

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121318\
 Data File : PQ035453.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Dec 2018 17:04
 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: Dec 14 00:50:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 12 22:07:58 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...	4.439	3.747	168.5E6	92776434	43.077	41.522
2)	SA Decachlor...	10.151	8.733	168.9E6	97815566	57.290	55.342
Target Compounds							
3)	L1 AR-1016-1	5.604	4.827	57622100	34012421	450.357	441.123
4)	L1 AR-1016-2	5.627	4.844	85678718	50527349	446.732	446.516
5)	L1 AR-1016-3	5.688	5.021	50297567	26250299	439.474	449.496
6)	L1 AR-1016-4	5.789	5.061	41484911	21499257	435.639	457.229
7)	L1 AR-1016-5	6.081	5.274	42057228	27651508	461.987	450.439
8)	L2 AR-1221-1	4.645	3.957	4669889	3206044	136.698	157.135
9)	L2 AR-1221-2	4.736	4.046	7378470	3930434	289.615	265.916
10)	L2 AR-1221-3	4.812	4.120	26787778	15692503	321.890	323.020
11)	L3 AR-1232-1	4.812	4.120	26787778	15692503	368.379	356.393
12)	L3 AR-1232-2	5.338	4.844	38882497	50527349	1008.936	1029.860
13)	L3 AR-1232-3	5.627	5.021	85678718	26250299	1047.809	1027.349
14)	L3 AR-1232-4	5.789	5.102	41484911	25575508	1036.024	1120.930
15)	L3 AR-1232-5	5.875	5.274	36540577	27651508	1153.844	1107.065
16)	L4 AR-1242-1	5.604	4.827	57622100	34012421	597.249	574.797
17)	L4 AR-1242-2	5.627	4.844	85678718	50527349	590.537	586.781
18)	L4 AR-1242-3	5.688	5.021	50297567	26250299	581.367	582.882
19)	L4 AR-1242-4	5.789	5.102	41484911	25575508	599.666	577.565
20)	L4 AR-1242-5	6.523	5.622	11484768	30977221	146.391	561.288 #
21)	L5 AR-1248-1	5.604	4.827	57622100	34012421	872.984	862.060
22)	L5 AR-1248-2	5.875	5.061	36540577	21499257	385.510	396.125
23)	L5 AR-1248-3	6.081	5.102	42057228	25575508	402.500	458.321
24)	L5 AR-1248-4	6.484	5.274	13857979	27651508	112.531	399.444 #
25)	L5 AR-1248-5	6.523	5.663	11484768	6548142	98.166	92.905
26)	L6 AR-1254-1	6.457	5.622	43031169	30977221	282.666	232.234
27)	L6 AR-1254-2	6.672	5.768	41548607	24073505	175.600	208.340
28)	L6 AR-1254-3	7.042	6.182	24942416	42612593	97.144	220.724 #
29)	L6 AR-1254-4	7.326	6.399	15938099	6427983	87.903	53.413 #
30)	L6 AR-1254-5	7.746	6.813	141.0E6	90221536	718.920	553.974
31)	L7 AR-1260-1	7.202	6.298	88102855	58900524	477.776	468.255
32)	L7 AR-1260-2	7.459	6.486	108.9E6	74642117	501.230	494.276
33)	L7 AR-1260-3	7.818	6.639	68599944	68760347	512.085	492.078
34)	L7 AR-1260-4	8.046	7.108	87437890	47745474	530.535	514.190
35)	L7 AR-1260-5	8.367	7.350	167.0E6	122.8E6	560.252	547.245
36)	L8 AR-1262-1	7.818	6.847	68599944	52355339	313.134	341.148
37)	L8 AR-1262-2	8.367	7.350	167.0E6	122.8E6	443.431	460.165
38)	L8 AR-1262-3	8.697	7.629	103.0E6	20962802	428.417	201.987 #
39)	L8 AR-1262-4	8.748	7.695	56289318	85397870	311.562	461.002 #
40)	L8 AR-1262-5	9.420	8.193	36883803	22278017	323.874	300.132
41)	L9 AR-1268-1	8.697	7.629	103.0E6	20962802	213.449	62.864 #

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

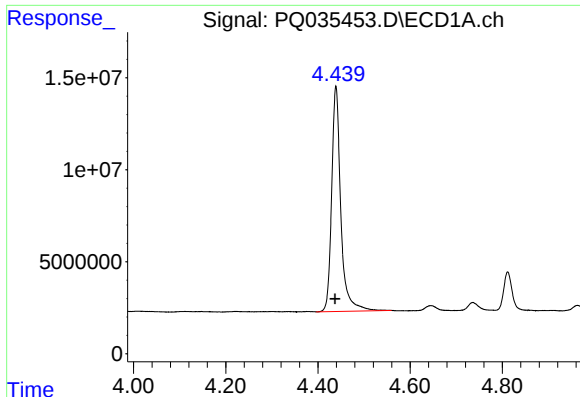
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 14 00:50:09 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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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	8.748	7.695	56289318	85397870	130.462	288.160 #
43) L9	AR-1268-3	8.991	7.896	2282897	1672538	6.041	6.843
44) L9	AR-1268-4	9.420	8.193	36883803	22278017	269.044	238.809
45) L9	AR-1268-5	9.825	8.483	9636946	5649470	8.325	7.734

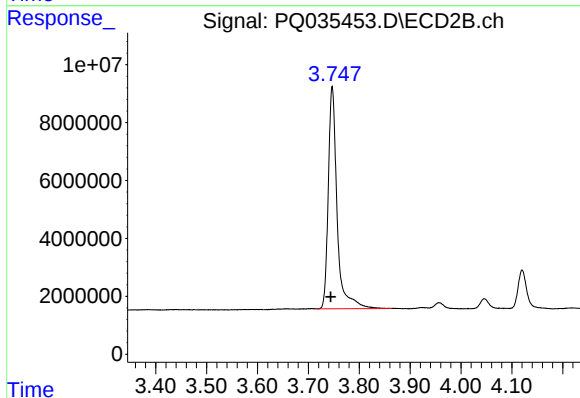
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

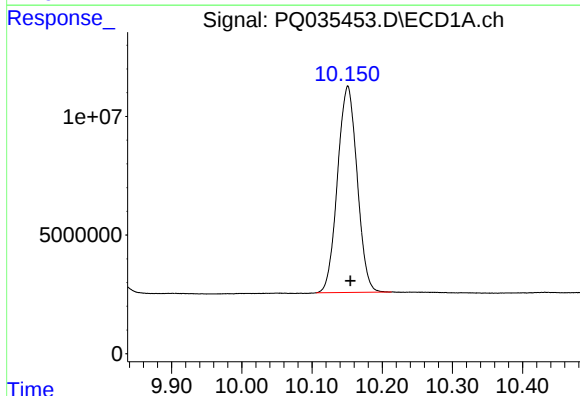
R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 168546152
Conc: 43.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



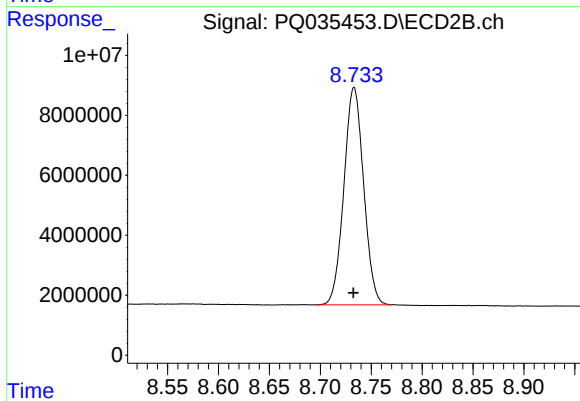
#1 Tetrachloro-m-xylene

R.T.: 3.747 min
Delta R.T.: 0.003 min
Response: 92776434
Conc: 41.52 ng/ml



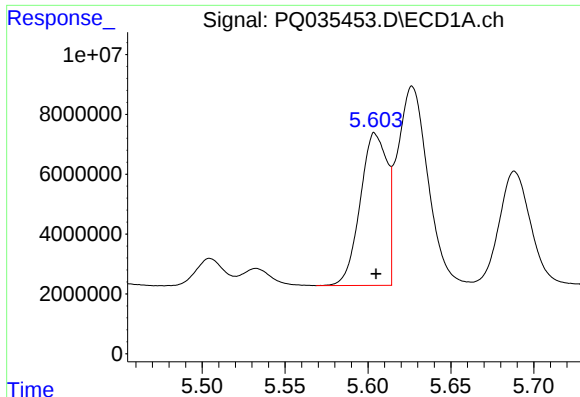
#2 Decachlorobiphenyl

R.T.: 10.151 min
Delta R.T.: -0.004 min
Response: 168866814
Conc: 57.29 ng/ml



#2 Decachlorobiphenyl

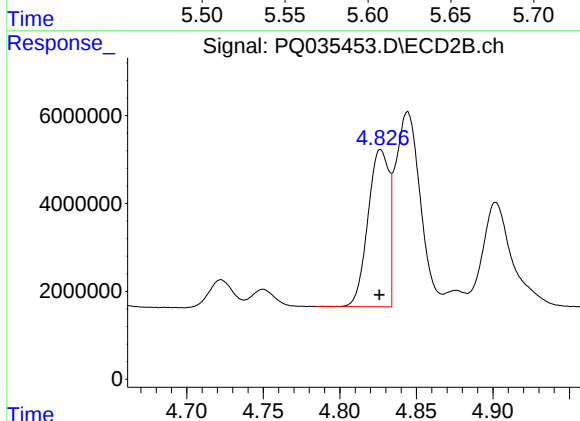
R.T.: 8.733 min
Delta R.T.: 0.000 min
Response: 97815566
Conc: 55.34 ng/ml



#3 AR-1016-1

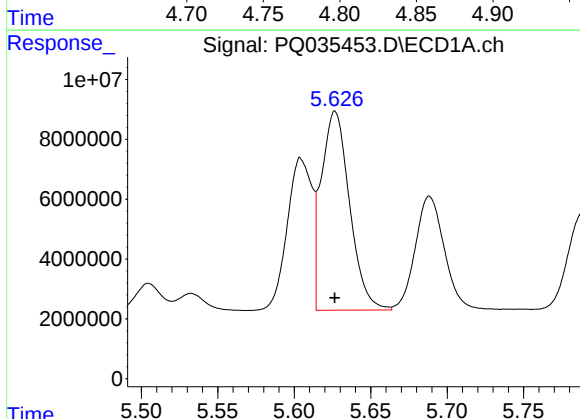
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 57622100
Conc: 450.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



