

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
 Data File : PQ042841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Aug 2019 03:49
 Operator : SM\AJ
 Sample : K4503-18
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 ETQB0

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 24 04:51:37 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...	5.621	4.686	73109777	68757939	24.630	27.436
2)	SA Decachlor...	11.972	10.415	297.0E6	246.9E6	39.347	40.429
Target Compounds							
3)	L1 AR-1016-1	7.080	0.000	4444467	0	36.524	N.D. #
4)	L1 AR-1016-2	7.080	0.000	4444467	0	24.150	N.D. #
5)	L1 AR-1016-3	7.124	0.000	344861	0	2.773	N.D. #
6)	L1 AR-1016-4	7.308	0.000	288207	0	3.262	N.D. #
7)	L1 AR-1016-5	7.585	6.702	20559746	7005629	243.110	78.218 #
9)	L2 AR-1221-2	6.013	0.000	433059	0	17.775	N.D. #
12)	L3 AR-1232-2	6.715	0.000	1271969	0	34.557	N.D. #
13)	L3 AR-1232-3	7.080	0.000	4444467	0	53.166	N.D. #
14)	L3 AR-1232-4	7.308	0.000	288207	0	7.069	N.D. #
15)	L3 AR-1232-5	7.385	6.702	3267216	7005629	133.579	176.664 #
16)	L4 AR-1242-1	7.080	0.000	4444467	0	42.588	N.D. #
17)	L4 AR-1242-2	7.080	0.000	4444467	0	29.178	N.D. #
18)	L4 AR-1242-3	7.124	0.000	344861	0	3.384	N.D. #
19)	L4 AR-1242-4	7.308	0.000	288207	0	3.747	N.D. #
20)	L4 AR-1242-5	8.125	7.079	9164563	23502485	97.129	209.664 #
21)	L5 AR-1248-1	7.080	0.000	4444467	0	53.306	N.D. #
22)	L5 AR-1248-2	7.385	0.000	3267216	0	31.991	N.D. #
23)	L5 AR-1248-3	7.585	0.000	20559746	0	162.017	N.D. #
24)	L5 AR-1248-4	8.061	6.702	93139750	7005629	561.849	51.280 #
25)	L5 AR-1248-5	8.125	7.079	9164563	23502485	57.563	149.294 #
26)	L6 AR-1254-1	8.061	7.079	93139750	23502485	634.773	104.157 #
27)	L6 AR-1254-2	8.268	7.283	50066505	43208087	208.719	213.684
28)	L6 AR-1254-3	8.673	7.723	49675817	37032338	174.245	105.162 #
29)	L6 AR-1254-4	8.939	7.999	1108563	54448948	4.649	212.186 #
30)	L6 AR-1254-5	9.422	8.395	51172687	44071389	198.191	121.286 #
31)	L7 AR-1260-1	8.833	7.844	3263111	5392985	18.510	26.433 #
32)	L7 AR-1260-2	9.099	8.053	81709469	8052794	339.947	30.062 #
33)	L7 AR-1260-3	9.476	0.000	25655115	0	118.661	N.D. #
34)	L7 AR-1260-4	9.736	8.702	16574632	15127194	68.257	66.724
35)	L7 AR-1260-5	10.058	8.959	6809448	8937620	11.470	14.351 #
36)	L8 AR-1262-1	9.538	8.493	9784439	9650680	67.883	56.377
37)	L8 AR-1262-2	10.058	8.959	6809448	8937620	9.050	10.699
38)	L8 AR-1262-3	10.388	9.250	32277672	27746049	60.017	78.062 #
39)	L8 AR-1262-4	10.469	9.318	15440624	14524429	35.517	22.525 #
40)	L8 AR-1262-5	11.182	9.835	6747953	5963674	19.673	18.852
41)	L9 AR-1268-1	10.388	9.250	32277672	27746049	33.758	27.639
42)	L9 AR-1268-2	10.469	9.318	15440624	14524429	16.578	15.468
43)	L9 AR-1268-3	10.726	9.527	19881028	23161162	24.535	29.078
44)	L9 AR-1268-4	11.182	9.835	6747953	5963674	18.186	17.426
45)	L9 AR-1268-5	11.618	10.144	55748991	47365055	19.698	18.478

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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 24 04:51:37 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

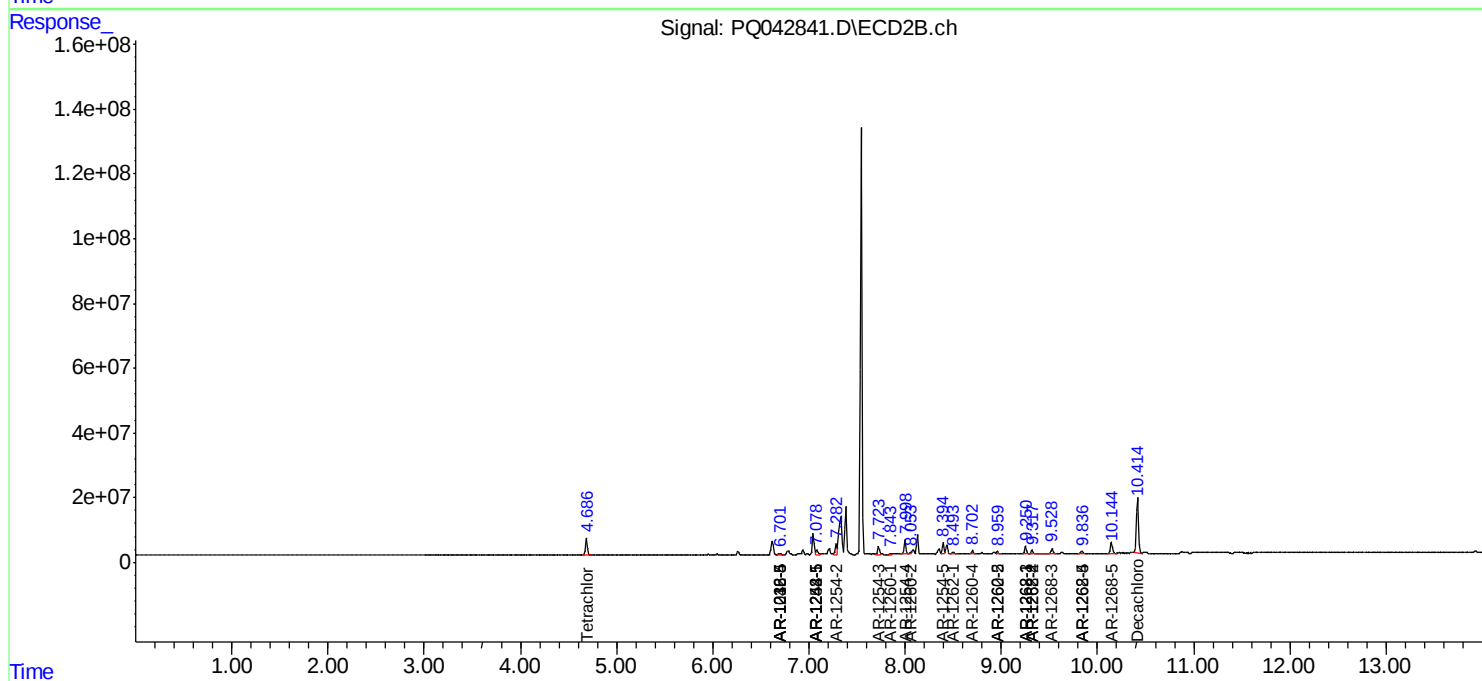
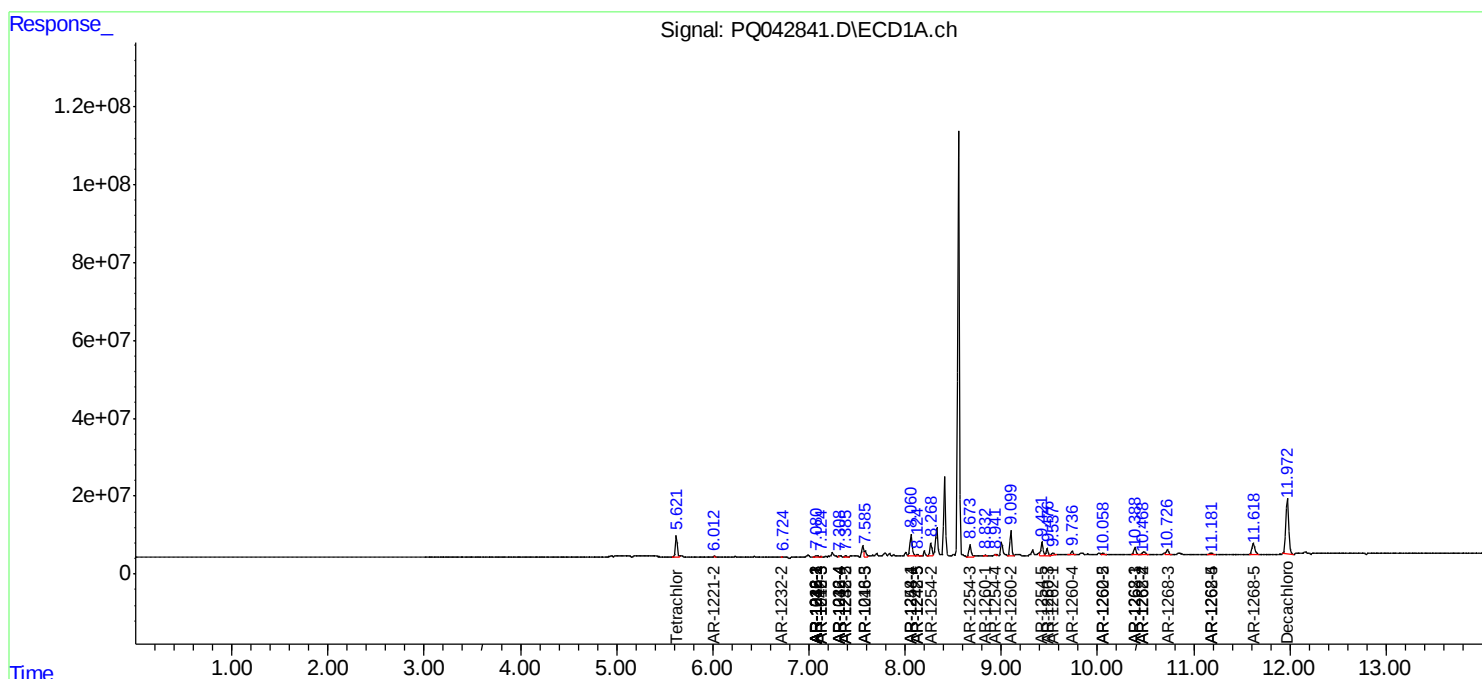
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

