

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121818\
 Data File : PQ035671.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Dec 2018 14:57
 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 19 04:58:28 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...	4.429	3.742	263.8E6	156.0E6	67.428	69.809
2)	SA Decachlor...	10.129	8.720	98737656	81758192	33.498	46.257 #
Target Compounds							
3)	L1 AR-1016-1	5.616	4.820	108.8E6	46480327	850.626	602.825 #
4)	L1 AR-1016-2	5.616	4.837	108.8E6	67185796	567.472	593.729
5)	L1 AR-1016-3	5.677	5.014	63028747	33719753	550.712	577.399
6)	L1 AR-1016-4	5.777	5.053	52314992	26734252	549.367	568.563
7)	L1 AR-1016-5	6.069	5.267	42529621	33994018	467.176	553.758
8)	L2 AR-1221-1	4.634	3.951	6435054	4318339	188.368	211.651
9)	L2 AR-1221-2	4.726	4.040	10272109	6429102	403.194	434.965
10)	L2 AR-1221-3	4.801	4.114	37961687	24213546	456.158	498.420
11)	L3 AR-1232-1	4.801	4.114	37961687	24213546	522.040	549.915
12)	L3 AR-1232-2	5.327	4.837	52287135	67185796	1356.764	1369.396
13)	L3 AR-1232-3	5.616	5.014	108.8E6	33719753	1331.005	1319.678
14)	L3 AR-1232-4	5.777	5.095	52314992	32094310	1306.489	1406.637
15)	L3 AR-1232-5	5.863	5.267	43551374	33994018	1375.225	1360.996
16)	L4 AR-1242-1	5.616	4.820	108.8E6	46480327	1128.071	785.500 #
17)	L4 AR-1242-2	5.616	4.837	108.8E6	67185796	750.144	780.238
18)	L4 AR-1242-3	5.677	5.014	63028747	33719753	728.521	748.740
19)	L4 AR-1242-4	5.777	5.095	52314992	32094310	756.215	724.777
20)	L4 AR-1242-5	6.510	5.615	11436205	36515693	145.772	661.642 #
21)	L5 AR-1248-1	5.616	4.820	108.8E6	46480327	1648.876	1178.065 #
22)	L5 AR-1248-2	5.863	5.053	43551374	26734252	459.476	492.580
23)	L5 AR-1248-3	6.069	5.095	42529621	32094310	407.021	575.139 #
24)	L5 AR-1248-4	6.472	5.267	14285516	33994018	116.003	491.065 #
25)	L5 AR-1248-5	6.510	5.656	11436205	7743066	97.751	109.859
26)	L6 AR-1254-1	6.444	5.615	45079090	36515693	296.119	273.755
27)	L6 AR-1254-2	6.659	5.761	41712190	26811145	176.291	232.033 #
28)	L6 AR-1254-3	7.029	6.174	25164569	44273404	98.010	229.326 #
29)	L6 AR-1254-4	7.313	6.391	12340635	5972799	68.062	49.631 #
30)	L6 AR-1254-5	7.734	6.804	112.2E6	79458195	572.261	487.885
31)	L7 AR-1260-1	7.190	6.290	88105903	59660167	477.793	474.294
32)	L7 AR-1260-2	7.446	6.477	93710625	68799166	431.282	455.584
33)	L7 AR-1260-3	7.804	6.631	54264898	64610978	405.076	462.384
34)	L7 AR-1260-4	8.033	7.098	65319222	41063062	396.329	442.224
35)	L7 AR-1260-5	8.352	7.341	124.8E6	97589823	418.468	434.897
36)	L8 AR-1262-1	7.804	6.838	54264898	45954983	247.700	299.443
37)	L8 AR-1262-2	8.352	7.341	124.8E6	97589823	331.212	365.695
38)	L8 AR-1262-3	8.682	7.619	76124777	18428863	316.672	177.571 #
39)	L8 AR-1262-4	8.733	7.685	43601318	67519963	241.334	364.492 #
40)	L8 AR-1262-5	9.402	8.183	28812680	12510072	253.002	168.537 #
41)	L9 AR-1268-1	8.682	7.619	76124777	18428863	157.775	55.265 #

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

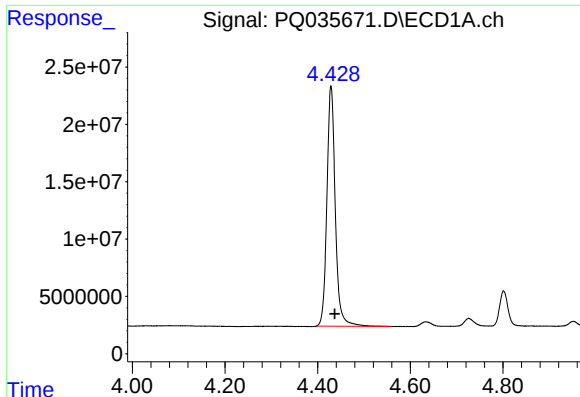
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 19 04:58:28 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.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	8.733	7.685	43601318	67519963	101.055	227.834 #
43) L9	AR-1268-3	0.000	7.942	0	1285236	N.D.	5.258 #
44) L9	AR-1268-4	9.402	8.183	28812680	12510072	210.171	134.102 #
45) L9	AR-1268-5	9.805	8.472	8555584	4741033	7.390	6.491

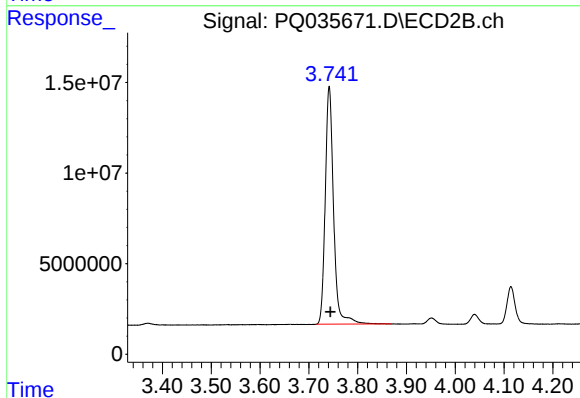
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

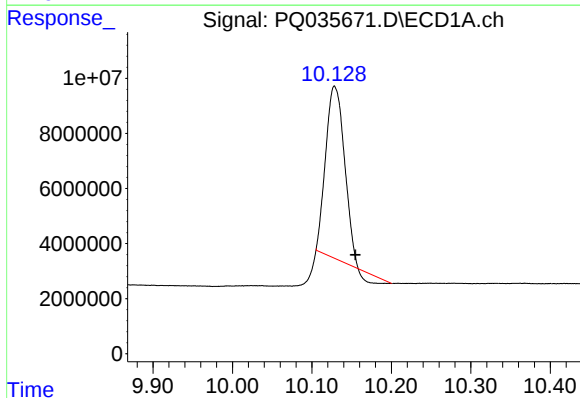
R.T.: 4.429 min
Delta R.T.: -0.008 min
Response: 263822617
Conc: 67.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



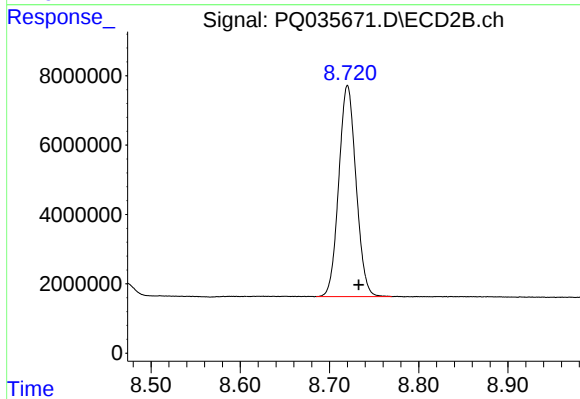
#1 Tetrachloro-m-xylene

R.T.: 3.742 min
Delta R.T.: -0.002 min
Response: 155981253
Conc: 69.81 ng/ml



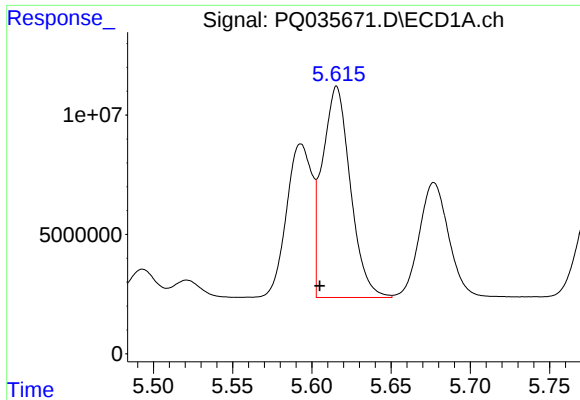
#2 Decachlorobiphenyl

R.T.: 10.129 min
Delta R.T.: -0.026 min
Response: 98737656
Conc: 33.50 ng/ml



#2 Decachlorobiphenyl

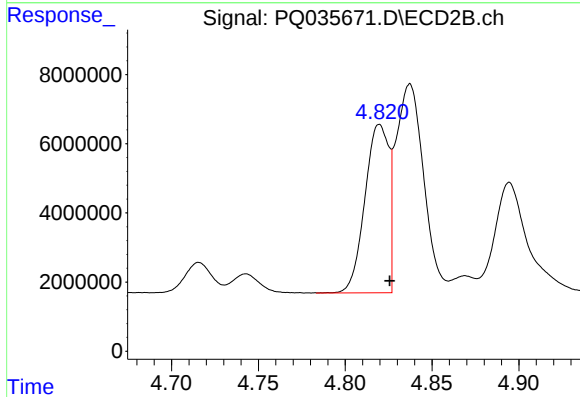
R.T.: 8.720 min
Delta R.T.: -0.012 min
Response: 81758192
Conc: 46.26 ng/ml



