

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
 Data File : PQ043109.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2019 16:54
 Operator : SM\AJ
 Sample : AR1254CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 AR1254332

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 13:58:31 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Aug 26 05:38:16 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	5.622	4.678	67154007	62606610	25.089	27.047
2)	SA Decachlor...	11.974	10.415	273.0E6	212.5E6	32.339	31.640
Target Compounds							
3)	L1 AR-1016-1	7.067	6.132	943464	485620	9.081	4.923 #
4)	L1 AR-1016-2	7.101	6.132	2181110	485620	13.681	3.201 #
5)	L1 AR-1016-3	7.180	6.422	547803	31614004	5.392	420.601 #
6)	L1 AR-1016-4	7.281	6.422	1236170	31614004	15.429	455.070 #
7)	L1 AR-1016-5	7.613	6.674	19407096	19427204	236.905	215.609
8)	L2 AR-1221-1	5.909	0.000	142113	0	4.195	N.D. #
9)	L2 AR-1221-2	6.034	0.000	318264	0	13.464	N.D. #
10)	L2 AR-1221-3	6.124	0.000	349459	0	4.238	N.D. #
11)	L3 AR-1232-1	6.124	0.000	349459	0	4.890	N.D. #
12)	L3 AR-1232-2	6.767	6.132	2441588	485620	61.880	5.798 #
13)	L3 AR-1232-3	7.101	6.422	2181110	31614004	26.299	734.690 #
14)	L3 AR-1232-4	7.288	6.470	499650	8461884	11.607	197.387 #
15)	L3 AR-1232-5	7.384	6.674	31137384	19427204	1088.382	429.445 #
16)	L4 AR-1242-1	7.082	6.132	799407	485620	7.857	4.934 #
17)	L4 AR-1242-2	7.101	6.132	2181110	485620	14.318	3.269 #
18)	L4 AR-1242-3	7.180	6.422	547803	31614004	5.741	415.991 #
19)	L4 AR-1242-4	7.288	6.470	499650	8461884	6.491	101.447 #
20)	L4 AR-1242-5	8.105	7.083	18673022	87417638	194.996	767.250 #
21)	L5 AR-1248-1	7.067	6.132	943464	485620	11.935	6.126 #
22)	L5 AR-1248-2	7.384	6.422	31137384	31614004	275.109	267.062
23)	L5 AR-1248-3	7.613	6.470	19407096	8461884	143.543	70.058 #
24)	L5 AR-1248-4	8.061	6.674	28026547	19427204	172.963	132.652
25)	L5 AR-1248-5	8.105	7.129	18673022	10424623	119.154	66.927 #
26)	L6 AR-1254-1	8.030	7.083	58847586	87417638	352.168	356.443
27)	L6 AR-1254-2	8.268	7.252	100.9E6	79422088	374.998	356.088
28)	L6 AR-1254-3	8.663	7.699	116.0E6	130.2E6	385.318	346.418
29)	L6 AR-1254-4	8.966	7.949	78818714	80469749	345.967	332.797
30)	L6 AR-1254-5	9.404	8.395	95100735	123.2E6	351.151	333.930
31)	L7 AR-1260-1	8.834	7.840	39615796	63840743	221.122	329.303 #
32)	L7 AR-1260-2	9.105	8.045	54865980	56413419	233.294	221.581
33)	L7 AR-1260-3	9.471	8.207	13379354	52952735	62.613	232.421 #
34)	L7 AR-1260-4	9.711	8.706	36956456	5804456	156.742	26.903 #
35)	L7 AR-1260-5	10.063	8.958	22105297	15535596	38.790	26.642 #
36)	L8 AR-1262-1	9.471	8.468	13379354	12928100	33.302	69.793 #
37)	L8 AR-1262-2	10.063	8.958	22105297	15535596	27.637	17.986 #
38)	L8 AR-1262-3	10.413	9.317	11688369	14429686	19.737	38.516 #
39)	L8 AR-1262-4	10.513	9.317	790307	14429686	1.587	21.018 #
40)	L8 AR-1262-5	11.200	0.000	897958	0	2.407	N.D. #
41)	L9 AR-1268-1	10.413	9.317	11688369	14429686	10.877	13.482

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082919\
Data File : PQ043109.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Aug 2019 16:54
Operator : SM\AJ
Sample : AR1254CCC400
Misc :
ALS Vial : 5 Sample Multiplier: 1

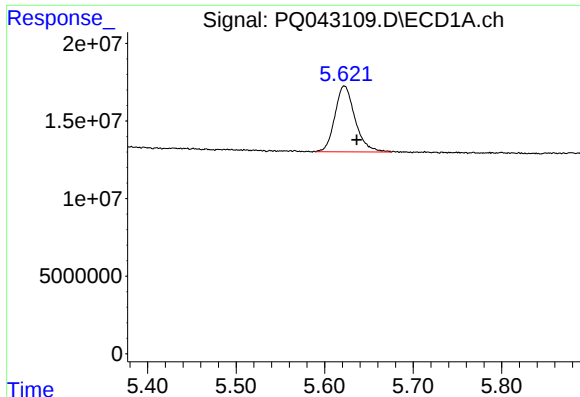
Instrument :
ECD_Q
ClientSampleId :
AR1254332

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 29 13:58:31 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082619CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Aug 26 05:38:16 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42)	L9 AR-1268-2	10.513	9.317	790307	14429686	0.753	14.044 #
43)	L9 AR-1268-3	10.726	0.000	2008673	0	2.098	N.D. #
44)	L9 AR-1268-4	11.200	0.000	897958	0	2.239	N.D. #
45)	L9 AR-1268-5	11.624	0.000	4190246	0	1.255	N.D. #

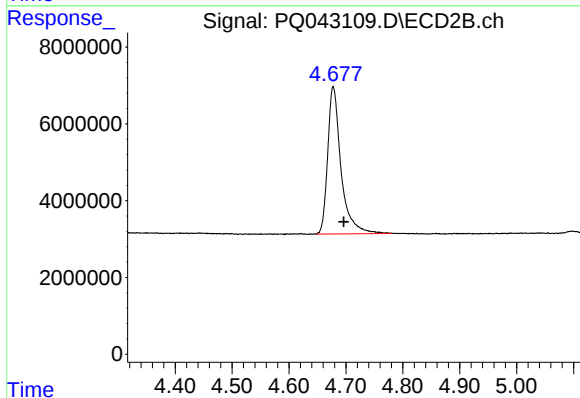
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

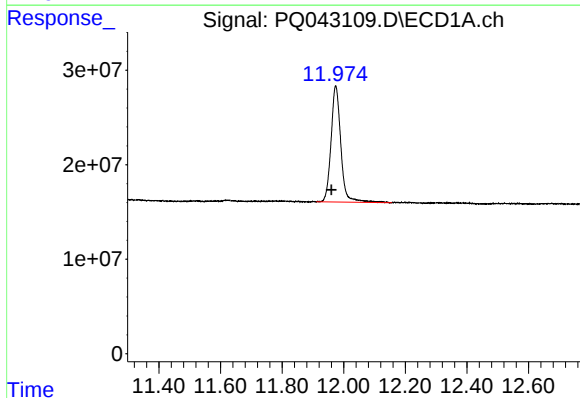
R.T.: 5.622 min
Delta R.T.: -0.014 min
Response: 67154007
Conc: 25.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



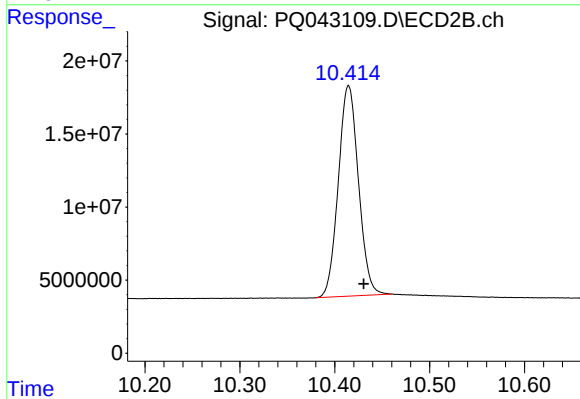
#1 Tetrachloro-m-xylene

R.T.: 4.678 min
Delta R.T.: -0.019 min
Response: 62606610
Conc: 27.05 ng/ml



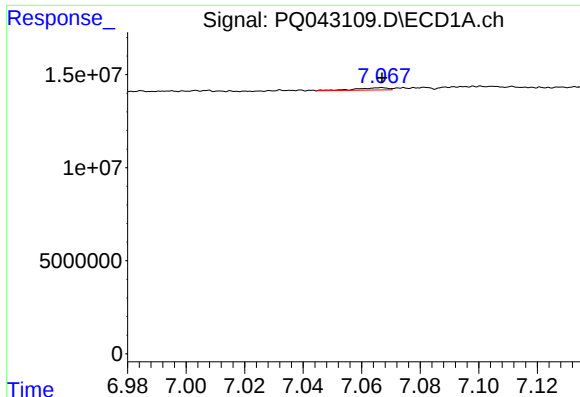
#2 Decachlorobiphenyl

R.T.: 11.974 min
Delta R.T.: 0.014 min
Response: 273007359
Conc: 32.34 ng/ml



#2 Decachlorobiphenyl

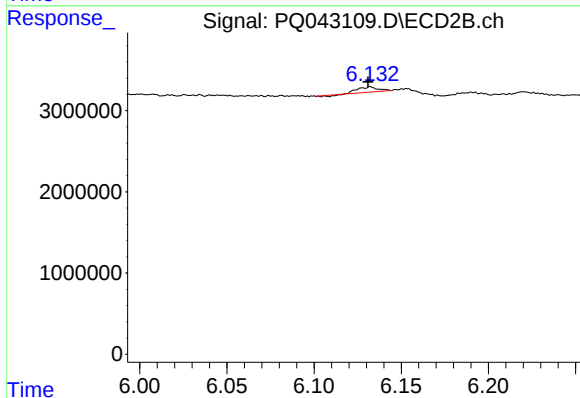
R.T.: 10.415 min
Delta R.T.: -0.016 min
Response: 212546522
Conc: 31.64 ng/ml



#3 AR-1016-1

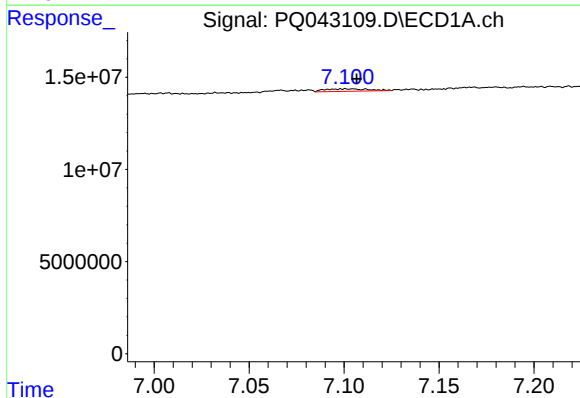
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 943464
Conc: 9.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



