

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042838.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 02:58
 Operator : SM\AJ
 Sample : K4503-15
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQA7

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:49:16 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 21 06:41:55 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...	5.623	4.686	49995345	47879226	16.843	19.105
2)	SA Decachlor...	11.972	10.415	201.6E6	170.5E6	26.700	27.920
Target Compounds							
3)	L1 AR-1016-1	7.061	0.000	794172	0	6.526	N.D. #
4)	L1 AR-1016-2	7.124	6.223	2569493	4356406	13.962	27.138 #
5)	L1 AR-1016-3	7.127	6.429	2588594	5183255	20.818	60.452 #
6)	L1 AR-1016-4	7.304	6.429	187869	5183255	2.126	71.781 #
7)	L1 AR-1016-5	7.665	6.684	41037925	57927686	485.255	646.760 #
9)	L2 AR-1221-2	6.014	0.000	305868	0	12.555	N.D. #
12)	L3 AR-1232-2	6.713	6.223	4255521	4356406	115.614	57.029 #
13)	L3 AR-1232-3	7.124	6.429	2569493	5183255	30.737	127.743 #
14)	L3 AR-1232-4	7.304	6.429	187869	5183255	4.608	130.290 #
15)	L3 AR-1232-5	7.374	6.684	889760	57927686	36.378	1460.784 #
16)	L4 AR-1242-1	7.061	0.000	794172	0	7.610	N.D. #
17)	L4 AR-1242-2	7.124	6.223	2569493	4356406	16.869	30.742 #
18)	L4 AR-1242-3	7.127	6.429	2588594	5183255	25.400	68.486 #
19)	L4 AR-1242-4	7.304	6.429	187869	5183255	2.443	67.689 #
20)	L4 AR-1242-5	8.124	7.077	42883936	89588196	454.497	799.210 #
21)	L5 AR-1248-1	7.061	0.000	794172	0	9.525	N.D. #
22)	L5 AR-1248-2	7.374	6.429	889760	5183255	8.712	47.051 #
23)	L5 AR-1248-3	7.665	6.429	41037925	5183255	323.391	45.993 #
24)	L5 AR-1248-4	8.067	6.684	142.6E6	57927686	860.317	424.017 #
25)	L5 AR-1248-5	8.124	7.138	42883936	25640782	269.355	162.877 #
26)	L6 AR-1254-1	8.004	7.077	7634904	89588196	52.034	397.031 #
27)	L6 AR-1254-2	8.267	7.249	16398336	18948828	68.362	93.711 #
28)	L6 AR-1254-3	8.667	7.722	18943611	17600148	66.448	49.980
29)	L6 AR-1254-4	8.937	7.968	1761093	11271244	7.386	43.924 #
30)	L6 AR-1254-5	9.418	8.394	23482446	13399711	90.947	36.876 #
31)	L7 AR-1260-1	8.830	7.851	6435381	8451774	36.504	41.425
32)	L7 AR-1260-2	9.099	8.047	23206688	7788590	96.550	29.075 #
33)	L7 AR-1260-3	9.461	8.284	4905241	5731159	22.688	24.044
34)	L7 AR-1260-4	9.713	0.000	4241806	0	17.468	N.D. #
35)	L7 AR-1260-5	10.059	8.959	6521173	5246730	10.985	8.425
36)	L8 AR-1262-1	9.540	8.428	627371	12760925	4.353	74.546 #
37)	L8 AR-1262-2	10.059	8.959	6521173	5246730	8.667	6.281 #
38)	L8 AR-1262-3	10.408	9.316	4748254	5887541	8.829	16.564 #
39)	L8 AR-1262-4	10.490	9.316	628122	5887541	1.445	9.131 #
40)	L8 AR-1262-5	11.184	0.000	1997679	0	5.824	N.D. #
41)	L9 AR-1268-1	10.408	9.316	4748254	5887541	4.966	5.865
42)	L9 AR-1268-2	10.490	9.316	628122	5887541	0.674	6.270 #
43)	L9 AR-1268-3	10.730	9.528	1224854	4397578	1.512	5.521 #
44)	L9 AR-1268-4	11.184	0.000	1997679	0	5.384	N.D. #
45)	L9 AR-1268-5	11.618	10.146	8922405	7096148	3.153	2.768

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
Data File : PQ042838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2019 02:58
Operator : SM\AJ
Sample : K4503-15
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETQA7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:49:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

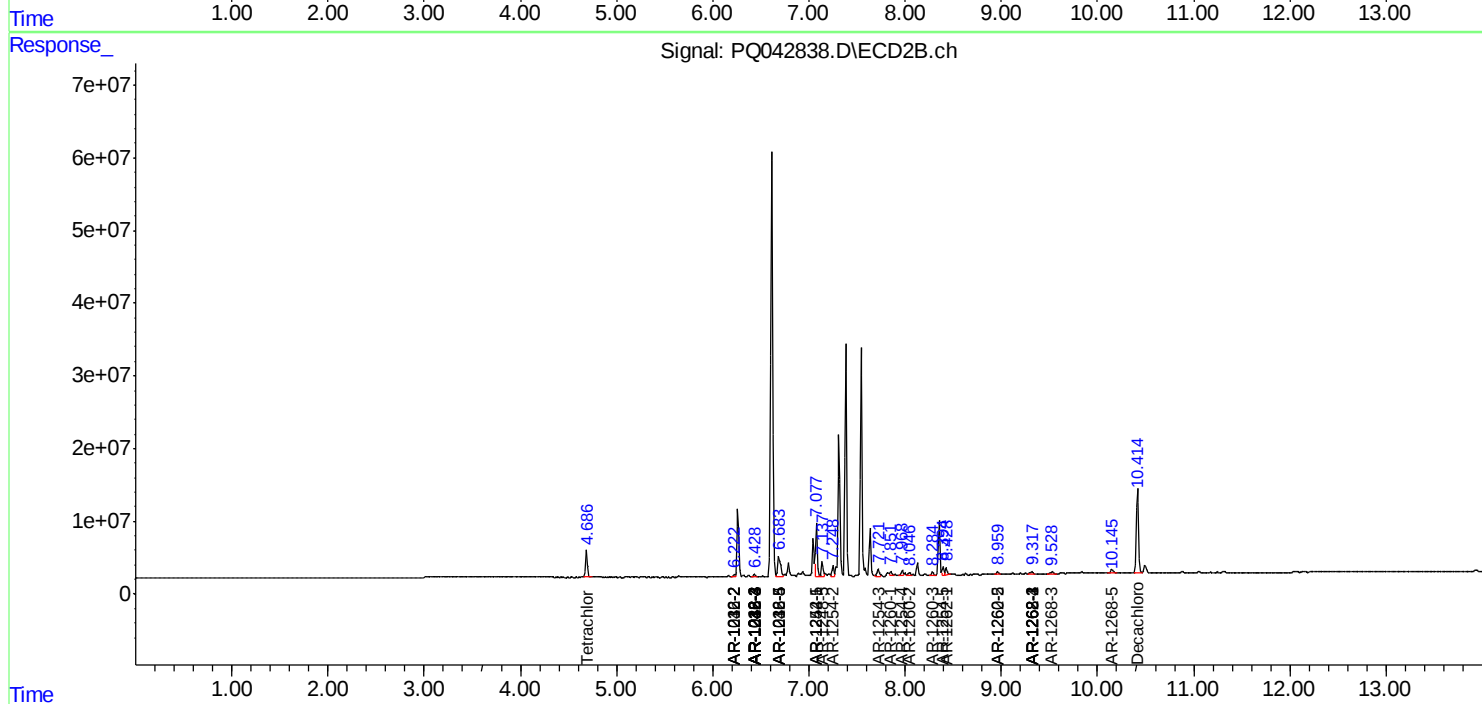
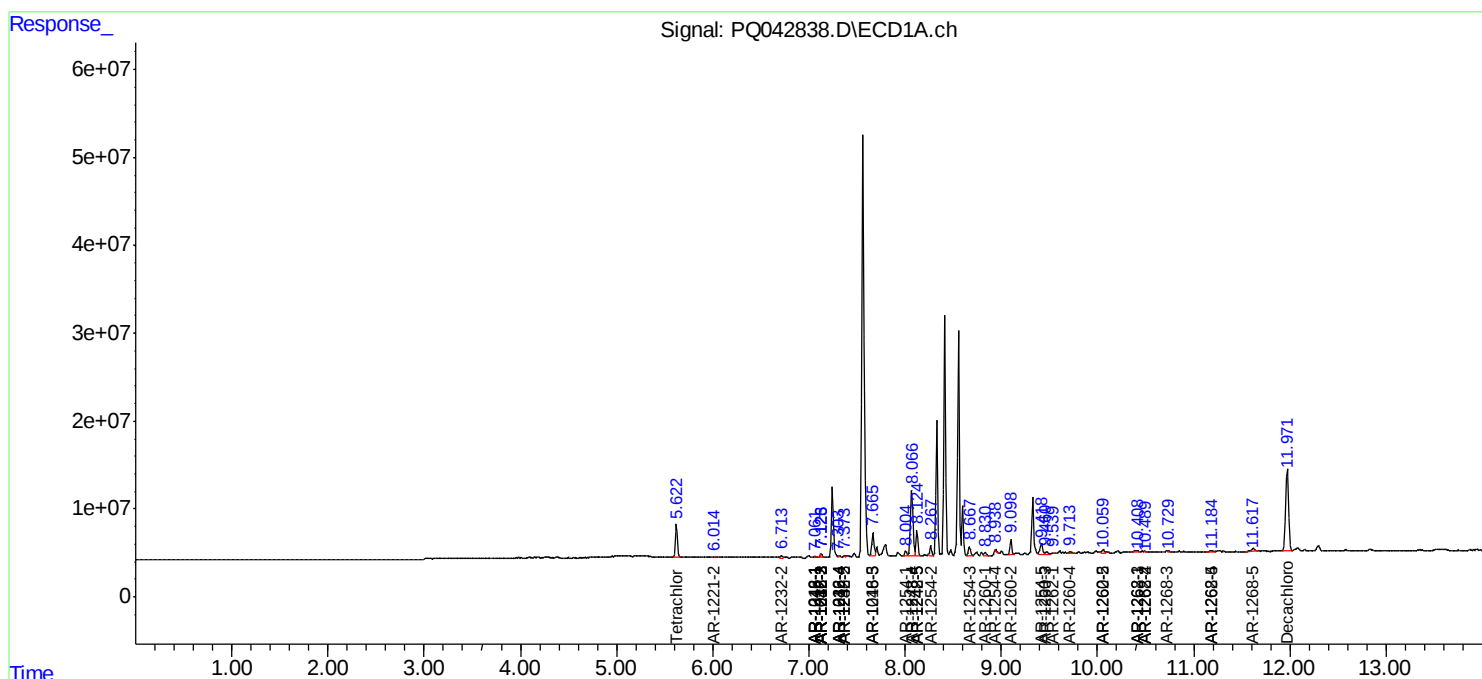
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

