

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ022719\
 Data File : PQ037606.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2019 22:26
 Operator : SM\SJ
 Sample : PB117397BSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB117397BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 26 23:57:36 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ022219.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Feb 23 04:01:25 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	4.226	3.654	87668124	44640438	13.993	13.361
2)	SA Decachlor...	9.693	8.546	80943223	36784556	15.680	15.949
Target Compounds							
3)	L1 AR-1016-1	5.392	4.715	10912122	3804112	58.564	36.728 #
4)	L1 AR-1016-2	5.392	4.732	10912122	5571493	38.404	35.953
5)	L1 AR-1016-3	5.452	4.906	6831339	2865942	41.126	36.983
6)	L1 AR-1016-4	5.552	4.944	4906529	2302430	35.610	36.195
7)	L1 AR-1016-5	5.875	5.155	2310680	2837877	16.936	35.216 #
8)	L2 AR-1221-1	4.525	0.000	2261034	0	21.496	N.D. #
9)	L2 AR-1221-2	4.525	4.020	2261034	1950624	31.160	48.441 #
10)	L2 AR-1221-3	4.598	4.020	3489834	1950624	13.419	13.746
11)	L3 AR-1232-1	4.598	4.020	3489834	1950624	32.600	32.365
12)	L3 AR-1232-2	5.109	4.732	5189992	5571493	94.094	84.930
13)	L3 AR-1232-3	5.392	4.906	10912122	2865942	92.426	89.058
14)	L3 AR-1232-4	5.552	4.985	4906529	2321065	87.280	82.237
15)	L3 AR-1232-5	5.676	5.155	4388029	2837877	104.224	93.451
16)	L4 AR-1242-1	5.392	4.715	10912122	3804112	74.239	46.570 #
17)	L4 AR-1242-2	5.392	4.732	10912122	5571493	48.268	45.333
18)	L4 AR-1242-3	5.452	4.906	6831339	2865942	51.564	46.261
19)	L4 AR-1242-4	5.552	4.985	4906529	2321065	44.987	39.097
20)	L4 AR-1242-5	0.000	5.497	0	2278227	N.D.	31.664 #
21)	L5 AR-1248-1	5.392	4.715	10912122	3804112	108.230	66.043 #
22)	L5 AR-1248-2	5.676	4.944	4388029	2302430	31.713	31.024
23)	L5 AR-1248-3	5.875	4.985	2310680	2321065	14.918	31.071 #
24)	L5 AR-1248-4	6.203	5.155	2182561	2837877	12.195	31.380 #
25)	L5 AR-1248-5	0.000	5.497	0	2278227	N.D.	25.336 #
26)	L6 AR-1254-1	6.203	5.497	2182561	2278227	10.601	14.524 #
27)	L6 AR-1254-2	6.413	5.642	4320781	2528793	13.465	19.000 #
28)	L6 AR-1254-3	6.783	6.048	2321868	4296604	7.061	20.435 #
29)	L6 AR-1254-4	7.063	0.000	2447485	0	9.347	N.D. #
30)	L6 AR-1254-5	7.506	6.674	2010496	8192142	8.044	47.762 #
31)	L7 AR-1260-1	6.936	6.164	10991723	6171564	39.284	39.201
32)	L7 AR-1260-2	7.190	6.351	12994542	7729518	36.414	40.499
33)	L7 AR-1260-3	7.541	6.501	8800264	6627613	37.951	38.168
34)	L7 AR-1260-4	7.771	6.964	9488334	4807294	38.495	42.022
35)	L7 AR-1260-5	8.125	7.207	1433536	11281610	2.717	40.265 #
36)	L8 AR-1262-1	7.600	6.706	4686745	5450893	26.513	23.502
37)	L8 AR-1262-2	8.078	7.207	21225428	11281610	25.702	27.281
38)	L8 AR-1262-3	8.388	7.479	4836842	2906448	13.775	17.859 #
39)	L8 AR-1262-4	8.432	7.548	5657426	8662225	13.818	29.685 #
40)	L8 AR-1262-5	9.048	8.041	5065849	2495690	18.928	20.613
41)	L9 AR-1268-1	8.388	7.479	4836842	2906448	5.201	6.767 #

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 Misc :
 ALS Vial : 23 Sample Multiplier: 1

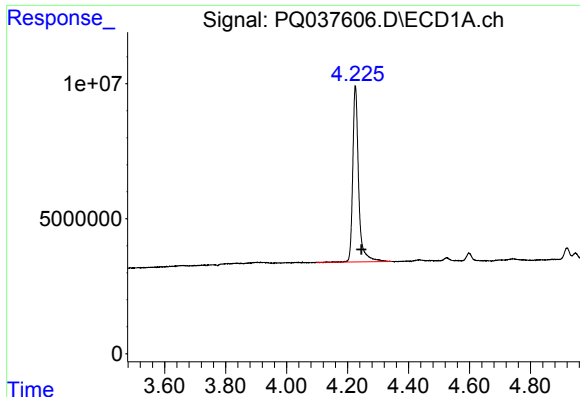
Instrument :
 ECD_Q
 ClientSampleId :
 PB117397BSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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 Signal #1 Info : 30Mx0.32mmx 0.50µ 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	8.432	7.548	5657426	8662225	6.696	22.270 #
44) L9	AR-1268-4	9.048	8.041	5065849	2495690	19.468	20.519
45) L9	AR-1268-5	9.411	0.000	2786997	0	1.357	N.D. #

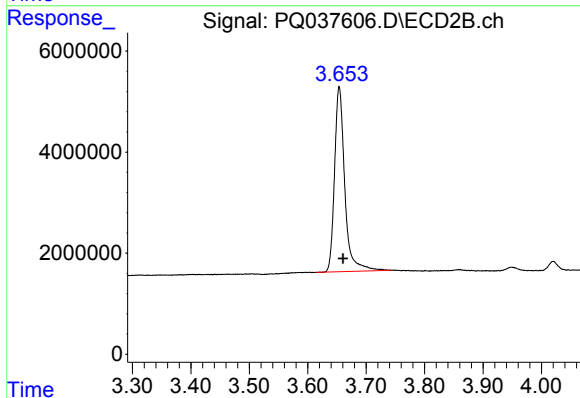
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

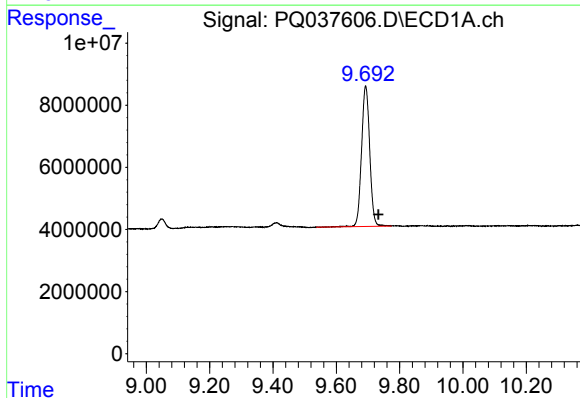
R.T.: 4.226 min
Delta R.T.: -0.020 min
Response: 87668124
Conc: 13.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



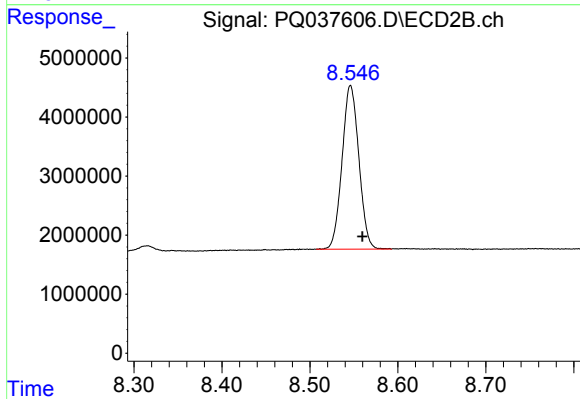
#1 Tetrachloro-m-xylene

R.T.: 3.654 min
Delta R.T.: -0.006 min
Response: 44640438
Conc: 13.36 ng/ml



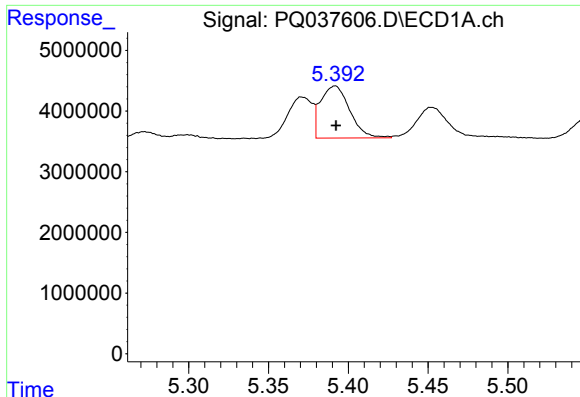
#2 Decachlorobiphenyl

R.T.: 9.693 min
Delta R.T.: -0.040 min
Response: 80943223
Conc: 15.68 ng/ml



#2 Decachlorobiphenyl

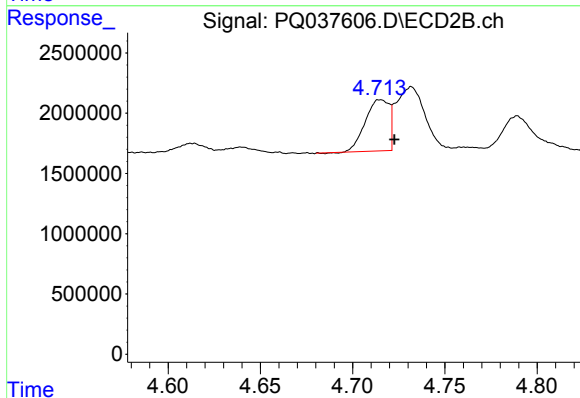
R.T.: 8.546 min
Delta R.T.: -0.014 min
Response: 36784556
Conc: 15.95 ng/ml



#3 AR-1016-1

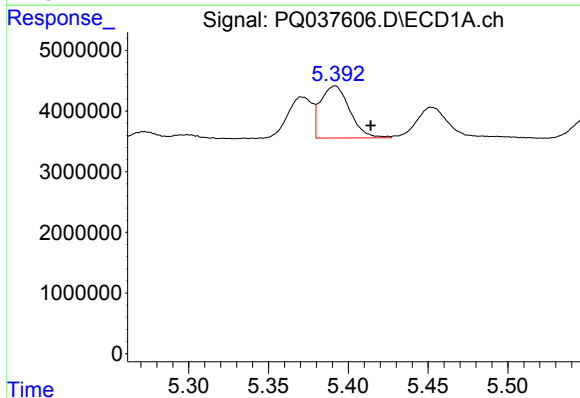
R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 10912122
Conc: 58.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