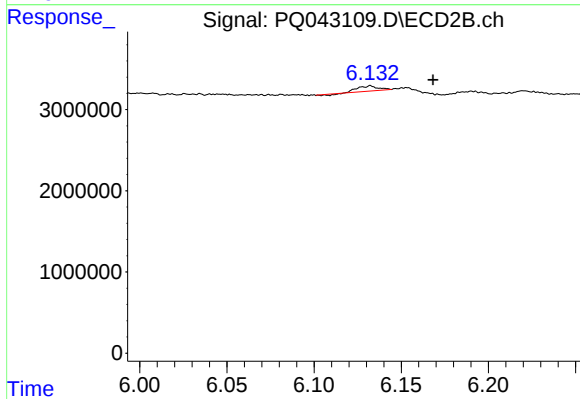
#3 AR-1016-1

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 485620
Conc: 4.92 ng/ml



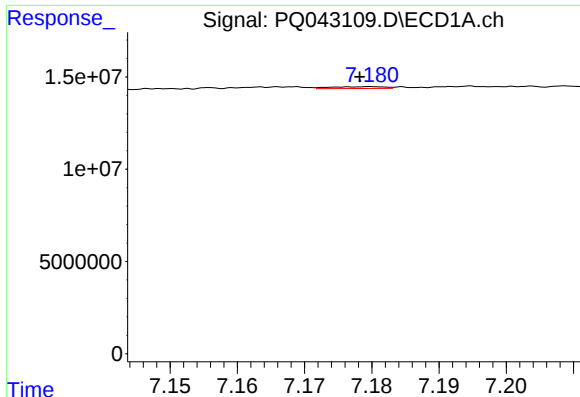
#4 AR-1016-2

R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 2181110
Conc: 13.68 ng/ml



#4 AR-1016-2

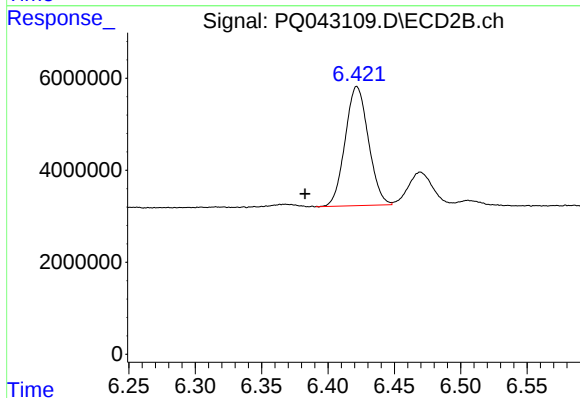
R.T.: 6.132 min
Delta R.T.: -0.036 min
Response: 485620
Conc: 3.20 ng/ml



#5 AR-1016-3

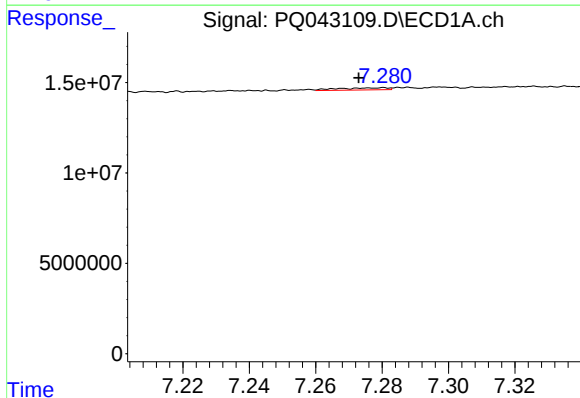
R.T.: 7.180 min
Delta R.T.: 0.002 min
Response: 547803
Conc: 5.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



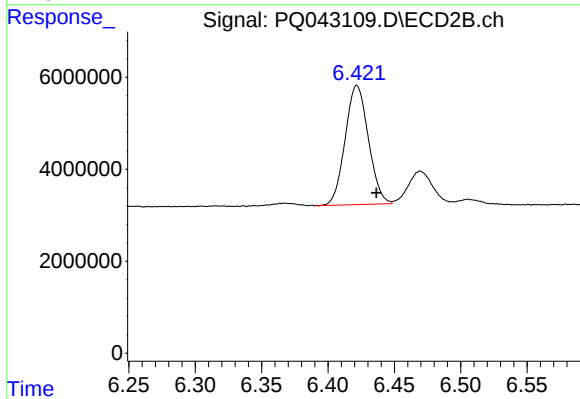
#5 AR-1016-3

R.T.: 6.422 min
Delta R.T.: 0.039 min
Response: 31614004
Conc: 420.60 ng/ml



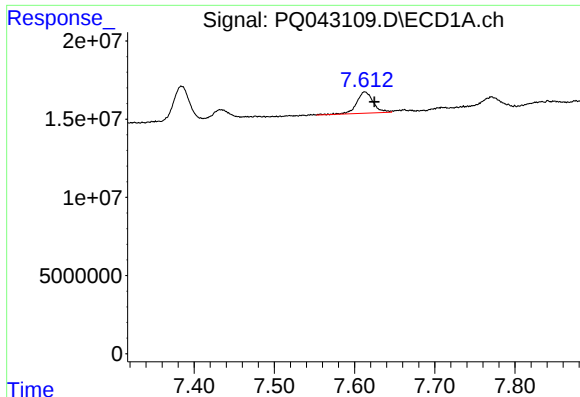
#6 AR-1016-4

R.T.: 7.281 min
Delta R.T.: 0.008 min
Response: 1236170
Conc: 15.43 ng/ml



#6 AR-1016-4

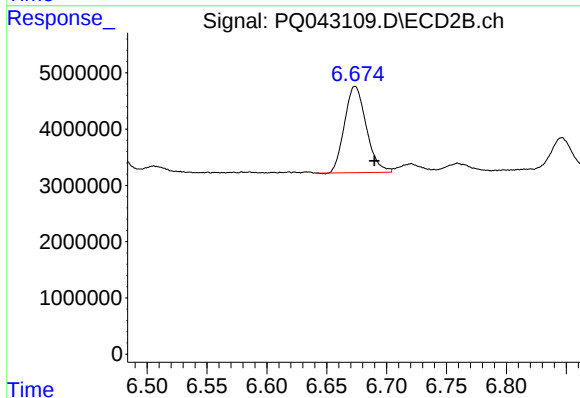
R.T.: 6.422 min
Delta R.T.: -0.015 min
Response: 31614004
Conc: 455.07 ng/ml



#7 AR-1016-5

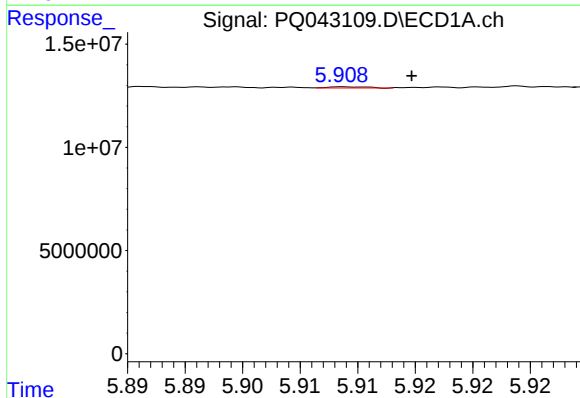
R.T.: 7.613 min
Delta R.T.: -0.012 min
Response: 19407096
Conc: 236.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



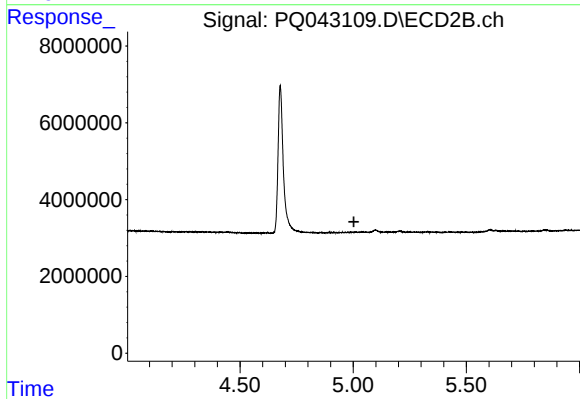
#7 AR-1016-5

R.T.: 6.674 min
Delta R.T.: -0.016 min
Response: 19427204
Conc: 215.61 ng/ml



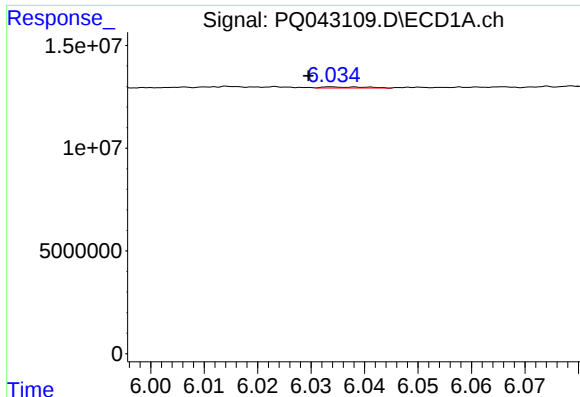
#8 AR-1221-1

R.T.: 5.909 min
Delta R.T.: -0.006 min
Response: 142113
Conc: 4.19 ng/ml



#8 AR-1221-1

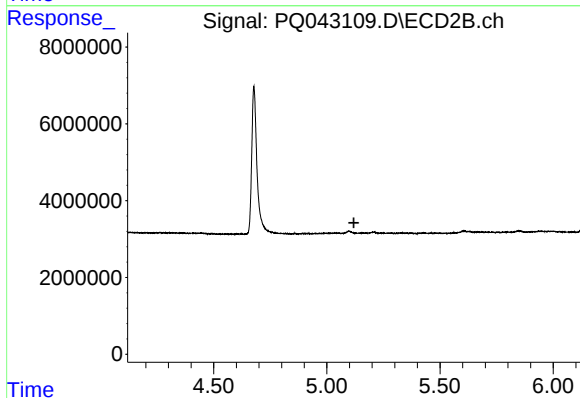
R.T.: 0.000 min
Exp R.T.: 5.003 min
Response: 0
Conc: N.D.



#9 AR-1221-2

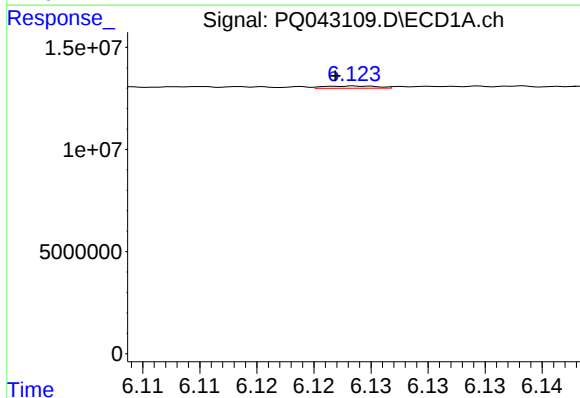
R.T.: 6.034 min
Delta R.T.: 0.004 min
Response: 318264
Conc: 13.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



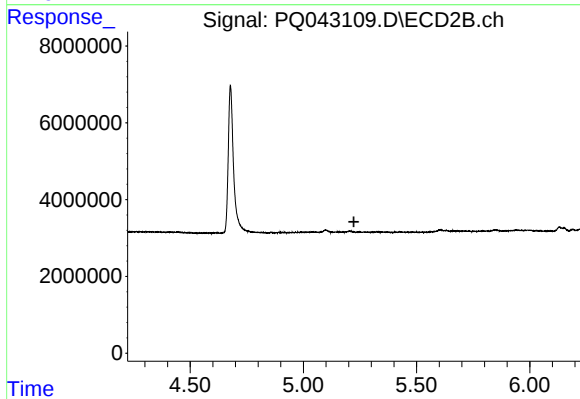
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.120 min
Response: 0
Conc: N.D.