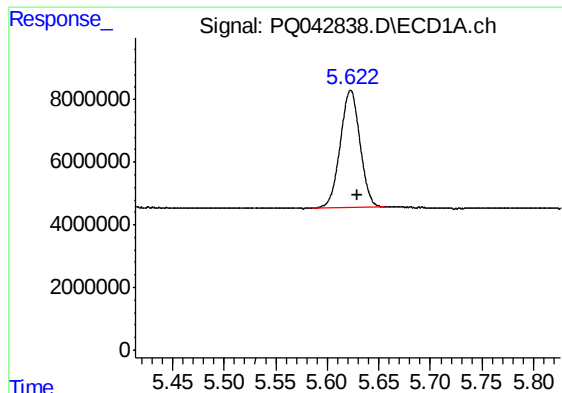
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
Data File : PQ042838.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Aug 2019 02:58
Operator : SM\AJ
Sample : K4503-15
Misc :
ALS Vial : 56 Sample Multiplier: 1

Instrument :
ECD_Q
ClientSampleId :
ETQA7

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:49:16 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ082119CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Aug 21 06:41:55 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

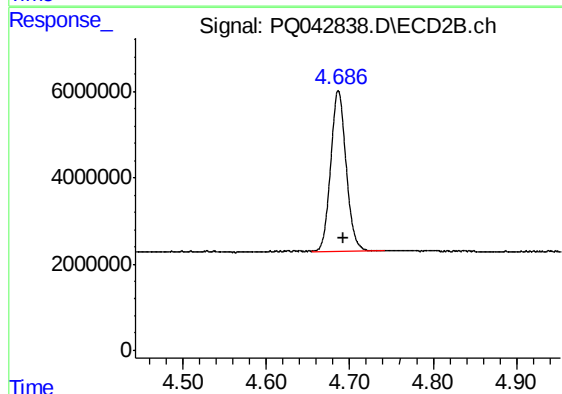




#1 Tetrachloro-m-xylene

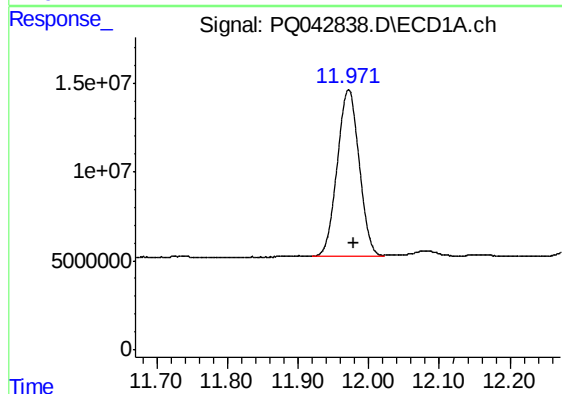
R.T.: 5.623 min
Delta R.T.: -0.006 min
Response: 49995345
Conc: 16.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



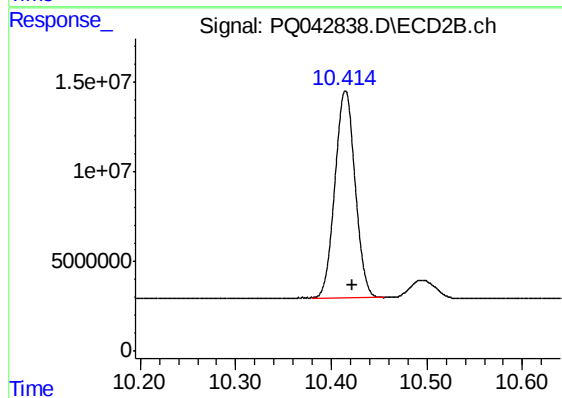
#1 Tetrachloro-m-xylene

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 47879226
Conc: 19.10 ng/ml



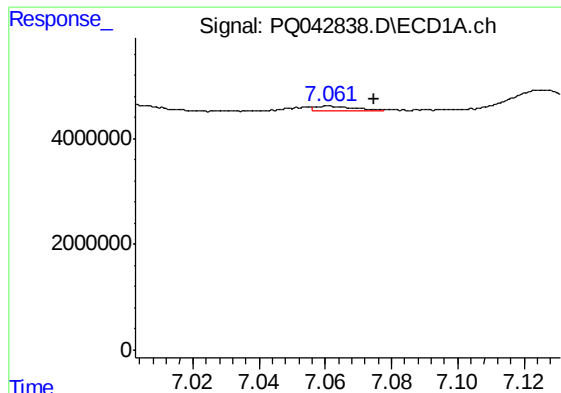
#2 Decachlorobiphenyl

R.T.: 11.972 min
Delta R.T.: -0.006 min
Response: 201553663
Conc: 26.70 ng/ml



#2 Decachlorobiphenyl

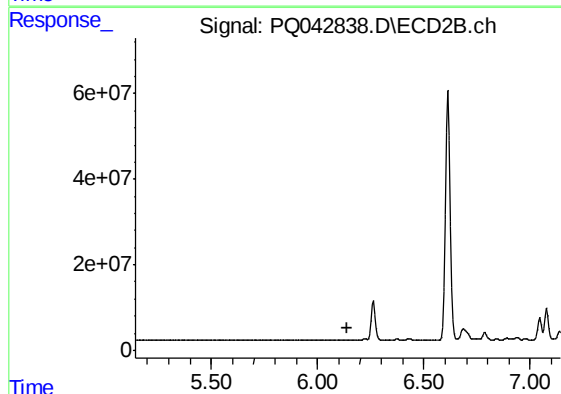
R.T.: 10.415 min
Delta R.T.: -0.007 min
Response: 170495131
Conc: 27.92 ng/ml



#3 AR-1016-1

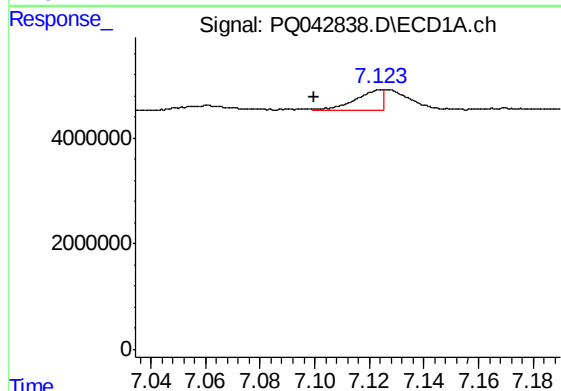
R.T.: 7.061 min
Delta R.T.: -0.014 min
Response: 794172
Conc: 6.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



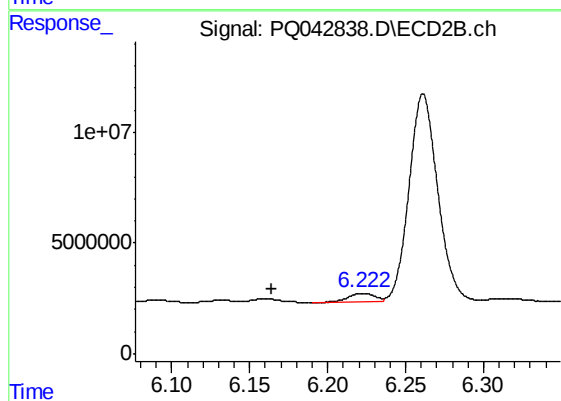
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 6.143 min
Response: 0
Conc: N.D.



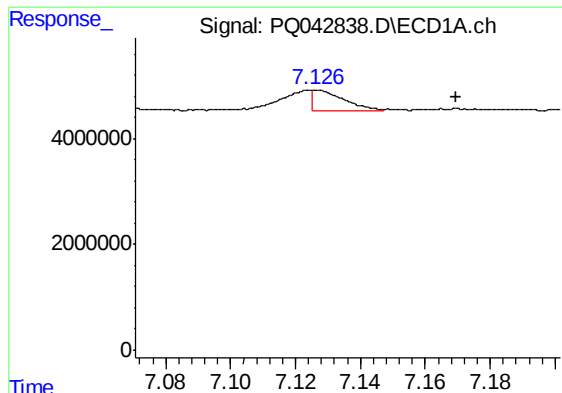
#4 AR-1016-2

R.T.: 7.124 min
Delta R.T.: 0.024 min
Response: 2569493
Conc: 13.96 ng/ml



#4 AR-1016-2

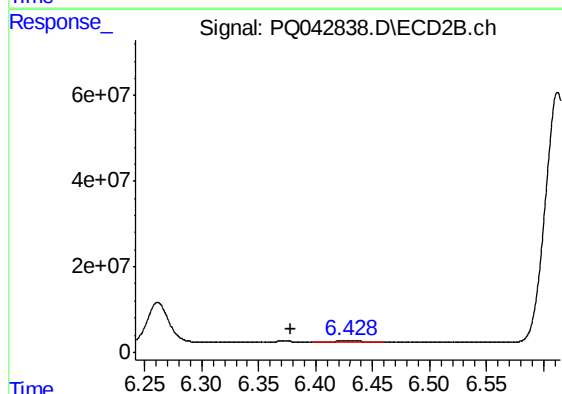
R.T.: 6.223 min
Delta R.T.: 0.059 min
Response: 4356406
Conc: 27.14 ng/ml



#5 AR-1016-3

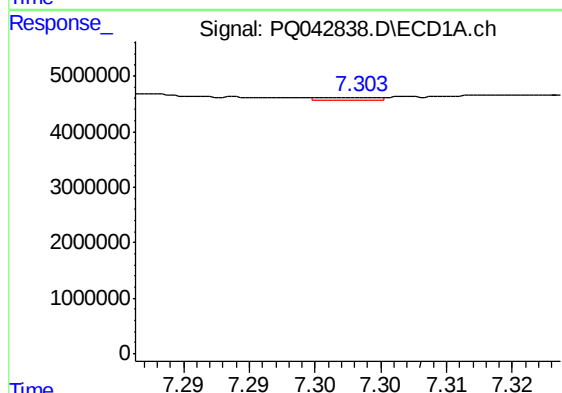
R.T.: 7.127 min
Delta R.T.: -0.043 min
Response: 2588594
Conc: 20.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



