

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ090618\
 Data File : PQ031690.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Sep 2018 16:05
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:17:52 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 31 04:27:04 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...	4.610	3.881	87157880	67833856	59.729	59.534
2)	SA Decachlor...	10.475	8.969	85460867	76978414	39.856	36.732
Target Compounds							
3)	L1 AR-1016-1	5.324	4.565	21440572	17864897	549.026	556.844
4)	L1 AR-1016-2	5.521	4.981	21310470	26777731	531.292	534.000
5)	L1 AR-1016-3	5.790	5.001	30612906	38267448	498.282	531.010
6)	L1 AR-1016-4	5.874	5.058	27833009	24391413	515.811	548.505
7)	L1 AR-1016-5	6.268	5.436	23387381	21212662	514.514	528.923
8)	L2 AR-1221-1	4.816	4.095	2570972	1808947	146.876	130.759
9)	L2 AR-1221-2	4.909	4.185	3677729	2915110	281.377	267.677
10)	L2 AR-1221-3	4.986	4.262	15025086	12126631	349.809	349.412
11)	L3 AR-1232-1	5.811	4.760	45942366	18325693	1518.433	1452.821
12)	L3 AR-1232-2	5.975	4.875	23338629	5464609	1505.359	1524.098
13)	L3 AR-1232-3	6.146	5.262	6190013	20083931	1511.748	1629.222
14)	L3 AR-1232-4	6.480	5.587	5958736	23169685	1341.783	1534.920
15)	L3 AR-1232-5	7.343	0.000	2796824	0	1051.923	N.D. #
16)	L4 AR-1242-1	5.354	4.586	12959958	10147444	708.811	725.450
17)	L4 AR-1242-2	6.108	5.180	19371103	20347927	629.359	709.092
18)	L4 AR-1242-3	6.311	5.294	10059542	6820310	623.965	709.800
19)	L4 AR-1242-4	6.355	5.660	7680615	5548115	565.510	630.795
20)	L4 AR-1242-5	6.411	6.034	25267010	1981147	644.328	86.611 #
21)	L5 AR-1248-1	6.062	5.219	18866789	15972538	332.620	338.301
22)	L5 AR-1248-2	6.647	5.790	21740246	22329522	366.005	239.565 #
23)	L5 AR-1248-3	6.673	5.832	8026171	5339528	100.746	83.535
24)	L5 AR-1248-4	6.713	6.034	6988869	1981147	91.825	34.424 #
25)	L5 AR-1248-5	6.864	6.358	18961201	38631674	370.635	836.469 #
26)	L6 AR-1254-1	6.864	5.936	18961201	16109074	130.718	161.375
27)	L6 AR-1254-2	7.149	6.254	3344112	3264306	37.191	37.227
28)	L6 AR-1254-3	7.235	6.572	9664273	2968865	58.968	25.694 #
29)	L6 AR-1254-4	7.520	6.898	6349077	5442107	51.921	65.539 #
30)	L6 AR-1254-5	7.783	6.991	25809260	64717736	271.979	389.253 #
31)	L7 AR-1260-1	7.397	6.474	49159452	47727731	447.417	472.541
32)	L7 AR-1260-2	7.652	6.659	59284933	58626788	447.467	453.796
33)	L7 AR-1260-3	7.938	6.817	70941294	54206239	449.551	450.784
34)	L7 AR-1260-4	8.245	7.290	51047813	43310416	436.527	418.836
35)	L7 AR-1260-5	8.578	7.528	104.2E6	107.2E6	438.787	421.104
36)	L8 AR-1262-1	7.290	6.358	25956247	38631674	450.640	769.844 #
37)	L8 AR-1262-2	8.071	7.081	21593407	22967570	403.901	422.018
38)	L8 AR-1262-3	8.332	7.388	23878470	23249725	390.348	374.902
39)	L8 AR-1262-4	8.980	7.814	37378436	20852751	291.974	199.102 #
40)	L8 AR-1262-5	9.687	8.386	26588008	23585424	275.777	249.280
41)	L9 AR-1268-1	8.013	7.028	43041430	46530845	810.840	864.133

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 Acq On : 06 Sep 2018 16:05
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

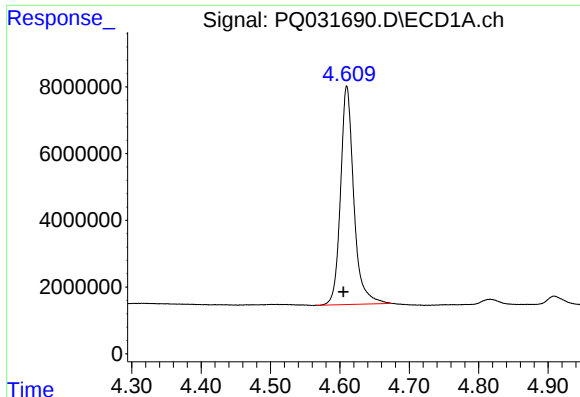
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 07 03:17:52 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ090118.M
 Quant Title : GC EXTRACTABLES
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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
42) L9	AR-1268-2	8.245	7.878	51047813	73371760	731.403	242.725 #
43) L9	AR-1268-3	8.923	8.088	64533884	1981102	198.023	7.919 #
44) L9	AR-1268-4	9.238	8.182	2370159	1839494	9.478	27.341 #
45) L9	AR-1268-5	10.122	8.696	7266867	6413740	8.498	7.617

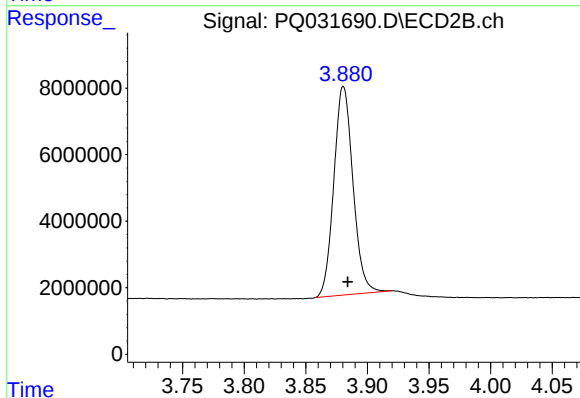
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

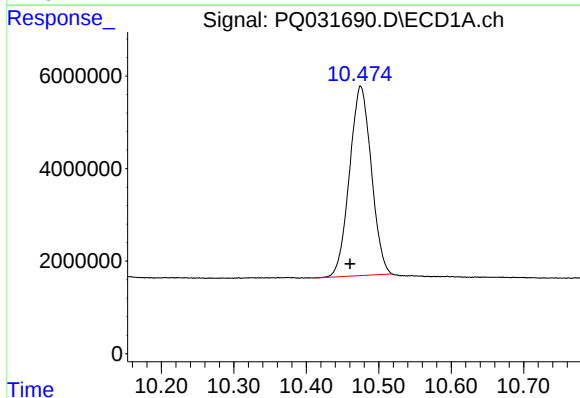
R.T.: 4.610 min
Delta R.T.: 0.005 min
Response: 87157880
Conc: 59.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



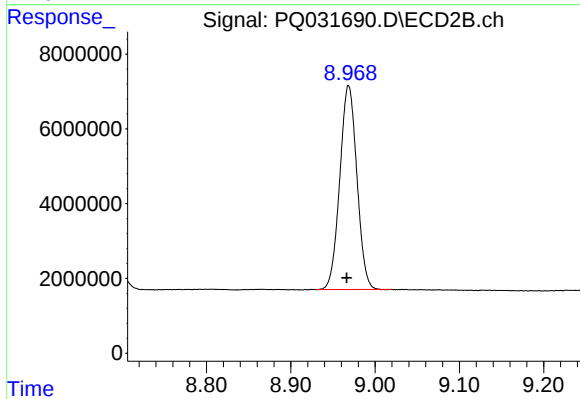
#1 Tetrachloro-m-xylene

R.T.: 3.881 min
Delta R.T.: -0.003 min
Response: 67833856
Conc: 59.53 ng/ml



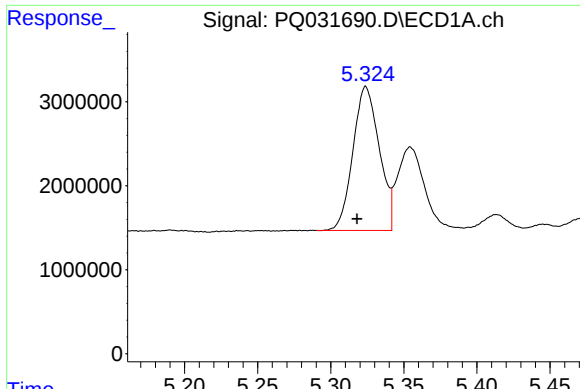
#2 Decachlorobiphenyl

R.T.: 10.475 min
Delta R.T.: 0.014 min
Response: 85460867
Conc: 39.86 ng/ml



#2 Decachlorobiphenyl

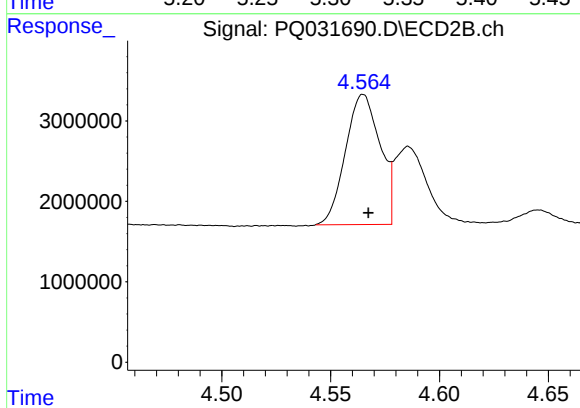
R.T.: 8.969 min
Delta R.T.: 0.002 min
Response: 76978414
Conc: 36.73 ng/ml



#3 AR-1016-1

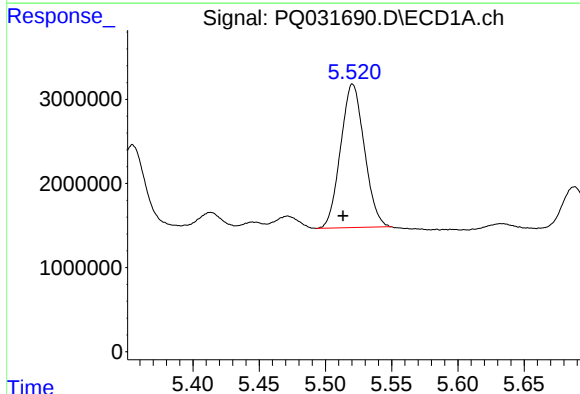
R.T.: 5.324 min
Delta R.T.: 0.006 min
Response: 21440572
Conc: 549.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