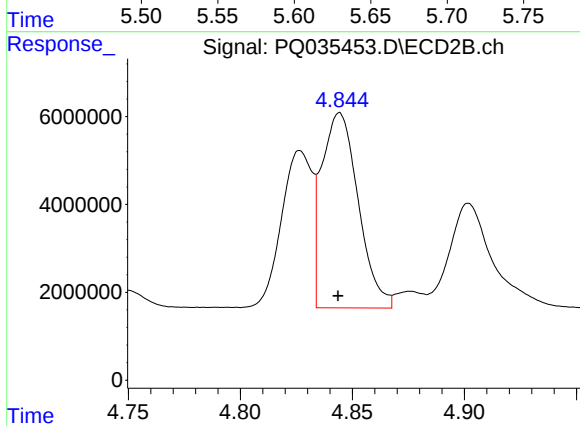
#3 AR-1016-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 34012421
Conc: 441.12 ng/ml



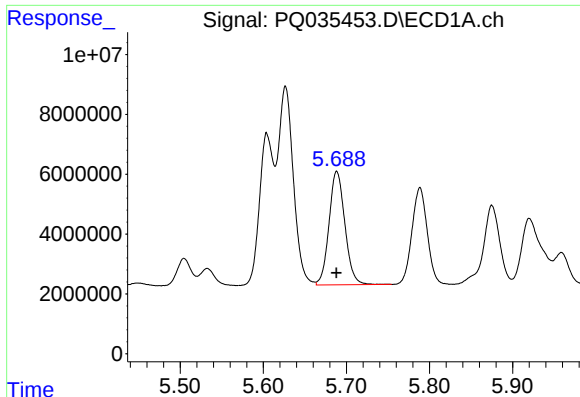
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 85678718
Conc: 446.73 ng/ml



#4 AR-1016-2

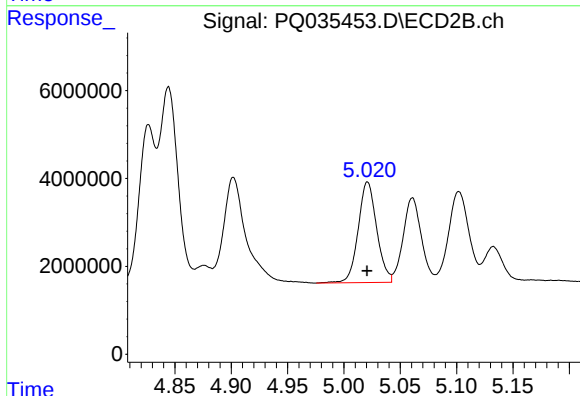
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 50527349
Conc: 446.52 ng/ml



#5 AR-1016-3

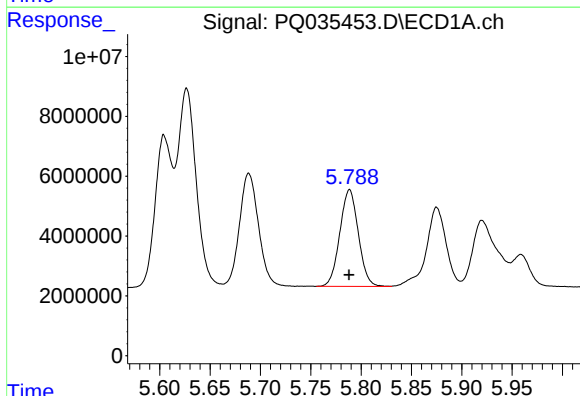
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 50297567
Conc: 439.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



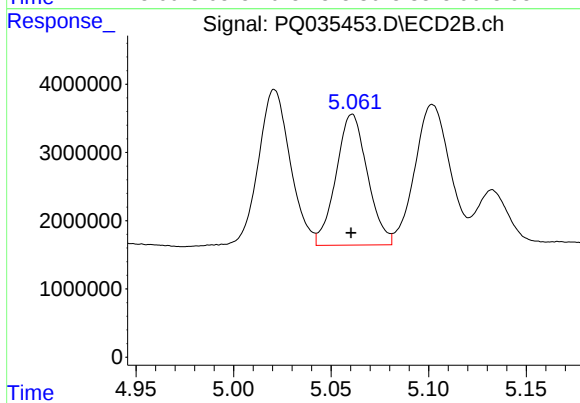
#5 AR-1016-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 26250299
Conc: 449.50 ng/ml



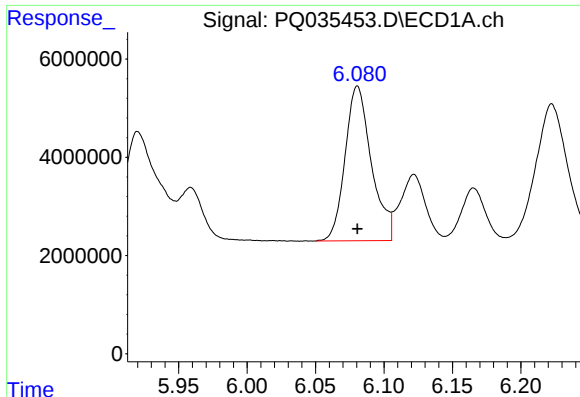
#6 AR-1016-4

R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 41484911
Conc: 435.64 ng/ml



#6 AR-1016-4

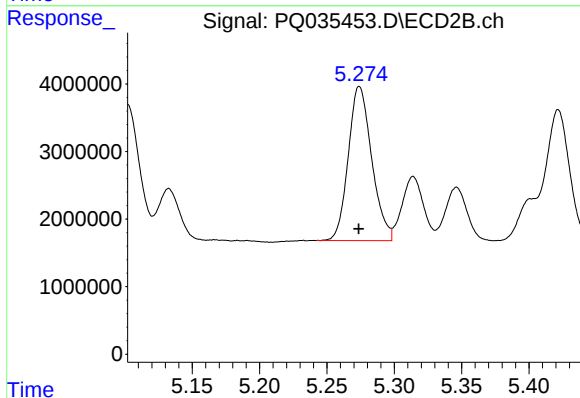
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 21499257
Conc: 457.23 ng/ml



#7 AR-1016-5

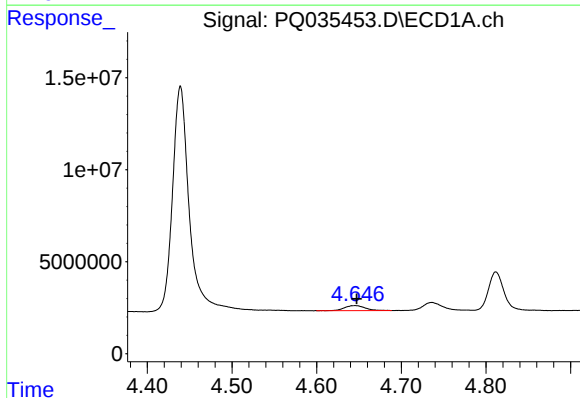
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 42057228
Conc: 461.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



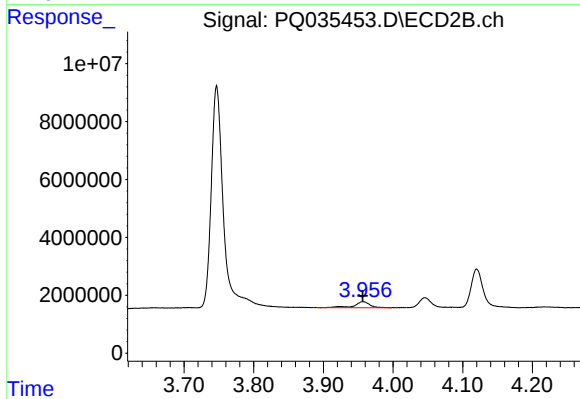
#7 AR-1016-5

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 27651508
Conc: 450.44 ng/ml



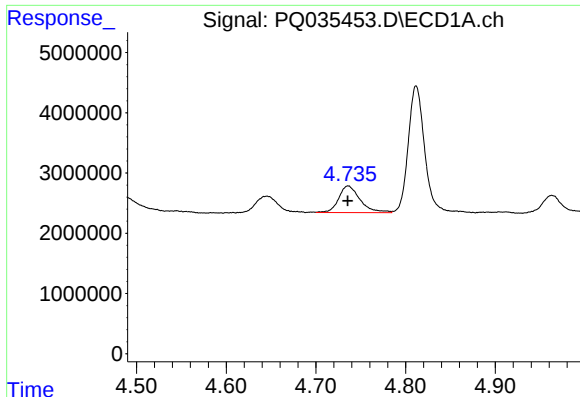
#8 AR-1221-1

R.T.: 4.645 min
Delta R.T.: -0.002 min
Response: 4669889
Conc: 136.70 ng/ml



#8 AR-1221-1

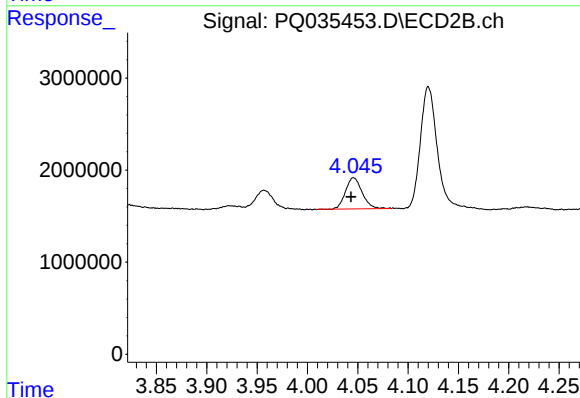
R.T.: 3.957 min
Delta R.T.: 0.000 min
Response: 3206044
Conc: 157.14 ng/ml



#9 AR-1221-2

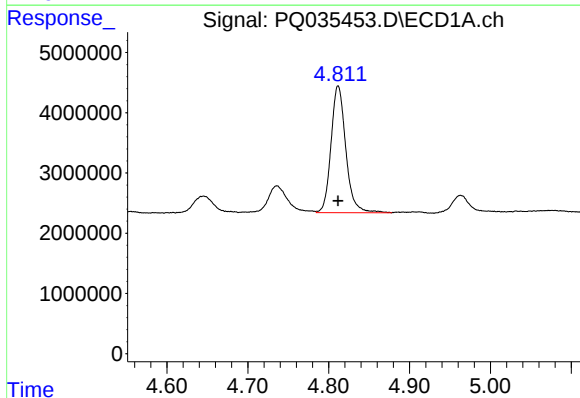
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 7378470
Conc: 289.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