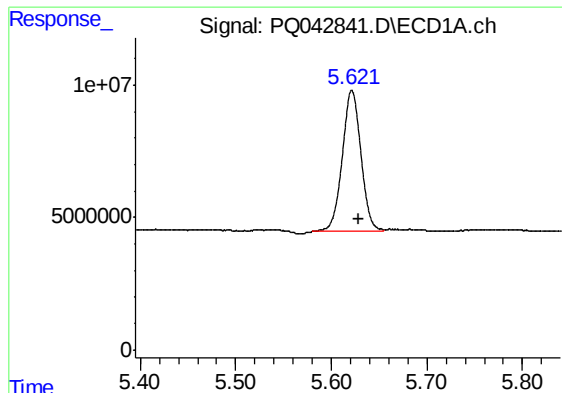
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ082519\
Data File : PQ042841.D
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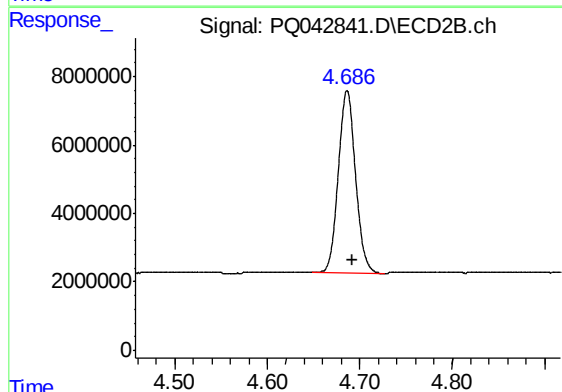




#1 Tetrachloro-m-xylene

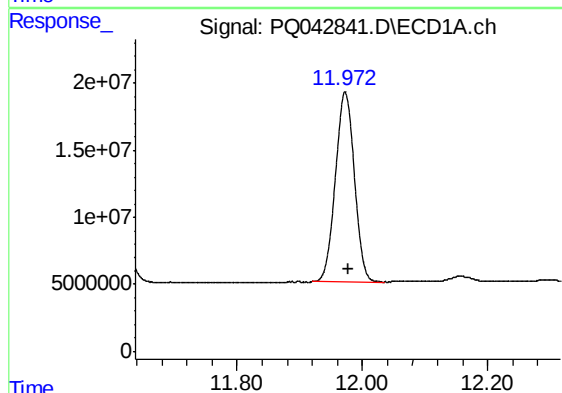
R.T.: 5.621 min
Delta R.T.: -0.008 min
Response: 73109777
Conc: 24.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



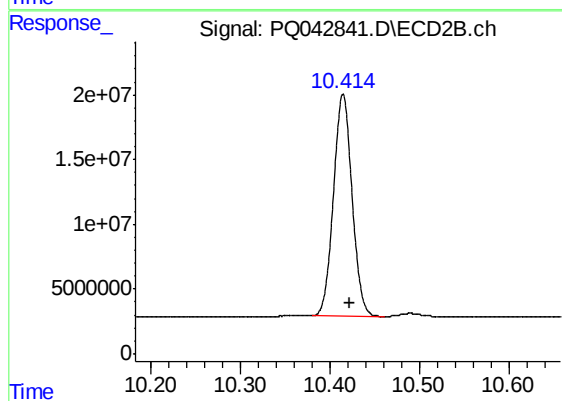
#1 Tetrachloro-m-xylene

R.T.: 4.686 min
Delta R.T.: -0.006 min
Response: 68757939
Conc: 27.44 ng/ml



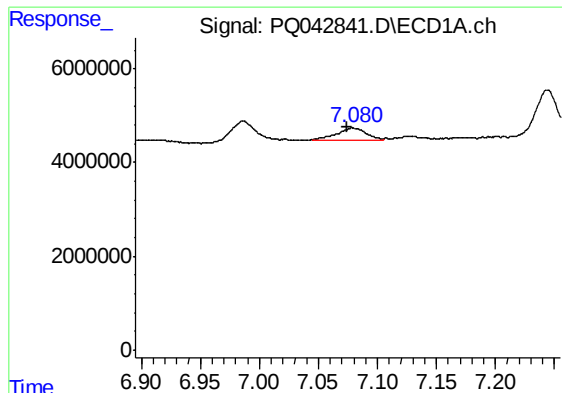
#2 Decachlorobiphenyl

R.T.: 11.972 min
Delta R.T.: -0.006 min
Response: 297015249
Conc: 39.35 ng/ml



#2 Decachlorobiphenyl

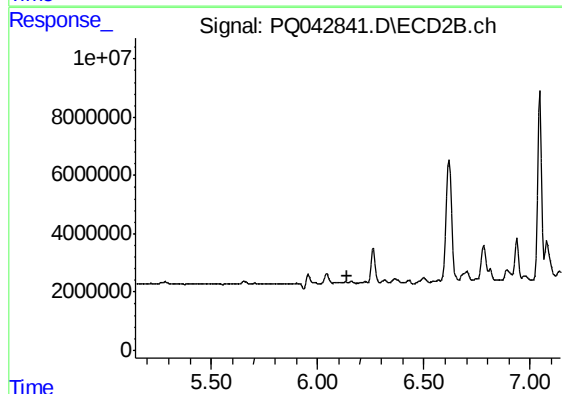
R.T.: 10.415 min
Delta R.T.: -0.007 min
Response: 246881355
Conc: 40.43 ng/ml



#3 AR-1016-1

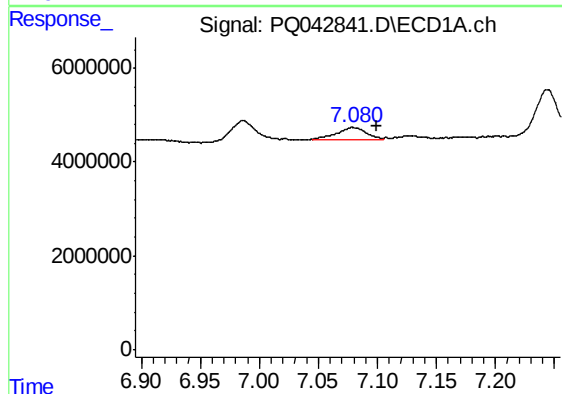
R.T.: 7.080 min
Delta R.T.: 0.005 min
Response: 4444467
Conc: 36.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



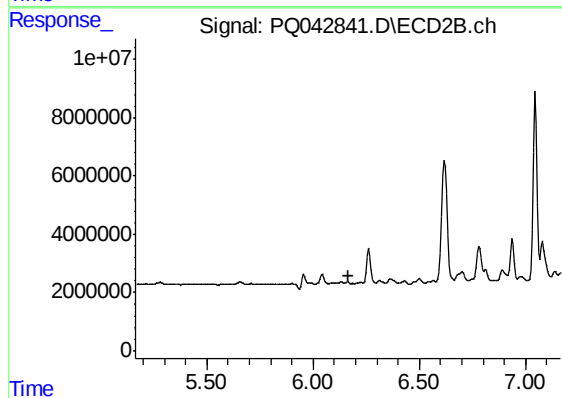
#3 AR-1016-1

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



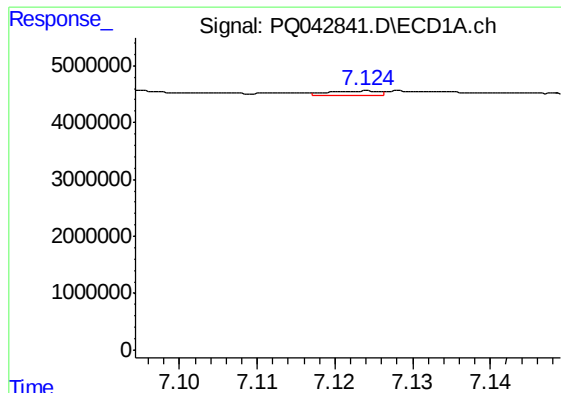
#4 AR-1016-2

R.T.: 7.080 min
Delta R.T.: -0.020 min
Response: 4444467
Conc: 24.15 ng/ml



#4 AR-1016-2

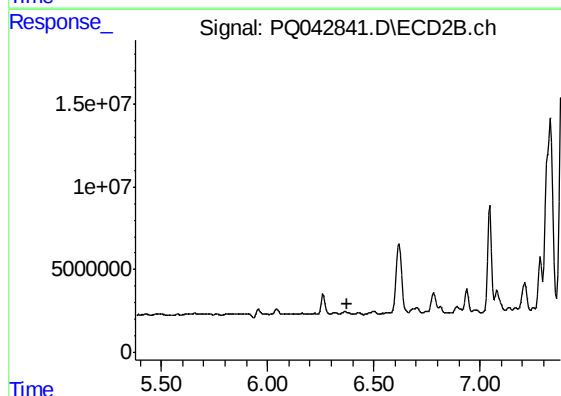
R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



#5 AR-1016-3

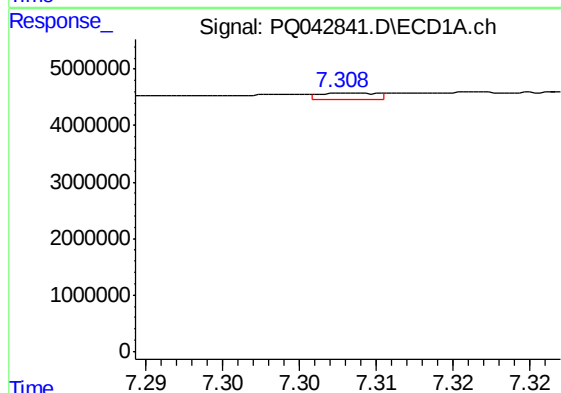
R.T.: 7.124 min
Delta R.T.: -0.045 min
Response: 344861
Conc: 2.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



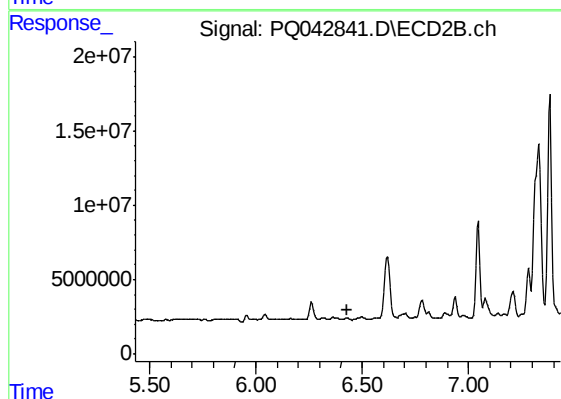
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 6.378 min
Response: 0
Conc: N.D.