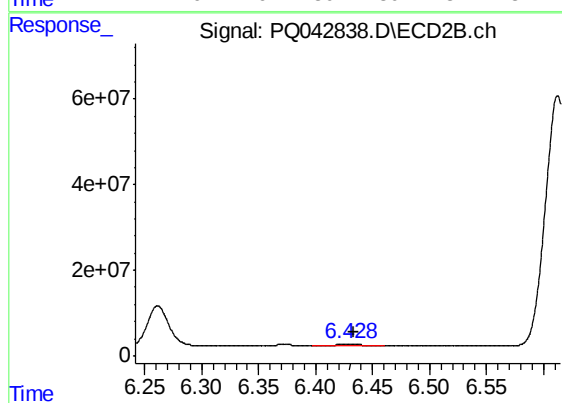
#5 AR-1016-3

R.T.: 6.429 min
Delta R.T.: 0.051 min
Response: 5183255
Conc: 60.45 ng/ml



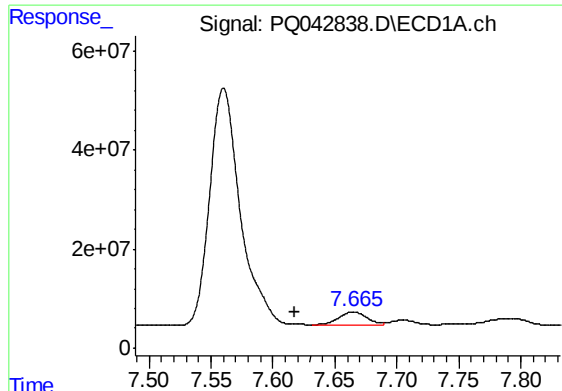
#6 AR-1016-4

R.T.: 7.304 min
Delta R.T.: 0.020 min
Response: 187869
Conc: 2.13 ng/ml



#6 AR-1016-4

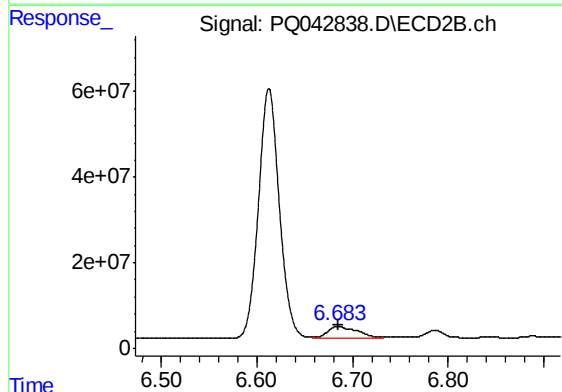
R.T.: 6.429 min
Delta R.T.: -0.004 min
Response: 5183255
Conc: 71.78 ng/ml



#7 AR-1016-5

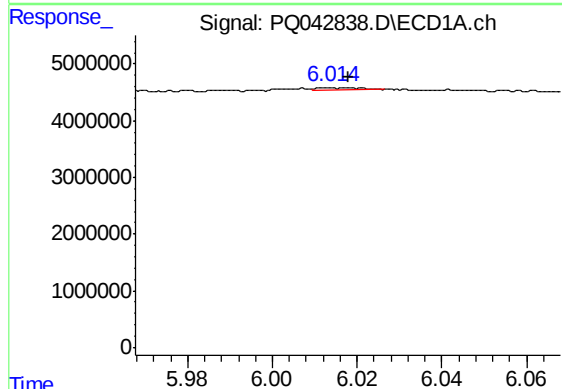
R.T.: 7.665 min
Delta R.T.: 0.048 min
Response: 41037925
Conc: 485.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



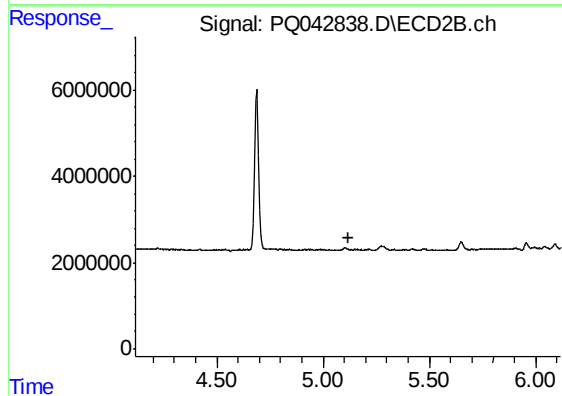
#7 AR-1016-5

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 57927686
Conc: 646.76 ng/ml



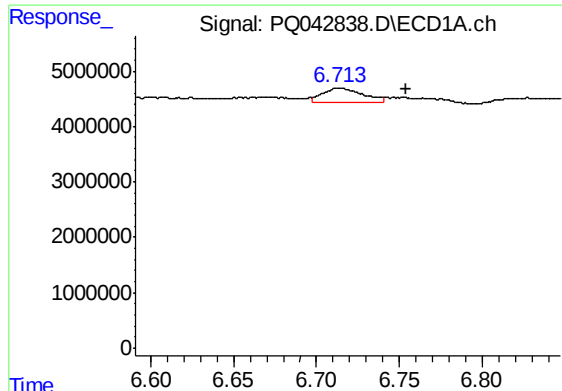
#9 AR-1221-2

R.T.: 6.014 min
Delta R.T.: -0.004 min
Response: 305868
Conc: 12.55 ng/ml



#9 AR-1221-2

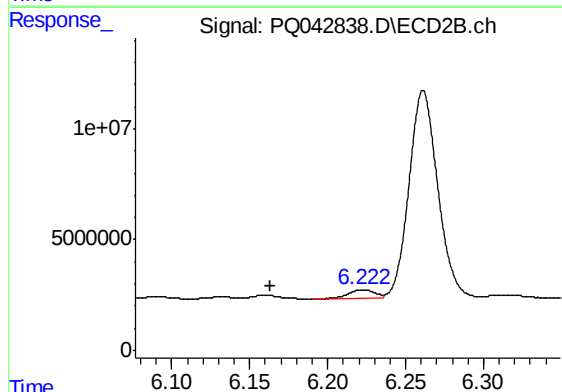
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#12 AR-1232-2

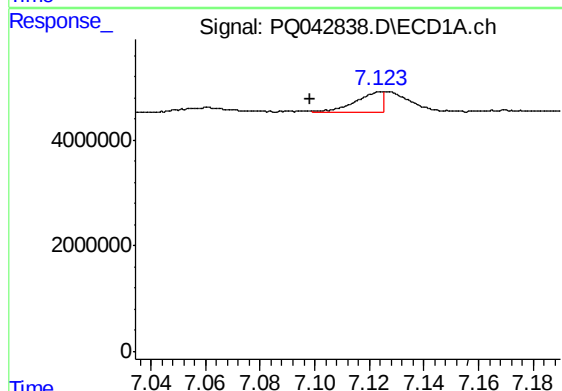
R.T.: 6.713 min
Delta R.T.: -0.041 min
Response: 4255521
Conc: 115.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



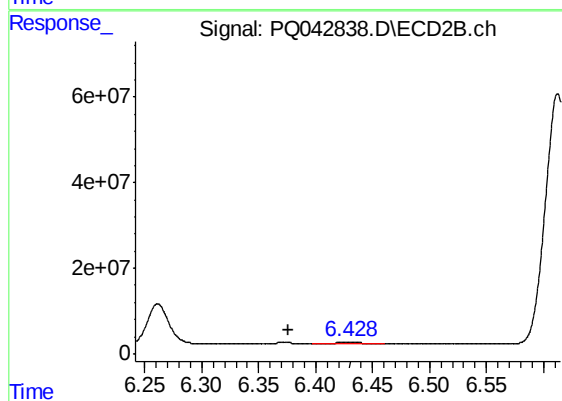
#12 AR-1232-2

R.T.: 6.223 min
Delta R.T.: 0.059 min
Response: 4356406
Conc: 57.03 ng/ml



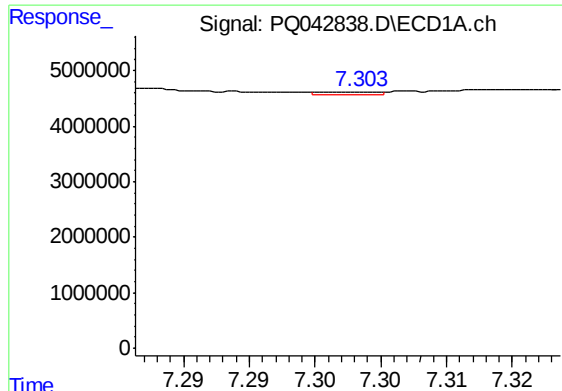
#13 AR-1232-3

R.T.: 7.124 min
Delta R.T.: 0.026 min
Response: 2569493
Conc: 30.74 ng/ml



#13 AR-1232-3

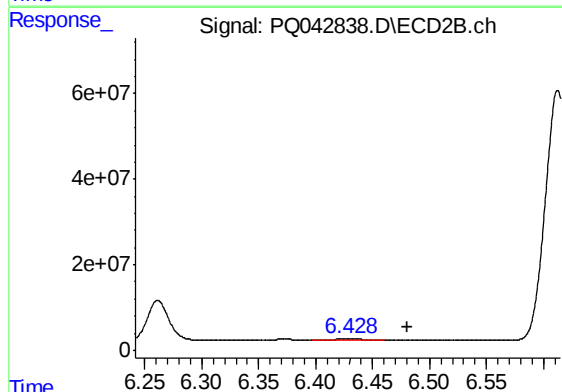
R.T.: 6.429 min
Delta R.T.: 0.053 min
Response: 5183255
Conc: 127.74 ng/ml



#14 AR-1232-4

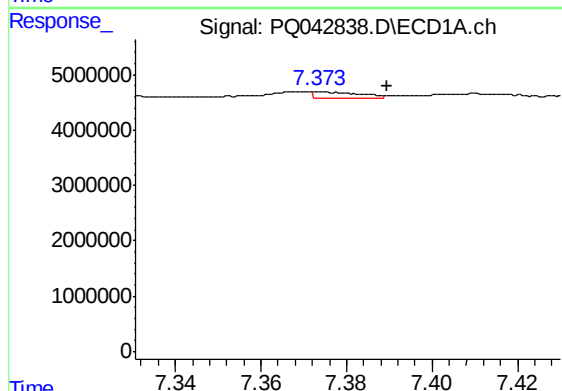
R.T.: 7.304 min
Delta R.T.: 0.022 min
Response: 187869
Conc: 4.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