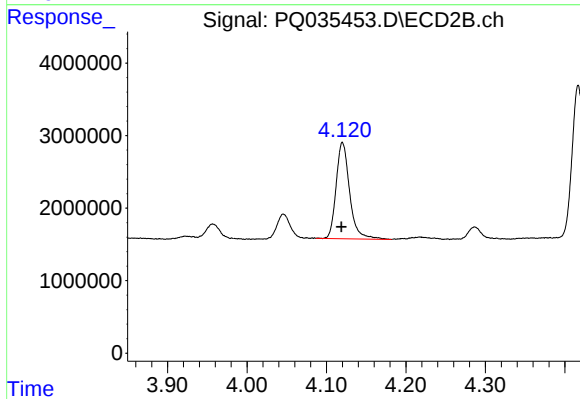
#9 AR-1221-2

R.T.: 4.046 min
Delta R.T.: 0.003 min
Response: 3930434
Conc: 265.92 ng/ml



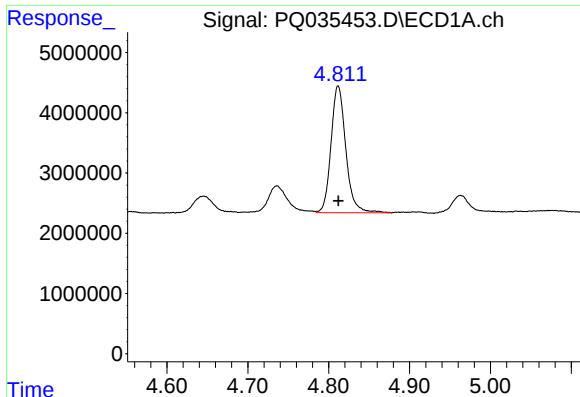
#10 AR-1221-3

R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 26787778
Conc: 321.89 ng/ml



#10 AR-1221-3

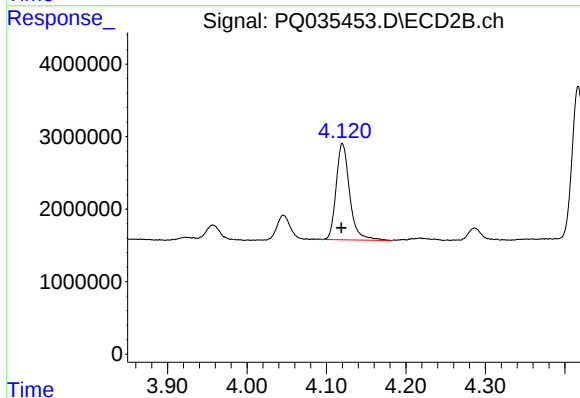
R.T.: 4.120 min
Delta R.T.: 0.001 min
Response: 15692503
Conc: 323.02 ng/ml



#11 AR-1232-1

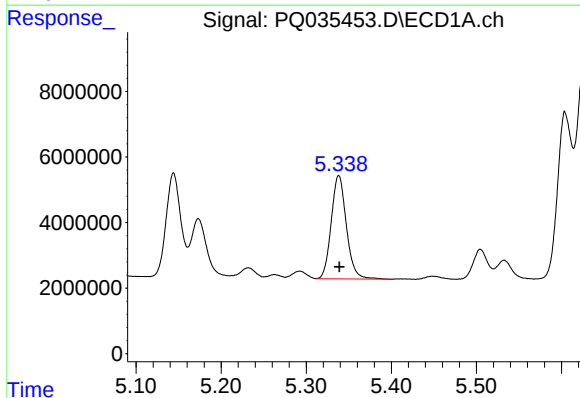
R.T.: 4.812 min
Delta R.T.: 0.000 min
Response: 26787778
Conc: 368.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



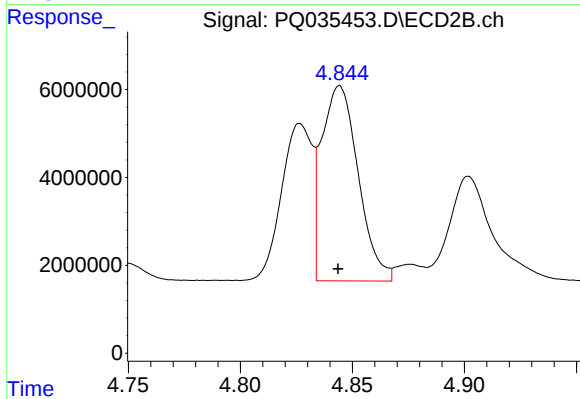
#11 AR-1232-1

R.T.: 4.120 min
Delta R.T.: 0.002 min
Response: 15692503
Conc: 356.39 ng/ml



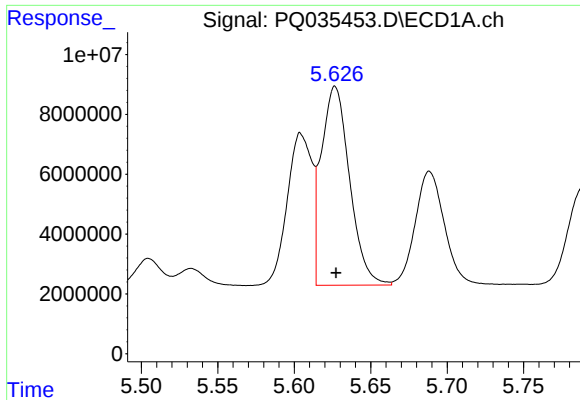
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 38882497
Conc: 1008.94 ng/ml



#12 AR-1232-2

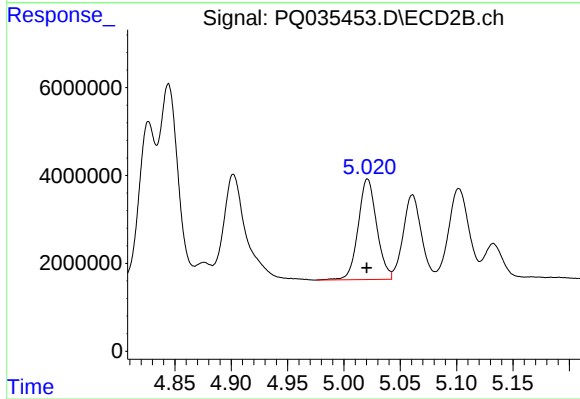
R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 50527349
Conc: 1029.86 ng/ml



#13 AR-1232-3

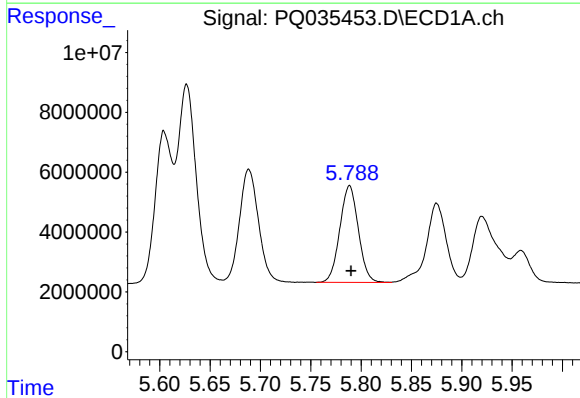
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 85678718
Conc: 1047.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



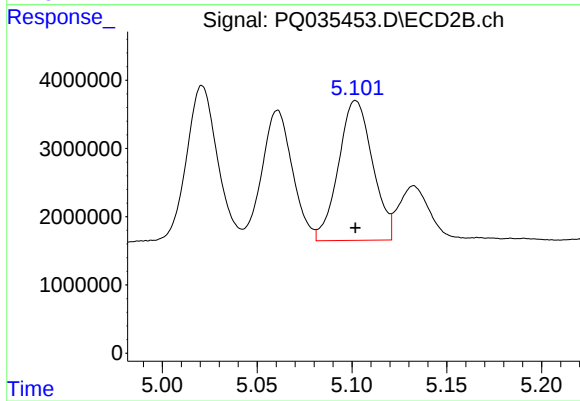
#13 AR-1232-3

R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 26250299
Conc: 1027.35 ng/ml



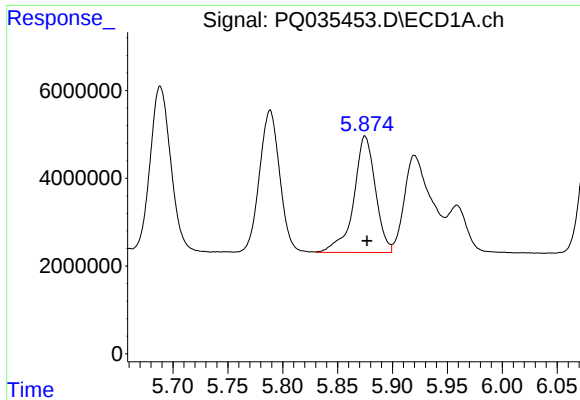
#14 AR-1232-4

R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 41484911
Conc: 1036.02 ng/ml



#14 AR-1232-4

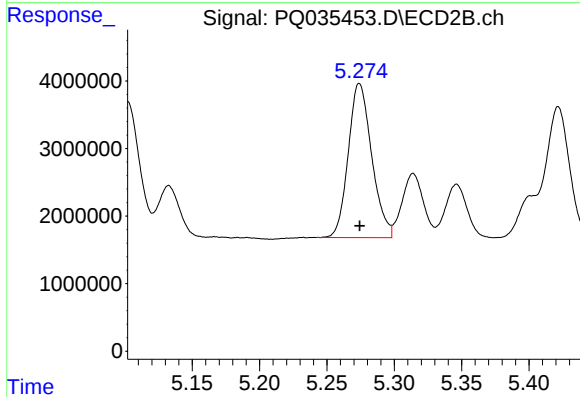
R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25575508
Conc: 1120.93 ng/ml



#15 AR-1232-5

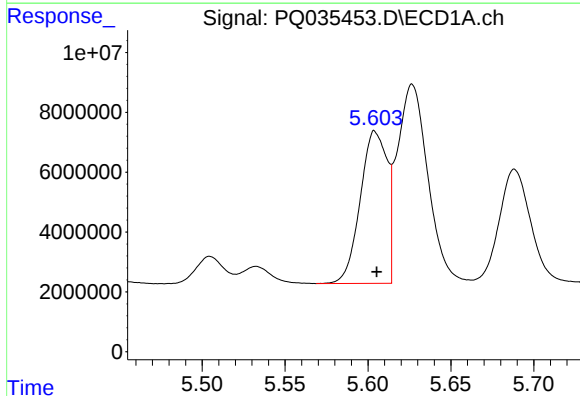
R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 36540577
Conc: 1153.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