#3 AR-1016-1

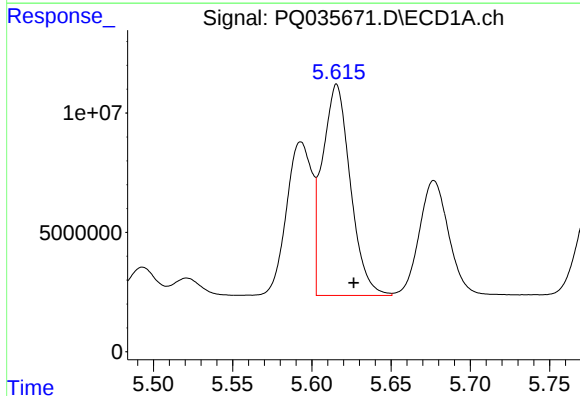
R.T.: 5.616 min
Delta R.T.: 0.011 min
Response: 108835494
Conc: 850.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



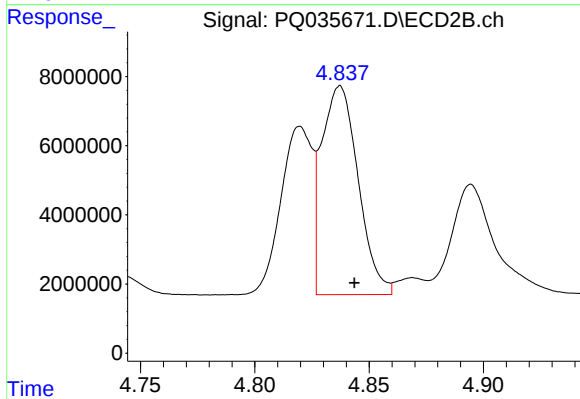
#3 AR-1016-1

R.T.: 4.820 min
Delta R.T.: -0.006 min
Response: 46480327
Conc: 602.82 ng/ml



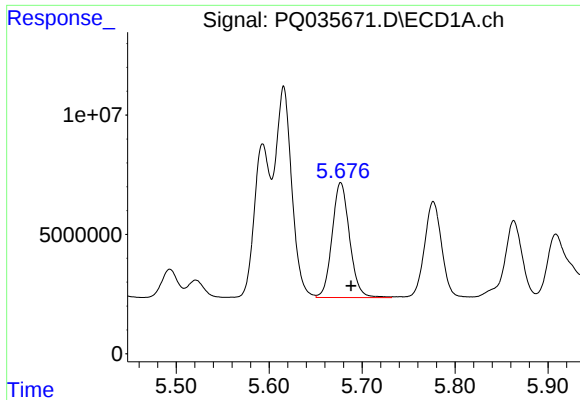
#4 AR-1016-2

R.T.: 5.616 min
Delta R.T.: -0.011 min
Response: 108835494
Conc: 567.47 ng/ml



#4 AR-1016-2

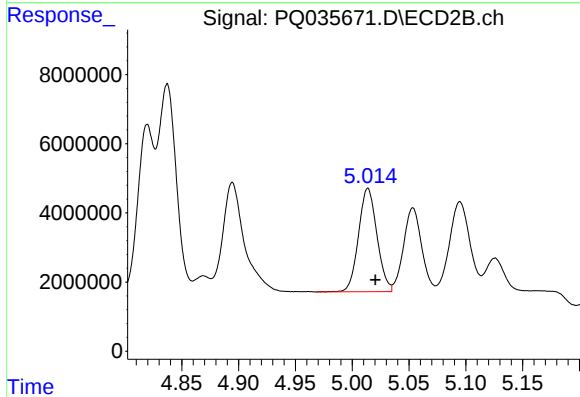
R.T.: 4.837 min
Delta R.T.: -0.006 min
Response: 67185796
Conc: 593.73 ng/ml



#5 AR-1016-3

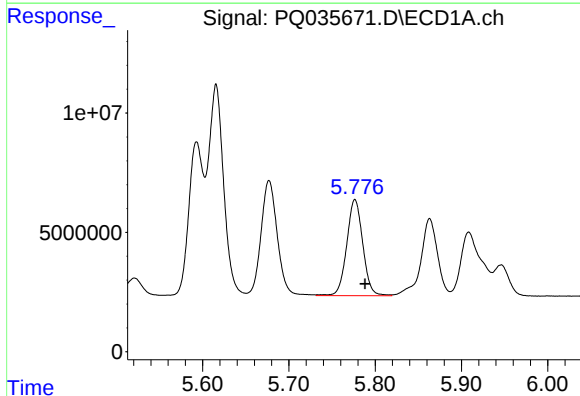
R.T.: 5.677 min
Delta R.T.: -0.011 min
Response: 63028747
Conc: 550.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



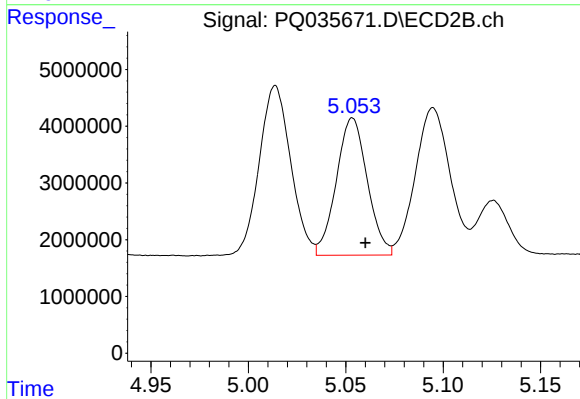
#5 AR-1016-3

R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 33719753
Conc: 577.40 ng/ml



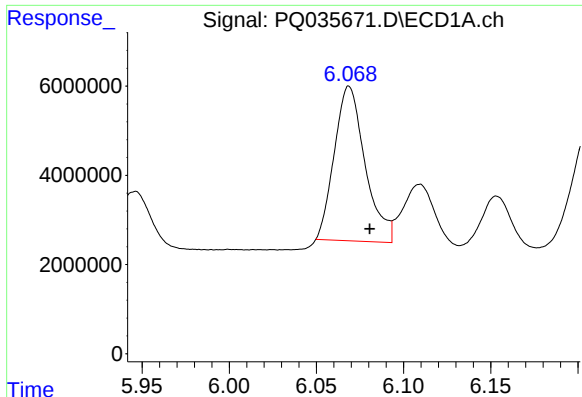
#6 AR-1016-4

R.T.: 5.777 min
Delta R.T.: -0.012 min
Response: 52314992
Conc: 549.37 ng/ml



#6 AR-1016-4

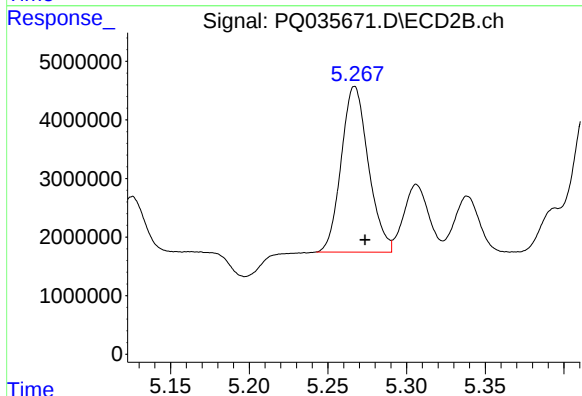
R.T.: 5.053 min
Delta R.T.: -0.007 min
Response: 26734252
Conc: 568.56 ng/ml