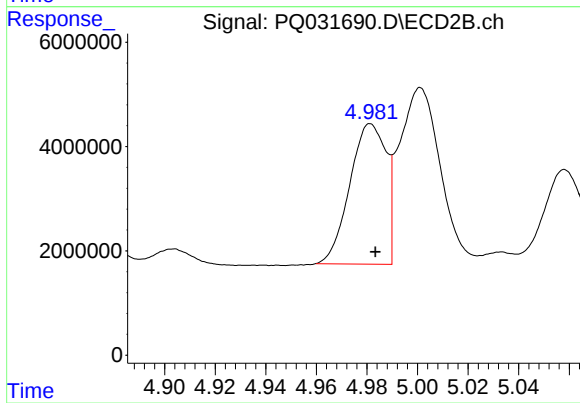
#3 AR-1016-1

R.T.: 4.565 min
Delta R.T.: -0.002 min
Response: 17864897
Conc: 556.84 ng/ml



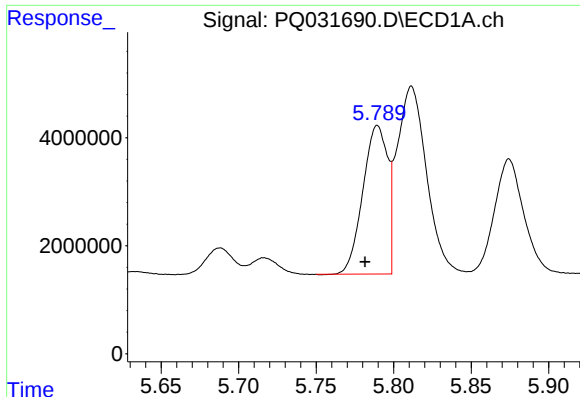
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: 0.007 min
Response: 21310470
Conc: 531.29 ng/ml



#4 AR-1016-2

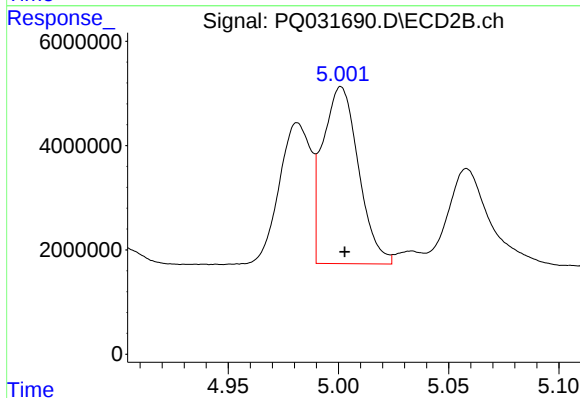
R.T.: 4.981 min
Delta R.T.: -0.002 min
Response: 26777731
Conc: 534.00 ng/ml



#5 AR-1016-3

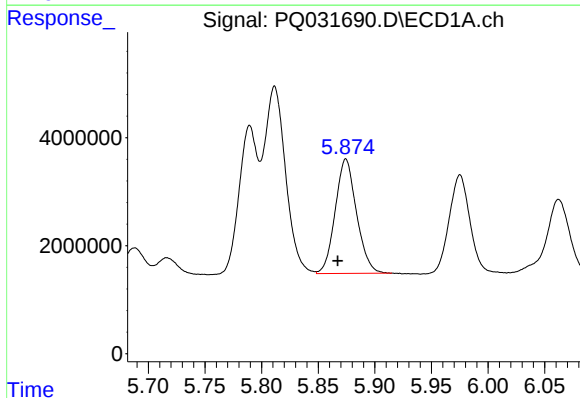
R.T.: 5.790 min
Delta R.T.: 0.008 min
Response: 30612906
Conc: 498.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



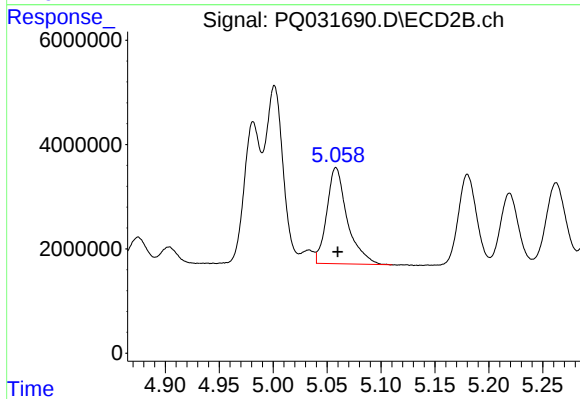
#5 AR-1016-3

R.T.: 5.001 min
Delta R.T.: -0.002 min
Response: 38267448
Conc: 531.01 ng/ml



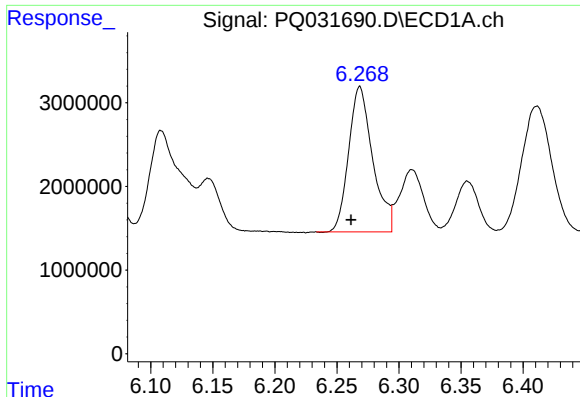
#6 AR-1016-4

R.T.: 5.874 min
Delta R.T.: 0.007 min
Response: 27833009
Conc: 515.81 ng/ml



#6 AR-1016-4

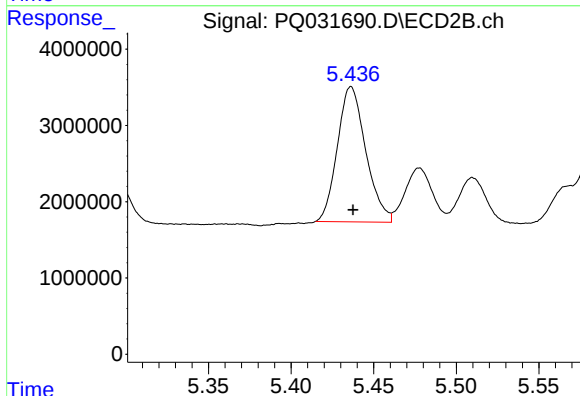
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 24391413
Conc: 548.51 ng/ml



#7 AR-1016-5

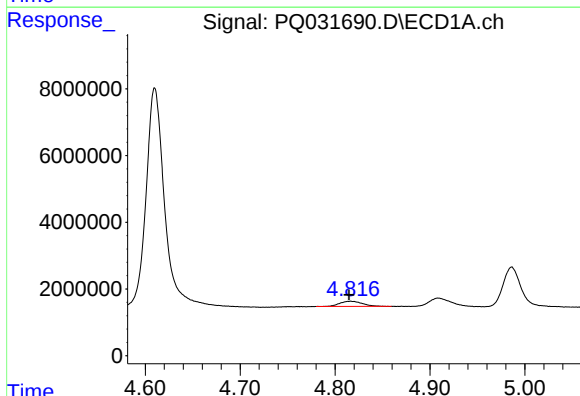
R.T.: 6.268 min
Delta R.T.: 0.007 min
Response: 23387381
Conc: 514.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



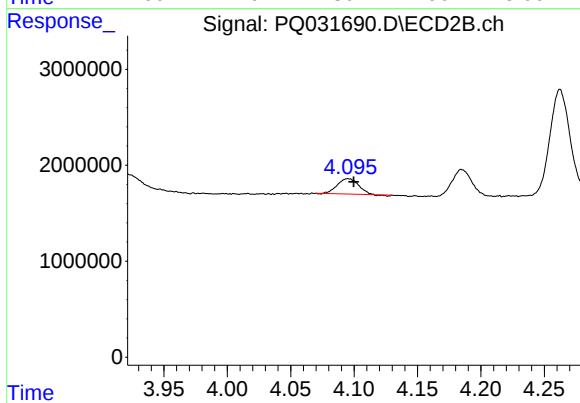
#7 AR-1016-5

R.T.: 5.436 min
Delta R.T.: -0.001 min
Response: 21212662
Conc: 528.92 ng/ml



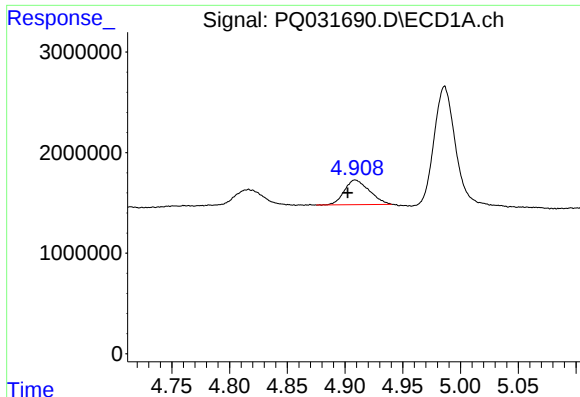
#8 AR-1221-1

R.T.: 4.816 min
Delta R.T.: 0.002 min
Response: 2570972
Conc: 146.88 ng/ml



#8 AR-1221-1

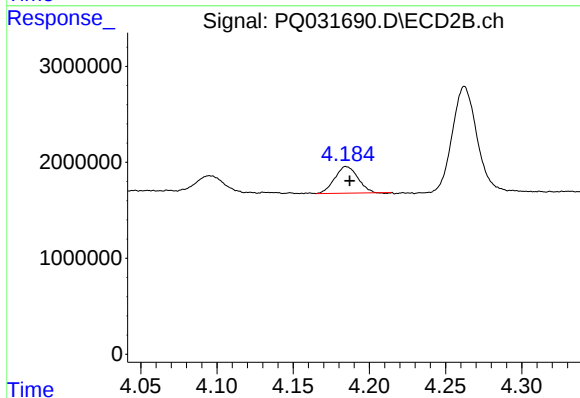
R.T.: 4.095 min
Delta R.T.: -0.004 min
Response: 1808947
Conc: 130.76 ng/ml



#9 AR-1221-2

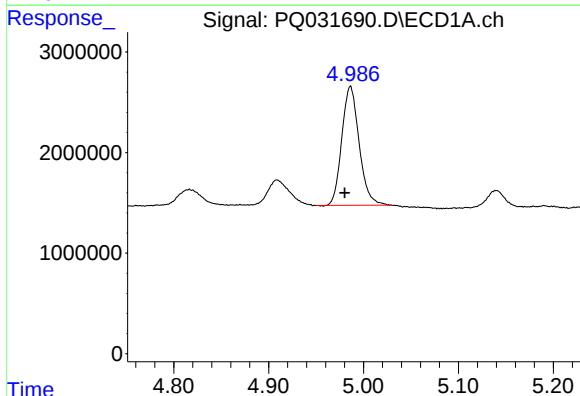
R.T.: 4.909 min
Delta R.T.: 0.006 min
Response: 3677729
Conc: 281.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