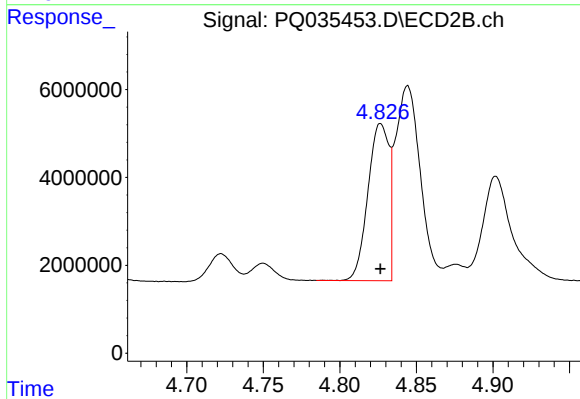
#15 AR-1232-5

R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 27651508
Conc: 1107.06 ng/ml



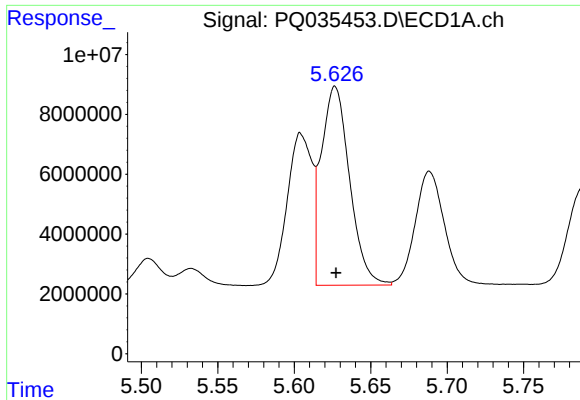
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 57622100
Conc: 597.25 ng/ml



#16 AR-1242-1

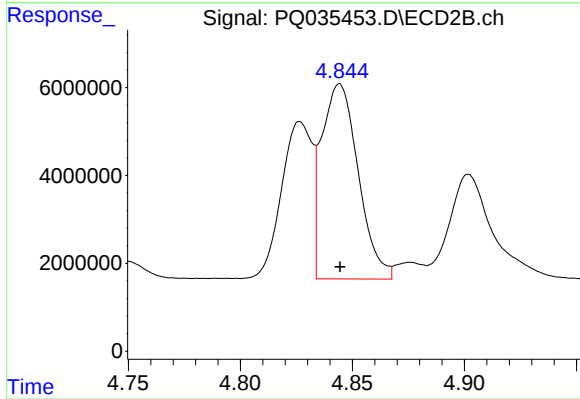
R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 34012421
Conc: 574.80 ng/ml



#17 AR-1242-2

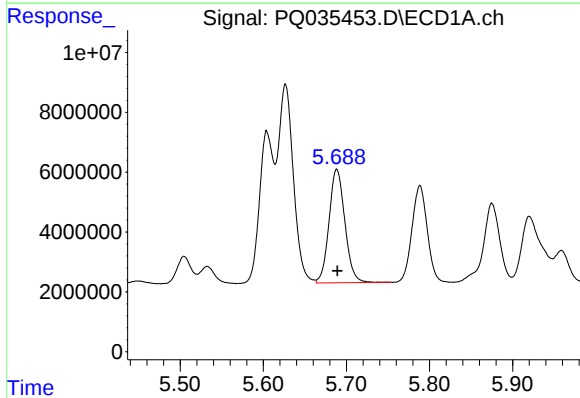
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 85678718
Conc: 590.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



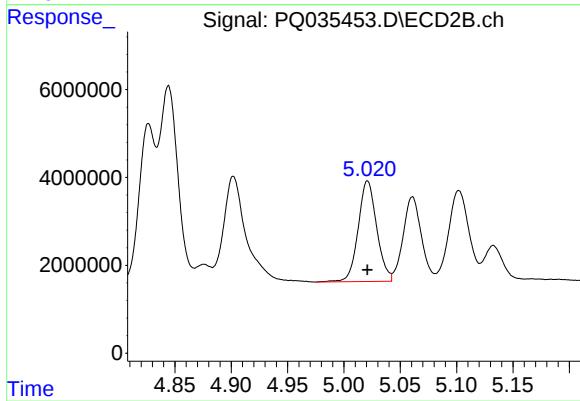
#17 AR-1242-2

R.T.: 4.844 min
Delta R.T.: 0.000 min
Response: 50527349
Conc: 586.78 ng/ml



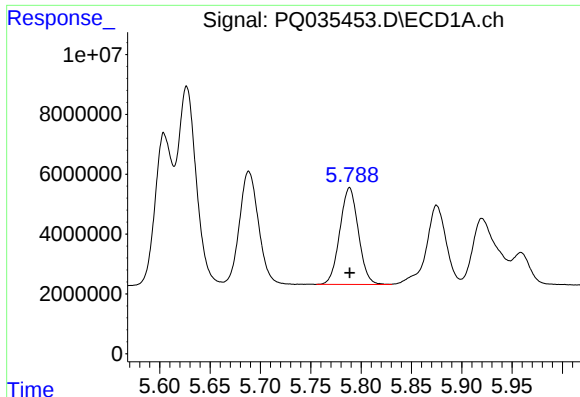
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 50297567
Conc: 581.37 ng/ml



#18 AR-1242-3

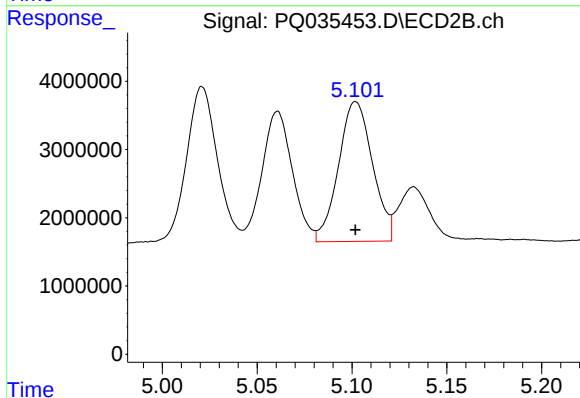
R.T.: 5.021 min
Delta R.T.: 0.000 min
Response: 26250299
Conc: 582.88 ng/ml



#19 AR-1242-4

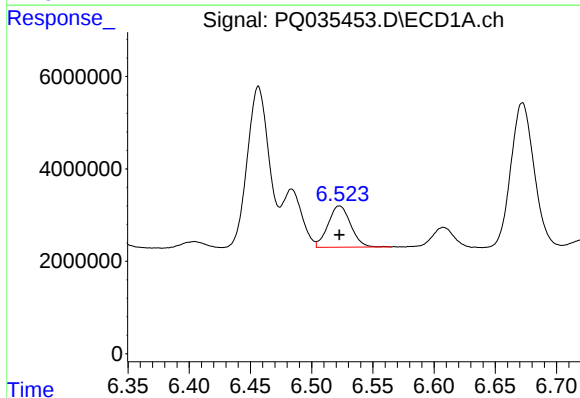
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 41484911
Conc: 599.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



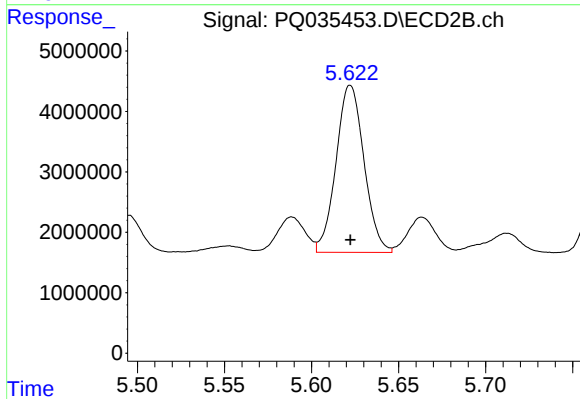
#19 AR-1242-4

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25575508
Conc: 577.56 ng/ml



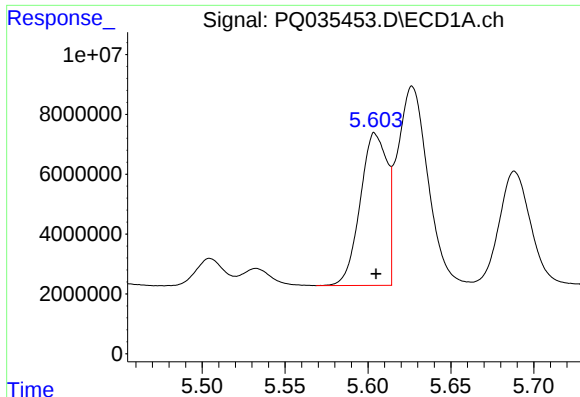
#20 AR-1242-5

R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 11484768
Conc: 146.39 ng/ml



#20 AR-1242-5

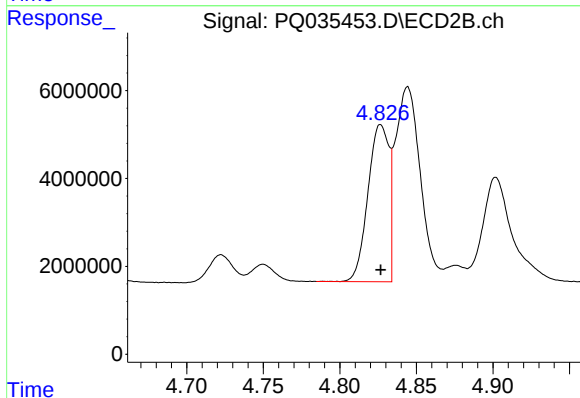
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 30977221
Conc: 561.29 ng/ml



#21 AR-1248-1

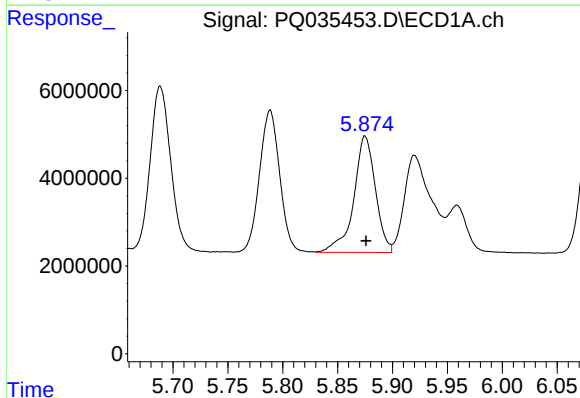
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 57622100
Conc: 872.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