#7 AR-1016-5

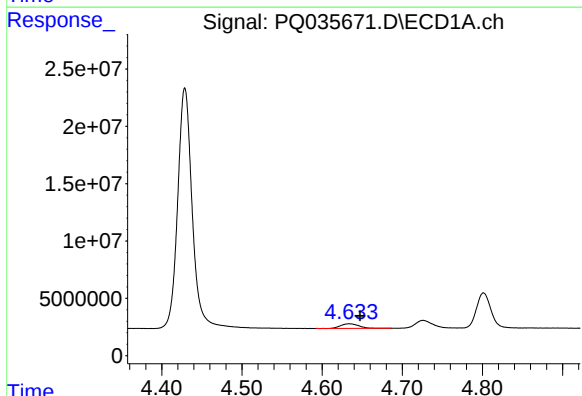
R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 42529621
Conc: 467.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



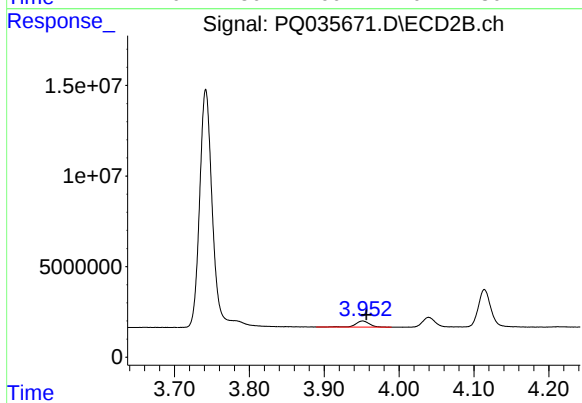
#7 AR-1016-5

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 33994018
Conc: 553.76 ng/ml



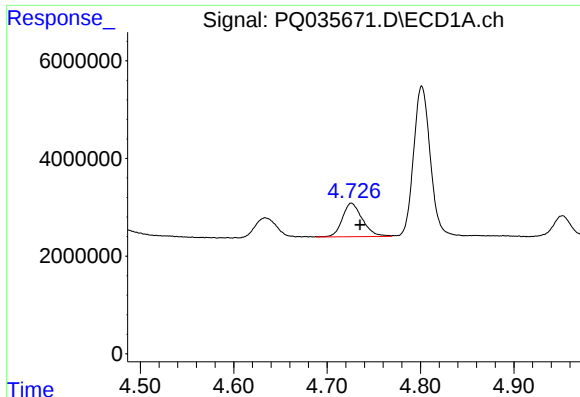
#8 AR-1221-1

R.T.: 4.634 min
Delta R.T.: -0.013 min
Response: 6435054
Conc: 188.37 ng/ml



#8 AR-1221-1

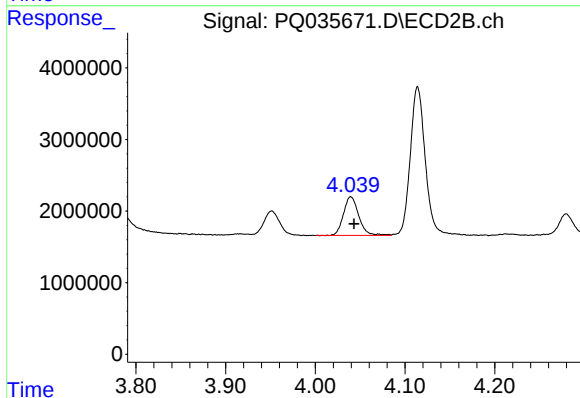
R.T.: 3.951 min
Delta R.T.: -0.005 min
Response: 4318339
Conc: 211.65 ng/ml



#9 AR-1221-2

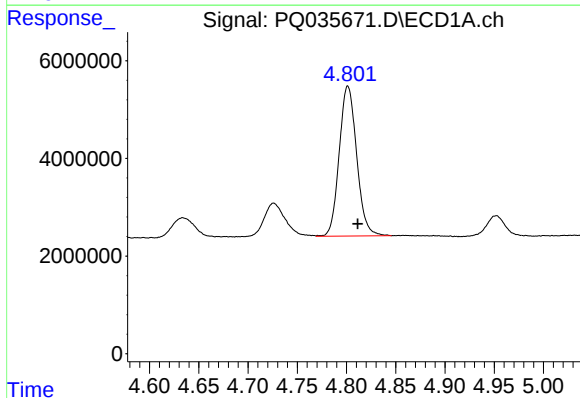
R.T.: 4.726 min
Delta R.T.: -0.009 min
Response: 10272109
Conc: 403.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :



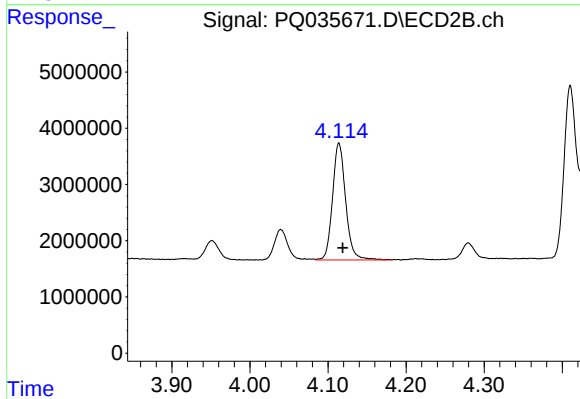
#9 AR-1221-2

R.T.: 4.040 min
Delta R.T.: -0.004 min
Response: 6429102
Conc: 434.97 ng/ml



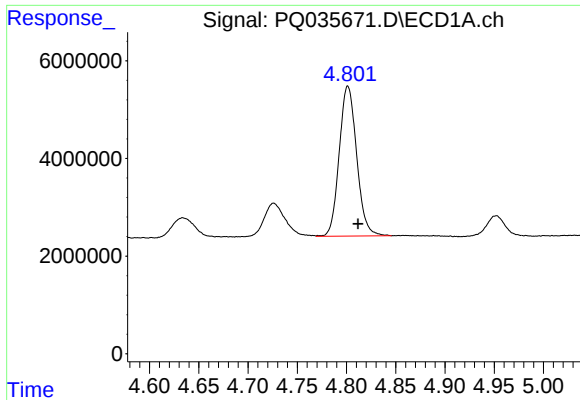
#10 AR-1221-3

R.T.: 4.801 min
Delta R.T.: -0.010 min
Response: 37961687
Conc: 456.16 ng/ml



#10 AR-1221-3

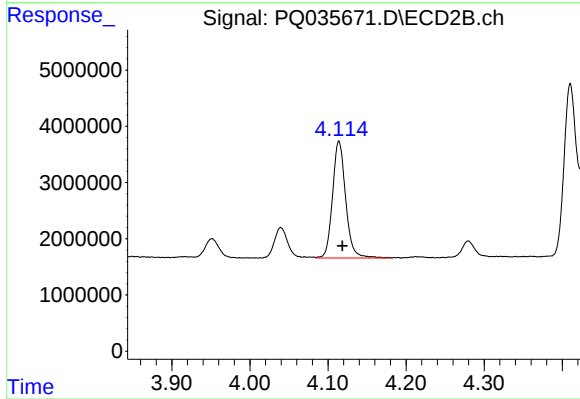
R.T.: 4.114 min
Delta R.T.: -0.005 min
Response: 24213546
Conc: 498.42 ng/ml



#11 AR-1232-1

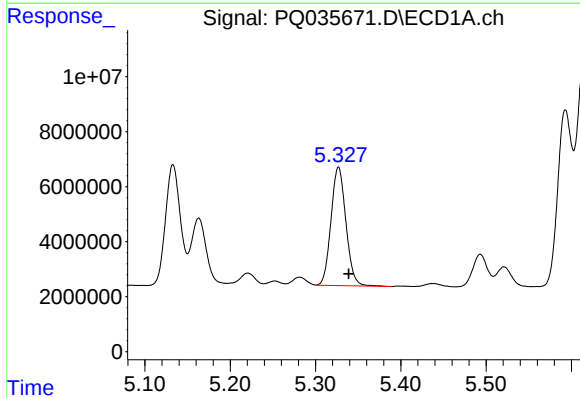
R.T.: 4.801 min
Delta R.T.: -0.011 min
Response: 37961687
Conc: 522.04 ng/ml

Instrument :
ECD_Q
ClientSampleId :



