

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102518\
 Data File : PQ033593.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2018 10:33
 Operator : SM\SJ
 Sample : J5616-19
 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: Oct 25 10:48:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 20 01:08:39 2018
 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...	4.563	3.843	25690590	18646083	9.953	10.537
2)	SA Decachlor...	10.386	8.888	12410323	14889751	6.049	8.997 #
Target Compounds							
3)	L1 AR-1016-1	5.770	0.000	2226520	0	22.296	N.D. #
4)	L1 AR-1016-2	5.770	0.000	2226520	0	15.089	N.D. #
5)	L1 AR-1016-3	5.770	5.134	2226520	2091231	25.253	37.702 #
6)	L1 AR-1016-4	5.919	5.170	1813592	14646443	24.613	339.948 #
7)	L1 AR-1016-5	6.217	5.385	15225442	11373778	204.734	190.338
9)	L2 AR-1221-2	0.000	4.217	0	1703022	N.D.	127.717 #
10)	L2 AR-1221-3	4.952	4.217	3059287	1703022	53.125	39.744 #
11)	L3 AR-1232-1	4.952	4.217	3059287	1703022	68.160	52.388
12)	L3 AR-1232-2	5.428	0.000	16427177	0	682.833	N.D. #
13)	L3 AR-1232-3	5.770	5.134	2226520	2091231	47.079	113.928 #
14)	L3 AR-1232-4	5.919	5.210	1813592	10590465	75.887	650.562 #
15)	L3 AR-1232-5	6.010	5.385	19842762	11373778	1035.920	604.748 #
16)	L4 AR-1242-1	5.770	0.000	2226520	0	40.290	N.D. #
17)	L4 AR-1242-2	5.770	0.000	2226520	0	28.130	N.D. #
18)	L4 AR-1242-3	5.770	5.134	2226520	2091231	45.780	64.933 #
19)	L4 AR-1242-4	5.919	5.210	1813592	10590465	46.057	330.150 #
20)	L4 AR-1242-5	6.662	5.737	11039723	30241533	231.533	678.640 #
21)	L5 AR-1248-1	5.770	0.000	2226520	0	53.701	N.D. #
22)	L5 AR-1248-2	6.010	5.170	19842762	14646443	329.779	330.917
23)	L5 AR-1248-3	6.217	5.210	15225442	10590465	218.212	233.779
24)	L5 AR-1248-4	6.623	5.385	18709754	11373778	233.621	199.265
25)	L5 AR-1248-5	6.662	5.778	11039723	4741545	144.635	79.790 #
26)	L6 AR-1254-1	6.594	5.737	33062539	30241533	279.947	236.137
27)	L6 AR-1254-2	6.811	5.882	63135360	20895049	338.732	187.486 #
28)	L6 AR-1254-3	7.183	6.289	50102174	44366788	242.805	228.354
29)	L6 AR-1254-4	7.465	6.515	19786876	13013878	129.620	105.943
30)	L6 AR-1254-5	7.906	6.931	230.9E6	191.7E6	1369.767	1128.501
31)	L7 AR-1260-1	7.343	6.417	17602980	15394008	119.845	126.633
32)	L7 AR-1260-2	7.594	6.605	172.2E6	16097791	1004.261	108.697 #
33)	L7 AR-1260-3	7.954	6.758	6724078	11043310	55.596	79.768 #
34)	L7 AR-1260-4	8.184	7.229	9742493	4131181	68.810	38.017 #
35)	L7 AR-1260-5	8.519	7.469	6120799	8445798	22.060	32.443 #
36)	L8 AR-1262-1	7.954	7.010	6724078	2571213	39.990	17.130 #
37)	L8 AR-1262-2	8.519	7.469	6120799	8445798	19.529	29.947 #
38)	L8 AR-1262-3	8.864	7.797	1901867	11680475	9.116	108.842 #
39)	L8 AR-1262-4	0.000	7.856	0	1123804	N.D.	5.511 #
40)	L8 AR-1262-5	0.000	8.330	0	3262208	N.D.	35.848 #
41)	L9 AR-1268-1	8.864	7.797	1901867	11680475	6.305	42.775 #
42)	L9 AR-1268-2	0.000	7.856	0	1123804	N.D.	4.568 #

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 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101918.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 20 01:08:39 2018
 Response via : Initial Calibration
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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
44) L9	AR-1268-4	0.000	8.330	0	3262208	N.D.	36.876 #
45) L9	AR-1268-5	0.000	8.617	0	1741706	N.D.	2.599 #

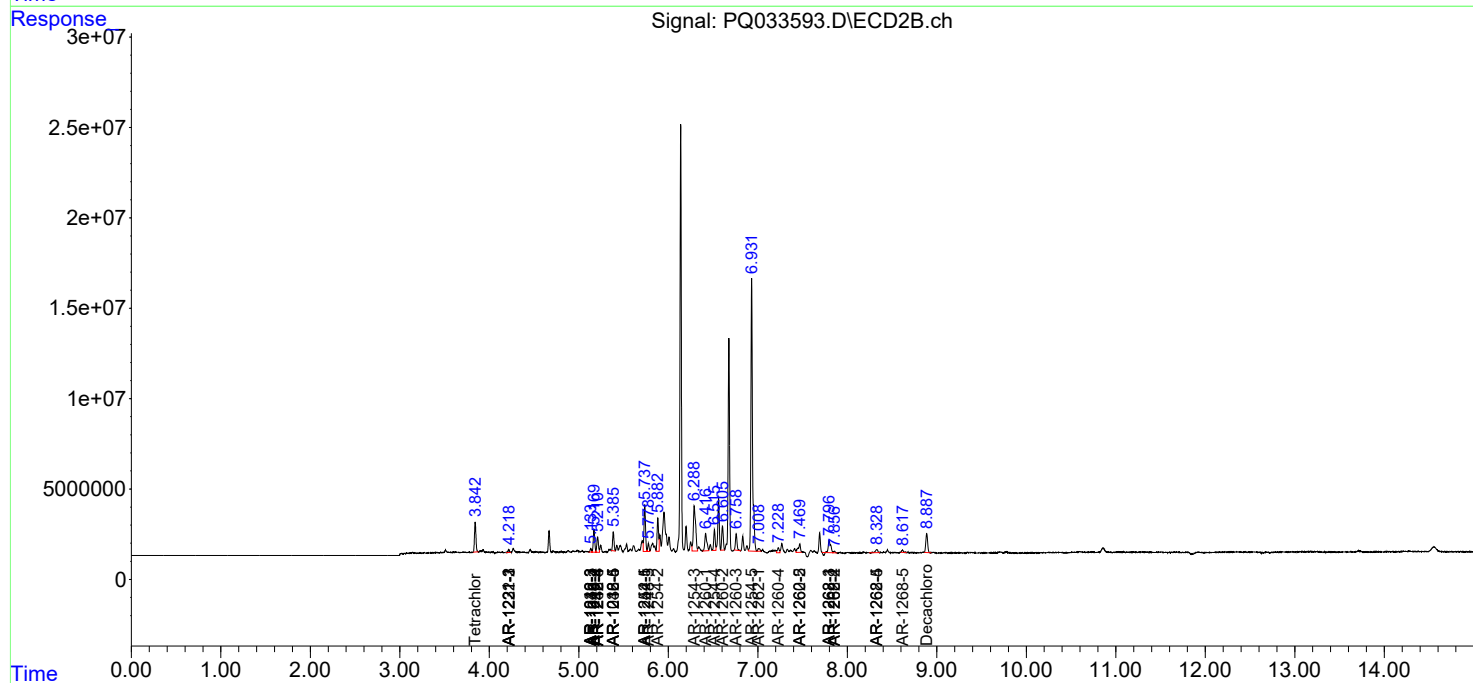
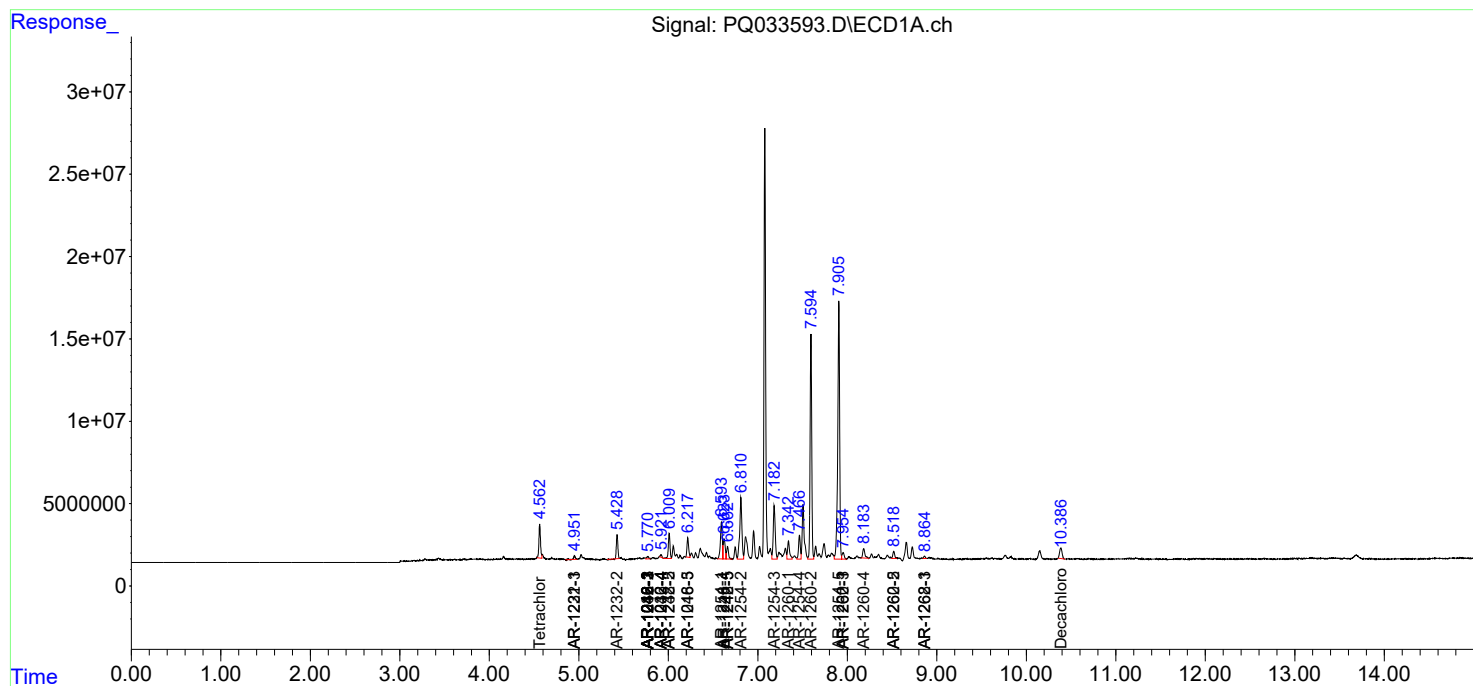
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