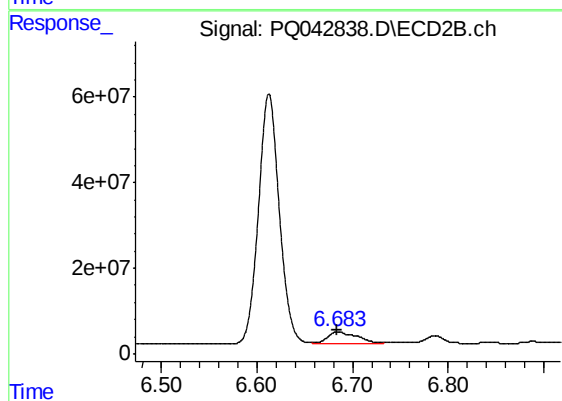
#14 AR-1232-4

R.T.: 6.429 min
Delta R.T.: -0.052 min
Response: 5183255
Conc: 130.29 ng/ml



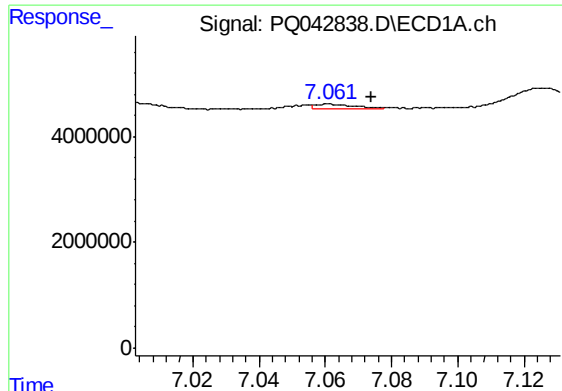
#15 AR-1232-5

R.T.: 7.374 min
Delta R.T.: -0.016 min
Response: 889760
Conc: 36.38 ng/ml



#15 AR-1232-5

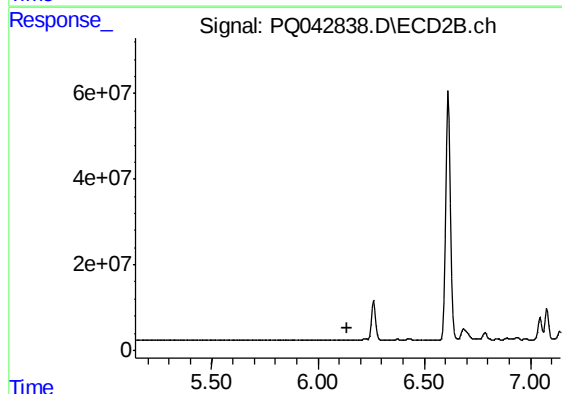
R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 57927686
Conc: 1460.78 ng/ml



#16 AR-1242-1

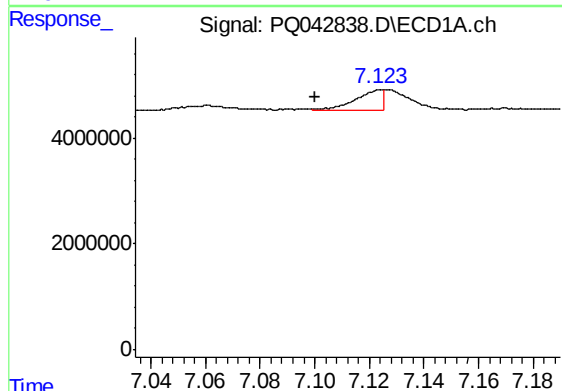
R.T.: 7.061 min
Delta R.T.: -0.013 min
Response: 794172
Conc: 7.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



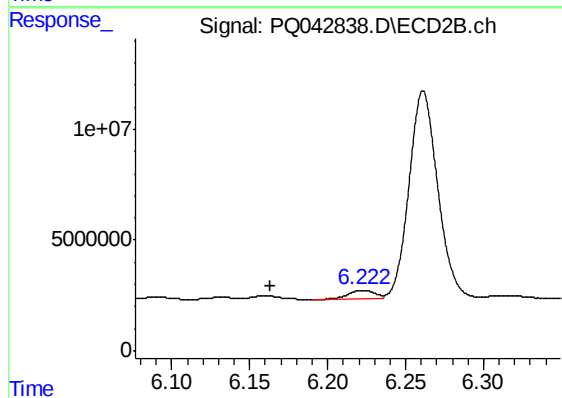
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 6.141 min
Response: 0
Conc: N.D.



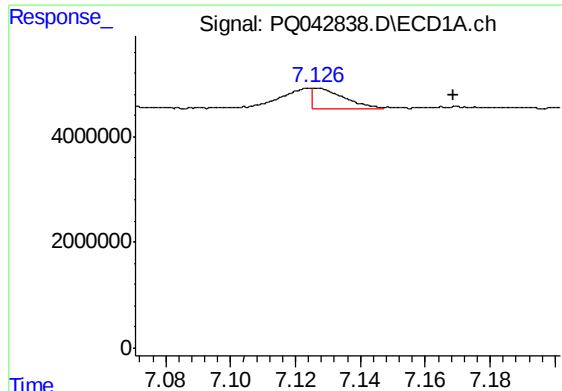
#17 AR-1242-2

R.T.: 7.124 min
Delta R.T.: 0.024 min
Response: 2569493
Conc: 16.87 ng/ml



#17 AR-1242-2

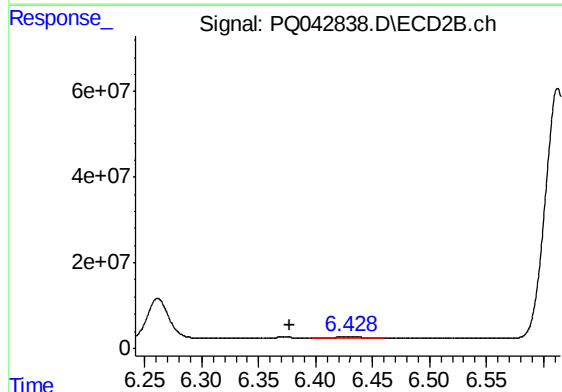
R.T.: 6.223 min
Delta R.T.: 0.059 min
Response: 4356406
Conc: 30.74 ng/ml



#18 AR-1242-3

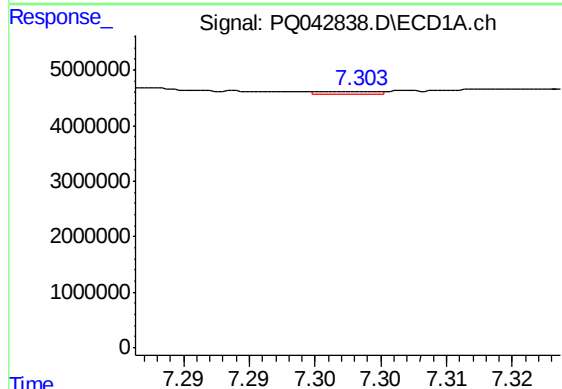
R.T.: 7.127 min
Delta R.T.: -0.042 min
Response: 2588594
Conc: 25.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



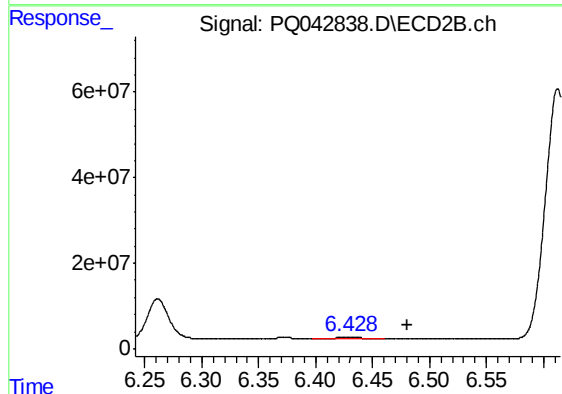
#18 AR-1242-3

R.T.: 6.429 min
Delta R.T.: 0.052 min
Response: 5183255
Conc: 68.49 ng/ml



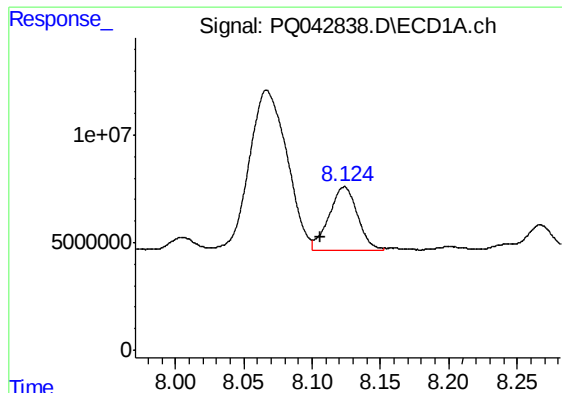
#19 AR-1242-4

R.T.: 7.304 min
Delta R.T.: 0.020 min
Response: 187869
Conc: 2.44 ng/ml



#19 AR-1242-4

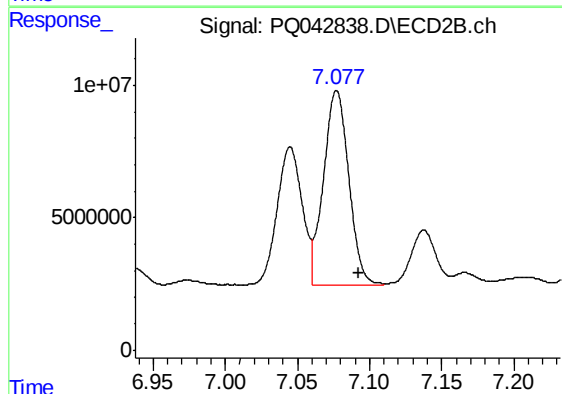
R.T.: 6.429 min
Delta R.T.: -0.051 min
Response: 5183255
Conc: 67.69 ng/ml



#20 AR-1242-5

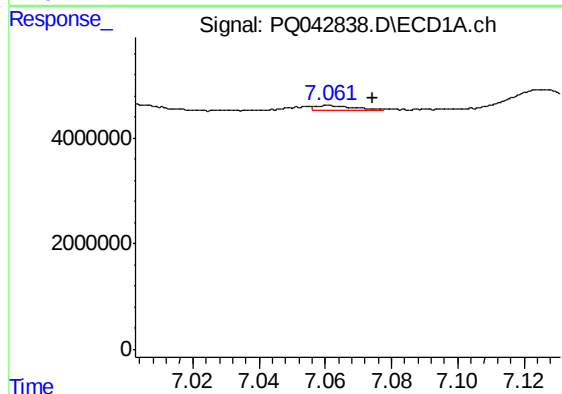
R.T.: 8.124 min
Delta R.T.: 0.017 min
Response: 42883936
Conc: 454.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



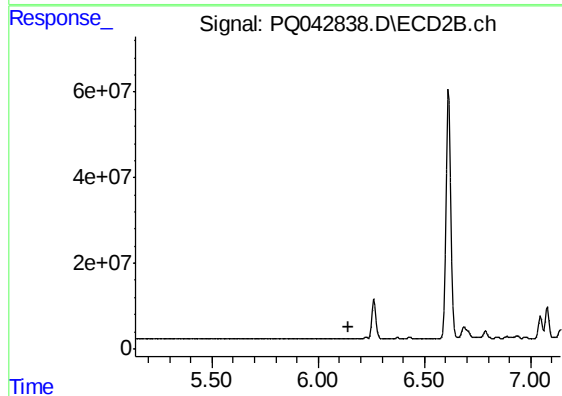
#20 AR-1242-5

R.T.: 7.077 min
Delta R.T.: -0.015 min
Response: 89588196
Conc: 799.21 ng/ml



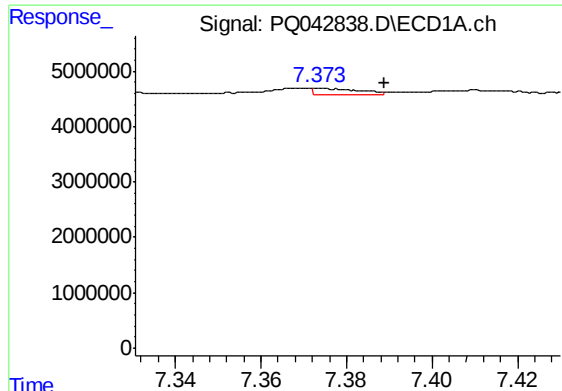
#21 AR-1248-1

R.T.: 7.061 min
Delta R.T.: -0.014 min
Response: 794172
Conc: 9.53 ng/ml



#21 AR-1248-1

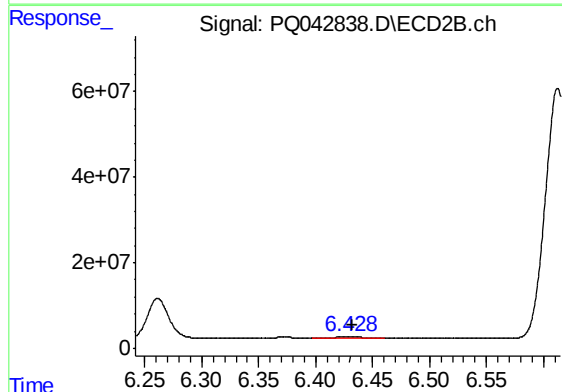
R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.