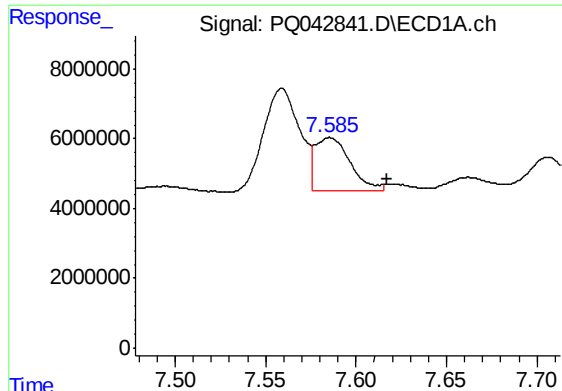
#6 AR-1016-4

R.T.: 7.308 min
Delta R.T.: 0.025 min
Response: 288207
Conc: 3.26 ng/ml



#6 AR-1016-4

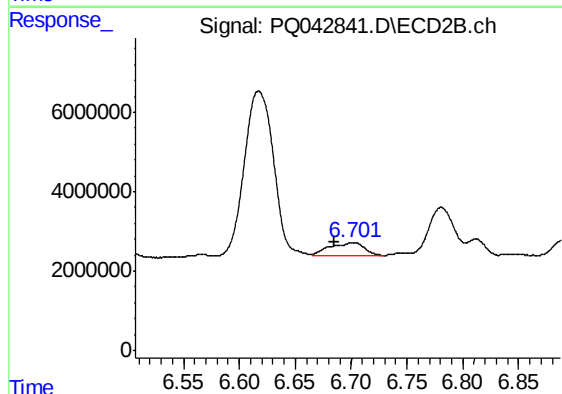
R.T.: 0.000 min
Exp R.T. : 6.433 min
Response: 0
Conc: N.D.



#7 AR-1016-5

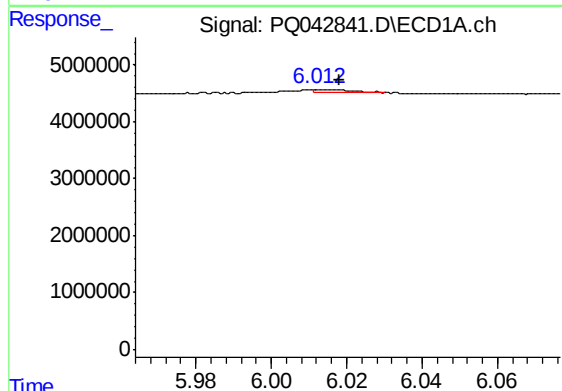
R.T.: 7.585 min
Delta R.T.: -0.032 min
Response: 20559746
Conc: 243.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



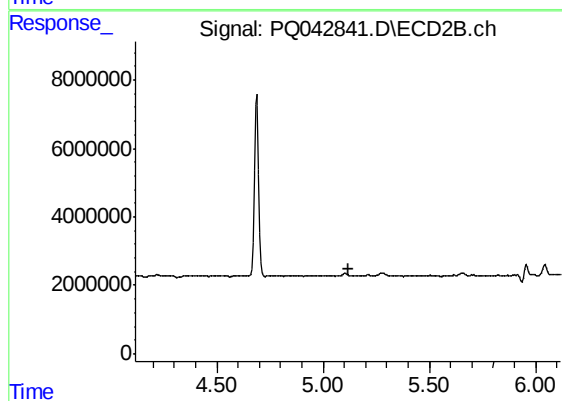
#7 AR-1016-5

R.T.: 6.702 min
Delta R.T.: 0.017 min
Response: 7005629
Conc: 78.22 ng/ml



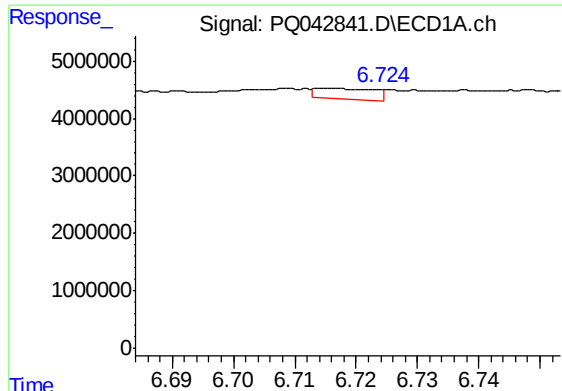
#9 AR-1221-2

R.T.: 6.013 min
Delta R.T.: -0.005 min
Response: 433059
Conc: 17.78 ng/ml



#9 AR-1221-2

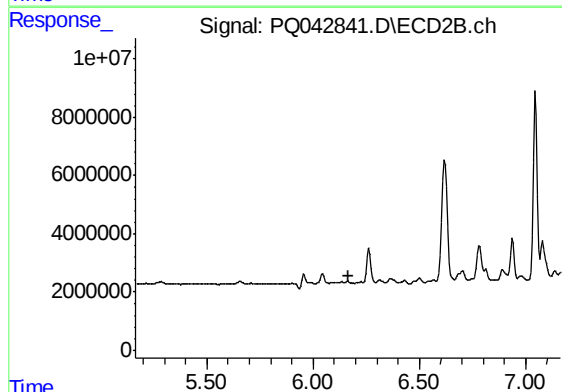
R.T.: 0.000 min
Exp R.T. : 5.117 min
Response: 0
Conc: N.D.



#12 AR-1232-2

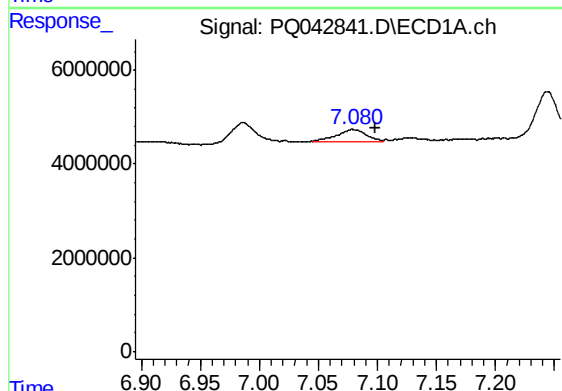
R.T.: 6.715 min
Delta R.T.: -0.039 min
Response: 1271969
Conc: 34.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



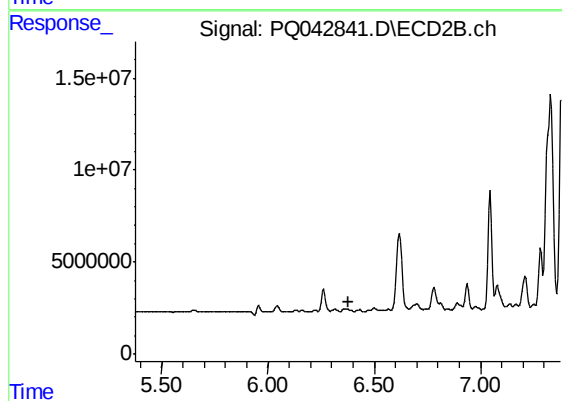
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



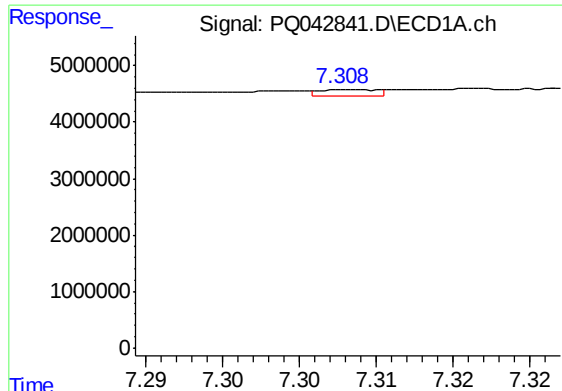
#13 AR-1232-3

R.T.: 7.080 min
Delta R.T.: -0.018 min
Response: 4444467
Conc: 53.17 ng/ml



#13 AR-1232-3

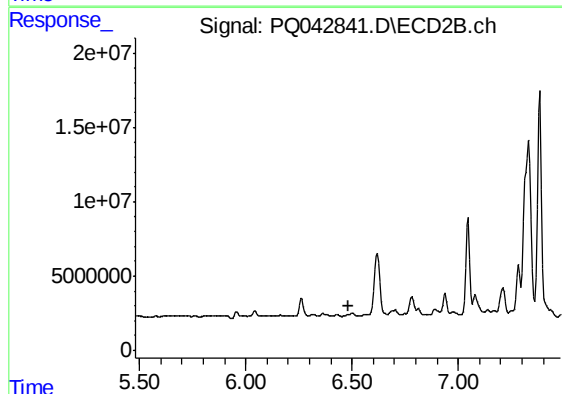
R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



#14 AR-1232-4

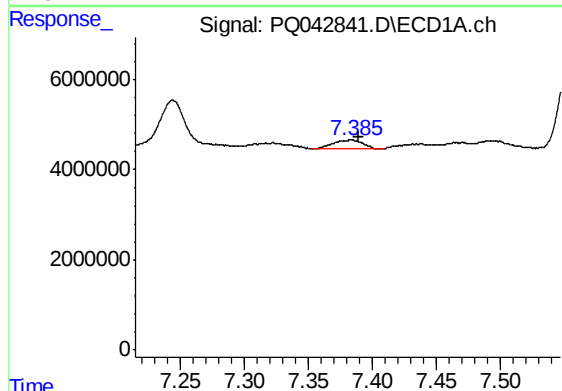
R.T.: 7.308 min
Delta R.T.: 0.027 min
Response: 288207
Conc: 7.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



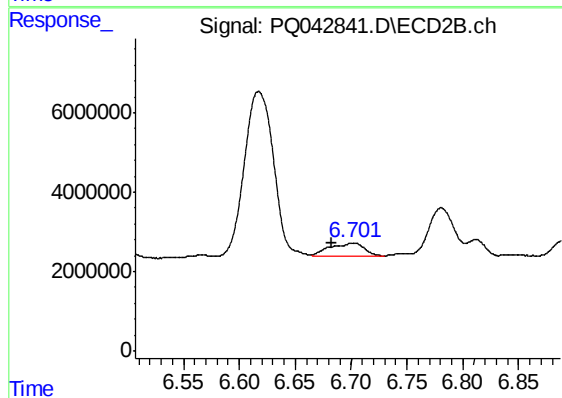
#14 AR-1232-4

R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.