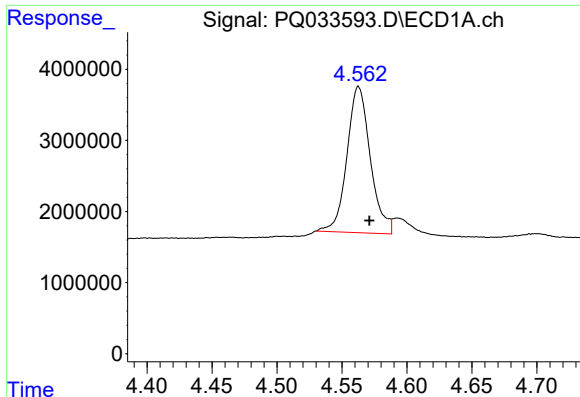
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102518\
Data File : PQ033593.D
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Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

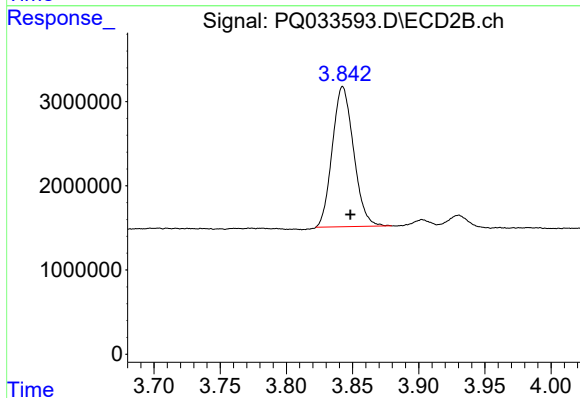




#1 Tetrachloro-m-xylene

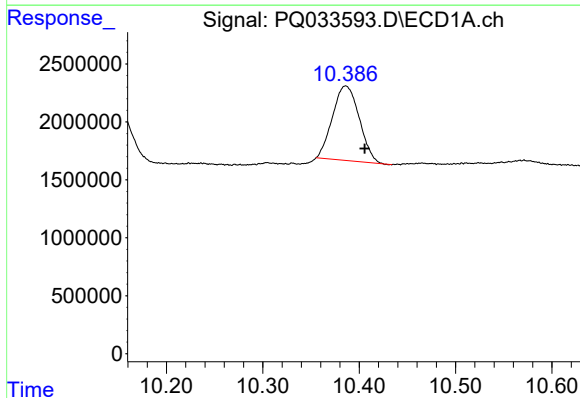
R.T.: 4.563 min
Delta R.T.: -0.008 min
Response: 25690590
Conc: 9.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



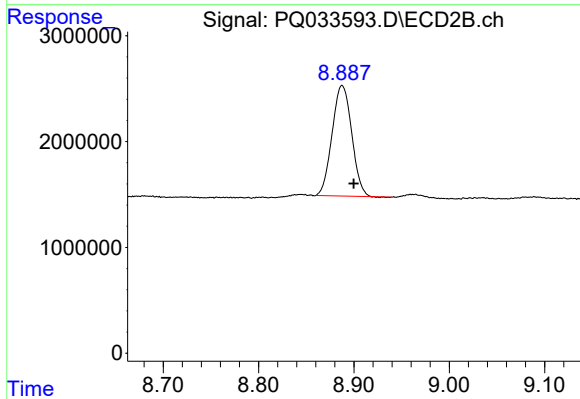
#1 Tetrachloro-m-xylene

R.T.: 3.843 min
Delta R.T.: -0.006 min
Response: 18646083
Conc: 10.54 ng/ml



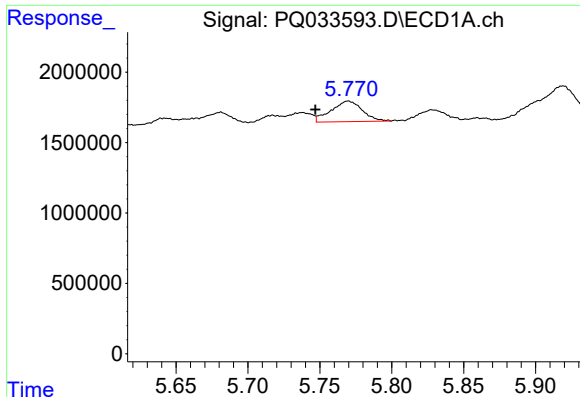
#2 Decachlorobiphenyl

R.T.: 10.386 min
Delta R.T.: -0.020 min
Response: 12410323
Conc: 6.05 ng/ml



#2 Decachlorobiphenyl

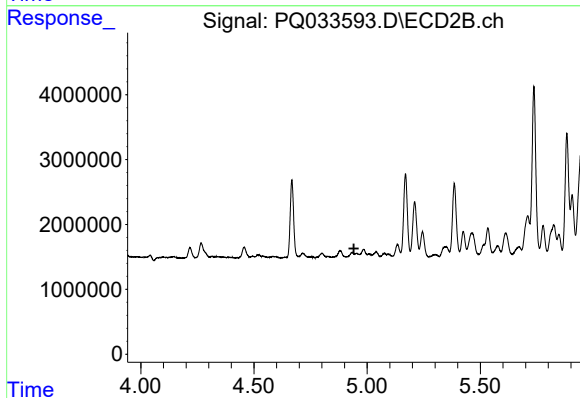
R.T.: 8.888 min
Delta R.T.: -0.012 min
Response: 14889751
Conc: 9.00 ng/ml



#3 AR-1016-1

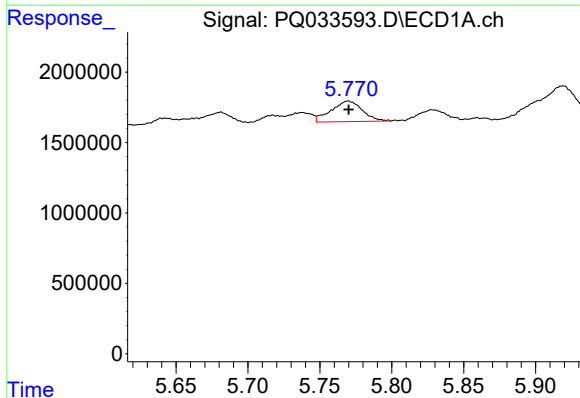
R.T.: 5.770 min
Delta R.T.: 0.023 min
Response: 2226520
Conc: 22.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



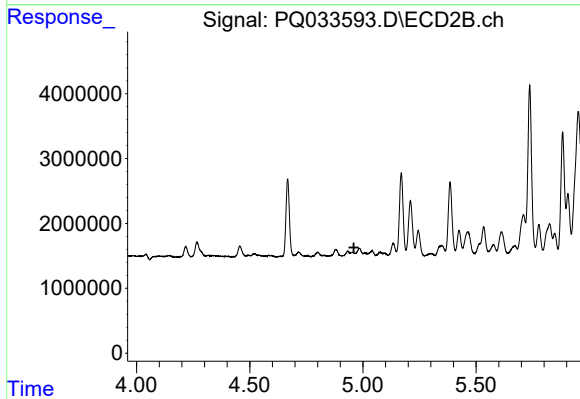
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.941 min
Response: 0
Conc: N.D.



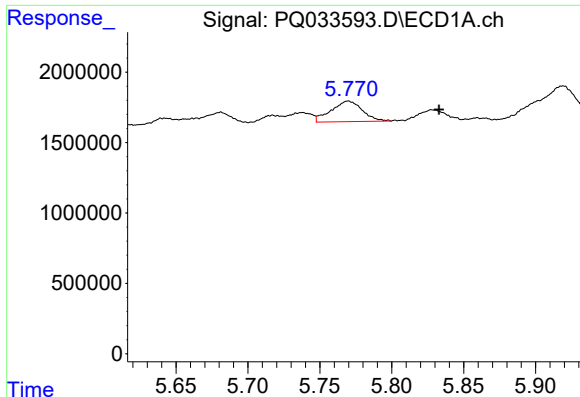
#4 AR-1016-2

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 2226520
Conc: 15.09 ng/ml



#4 AR-1016-2

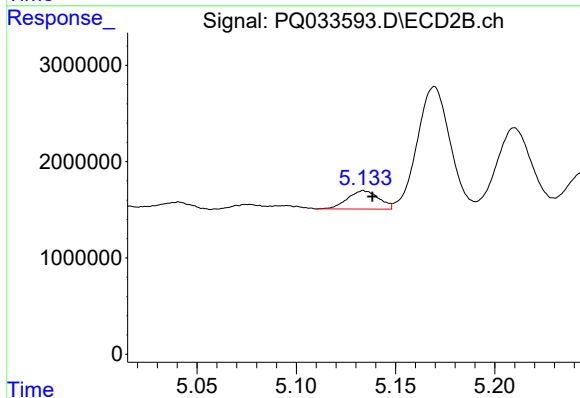
R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



#5 AR-1016-3

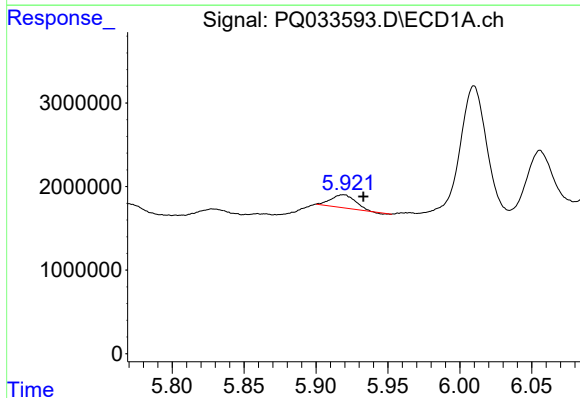
R.T.: 5.770 min
Delta R.T.: -0.063 min
Response: 2226520
Conc: 25.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



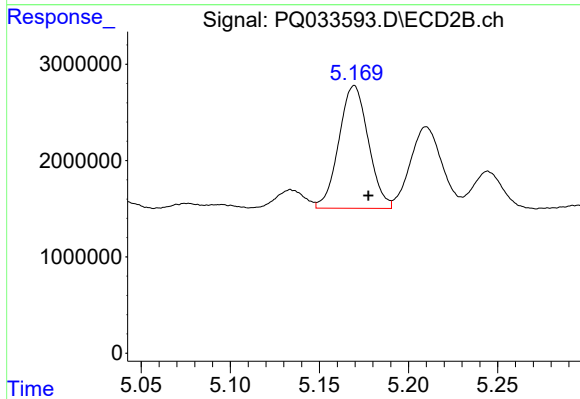
#5 AR-1016-3

R.T.: 5.134 min
Delta R.T.: -0.004 min
Response: 2091231
Conc: 37.70 ng/ml



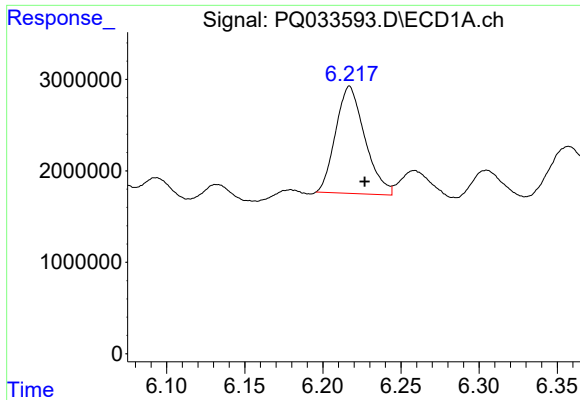
#6 AR-1016-4

R.T.: 5.919 min
Delta R.T.: -0.014 min
Response: 1813592
Conc: 24.61 ng/ml



#6 AR-1016-4

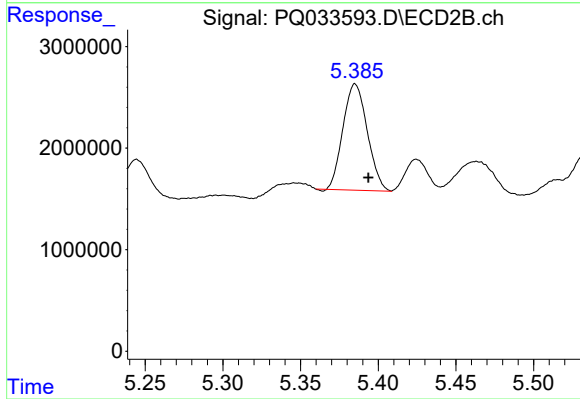
R.T.: 5.170 min
Delta R.T.: -0.008 min
Response: 14646443
Conc: 339.95 ng/ml