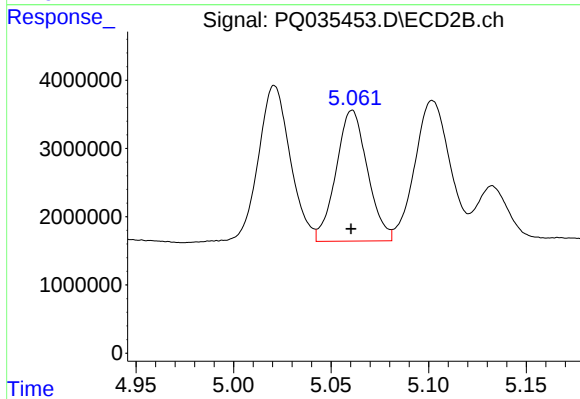
#21 AR-1248-1

R.T.: 4.827 min
Delta R.T.: 0.000 min
Response: 34012421
Conc: 862.06 ng/ml



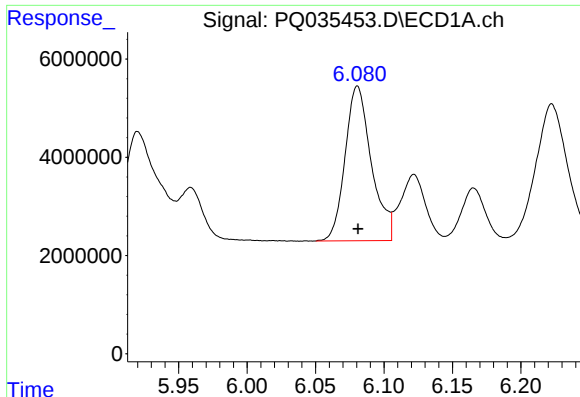
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: 0.000 min
Response: 36540577
Conc: 385.51 ng/ml



#22 AR-1248-2

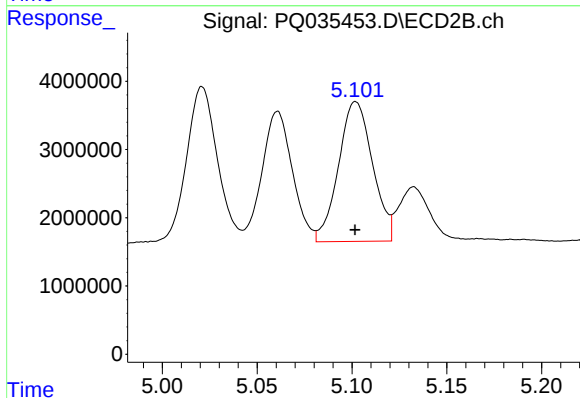
R.T.: 5.061 min
Delta R.T.: 0.000 min
Response: 21499257
Conc: 396.12 ng/ml



#23 AR-1248-3

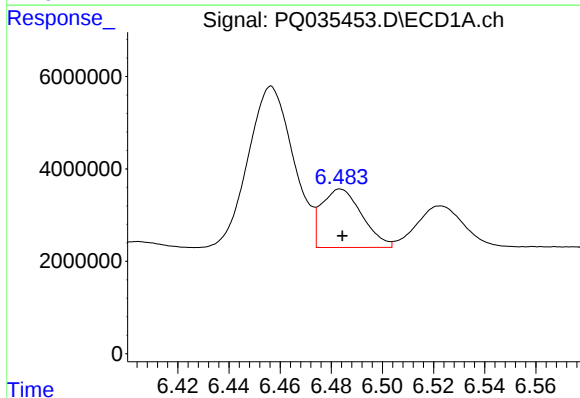
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 42057228
Conc: 402.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



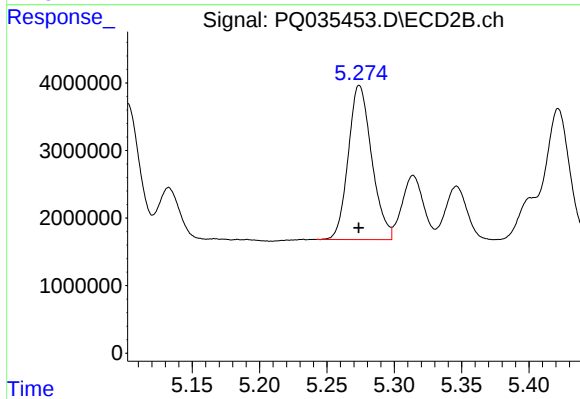
#23 AR-1248-3

R.T.: 5.102 min
Delta R.T.: 0.000 min
Response: 25575508
Conc: 458.32 ng/ml



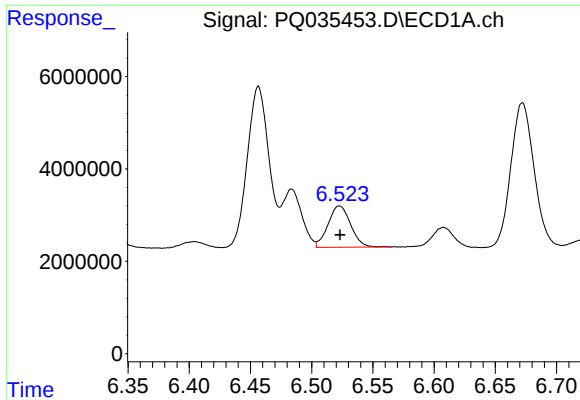
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 13857979
Conc: 112.53 ng/ml



#24 AR-1248-4

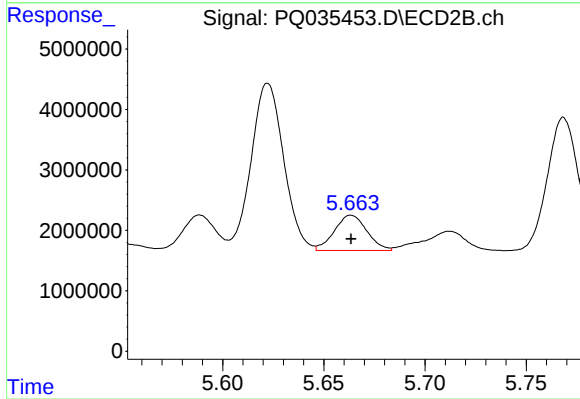
R.T.: 5.274 min
Delta R.T.: 0.000 min
Response: 27651508
Conc: 399.44 ng/ml



#25 AR-1248-5

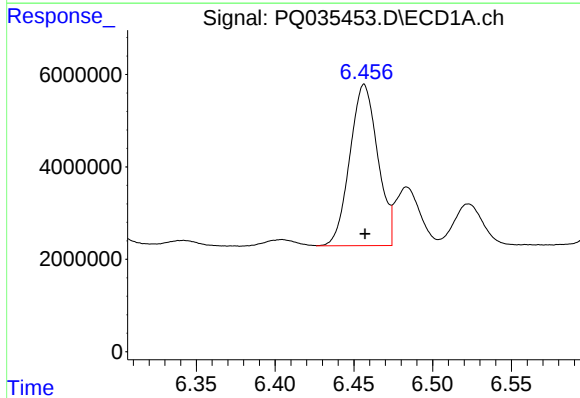
R.T.: 6.523 min
Delta R.T.: 0.000 min
Response: 11484768
Conc: 98.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



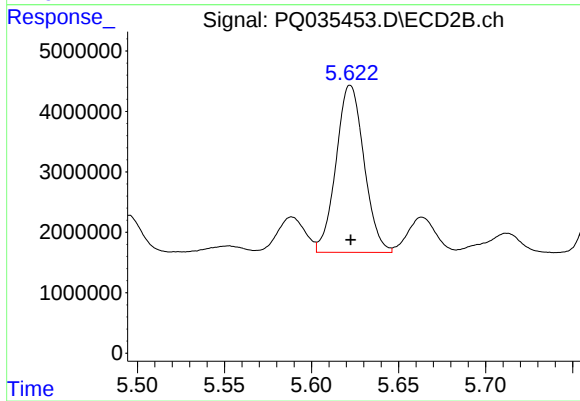
#25 AR-1248-5

R.T.: 5.663 min
Delta R.T.: 0.000 min
Response: 6548142
Conc: 92.90 ng/ml



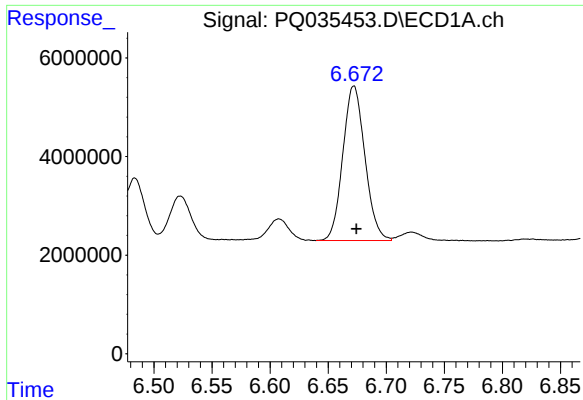
#26 AR-1254-1

R.T.: 6.457 min
Delta R.T.: 0.000 min
Response: 43031169
Conc: 282.67 ng/ml



#26 AR-1254-1

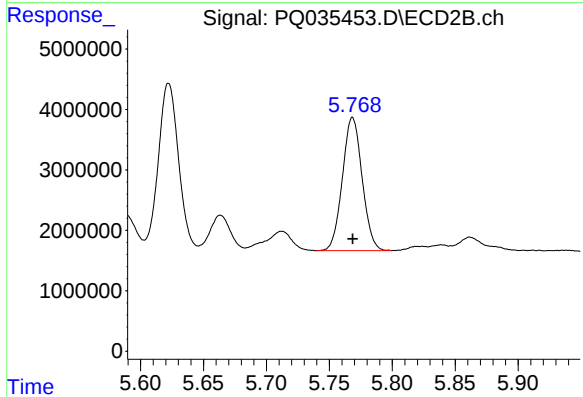
R.T.: 5.622 min
Delta R.T.: 0.000 min
Response: 30977221
Conc: 232.23 ng/ml



#27 AR-1254-2

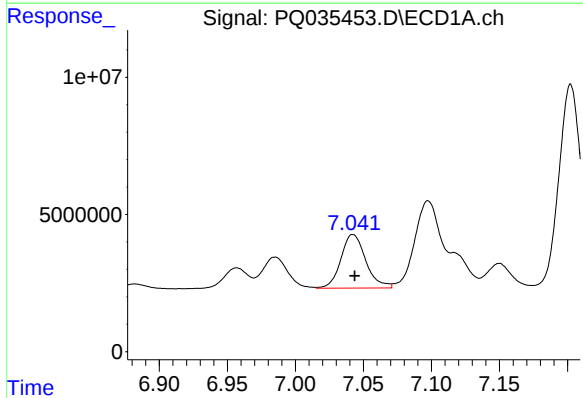
R.T.: 6.672 min
Delta R.T.: -0.002 min
Response: 41548607
Conc: 175.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