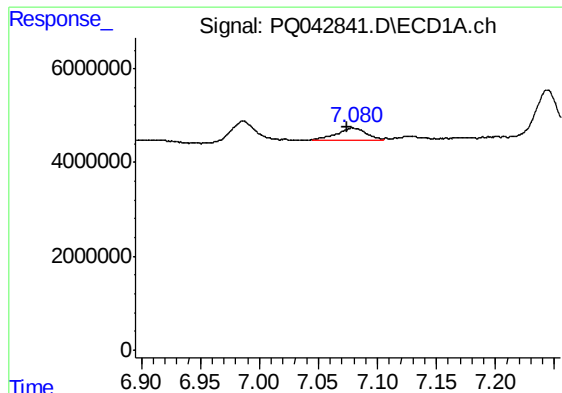
#15 AR-1232-5

R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 3267216
Conc: 133.58 ng/ml



#15 AR-1232-5

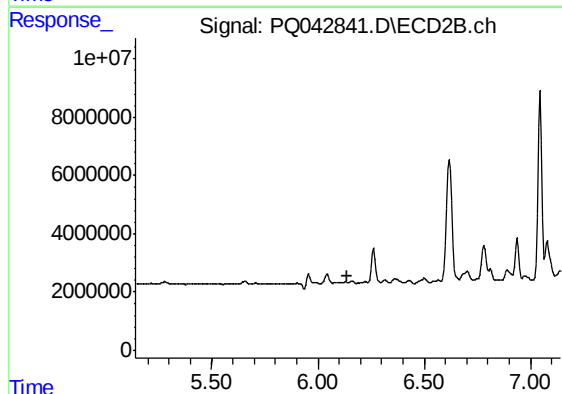
R.T.: 6.702 min
Delta R.T.: 0.018 min
Response: 7005629
Conc: 176.66 ng/ml



#16 AR-1242-1

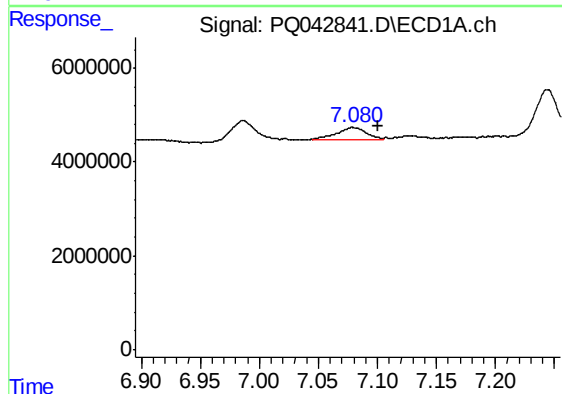
R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 4444467
Conc: 42.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



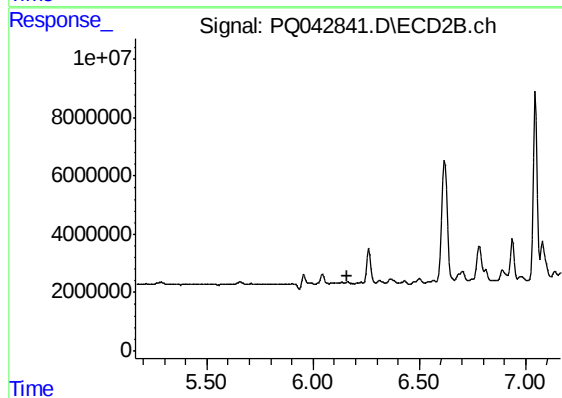
#16 AR-1242-1

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



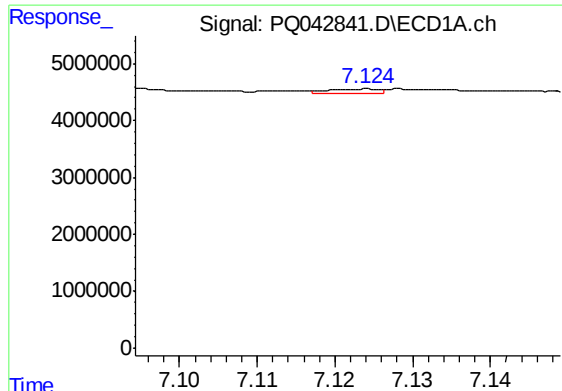
#17 AR-1242-2

R.T.: 7.080 min
Delta R.T.: -0.020 min
Response: 4444467
Conc: 29.18 ng/ml



#17 AR-1242-2

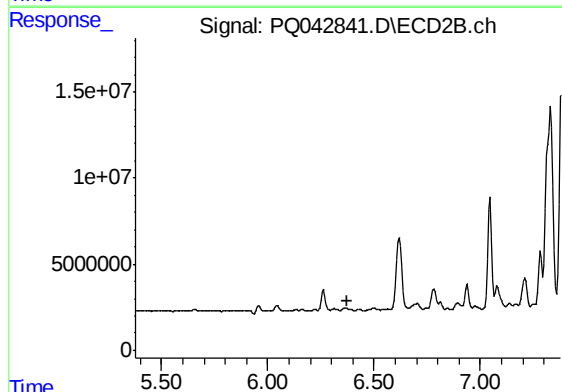
R.T.: 0.000 min
Exp R.T. : 6.163 min
Response: 0
Conc: N.D.



#18 AR-1242-3

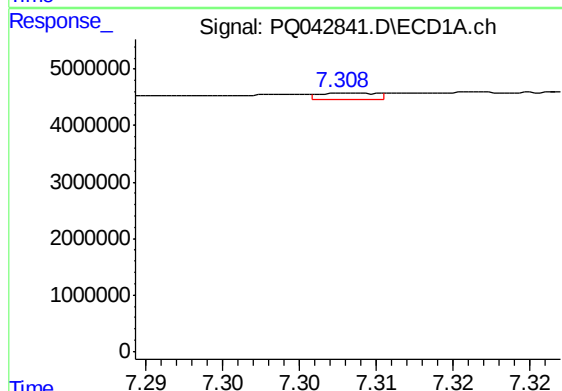
R.T.: 7.124 min
Delta R.T.: -0.044 min
Response: 344861
Conc: 3.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



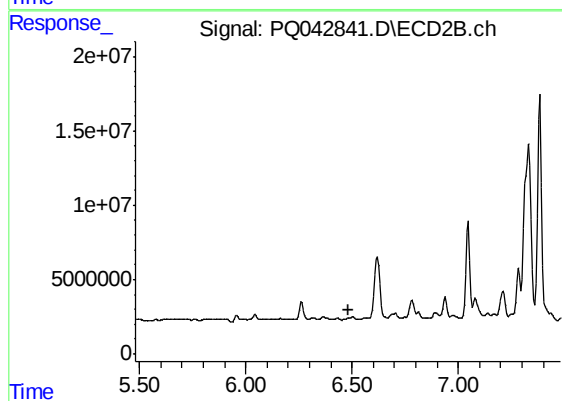
#18 AR-1242-3

R.T.: 0.000 min
Exp R.T. : 6.377 min
Response: 0
Conc: N.D.



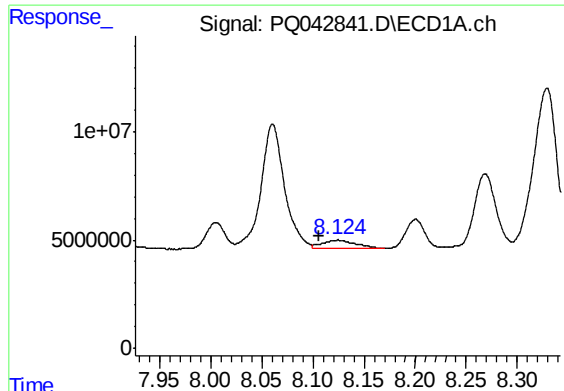
#19 AR-1242-4

R.T.: 7.308 min
Delta R.T.: 0.025 min
Response: 288207
Conc: 3.75 ng/ml



#19 AR-1242-4

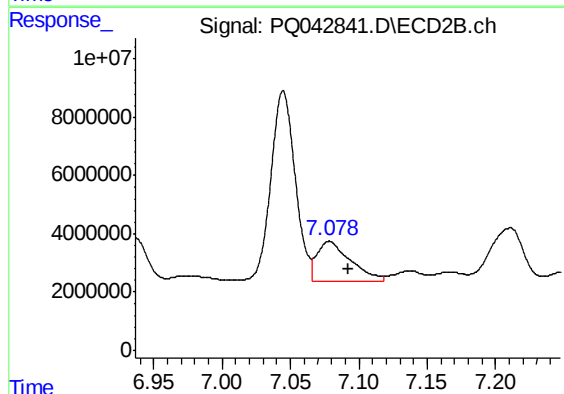
R.T.: 0.000 min
Exp R.T. : 6.481 min
Response: 0
Conc: N.D.



#20 AR-1242-5

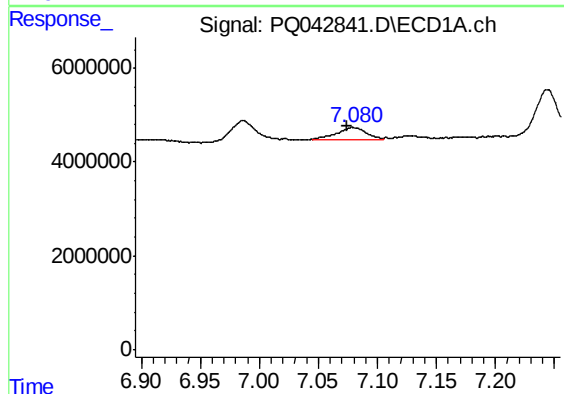
R.T.: 8.125 min
Delta R.T.: 0.018 min
Response: 9164563
Conc: 97.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



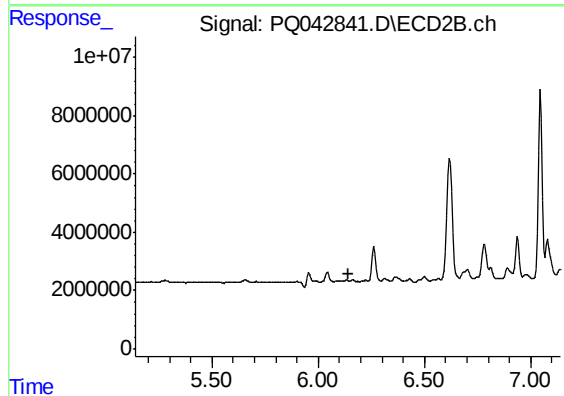
#20 AR-1242-5

R.T.: 7.079 min
Delta R.T.: -0.014 min
Response: 23502485
Conc: 209.66 ng/ml



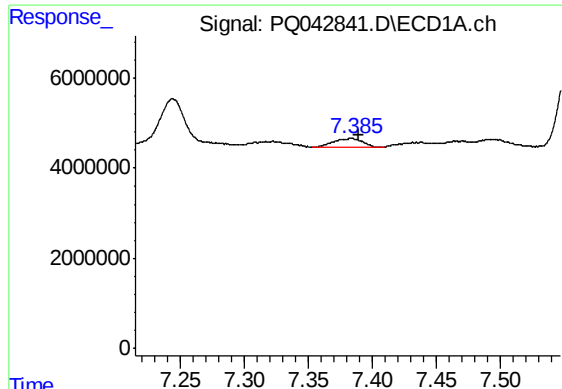
#21 AR-1248-1

R.T.: 7.080 min
Delta R.T.: 0.006 min
Response: 4444467
Conc: 53.31 ng/ml



#21 AR-1248-1

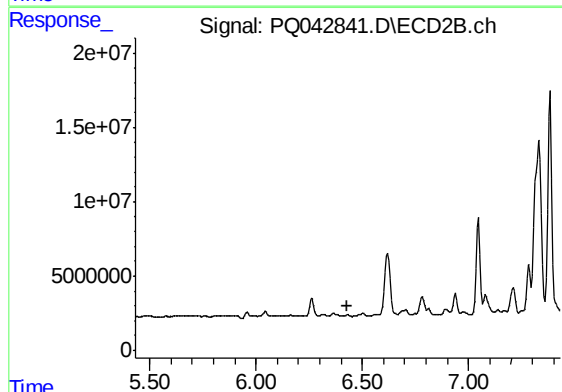
R.T.: 0.000 min
Exp R.T. : 6.140 min
Response: 0
Conc: N.D.