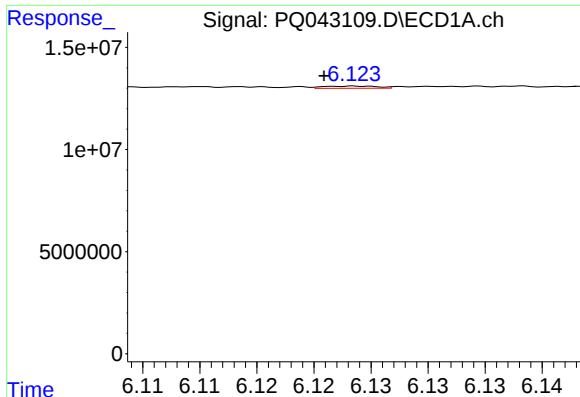
#10 AR-1221-3

R.T.: 6.124 min
Delta R.T.: 0.002 min
Response: 349459
Conc: 4.24 ng/ml



#10 AR-1221-3

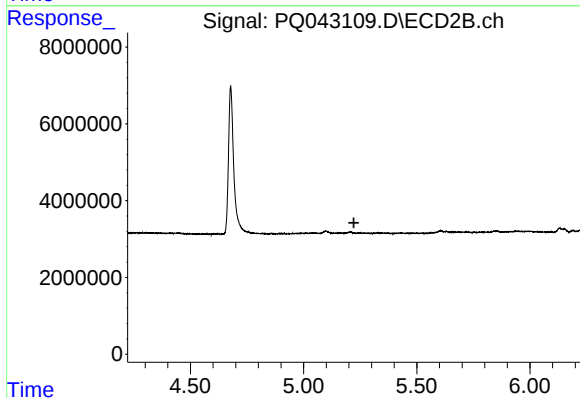
R.T.: 0.000 min
Exp R.T. : 5.223 min
Response: 0
Conc: N.D.



#11 AR-1232-1

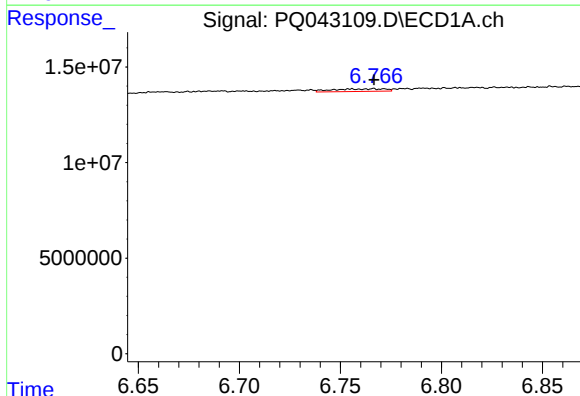
R.T.: 6.124 min
Delta R.T.: 0.003 min
Response: 349459
Conc: 4.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



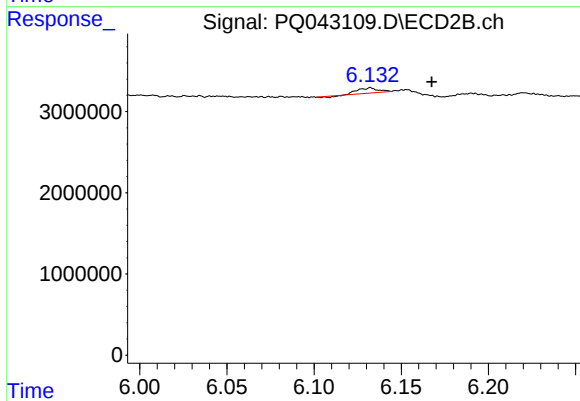
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 5.222 min
Response: 0
Conc: N.D.



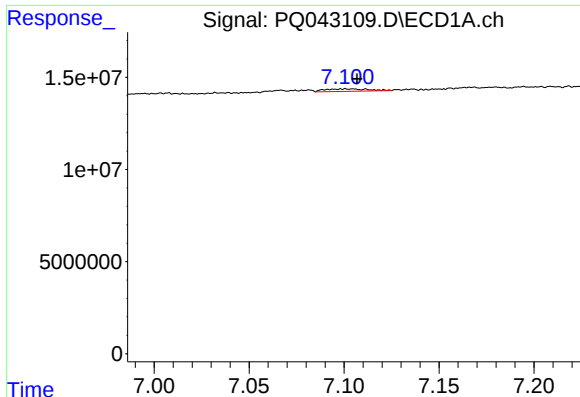
#12 AR-1232-2

R.T.: 6.767 min
Delta R.T.: 0.000 min
Response: 2441588
Conc: 61.88 ng/ml



#12 AR-1232-2

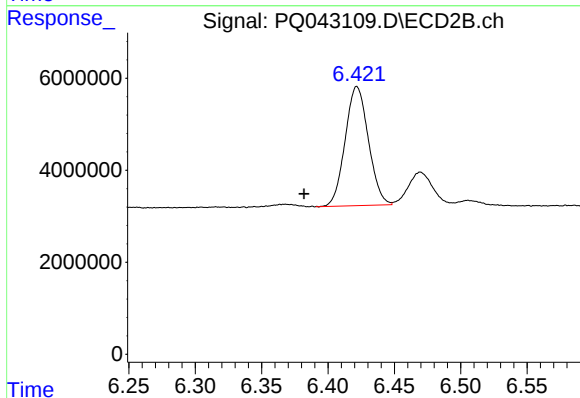
R.T.: 6.132 min
Delta R.T.: -0.035 min
Response: 485620
Conc: 5.80 ng/ml



#13 AR-1232-3

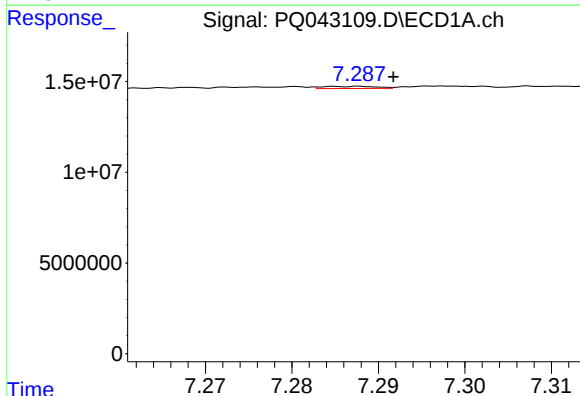
R.T.: 7.101 min
Delta R.T.: -0.006 min
Response: 2181110
Conc: 26.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



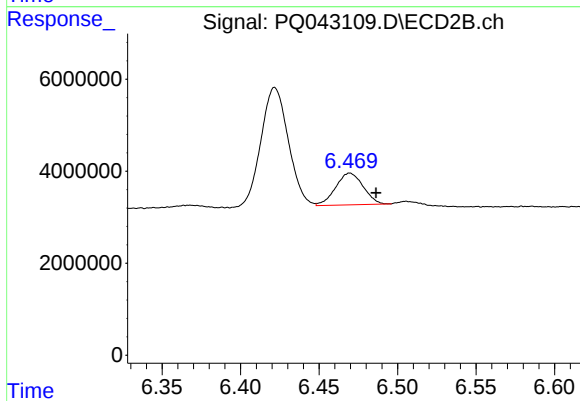
#13 AR-1232-3

R.T.: 6.422 min
Delta R.T.: 0.040 min
Response: 31614004
Conc: 734.69 ng/ml



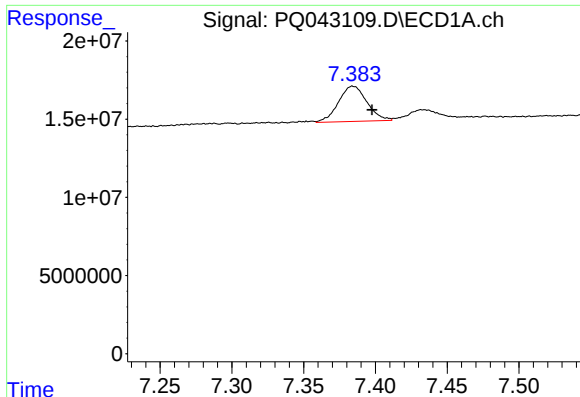
#14 AR-1232-4

R.T.: 7.288 min
Delta R.T.: -0.004 min
Response: 499650
Conc: 11.61 ng/ml



#14 AR-1232-4

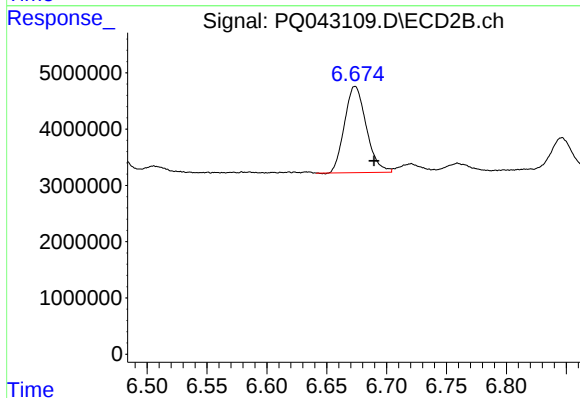
R.T.: 6.470 min
Delta R.T.: -0.017 min
Response: 8461884
Conc: 197.39 ng/ml



#15 AR-1232-5

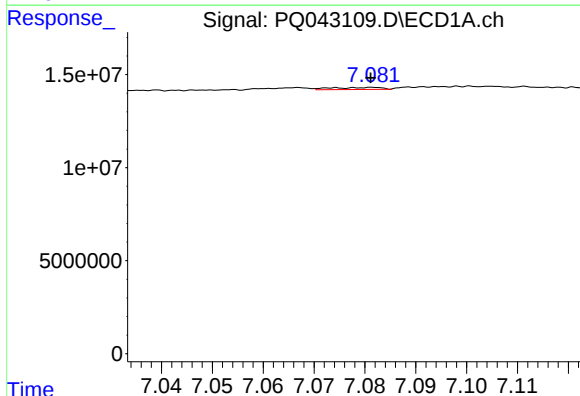
R.T.: 7.384 min
Delta R.T.: -0.014 min
Response: 31137384
Conc: 1088.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



