

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081319\
 Data File : PQ042403.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 11:05
 Operator : SM\AJ
 Sample : K4183-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 07:47:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 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...	5.674	4.735	49010959	44252172	21.371	22.961
2)	SA Decachlor...	12.059	10.484	258.3E6	186.5E6	30.631	38.549 #
Target Compounds							
3)	L1 AR-1016-1	7.121	6.186	7875413	2461331	72.864	23.719 #
4)	L1 AR-1016-2	7.146	6.208	11117717	4561872	71.027	31.841 #
5)	L1 AR-1016-3	7.298	6.423	4733645	2982404	48.938	39.994
6)	L1 AR-1016-4	7.327	6.525	4543649	2924589	58.241	47.163
7)	L1 AR-1016-5	7.663	6.776	5053694	2016193	64.288	24.768 #
10)	L2 AR-1221-3	0.000	5.319	0	21823471	N.D.	400.196 #
11)	L3 AR-1232-1	0.000	5.319	0	21823471	N.D.	451.947 #
12)	L3 AR-1232-2	6.800	6.208	12744254	4561872	387.874	79.994 #
13)	L3 AR-1232-3	7.146	6.423	11117717	2982404	166.524	100.015 #
14)	L3 AR-1232-4	7.327	6.525	4543649	2924589	141.650	109.549
15)	L3 AR-1232-5	7.484	6.776	4635172	2016193	215.687	68.751 #
16)	L4 AR-1242-1	7.121	6.186	7875413	2461331	88.043	30.075 #
17)	L4 AR-1242-2	7.146	6.208	11117717	4561872	86.458	40.393 #
18)	L4 AR-1242-3	7.298	6.423	4733645	2982404	58.378	50.487
19)	L4 AR-1242-4	7.327	6.525	4543649	2924589	70.677	49.321 #
20)	L4 AR-1242-5	8.154	7.140	4485370	9953064	50.553	112.091 #
21)	L5 AR-1248-1	7.121	6.186	7875413	2461331	106.229	37.122 #
22)	L5 AR-1248-2	7.484	6.525	4635172	2924589	50.239	33.544 #
23)	L5 AR-1248-3	7.663	6.525	5053694	2924589	45.106	32.766 #
24)	L5 AR-1248-4	8.109	6.776	3756020	2016193	24.022	18.305
25)	L5 AR-1248-5	8.154	7.186	4485370	2268944	29.641	17.702 #
26)	L6 AR-1254-1	8.082	7.140	10377836	9953064	74.599	54.423 #
27)	L6 AR-1254-2	8.320	7.306	13909454	6824755	60.771	42.162 #
28)	L6 AR-1254-3	8.714	7.753	25407964	23572748	92.924	81.734
29)	L6 AR-1254-4	9.015	8.002	6823989	5884840	27.720	27.110
30)	L6 AR-1254-5	9.453	8.485	23074934	7592681	85.196	25.244 #
31)	L7 AR-1260-1	8.885	7.895	10208621	11092512	57.389	61.139
32)	L7 AR-1260-2	9.151	8.098	108.4E6	11128247	429.511	45.359 #
33)	L7 AR-1260-3	9.529	8.262	9154944	10842352	39.955	50.956 #
34)	L7 AR-1260-4	9.767	8.760	19139840	6021109	74.958	29.765 #
35)	L7 AR-1260-5	10.119	9.012	22989014	19452996	34.129	32.960
36)	L8 AR-1262-1	9.591	8.544	3714111	6167238	24.165	42.988 #
37)	L8 AR-1262-2	10.119	9.012	22989014	19452996	26.261	26.250
38)	L8 AR-1262-3	10.472	9.305	16587738	3596686	26.122	11.369 #
39)	L8 AR-1262-4	10.548	9.372	4691263	16897790	9.369	30.048 #
40)	L8 AR-1262-5	11.257	9.896	6136000	5735140	15.072	20.081 #
41)	L9 AR-1268-1	10.472	9.305	16587738	3596686	11.644	3.146 #
42)	L9 AR-1268-2	10.548	9.372	4691263	16897790	3.557	16.461 #
43)	L9 AR-1268-3	0.000	9.587	0	6248059	N.D.	7.190 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081319\
Data File : PQ042403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 11:05
Operator : SM\AJ
Sample : K4183-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 07:47:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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
44) L9	AR-1268-4	11.257	9.896	6136000	5735140	11.271	14.909 #
45) L9	AR-1268-5	11.700	10.205	5313815	2036742	1.311	0.784 #

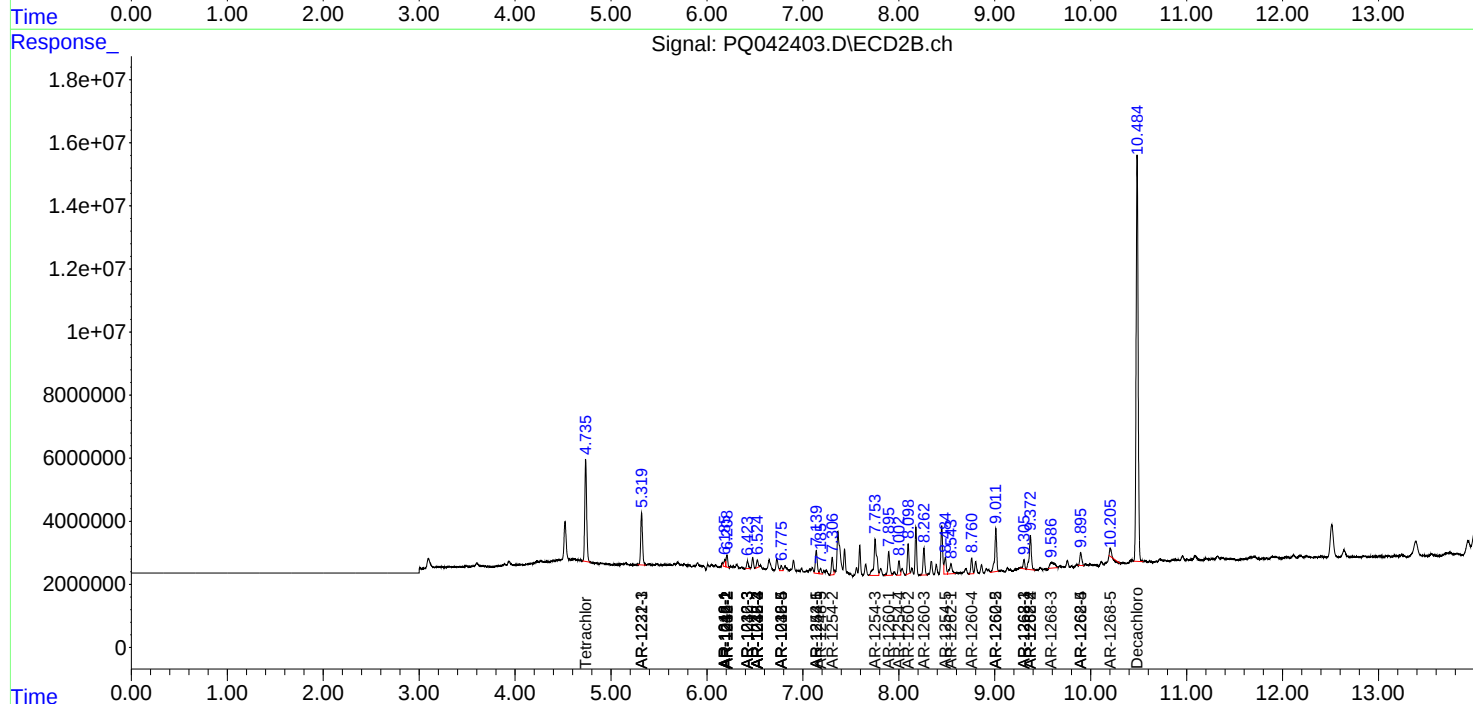
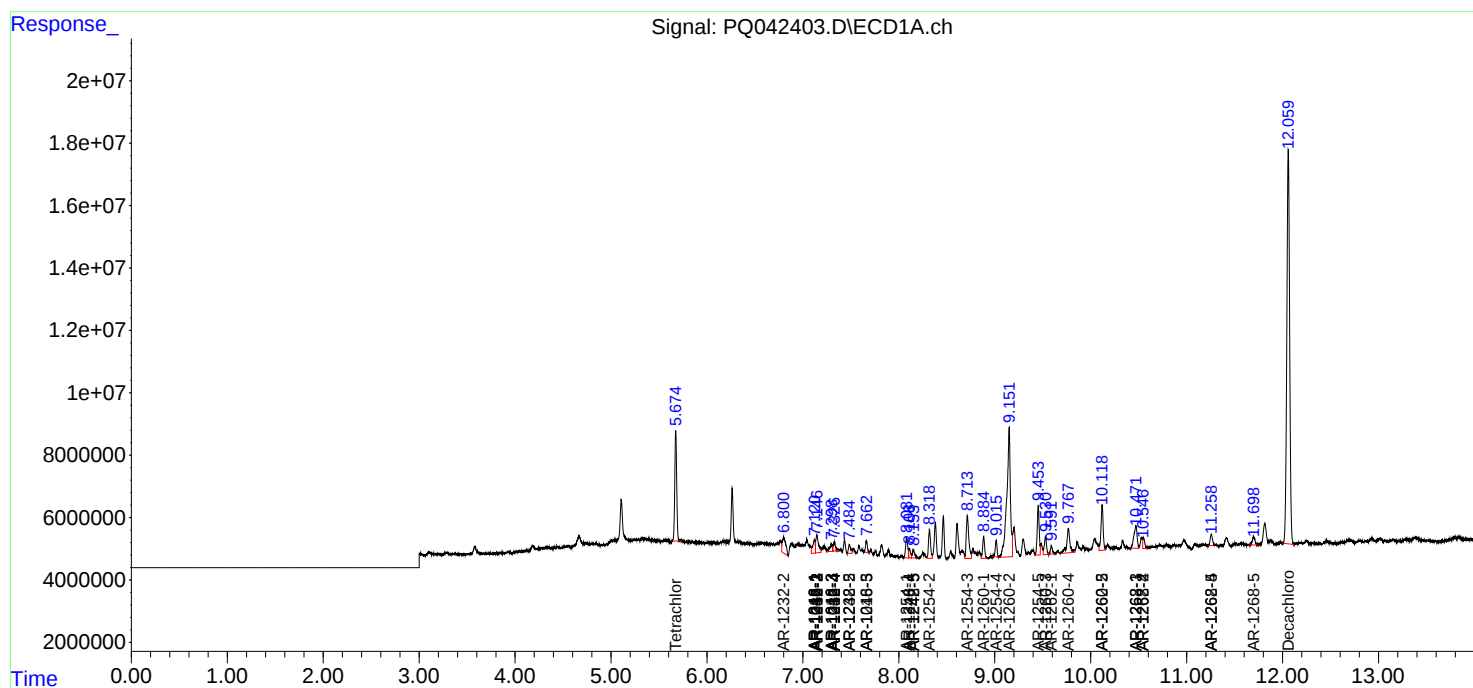
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