#7 AR-1016-5

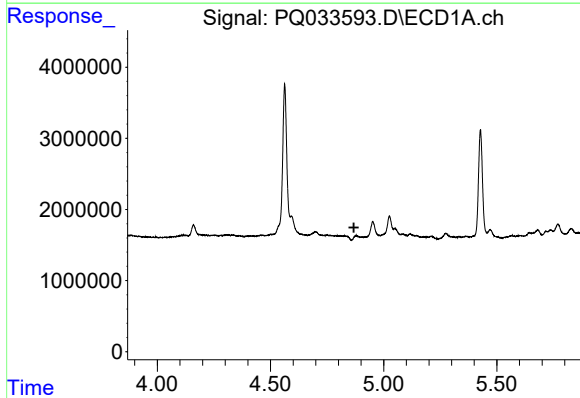
R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 15225442
Conc: 204.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



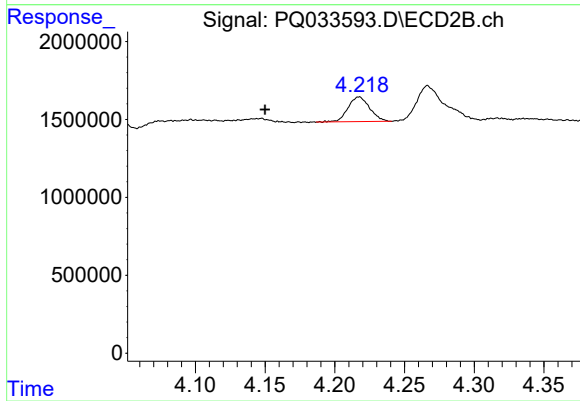
#7 AR-1016-5

R.T.: 5.385 min
Delta R.T.: -0.008 min
Response: 11373778
Conc: 190.34 ng/ml



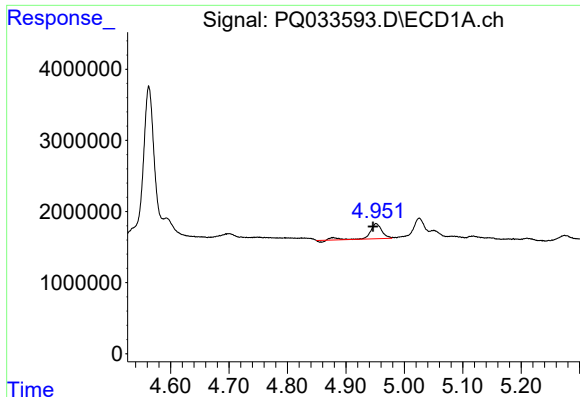
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.868 min
Response: 0
Conc: N.D.



#9 AR-1221-2

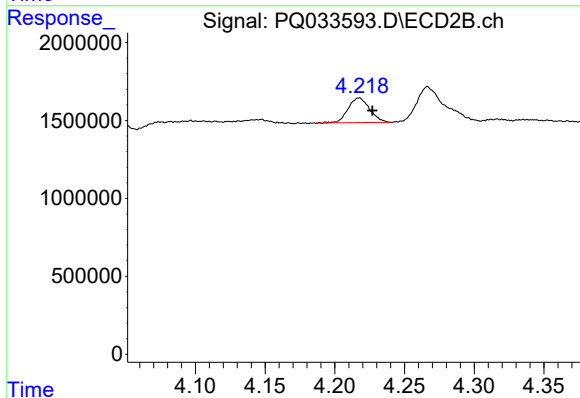
R.T.: 4.217 min
Delta R.T.: 0.067 min
Response: 1703022
Conc: 127.72 ng/ml



#10 AR-1221-3

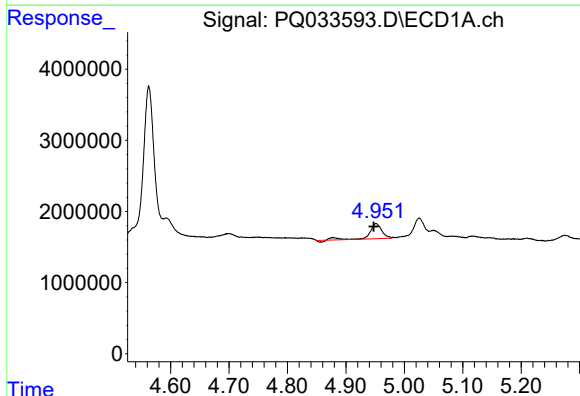
R.T.: 4.952 min
Delta R.T.: 0.005 min
Response: 3059287
Conc: 53.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



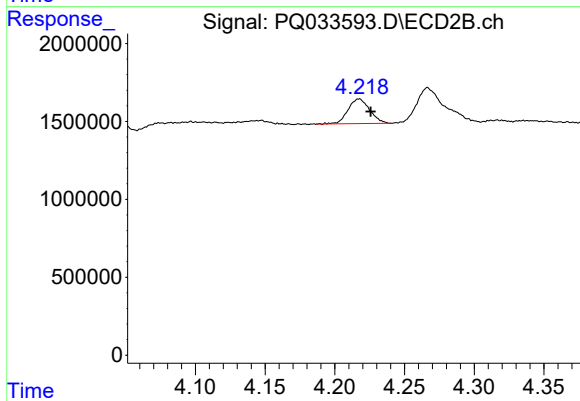
#10 AR-1221-3

R.T.: 4.217 min
Delta R.T.: -0.010 min
Response: 1703022
Conc: 39.74 ng/ml



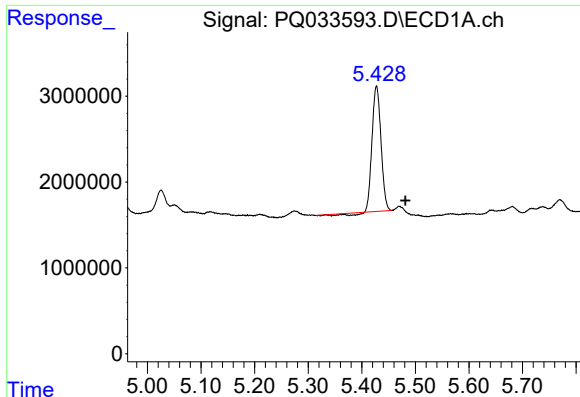
#11 AR-1232-1

R.T.: 4.952 min
Delta R.T.: 0.004 min
Response: 3059287
Conc: 68.16 ng/ml



#11 AR-1232-1

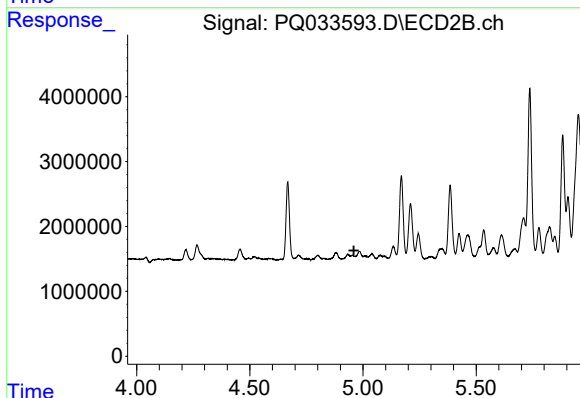
R.T.: 4.217 min
Delta R.T.: -0.008 min
Response: 1703022
Conc: 52.39 ng/ml



#12 AR-1232-2

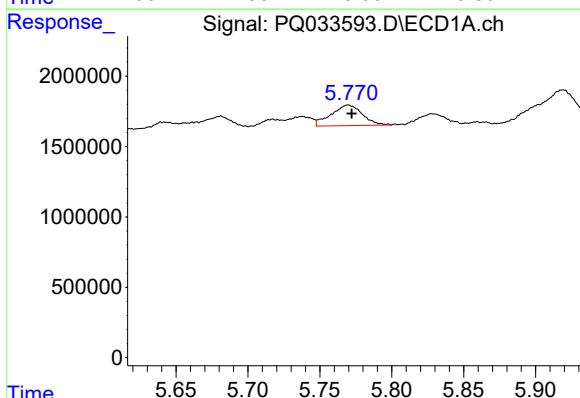
R.T.: 5.428 min
Delta R.T.: -0.054 min
Response: 16427177
Conc: 682.83 ng/ml

Instrument :
ECD_Q
ClientSampleId :



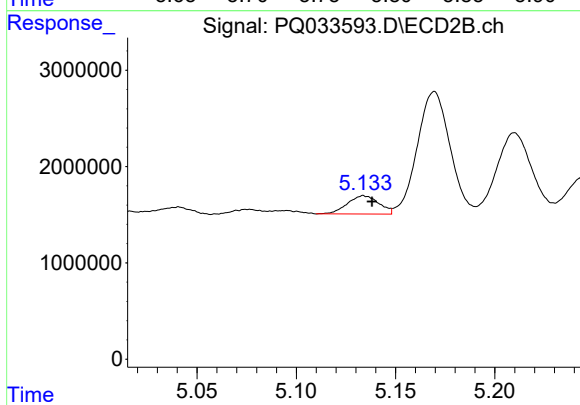
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 4.960 min
Response: 0
Conc: N.D.