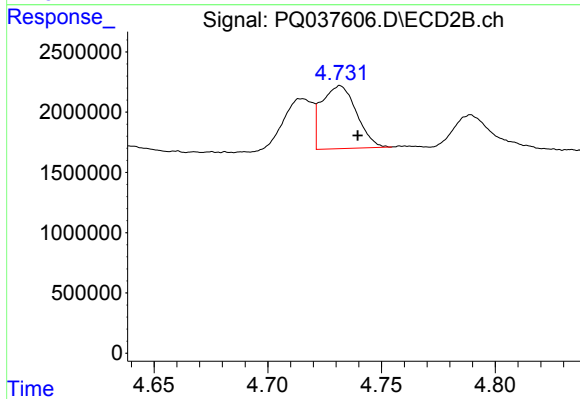
#3 AR-1016-1

R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 3804112
Conc: 36.73 ng/ml



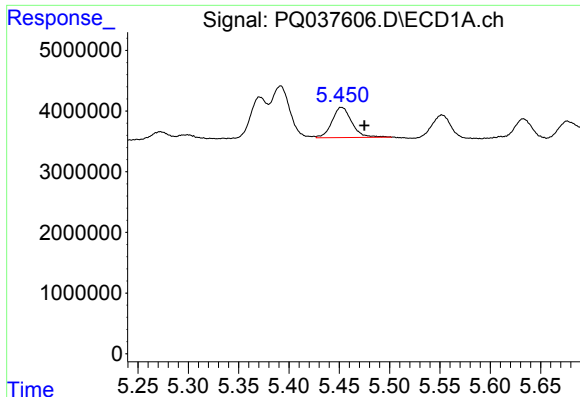
#4 AR-1016-2

R.T.: 5.392 min
Delta R.T.: -0.022 min
Response: 10912122
Conc: 38.40 ng/ml



#4 AR-1016-2

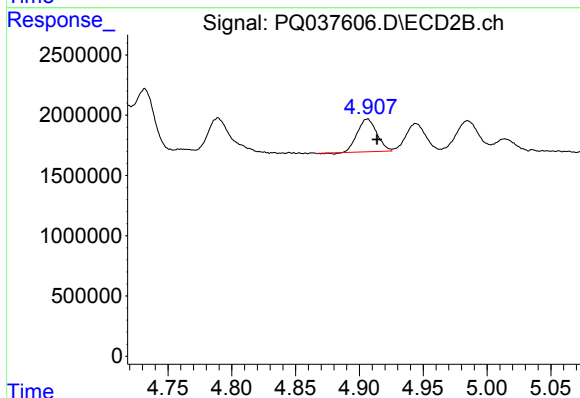
R.T.: 4.732 min
Delta R.T.: -0.008 min
Response: 5571493
Conc: 35.95 ng/ml



#5 AR-1016-3

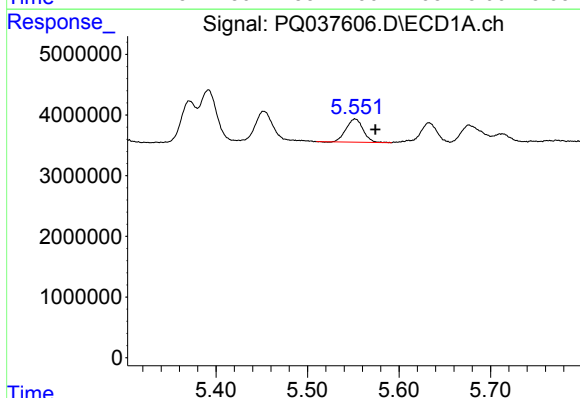
R.T.: 5.452 min
Delta R.T.: -0.023 min
Response: 6831339
Conc: 41.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



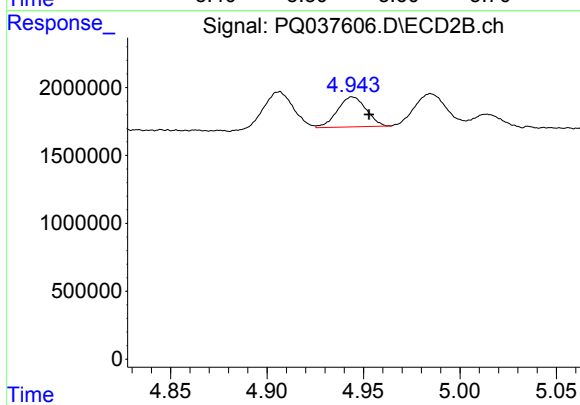
#5 AR-1016-3

R.T.: 4.906 min
Delta R.T.: -0.008 min
Response: 2865942
Conc: 36.98 ng/ml



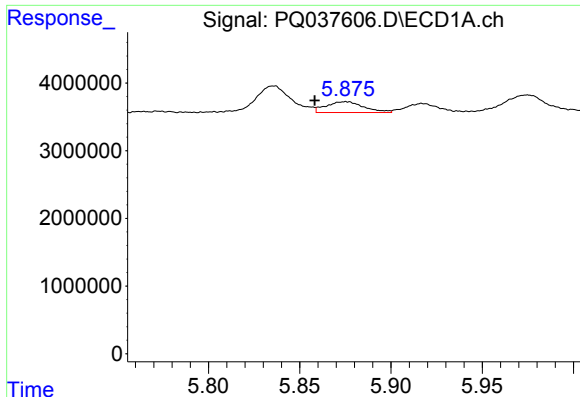
#6 AR-1016-4

R.T.: 5.552 min
Delta R.T.: -0.022 min
Response: 4906529
Conc: 35.61 ng/ml



#6 AR-1016-4

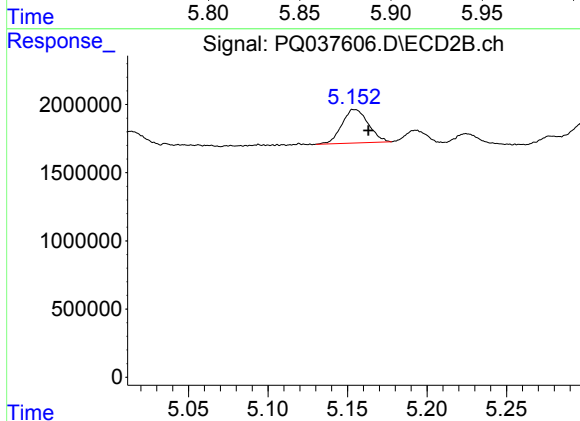
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 2302430
Conc: 36.20 ng/ml



#7 AR-1016-5

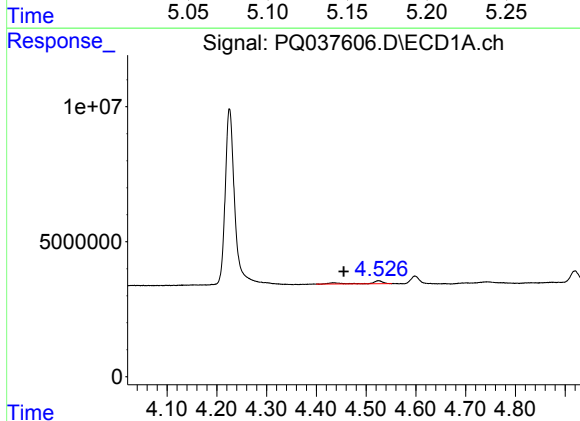
R.T.: 5.875 min
Delta R.T.: 0.017 min
Response: 2310680
Conc: 16.94 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



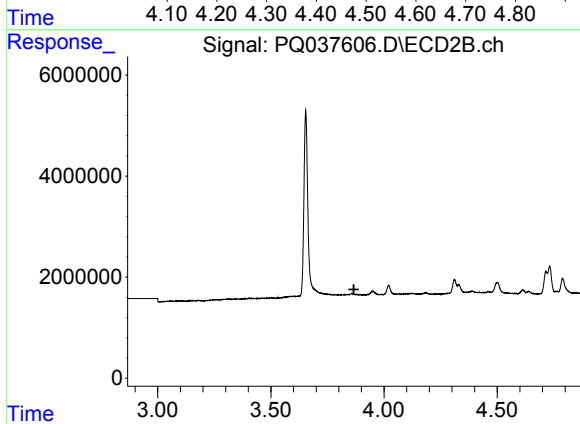
#7 AR-1016-5

R.T.: 5.155 min
Delta R.T.: -0.009 min
Response: 2837877
Conc: 35.22 ng/ml



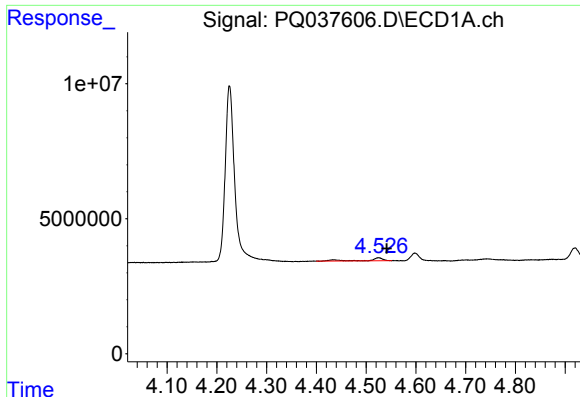
#8 AR-1221-1

R.T.: 4.525 min
Delta R.T.: 0.070 min
Response: 2261034
Conc: 21.50 ng/ml



#8 AR-1221-1

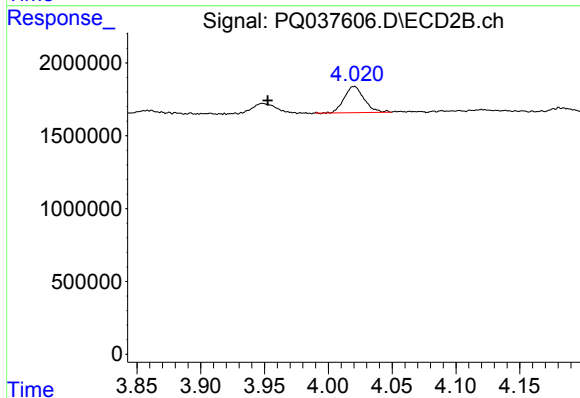
R.T.: 0.000 min
Exp R.T.: 3.867 min
Response: 0
Conc: N.D.