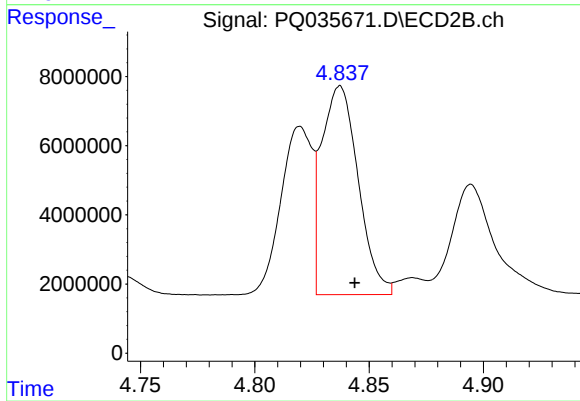
#11 AR-1232-1

R.T.: 4.114 min
Delta R.T.: -0.005 min
Response: 24213546
Conc: 549.92 ng/ml



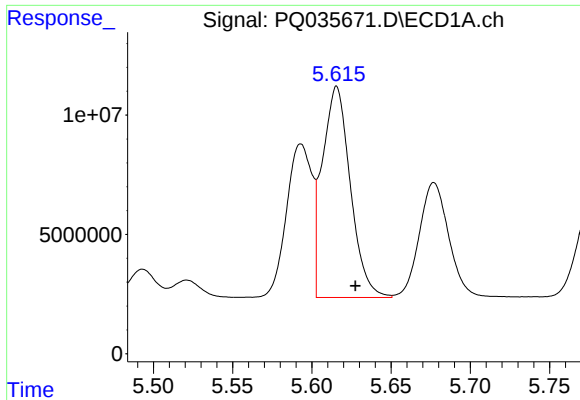
#12 AR-1232-2

R.T.: 5.327 min
Delta R.T.: -0.012 min
Response: 52287135
Conc: 1356.76 ng/ml



#12 AR-1232-2

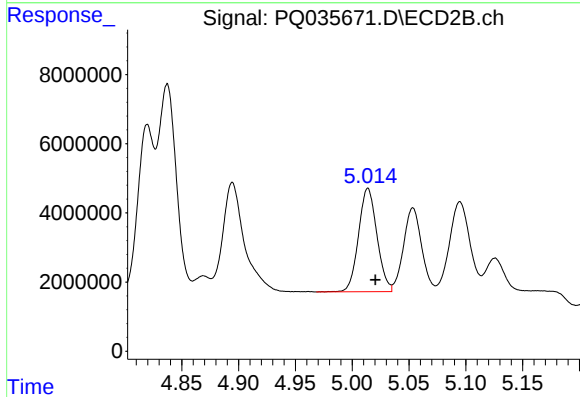
R.T.: 4.837 min
Delta R.T.: -0.006 min
Response: 67185796
Conc: 1369.40 ng/ml



#13 AR-1232-3

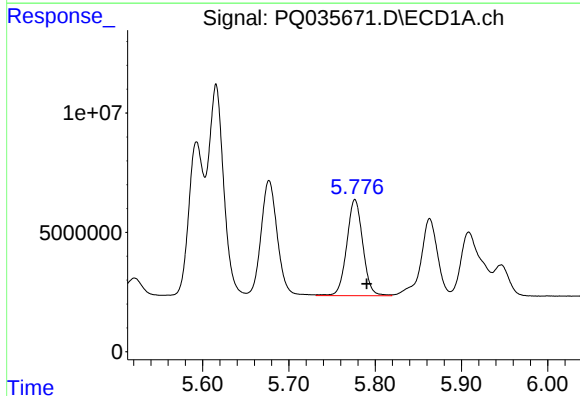
R.T.: 5.616 min
Delta R.T.: -0.012 min
Response: 108835494
Conc: 1331.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



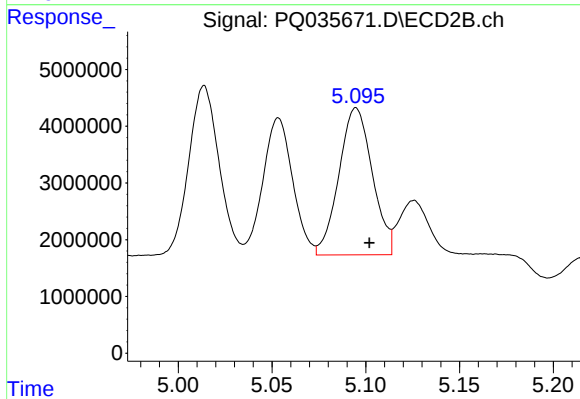
#13 AR-1232-3

R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 33719753
Conc: 1319.68 ng/ml



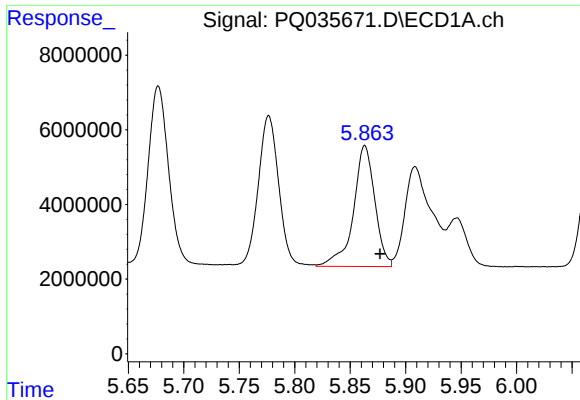
#14 AR-1232-4

R.T.: 5.777 min
Delta R.T.: -0.014 min
Response: 52314992
Conc: 1306.49 ng/ml



#14 AR-1232-4

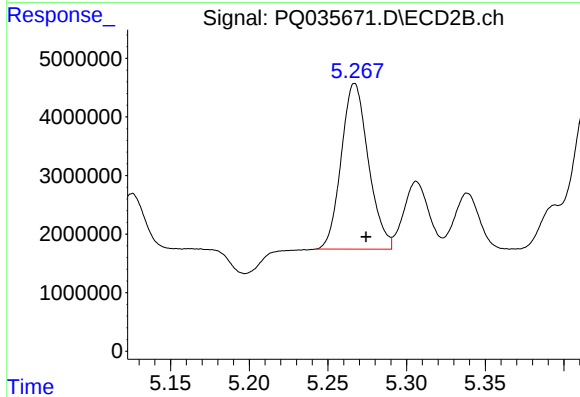
R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 32094310
Conc: 1406.64 ng/ml



#15 AR-1232-5

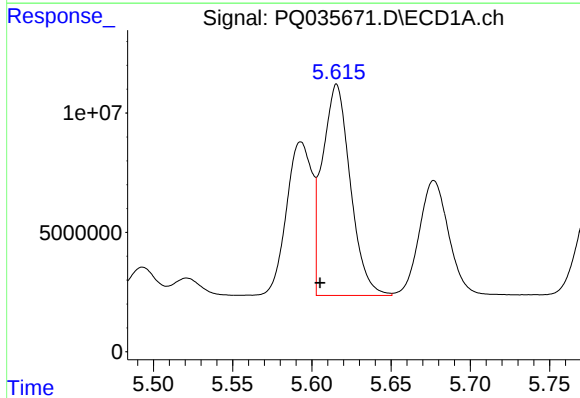
R.T.: 5.863 min
Delta R.T.: -0.014 min
Response: 43551374
Conc: 1375.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



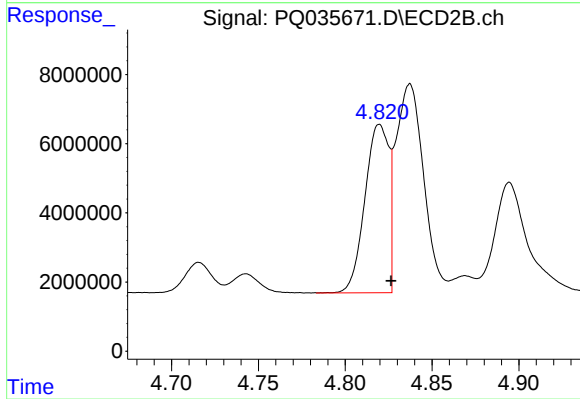
#15 AR-1232-5

R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 33994018
Conc: 1361.00 ng/ml



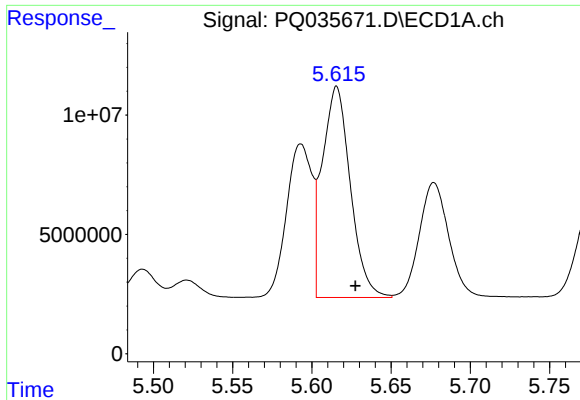
#16 AR-1242-1

R.T.: 5.616 min
Delta R.T.: 0.011 min
Response: 108835494
Conc: 1128.07 ng/ml



#16 AR-1242-1

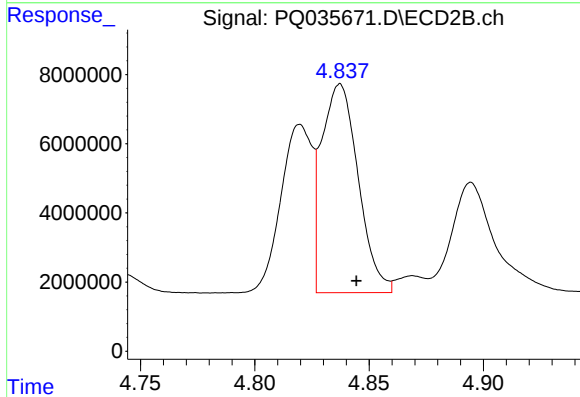
R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 46480327
Conc: 785.50 ng/ml