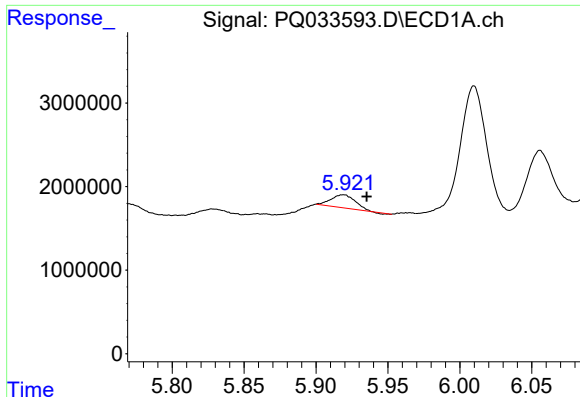
#13 AR-1232-3

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 2226520
Conc: 47.08 ng/ml



#13 AR-1232-3

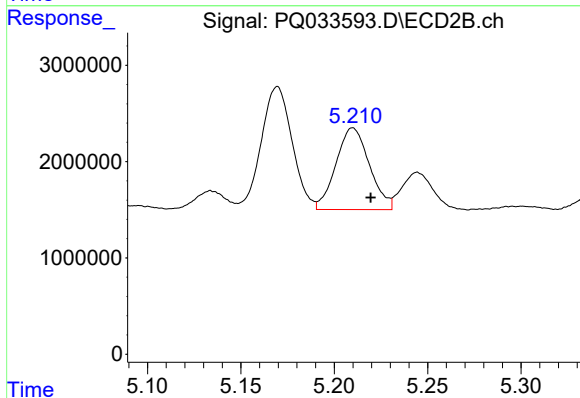
R.T.: 5.134 min
Delta R.T.: -0.004 min
Response: 2091231
Conc: 113.93 ng/ml



#14 AR-1232-4

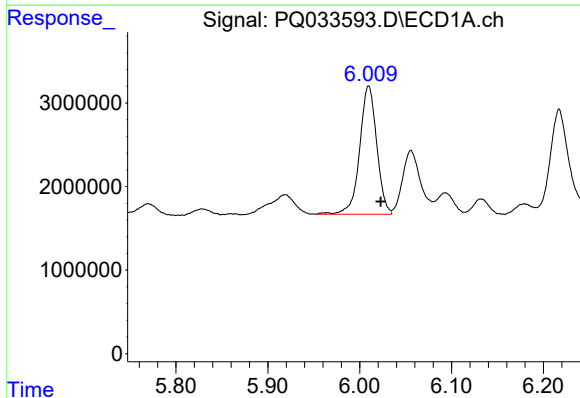
R.T.: 5.919 min
Delta R.T.: -0.016 min
Response: 1813592
Conc: 75.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



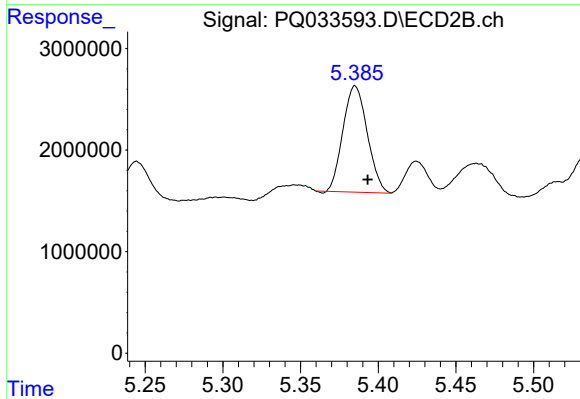
#14 AR-1232-4

R.T.: 5.210 min
Delta R.T.: -0.010 min
Response: 10590465
Conc: 650.56 ng/ml



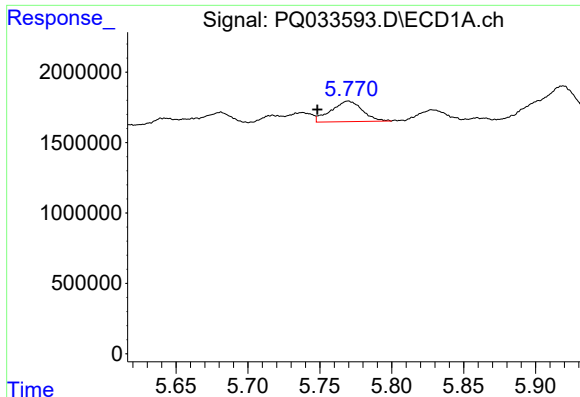
#15 AR-1232-5

R.T.: 6.010 min
Delta R.T.: -0.013 min
Response: 19842762
Conc: 1035.92 ng/ml



#15 AR-1232-5

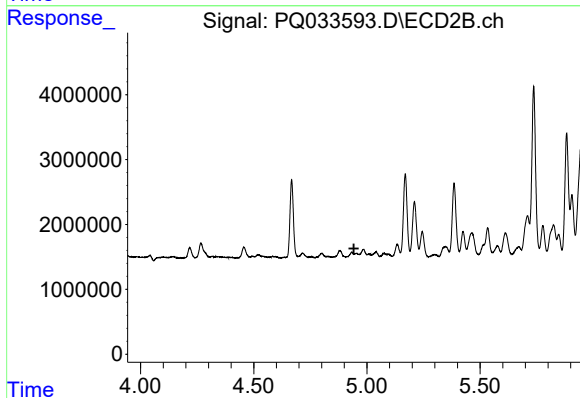
R.T.: 5.385 min
Delta R.T.: -0.008 min
Response: 11373778
Conc: 604.75 ng/ml



#16 AR-1242-1

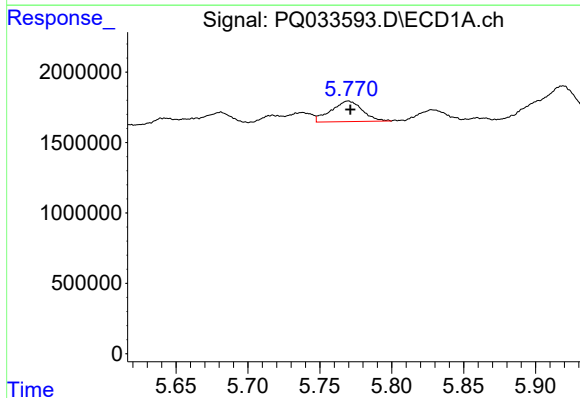
R.T.: 5.770 min
Delta R.T.: 0.021 min
Response: 2226520
Conc: 40.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



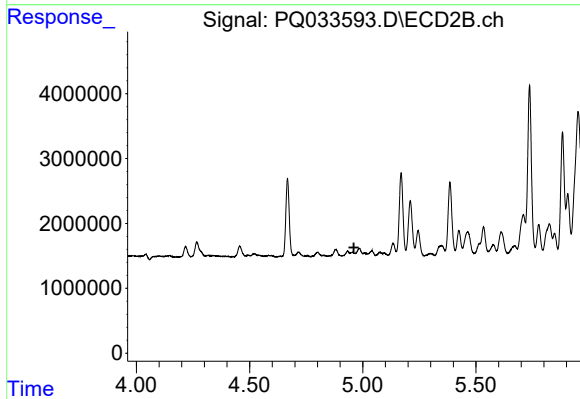
#16 AR-1242-1

R.T.: 0.000 min
Exp R.T. : 4.943 min
Response: 0
Conc: N.D.



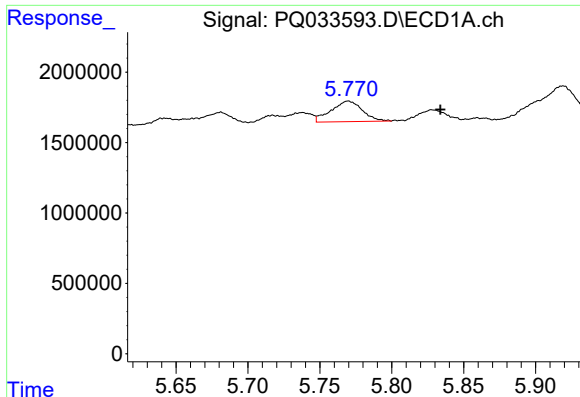
#17 AR-1242-2

R.T.: 5.770 min
Delta R.T.: -0.002 min
Response: 2226520
Conc: 28.13 ng/ml



#17 AR-1242-2

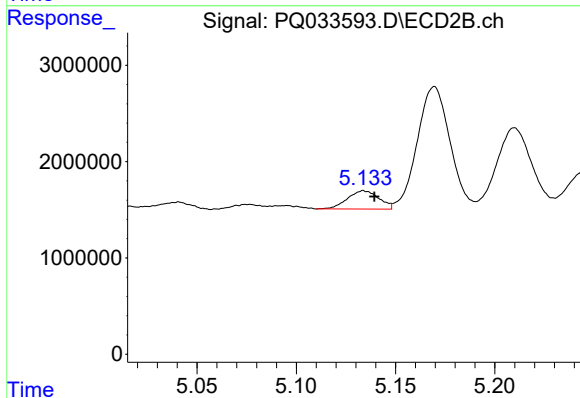
R.T.: 0.000 min
Exp R.T. : 4.961 min
Response: 0
Conc: N.D.



#18 AR-1242-3

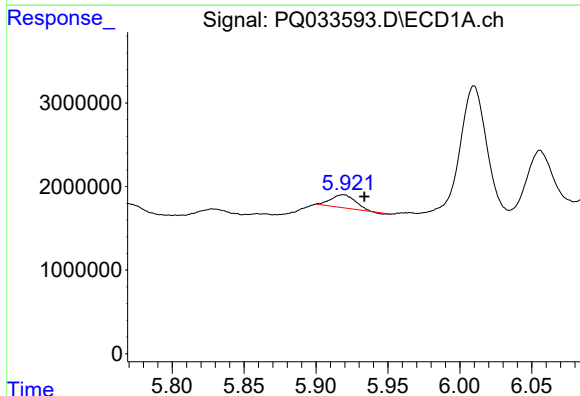
R.T.: 5.770 min
Delta R.T.: -0.064 min
Response: 2226520
Conc: 45.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



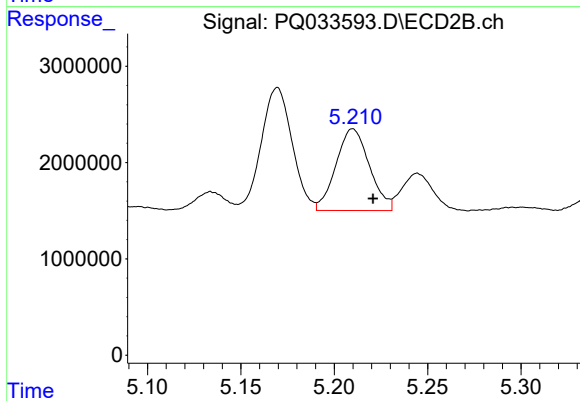
#18 AR-1242-3

R.T.: 5.134 min
Delta R.T.: -0.005 min
Response: 2091231
Conc: 64.93 ng/ml



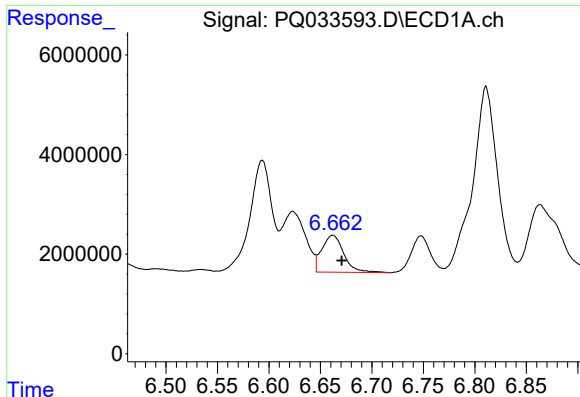
#19 AR-1242-4

R.T.: 5.919 min
Delta R.T.: -0.015 min
Response: 1813592
Conc: 46.06 ng/ml



#19 AR-1242-4

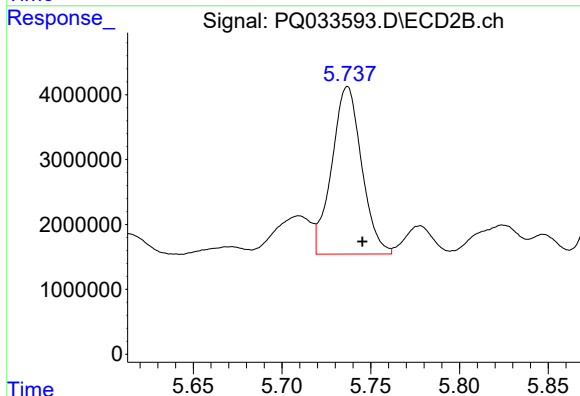
R.T.: 5.210 min
Delta R.T.: -0.011 min
Response: 10590465
Conc: 330.15 ng/ml