#9 AR-1221-2

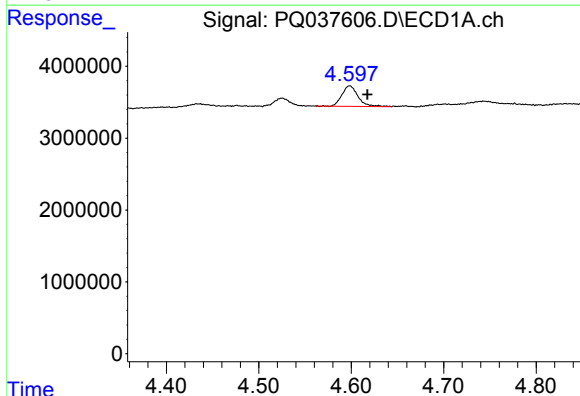
R.T.: 4.525 min
Delta R.T.: -0.016 min
Response: 2261034
Conc: 31.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



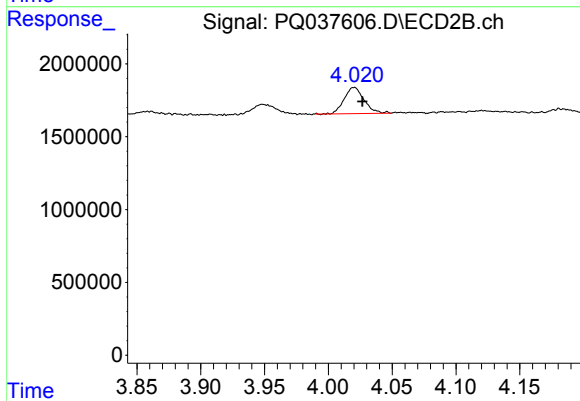
#9 AR-1221-2

R.T.: 4.020 min
Delta R.T.: 0.068 min
Response: 1950624
Conc: 48.44 ng/ml



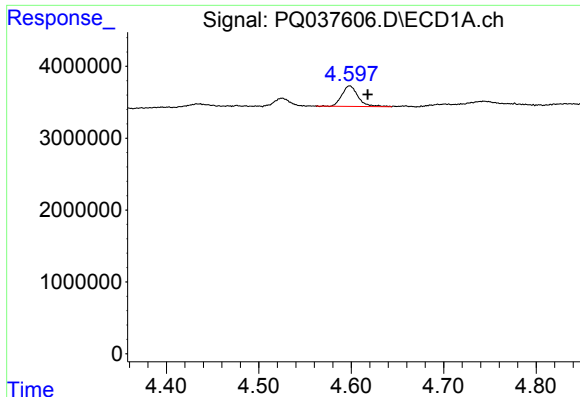
#10 AR-1221-3

R.T.: 4.598 min
Delta R.T.: -0.019 min
Response: 3489834
Conc: 13.42 ng/ml



#10 AR-1221-3

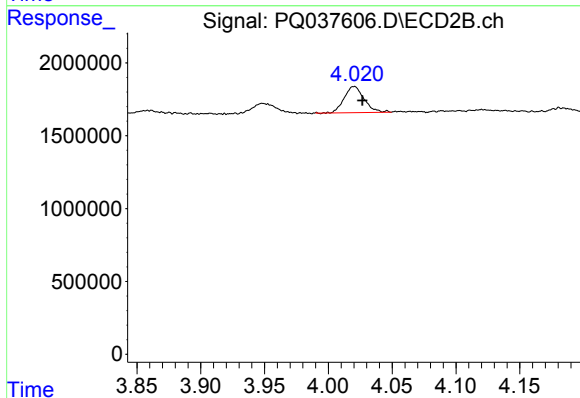
R.T.: 4.020 min
Delta R.T.: -0.006 min
Response: 1950624
Conc: 13.75 ng/ml



#11 AR-1232-1

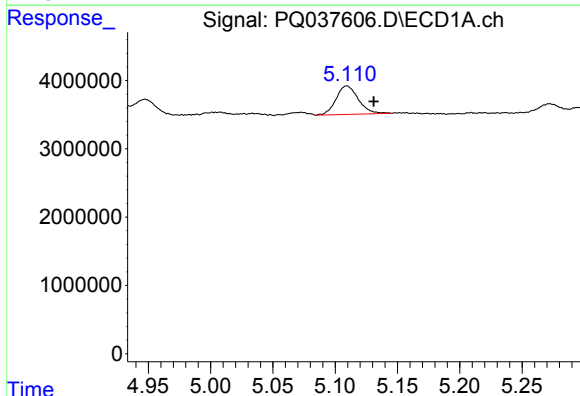
R.T.: 4.598 min
Delta R.T.: -0.019 min
Response: 3489834
Conc: 32.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



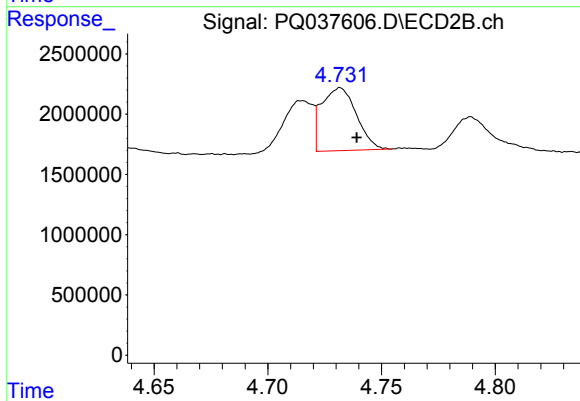
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 1950624
Conc: 32.36 ng/ml



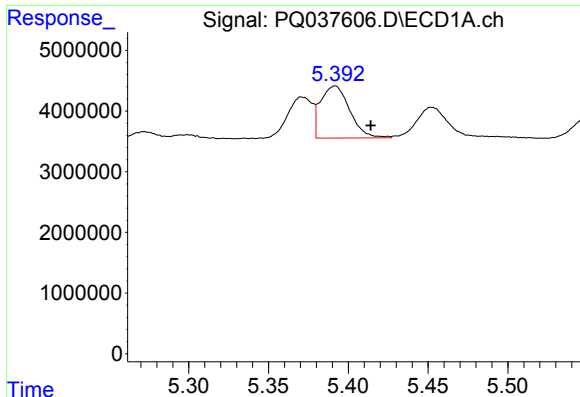
#12 AR-1232-2

R.T.: 5.109 min
Delta R.T.: -0.022 min
Response: 5189992
Conc: 94.09 ng/ml



#12 AR-1232-2

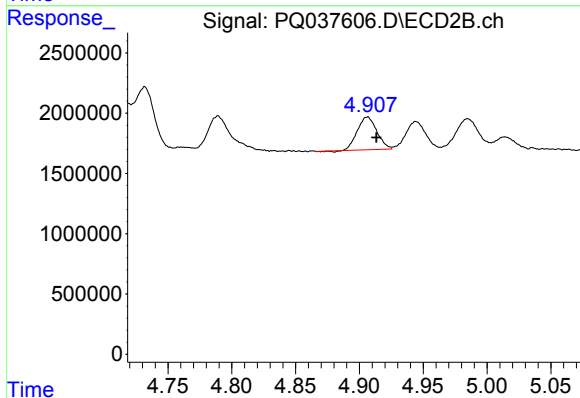
R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 5571493
Conc: 84.93 ng/ml



#13 AR-1232-3

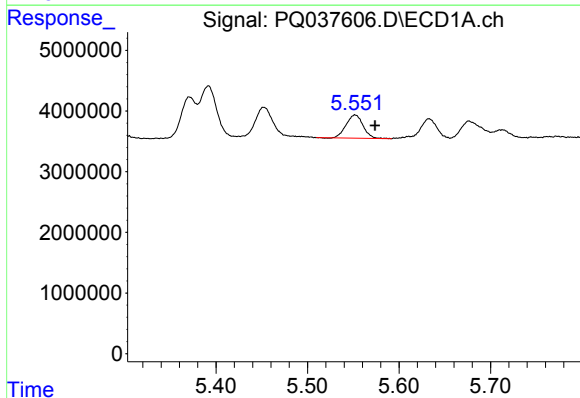
R.T.: 5.392 min
Delta R.T.: -0.022 min
Response: 10912122
Conc: 92.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



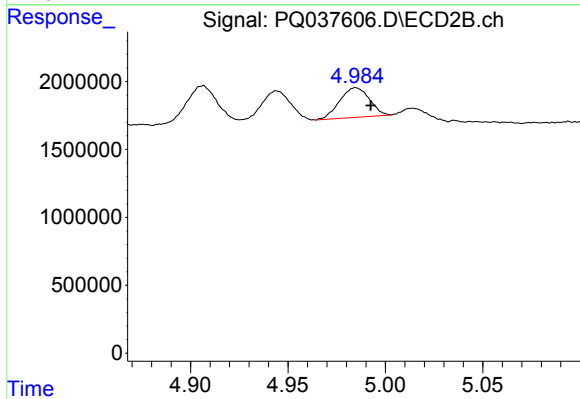
#13 AR-1232-3

R.T.: 4.906 min
Delta R.T.: -0.007 min
Response: 2865942
Conc: 89.06 ng/ml



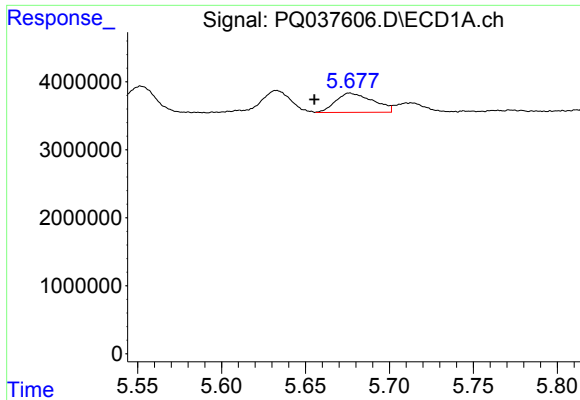
#14 AR-1232-4

R.T.: 5.552 min
Delta R.T.: -0.022 min
Response: 4906529
Conc: 87.28 ng/ml



#14 AR-1232-4

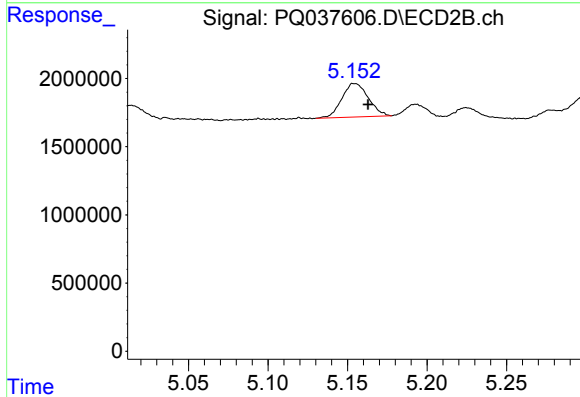
R.T.: 4.985 min
Delta R.T.: -0.008 min
Response: 2321065
Conc: 82.24 ng/ml