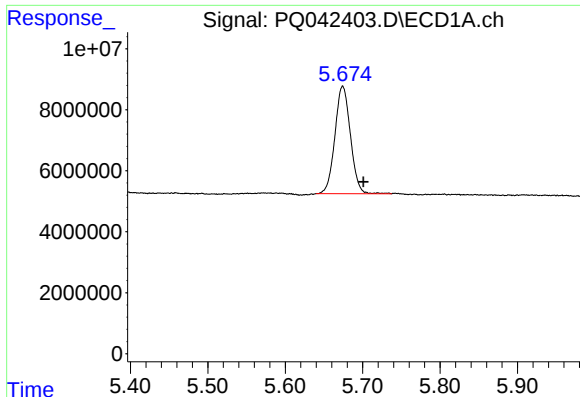
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ081319\
Data File : PQ042403.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 11:05
Operator : SM\AJ
Sample : K4183-14
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampled :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 07:47:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Mon Jul 29 04:03:40 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

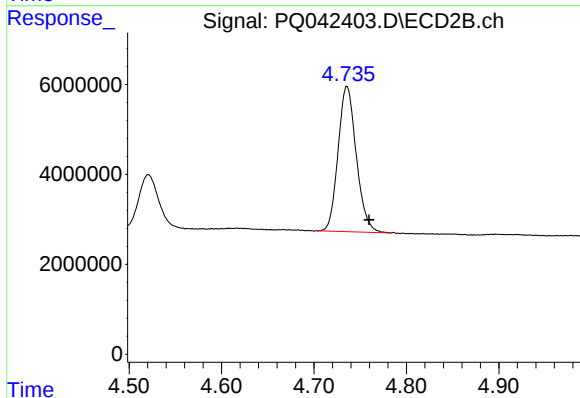




#1 Tetrachloro-m-xylene

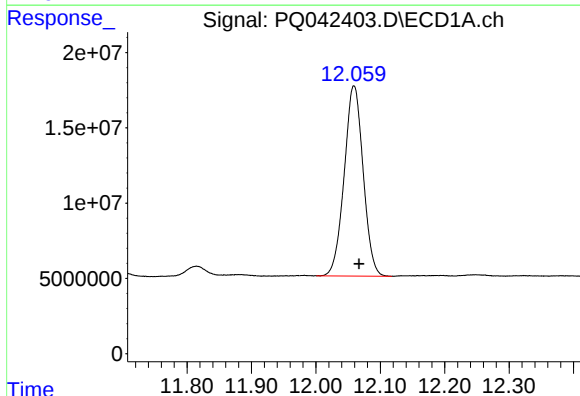
R.T.: 5.674 min
Delta R.T.: -0.027 min
Response: 49010959
Conc: 21.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



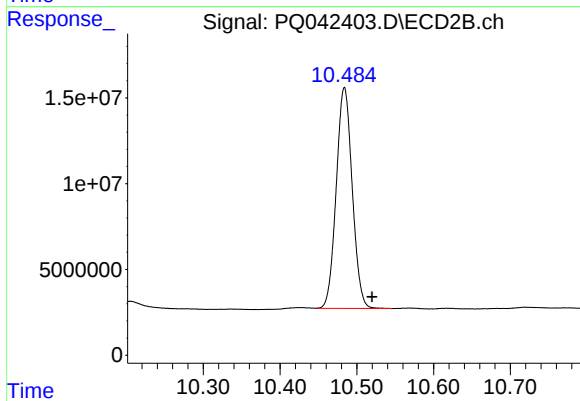
#1 Tetrachloro-m-xylene

R.T.: 4.735 min
Delta R.T.: -0.024 min
Response: 44252172
Conc: 22.96 ng/ml



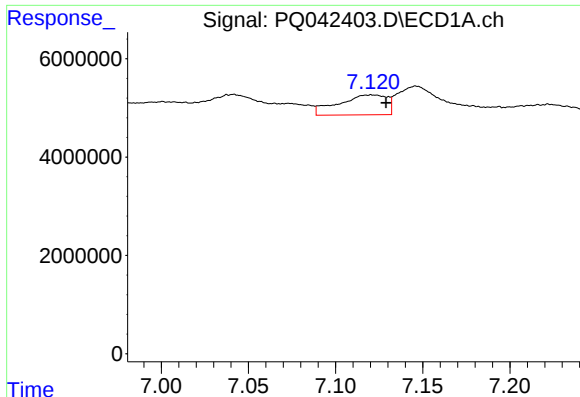
#2 Decachlorobiphenyl

R.T.: 12.059 min
Delta R.T.: -0.008 min
Response: 258255075
Conc: 30.63 ng/ml



#2 Decachlorobiphenyl

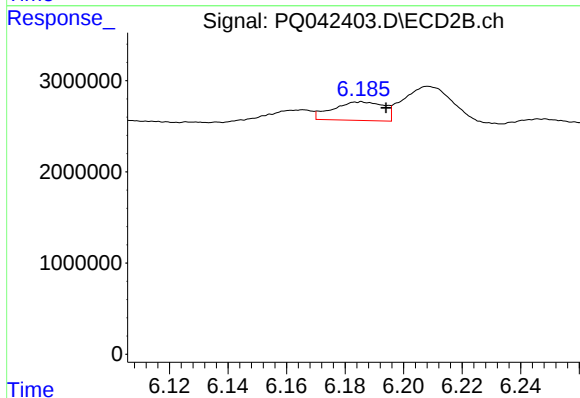
R.T.: 10.484 min
Delta R.T.: -0.036 min
Response: 186473743
Conc: 38.55 ng/ml



#3 AR-1016-1

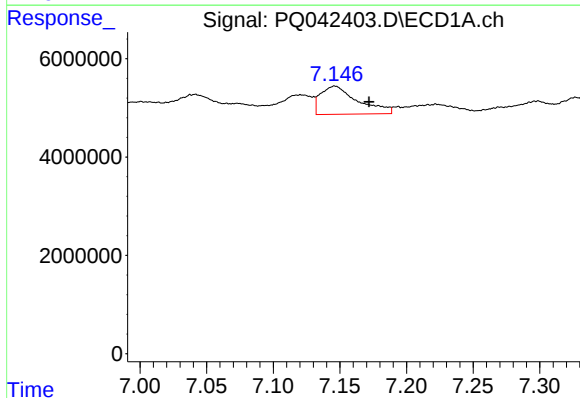
R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 7875413
Conc: 72.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



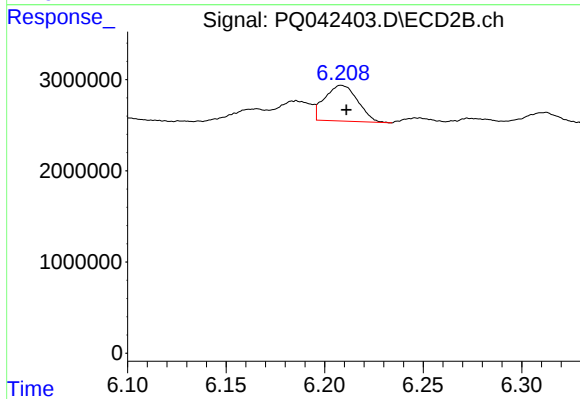
#3 AR-1016-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 2461331
Conc: 23.72 ng/ml



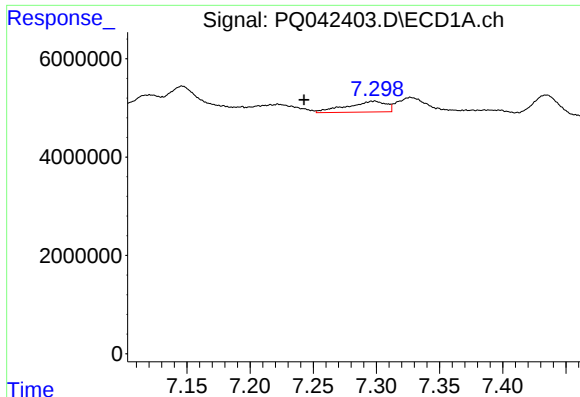
#4 AR-1016-2

R.T.: 7.146 min
Delta R.T.: -0.026 min
Response: 11117717
Conc: 71.03 ng/ml



#4 AR-1016-2

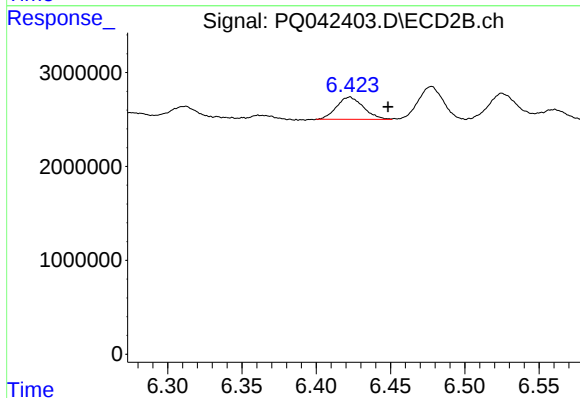
R.T.: 6.208 min
Delta R.T.: -0.003 min
Response: 4561872
Conc: 31.84 ng/ml



#5 AR-1016-3

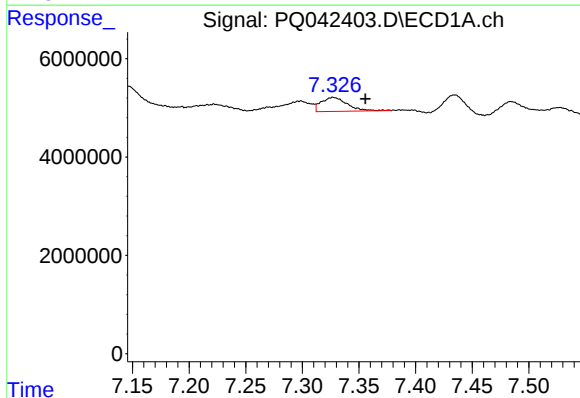
R.T.: 7.298 min
Delta R.T.: 0.056 min
Response: 4733645
Conc: 48.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :



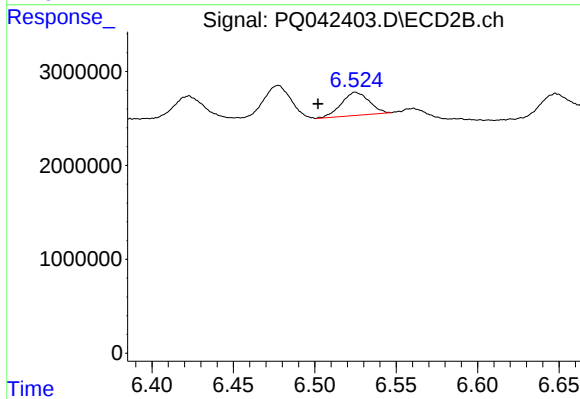
#5 AR-1016-3

R.T.: 6.423 min
Delta R.T.: -0.026 min
Response: 2982404
Conc: 39.99 ng/ml



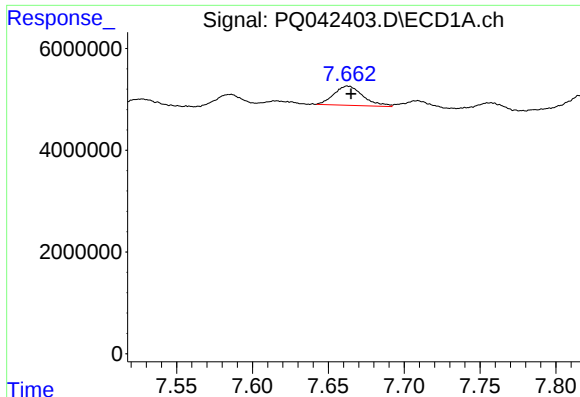
#6 AR-1016-4

R.T.: 7.327 min
Delta R.T.: -0.029 min
Response: 4543649
Conc: 58.24 ng/ml



#6 AR-1016-4

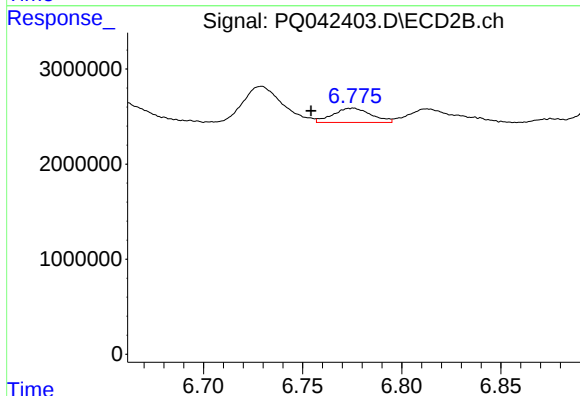
R.T.: 6.525 min
Delta R.T.: 0.023 min
Response: 2924589
Conc: 47.16 ng/ml