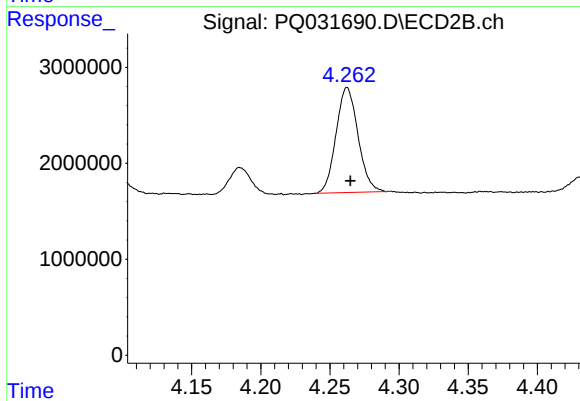
#9 AR-1221-2

R.T.: 4.185 min
Delta R.T.: -0.002 min
Response: 2915110
Conc: 267.68 ng/ml



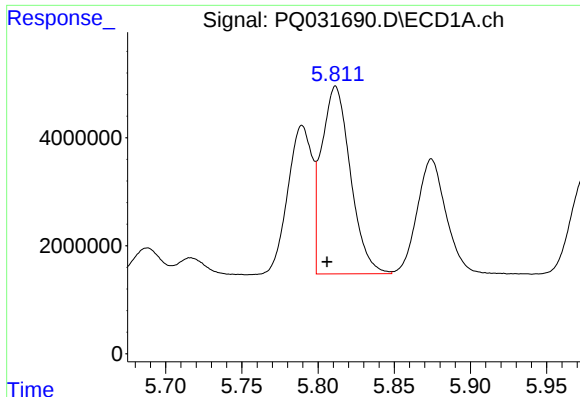
#10 AR-1221-3

R.T.: 4.986 min
Delta R.T.: 0.006 min
Response: 15025086
Conc: 349.81 ng/ml



#10 AR-1221-3

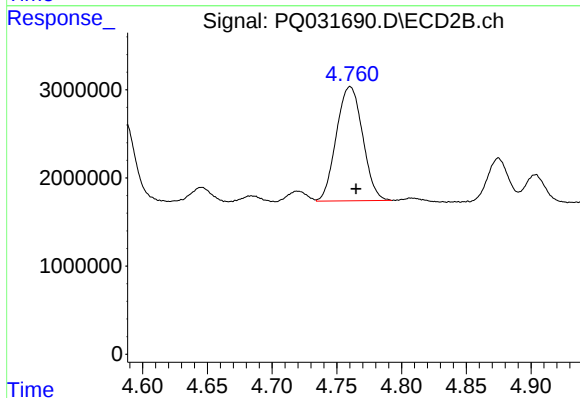
R.T.: 4.262 min
Delta R.T.: -0.002 min
Response: 12126631
Conc: 349.41 ng/ml



#11 AR-1232-1

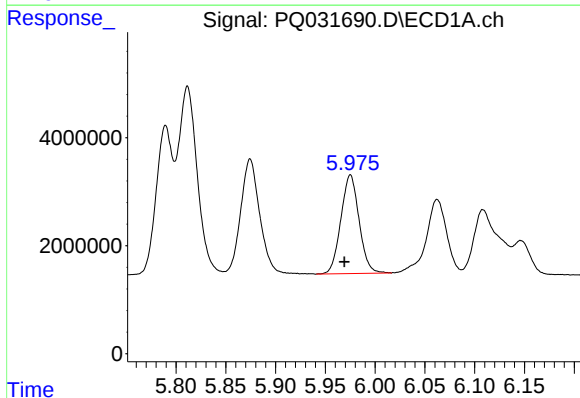
R.T.: 5.811 min
Delta R.T.: 0.006 min
Response: 45942366
Conc: 1518.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



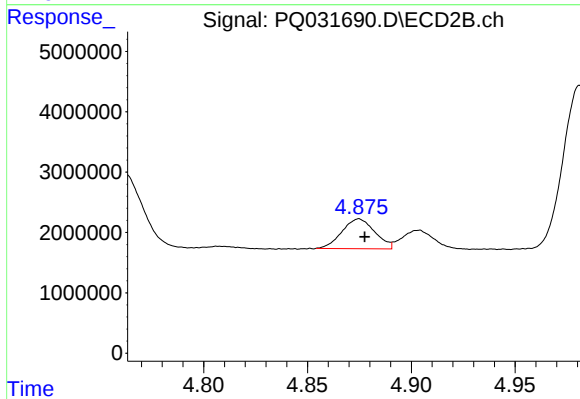
#11 AR-1232-1

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 18325693
Conc: 1452.82 ng/ml



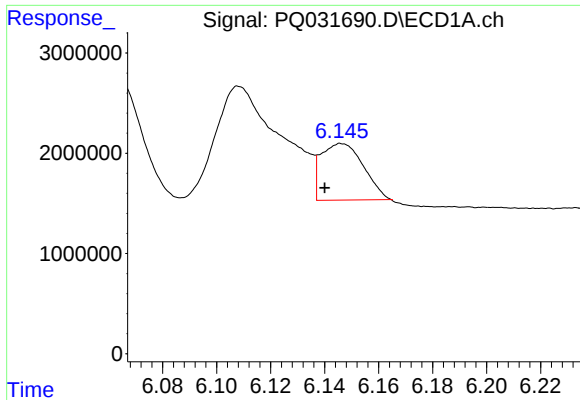
#12 AR-1232-2

R.T.: 5.975 min
Delta R.T.: 0.006 min
Response: 23338629
Conc: 1505.36 ng/ml



#12 AR-1232-2

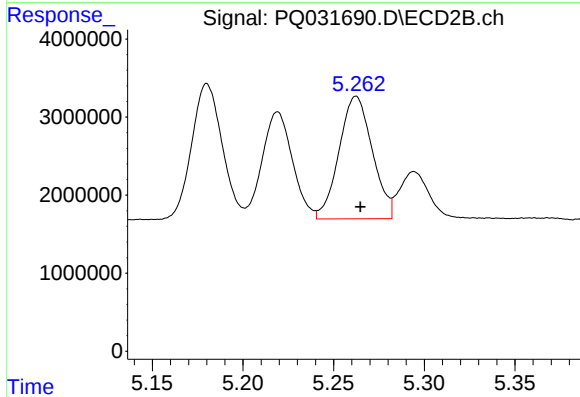
R.T.: 4.875 min
Delta R.T.: -0.003 min
Response: 5464609
Conc: 1524.10 ng/ml



#13 AR-1232-3

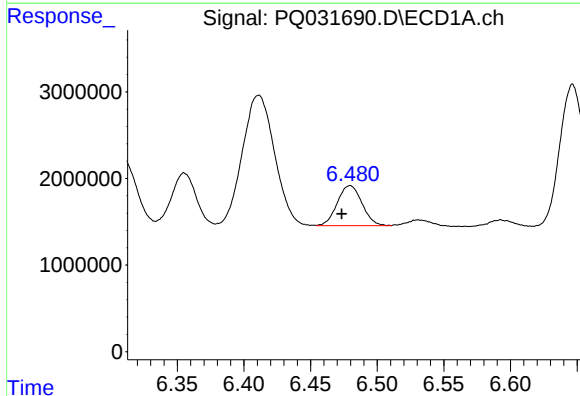
R.T.: 6.146 min
Delta R.T.: 0.006 min
Response: 6190013
Conc: 1511.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



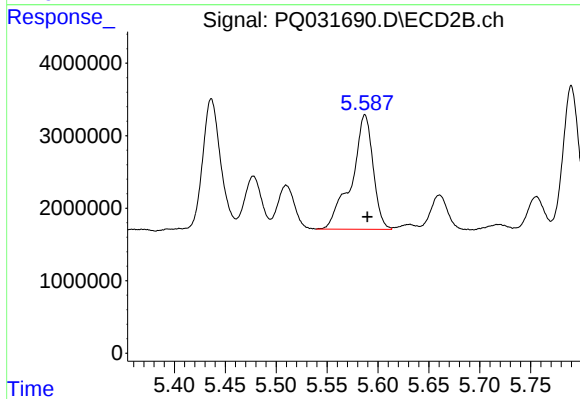
#13 AR-1232-3

R.T.: 5.262 min
Delta R.T.: -0.002 min
Response: 20083931
Conc: 1629.22 ng/ml



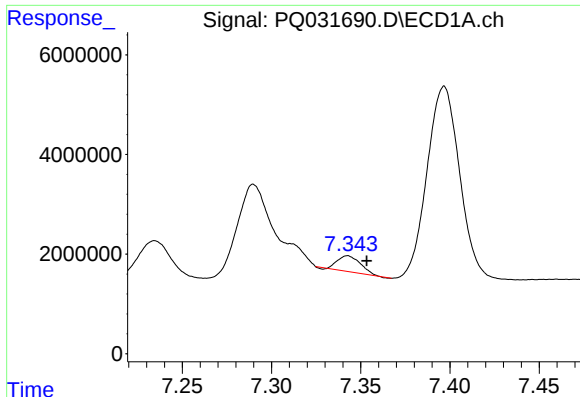
#14 AR-1232-4

R.T.: 6.480 min
Delta R.T.: 0.006 min
Response: 5958736
Conc: 1341.78 ng/ml



#14 AR-1232-4

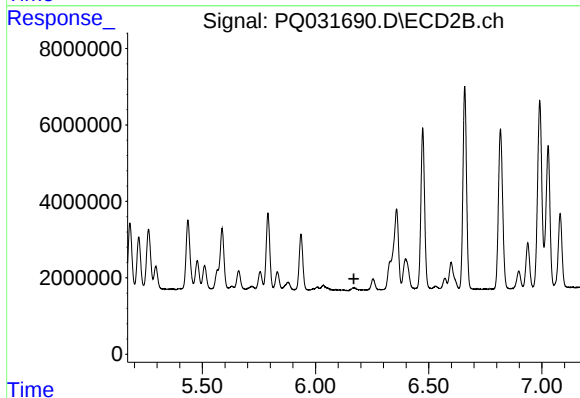
R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 23169685
Conc: 1534.92 ng/ml



#15 AR-1232-5

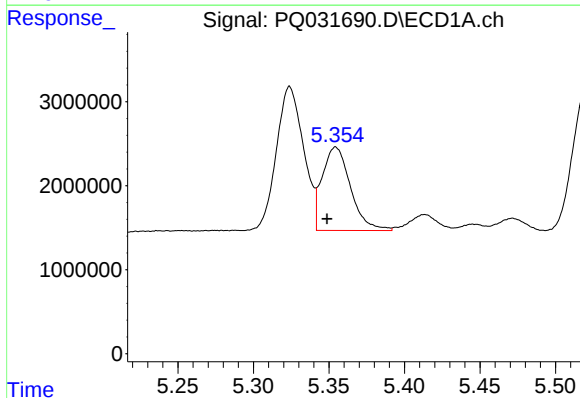
R.T.: 7.343 min
Delta R.T.: -0.011 min
Response: 2796824
Conc: 1051.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



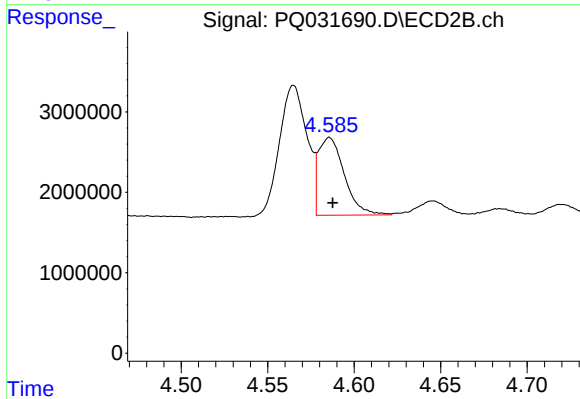
#15 AR-1232-5

R.T.: 0.000 min
Exp R.T. : 6.169 min
Response: 0
Conc: N.D.