#15 AR-1232-5

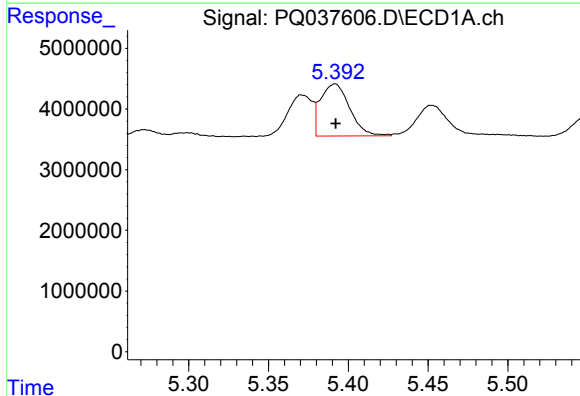
R.T.: 5.676 min
Delta R.T.: 0.021 min
Response: 4388029
Conc: 104.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



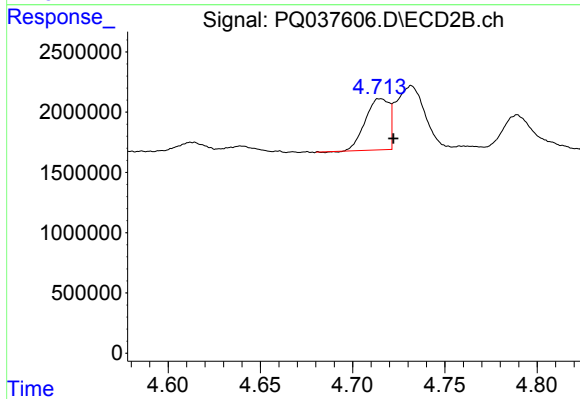
#15 AR-1232-5

R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 2837877
Conc: 93.45 ng/ml



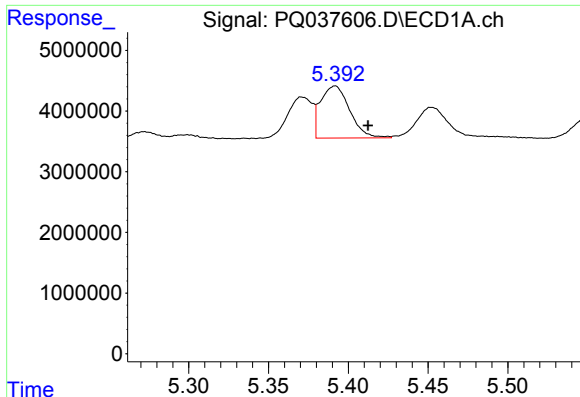
#16 AR-1242-1

R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 10912122
Conc: 74.24 ng/ml



#16 AR-1242-1

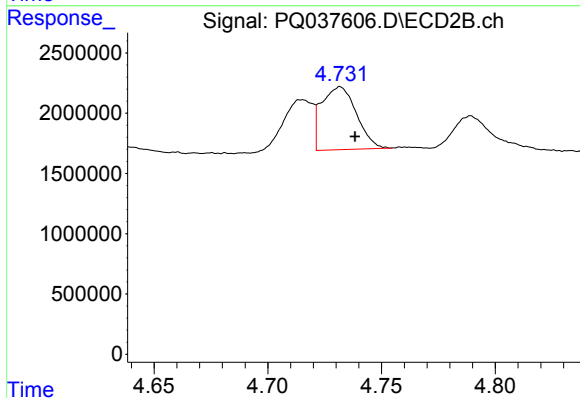
R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 3804112
Conc: 46.57 ng/ml



#17 AR-1242-2

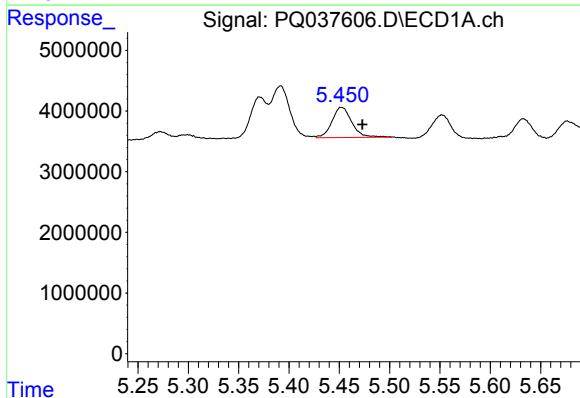
R.T.: 5.392 min
Delta R.T.: -0.021 min
Response: 10912122
Conc: 48.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



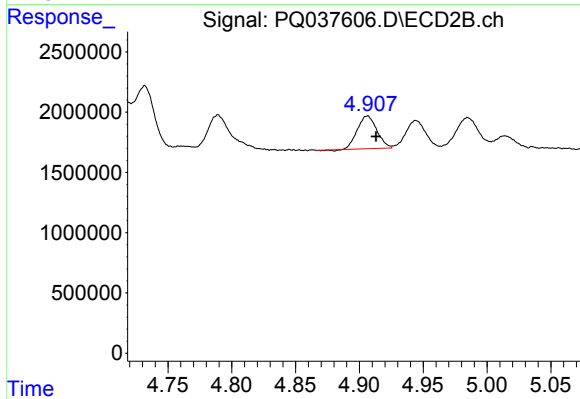
#17 AR-1242-2

R.T.: 4.732 min
Delta R.T.: -0.007 min
Response: 5571493
Conc: 45.33 ng/ml



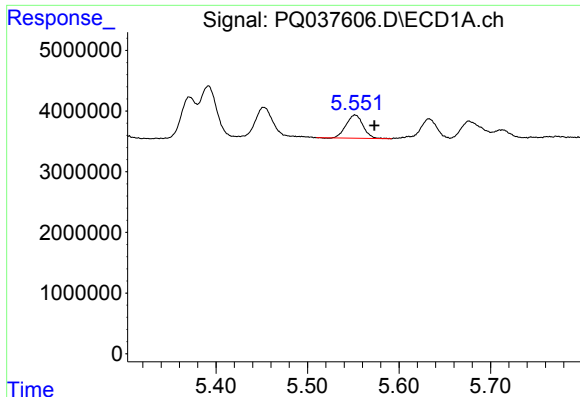
#18 AR-1242-3

R.T.: 5.452 min
Delta R.T.: -0.021 min
Response: 6831339
Conc: 51.56 ng/ml



#18 AR-1242-3

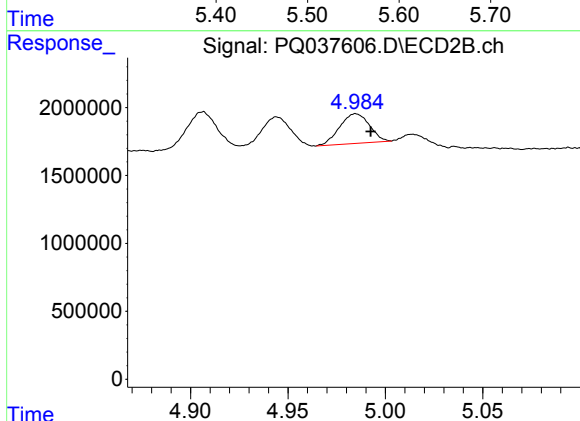
R.T.: 4.906 min
Delta R.T.: -0.007 min
Response: 2865942
Conc: 46.26 ng/ml



#19 AR-1242-4

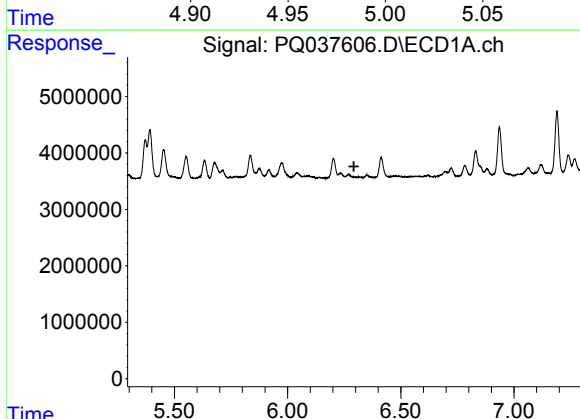
R.T.: 5.552 min
Delta R.T.: -0.021 min
Response: 4906529
Conc: 44.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



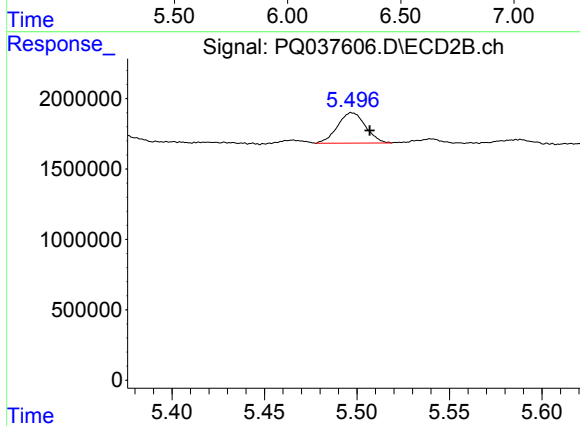
#19 AR-1242-4

R.T.: 4.985 min
Delta R.T.: -0.008 min
Response: 2321065
Conc: 39.10 ng/ml



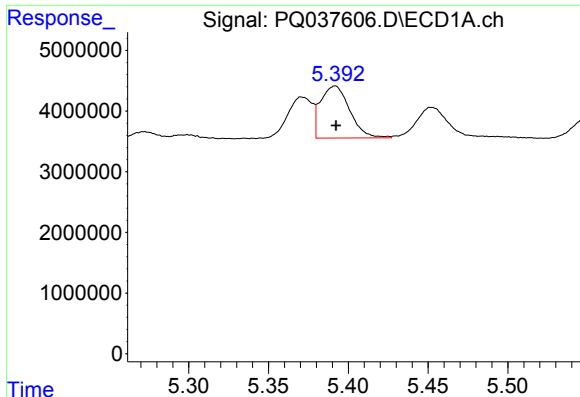
#20 AR-1242-5

R.T.: 0.000 min
Exp R.T. : 6.293 min
Response: 0
Conc: N.D.