#7 AR-1016-5

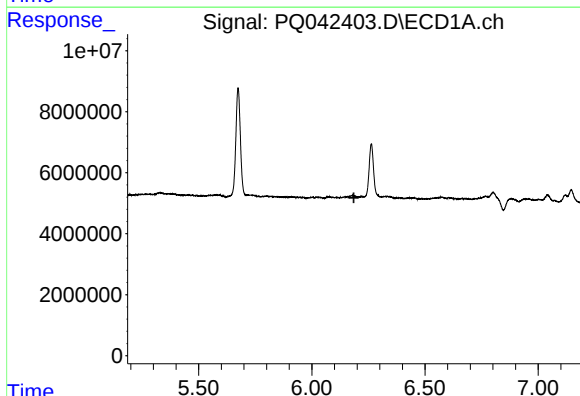
R.T.: 7.663 min
Delta R.T.: -0.002 min
Response: 5053694
Conc: 64.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



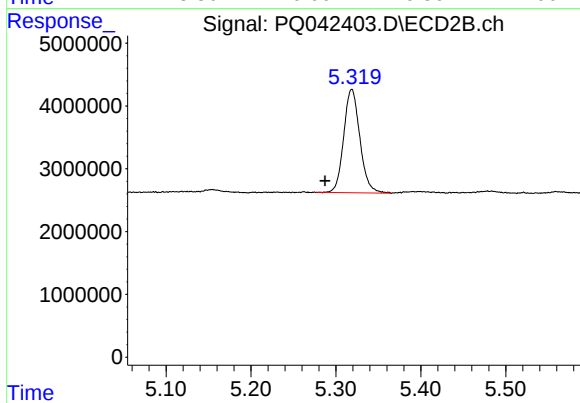
#7 AR-1016-5

R.T.: 6.776 min
Delta R.T.: 0.022 min
Response: 2016193
Conc: 24.77 ng/ml



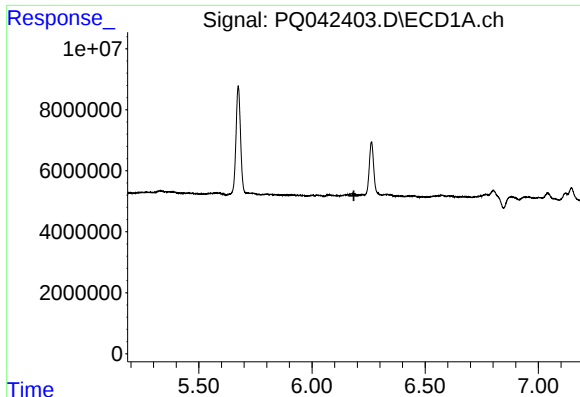
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

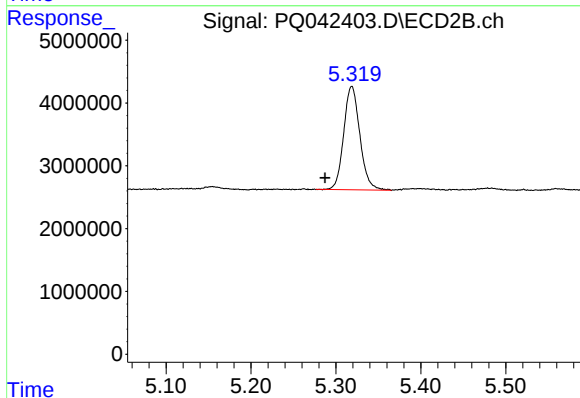
R.T.: 5.319 min
Delta R.T.: 0.032 min
Response: 21823471
Conc: 400.20 ng/ml



#11 AR-1232-1

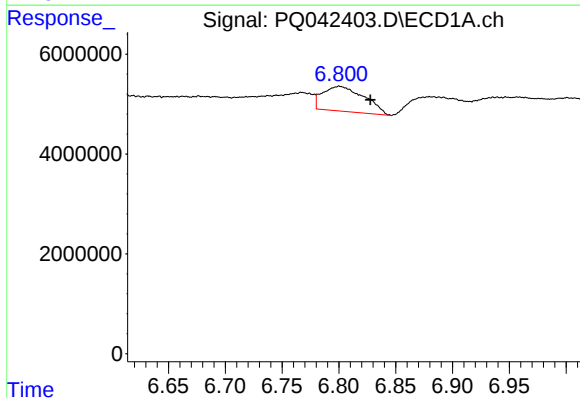
R.T.: 0.000 min
Exp R.T.: 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



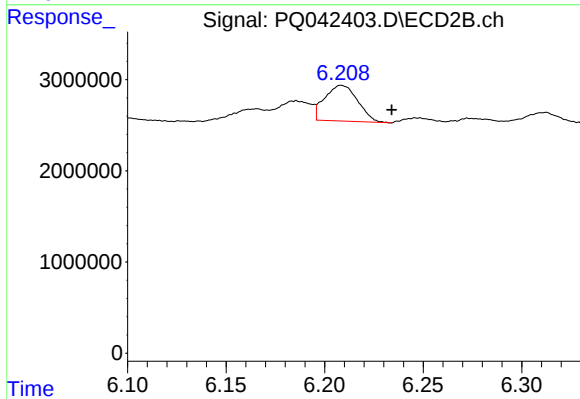
#11 AR-1232-1

R.T.: 5.319 min
Delta R.T.: 0.031 min
Response: 21823471
Conc: 451.95 ng/ml



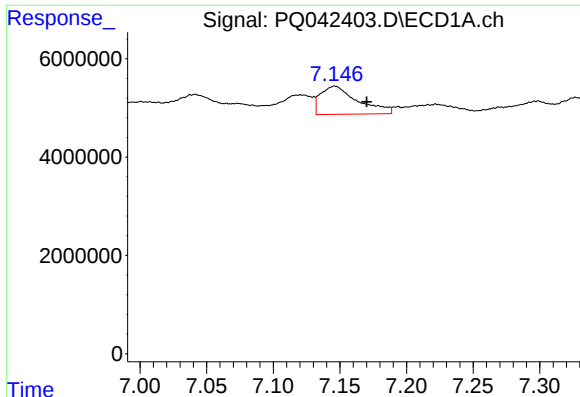
#12 AR-1232-2

R.T.: 6.800 min
Delta R.T.: -0.027 min
Response: 12744254
Conc: 387.87 ng/ml



#12 AR-1232-2

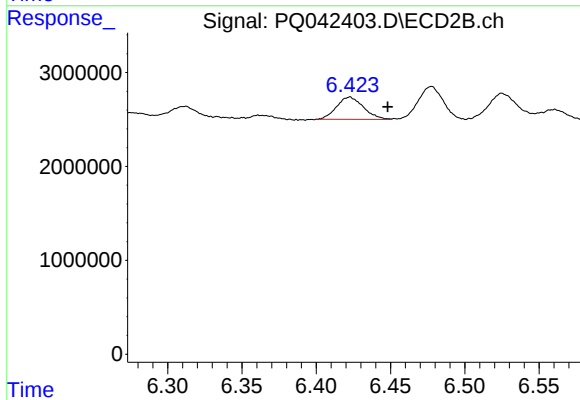
R.T.: 6.208 min
Delta R.T.: -0.026 min
Response: 4561872
Conc: 79.99 ng/ml



#13 AR-1232-3

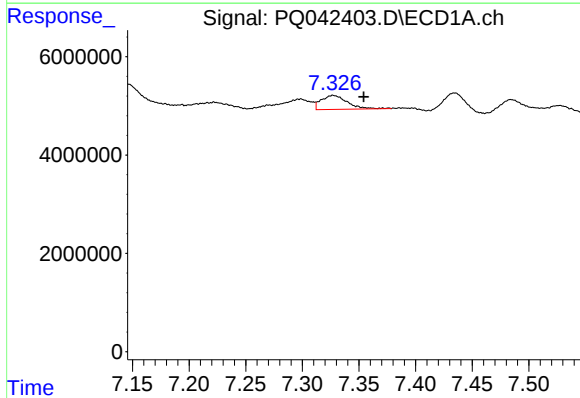
R.T.: 7.146 min
Delta R.T.: -0.024 min
Response: 11117717
Conc: 166.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



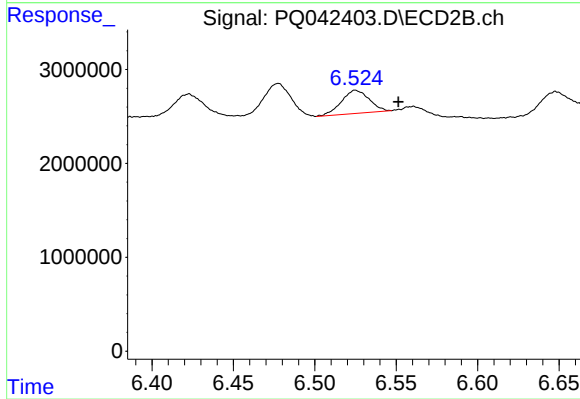
#13 AR-1232-3

R.T.: 6.423 min
Delta R.T.: -0.025 min
Response: 2982404
Conc: 100.02 ng/ml



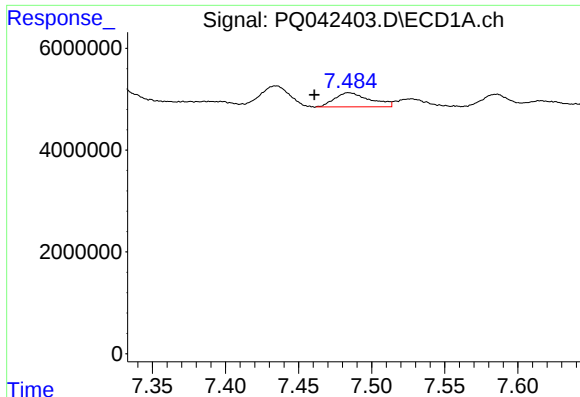
#14 AR-1232-4

R.T.: 7.327 min
Delta R.T.: -0.027 min
Response: 4543649
Conc: 141.65 ng/ml



#14 AR-1232-4

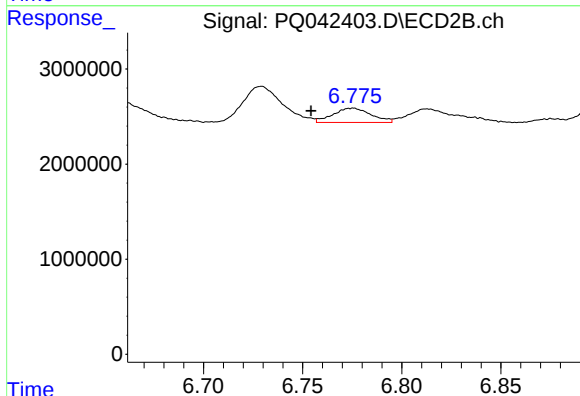
R.T.: 6.525 min
Delta R.T.: -0.026 min
Response: 2924589
Conc: 109.55 ng/ml