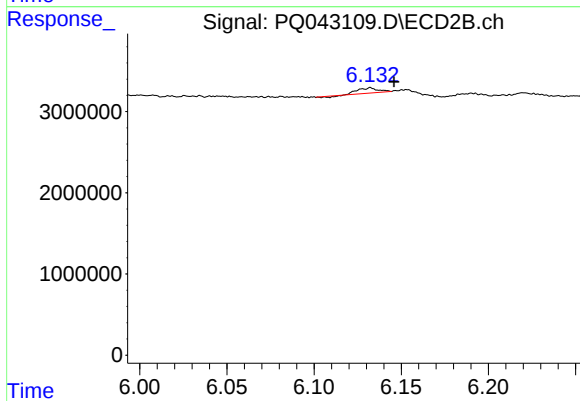
#15 AR-1232-5

R.T.: 6.674 min
Delta R.T.: -0.016 min
Response: 19427204
Conc: 429.44 ng/ml



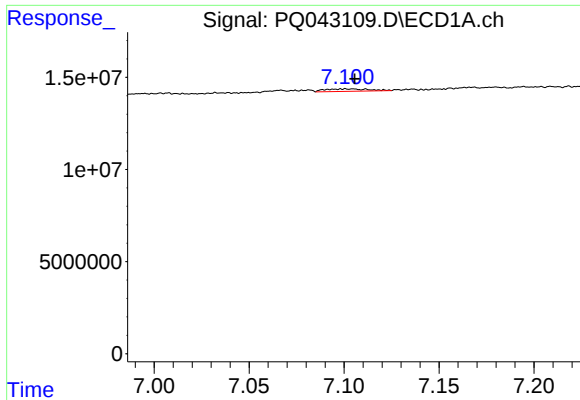
#16 AR-1242-1

R.T.: 7.082 min
Delta R.T.: 0.000 min
Response: 799407
Conc: 7.86 ng/ml



#16 AR-1242-1

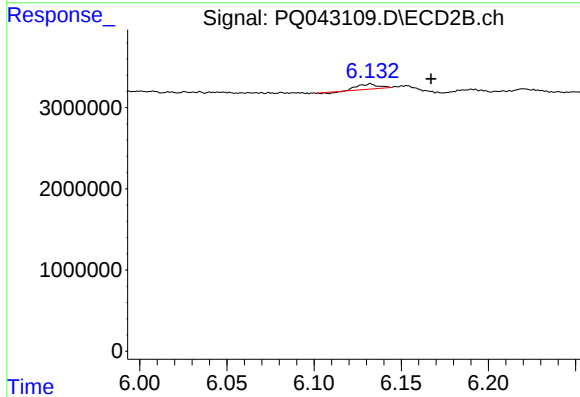
R.T.: 6.132 min
Delta R.T.: -0.014 min
Response: 485620
Conc: 4.93 ng/ml



#17 AR-1242-2

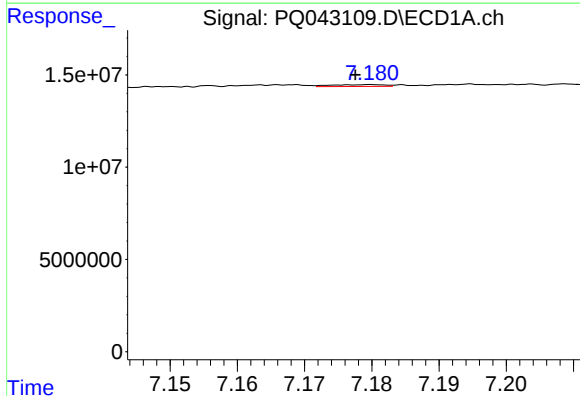
R.T.: 7.101 min
Delta R.T.: -0.005 min
Response: 2181110
Conc: 14.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



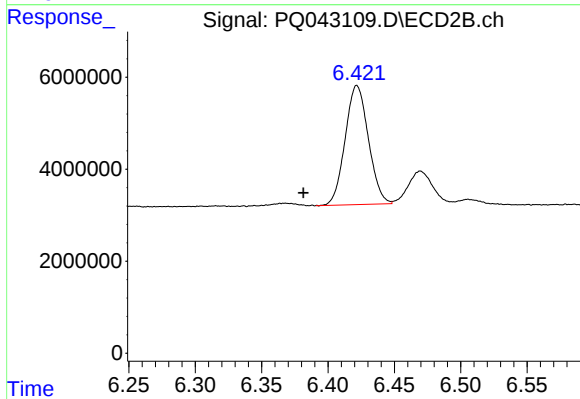
#17 AR-1242-2

R.T.: 6.132 min
Delta R.T.: -0.035 min
Response: 485620
Conc: 3.27 ng/ml



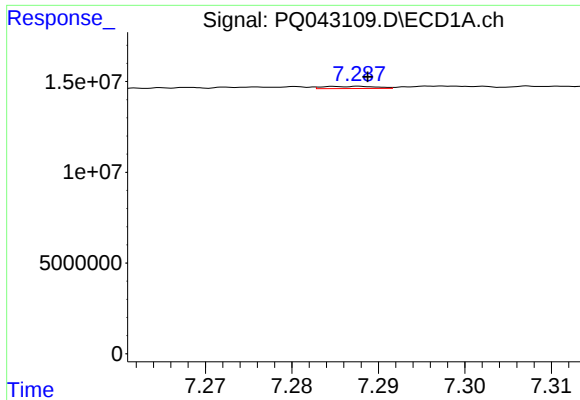
#18 AR-1242-3

R.T.: 7.180 min
Delta R.T.: 0.002 min
Response: 547803
Conc: 5.74 ng/ml



#18 AR-1242-3

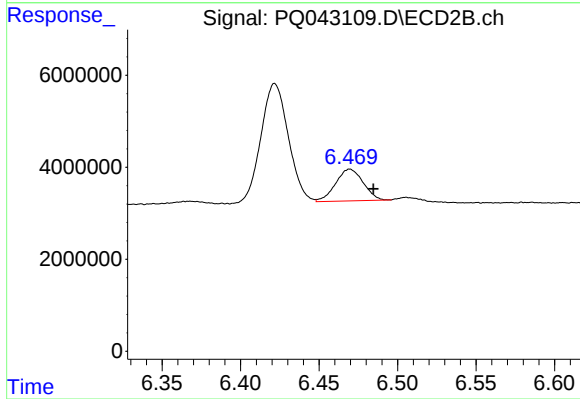
R.T.: 6.422 min
Delta R.T.: 0.040 min
Response: 31614004
Conc: 415.99 ng/ml



#19 AR-1242-4

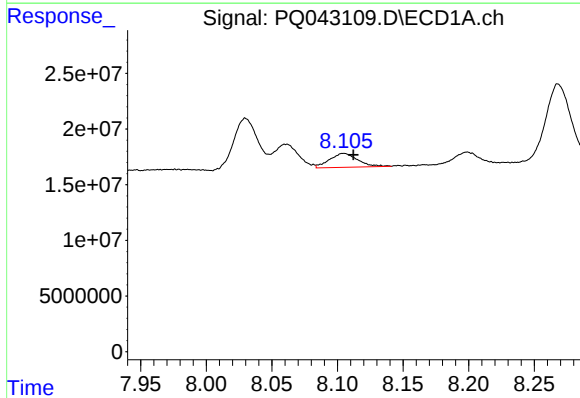
R.T.: 7.288 min
Delta R.T.: 0.000 min
Response: 499650
Conc: 6.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



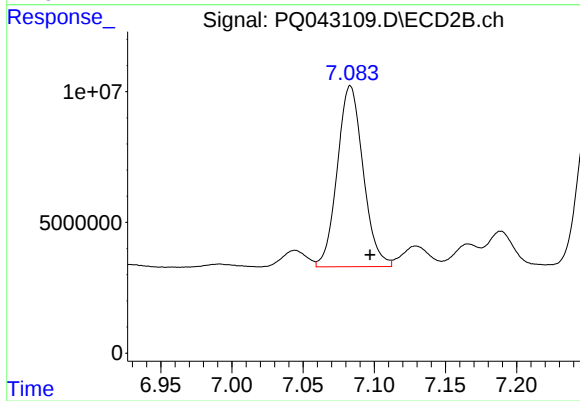
#19 AR-1242-4

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 8461884
Conc: 101.45 ng/ml



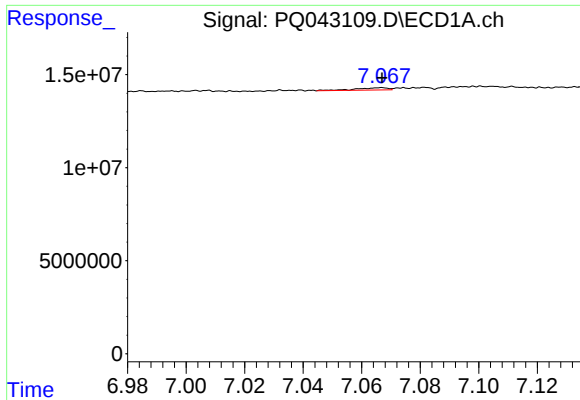
#20 AR-1242-5

R.T.: 8.105 min
Delta R.T.: -0.007 min
Response: 18673022
Conc: 195.00 ng/ml



#20 AR-1242-5

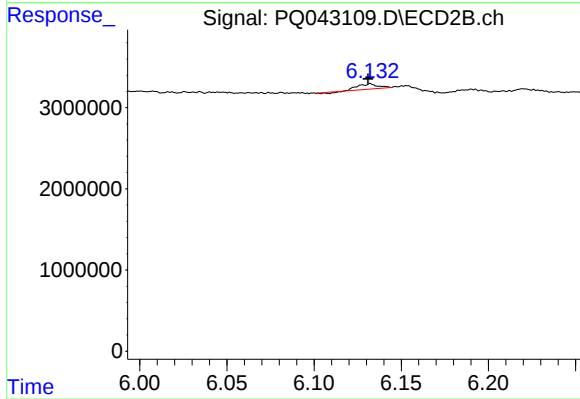
R.T.: 7.083 min
Delta R.T.: -0.014 min
Response: 87417638
Conc: 767.25 ng/ml



#21 AR-1248-1

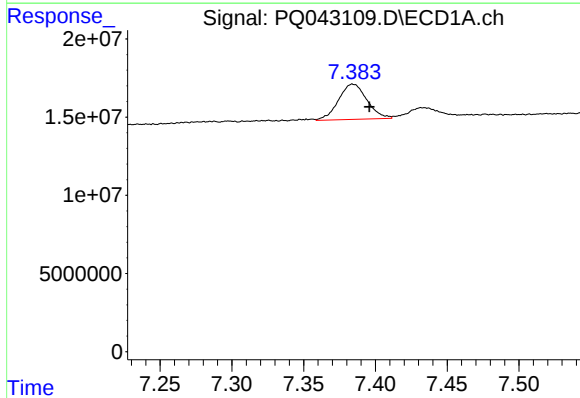
R.T.: 7.067 min
Delta R.T.: 0.000 min
Response: 943464
Conc: 11.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