#17 AR-1242-2

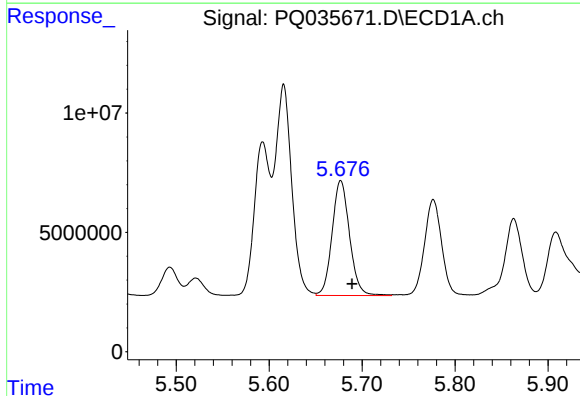
R.T.: 5.616 min
Delta R.T.: -0.012 min
Response: 108835494
Conc: 750.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



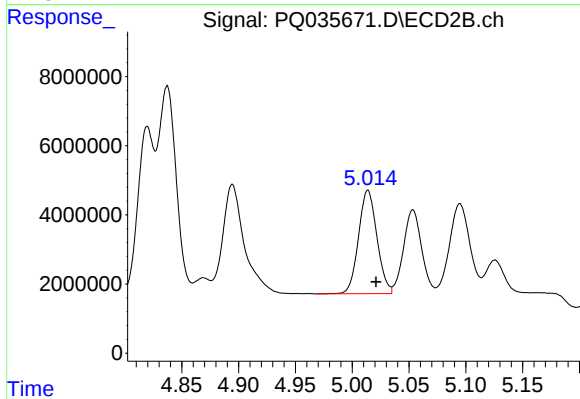
#17 AR-1242-2

R.T.: 4.837 min
Delta R.T.: -0.007 min
Response: 67185796
Conc: 780.24 ng/ml



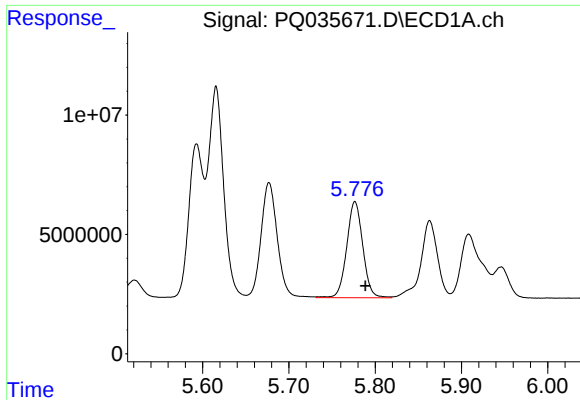
#18 AR-1242-3

R.T.: 5.677 min
Delta R.T.: -0.012 min
Response: 63028747
Conc: 728.52 ng/ml



#18 AR-1242-3

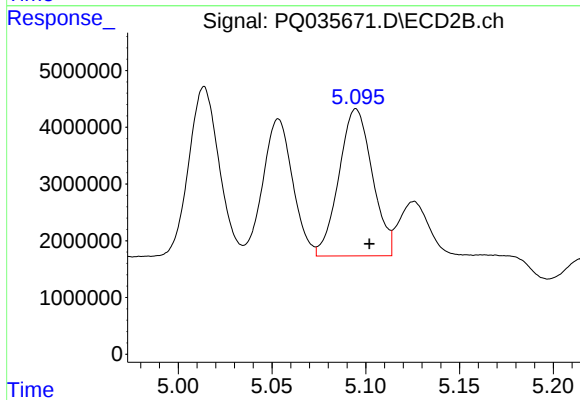
R.T.: 5.014 min
Delta R.T.: -0.007 min
Response: 33719753
Conc: 748.74 ng/ml



#19 AR-1242-4

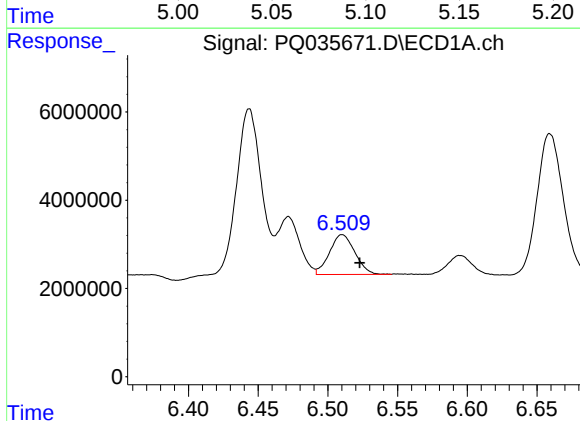
R.T.: 5.777 min
Delta R.T.: -0.012 min
Response: 52314992
Conc: 756.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



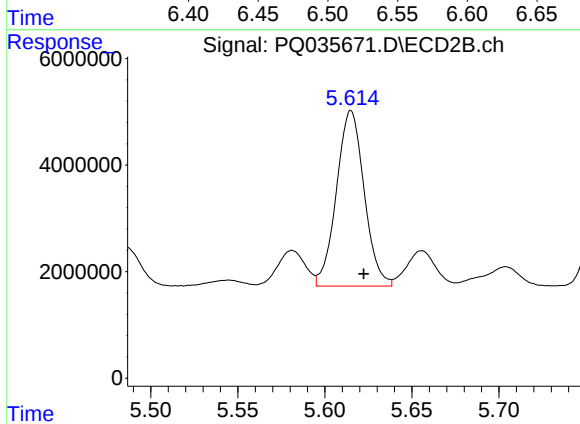
#19 AR-1242-4

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 32094310
Conc: 724.78 ng/ml



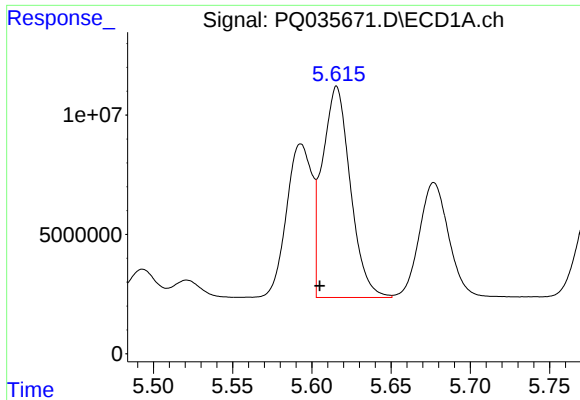
#20 AR-1242-5

R.T.: 6.510 min
Delta R.T.: -0.012 min
Response: 11436205
Conc: 145.77 ng/ml



#20 AR-1242-5

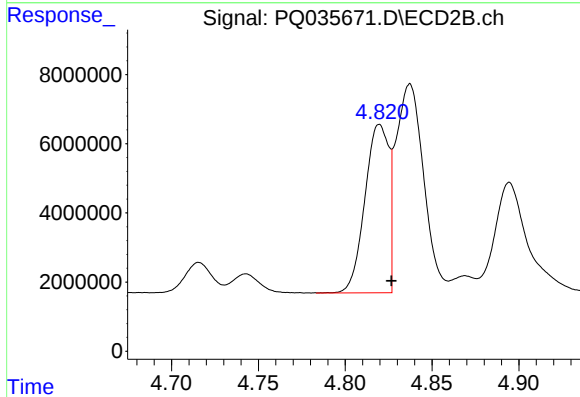
R.T.: 5.615 min
Delta R.T.: -0.007 min
Response: 36515693
Conc: 661.64 ng/ml



#21 AR-1248-1

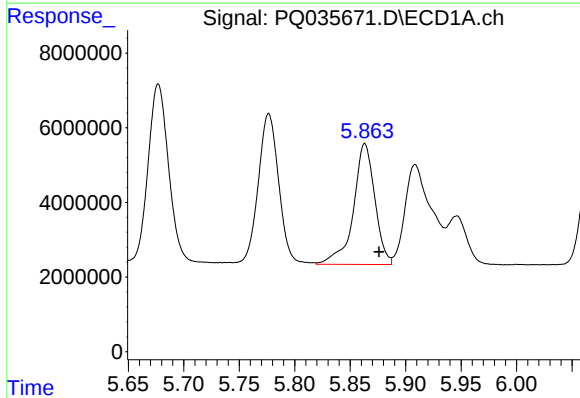
R.T.: 5.616 min
Delta R.T.: 0.011 min
Response: 108835494
Conc: 1648.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