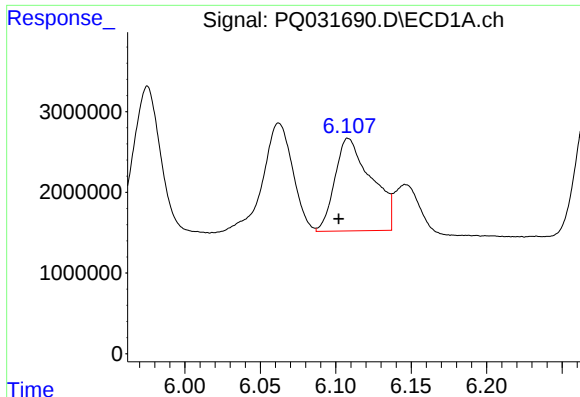
#16 AR-1242-1

R.T.: 5.354 min
Delta R.T.: 0.006 min
Response: 12959958
Conc: 708.81 ng/ml



#16 AR-1242-1

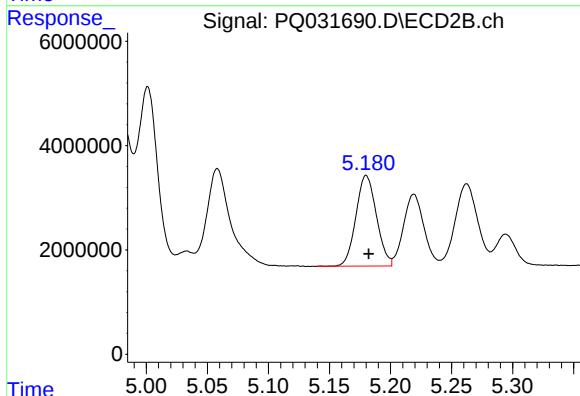
R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 10147444
Conc: 725.45 ng/ml



#17 AR-1242-2

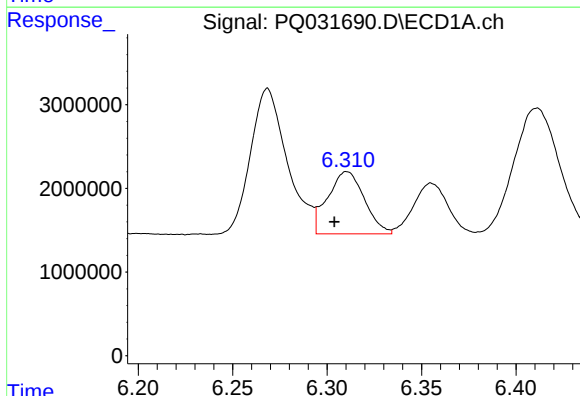
R.T.: 6.108 min
Delta R.T.: 0.006 min
Response: 19371103
Conc: 629.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



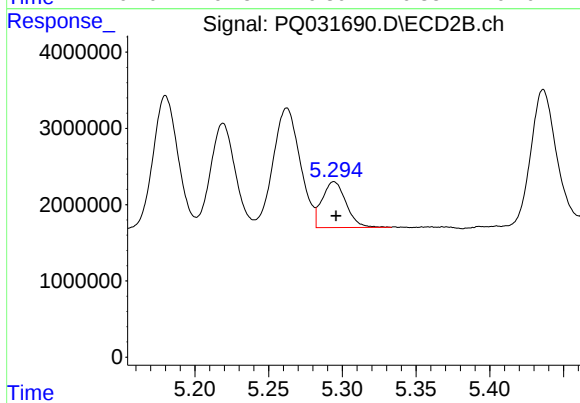
#17 AR-1242-2

R.T.: 5.180 min
Delta R.T.: -0.002 min
Response: 20347927
Conc: 709.09 ng/ml



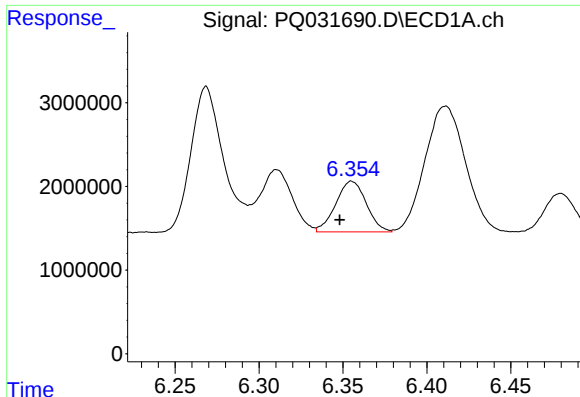
#18 AR-1242-3

R.T.: 6.311 min
Delta R.T.: 0.007 min
Response: 10059542
Conc: 623.97 ng/ml



#18 AR-1242-3

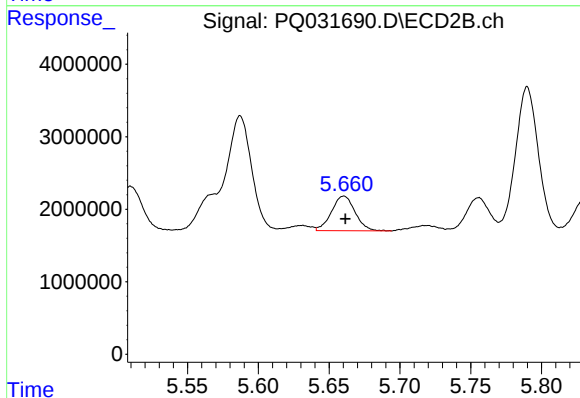
R.T.: 5.294 min
Delta R.T.: -0.001 min
Response: 6820310
Conc: 709.80 ng/ml



#19 AR-1242-4

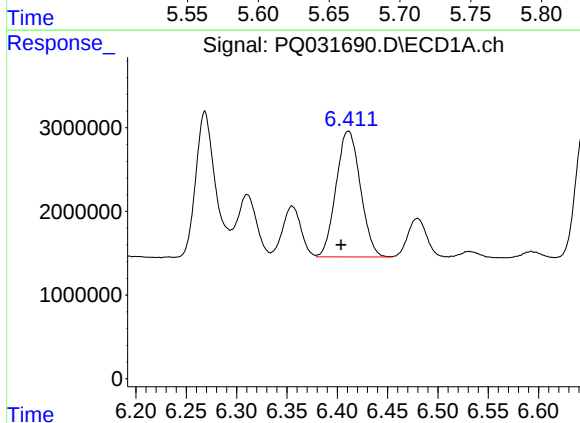
R.T.: 6.355 min
Delta R.T.: 0.007 min
Response: 7680615
Conc: 565.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



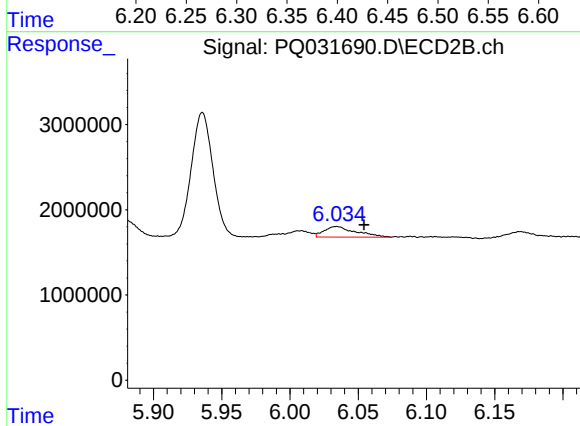
#19 AR-1242-4

R.T.: 5.660 min
Delta R.T.: -0.001 min
Response: 5548115
Conc: 630.80 ng/ml



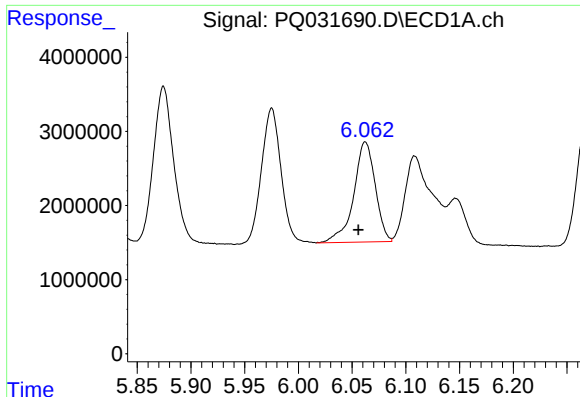
#20 AR-1242-5

R.T.: 6.411 min
Delta R.T.: 0.007 min
Response: 25267010
Conc: 644.33 ng/ml



#20 AR-1242-5

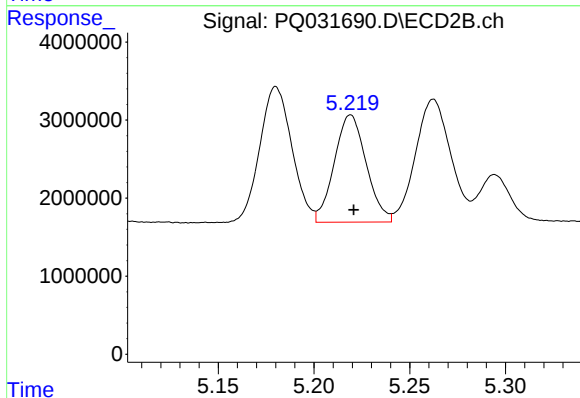
R.T.: 6.034 min
Delta R.T.: -0.020 min
Response: 1981147
Conc: 86.61 ng/ml



#21 AR-1248-1

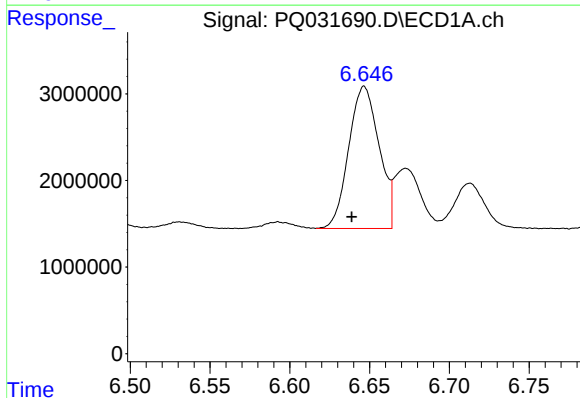
R.T.: 6.062 min
Delta R.T.: 0.006 min
Response: 18866789
Conc: 332.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