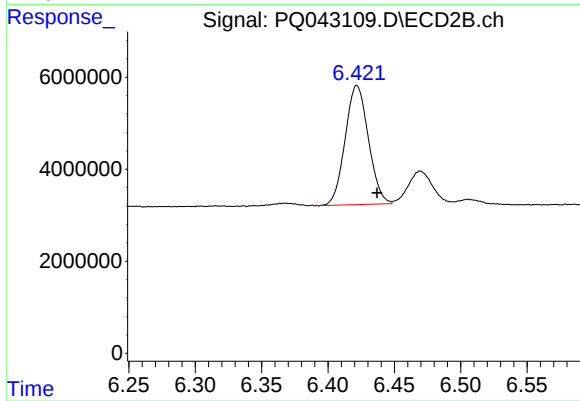
#21 AR-1248-1

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 485620
Conc: 6.13 ng/ml



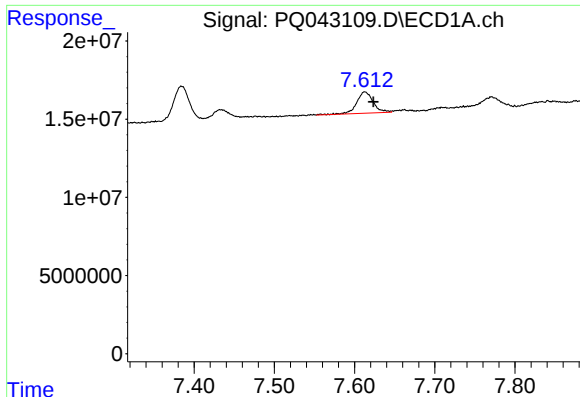
#22 AR-1248-2

R.T.: 7.384 min
Delta R.T.: -0.012 min
Response: 31137384
Conc: 275.11 ng/ml



#22 AR-1248-2

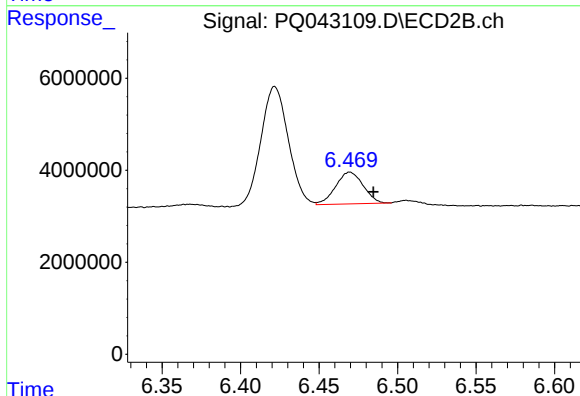
R.T.: 6.422 min
Delta R.T.: -0.015 min
Response: 31614004
Conc: 267.06 ng/ml



#23 AR-1248-3

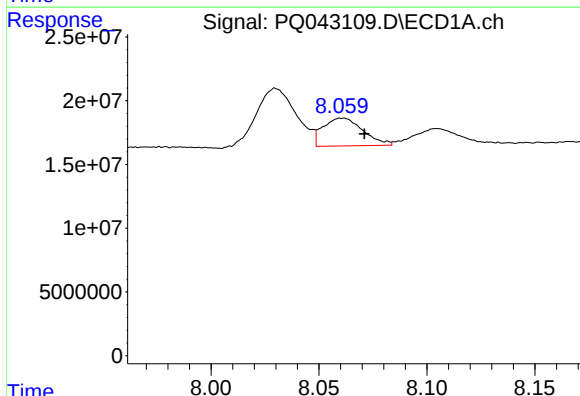
R.T.: 7.613 min
Delta R.T.: -0.011 min
Response: 19407096
Conc: 143.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



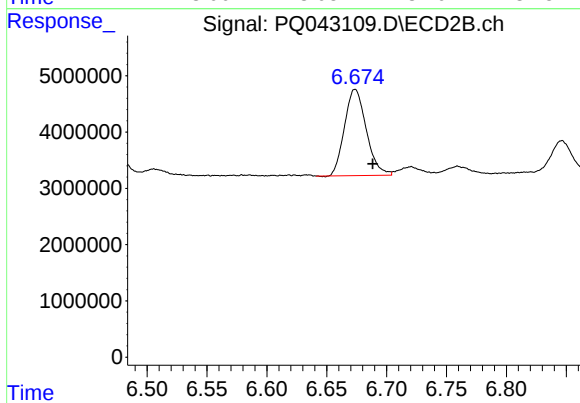
#23 AR-1248-3

R.T.: 6.470 min
Delta R.T.: -0.015 min
Response: 8461884
Conc: 70.06 ng/ml



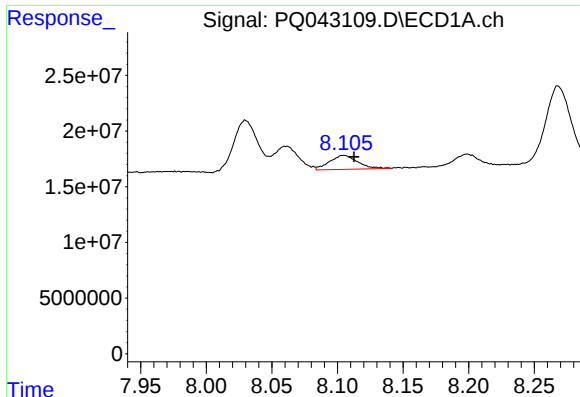
#24 AR-1248-4

R.T.: 8.061 min
Delta R.T.: -0.010 min
Response: 28026547
Conc: 172.96 ng/ml



#24 AR-1248-4

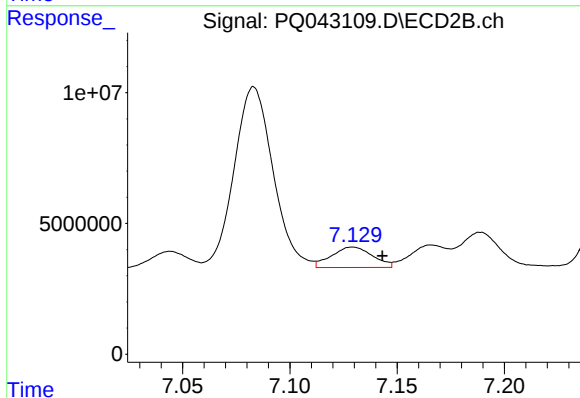
R.T.: 6.674 min
Delta R.T.: -0.015 min
Response: 19427204
Conc: 132.65 ng/ml



#25 AR-1248-5

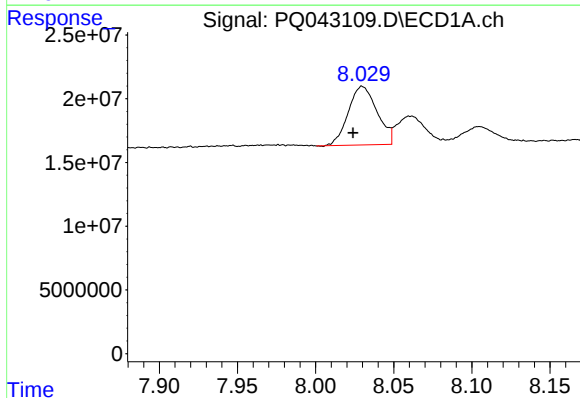
R.T.: 8.105 min
Delta R.T.: -0.008 min
Response: 18673022
Conc: 119.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



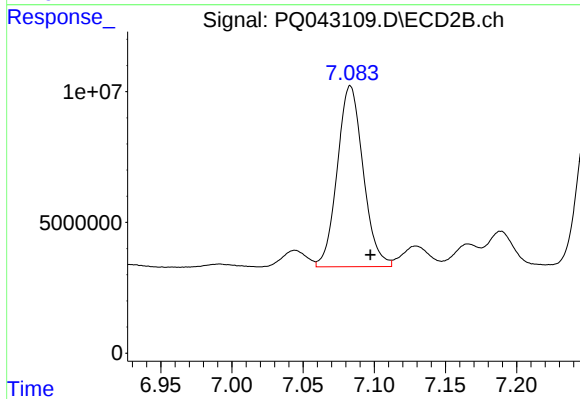
#25 AR-1248-5

R.T.: 7.129 min
Delta R.T.: -0.014 min
Response: 10424623
Conc: 66.93 ng/ml



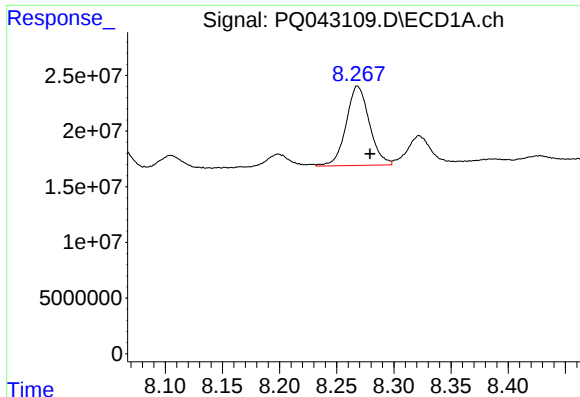
#26 AR-1254-1

R.T.: 8.030 min
Delta R.T.: 0.006 min
Response: 58847586
Conc: 352.17 ng/ml



#26 AR-1254-1

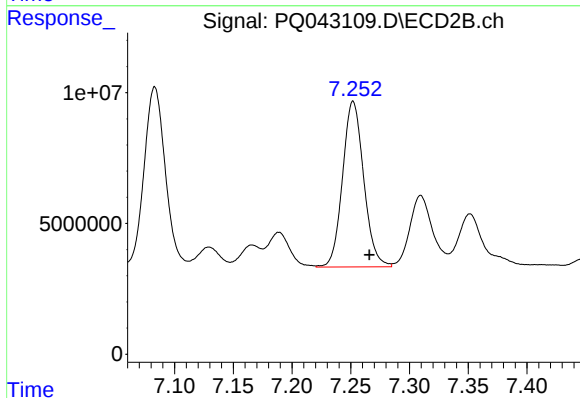
R.T.: 7.083 min
Delta R.T.: -0.014 min
Response: 87417638
Conc: 356.44 ng/ml



#27 AR-1254-2

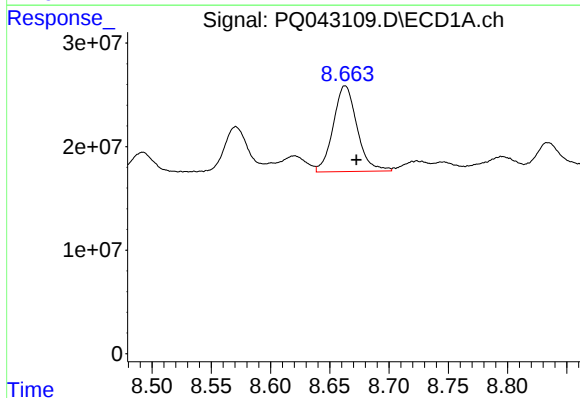
R.T.: 8.268 min
Delta R.T.: -0.011 min
Response: 100856057
Conc: 375.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