#20 AR-1242-5

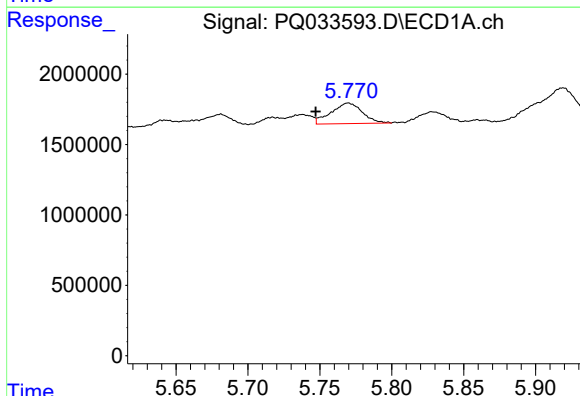
R.T.: 6.662 min
Delta R.T.: -0.009 min
Response: 11039723
Conc: 231.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



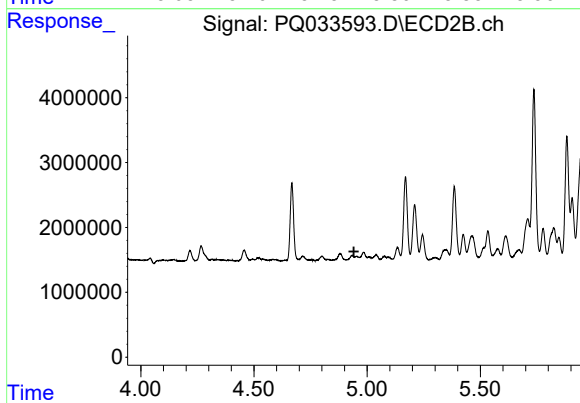
#20 AR-1242-5

R.T.: 5.737 min
Delta R.T.: -0.008 min
Response: 30241533
Conc: 678.64 ng/ml



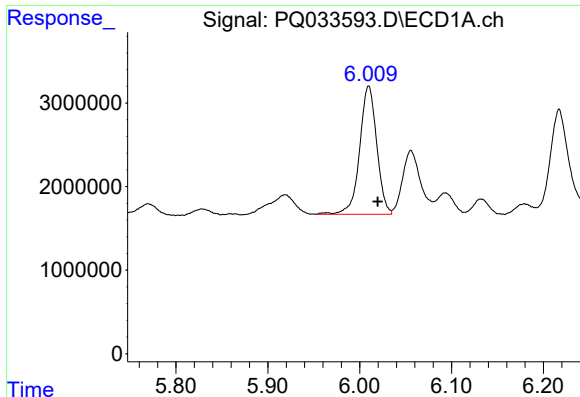
#21 AR-1248-1

R.T.: 5.770 min
Delta R.T.: 0.023 min
Response: 2226520
Conc: 53.70 ng/ml



#21 AR-1248-1

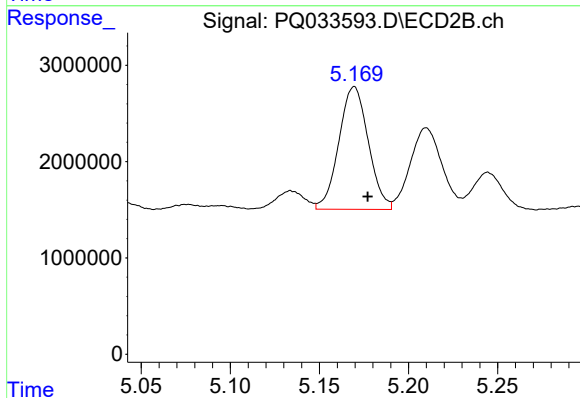
R.T.: 0.000 min
Exp R.T.: 4.941 min
Response: 0
Conc: N.D.



#22 AR-1248-2

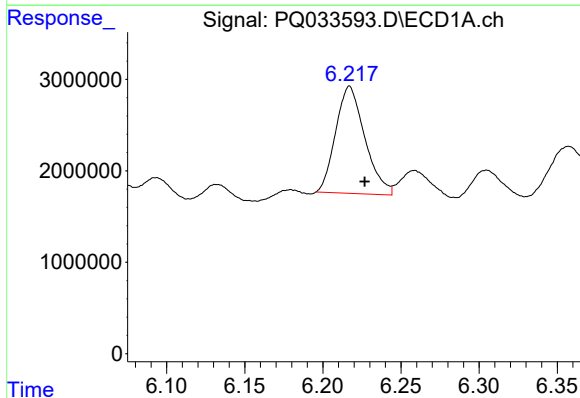
R.T.: 6.010 min
Delta R.T.: -0.010 min
Response: 19842762
Conc: 329.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



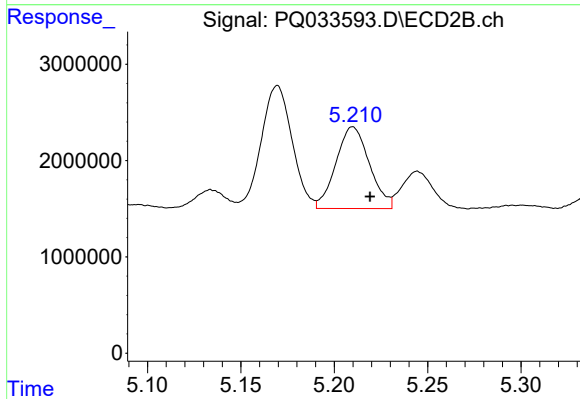
#22 AR-1248-2

R.T.: 5.170 min
Delta R.T.: -0.008 min
Response: 14646443
Conc: 330.92 ng/ml



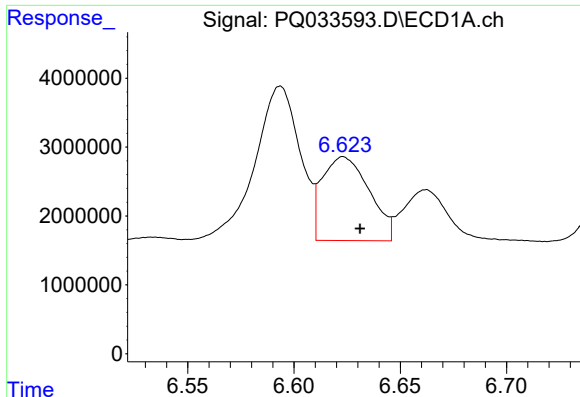
#23 AR-1248-3

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 15225442
Conc: 218.21 ng/ml



#23 AR-1248-3

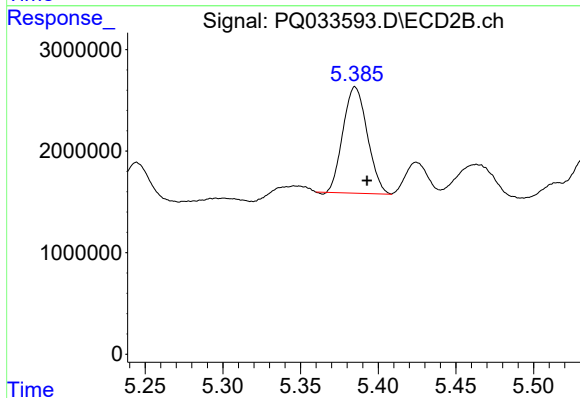
R.T.: 5.210 min
Delta R.T.: -0.009 min
Response: 10590465
Conc: 233.78 ng/ml



#24 AR-1248-4

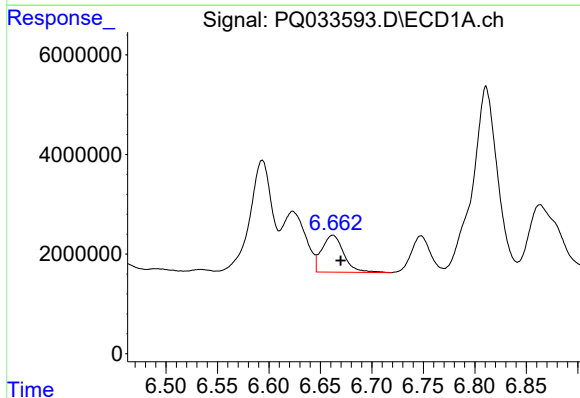
R.T.: 6.623 min
Delta R.T.: -0.008 min
Response: 18709754
Conc: 233.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



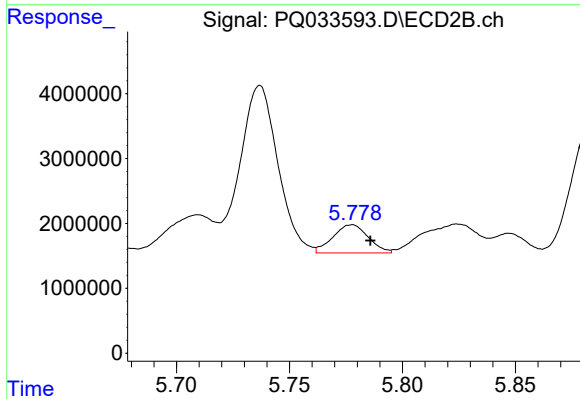
#24 AR-1248-4

R.T.: 5.385 min
Delta R.T.: -0.008 min
Response: 11373778
Conc: 199.27 ng/ml



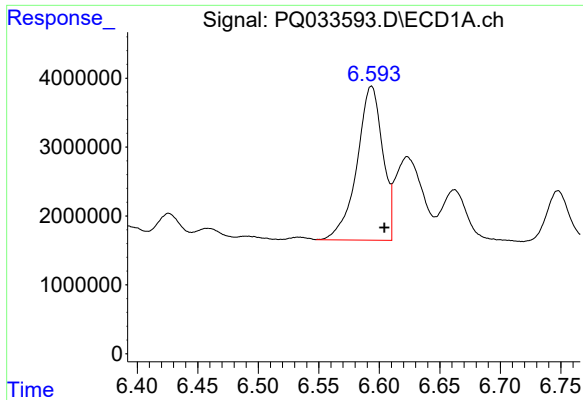
#25 AR-1248-5

R.T.: 6.662 min
Delta R.T.: -0.008 min
Response: 11039723
Conc: 144.63 ng/ml



#25 AR-1248-5

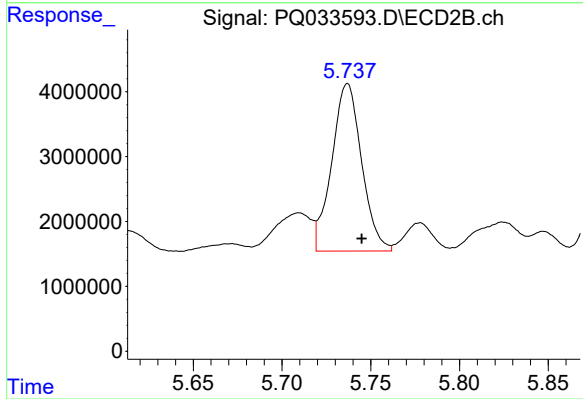
R.T.: 5.778 min
Delta R.T.: -0.008 min
Response: 4741545
Conc: 79.79 ng/ml