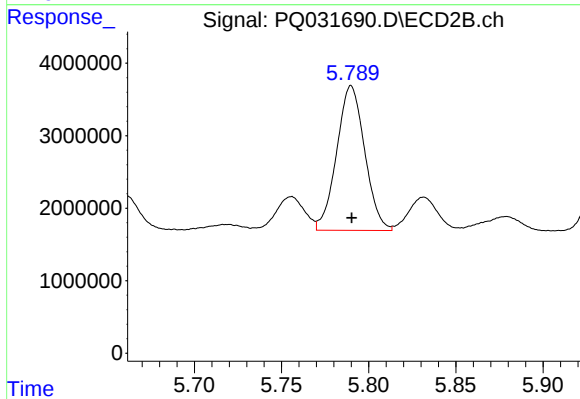
#21 AR-1248-1

R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 15972538
Conc: 338.30 ng/ml



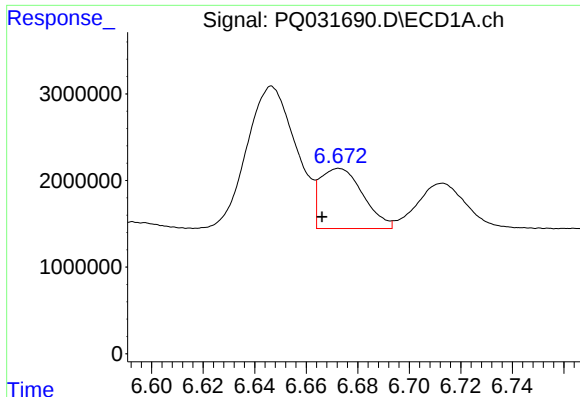
#22 AR-1248-2

R.T.: 6.647 min
Delta R.T.: 0.008 min
Response: 21740246
Conc: 366.00 ng/ml



#22 AR-1248-2

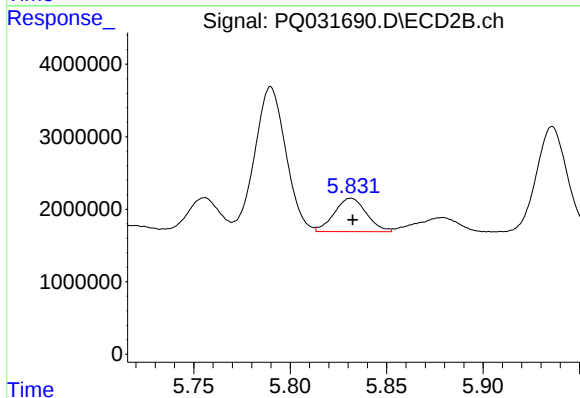
R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 22329522
Conc: 239.57 ng/ml



#23 AR-1248-3

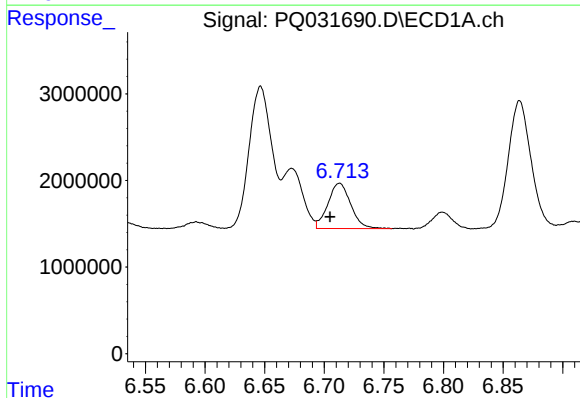
R.T.: 6.673 min
Delta R.T.: 0.007 min
Response: 8026171
Conc: 100.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



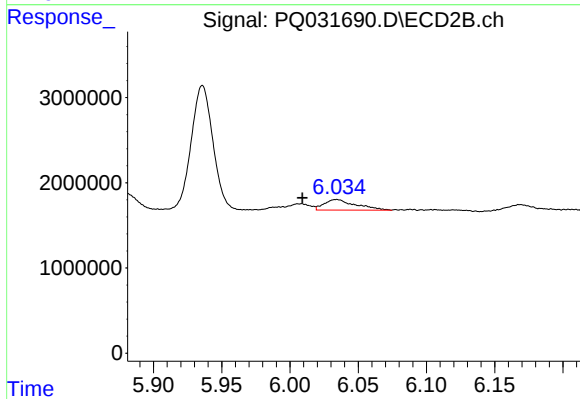
#23 AR-1248-3

R.T.: 5.832 min
Delta R.T.: 0.000 min
Response: 5339528
Conc: 83.54 ng/ml



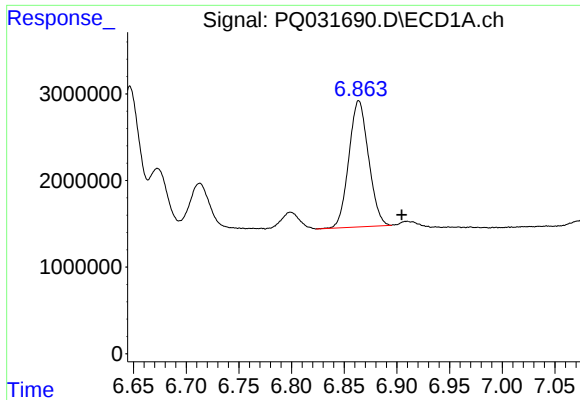
#24 AR-1248-4

R.T.: 6.713 min
Delta R.T.: 0.008 min
Response: 6988869
Conc: 91.82 ng/ml



#24 AR-1248-4

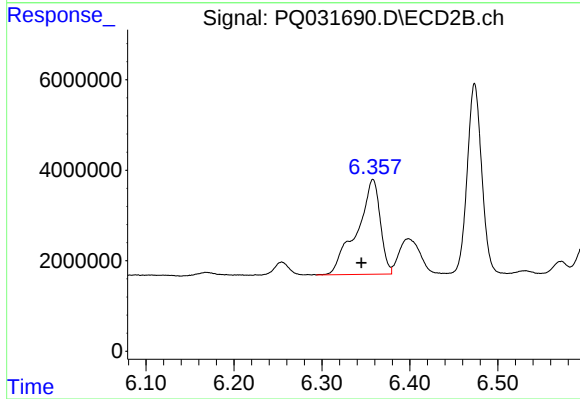
R.T.: 6.034 min
Delta R.T.: 0.025 min
Response: 1981147
Conc: 34.42 ng/ml



#25 AR-1248-5

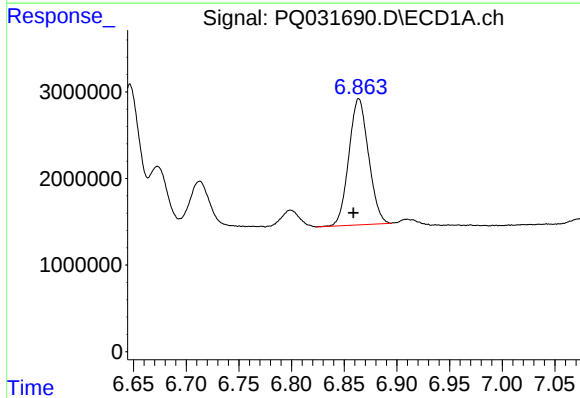
R.T.: 6.864 min
Delta R.T.: -0.041 min
Response: 18961201
Conc: 370.64 ng/ml

Instrument :
ECD_Q
ClientSampleId :



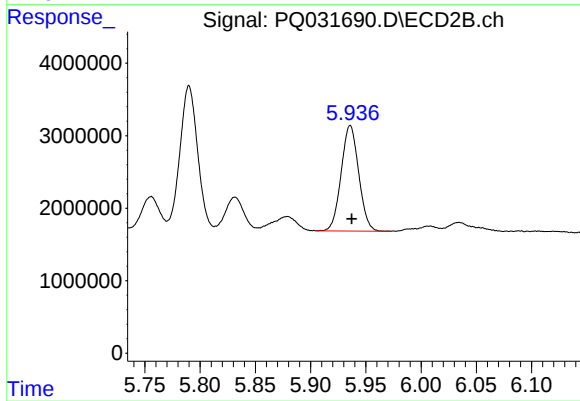
#25 AR-1248-5

R.T.: 6.358 min
Delta R.T.: 0.013 min
Response: 38631674
Conc: 836.47 ng/ml



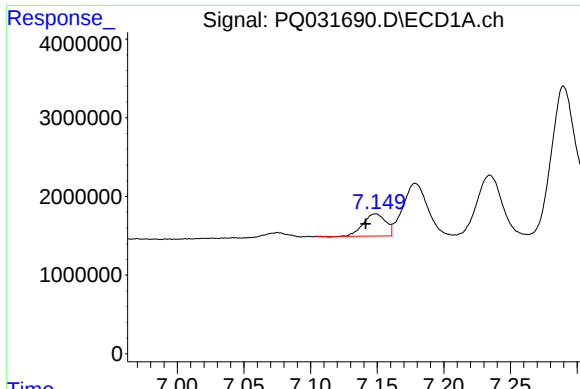
#26 AR-1254-1

R.T.: 6.864 min
Delta R.T.: 0.005 min
Response: 18961201
Conc: 130.72 ng/ml



#26 AR-1254-1

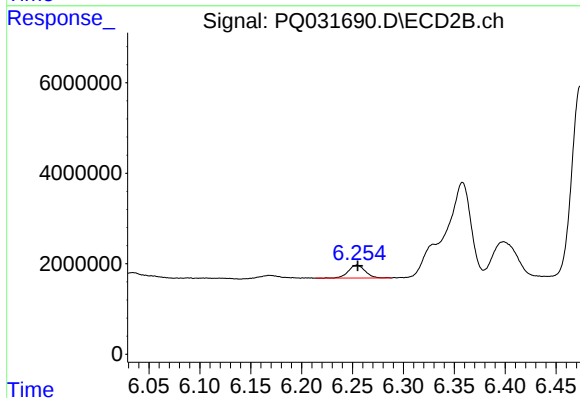
R.T.: 5.936 min
Delta R.T.: -0.001 min
Response: 16109074
Conc: 161.38 ng/ml



#27 AR-1254-2

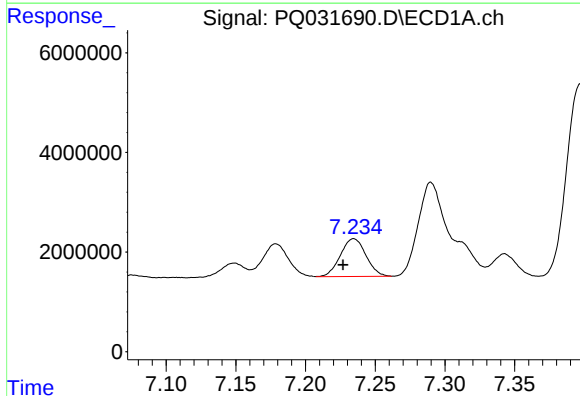
R.T.: 7.149 min
Delta R.T.: 0.008 min
Response: 3344112
Conc: 37.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