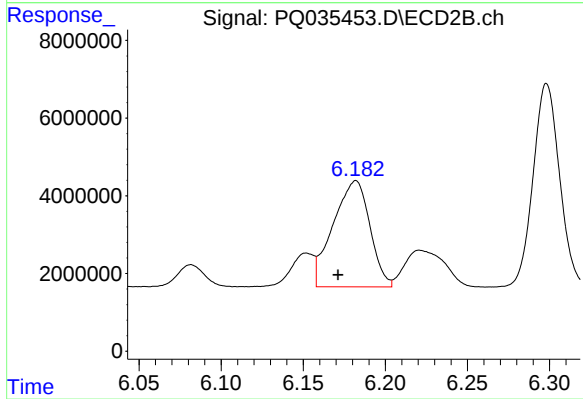
#27 AR-1254-2

R.T.: 5.768 min
Delta R.T.: 0.000 min
Response: 24073505
Conc: 208.34 ng/ml



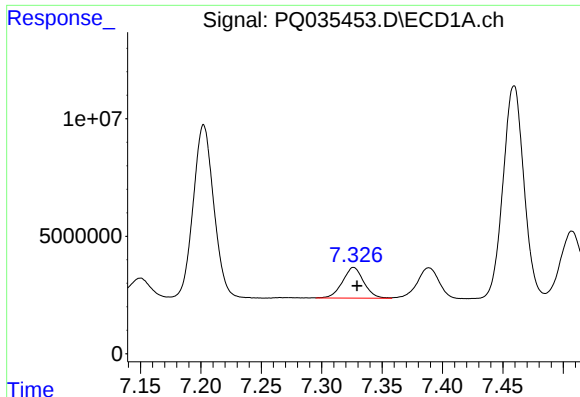
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: -0.001 min
Response: 24942416
Conc: 97.14 ng/ml



#28 AR-1254-3

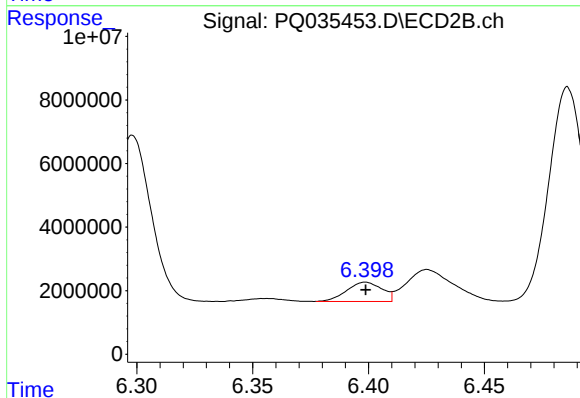
R.T.: 6.182 min
Delta R.T.: 0.011 min
Response: 42612593
Conc: 220.72 ng/ml



#29 AR-1254-4

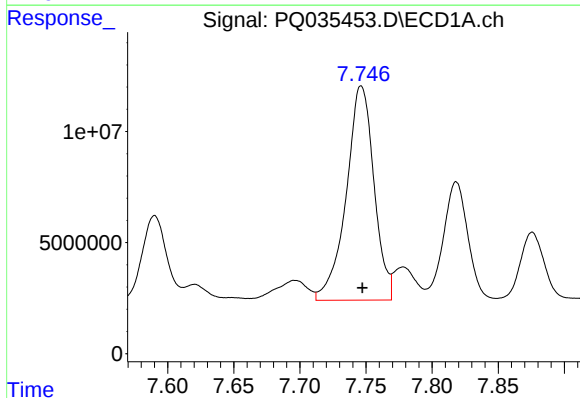
R.T.: 7.326 min
Delta R.T.: -0.003 min
Response: 15938099
Conc: 87.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



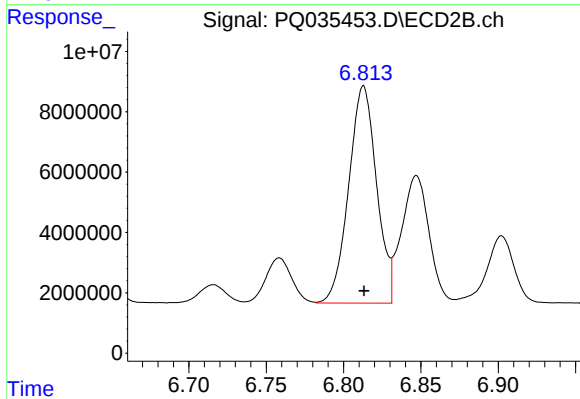
#29 AR-1254-4

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 6427983
Conc: 53.41 ng/ml



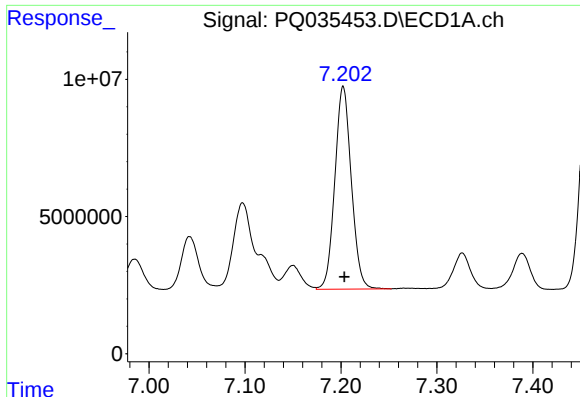
#30 AR-1254-5

R.T.: 7.746 min
Delta R.T.: -0.001 min
Response: 141016781
Conc: 718.92 ng/ml



#30 AR-1254-5

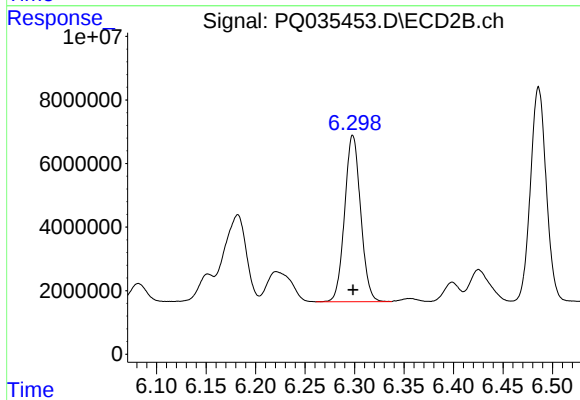
R.T.: 6.813 min
Delta R.T.: 0.000 min
Response: 90221536
Conc: 553.97 ng/ml



#31 AR-1260-1

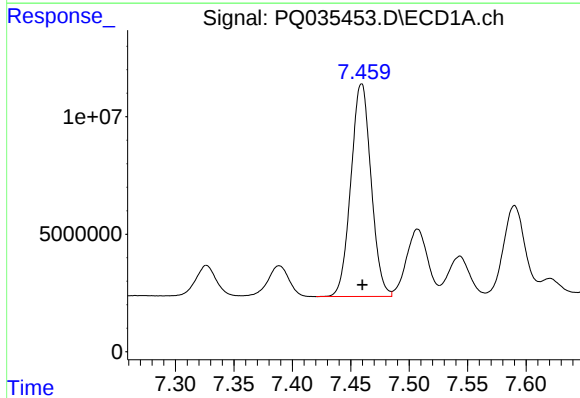
R.T.: 7.202 min
Delta R.T.: -0.001 min
Response: 88102855
Conc: 477.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



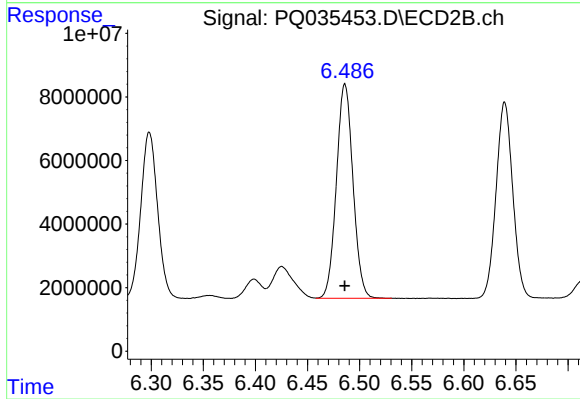
#31 AR-1260-1

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 58900524
Conc: 468.25 ng/ml



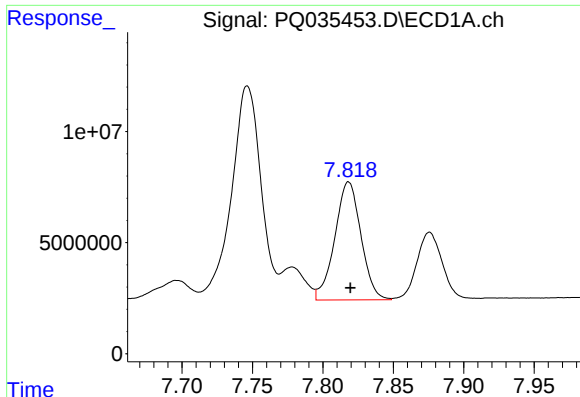
#32 AR-1260-2

R.T.: 7.459 min
Delta R.T.: 0.000 min
Response: 108909250
Conc: 501.23 ng/ml



#32 AR-1260-2

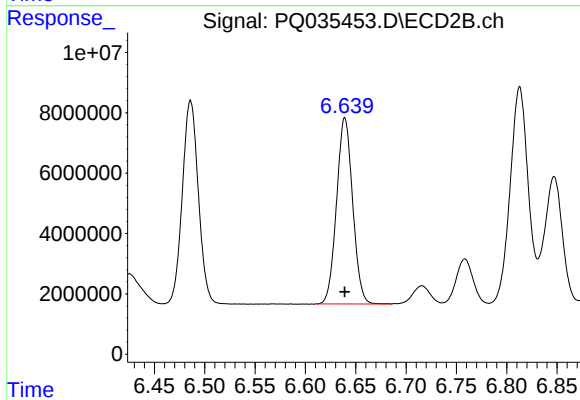
R.T.: 6.486 min
Delta R.T.: 0.000 min
Response: 74642117
Conc: 494.28 ng/ml



#33 AR-1260-3

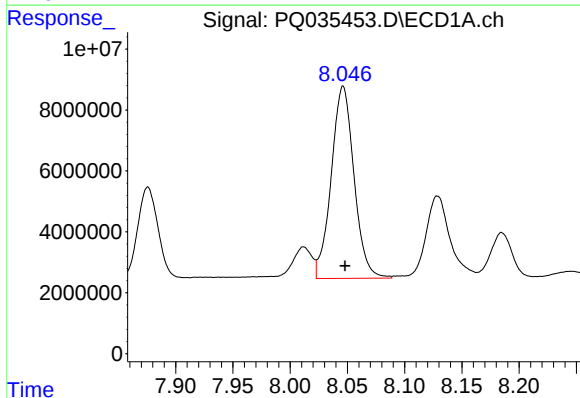
R.T.: 7.818 min
Delta R.T.: -0.001 min
Response: 68599944
Conc: 512.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