#26 AR-1254-1

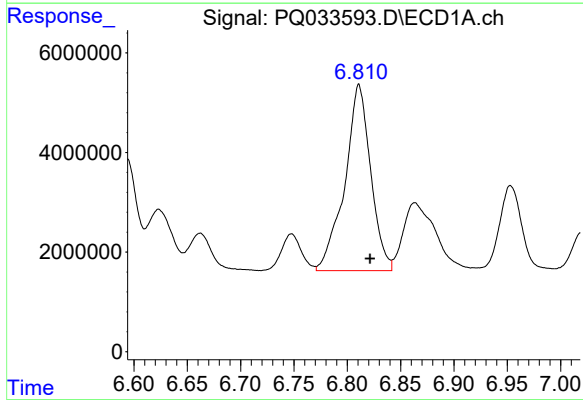
R.T.: 6.594 min
Delta R.T.: -0.011 min
Response: 33062539
Conc: 279.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



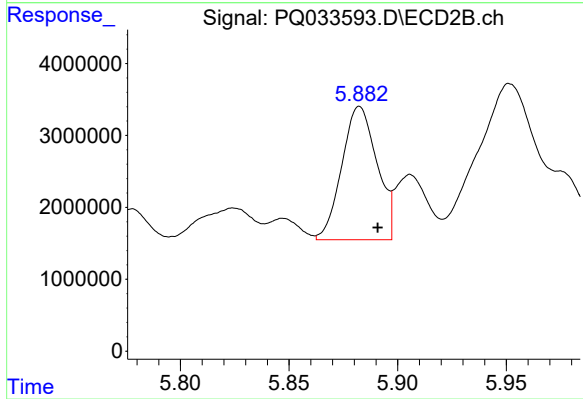
#26 AR-1254-1

R.T.: 5.737 min
Delta R.T.: -0.008 min
Response: 30241533
Conc: 236.14 ng/ml



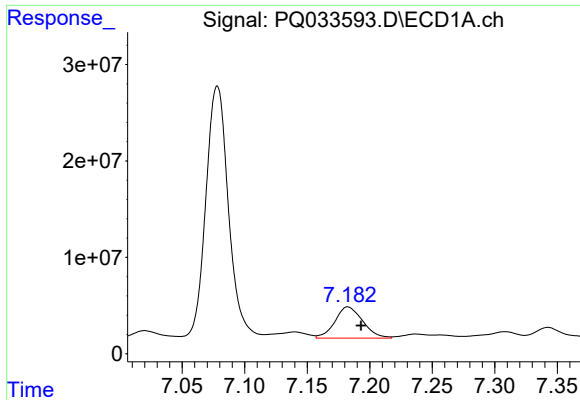
#27 AR-1254-2

R.T.: 6.811 min
Delta R.T.: -0.011 min
Response: 63135360
Conc: 338.73 ng/ml



#27 AR-1254-2

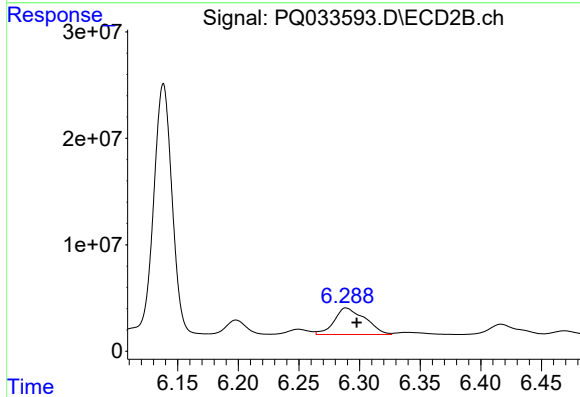
R.T.: 5.882 min
Delta R.T.: -0.008 min
Response: 20895049
Conc: 187.49 ng/ml



#28 AR-1254-3

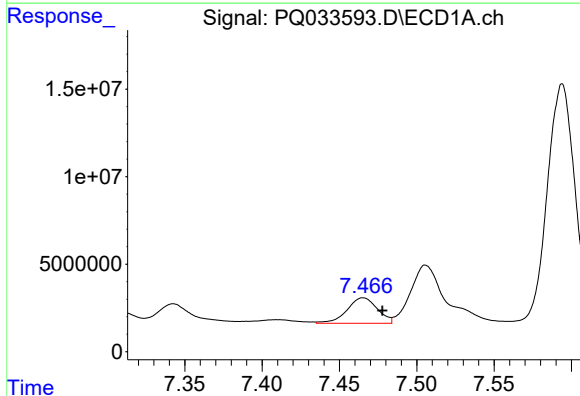
R.T.: 7.183 min
Delta R.T.: -0.011 min
Response: 50102174
Conc: 242.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



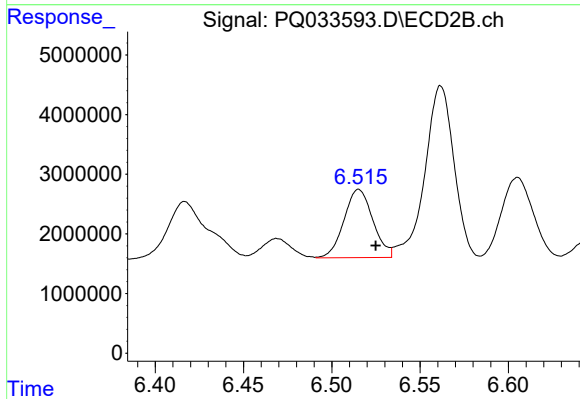
#28 AR-1254-3

R.T.: 6.289 min
Delta R.T.: -0.009 min
Response: 44366788
Conc: 228.35 ng/ml



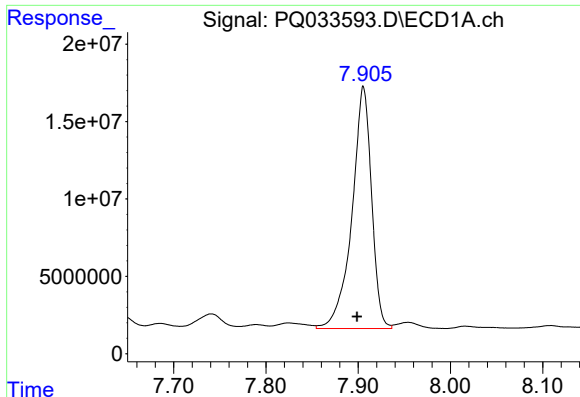
#29 AR-1254-4

R.T.: 7.465 min
Delta R.T.: -0.012 min
Response: 19786876
Conc: 129.62 ng/ml



#29 AR-1254-4

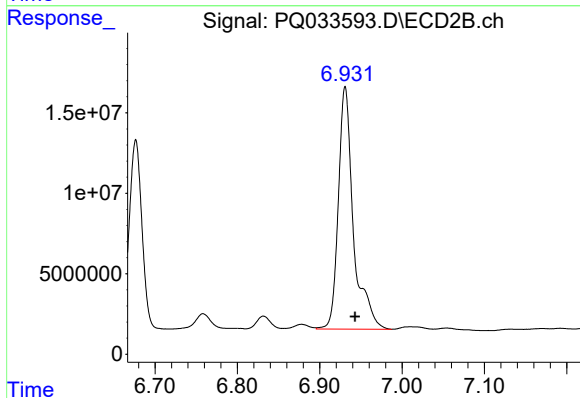
R.T.: 6.515 min
Delta R.T.: -0.010 min
Response: 13013878
Conc: 105.94 ng/ml



#30 AR-1254-5

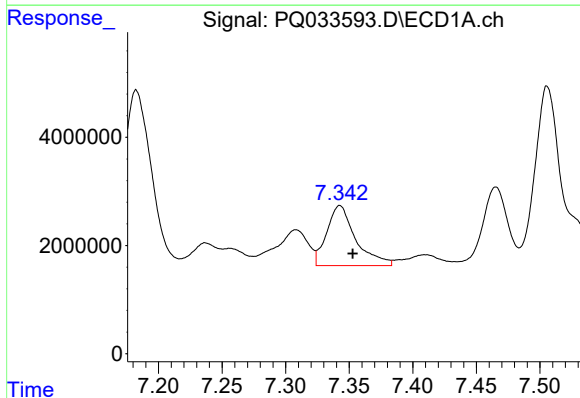
R.T.: 7.906 min
Delta R.T.: 0.007 min
Response: 230850417
Conc: 1369.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



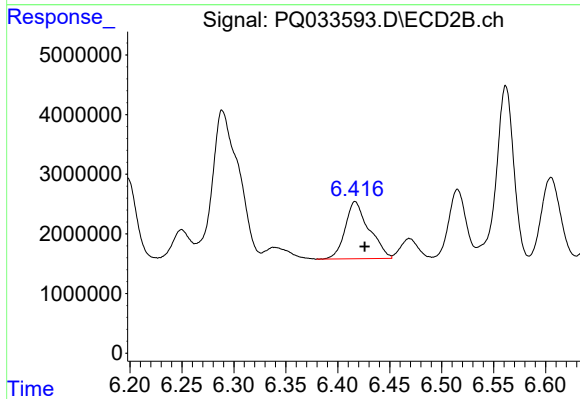
#30 AR-1254-5

R.T.: 6.931 min
Delta R.T.: -0.012 min
Response: 191652559
Conc: 1128.50 ng/ml



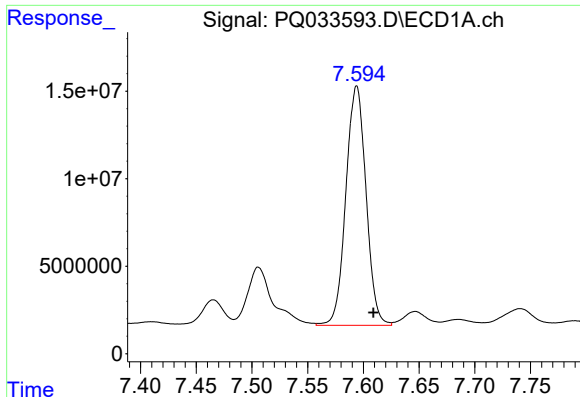
#31 AR-1260-1

R.T.: 7.343 min
Delta R.T.: -0.010 min
Response: 17602980
Conc: 119.84 ng/ml



#31 AR-1260-1

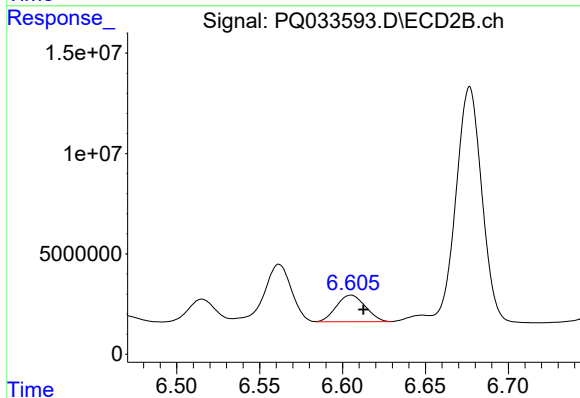
R.T.: 6.417 min
Delta R.T.: -0.009 min
Response: 15394008
Conc: 126.63 ng/ml