#15 AR-1232-5

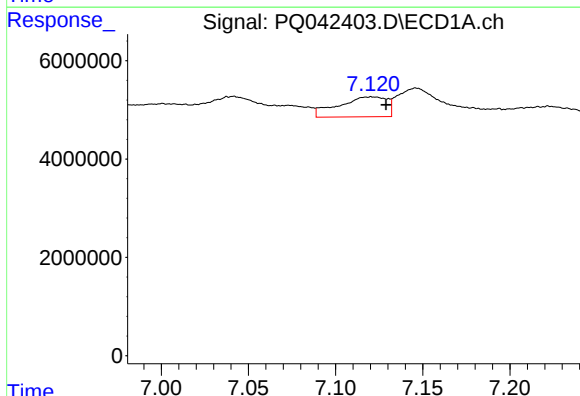
R.T.: 7.484 min
Delta R.T.: 0.023 min
Response: 4635172
Conc: 215.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



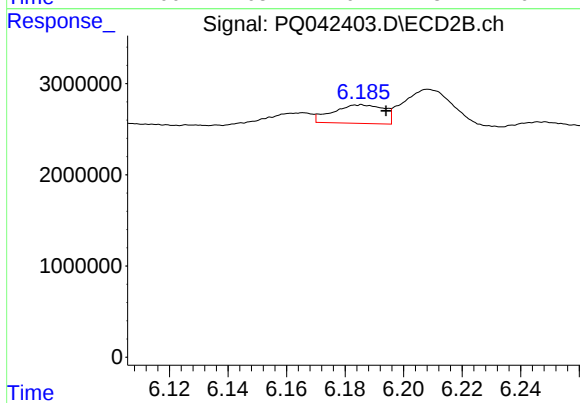
#15 AR-1232-5

R.T.: 6.776 min
Delta R.T.: 0.022 min
Response: 2016193
Conc: 68.75 ng/ml



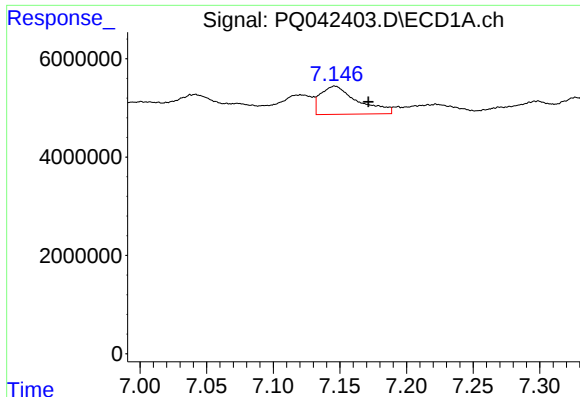
#16 AR-1242-1

R.T.: 7.121 min
Delta R.T.: -0.008 min
Response: 7875413
Conc: 88.04 ng/ml



#16 AR-1242-1

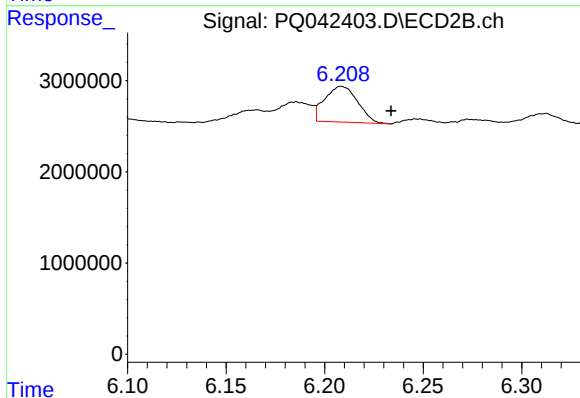
R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 2461331
Conc: 30.07 ng/ml



#17 AR-1242-2

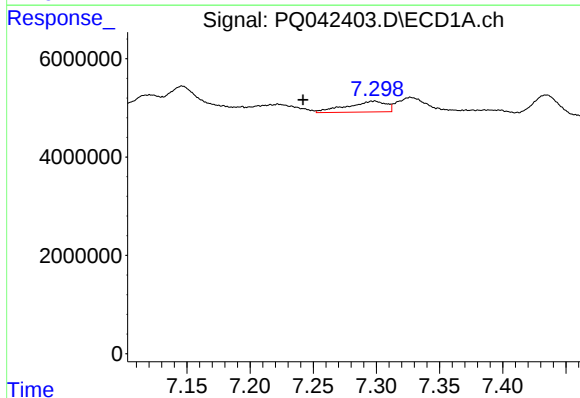
R.T.: 7.146 min
Delta R.T.: -0.025 min
Response: 11117717
Conc: 86.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



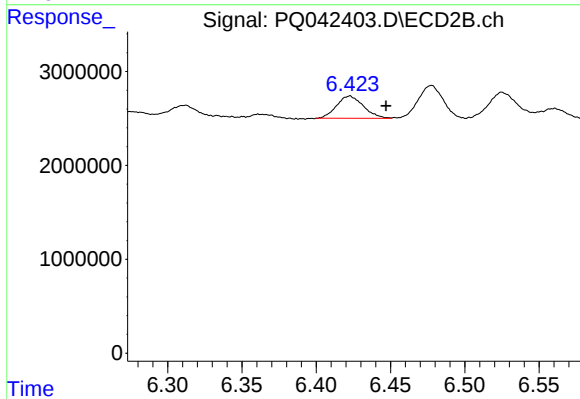
#17 AR-1242-2

R.T.: 6.208 min
Delta R.T.: -0.025 min
Response: 4561872
Conc: 40.39 ng/ml



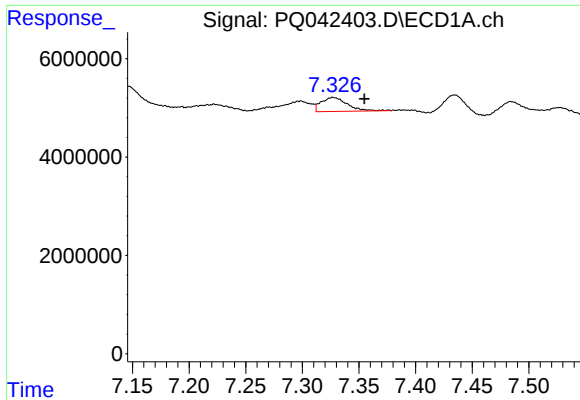
#18 AR-1242-3

R.T.: 7.298 min
Delta R.T.: 0.056 min
Response: 4733645
Conc: 58.38 ng/ml



#18 AR-1242-3

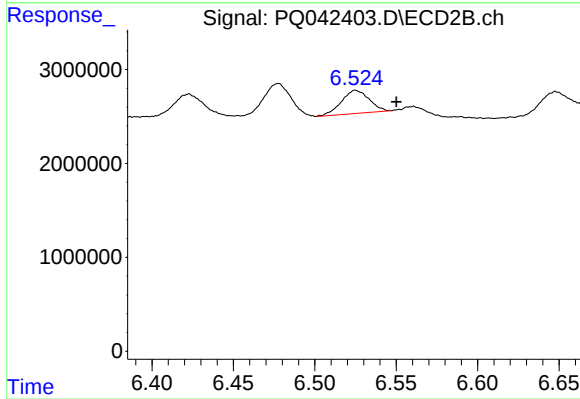
R.T.: 6.423 min
Delta R.T.: -0.024 min
Response: 2982404
Conc: 50.49 ng/ml



#19 AR-1242-4

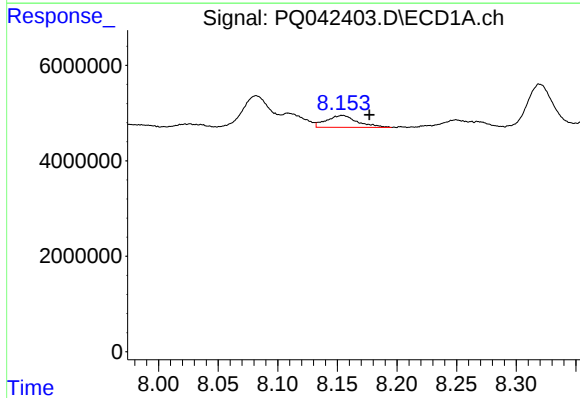
R.T.: 7.327 min
Delta R.T.: -0.027 min
Response: 4543649
Conc: 70.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



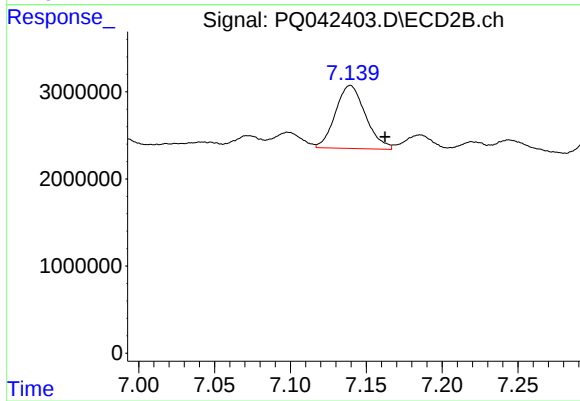
#19 AR-1242-4

R.T.: 6.525 min
Delta R.T.: -0.025 min
Response: 2924589
Conc: 49.32 ng/ml



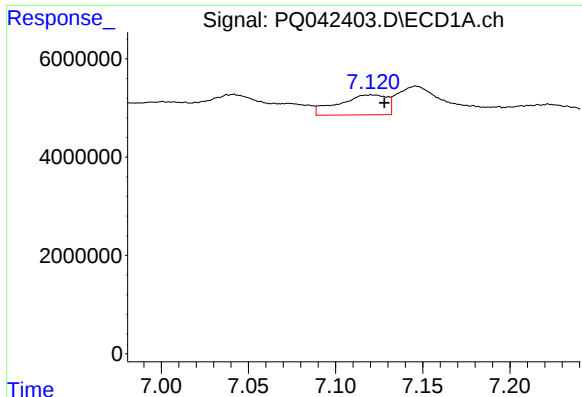
#20 AR-1242-5

R.T.: 8.154 min
Delta R.T.: -0.022 min
Response: 4485370
Conc: 50.55 ng/ml



#20 AR-1242-5

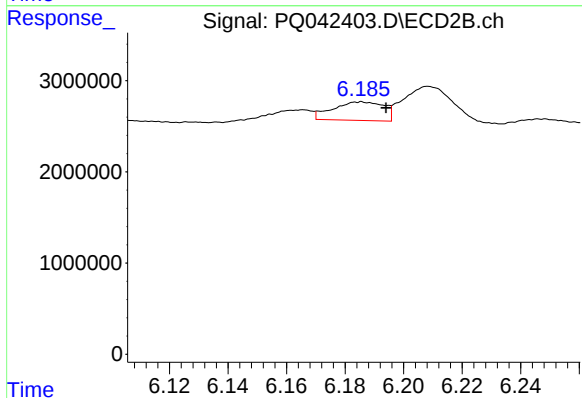
R.T.: 7.140 min
Delta R.T.: -0.023 min
Response: 9953064
Conc: 112.09 ng/ml