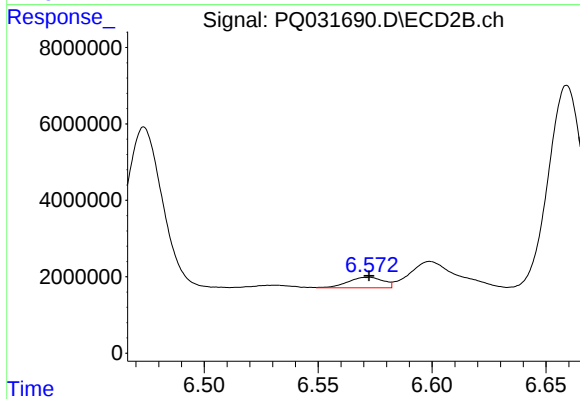
#27 AR-1254-2

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 3264306
Conc: 37.23 ng/ml



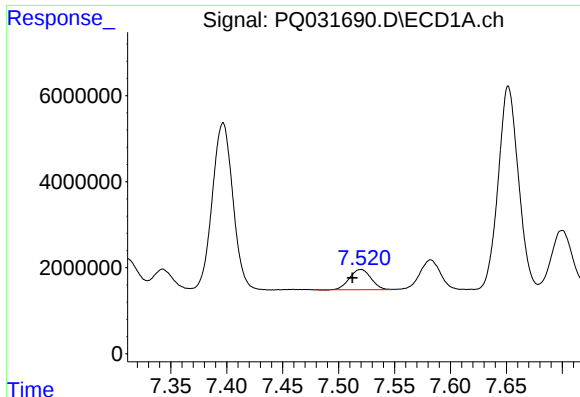
#28 AR-1254-3

R.T.: 7.235 min
Delta R.T.: 0.008 min
Response: 9664273
Conc: 58.97 ng/ml



#28 AR-1254-3

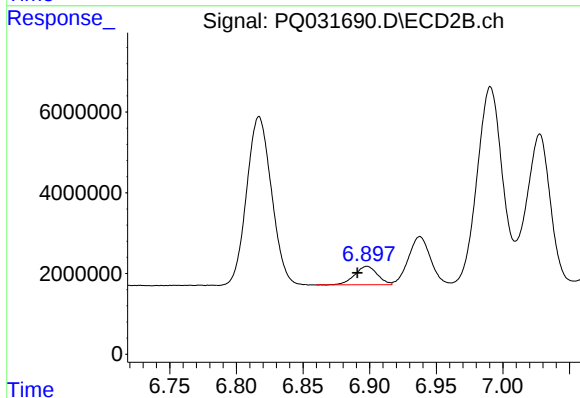
R.T.: 6.572 min
Delta R.T.: 0.000 min
Response: 2968865
Conc: 25.69 ng/ml



#29 AR-1254-4

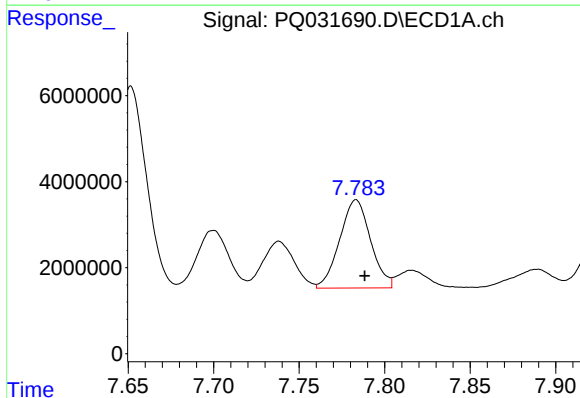
R.T.: 7.520 min
Delta R.T.: 0.008 min
Response: 6349077
Conc: 51.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



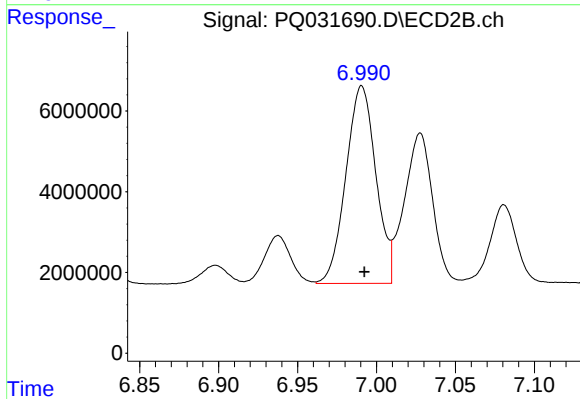
#29 AR-1254-4

R.T.: 6.898 min
Delta R.T.: 0.007 min
Response: 5442107
Conc: 65.54 ng/ml



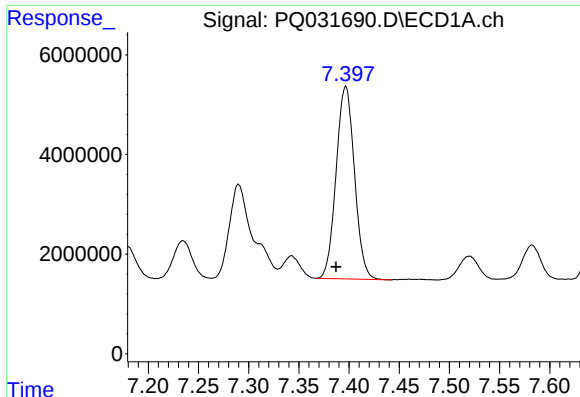
#30 AR-1254-5

R.T.: 7.783 min
Delta R.T.: -0.005 min
Response: 25809260
Conc: 271.98 ng/ml



#30 AR-1254-5

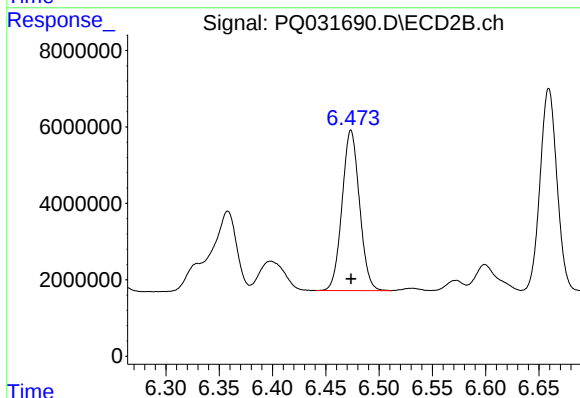
R.T.: 6.991 min
Delta R.T.: -0.002 min
Response: 64717736
Conc: 389.25 ng/ml



#31 AR-1260-1

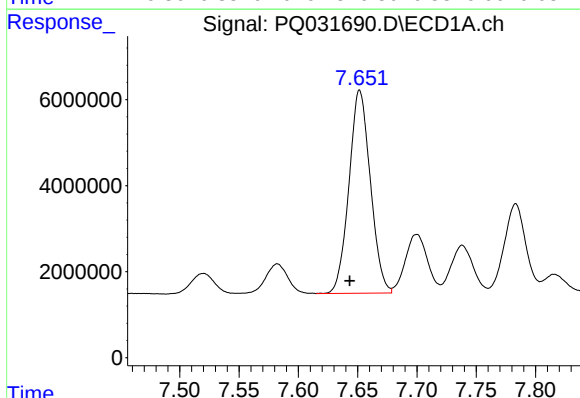
R.T.: 7.397 min
Delta R.T.: 0.010 min
Response: 49159452
Conc: 447.42 ng/ml

Instrument :
ECD_Q
ClientSampleId :



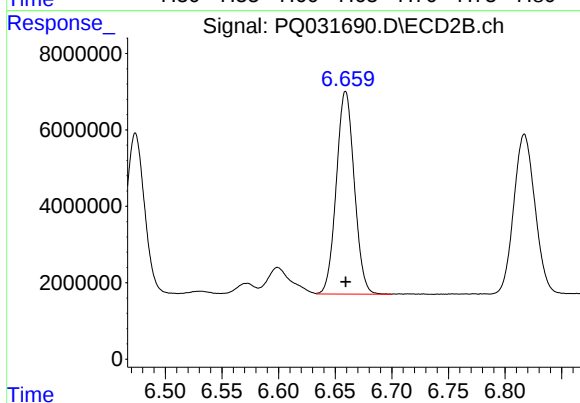
#31 AR-1260-1

R.T.: 6.474 min
Delta R.T.: 0.000 min
Response: 47727731
Conc: 472.54 ng/ml



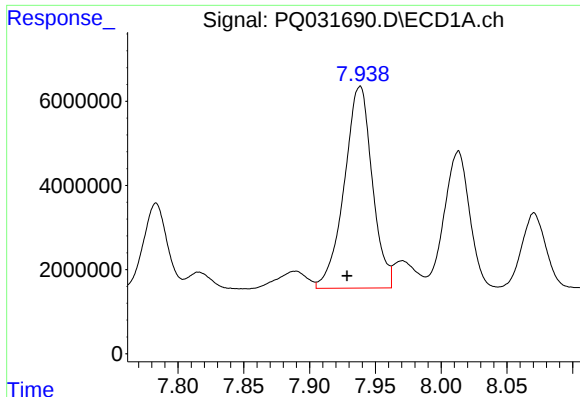
#32 AR-1260-2

R.T.: 7.652 min
Delta R.T.: 0.008 min
Response: 59284933
Conc: 447.47 ng/ml



#32 AR-1260-2

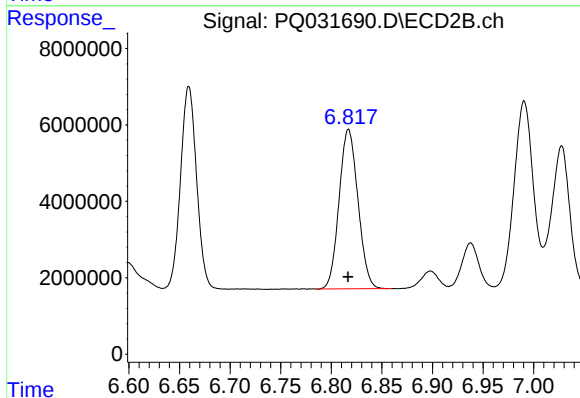
R.T.: 6.659 min
Delta R.T.: 0.000 min
Response: 58626788
Conc: 453.80 ng/ml



#33 AR-1260-3

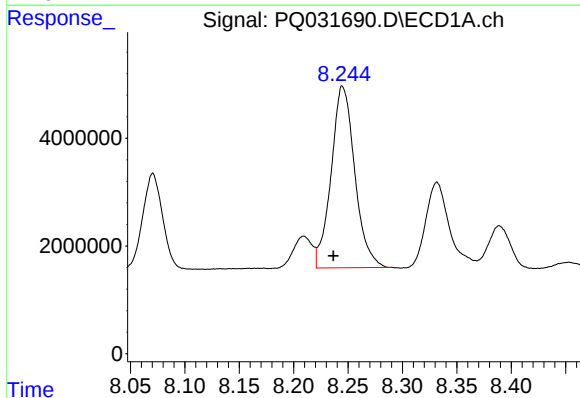
R.T.: 7.938 min
Delta R.T.: 0.010 min
Response: 70941294
Conc: 449.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