#20 AR-1242-5

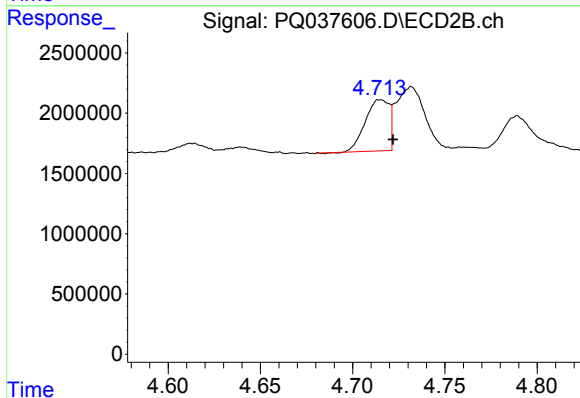
R.T.: 5.497 min
Delta R.T.: -0.010 min
Response: 2278227
Conc: 31.66 ng/ml



#21 AR-1248-1

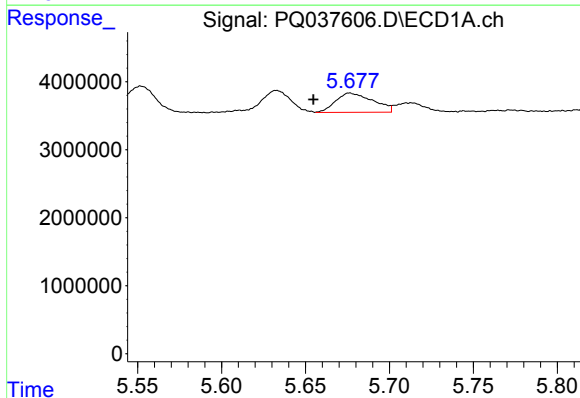
R.T.: 5.392 min
Delta R.T.: 0.000 min
Response: 10912122
Conc: 108.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



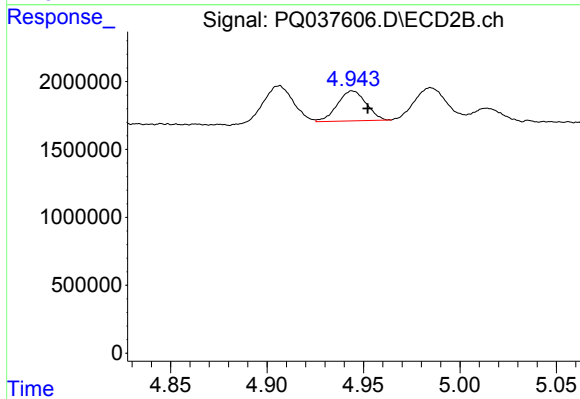
#21 AR-1248-1

R.T.: 4.715 min
Delta R.T.: -0.007 min
Response: 3804112
Conc: 66.04 ng/ml



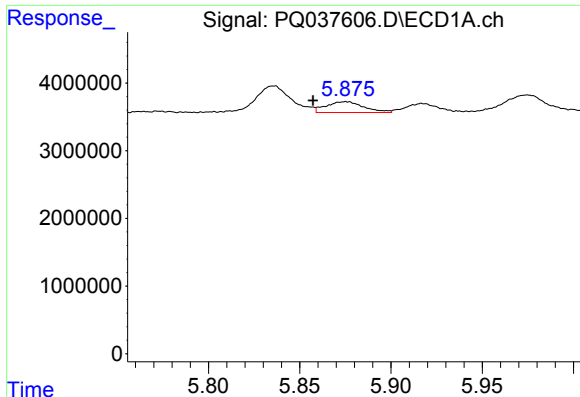
#22 AR-1248-2

R.T.: 5.676 min
Delta R.T.: 0.022 min
Response: 4388029
Conc: 31.71 ng/ml



#22 AR-1248-2

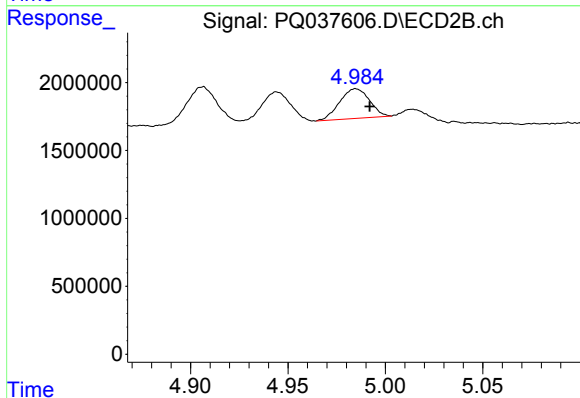
R.T.: 4.944 min
Delta R.T.: -0.008 min
Response: 2302430
Conc: 31.02 ng/ml



#23 AR-1248-3

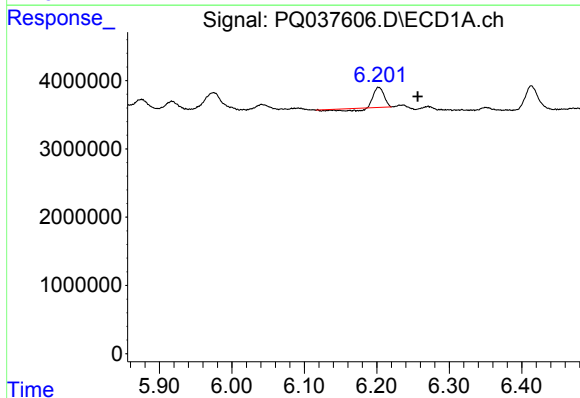
R.T.: 5.875 min
Delta R.T.: 0.018 min
Response: 2310680
Conc: 14.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



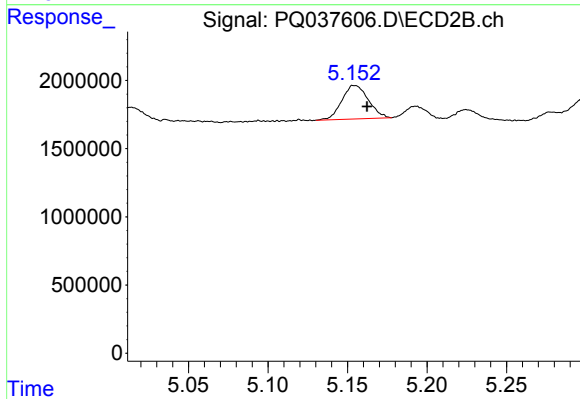
#23 AR-1248-3

R.T.: 4.985 min
Delta R.T.: -0.007 min
Response: 2321065
Conc: 31.07 ng/ml



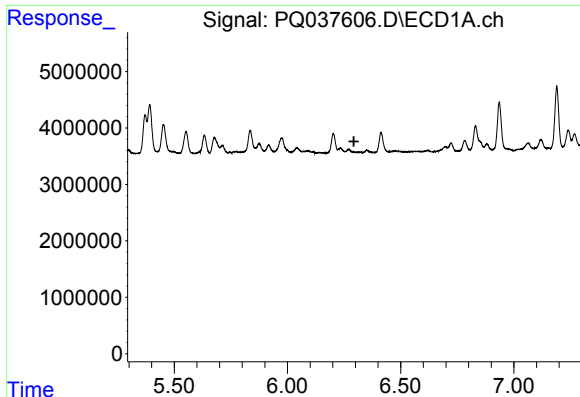
#24 AR-1248-4

R.T.: 6.203 min
Delta R.T.: -0.054 min
Response: 2182561
Conc: 12.19 ng/ml



#24 AR-1248-4

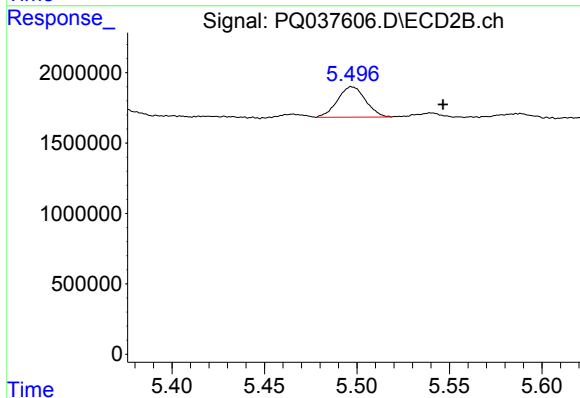
R.T.: 5.155 min
Delta R.T.: -0.008 min
Response: 2837877
Conc: 31.38 ng/ml



#25 AR-1248-5

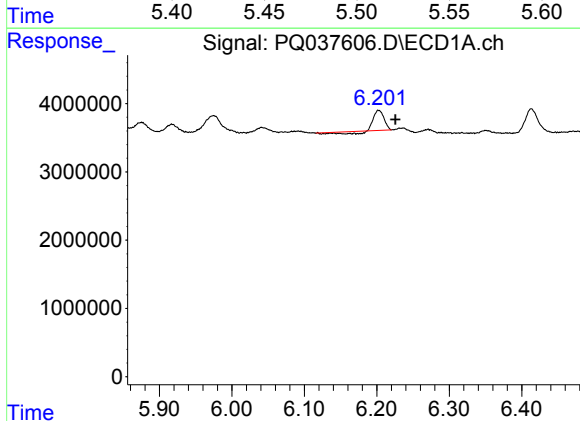
R.T.: 0.000 min
Exp R.T.: 6.293 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



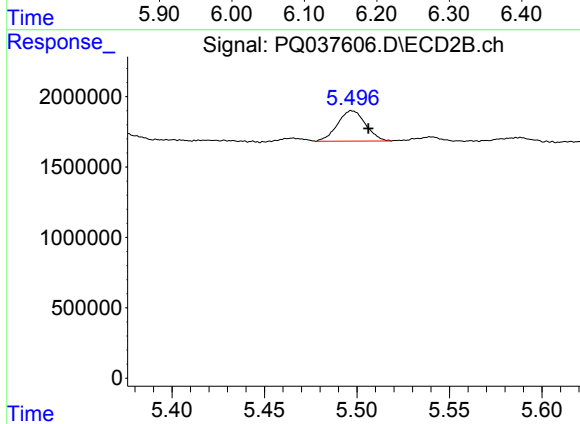
#25 AR-1248-5

R.T.: 5.497 min
Delta R.T.: -0.049 min
Response: 2278227
Conc: 25.34 ng/ml



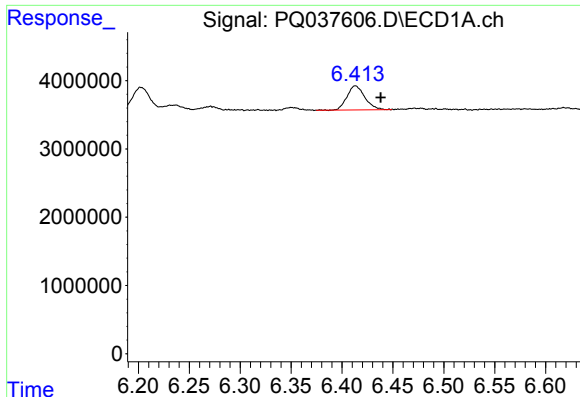
#26 AR-1254-1

R.T.: 6.203 min
Delta R.T.: -0.023 min
Response: 2182561
Conc: 10.60 ng/ml



#26 AR-1254-1

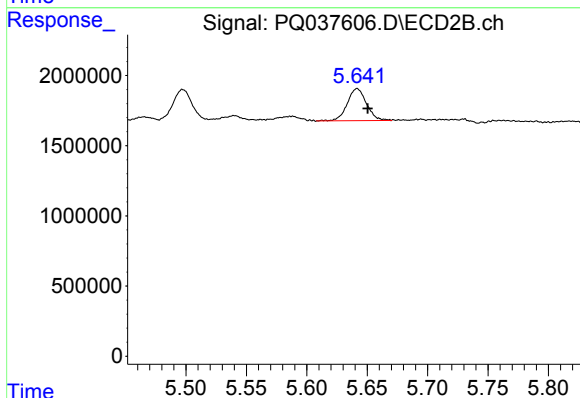
R.T.: 5.497 min
Delta R.T.: -0.009 min
Response: 2278227
Conc: 14.52 ng/ml