#32 AR-1260-2

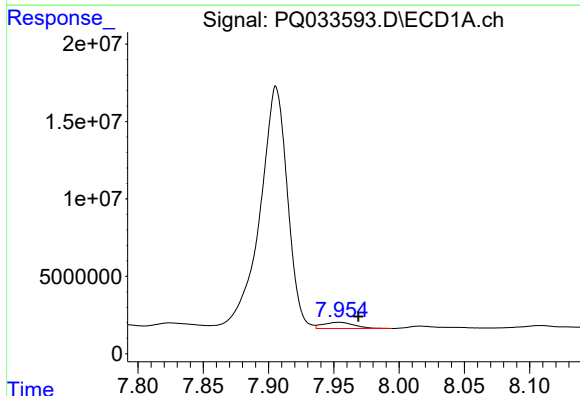
R.T.: 7.594 min
Delta R.T.: -0.015 min
Response: 172152130
Conc: 1004.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



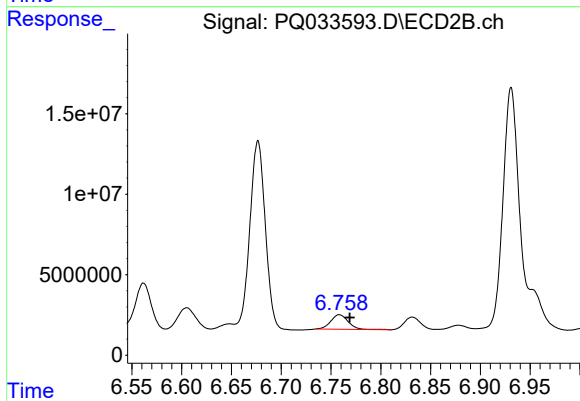
#32 AR-1260-2

R.T.: 6.605 min
Delta R.T.: -0.007 min
Response: 16097791
Conc: 108.70 ng/ml



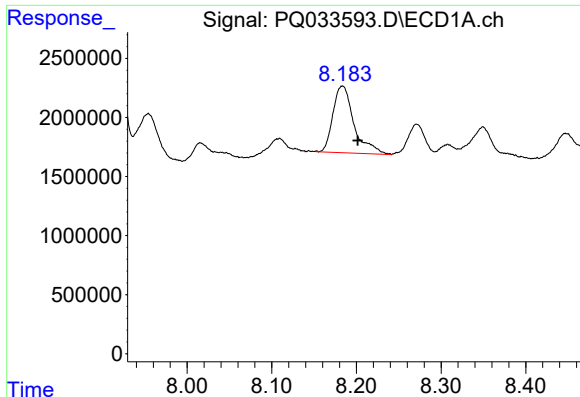
#33 AR-1260-3

R.T.: 7.954 min
Delta R.T.: -0.015 min
Response: 6724078
Conc: 55.60 ng/ml



#33 AR-1260-3

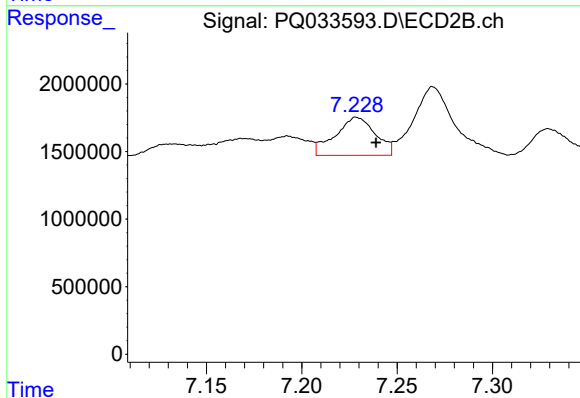
R.T.: 6.758 min
Delta R.T.: -0.010 min
Response: 11043310
Conc: 79.77 ng/ml



#34 AR-1260-4

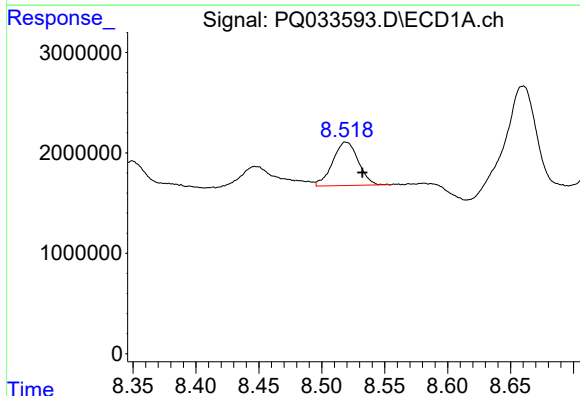
R.T.: 8.184 min
Delta R.T.: -0.018 min
Response: 9742493
Conc: 68.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



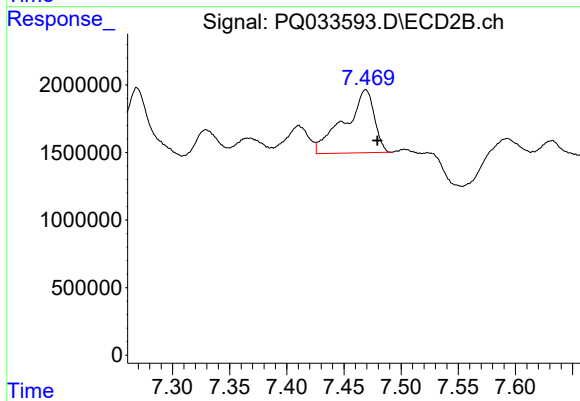
#34 AR-1260-4

R.T.: 7.229 min
Delta R.T.: -0.010 min
Response: 4131181
Conc: 38.02 ng/ml



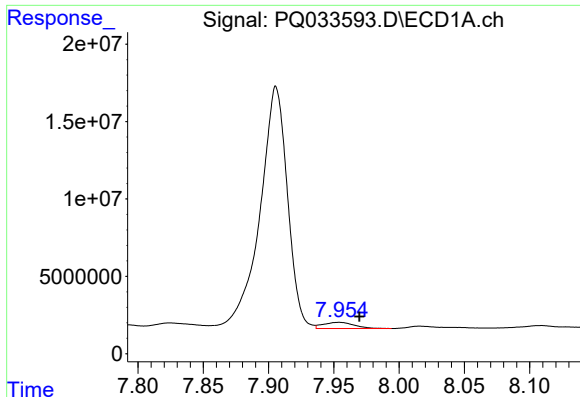
#35 AR-1260-5

R.T.: 8.519 min
Delta R.T.: -0.013 min
Response: 6120799
Conc: 22.06 ng/ml



#35 AR-1260-5

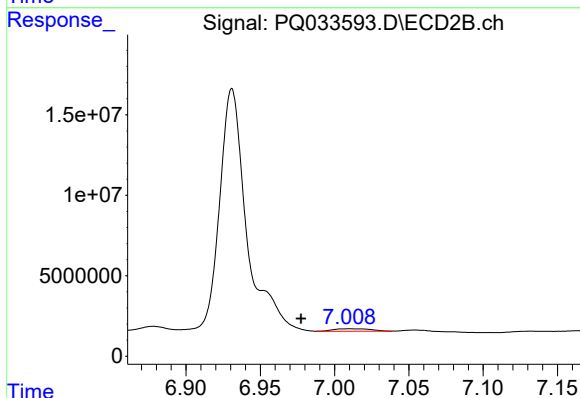
R.T.: 7.469 min
Delta R.T.: -0.010 min
Response: 8445798
Conc: 32.44 ng/ml



#36 AR-1262-1

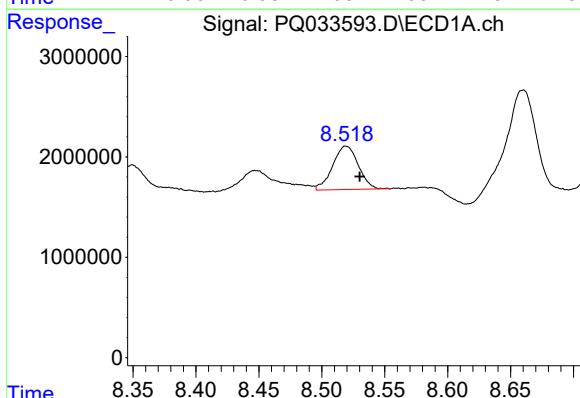
R.T.: 7.954 min
Delta R.T.: -0.015 min
Response: 6724078
Conc: 39.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



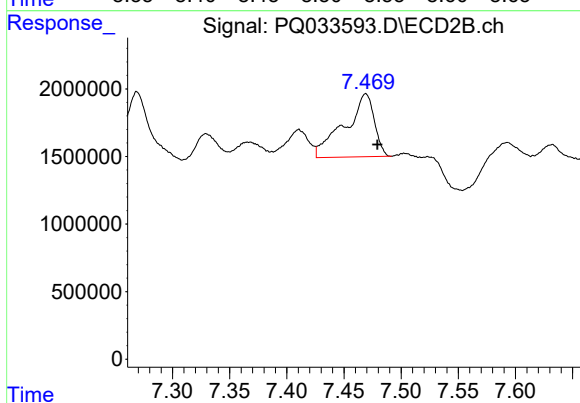
#36 AR-1262-1

R.T.: 7.010 min
Delta R.T.: 0.033 min
Response: 2571213
Conc: 17.13 ng/ml



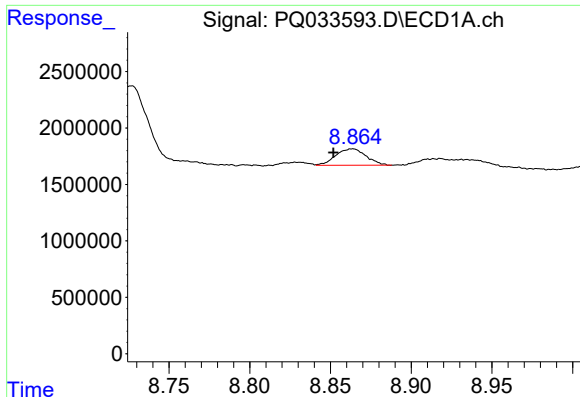
#37 AR-1262-2

R.T.: 8.519 min
Delta R.T.: -0.011 min
Response: 6120799
Conc: 19.53 ng/ml



#37 AR-1262-2

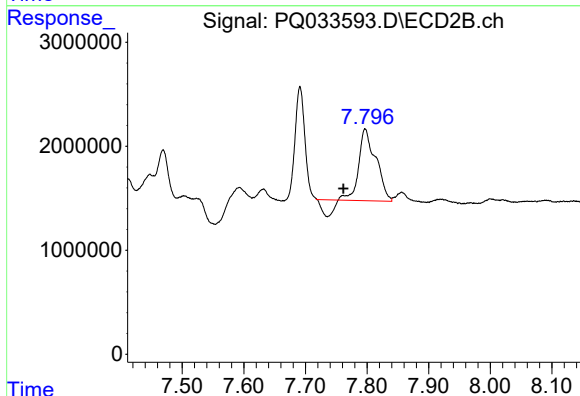
R.T.: 7.469 min
Delta R.T.: -0.010 min
Response: 8445798
Conc: 29.95 ng/ml