#22 AR-1248-2

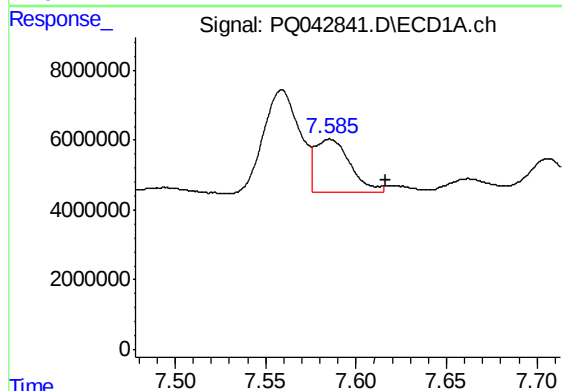
R.T.: 7.385 min
Delta R.T.: -0.004 min
Response: 3267216
Conc: 31.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



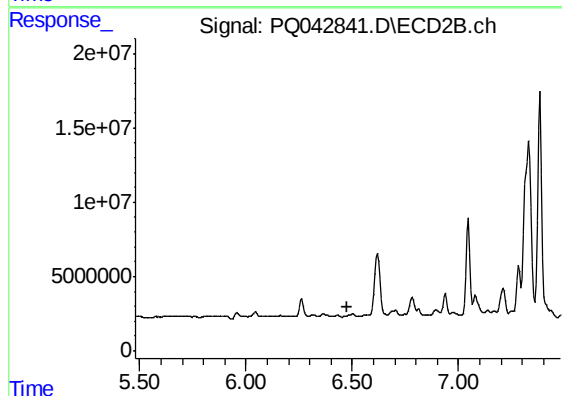
#22 AR-1248-2

R.T.: 0.000 min
Exp R.T. : 6.432 min
Response: 0
Conc: N.D.



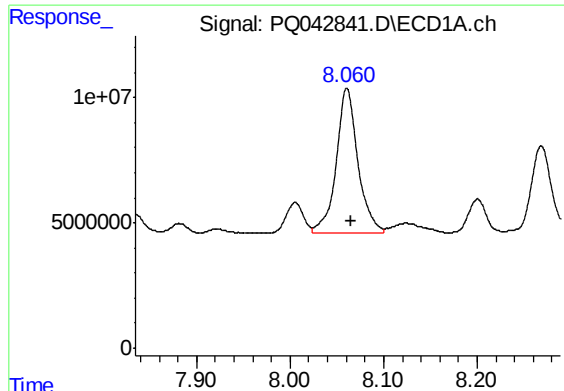
#23 AR-1248-3

R.T.: 7.585 min
Delta R.T.: -0.031 min
Response: 20559746
Conc: 162.02 ng/ml



#23 AR-1248-3

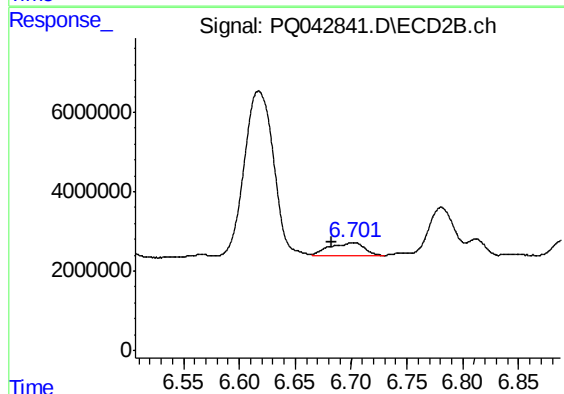
R.T.: 0.000 min
Exp R.T. : 6.480 min
Response: 0
Conc: N.D.



#24 AR-1248-4

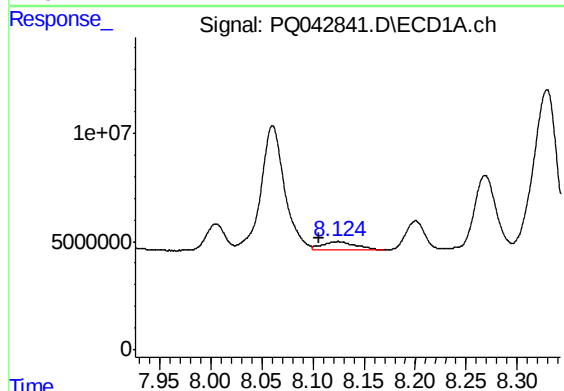
R.T.: 8.061 min
Delta R.T.: -0.004 min
Response: 93139750
Conc: 561.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



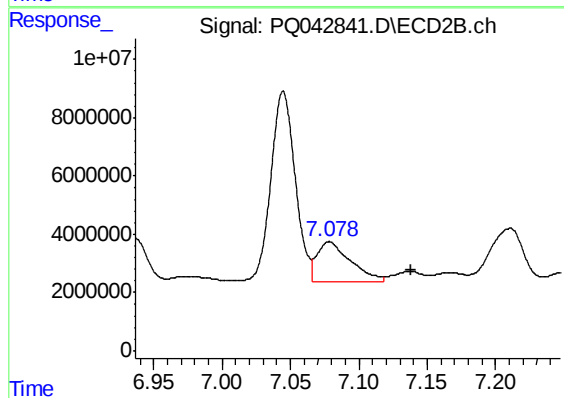
#24 AR-1248-4

R.T.: 6.702 min
Delta R.T.: 0.018 min
Response: 7005629
Conc: 51.28 ng/ml



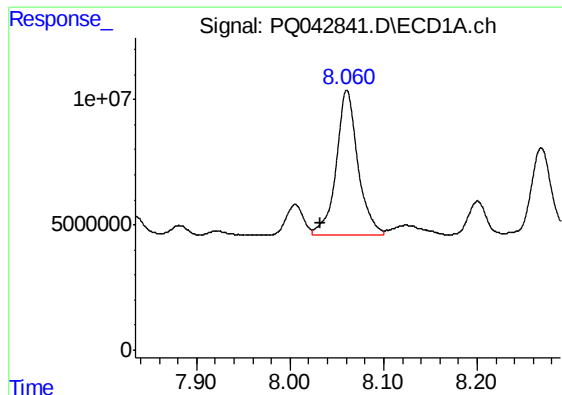
#25 AR-1248-5

R.T.: 8.125 min
Delta R.T.: 0.019 min
Response: 9164563
Conc: 57.56 ng/ml



#25 AR-1248-5

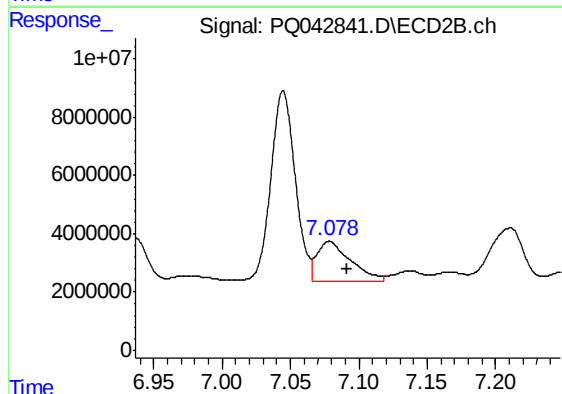
R.T.: 7.079 min
Delta R.T.: -0.060 min
Response: 23502485
Conc: 149.29 ng/ml



#26 AR-1254-1

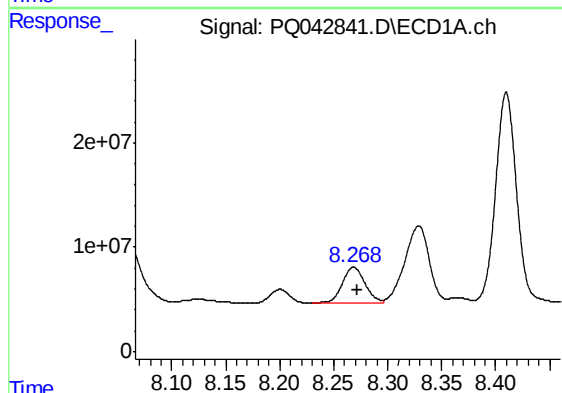
R.T.: 8.061 min
Delta R.T.: 0.028 min
Response: 93139750
Conc: 634.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



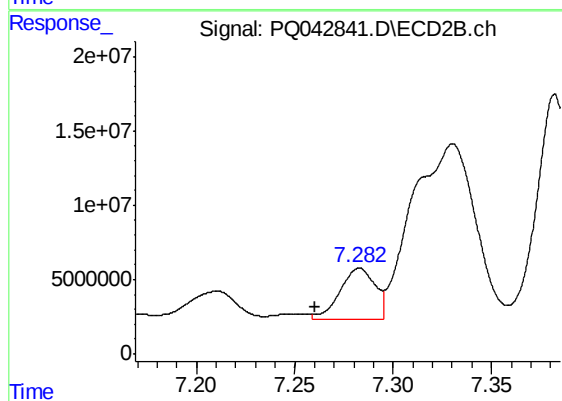
#26 AR-1254-1

R.T.: 7.079 min
Delta R.T.: -0.013 min
Response: 23502485
Conc: 104.16 ng/ml



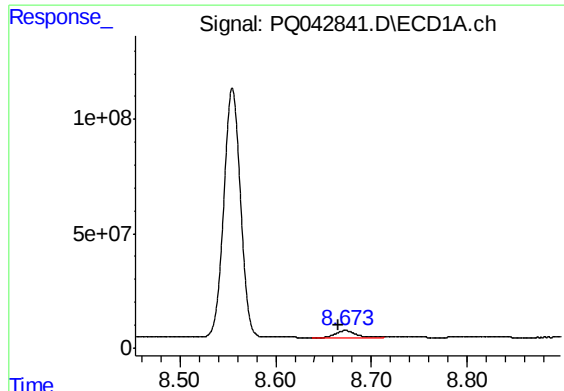
#27 AR-1254-2

R.T.: 8.268 min
Delta R.T.: -0.004 min
Response: 50066505
Conc: 208.72 ng/ml



#27 AR-1254-2

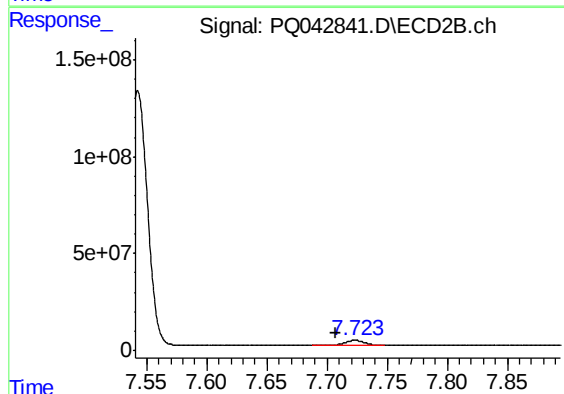
R.T.: 7.283 min
Delta R.T.: 0.023 min
Response: 43208087
Conc: 213.68 ng/ml