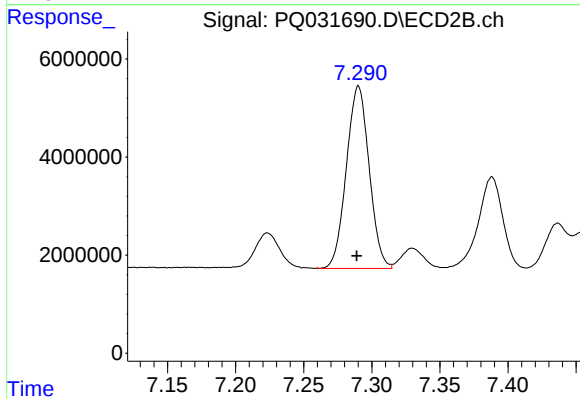
#33 AR-1260-3

R.T.: 6.817 min
Delta R.T.: 0.000 min
Response: 54206239
Conc: 450.78 ng/ml



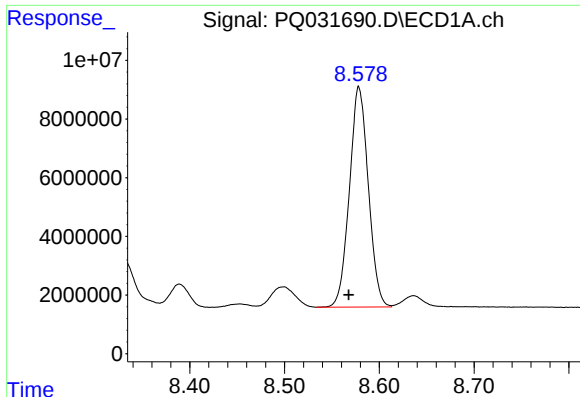
#34 AR-1260-4

R.T.: 8.245 min
Delta R.T.: 0.009 min
Response: 51047813
Conc: 436.53 ng/ml



#34 AR-1260-4

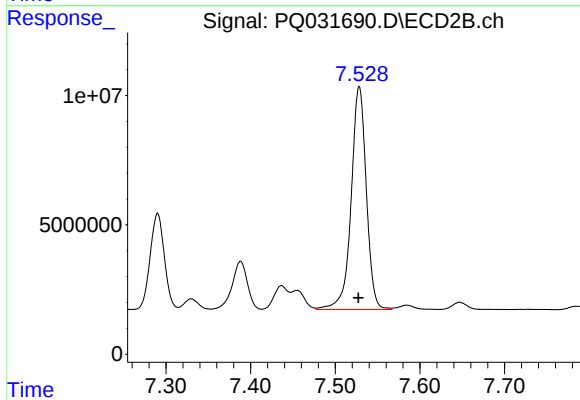
R.T.: 7.290 min
Delta R.T.: 0.001 min
Response: 43310416
Conc: 418.84 ng/ml



#35 AR-1260-5

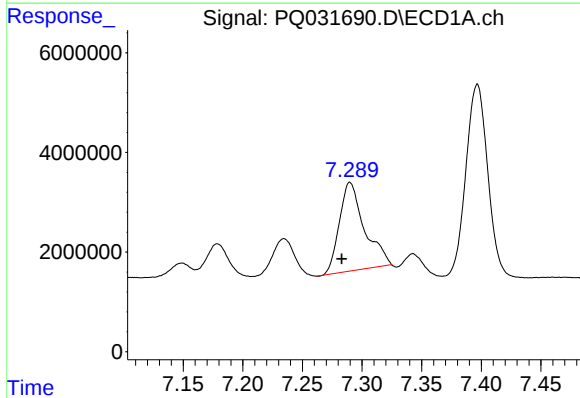
R.T.: 8.578 min
Delta R.T.: 0.011 min
Response: 104223572
Conc: 438.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



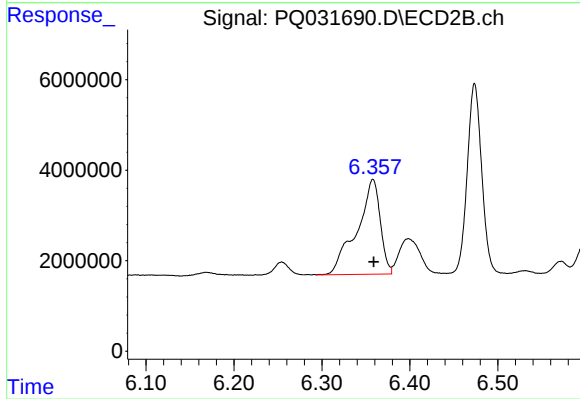
#35 AR-1260-5

R.T.: 7.528 min
Delta R.T.: 0.000 min
Response: 107228861
Conc: 421.10 ng/ml



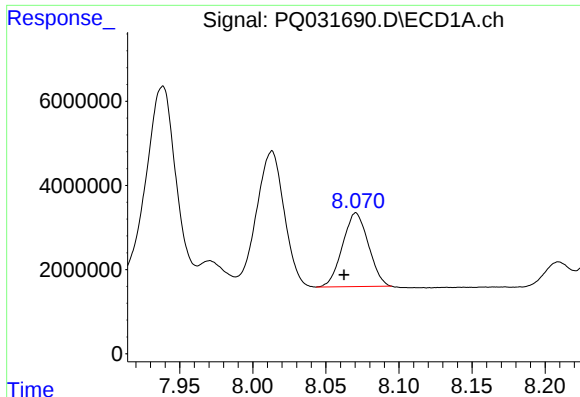
#36 AR-1262-1

R.T.: 7.290 min
Delta R.T.: 0.007 min
Response: 25956247
Conc: 450.64 ng/ml



#36 AR-1262-1

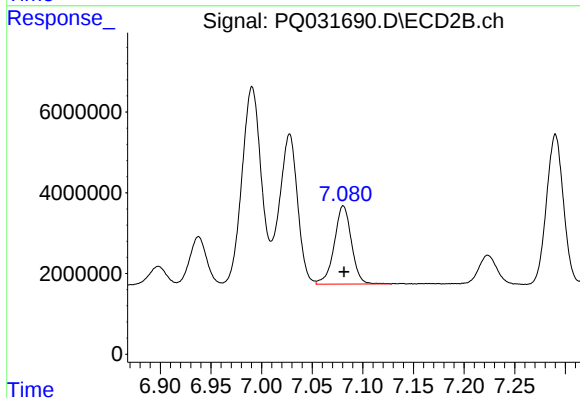
R.T.: 6.358 min
Delta R.T.: 0.000 min
Response: 38631674
Conc: 769.84 ng/ml



#37 AR-1262-2

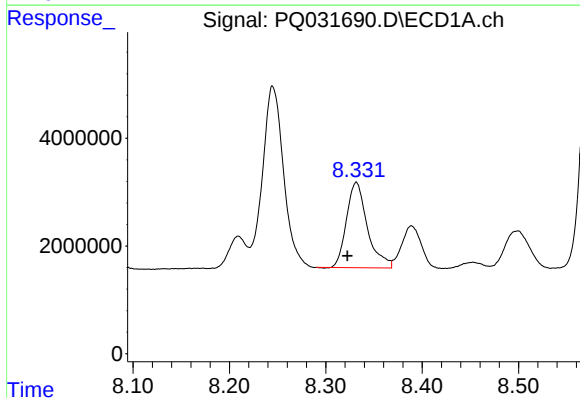
R.T.: 8.071 min
Delta R.T.: 0.008 min
Response: 21593407
Conc: 403.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



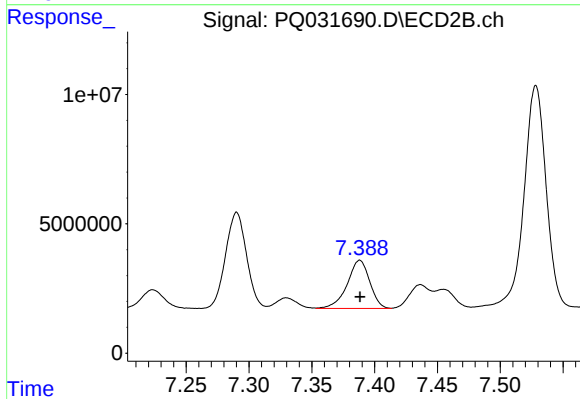
#37 AR-1262-2

R.T.: 7.081 min
Delta R.T.: 0.000 min
Response: 22967570
Conc: 422.02 ng/ml



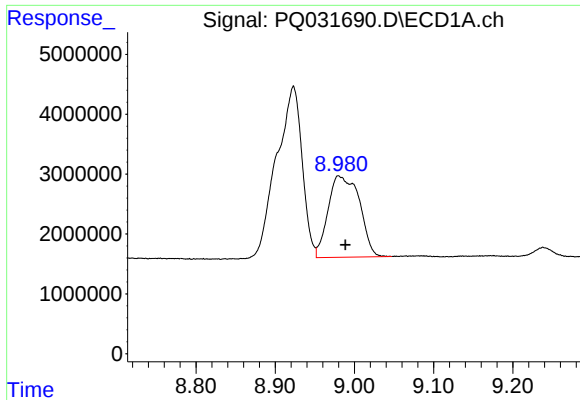
#38 AR-1262-3

R.T.: 8.332 min
Delta R.T.: 0.009 min
Response: 23878470
Conc: 390.35 ng/ml



#38 AR-1262-3

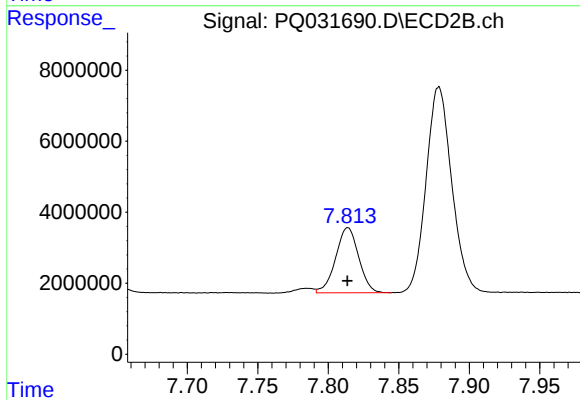
R.T.: 7.388 min
Delta R.T.: 0.000 min
Response: 23249725
Conc: 374.90 ng/ml



#39 AR-1262-4

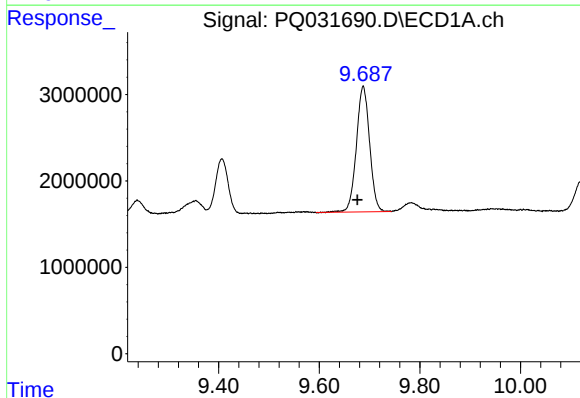
R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 37378436
Conc: 291.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