#21 AR-1248-1

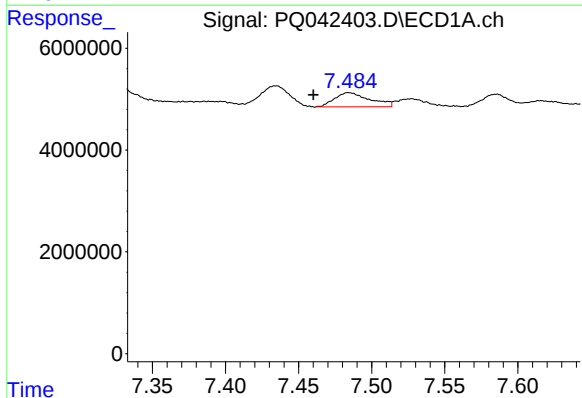
R.T.: 7.121 min
Delta R.T.: -0.007 min
Response: 7875413
Conc: 106.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



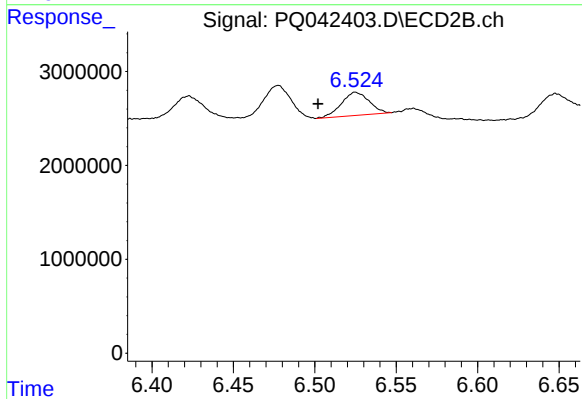
#21 AR-1248-1

R.T.: 6.186 min
Delta R.T.: -0.008 min
Response: 2461331
Conc: 37.12 ng/ml



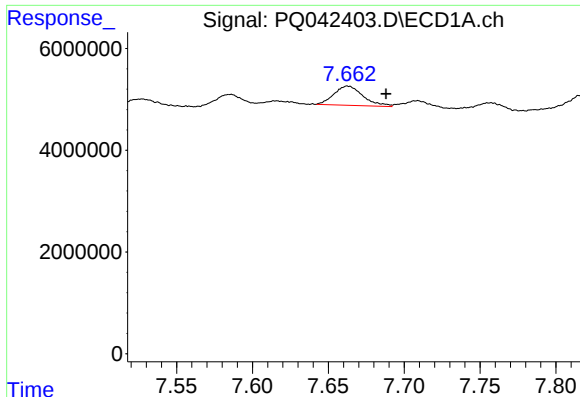
#22 AR-1248-2

R.T.: 7.484 min
Delta R.T.: 0.024 min
Response: 4635172
Conc: 50.24 ng/ml



#22 AR-1248-2

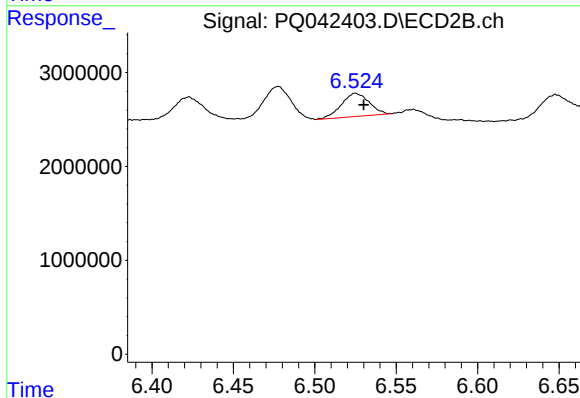
R.T.: 6.525 min
Delta R.T.: 0.023 min
Response: 2924589
Conc: 33.54 ng/ml



#23 AR-1248-3

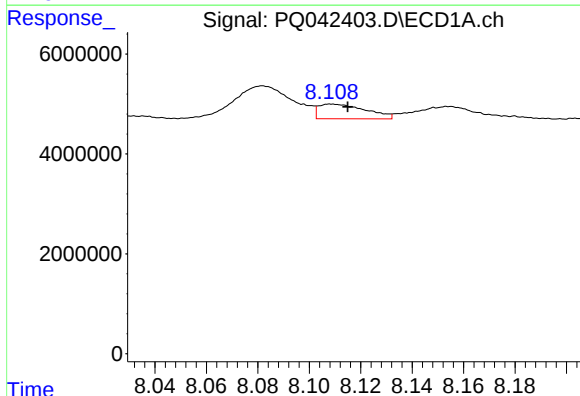
R.T.: 7.663 min
Delta R.T.: -0.025 min
Response: 5053694
Conc: 45.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



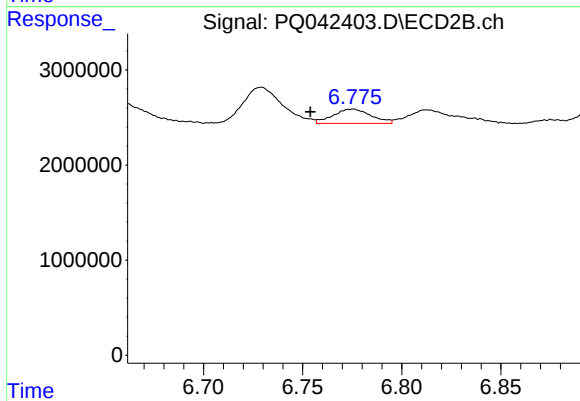
#23 AR-1248-3

R.T.: 6.525 min
Delta R.T.: -0.005 min
Response: 2924589
Conc: 32.77 ng/ml



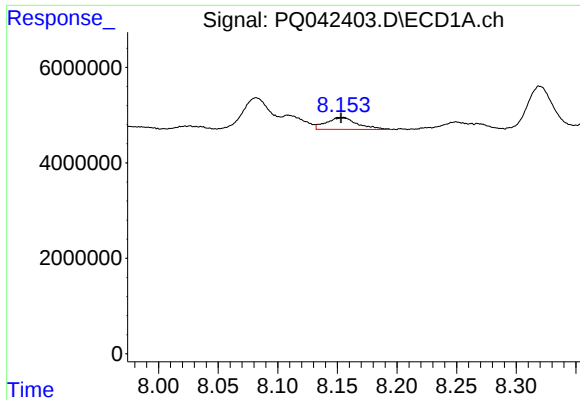
#24 AR-1248-4

R.T.: 8.109 min
Delta R.T.: -0.006 min
Response: 3756020
Conc: 24.02 ng/ml



#24 AR-1248-4

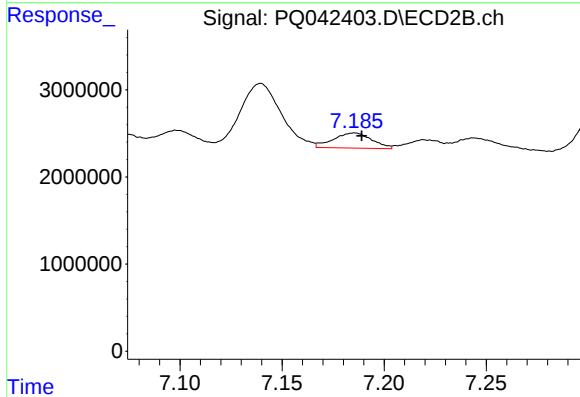
R.T.: 6.776 min
Delta R.T.: 0.022 min
Response: 2016193
Conc: 18.31 ng/ml



#25 AR-1248-5

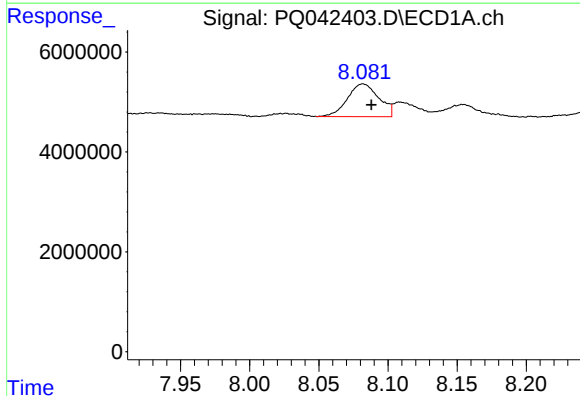
R.T.: 8.154 min
Delta R.T.: 0.001 min
Response: 4485370
Conc: 29.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



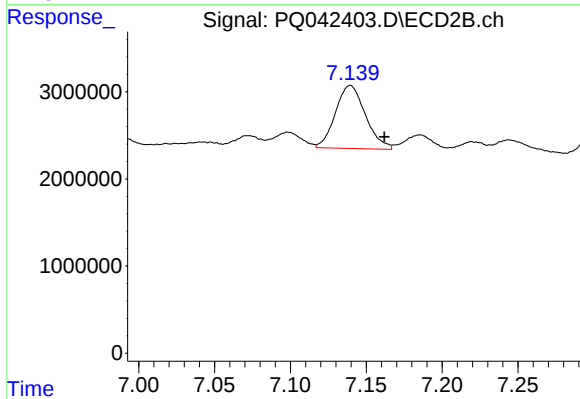
#25 AR-1248-5

R.T.: 7.186 min
Delta R.T.: -0.003 min
Response: 2268944
Conc: 17.70 ng/ml



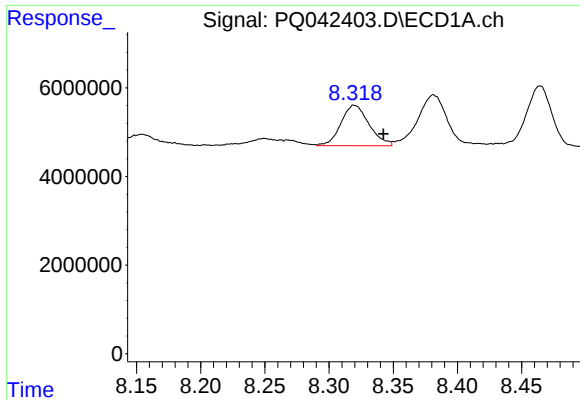
#26 AR-1254-1

R.T.: 8.082 min
Delta R.T.: -0.006 min
Response: 10377836
Conc: 74.60 ng/ml



#26 AR-1254-1

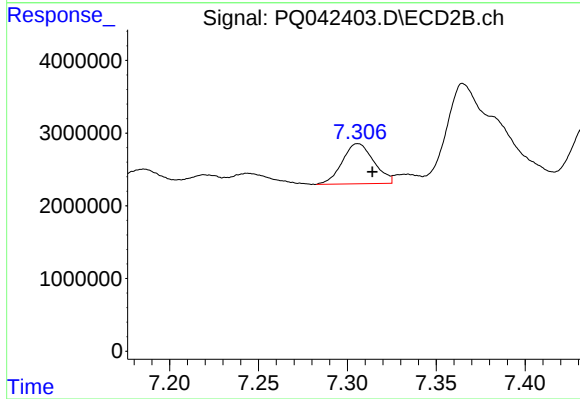
R.T.: 7.140 min
Delta R.T.: -0.022 min
Response: 9953064
Conc: 54.42 ng/ml