#28 AR-1254-3

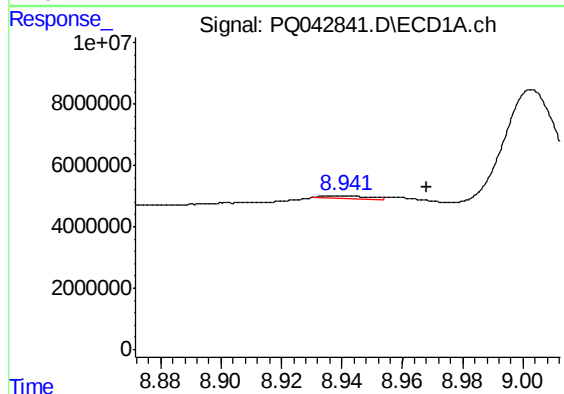
R.T.: 8.673 min
Delta R.T.: 0.007 min
Response: 49675817
Conc: 174.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



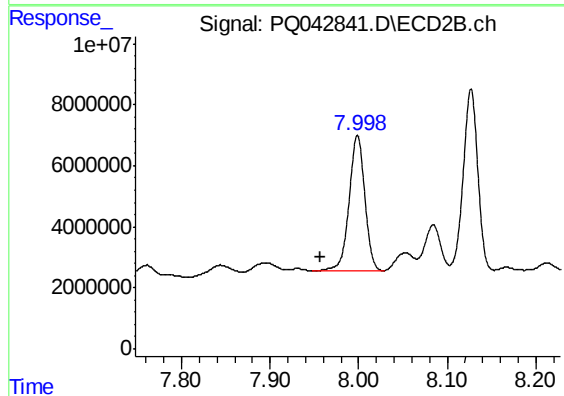
#28 AR-1254-3

R.T.: 7.723 min
Delta R.T.: 0.016 min
Response: 37032338
Conc: 105.16 ng/ml



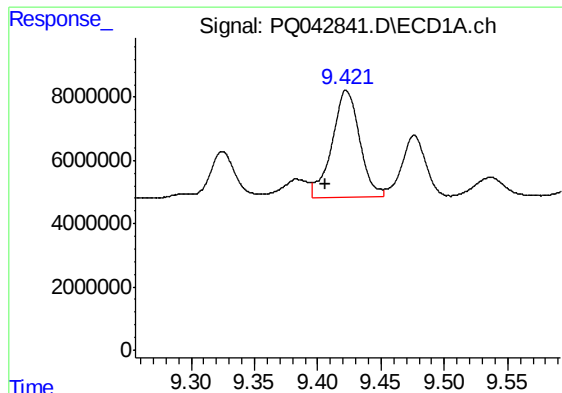
#29 AR-1254-4

R.T.: 8.939 min
Delta R.T.: -0.029 min
Response: 1108563
Conc: 4.65 ng/ml



#29 AR-1254-4

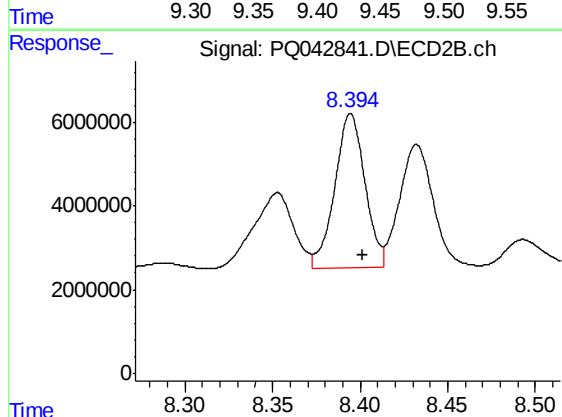
R.T.: 7.999 min
Delta R.T.: 0.042 min
Response: 54448948
Conc: 212.19 ng/ml



#30 AR-1254-5

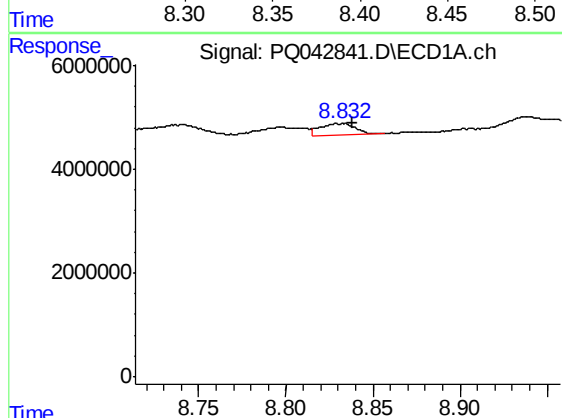
R.T.: 9.422 min
Delta R.T.: 0.016 min
Response: 51172687
Conc: 198.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



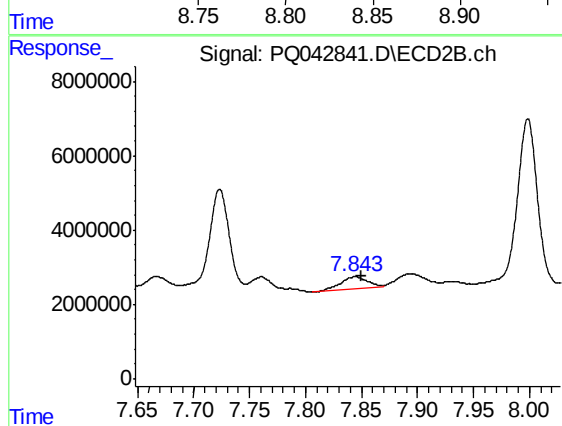
#30 AR-1254-5

R.T.: 8.395 min
Delta R.T.: -0.007 min
Response: 44071389
Conc: 121.29 ng/ml



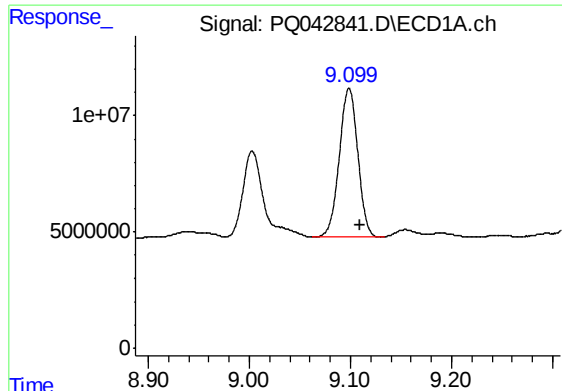
#31 AR-1260-1

R.T.: 8.833 min
Delta R.T.: -0.005 min
Response: 3263111
Conc: 18.51 ng/ml



#31 AR-1260-1

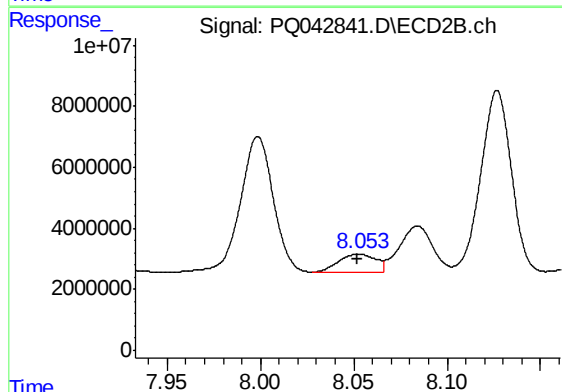
R.T.: 7.844 min
Delta R.T.: -0.006 min
Response: 5392985
Conc: 26.43 ng/ml



#32 AR-1260-2

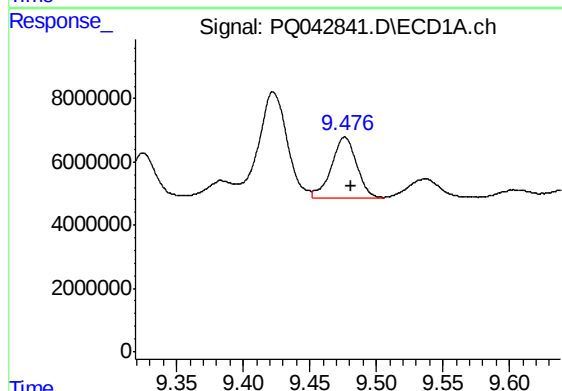
R.T.: 9.099 min
Delta R.T.: -0.010 min
Response: 81709469
Conc: 339.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



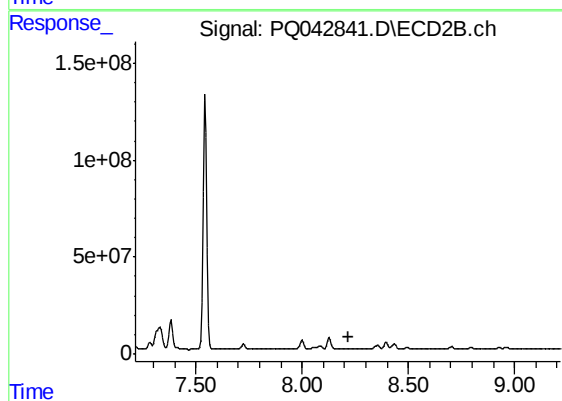
#32 AR-1260-2

R.T.: 8.053 min
Delta R.T.: 0.000 min
Response: 8052794
Conc: 30.06 ng/ml



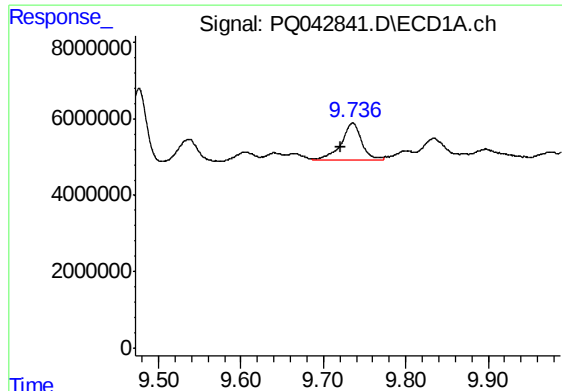
#33 AR-1260-3

R.T.: 9.476 min
Delta R.T.: -0.005 min
Response: 25655115
Conc: 118.66 ng/ml



#33 AR-1260-3

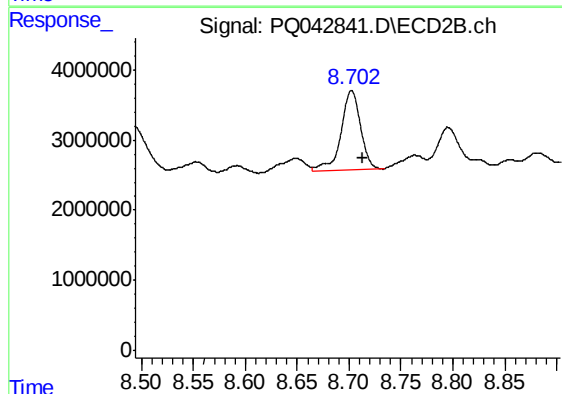
R.T.: 0.000 min
Exp R.T. : 8.216 min
Response: 0
Conc: N.D.