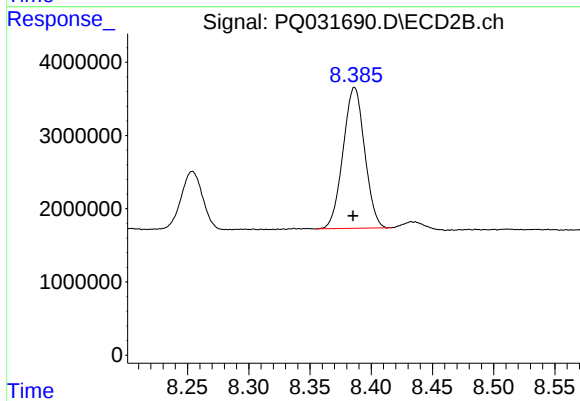
#39 AR-1262-4

R.T.: 7.814 min
Delta R.T.: 0.000 min
Response: 20852751
Conc: 199.10 ng/ml



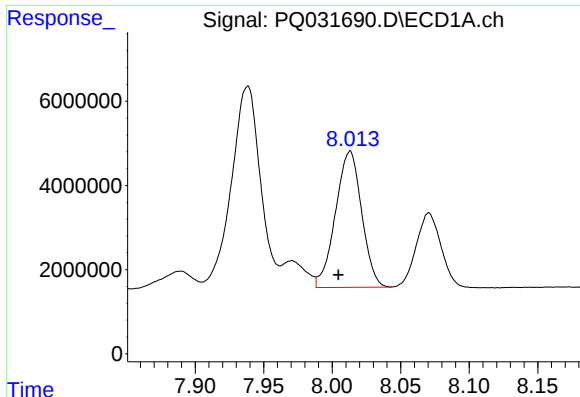
#40 AR-1262-5

R.T.: 9.687 min
Delta R.T.: 0.011 min
Response: 26588008
Conc: 275.78 ng/ml



#40 AR-1262-5

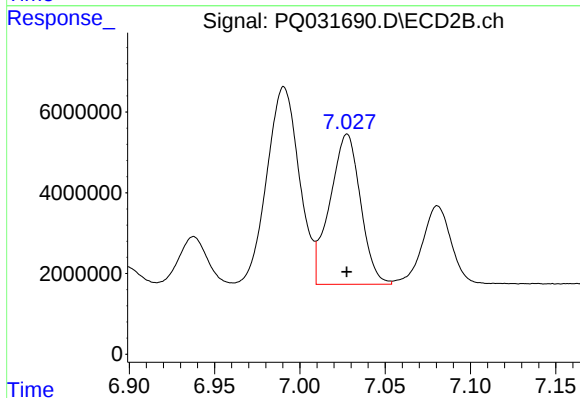
R.T.: 8.386 min
Delta R.T.: 0.001 min
Response: 23585424
Conc: 249.28 ng/ml



#41 AR-1268-1

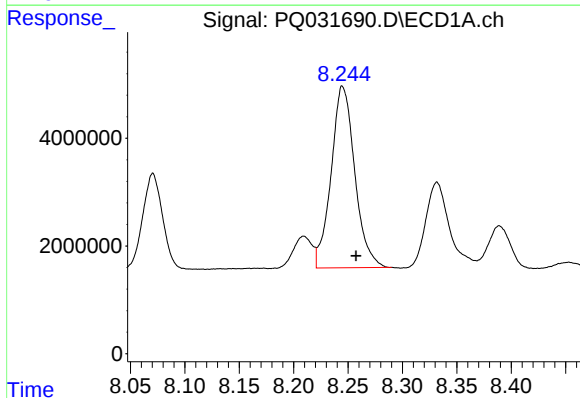
R.T.: 8.013 min
Delta R.T.: 0.008 min
Response: 43041430
Conc: 810.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



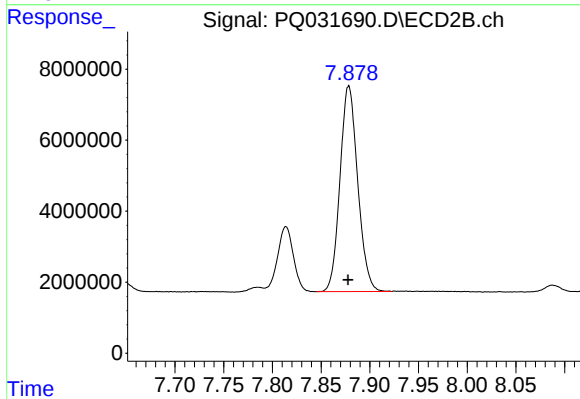
#41 AR-1268-1

R.T.: 7.028 min
Delta R.T.: 0.000 min
Response: 46530845
Conc: 864.13 ng/ml



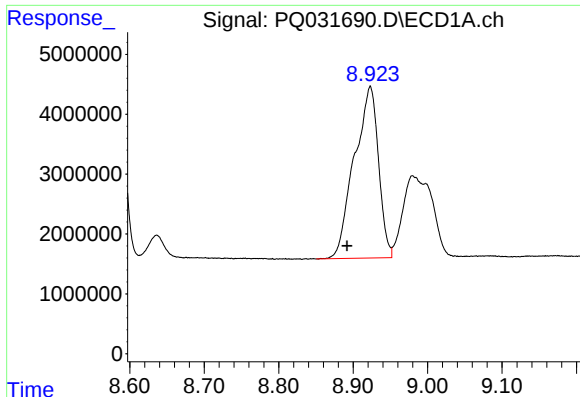
#42 AR-1268-2

R.T.: 8.245 min
Delta R.T.: -0.012 min
Response: 51047813
Conc: 731.40 ng/ml



#42 AR-1268-2

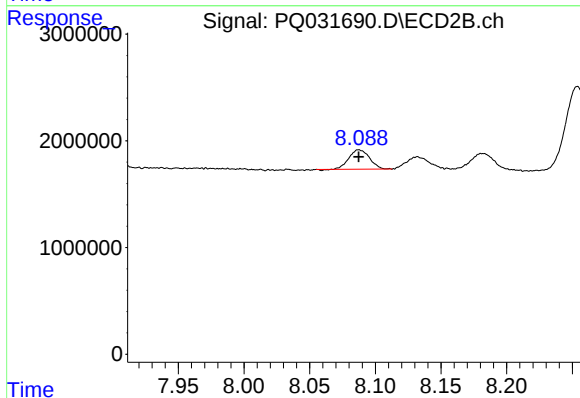
R.T.: 7.878 min
Delta R.T.: 0.000 min
Response: 73371760
Conc: 242.73 ng/ml



#43 AR-1268-3

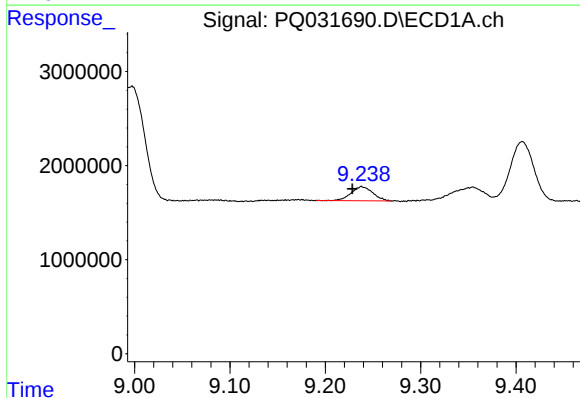
R.T.: 8.923 min
Delta R.T.: 0.031 min
Response: 64533884
Conc: 198.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



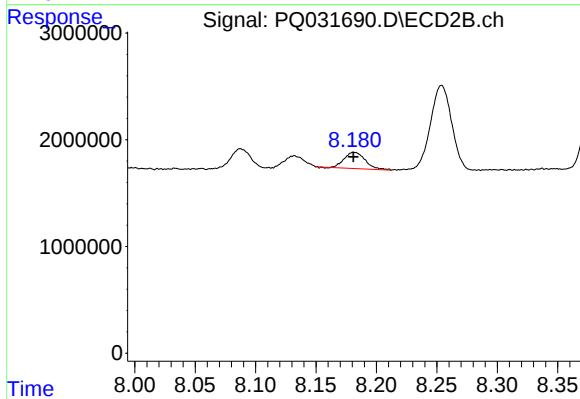
#43 AR-1268-3

R.T.: 8.088 min
Delta R.T.: 0.000 min
Response: 1981102
Conc: 7.92 ng/ml



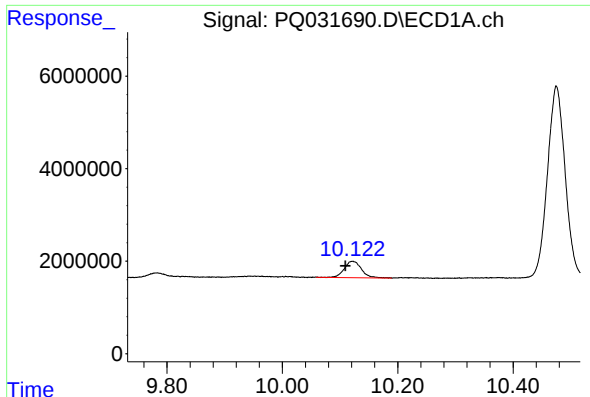
#44 AR-1268-4

R.T.: 9.238 min
Delta R.T.: 0.010 min
Response: 2370159
Conc: 9.48 ng/ml



#44 AR-1268-4

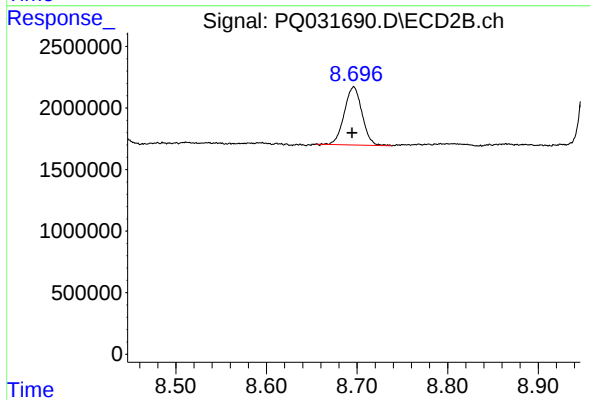
R.T.: 8.182 min
Delta R.T.: 0.000 min
Response: 1839494
Conc: 27.34 ng/ml



#45 AR-1268-5

R.T.: 10.122 min
Delta R.T.: 0.012 min
Response: 7266867
Conc: 8.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.696 min
Delta R.T.: 0.002 min
Response: 6413740
Conc: 7.62 ng/ml