#27 AR-1254-2

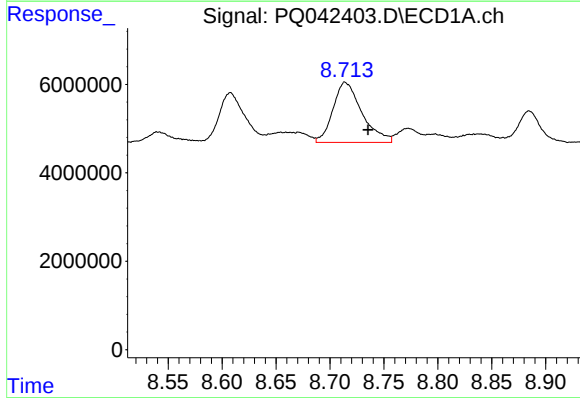
R.T.: 8.320 min
Delta R.T.: -0.023 min
Response: 13909454
Conc: 60.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



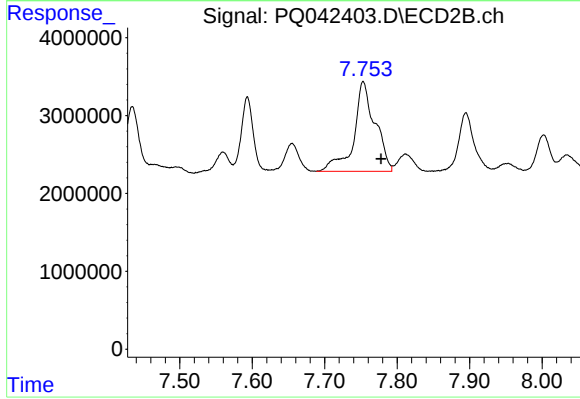
#27 AR-1254-2

R.T.: 7.306 min
Delta R.T.: -0.008 min
Response: 6824755
Conc: 42.16 ng/ml



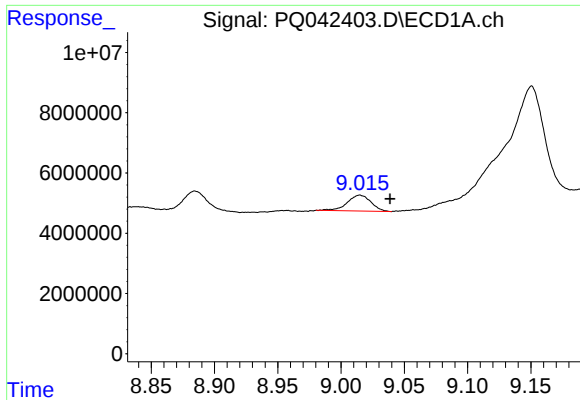
#28 AR-1254-3

R.T.: 8.714 min
Delta R.T.: -0.021 min
Response: 25407964
Conc: 92.92 ng/ml



#28 AR-1254-3

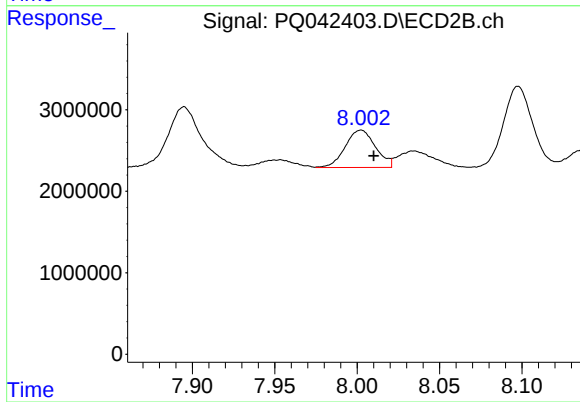
R.T.: 7.753 min
Delta R.T.: -0.025 min
Response: 23572748
Conc: 81.73 ng/ml



#29 AR-1254-4

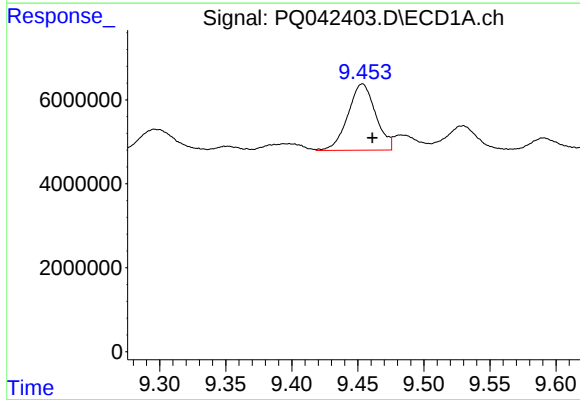
R.T.: 9.015 min
Delta R.T.: -0.024 min
Response: 6823989
Conc: 27.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :



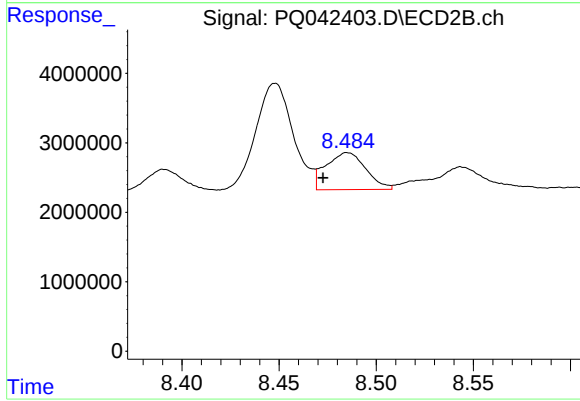
#29 AR-1254-4

R.T.: 8.002 min
Delta R.T.: -0.008 min
Response: 5884840
Conc: 27.11 ng/ml



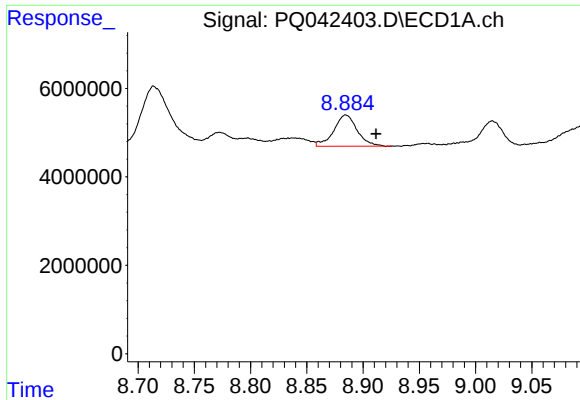
#30 AR-1254-5

R.T.: 9.453 min
Delta R.T.: -0.008 min
Response: 23074934
Conc: 85.20 ng/ml



#30 AR-1254-5

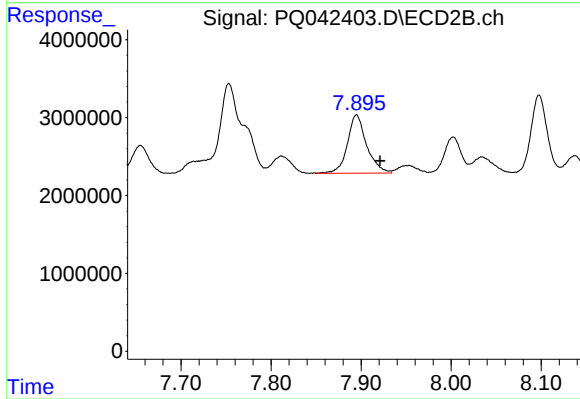
R.T.: 8.485 min
Delta R.T.: 0.013 min
Response: 7592681
Conc: 25.24 ng/ml



#31 AR-1260-1

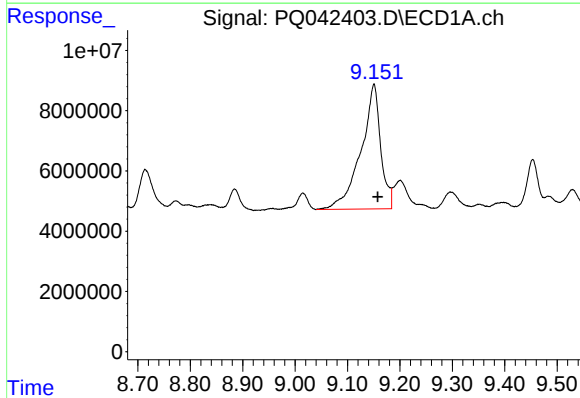
R.T.: 8.885 min
Delta R.T.: -0.027 min
Response: 10208621
Conc: 57.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



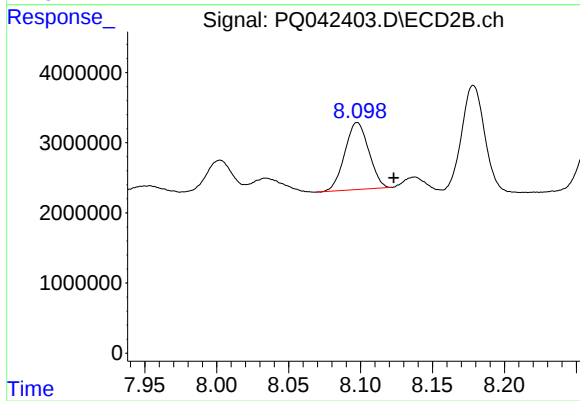
#31 AR-1260-1

R.T.: 7.895 min
Delta R.T.: -0.026 min
Response: 11092512
Conc: 61.14 ng/ml



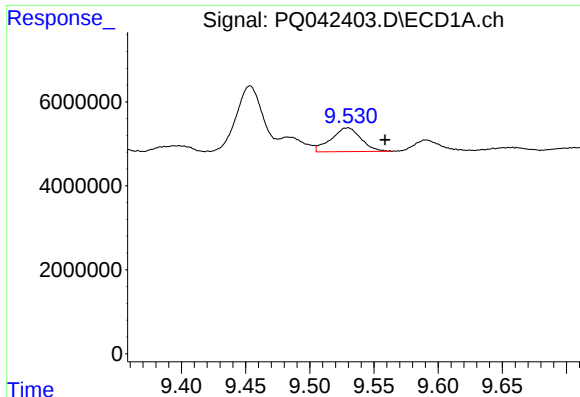
#32 AR-1260-2

R.T.: 9.151 min
Delta R.T.: -0.007 min
Response: 108354901
Conc: 429.51 ng/ml



#32 AR-1260-2

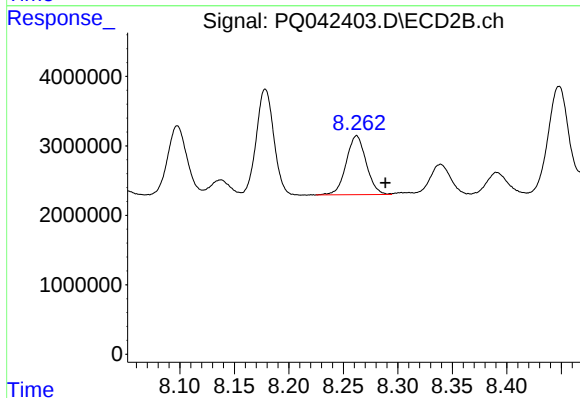
R.T.: 8.098 min
Delta R.T.: -0.025 min
Response: 11128247
Conc: 45.36 ng/ml