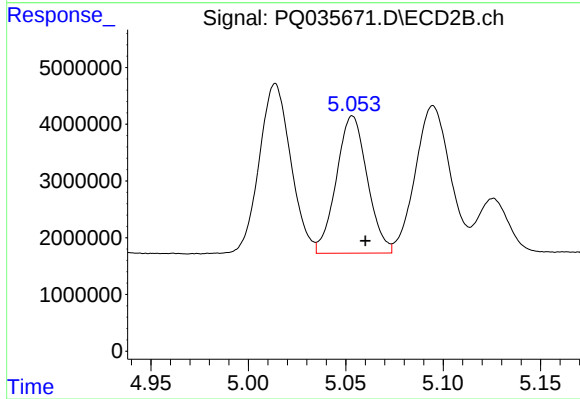
#21 AR-1248-1

R.T.: 4.820 min
Delta R.T.: -0.007 min
Response: 46480327
Conc: 1178.07 ng/ml



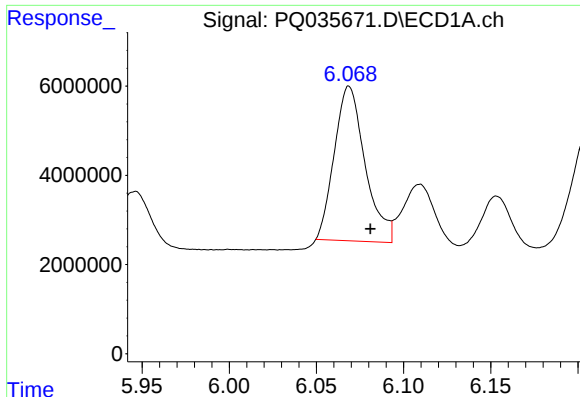
#22 AR-1248-2

R.T.: 5.863 min
Delta R.T.: -0.013 min
Response: 43551374
Conc: 459.48 ng/ml



#22 AR-1248-2

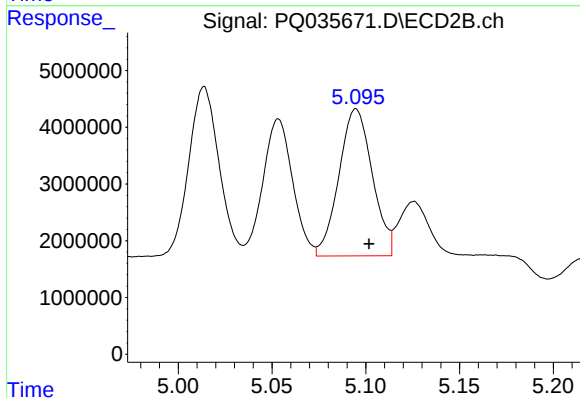
R.T.: 5.053 min
Delta R.T.: -0.007 min
Response: 26734252
Conc: 492.58 ng/ml



#23 AR-1248-3

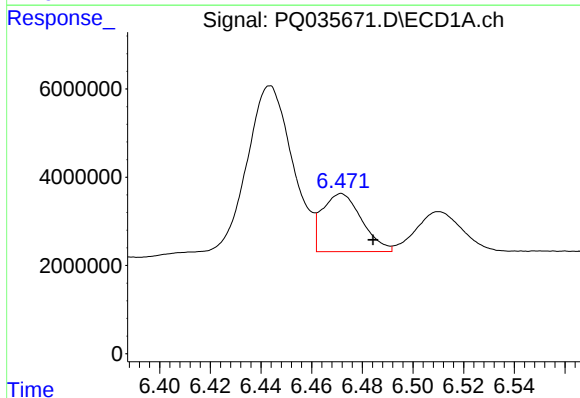
R.T.: 6.069 min
Delta R.T.: -0.012 min
Response: 42529621
Conc: 407.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



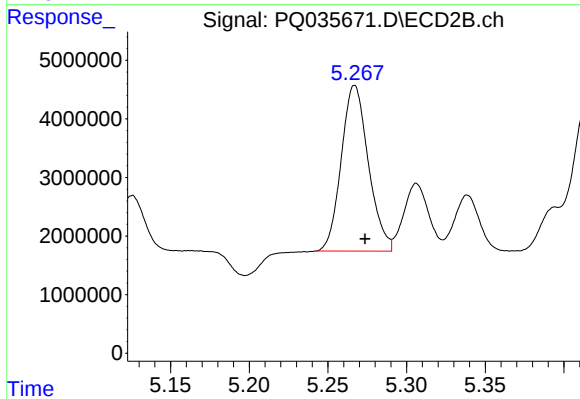
#23 AR-1248-3

R.T.: 5.095 min
Delta R.T.: -0.007 min
Response: 32094310
Conc: 575.14 ng/ml



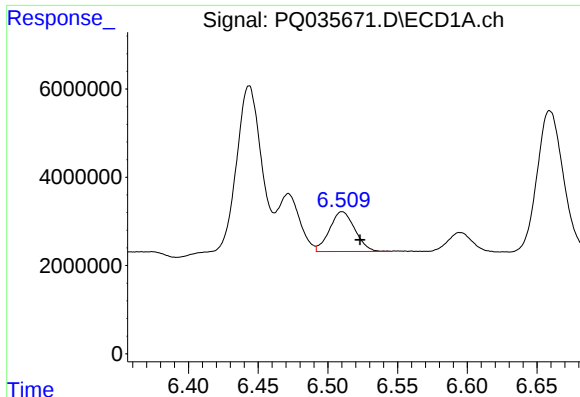
#24 AR-1248-4

R.T.: 6.472 min
Delta R.T.: -0.013 min
Response: 14285516
Conc: 116.00 ng/ml



#24 AR-1248-4

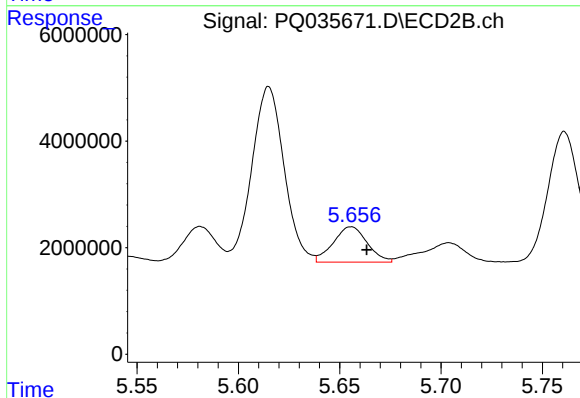
R.T.: 5.267 min
Delta R.T.: -0.007 min
Response: 33994018
Conc: 491.07 ng/ml



#25 AR-1248-5

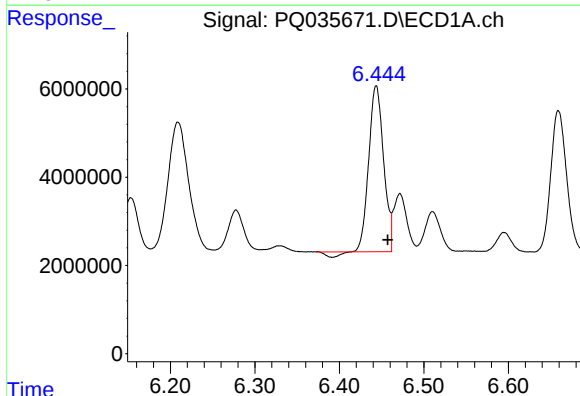
R.T.: 6.510 min
Delta R.T.: -0.013 min
Response: 11436205
Conc: 97.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