#22 AR-1248-2

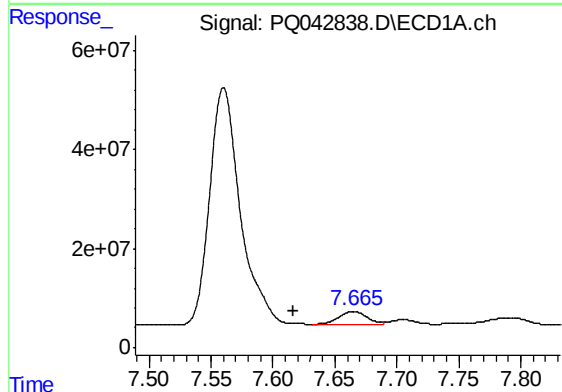
R.T.: 7.374 min
Delta R.T.: -0.015 min
Response: 889760
Conc: 8.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



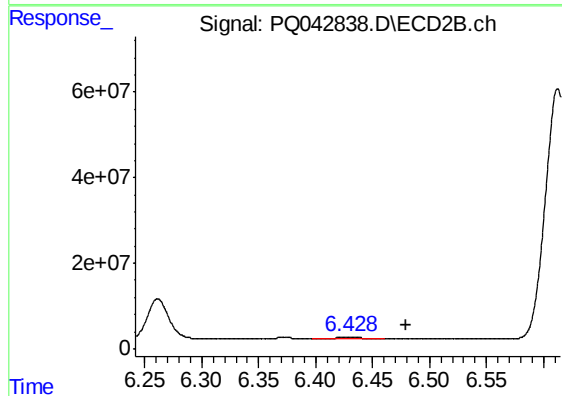
#22 AR-1248-2

R.T.: 6.429 min
Delta R.T.: -0.003 min
Response: 5183255
Conc: 47.05 ng/ml



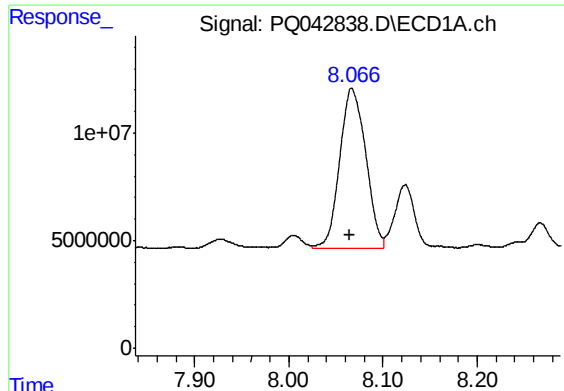
#23 AR-1248-3

R.T.: 7.665 min
Delta R.T.: 0.049 min
Response: 41037925
Conc: 323.39 ng/ml



#23 AR-1248-3

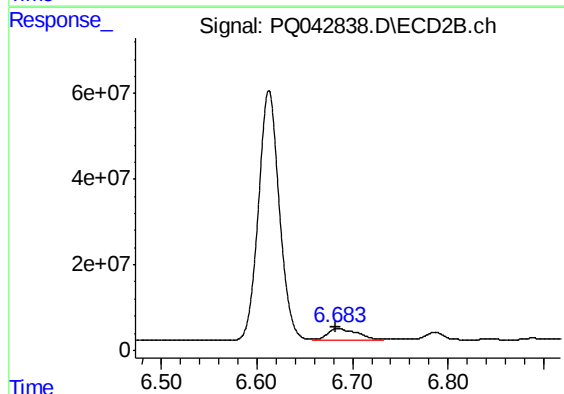
R.T.: 6.429 min
Delta R.T.: -0.051 min
Response: 5183255
Conc: 45.99 ng/ml



#24 AR-1248-4

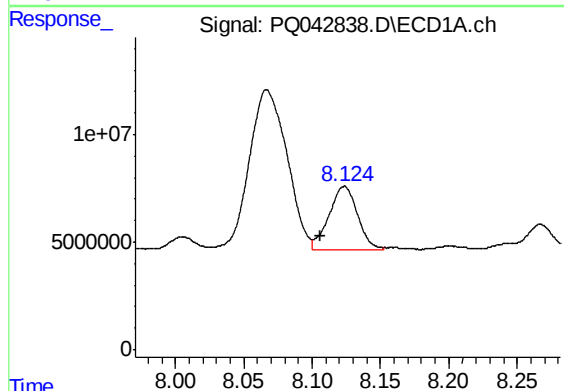
R.T.: 8.067 min
Delta R.T.: 0.002 min
Response: 142617865
Conc: 860.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



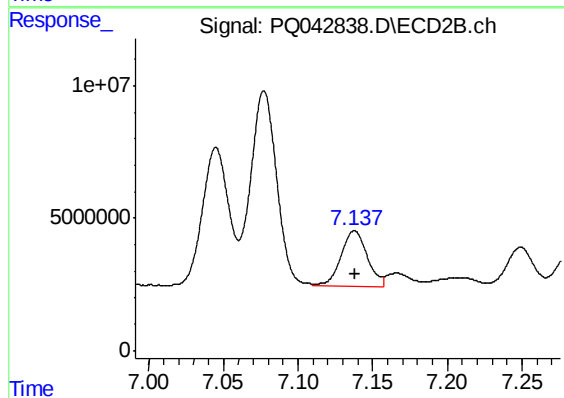
#24 AR-1248-4

R.T.: 6.684 min
Delta R.T.: 0.000 min
Response: 57927686
Conc: 424.02 ng/ml



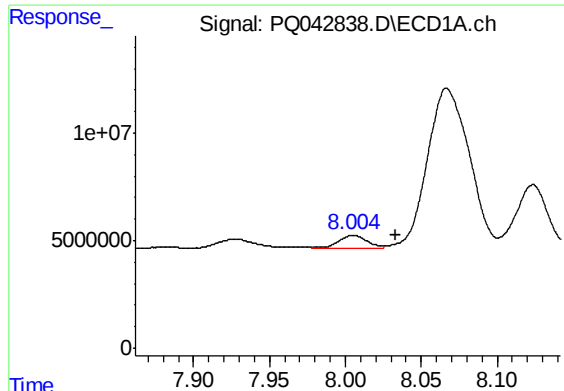
#25 AR-1248-5

R.T.: 8.124 min
Delta R.T.: 0.018 min
Response: 42883936
Conc: 269.35 ng/ml



#25 AR-1248-5

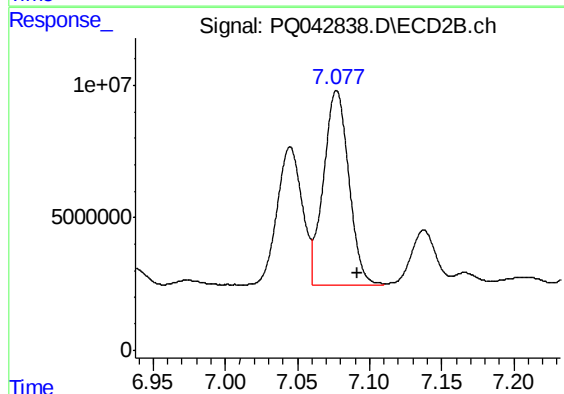
R.T.: 7.138 min
Delta R.T.: 0.000 min
Response: 25640782
Conc: 162.88 ng/ml



#26 AR-1254-1

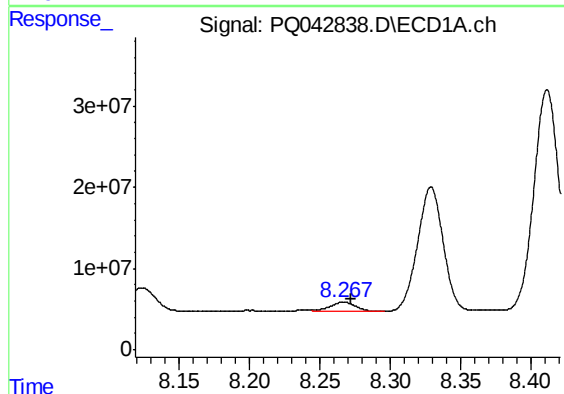
R.T.: 8.004 min
Delta R.T.: -0.029 min
Response: 7634904
Conc: 52.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