#33 AR-1260-3

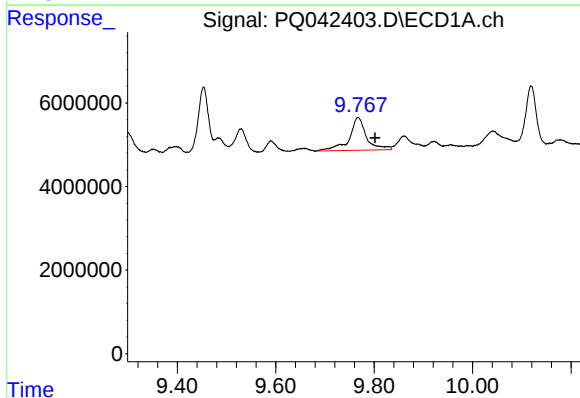
R.T.: 9.529 min
Delta R.T.: -0.029 min
Response: 9154944
Conc: 39.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



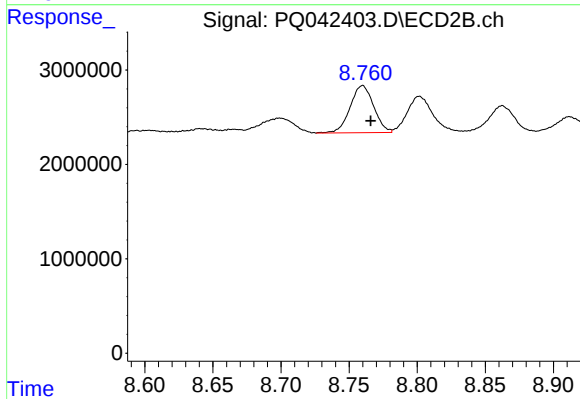
#33 AR-1260-3

R.T.: 8.262 min
Delta R.T.: -0.027 min
Response: 10842352
Conc: 50.96 ng/ml



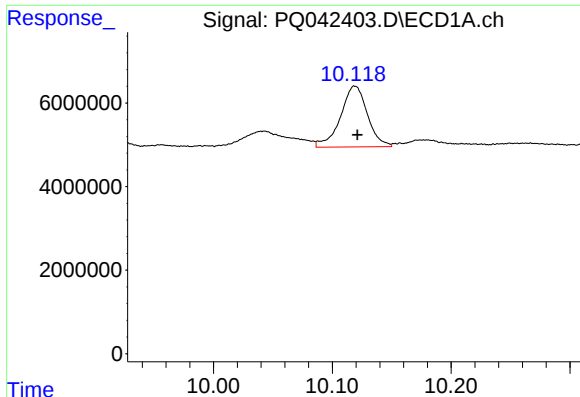
#34 AR-1260-4

R.T.: 9.767 min
Delta R.T.: -0.034 min
Response: 19139840
Conc: 74.96 ng/ml



#34 AR-1260-4

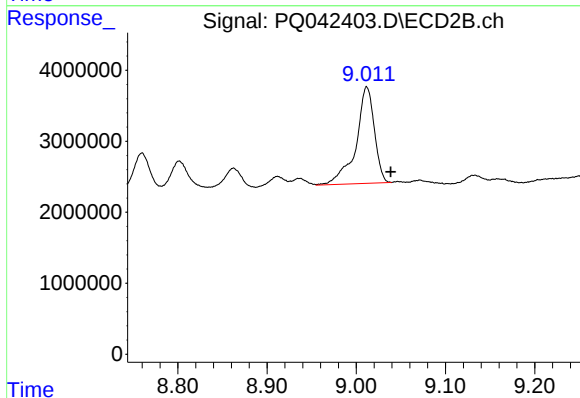
R.T.: 8.760 min
Delta R.T.: -0.006 min
Response: 6021109
Conc: 29.76 ng/ml



#35 AR-1260-5

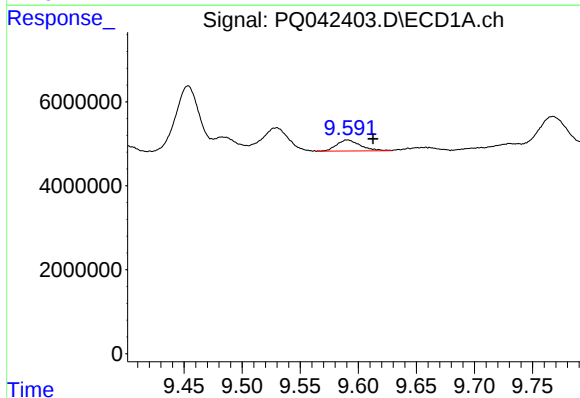
R.T.: 10.119 min
Delta R.T.: -0.002 min
Response: 22989014
Conc: 34.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



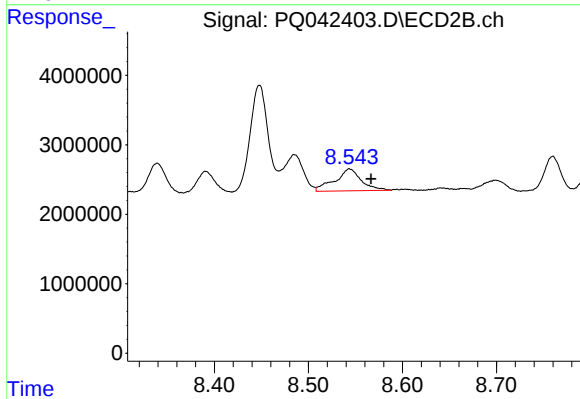
#35 AR-1260-5

R.T.: 9.012 min
Delta R.T.: -0.027 min
Response: 19452996
Conc: 32.96 ng/ml



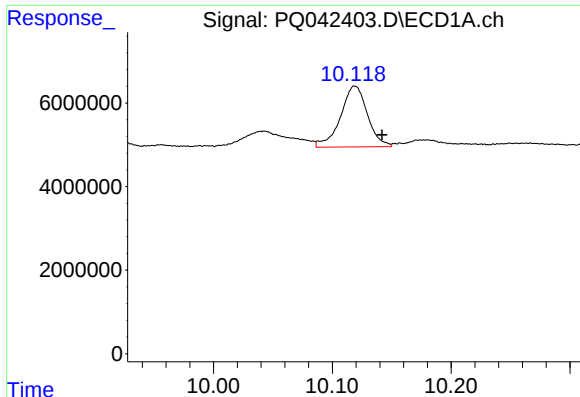
#36 AR-1262-1

R.T.: 9.591 min
Delta R.T.: -0.022 min
Response: 3714111
Conc: 24.17 ng/ml



#36 AR-1262-1

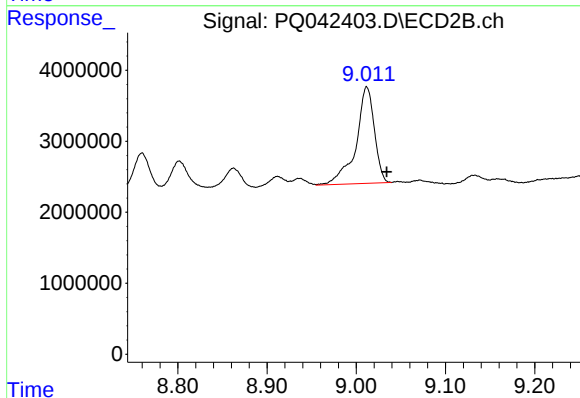
R.T.: 8.544 min
Delta R.T.: -0.023 min
Response: 6167238
Conc: 42.99 ng/ml



#37 AR-1262-2

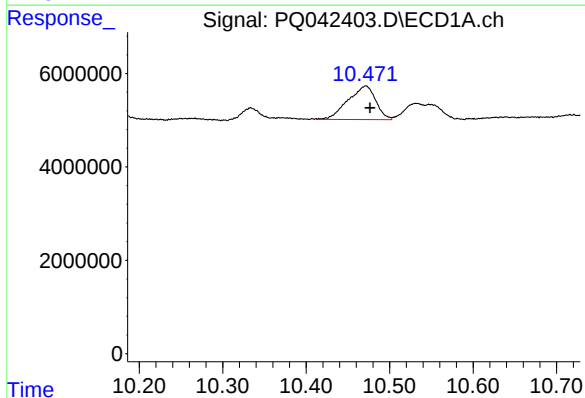
R.T.: 10.119 min
Delta R.T.: -0.023 min
Response: 22989014
Conc: 26.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



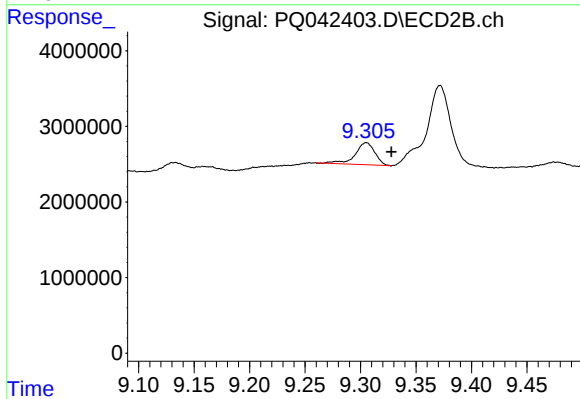
#37 AR-1262-2

R.T.: 9.012 min
Delta R.T.: -0.023 min
Response: 19452996
Conc: 26.25 ng/ml



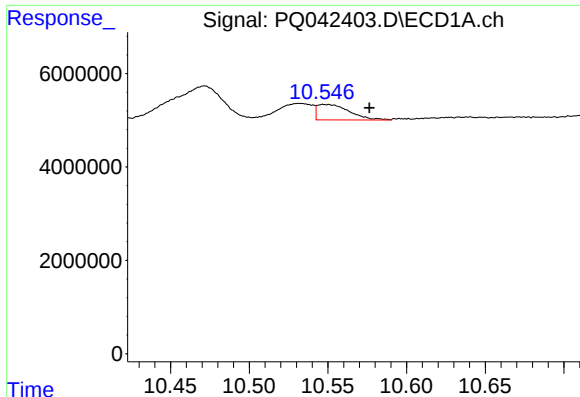
#38 AR-1262-3

R.T.: 10.472 min
Delta R.T.: -0.005 min
Response: 16587738
Conc: 26.12 ng/ml



#38 AR-1262-3

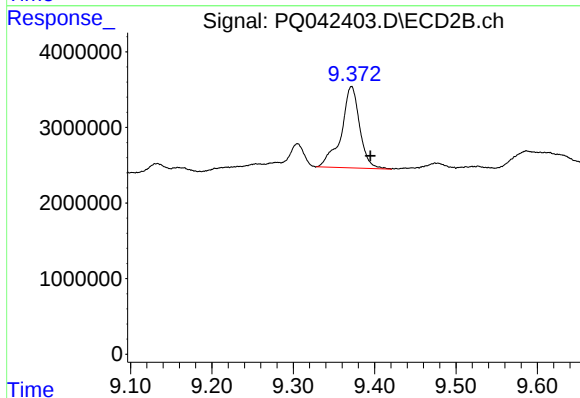
R.T.: 9.305 min
Delta R.T.: -0.023 min
Response: 3596686
Conc: 11.37 ng/ml