#27 AR-1254-2

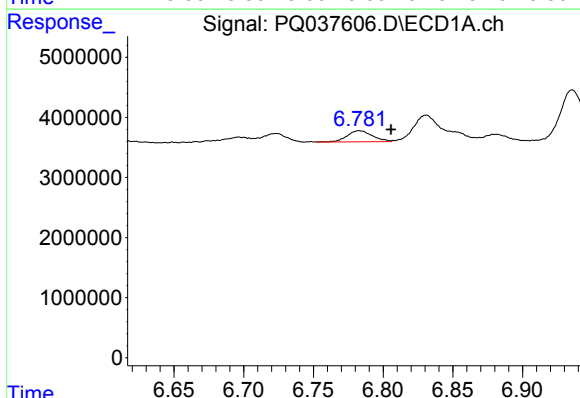
R.T.: 6.413 min
Delta R.T.: -0.025 min
Response: 4320781
Conc: 13.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



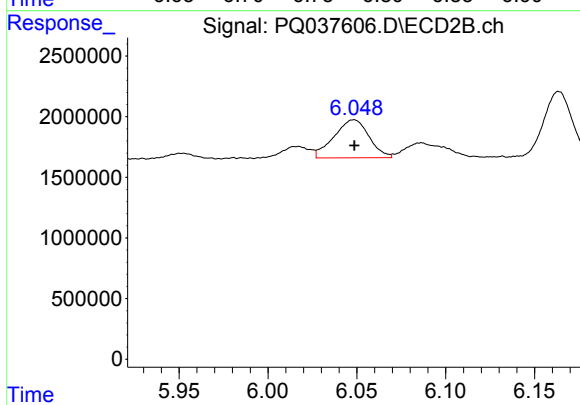
#27 AR-1254-2

R.T.: 5.642 min
Delta R.T.: -0.009 min
Response: 2528793
Conc: 19.00 ng/ml



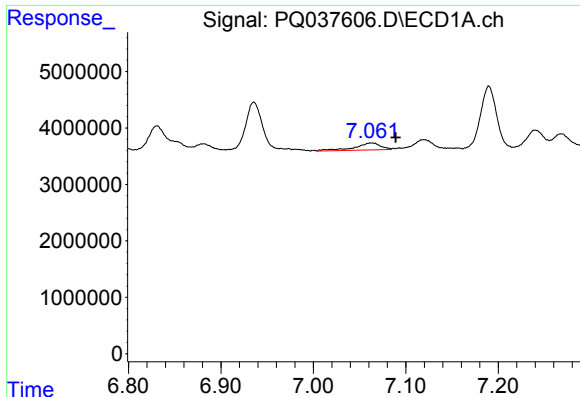
#28 AR-1254-3

R.T.: 6.783 min
Delta R.T.: -0.023 min
Response: 2321868
Conc: 7.06 ng/ml



#28 AR-1254-3

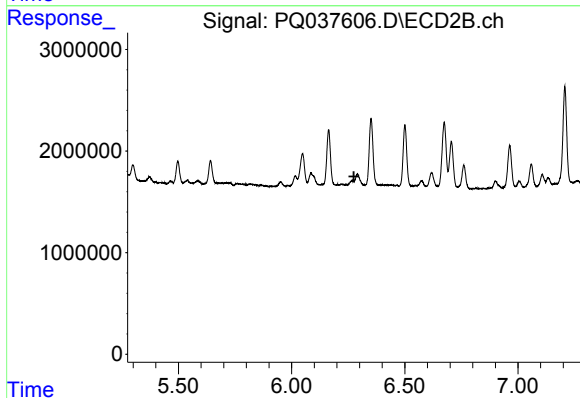
R.T.: 6.048 min
Delta R.T.: 0.000 min
Response: 4296604
Conc: 20.44 ng/ml



#29 AR-1254-4

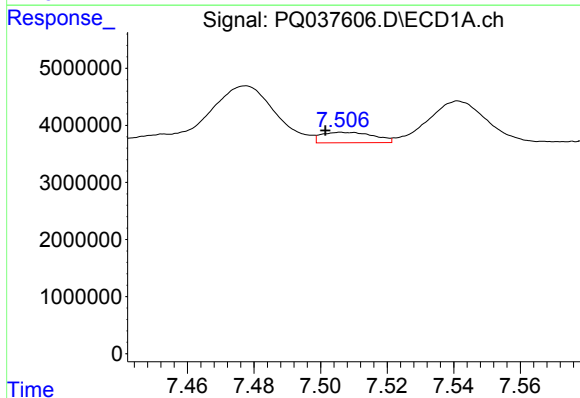
R.T.: 7.063 min
Delta R.T.: -0.026 min
Response: 2447485
Conc: 9.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



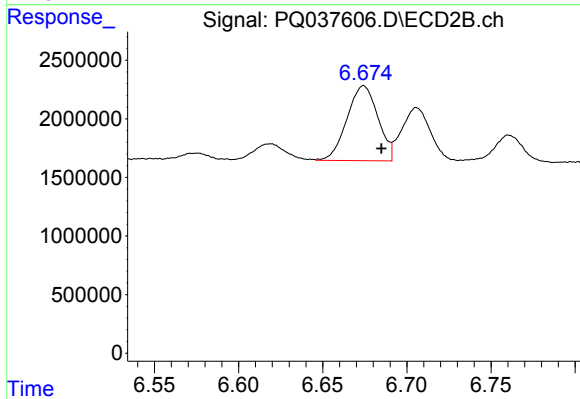
#29 AR-1254-4

R.T.: 0.000 min
Exp R.T. : 6.275 min
Response: 0
Conc: N.D.



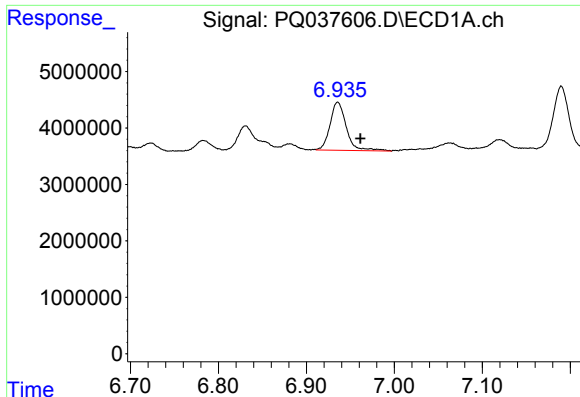
#30 AR-1254-5

R.T.: 7.506 min
Delta R.T.: 0.005 min
Response: 2010496
Conc: 8.04 ng/ml



#30 AR-1254-5

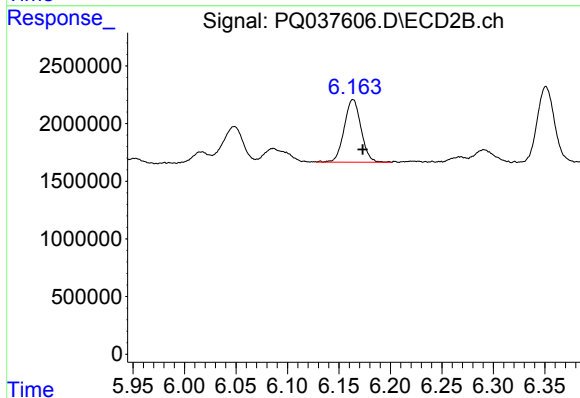
R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 8192142
Conc: 47.76 ng/ml



#31 AR-1260-1

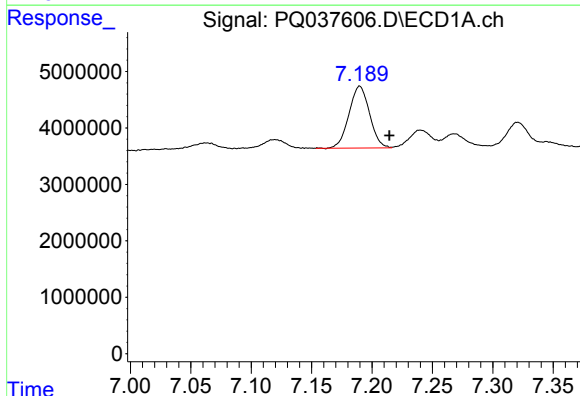
R.T.: 6.936 min
Delta R.T.: -0.026 min
Response: 10991723
Conc: 39.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



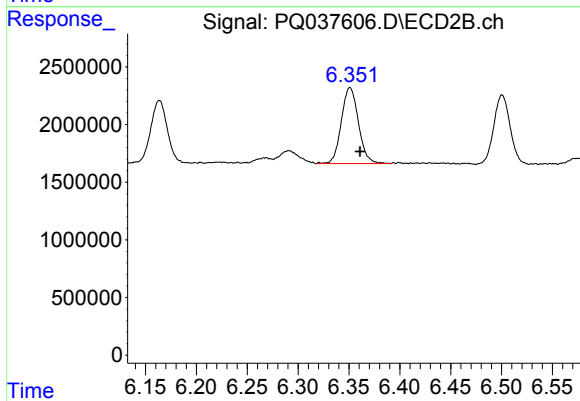
#31 AR-1260-1

R.T.: 6.164 min
Delta R.T.: -0.009 min
Response: 6171564
Conc: 39.20 ng/ml



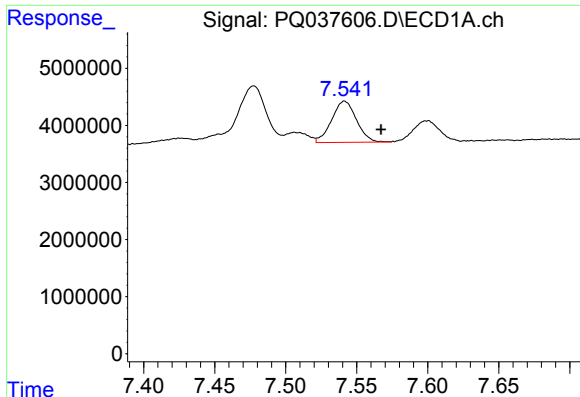
#32 AR-1260-2

R.T.: 7.190 min
Delta R.T.: -0.025 min
Response: 12994542
Conc: 36.41 ng/ml



#32 AR-1260-2

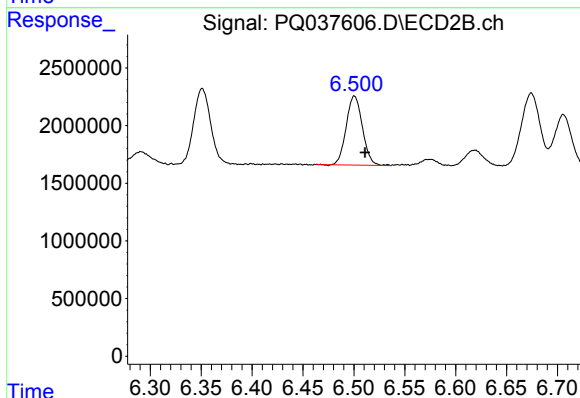
R.T.: 6.351 min
Delta R.T.: -0.010 min
Response: 7729518
Conc: 40.50 ng/ml