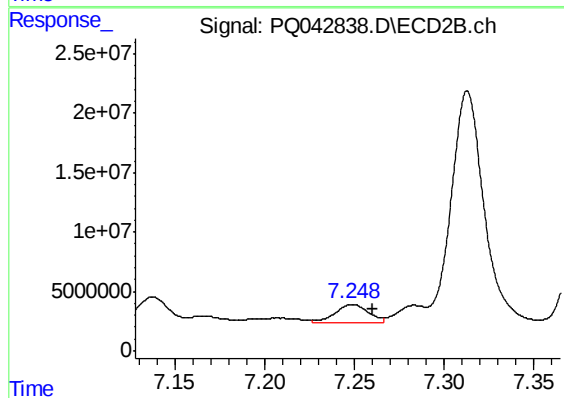
#26 AR-1254-1

R.T.: 7.077 min
Delta R.T.: -0.014 min
Response: 89588196
Conc: 397.03 ng/ml



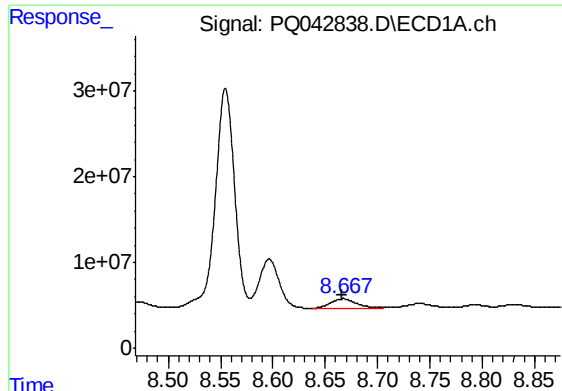
#27 AR-1254-2

R.T.: 8.267 min
Delta R.T.: -0.005 min
Response: 16398336
Conc: 68.36 ng/ml



#27 AR-1254-2

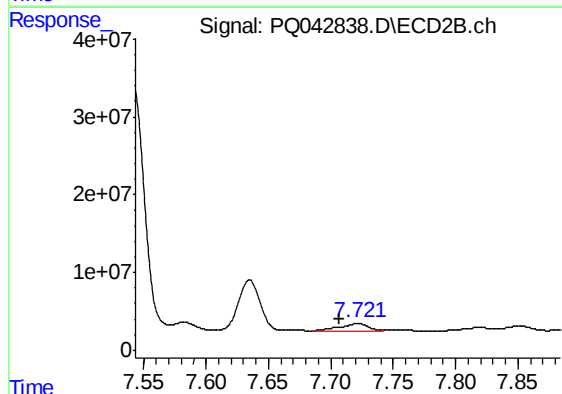
R.T.: 7.249 min
Delta R.T.: -0.011 min
Response: 18948828
Conc: 93.71 ng/ml



#28 AR-1254-3

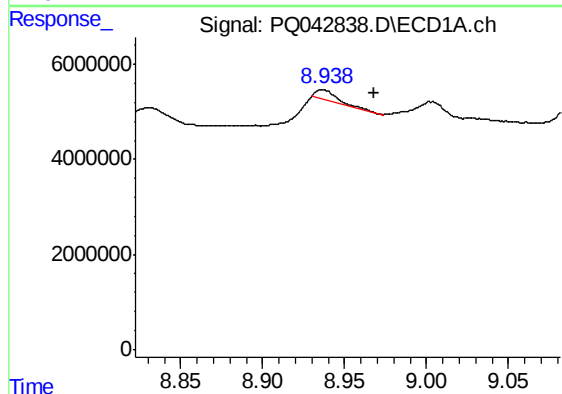
R.T.: 8.667 min
Delta R.T.: 0.001 min
Response: 18943611
Conc: 66.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



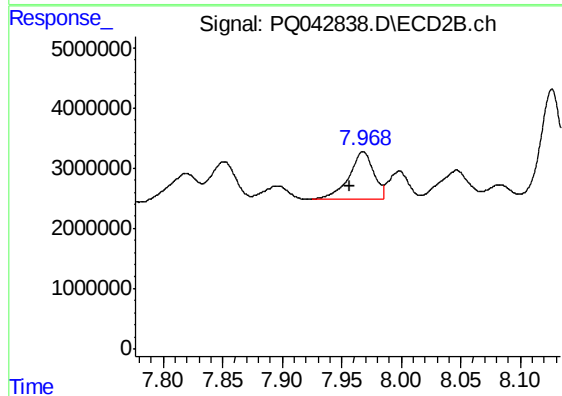
#28 AR-1254-3

R.T.: 7.722 min
Delta R.T.: 0.015 min
Response: 17600148
Conc: 49.98 ng/ml



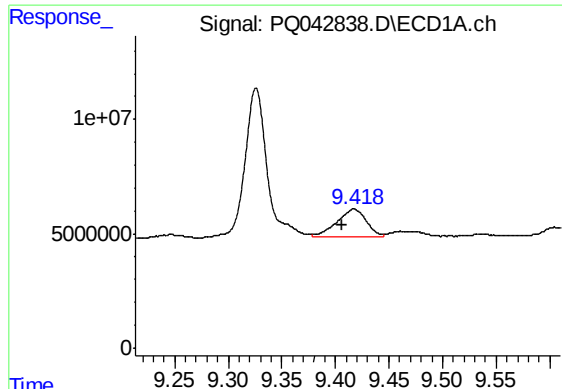
#29 AR-1254-4

R.T.: 8.937 min
Delta R.T.: -0.031 min
Response: 1761093
Conc: 7.39 ng/ml



#29 AR-1254-4

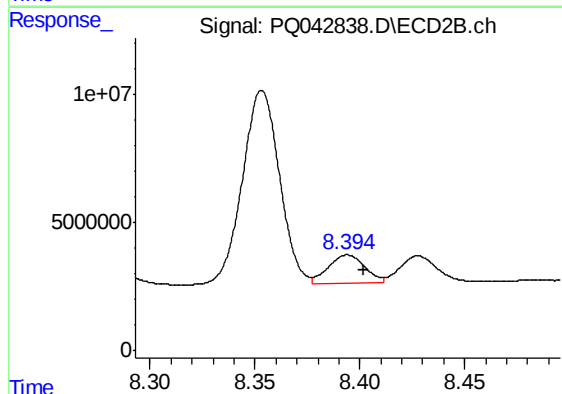
R.T.: 7.968 min
Delta R.T.: 0.011 min
Response: 11271244
Conc: 43.92 ng/ml



#30 AR-1254-5

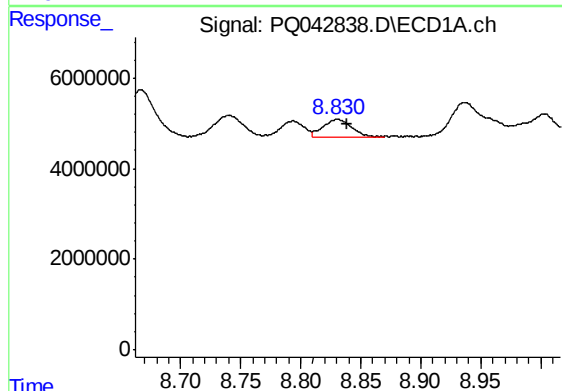
R.T.: 9.418 min
Delta R.T.: 0.011 min
Response: 23482446
Conc: 90.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



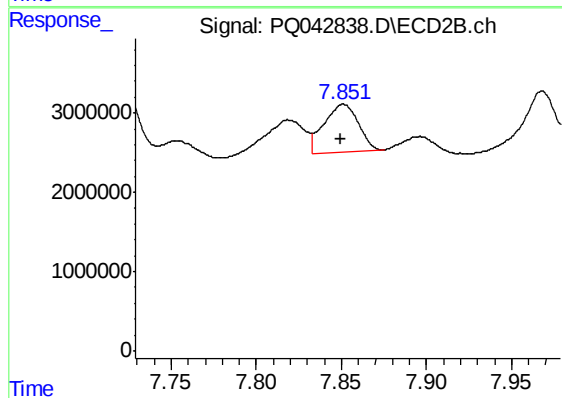
#30 AR-1254-5

R.T.: 8.394 min
Delta R.T.: -0.008 min
Response: 13399711
Conc: 36.88 ng/ml



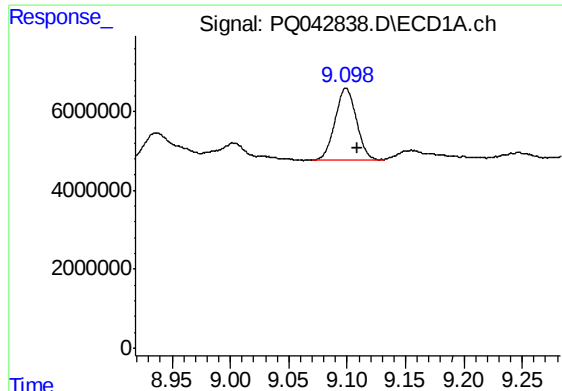
#31 AR-1260-1

R.T.: 8.830 min
Delta R.T.: -0.008 min
Response: 6435381
Conc: 36.50 ng/ml



#31 AR-1260-1

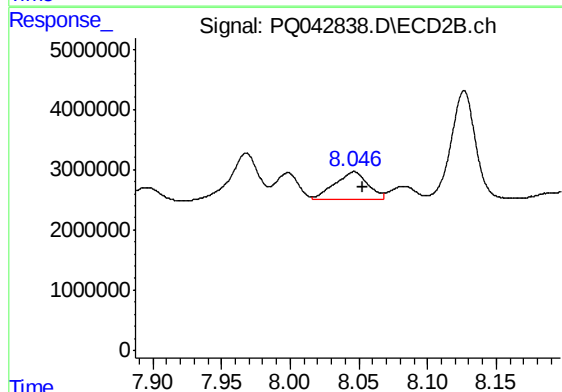
R.T.: 7.851 min
Delta R.T.: 0.001 min
Response: 8451774
Conc: 41.42 ng/ml



#32 AR-1260-2

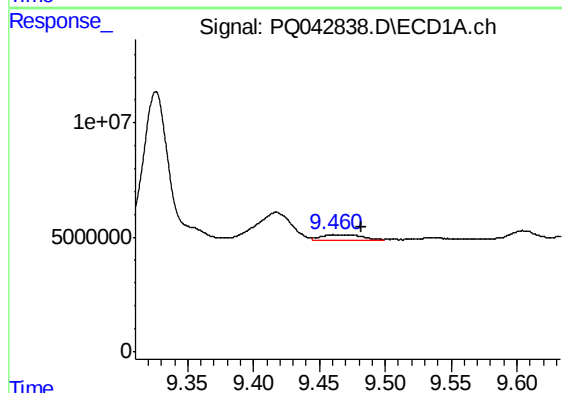
R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 23206688
Conc: 96.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