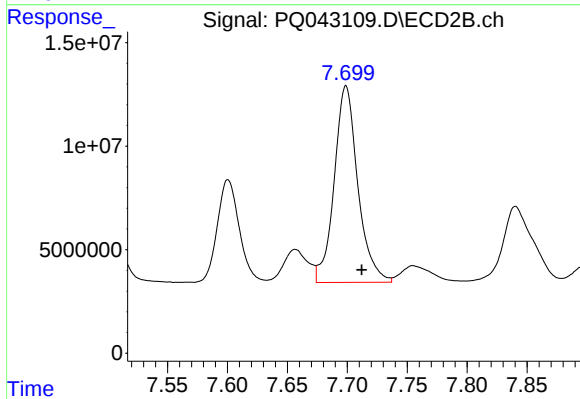
#27 AR-1254-2

R.T.: 7.252 min
Delta R.T.: -0.014 min
Response: 79422088
Conc: 356.09 ng/ml



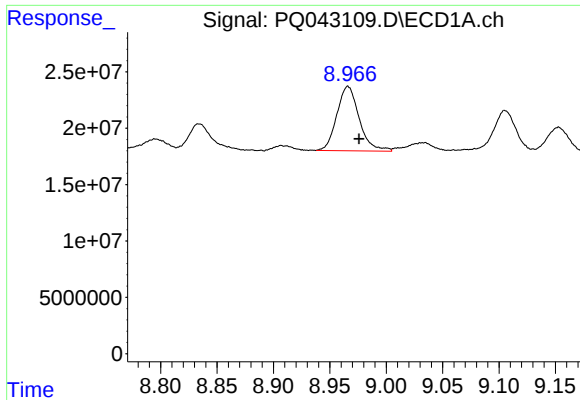
#28 AR-1254-3

R.T.: 8.663 min
Delta R.T.: -0.009 min
Response: 116049562
Conc: 385.32 ng/ml



#28 AR-1254-3

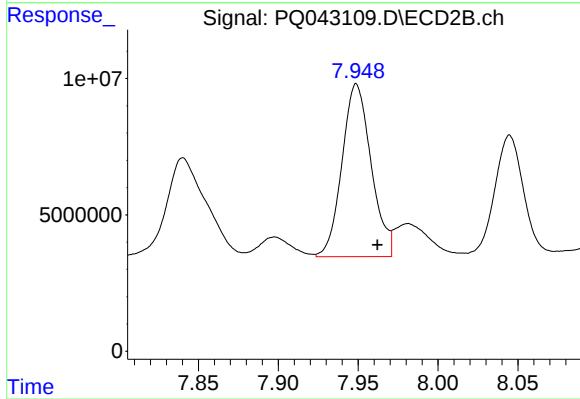
R.T.: 7.699 min
Delta R.T.: -0.013 min
Response: 130209419
Conc: 346.42 ng/ml



#29 AR-1254-4

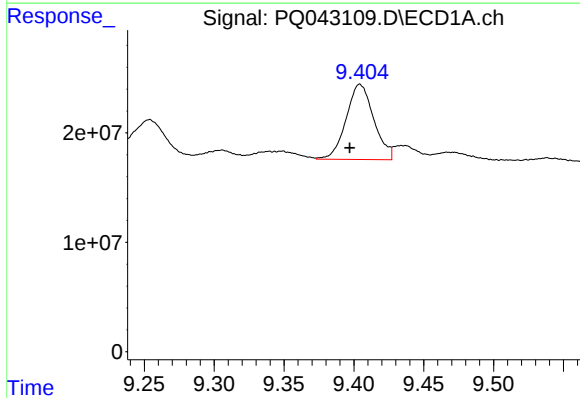
R.T.: 8.966 min
Delta R.T.: -0.010 min
Response: 78818714
Conc: 345.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



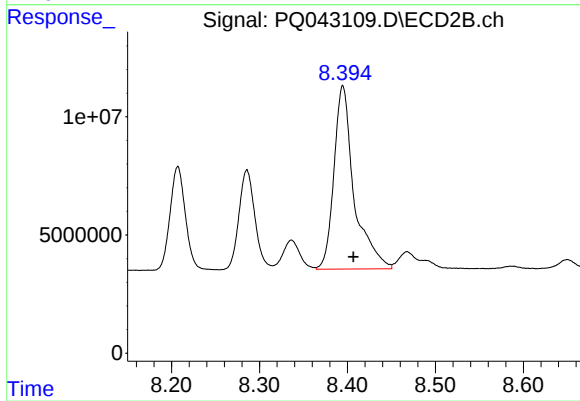
#29 AR-1254-4

R.T.: 7.949 min
Delta R.T.: -0.013 min
Response: 80469749
Conc: 332.80 ng/ml



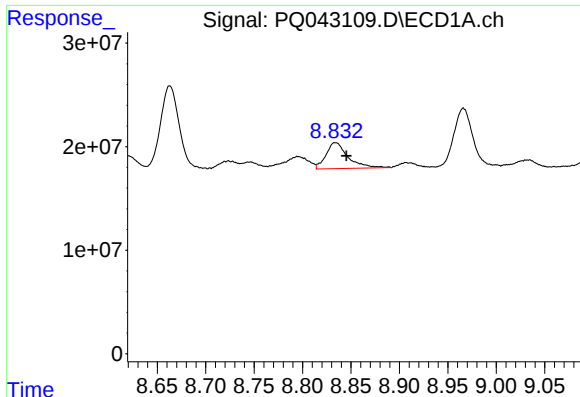
#30 AR-1254-5

R.T.: 9.404 min
Delta R.T.: 0.007 min
Response: 95100735
Conc: 351.15 ng/ml



#30 AR-1254-5

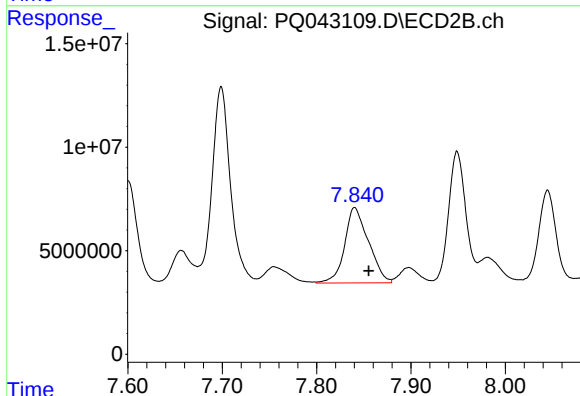
R.T.: 8.395 min
Delta R.T.: -0.012 min
Response: 123237197
Conc: 333.93 ng/ml



#31 AR-1260-1

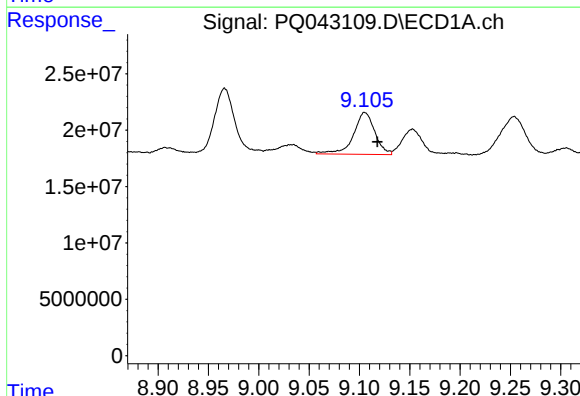
R.T.: 8.834 min
Delta R.T.: -0.011 min
Response: 39615796
Conc: 221.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



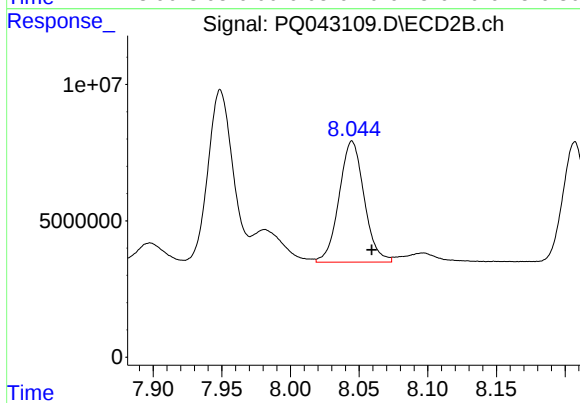
#31 AR-1260-1

R.T.: 7.840 min
Delta R.T.: -0.015 min
Response: 63840743
Conc: 329.30 ng/ml



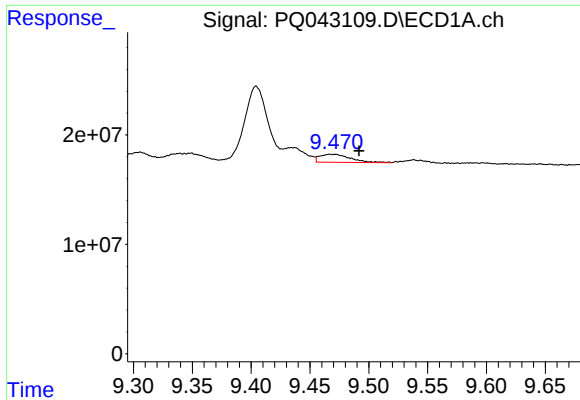
#32 AR-1260-2

R.T.: 9.105 min
Delta R.T.: -0.012 min
Response: 54865980
Conc: 233.29 ng/ml



#32 AR-1260-2

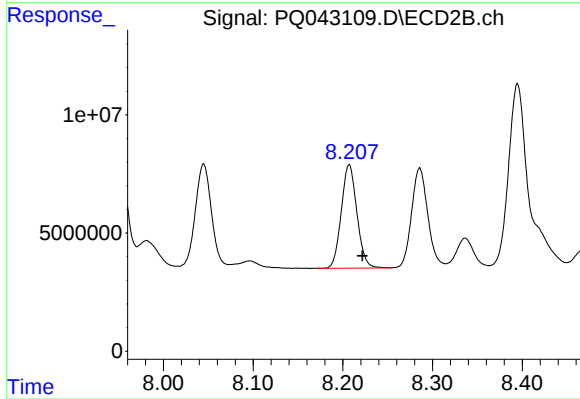
R.T.: 8.045 min
Delta R.T.: -0.014 min
Response: 56413419
Conc: 221.58 ng/ml