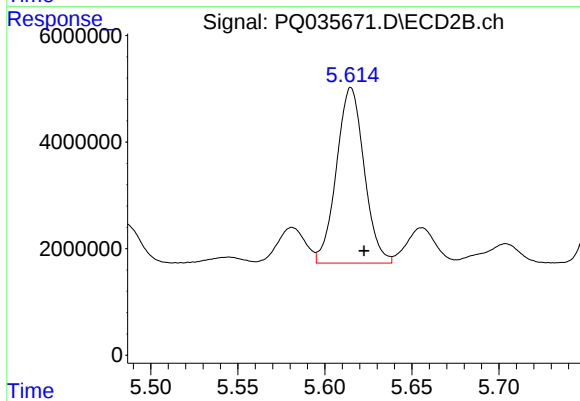
#25 AR-1248-5

R.T.: 5.656 min
Delta R.T.: -0.008 min
Response: 7743066
Conc: 109.86 ng/ml



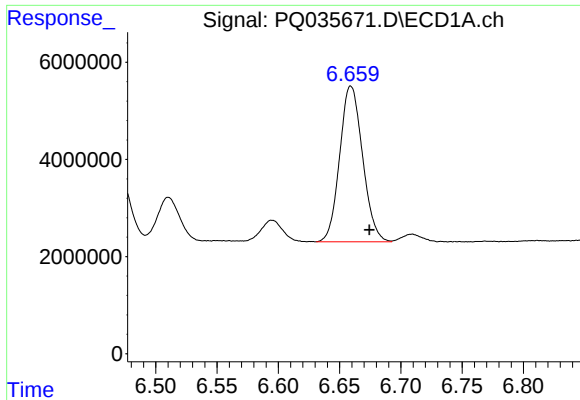
#26 AR-1254-1

R.T.: 6.444 min
Delta R.T.: -0.014 min
Response: 45079090
Conc: 296.12 ng/ml



#26 AR-1254-1

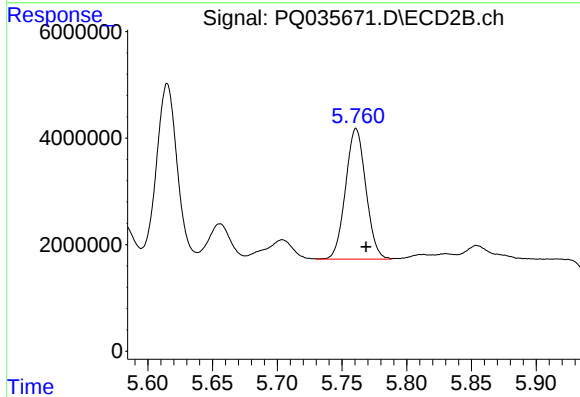
R.T.: 5.615 min
Delta R.T.: -0.007 min
Response: 36515693
Conc: 273.76 ng/ml



#27 AR-1254-2

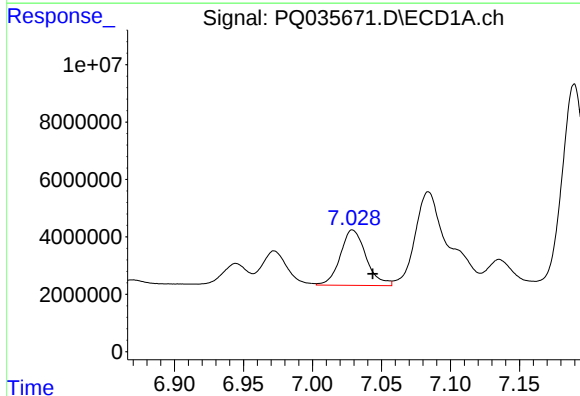
R.T.: 6.659 min
Delta R.T.: -0.015 min
Response: 41712190
Conc: 176.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



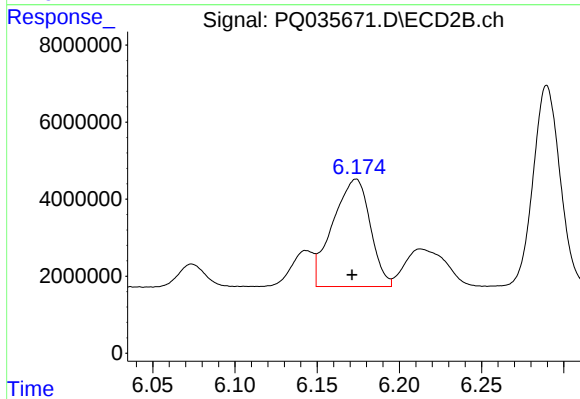
#27 AR-1254-2

R.T.: 5.761 min
Delta R.T.: -0.008 min
Response: 26811145
Conc: 232.03 ng/ml



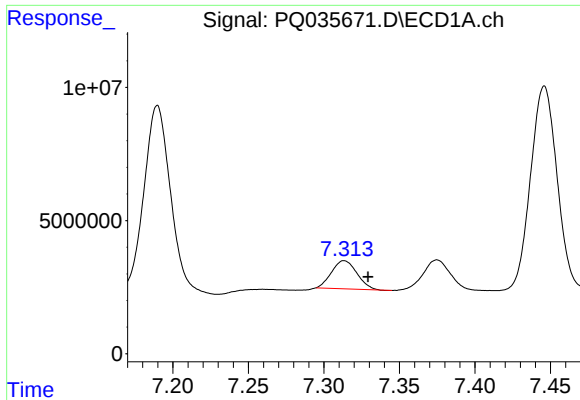
#28 AR-1254-3

R.T.: 7.029 min
Delta R.T.: -0.015 min
Response: 25164569
Conc: 98.01 ng/ml



#28 AR-1254-3

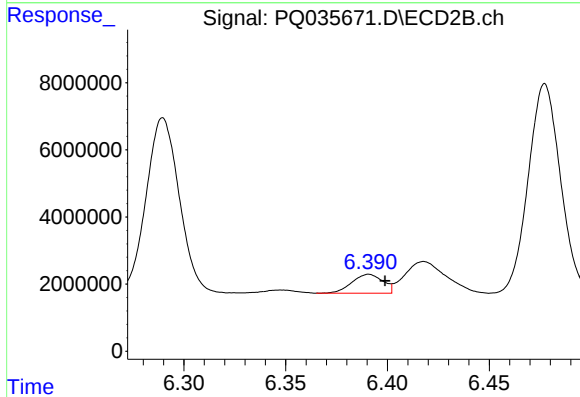
R.T.: 6.174 min
Delta R.T.: 0.002 min
Response: 44273404
Conc: 229.33 ng/ml



#29 AR-1254-4

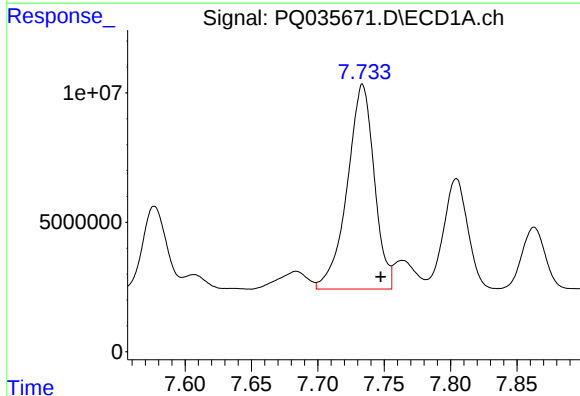
R.T.: 7.313 min
Delta R.T.: -0.016 min
Response: 12340635
Conc: 68.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



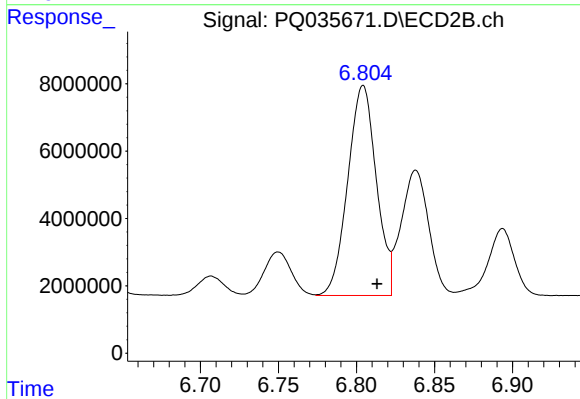
#29 AR-1254-4

R.T.: 6.391 min
Delta R.T.: -0.008 min
Response: 5972799
Conc: 49.63 ng/ml



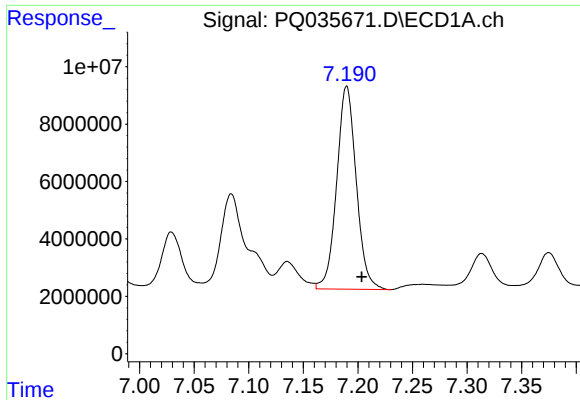
#30 AR-1254-5

R.T.: 7.734 min
Delta R.T.: -0.014 min
Response: 112249528
Conc: 572.26 ng/ml



#30 AR-1254-5

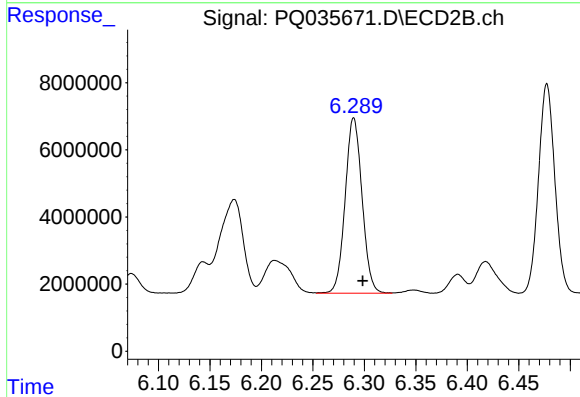
R.T.: 6.804 min
Delta R.T.: -0.009 min
Response: 79458195
Conc: 487.89 ng/ml