#39 AR-1262-4

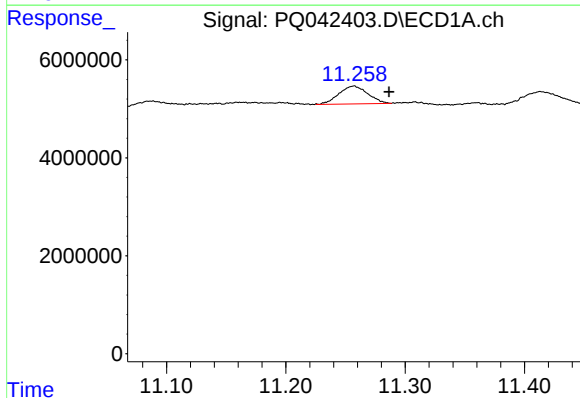
R.T.: 10.548 min
Delta R.T.: -0.029 min
Response: 4691263
Conc: 9.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



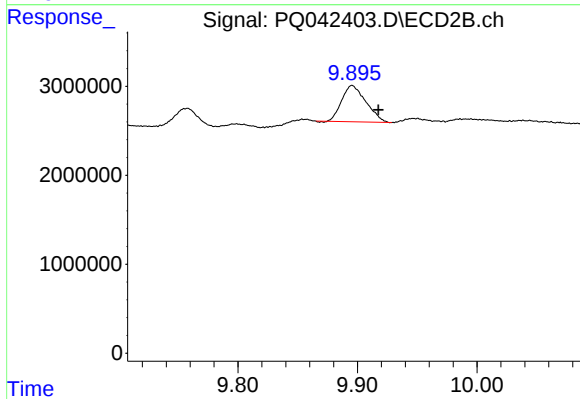
#39 AR-1262-4

R.T.: 9.372 min
Delta R.T.: -0.023 min
Response: 16897790
Conc: 30.05 ng/ml



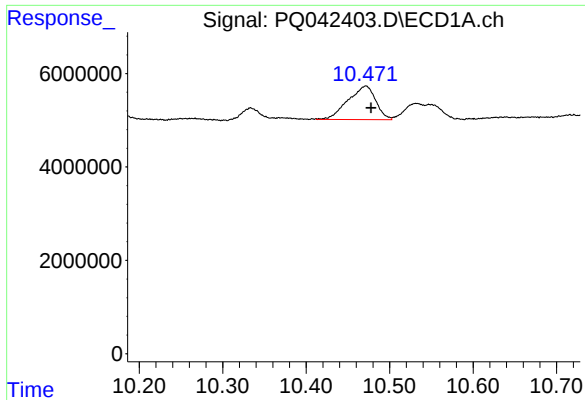
#40 AR-1262-5

R.T.: 11.257 min
Delta R.T.: -0.030 min
Response: 6136000
Conc: 15.07 ng/ml



#40 AR-1262-5

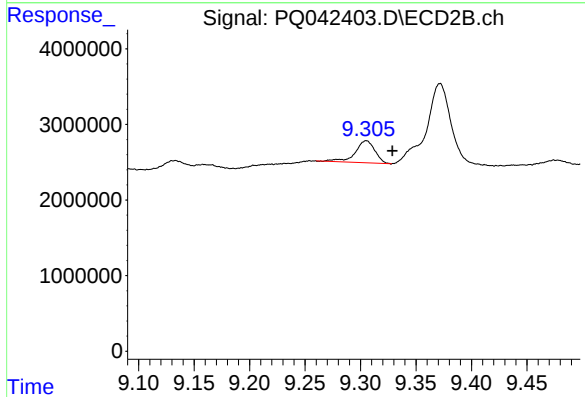
R.T.: 9.896 min
Delta R.T.: -0.022 min
Response: 5735140
Conc: 20.08 ng/ml



#41 AR-1268-1

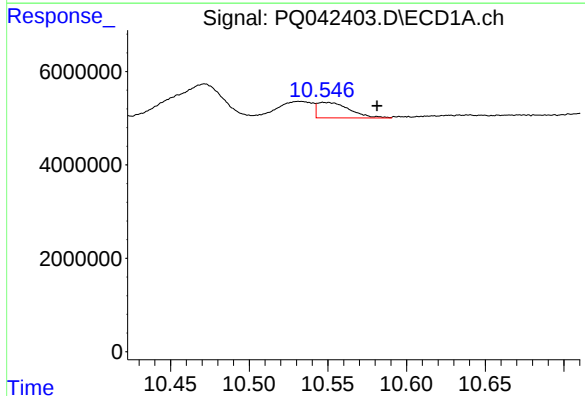
R.T.: 10.472 min
Delta R.T.: -0.006 min
Response: 16587738
Conc: 11.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



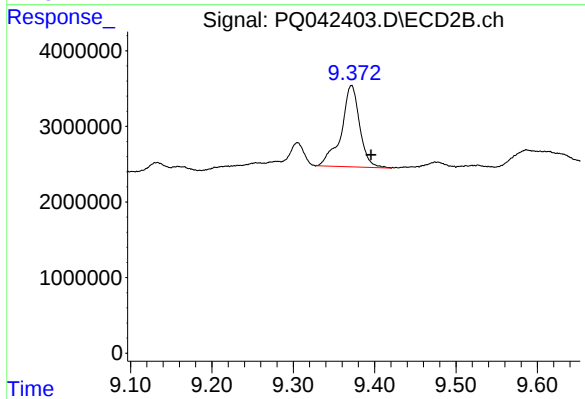
#41 AR-1268-1

R.T.: 9.305 min
Delta R.T.: -0.023 min
Response: 3596686
Conc: 3.15 ng/ml



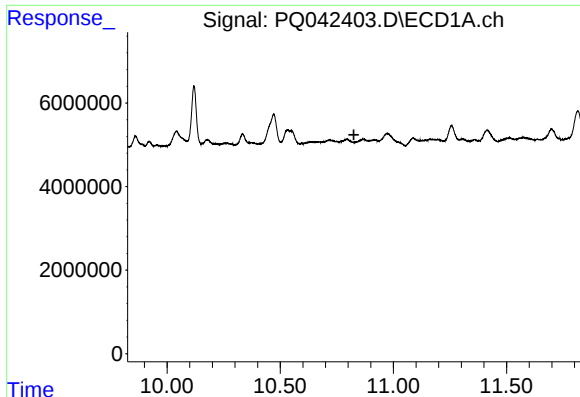
#42 AR-1268-2

R.T.: 10.548 min
Delta R.T.: -0.033 min
Response: 4691263
Conc: 3.56 ng/ml



#42 AR-1268-2

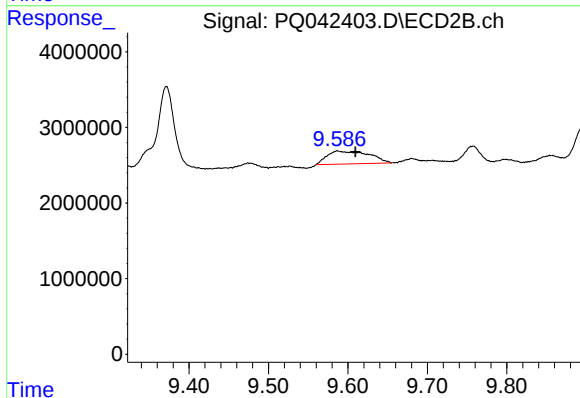
R.T.: 9.372 min
Delta R.T.: -0.024 min
Response: 16897790
Conc: 16.46 ng/ml



#43 AR-1268-3

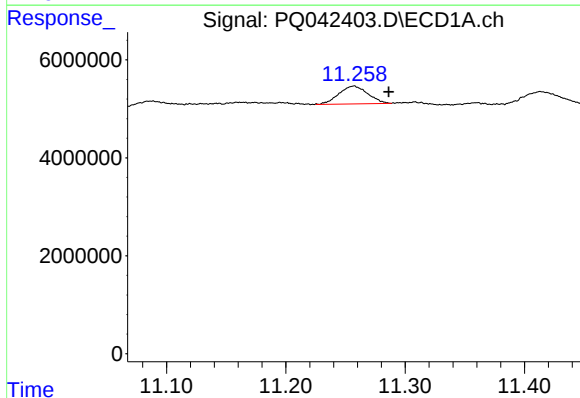
R.T.: 0.000 min
Exp R.T.: 10.825 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



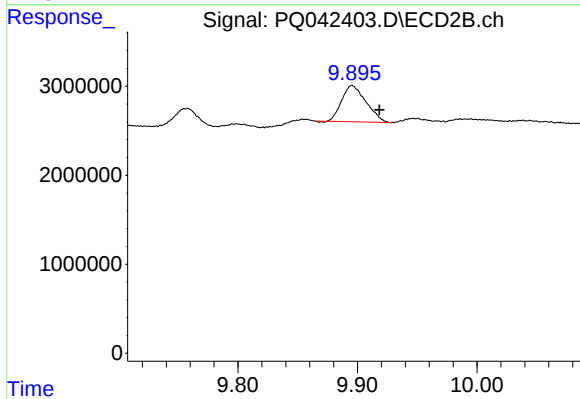
#43 AR-1268-3

R.T.: 9.587 min
Delta R.T.: -0.023 min
Response: 6248059
Conc: 7.19 ng/ml



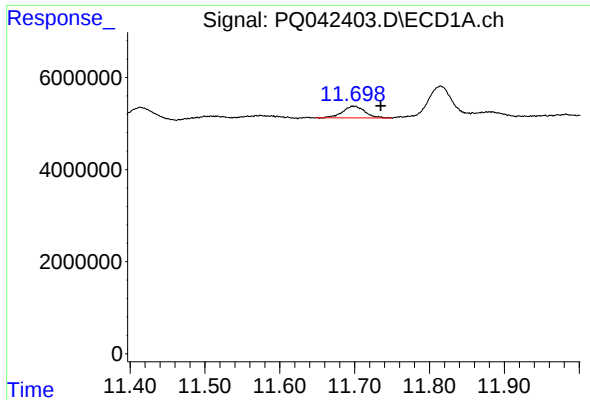
#44 AR-1268-4

R.T.: 11.257 min
Delta R.T.: -0.029 min
Response: 6136000
Conc: 11.27 ng/ml



#44 AR-1268-4

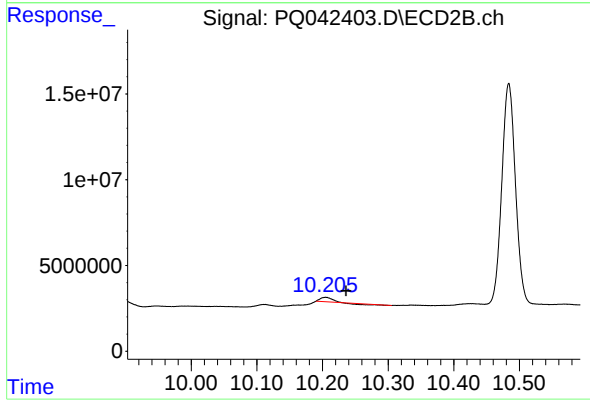
R.T.: 9.896 min
Delta R.T.: -0.023 min
Response: 5735140
Conc: 14.91 ng/ml



#45 AR-1268-5

R.T.: 11.700 min
Delta R.T.: -0.035 min
Response: 5313815
Conc: 1.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 10.205 min
Delta R.T.: -0.031 min
Response: 2036742
Conc: 0.78 ng/ml