#33 AR-1260-3

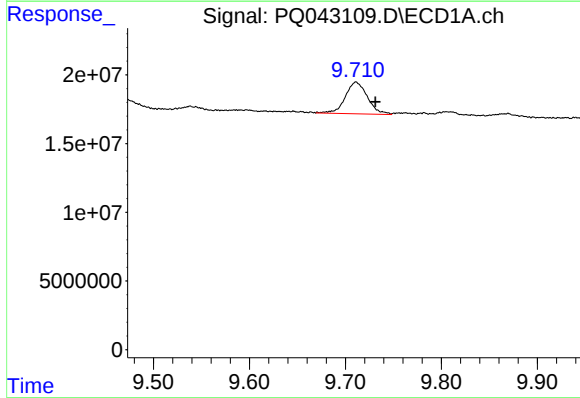
R.T.: 9.471 min
Delta R.T.: -0.021 min
Response: 13379354
Conc: 62.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



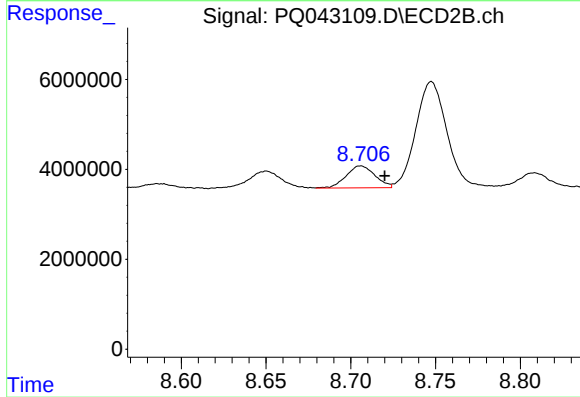
#33 AR-1260-3

R.T.: 8.207 min
Delta R.T.: -0.015 min
Response: 52952735
Conc: 232.42 ng/ml



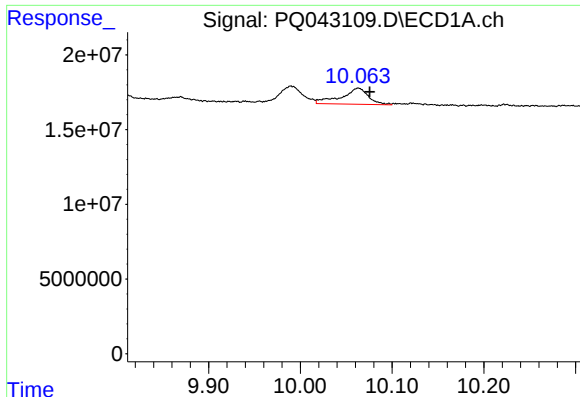
#34 AR-1260-4

R.T.: 9.711 min
Delta R.T.: -0.020 min
Response: 36956456
Conc: 156.74 ng/ml



#34 AR-1260-4

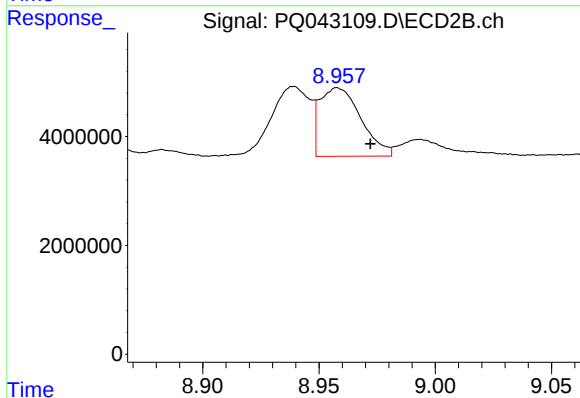
R.T.: 8.706 min
Delta R.T.: -0.014 min
Response: 5804456
Conc: 26.90 ng/ml



#35 AR-1260-5

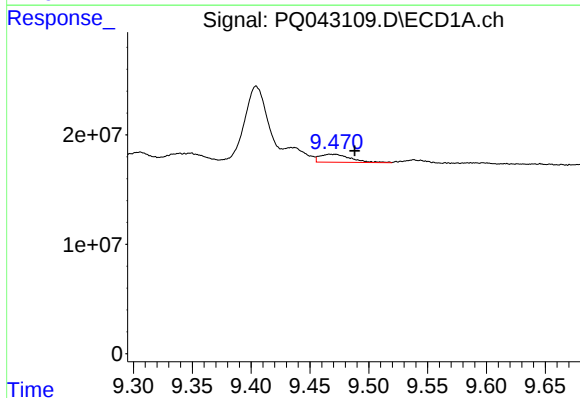
R.T.: 10.063 min
Delta R.T.: -0.012 min
Response: 22105297
Conc: 38.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



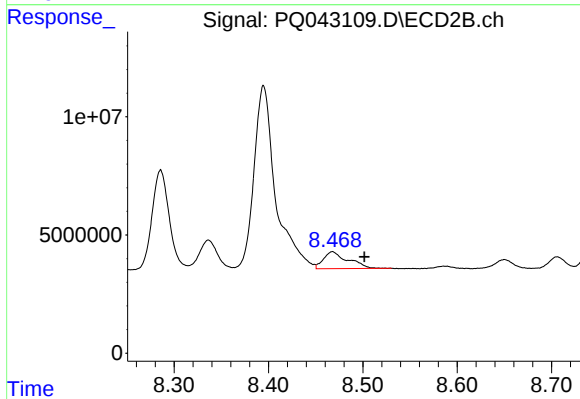
#35 AR-1260-5

R.T.: 8.958 min
Delta R.T.: -0.014 min
Response: 15535596
Conc: 26.64 ng/ml



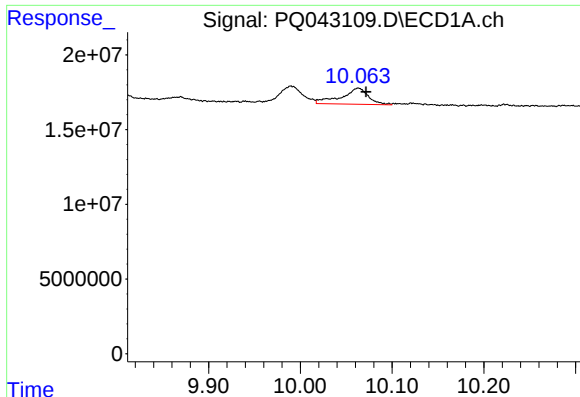
#36 AR-1262-1

R.T.: 9.471 min
Delta R.T.: -0.017 min
Response: 13379354
Conc: 33.30 ng/ml



#36 AR-1262-1

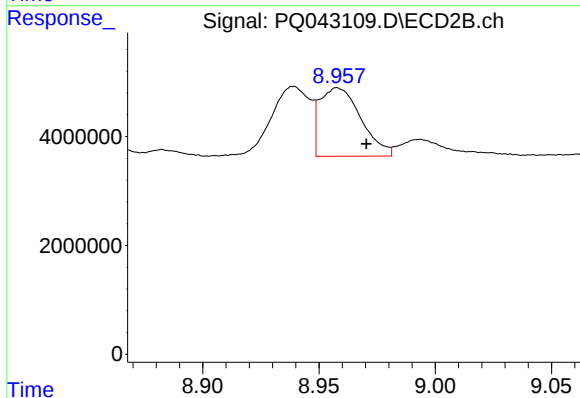
R.T.: 8.468 min
Delta R.T.: -0.034 min
Response: 12928100
Conc: 69.79 ng/ml



#37 AR-1262-2

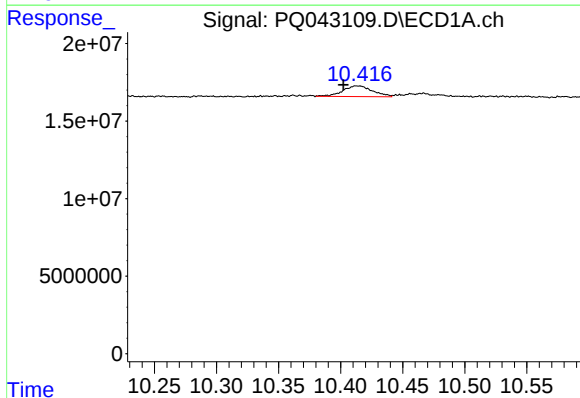
R.T.: 10.063 min
Delta R.T.: -0.008 min
Response: 22105297
Conc: 27.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



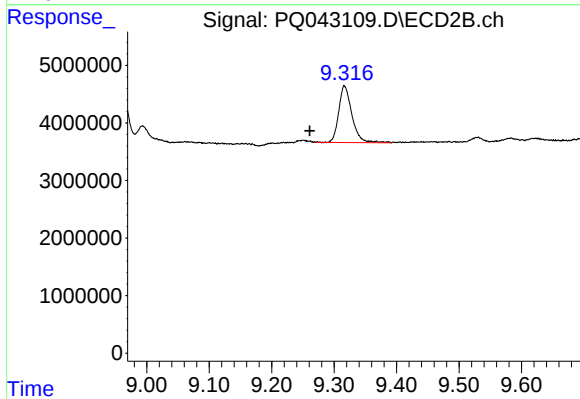
#37 AR-1262-2

R.T.: 8.958 min
Delta R.T.: -0.012 min
Response: 15535596
Conc: 17.99 ng/ml



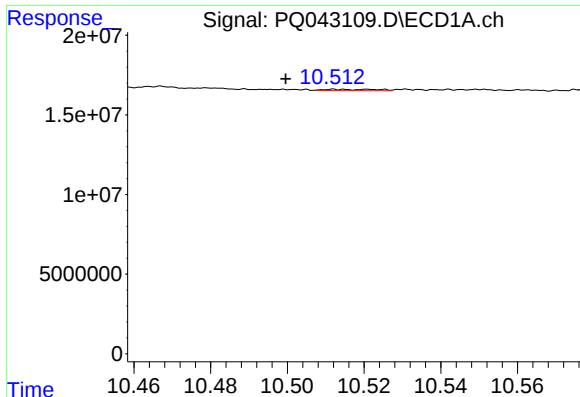
#38 AR-1262-3

R.T.: 10.413 min
Delta R.T.: 0.011 min
Response: 11688369
Conc: 19.74 ng/ml



#38 AR-1262-3

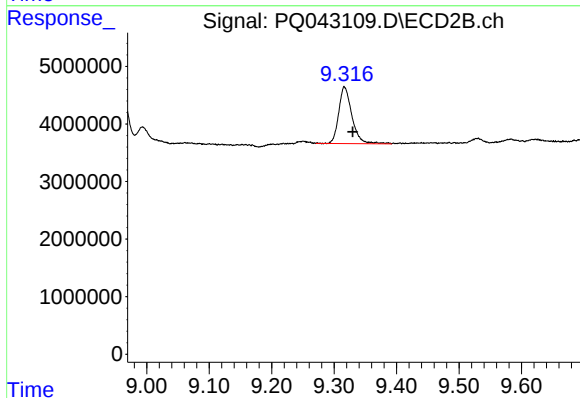
R.T.: 9.317 min
Delta R.T.: 0.056 min
Response: 14429686
Conc: 38.52 ng/ml