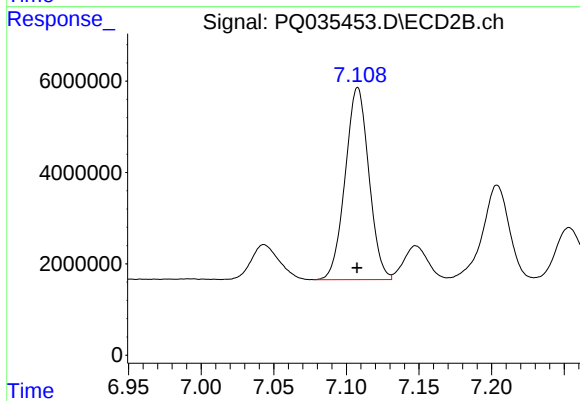
#33 AR-1260-3

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 68760347
Conc: 492.08 ng/ml



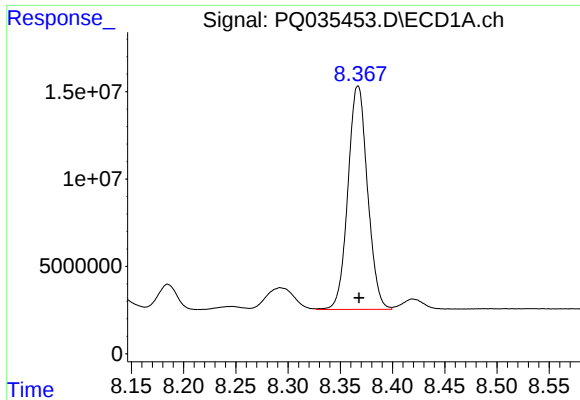
#34 AR-1260-4

R.T.: 8.046 min
Delta R.T.: -0.002 min
Response: 87437890
Conc: 530.54 ng/ml



#34 AR-1260-4

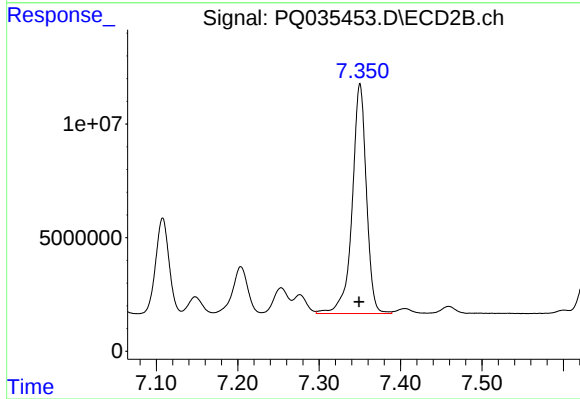
R.T.: 7.108 min
Delta R.T.: 0.000 min
Response: 47745474
Conc: 514.19 ng/ml



#35 AR-1260-5

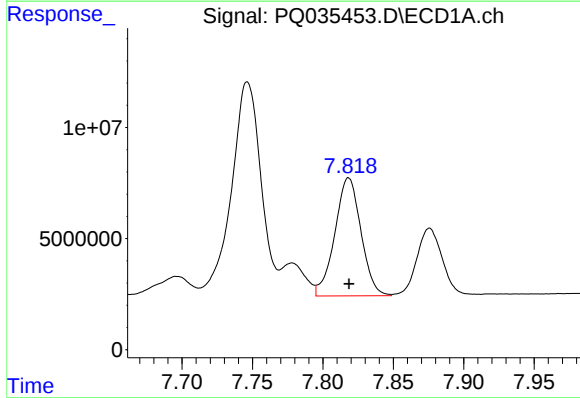
R.T.: 8.367 min
Delta R.T.: -0.001 min
Response: 167048692
Conc: 560.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



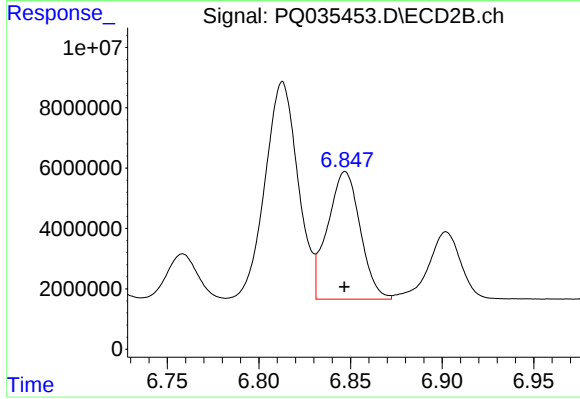
#35 AR-1260-5

R.T.: 7.350 min
Delta R.T.: 0.000 min
Response: 122800306
Conc: 547.24 ng/ml



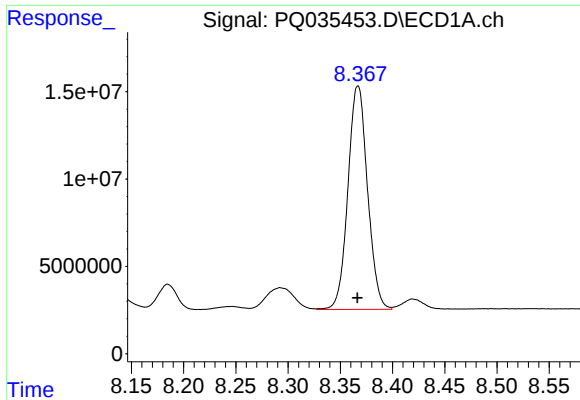
#36 AR-1262-1

R.T.: 7.818 min
Delta R.T.: 0.000 min
Response: 68599944
Conc: 313.13 ng/ml



#36 AR-1262-1

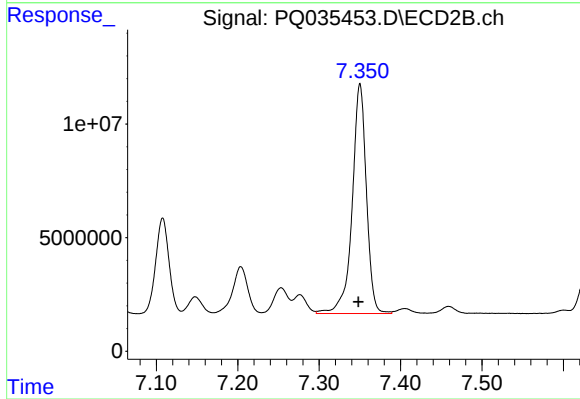
R.T.: 6.847 min
Delta R.T.: 0.000 min
Response: 52355339
Conc: 341.15 ng/ml



#37 AR-1262-2

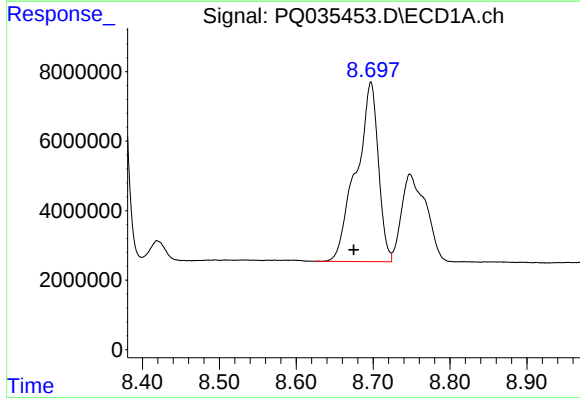
R.T.: 8.367 min
Delta R.T.: 0.000 min
Response: 167048692
Conc: 443.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



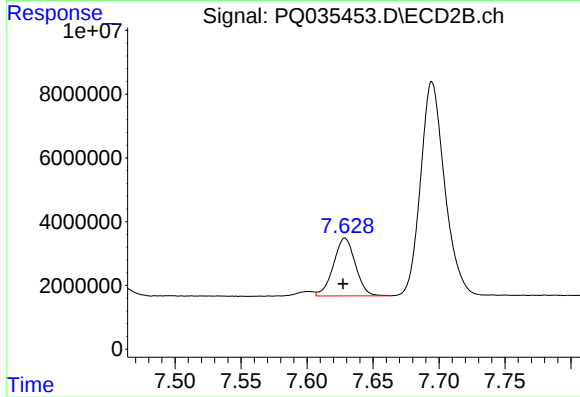
#37 AR-1262-2

R.T.: 7.350 min
Delta R.T.: 0.002 min
Response: 122800306
Conc: 460.17 ng/ml



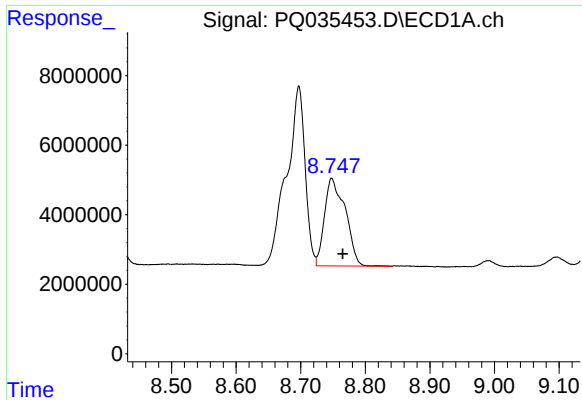
#38 AR-1262-3

R.T.: 8.697 min
Delta R.T.: 0.022 min
Response: 102986980
Conc: 428.42 ng/ml



#38 AR-1262-3

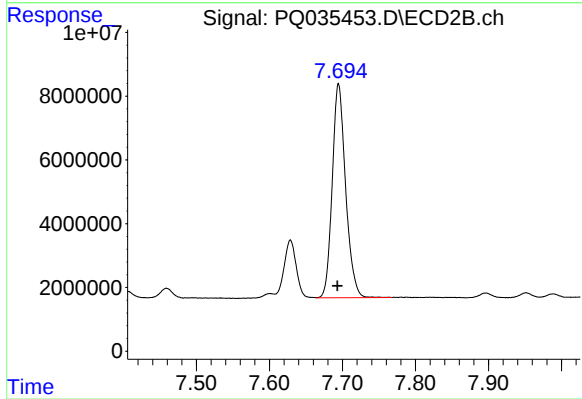
R.T.: 7.629 min
Delta R.T.: 0.001 min
Response: 20962802
Conc: 201.99 ng/ml



#39 AR-1262-4

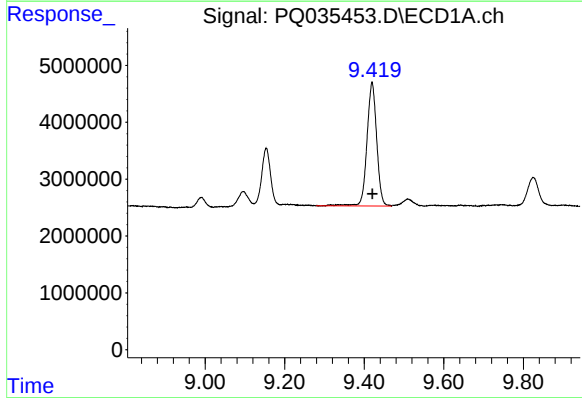
R.T.: 8.748 min
Delta R.T.: -0.017 min
Response: 56289318
Conc: 311.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :