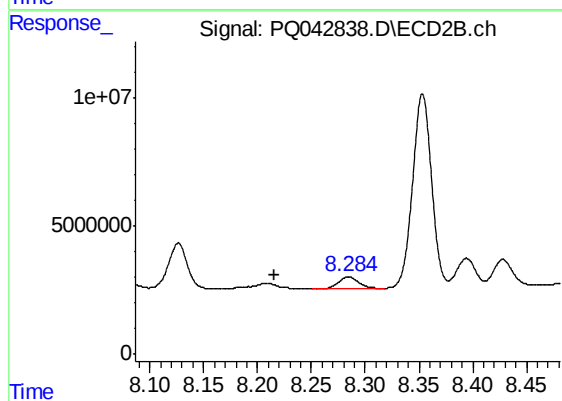
#32 AR-1260-2

R.T.: 8.047 min
Delta R.T.: -0.006 min
Response: 7788590
Conc: 29.08 ng/ml



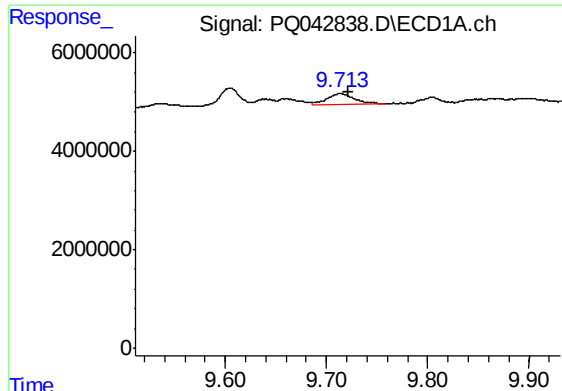
#33 AR-1260-3

R.T.: 9.461 min
Delta R.T.: -0.021 min
Response: 4905241
Conc: 22.69 ng/ml



#33 AR-1260-3

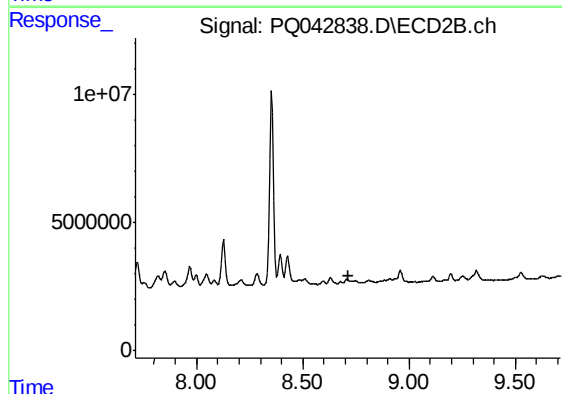
R.T.: 8.284 min
Delta R.T.: 0.069 min
Response: 5731159
Conc: 24.04 ng/ml



#34 AR-1260-4

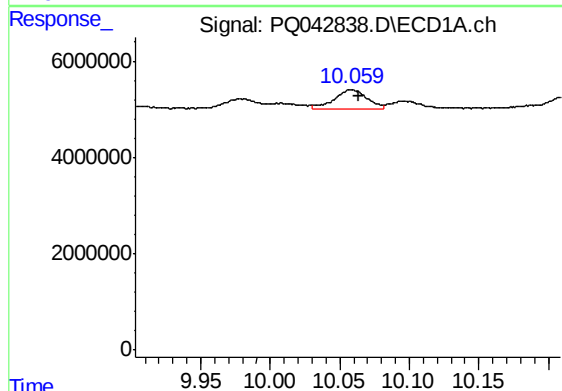
R.T.: 9.713 min
Delta R.T.: -0.008 min
Response: 4241806
Conc: 17.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



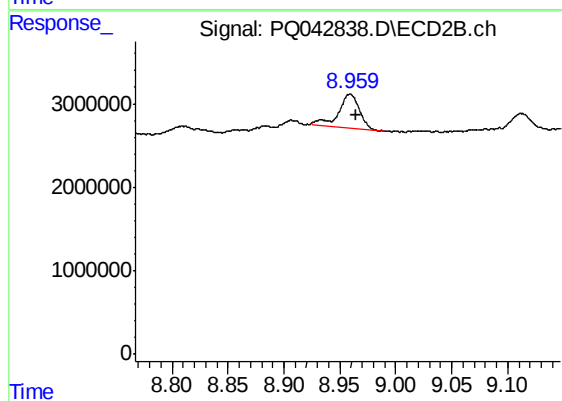
#34 AR-1260-4

R.T.: 0.000 min
Exp R.T. : 8.713 min
Response: 0
Conc: N.D.



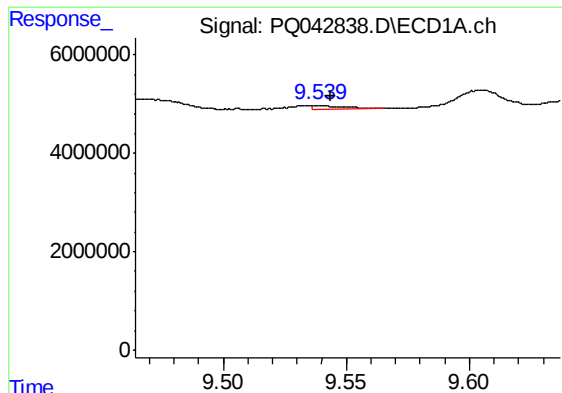
#35 AR-1260-5

R.T.: 10.059 min
Delta R.T.: -0.005 min
Response: 6521173
Conc: 10.98 ng/ml



#35 AR-1260-5

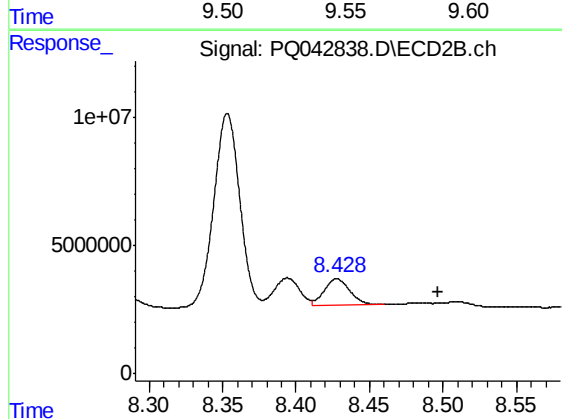
R.T.: 8.959 min
Delta R.T.: -0.006 min
Response: 5246730
Conc: 8.42 ng/ml



#36 AR-1262-1

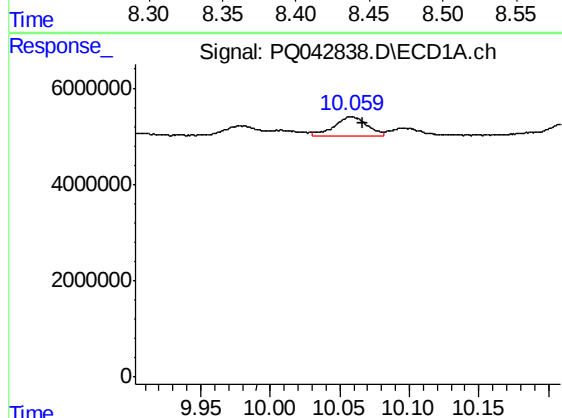
R.T.: 9.540 min
Delta R.T.: -0.004 min
Response: 627371
Conc: 4.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



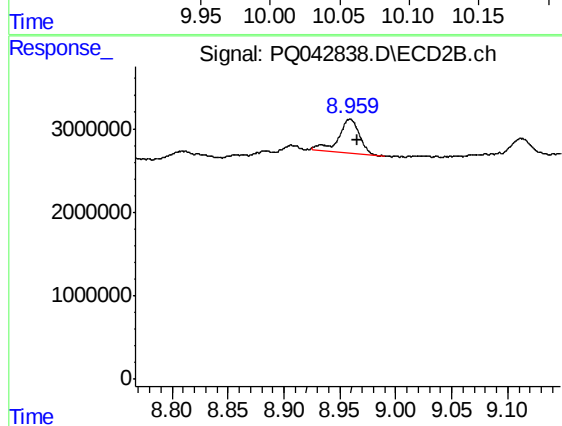
#36 AR-1262-1

R.T.: 8.428 min
Delta R.T.: -0.069 min
Response: 12760925
Conc: 74.55 ng/ml



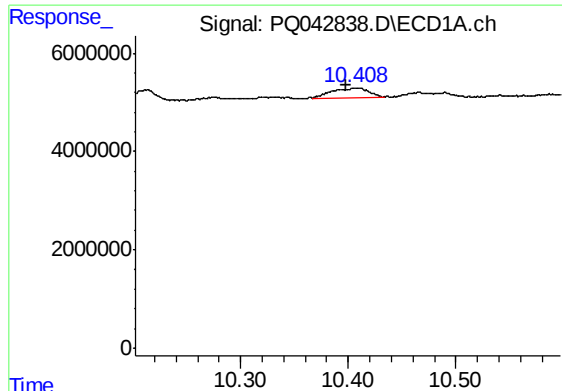
#37 AR-1262-2

R.T.: 10.059 min
Delta R.T.: -0.007 min
Response: 6521173
Conc: 8.67 ng/ml



#37 AR-1262-2

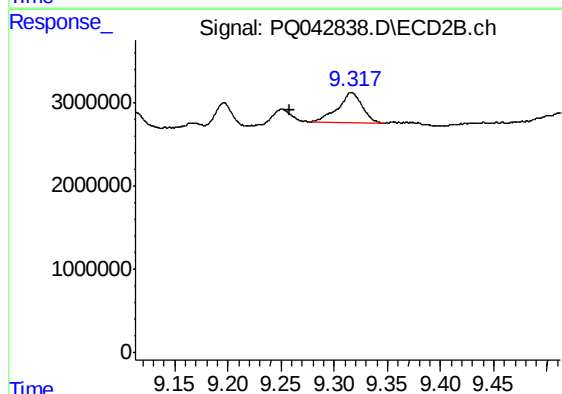
R.T.: 8.959 min
Delta R.T.: -0.007 min
Response: 5246730
Conc: 6.28 ng/ml



#38 AR-1262-3

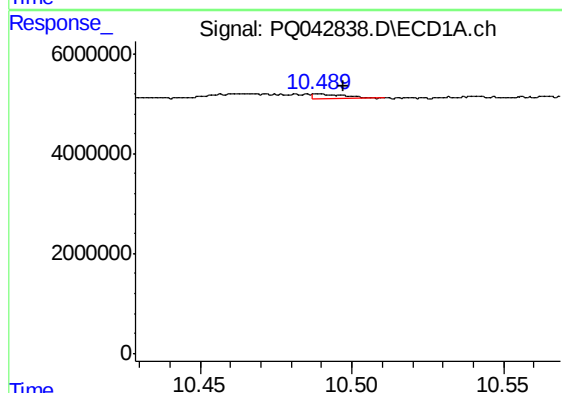
R.T.: 10.408 min
Delta R.T.: 0.010 min
Response: 4748254
Conc: 8.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