#33 AR-1260-3

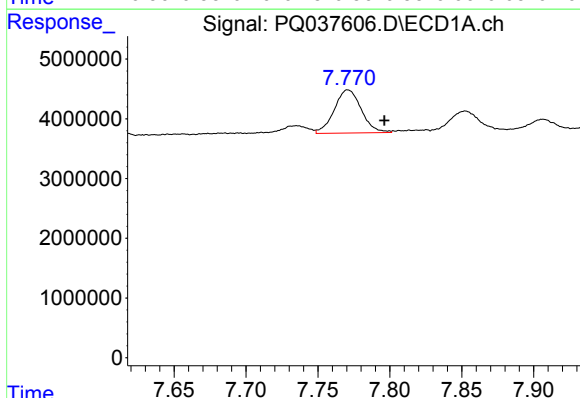
R.T.: 7.541 min
Delta R.T.: -0.026 min
Response: 8800264
Conc: 37.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



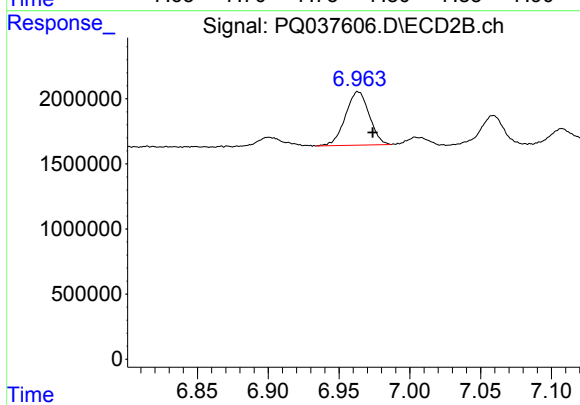
#33 AR-1260-3

R.T.: 6.501 min
Delta R.T.: -0.010 min
Response: 6627613
Conc: 38.17 ng/ml



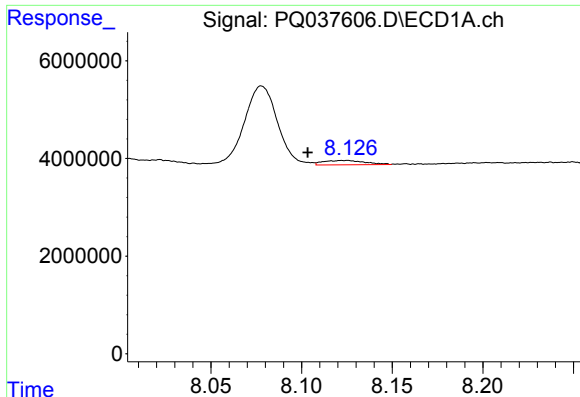
#34 AR-1260-4

R.T.: 7.771 min
Delta R.T.: -0.025 min
Response: 9488334
Conc: 38.50 ng/ml



#34 AR-1260-4

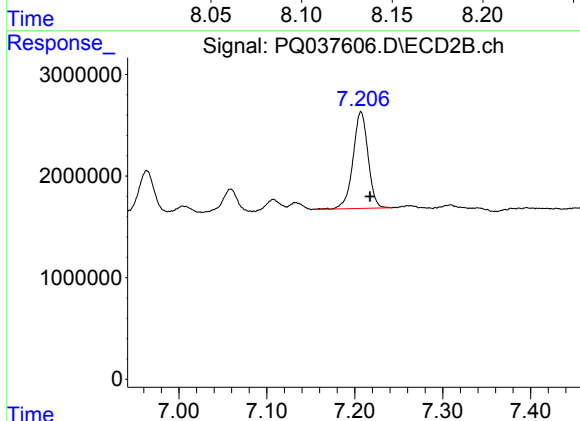
R.T.: 6.964 min
Delta R.T.: -0.010 min
Response: 4807294
Conc: 42.02 ng/ml



#35 AR-1260-5

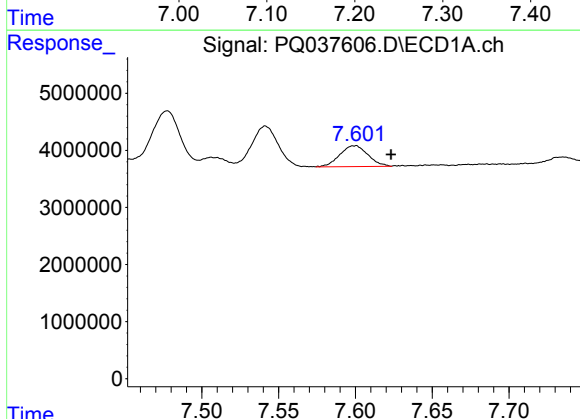
R.T.: 8.125 min
Delta R.T.: 0.021 min
Response: 1433536
Conc: 2.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



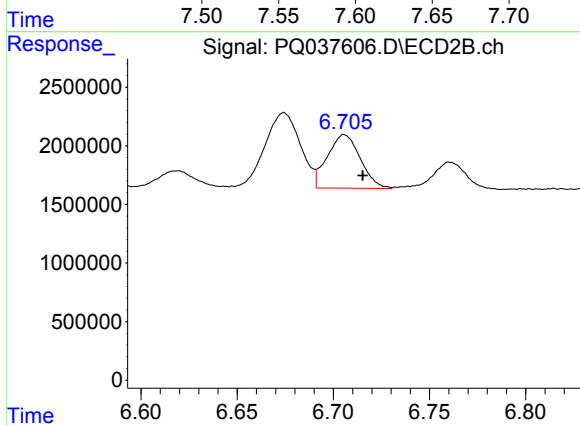
#35 AR-1260-5

R.T.: 7.207 min
Delta R.T.: -0.010 min
Response: 11281610
Conc: 40.26 ng/ml



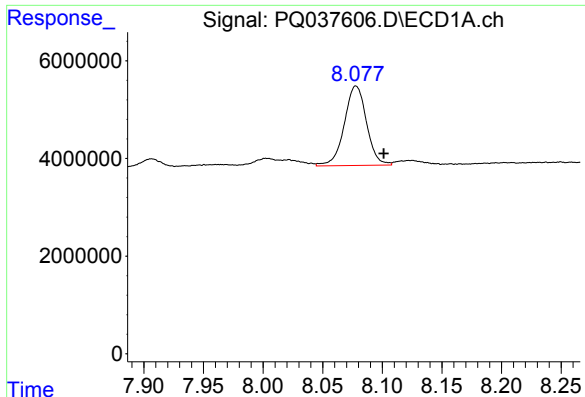
#36 AR-1262-1

R.T.: 7.600 min
Delta R.T.: -0.024 min
Response: 4686745
Conc: 26.51 ng/ml



#36 AR-1262-1

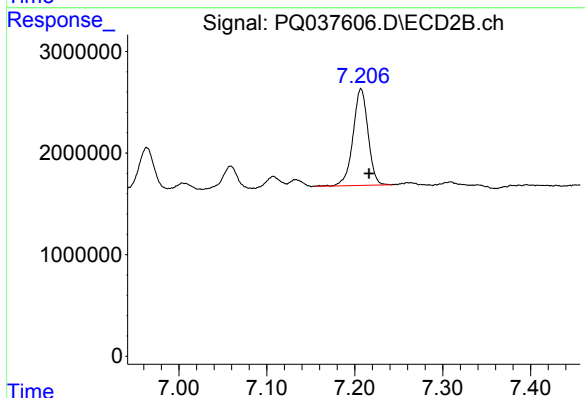
R.T.: 6.706 min
Delta R.T.: -0.009 min
Response: 5450893
Conc: 23.50 ng/ml



#37 AR-1262-2

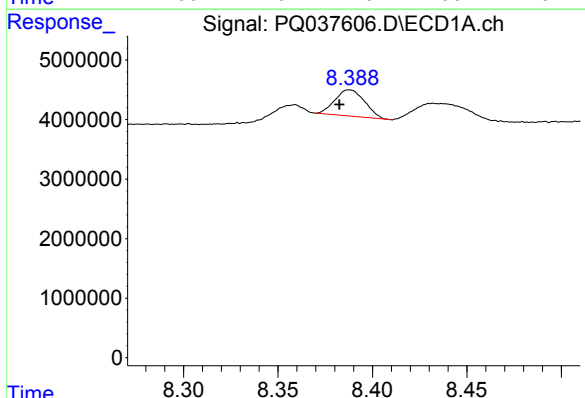
R.T.: 8.078 min
Delta R.T.: -0.023 min
Response: 21225428
Conc: 25.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



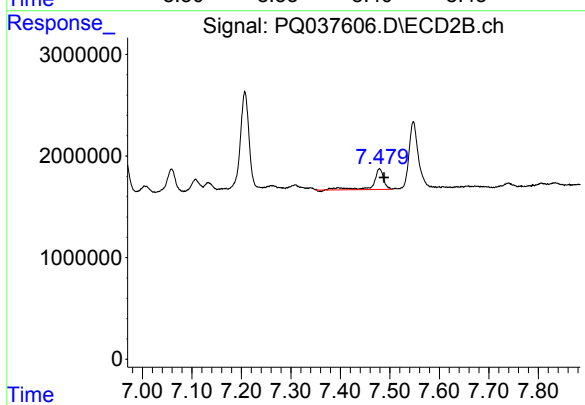
#37 AR-1262-2

R.T.: 7.207 min
Delta R.T.: -0.009 min
Response: 11281610
Conc: 27.28 ng/ml



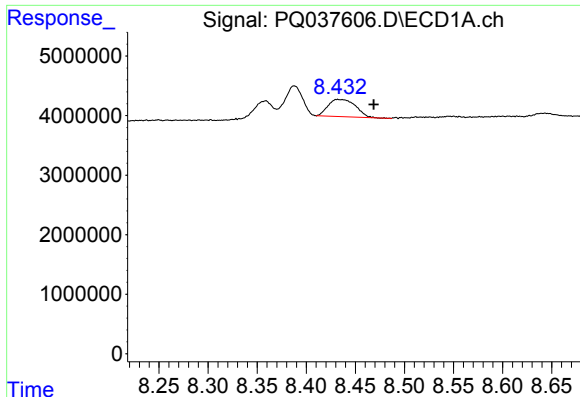
#38 AR-1262-3

R.T.: 8.388 min
Delta R.T.: 0.005 min
Response: 4836842
Conc: 13.77 ng/ml



#38 AR-1262-3

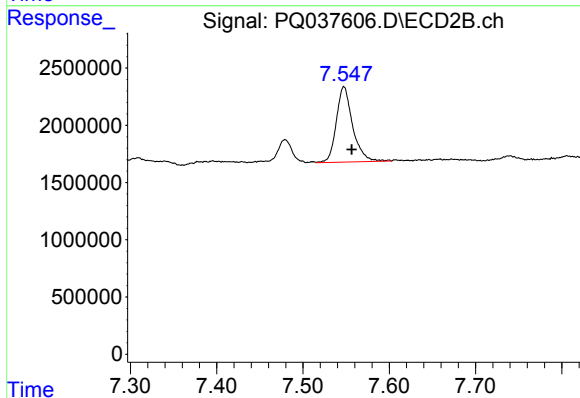
R.T.: 7.479 min
Delta R.T.: -0.009 min
Response: 2906448
Conc: 17.86 ng/ml