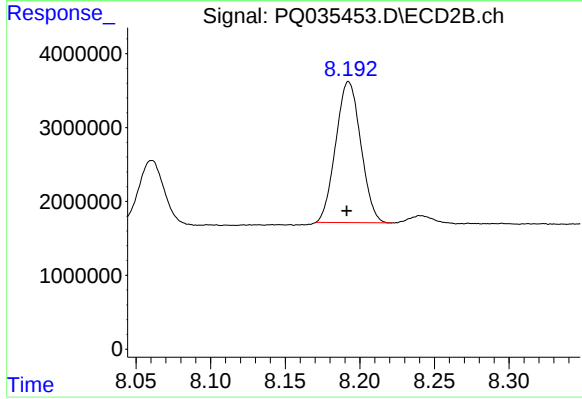
#39 AR-1262-4

R.T.: 7.695 min
Delta R.T.: 0.001 min
Response: 85397870
Conc: 461.00 ng/ml



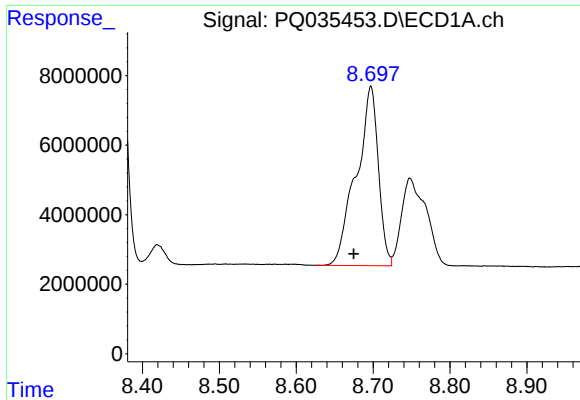
#40 AR-1262-5

R.T.: 9.420 min
Delta R.T.: 0.000 min
Response: 36883803
Conc: 323.87 ng/ml



#40 AR-1262-5

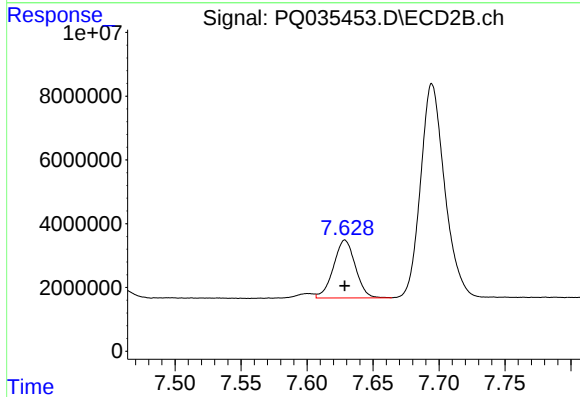
R.T.: 8.193 min
Delta R.T.: 0.001 min
Response: 22278017
Conc: 300.13 ng/ml



#41 AR-1268-1

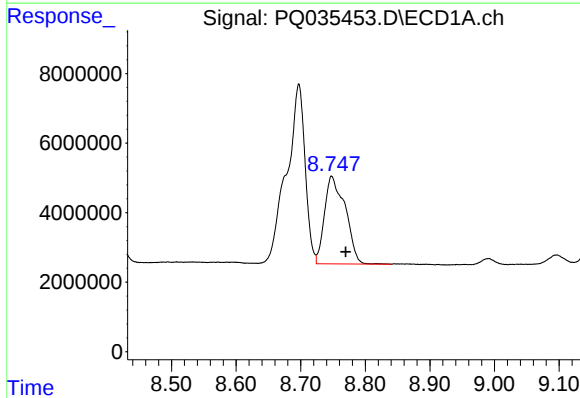
R.T.: 8.697 min
Delta R.T.: 0.022 min
Response: 102986980
Conc: 213.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



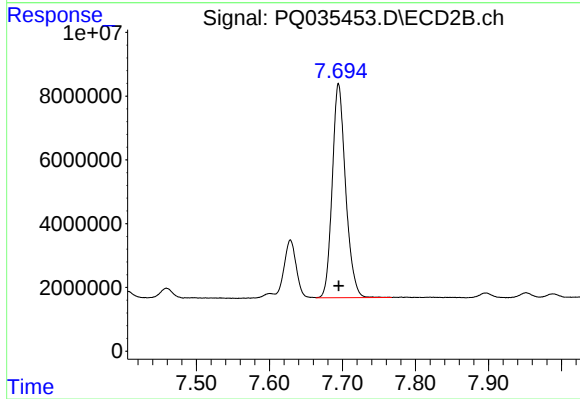
#41 AR-1268-1

R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 20962802
Conc: 62.86 ng/ml



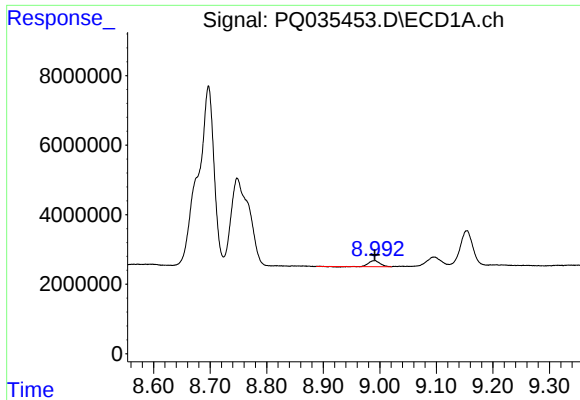
#42 AR-1268-2

R.T.: 8.748 min
Delta R.T.: -0.022 min
Response: 56289318
Conc: 130.46 ng/ml



#42 AR-1268-2

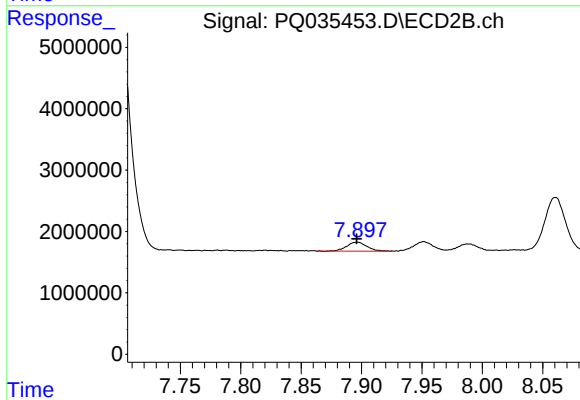
R.T.: 7.695 min
Delta R.T.: 0.000 min
Response: 85397870
Conc: 288.16 ng/ml



#43 AR-1268-3

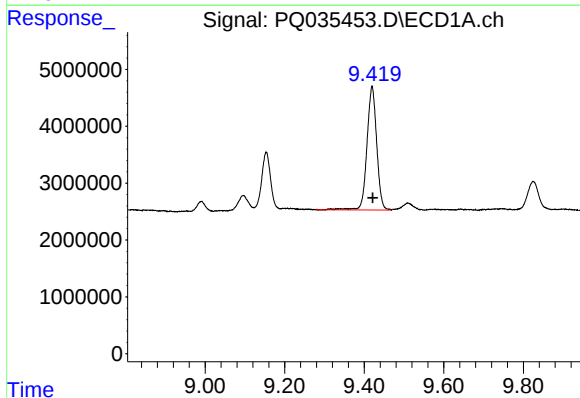
R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 2282897
Conc: 6.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



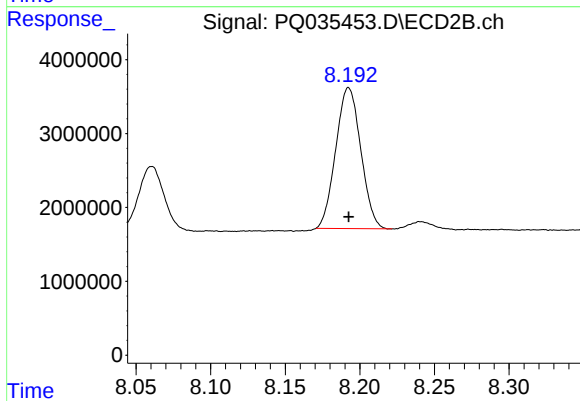
#43 AR-1268-3

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 1672538
Conc: 6.84 ng/ml



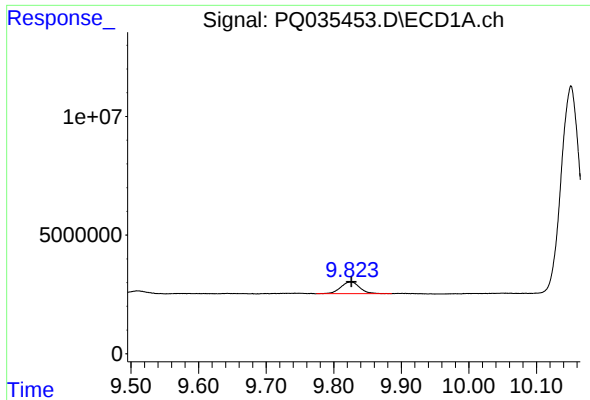
#44 AR-1268-4

R.T.: 9.420 min
Delta R.T.: -0.002 min
Response: 36883803
Conc: 269.04 ng/ml



#44 AR-1268-4

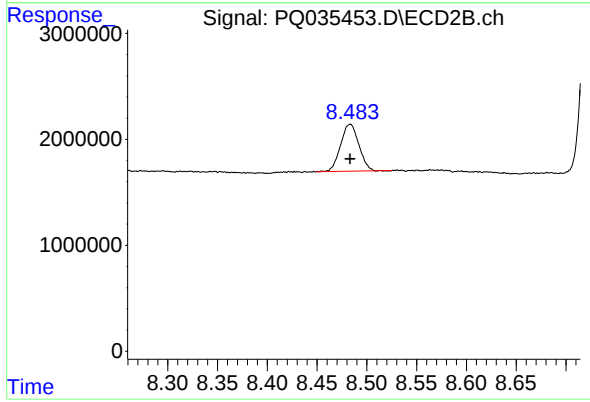
R.T.: 8.193 min
Delta R.T.: 0.000 min
Response: 22278017
Conc: 238.81 ng/ml



#45 AR-1268-5

R.T.: 9.825 min
Delta R.T.: 0.000 min
Response: 9636946
Conc: 8.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.483 min
Delta R.T.: 0.000 min
Response: 5649470
Conc: 7.73 ng/ml