#34 AR-1260-4

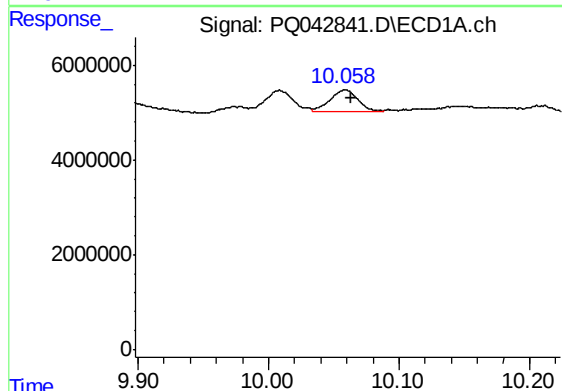
R.T.: 9.736 min
Delta R.T.: 0.014 min
Response: 16574632
Conc: 68.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



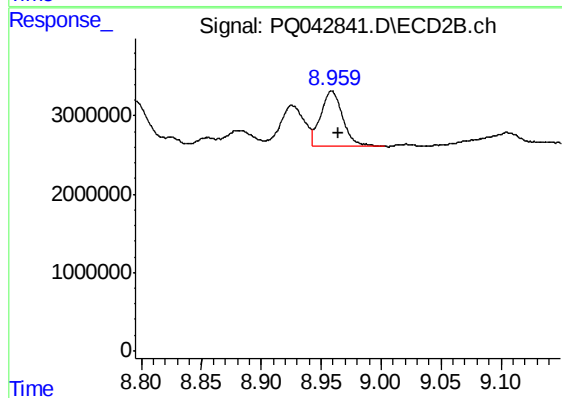
#34 AR-1260-4

R.T.: 8.702 min
Delta R.T.: -0.010 min
Response: 15127194
Conc: 66.72 ng/ml



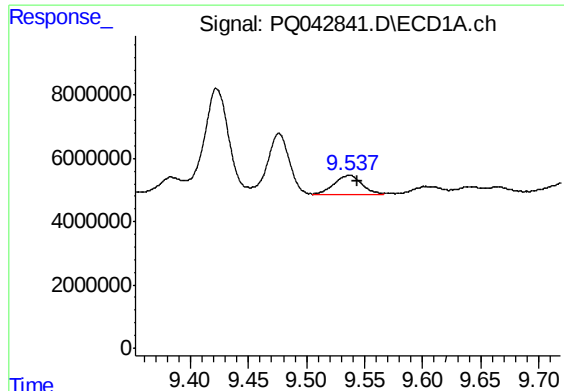
#35 AR-1260-5

R.T.: 10.058 min
Delta R.T.: -0.005 min
Response: 6809448
Conc: 11.47 ng/ml



#35 AR-1260-5

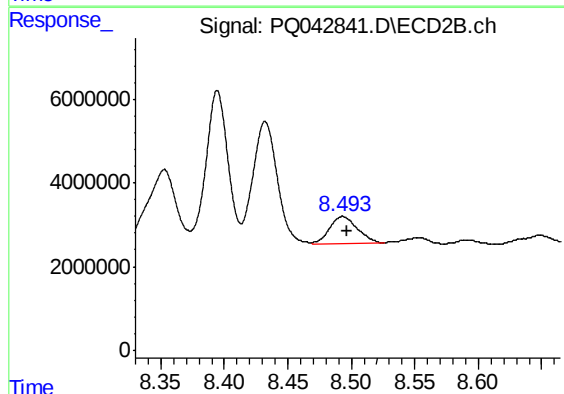
R.T.: 8.959 min
Delta R.T.: -0.006 min
Response: 8937620
Conc: 14.35 ng/ml



#36 AR-1262-1

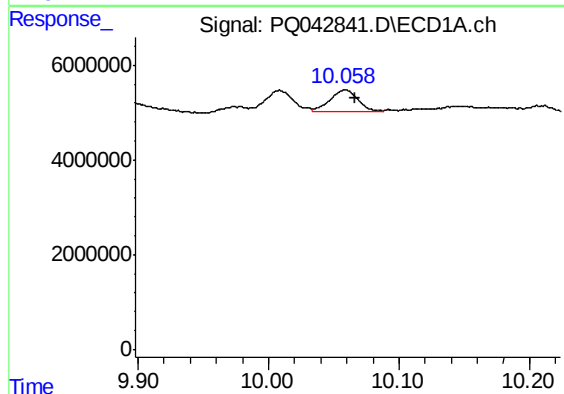
R.T.: 9.538 min
Delta R.T.: -0.006 min
Response: 9784439
Conc: 67.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



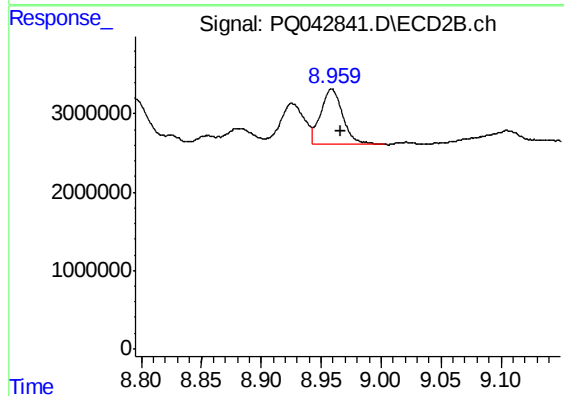
#36 AR-1262-1

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 9650680
Conc: 56.38 ng/ml



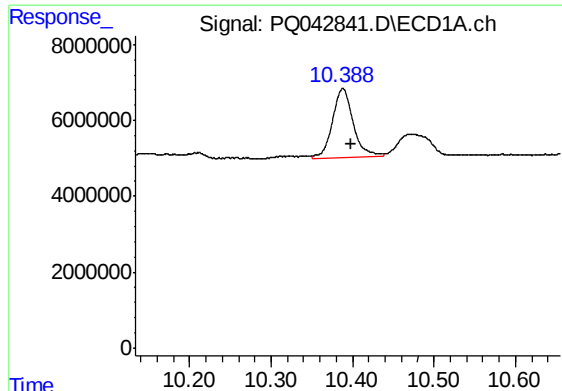
#37 AR-1262-2

R.T.: 10.058 min
Delta R.T.: -0.008 min
Response: 6809448
Conc: 9.05 ng/ml



#37 AR-1262-2

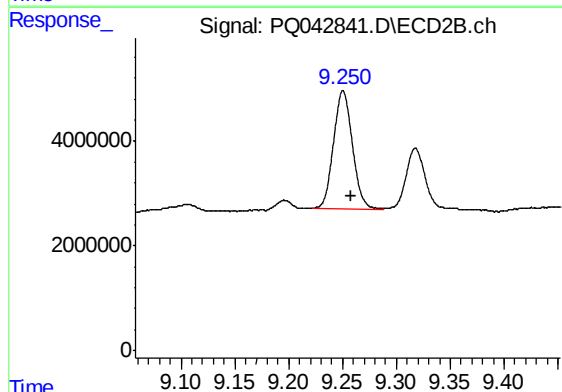
R.T.: 8.959 min
Delta R.T.: -0.007 min
Response: 8937620
Conc: 10.70 ng/ml



#38 AR-1262-3

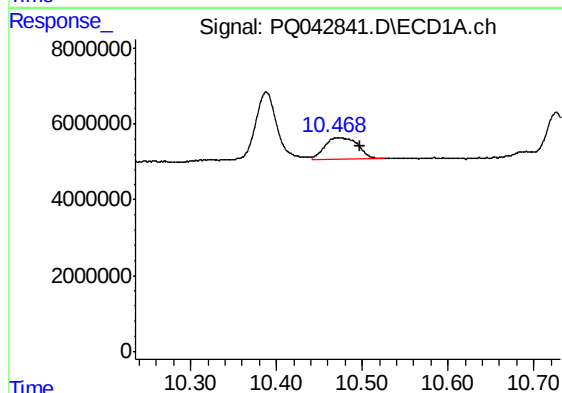
R.T.: 10.388 min
Delta R.T.: -0.010 min
Response: 32277672
Conc: 60.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