#39 AR-1262-4

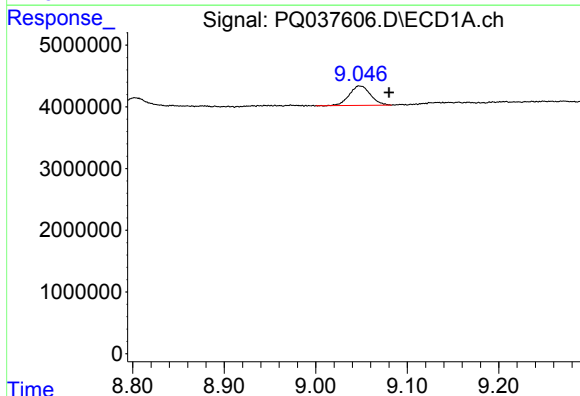
R.T.: 8.432 min
Delta R.T.: -0.037 min
Response: 5657426
Conc: 13.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



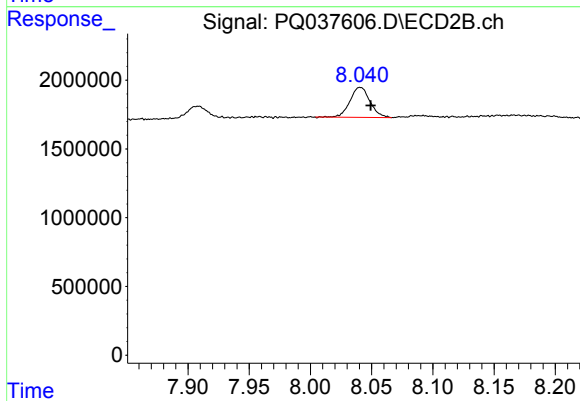
#39 AR-1262-4

R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 8662225
Conc: 29.68 ng/ml



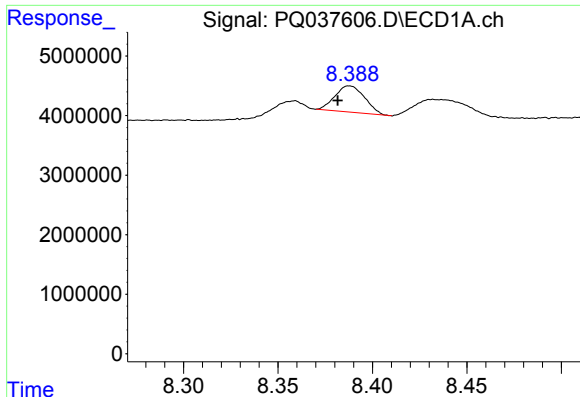
#40 AR-1262-5

R.T.: 9.048 min
Delta R.T.: -0.032 min
Response: 5065849
Conc: 18.93 ng/ml



#40 AR-1262-5

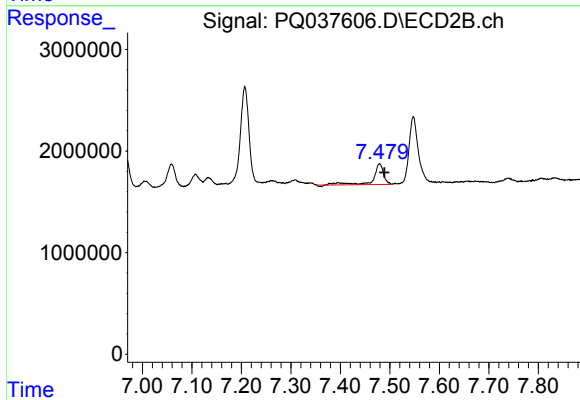
R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 2495690
Conc: 20.61 ng/ml



#41 AR-1268-1

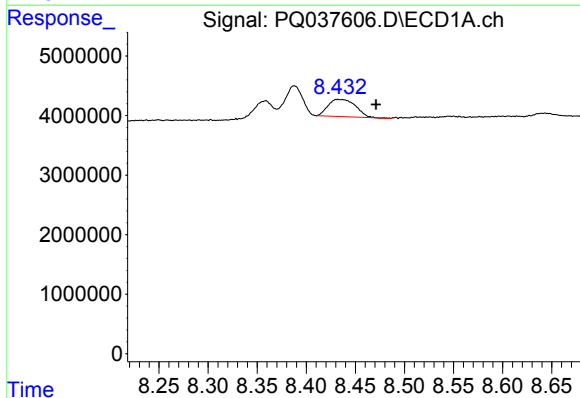
R.T.: 8.388 min
Delta R.T.: 0.006 min
Response: 4836842
Conc: 5.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



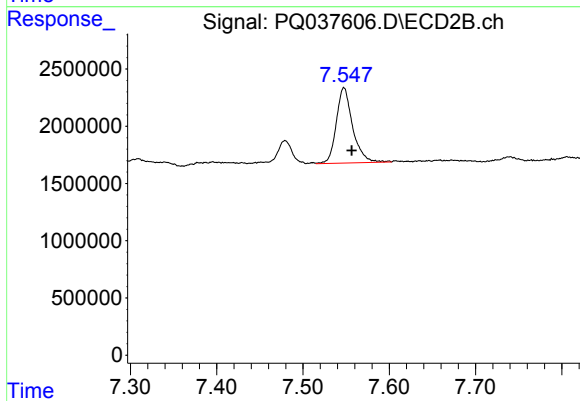
#41 AR-1268-1

R.T.: 7.479 min
Delta R.T.: -0.010 min
Response: 2906448
Conc: 6.77 ng/ml



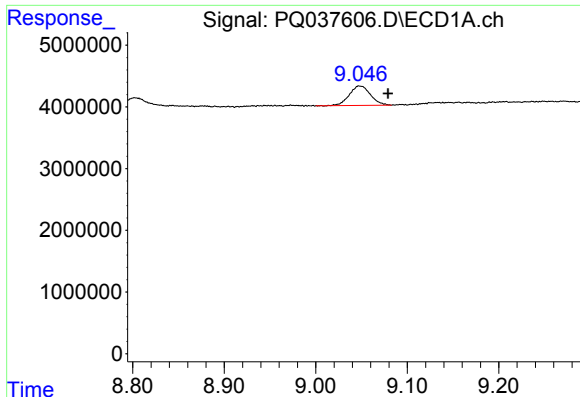
#42 AR-1268-2

R.T.: 8.432 min
Delta R.T.: -0.039 min
Response: 5657426
Conc: 6.70 ng/ml



#42 AR-1268-2

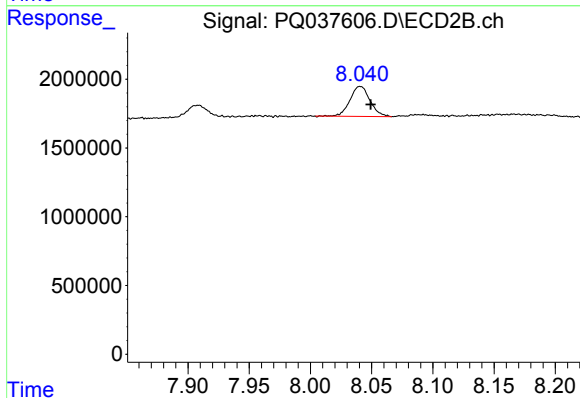
R.T.: 7.548 min
Delta R.T.: -0.009 min
Response: 8662225
Conc: 22.27 ng/ml



#44 AR-1268-4

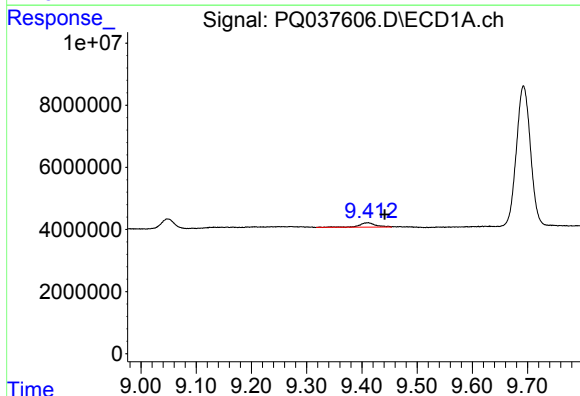
R.T.: 9.048 min
Delta R.T.: -0.031 min
Response: 5065849
Conc: 19.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB117397BSD



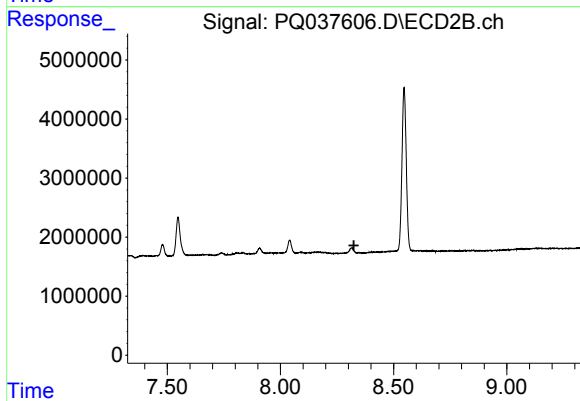
#44 AR-1268-4

R.T.: 8.041 min
Delta R.T.: -0.009 min
Response: 2495690
Conc: 20.52 ng/ml



#45 AR-1268-5

R.T.: 9.411 min
Delta R.T.: -0.030 min
Response: 2786997
Conc: 1.36 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 8.325 min
Response: 0
Conc: N.D.