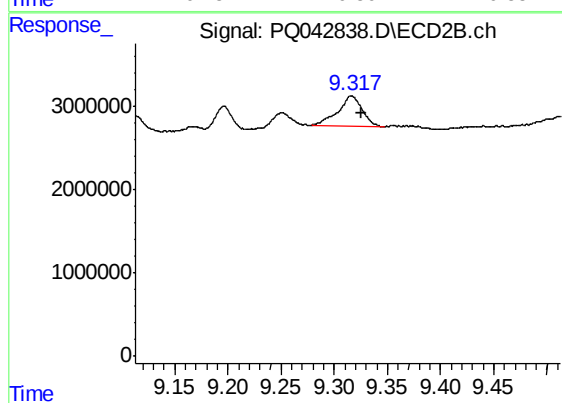
#38 AR-1262-3

R.T.: 9.316 min
Delta R.T.: 0.058 min
Response: 5887541
Conc: 16.56 ng/ml



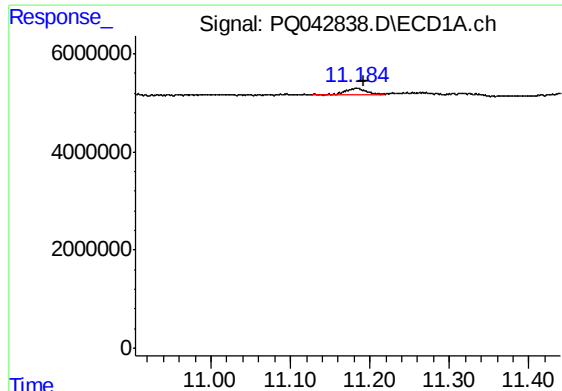
#39 AR-1262-4

R.T.: 10.490 min
Delta R.T.: -0.007 min
Response: 628122
Conc: 1.44 ng/ml



#39 AR-1262-4

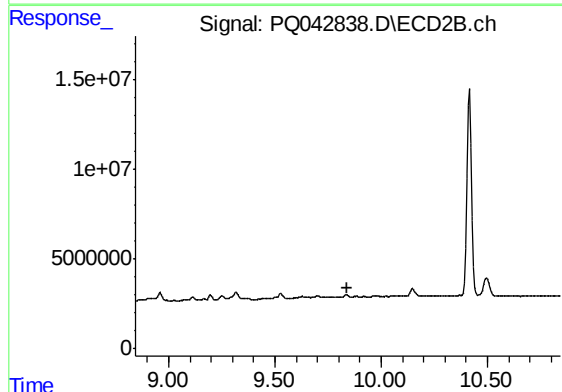
R.T.: 9.316 min
Delta R.T.: -0.009 min
Response: 5887541
Conc: 9.13 ng/ml



#40 AR-1262-5

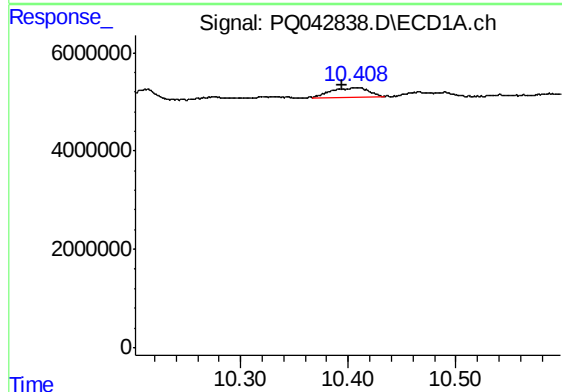
R.T.: 11.184 min
Delta R.T.: -0.008 min
Response: 1997679
Conc: 5.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



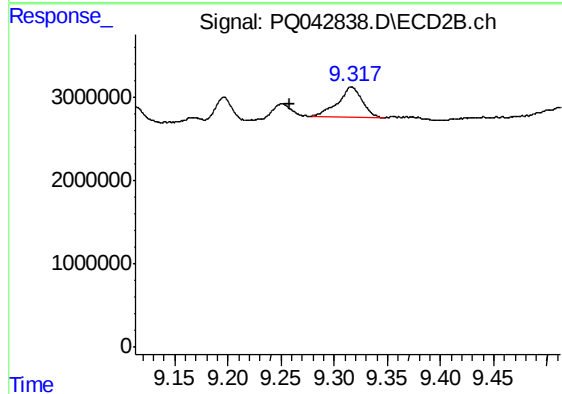
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T. : 9.844 min
Response: 0
Conc: N.D.



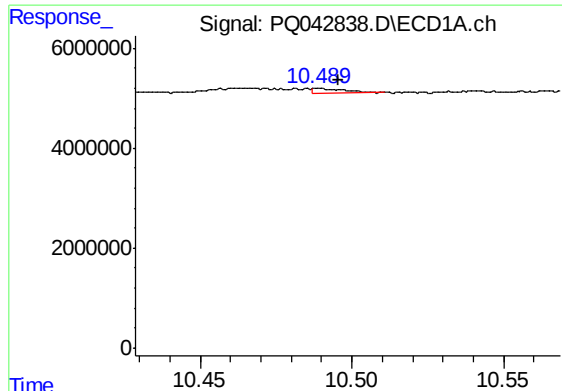
#41 AR-1268-1

R.T.: 10.408 min
Delta R.T.: 0.014 min
Response: 4748254
Conc: 4.97 ng/ml



#41 AR-1268-1

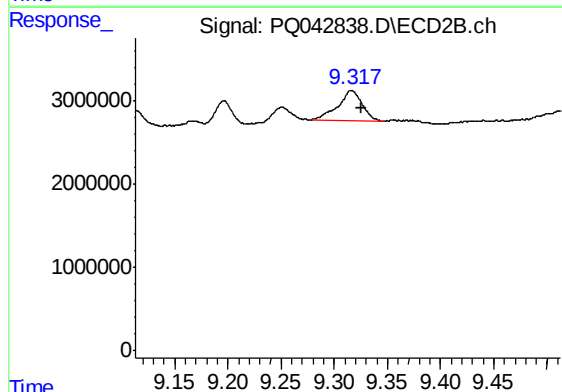
R.T.: 9.316 min
Delta R.T.: 0.059 min
Response: 5887541
Conc: 5.86 ng/ml



#42 AR-1268-2

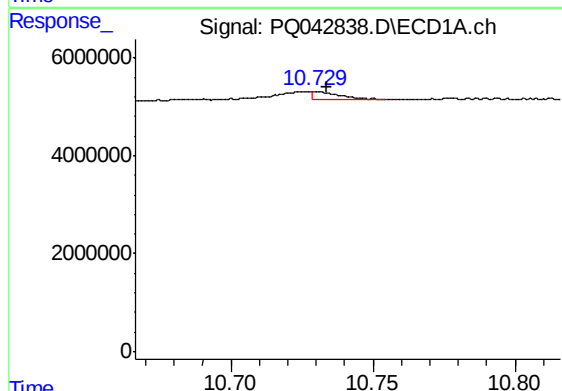
R.T.: 10.490 min
Delta R.T.: -0.006 min
Response: 628122
Conc: 0.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



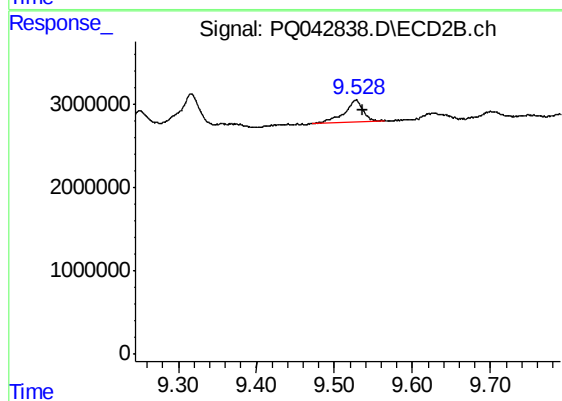
#42 AR-1268-2

R.T.: 9.316 min
Delta R.T.: -0.009 min
Response: 5887541
Conc: 6.27 ng/ml



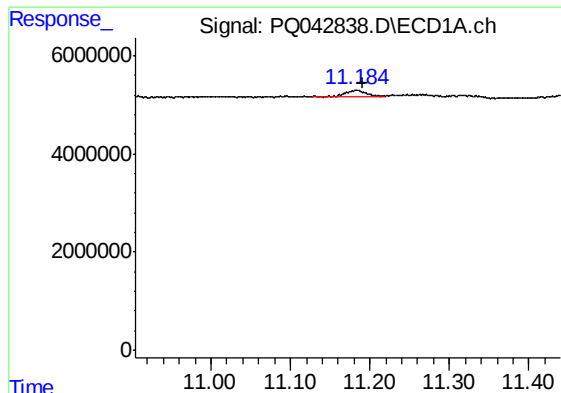
#43 AR-1268-3

R.T.: 10.730 min
Delta R.T.: -0.004 min
Response: 1224854
Conc: 1.51 ng/ml



#43 AR-1268-3

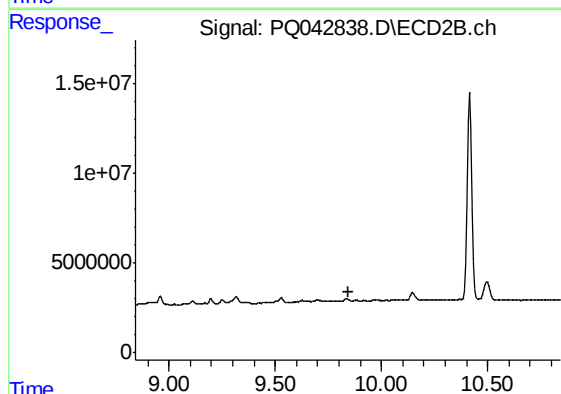
R.T.: 9.528 min
Delta R.T.: -0.008 min
Response: 4397578
Conc: 5.52 ng/ml



#44 AR-1268-4

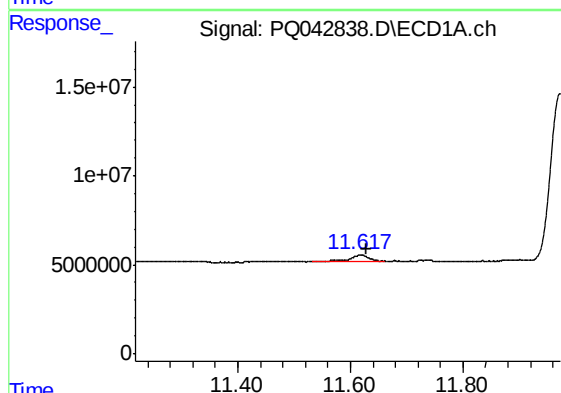
R.T.: 11.184 min
Delta R.T.: -0.006 min
Response: 1997679
Conc: 5.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQA7



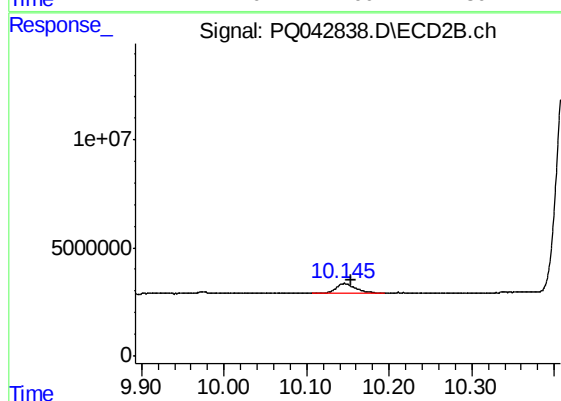
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.843 min
Response: 0
Conc: N.D.



#45 AR-1268-5

R.T.: 11.618 min
Delta R.T.: -0.010 min
Response: 8922405
Conc: 3.15 ng/ml



#45 AR-1268-5

R.T.: 10.146 min
Delta R.T.: -0.008 min
Response: 7096148
Conc: 2.77 ng/ml