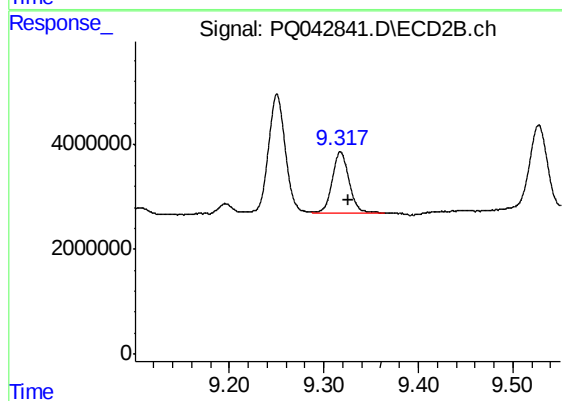
#38 AR-1262-3

R.T.: 9.250 min
Delta R.T.: -0.008 min
Response: 27746049
Conc: 78.06 ng/ml



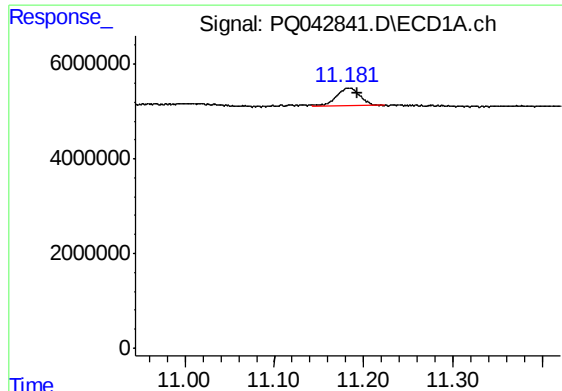
#39 AR-1262-4

R.T.: 10.469 min
Delta R.T.: -0.028 min
Response: 15440624
Conc: 35.52 ng/ml



#39 AR-1262-4

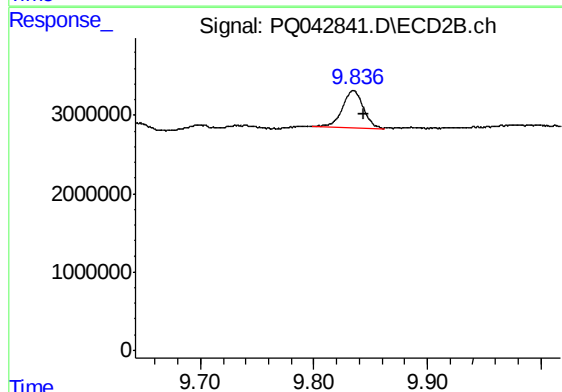
R.T.: 9.318 min
Delta R.T.: -0.008 min
Response: 14524429
Conc: 22.53 ng/ml



#40 AR-1262-5

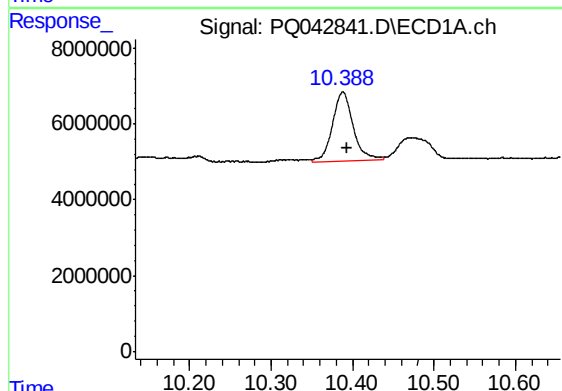
R.T.: 11.182 min
Delta R.T.: -0.011 min
Response: 6747953
Conc: 19.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



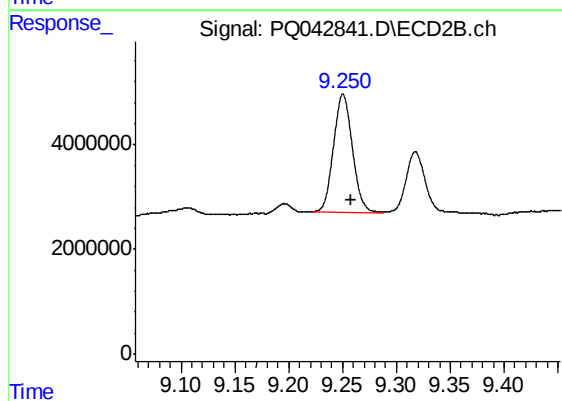
#40 AR-1262-5

R.T.: 9.835 min
Delta R.T.: -0.009 min
Response: 5963674
Conc: 18.85 ng/ml



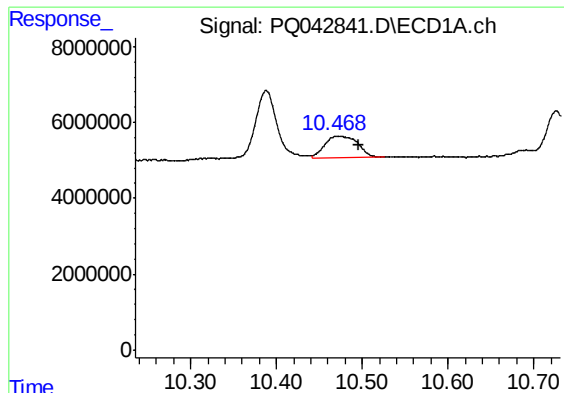
#41 AR-1268-1

R.T.: 10.388 min
Delta R.T.: -0.006 min
Response: 32277672
Conc: 33.76 ng/ml



#41 AR-1268-1

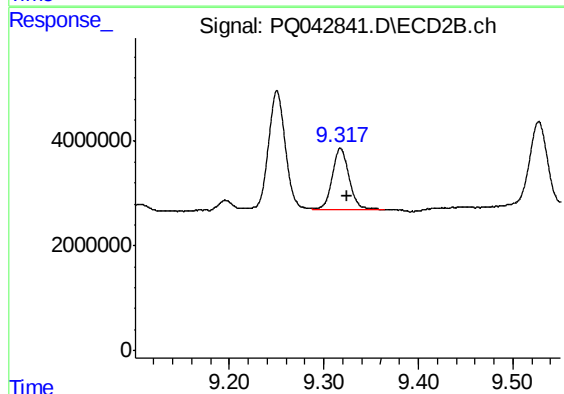
R.T.: 9.250 min
Delta R.T.: -0.007 min
Response: 27746049
Conc: 27.64 ng/ml



#42 AR-1268-2

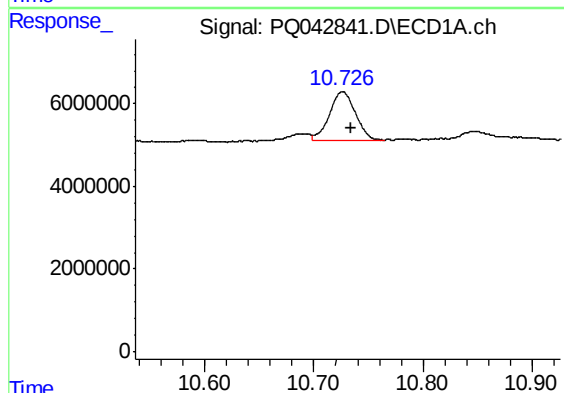
R.T.: 10.469 min
Delta R.T.: -0.027 min
Response: 15440624
Conc: 16.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



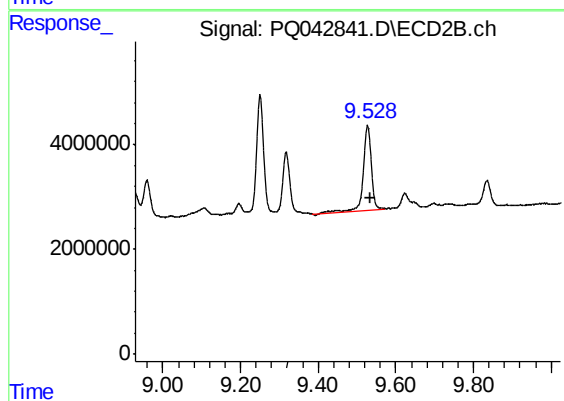
#42 AR-1268-2

R.T.: 9.318 min
Delta R.T.: -0.007 min
Response: 14524429
Conc: 15.47 ng/ml



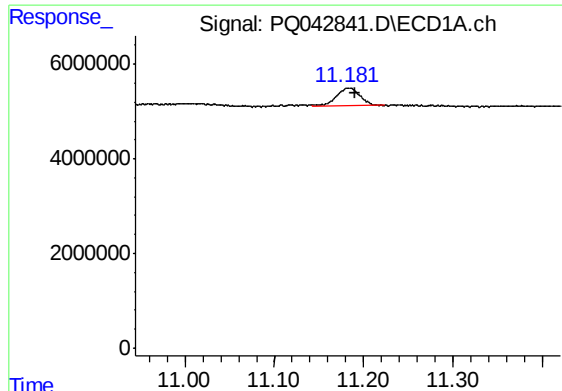
#43 AR-1268-3

R.T.: 10.726 min
Delta R.T.: -0.008 min
Response: 19881028
Conc: 24.53 ng/ml



#43 AR-1268-3

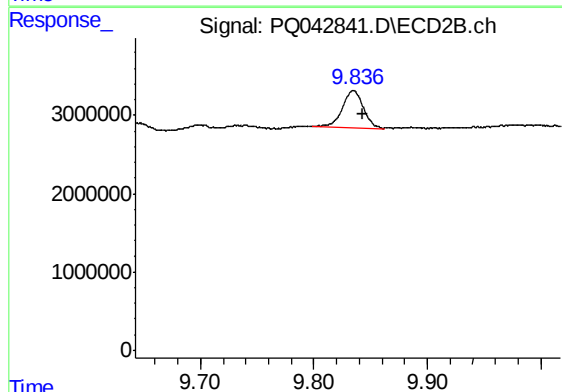
R.T.: 9.527 min
Delta R.T.: -0.008 min
Response: 23161162
Conc: 29.08 ng/ml



#44 AR-1268-4

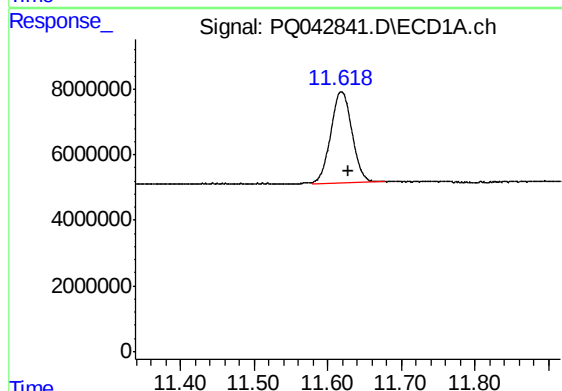
R.T.: 11.182 min
Delta R.T.: -0.009 min
Response: 6747953
Conc: 18.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
ETQB0



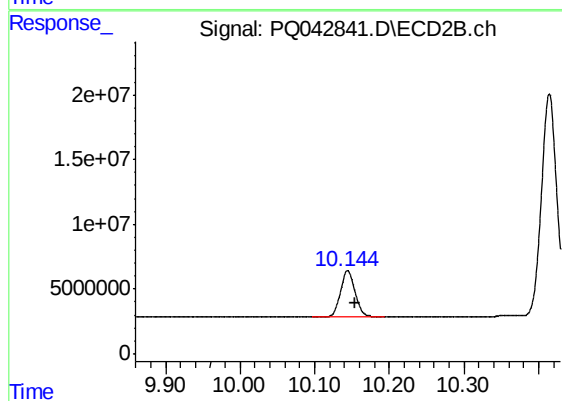
#44 AR-1268-4

R.T.: 9.835 min
Delta R.T.: -0.008 min
Response: 5963674
Conc: 17.43 ng/ml



#45 AR-1268-5

R.T.: 11.618 min
Delta R.T.: -0.010 min
Response: 55748991
Conc: 19.70 ng/ml



#45 AR-1268-5

R.T.: 10.144 min
Delta R.T.: -0.009 min
Response: 47365055
Conc: 18.48 ng/ml