#38 AR-1262-3

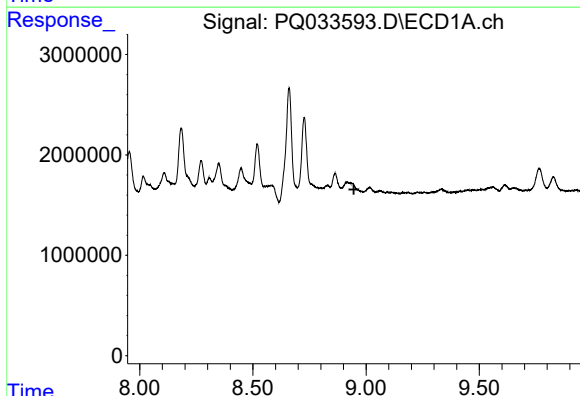
R.T.: 8.864 min
Delta R.T.: 0.012 min
Response: 1901867
Conc: 9.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



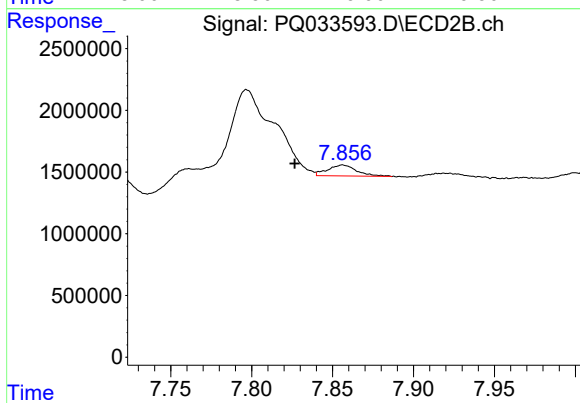
#38 AR-1262-3

R.T.: 7.797 min
Delta R.T.: 0.035 min
Response: 11680475
Conc: 108.84 ng/ml



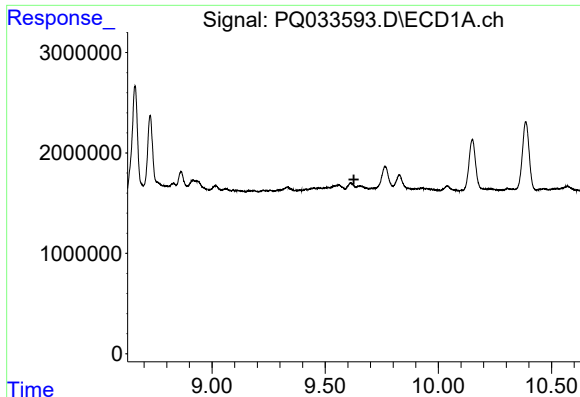
#39 AR-1262-4

R.T.: 0.000 min
Exp R.T. : 8.946 min
Response: 0
Conc: N.D.



#39 AR-1262-4

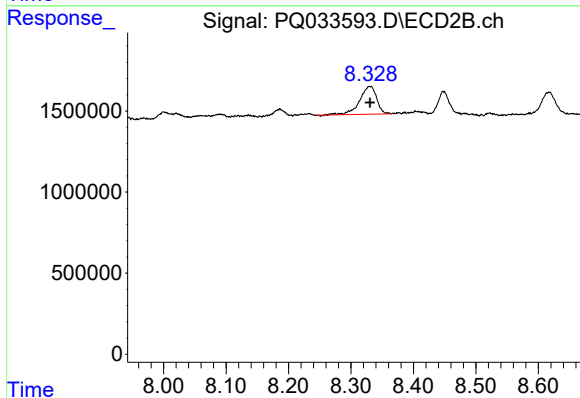
R.T.: 7.856 min
Delta R.T.: 0.030 min
Response: 1123804
Conc: 5.51 ng/ml



#40 AR-1262-5

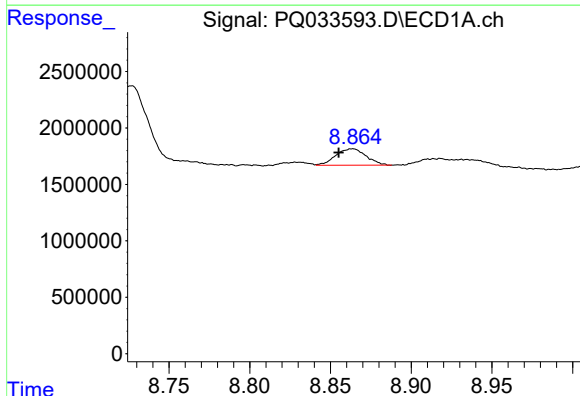
R.T.: 0.000 min
Exp R.T.: 9.627 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



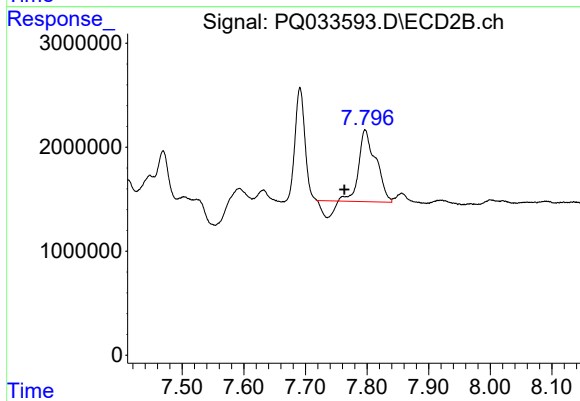
#40 AR-1262-5

R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 3262208
Conc: 35.85 ng/ml



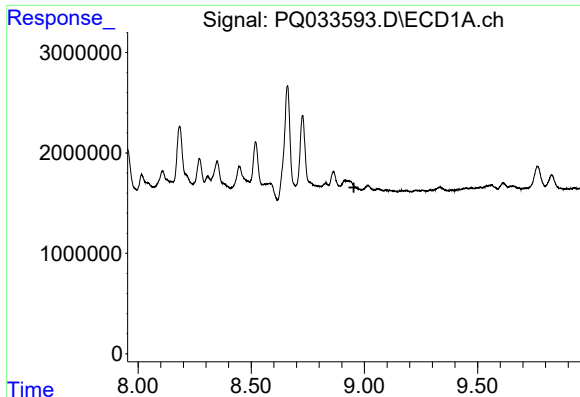
#41 AR-1268-1

R.T.: 8.864 min
Delta R.T.: 0.008 min
Response: 1901867
Conc: 6.30 ng/ml



#41 AR-1268-1

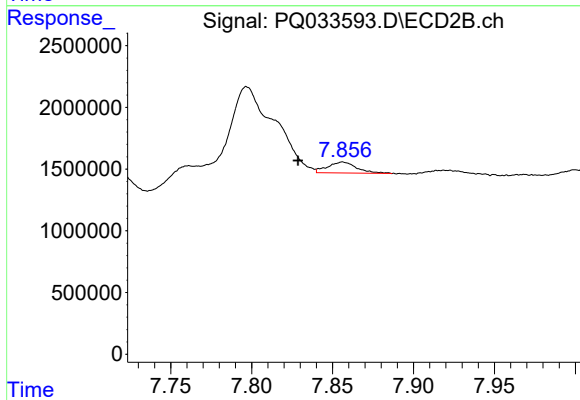
R.T.: 7.797 min
Delta R.T.: 0.034 min
Response: 11680475
Conc: 42.78 ng/ml



#42 AR-1268-2

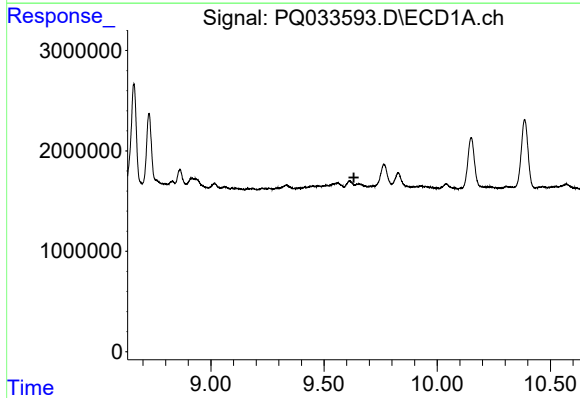
R.T.: 0.000 min
Exp R.T.: 8.953 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



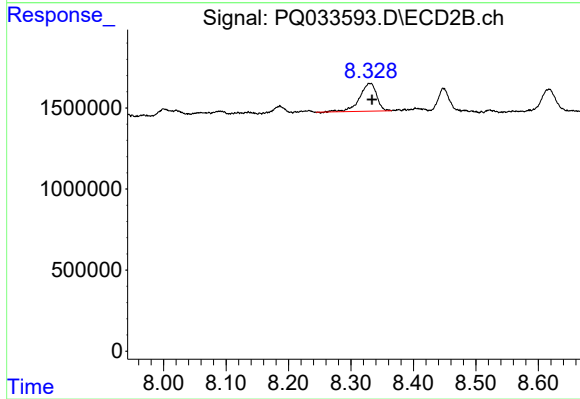
#42 AR-1268-2

R.T.: 7.856 min
Delta R.T.: 0.028 min
Response: 1123804
Conc: 4.57 ng/ml



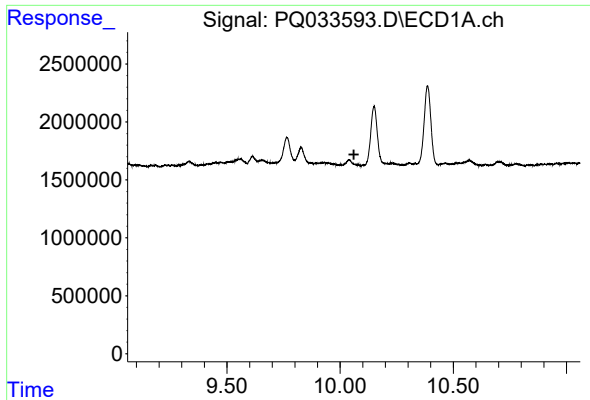
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T.: 9.632 min
Response: 0
Conc: N.D.



#44 AR-1268-4

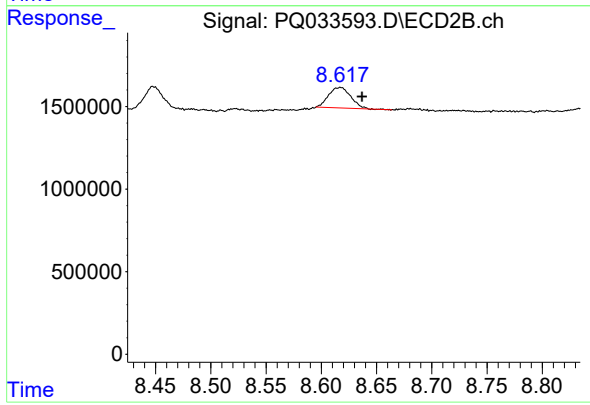
R.T.: 8.330 min
Delta R.T.: -0.003 min
Response: 3262208
Conc: 36.88 ng/ml



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T.: 10.061 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.617 min
Delta R.T.: -0.020 min
Response: 1741706
Conc: 2.60 ng/ml