#39 AR-1262-4

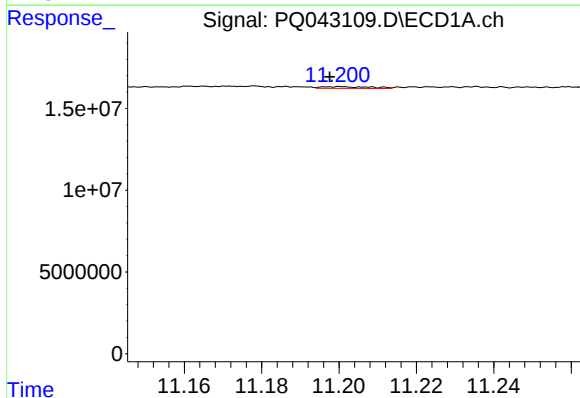
R.T.: 10.513 min
Delta R.T.: 0.013 min
Response: 790307
Conc: 1.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



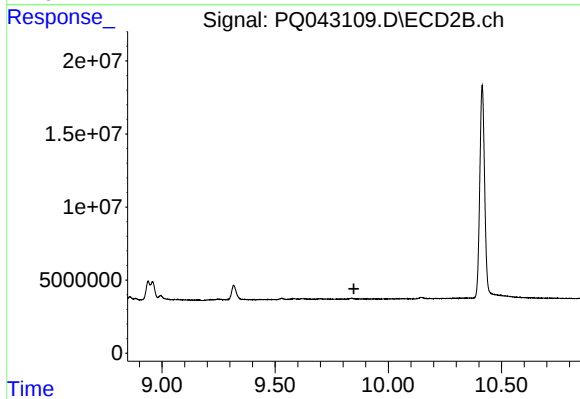
#39 AR-1262-4

R.T.: 9.317 min
Delta R.T.: -0.013 min
Response: 14429686
Conc: 21.02 ng/ml



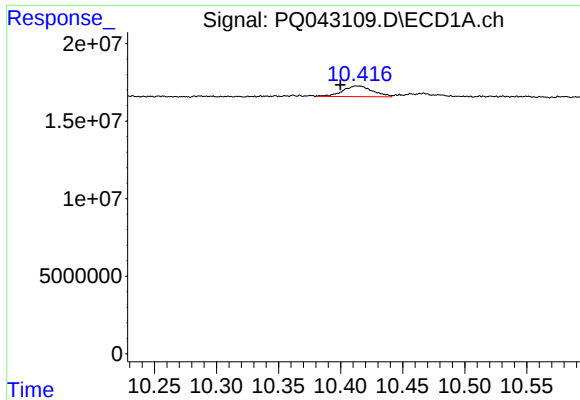
#40 AR-1262-5

R.T.: 11.200 min
Delta R.T.: 0.003 min
Response: 897958
Conc: 2.41 ng/ml



#40 AR-1262-5

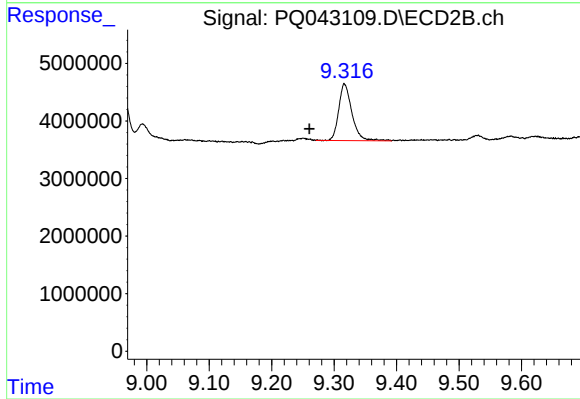
R.T.: 0.000 min
Exp R.T.: 9.848 min
Response: 0
Conc: N.D.



#41 AR-1268-1

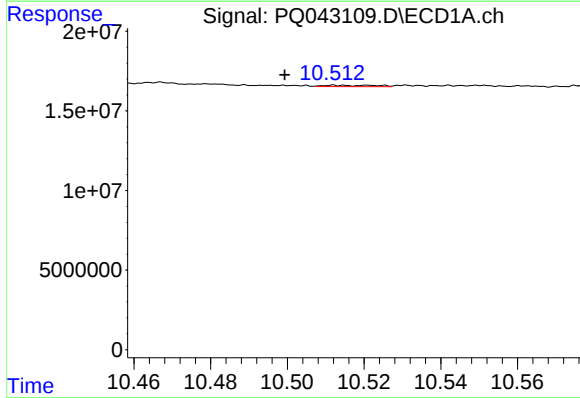
R.T.: 10.413 min
Delta R.T.: 0.014 min
Response: 11688369
Conc: 10.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



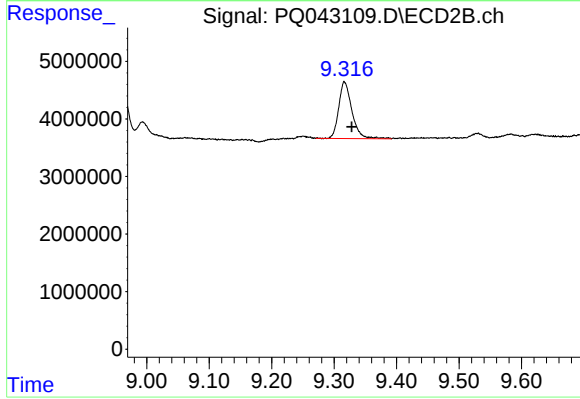
#41 AR-1268-1

R.T.: 9.317 min
Delta R.T.: 0.056 min
Response: 14429686
Conc: 13.48 ng/ml



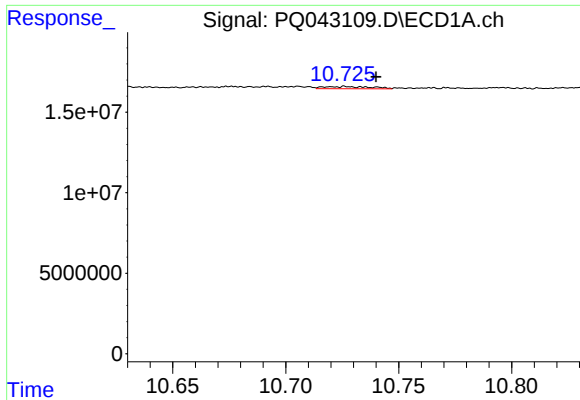
#42 AR-1268-2

R.T.: 10.513 min
Delta R.T.: 0.013 min
Response: 790307
Conc: 0.75 ng/ml



#42 AR-1268-2

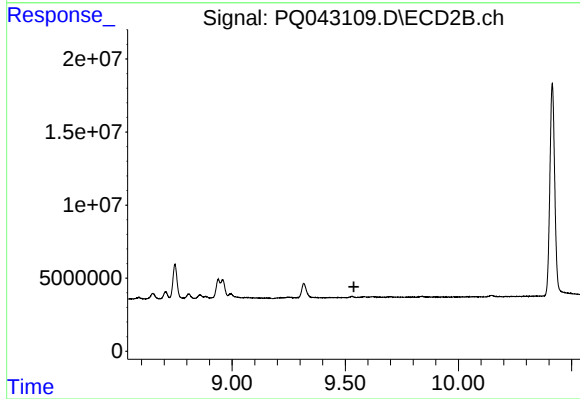
R.T.: 9.317 min
Delta R.T.: -0.012 min
Response: 14429686
Conc: 14.04 ng/ml



#43 AR-1268-3

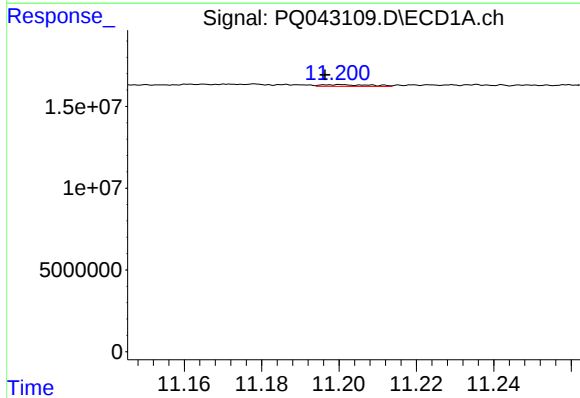
R.T.: 10.726 min
Delta R.T.: -0.014 min
Response: 2008673
Conc: 2.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



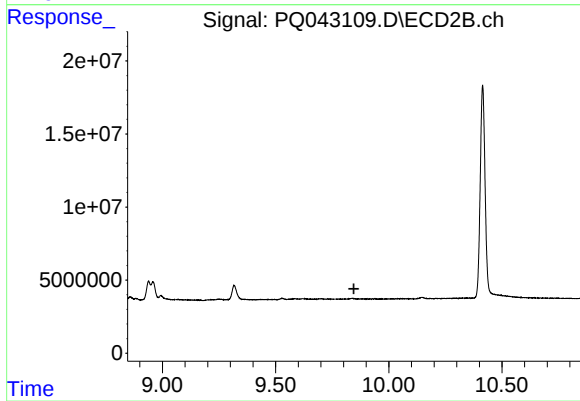
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.538 min
Response: 0
Conc: N.D.



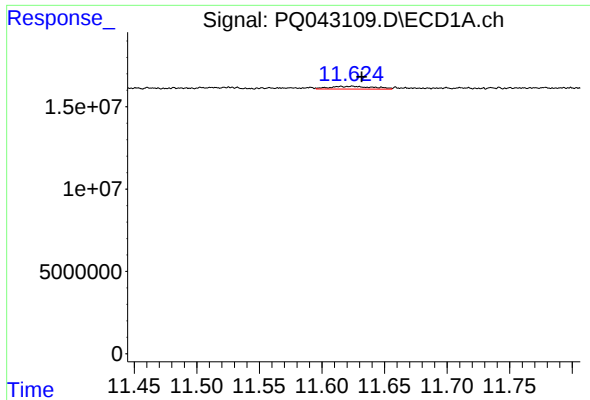
#44 AR-1268-4

R.T.: 11.200 min
Delta R.T.: 0.004 min
Response: 897958
Conc: 2.24 ng/ml



#44 AR-1268-4

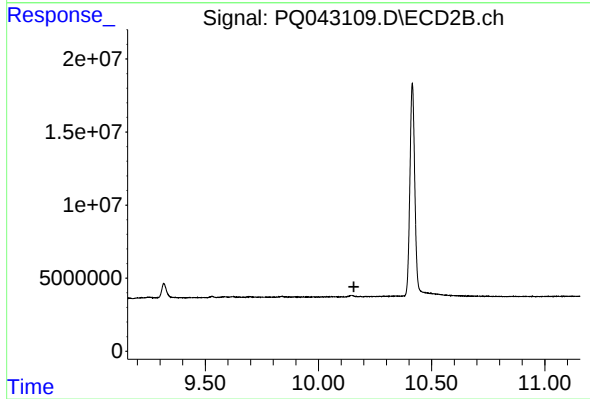
R.T.: 0.000 min
Exp R.T. : 9.846 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.624 min
Delta R.T.: -0.008 min
Response: 4190246
Conc: 1.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
AR1254332



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 10.156 min
Response: 0
Conc: N.D.