#31 AR-1260-1

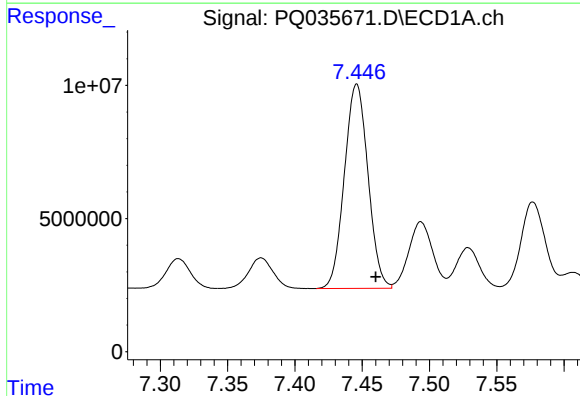
R.T.: 7.190 min
Delta R.T.: -0.014 min
Response: 88105903
Conc: 477.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :



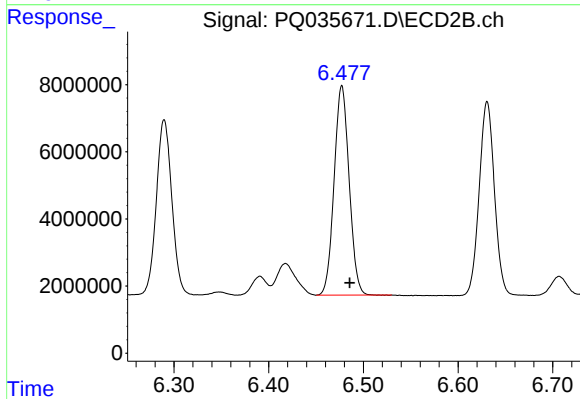
#31 AR-1260-1

R.T.: 6.290 min
Delta R.T.: -0.009 min
Response: 59660167
Conc: 474.29 ng/ml



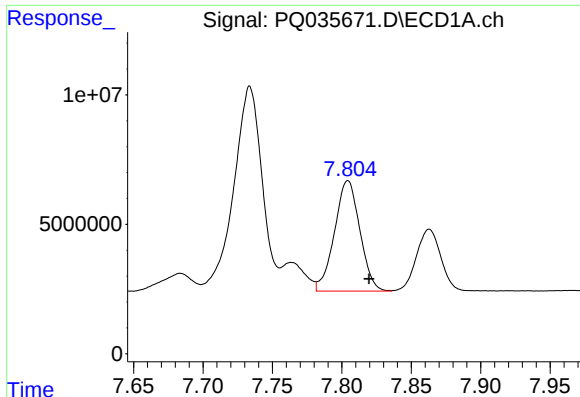
#32 AR-1260-2

R.T.: 7.446 min
Delta R.T.: -0.014 min
Response: 93710625
Conc: 431.28 ng/ml



#32 AR-1260-2

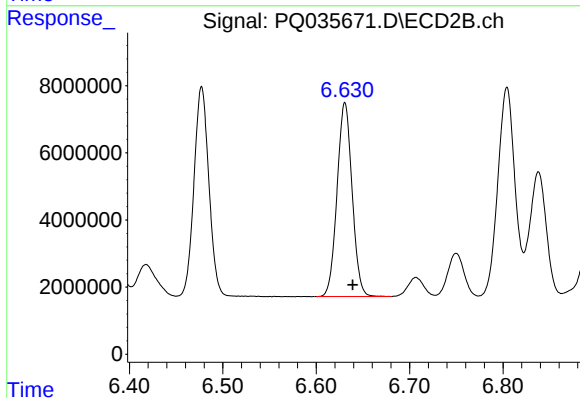
R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 68799166
Conc: 455.58 ng/ml



#33 AR-1260-3

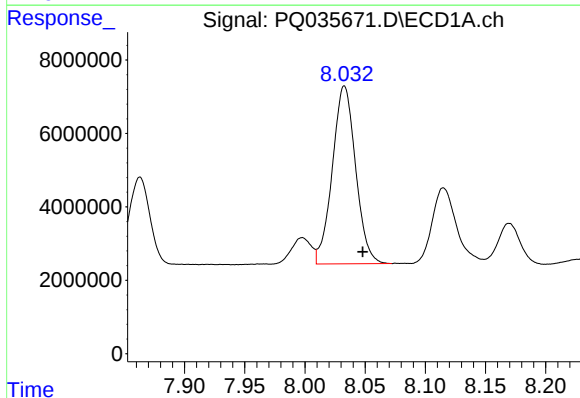
R.T.: 7.804 min
Delta R.T.: -0.015 min
Response: 54264898
Conc: 405.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



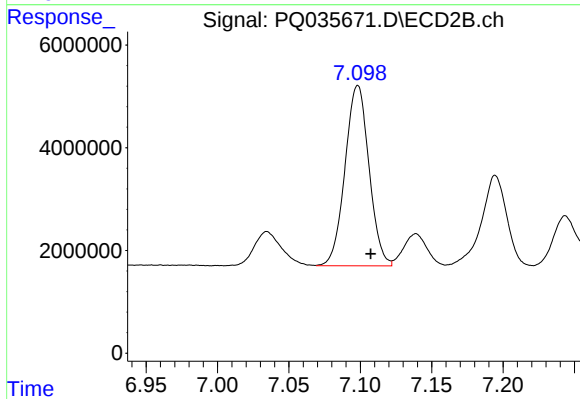
#33 AR-1260-3

R.T.: 6.631 min
Delta R.T.: -0.008 min
Response: 64610978
Conc: 462.38 ng/ml



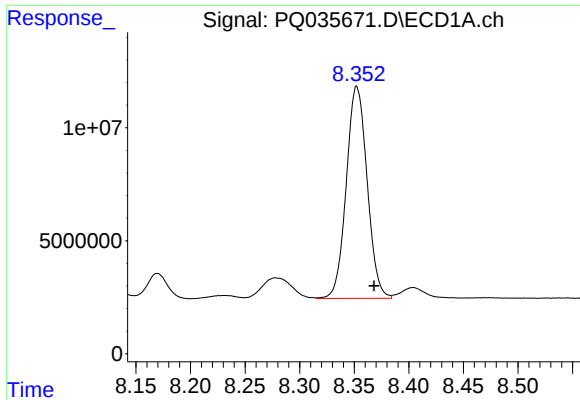
#34 AR-1260-4

R.T.: 8.033 min
Delta R.T.: -0.015 min
Response: 65319222
Conc: 396.33 ng/ml



#34 AR-1260-4

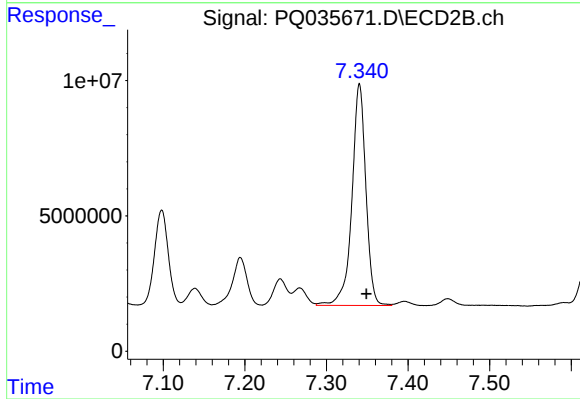
R.T.: 7.098 min
Delta R.T.: -0.009 min
Response: 41063062
Conc: 442.22 ng/ml



#35 AR-1260-5

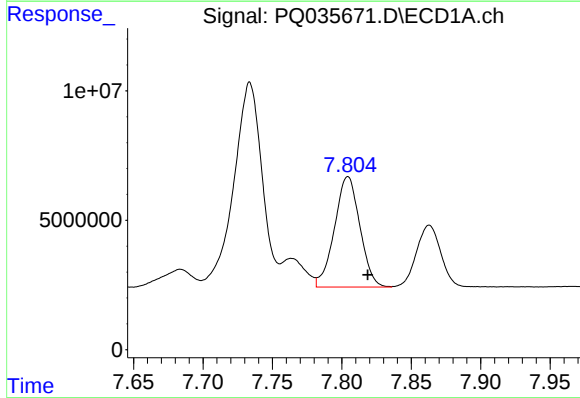
R.T.: 8.352 min
Delta R.T.: -0.016 min
Response: 124773485
Conc: 418.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



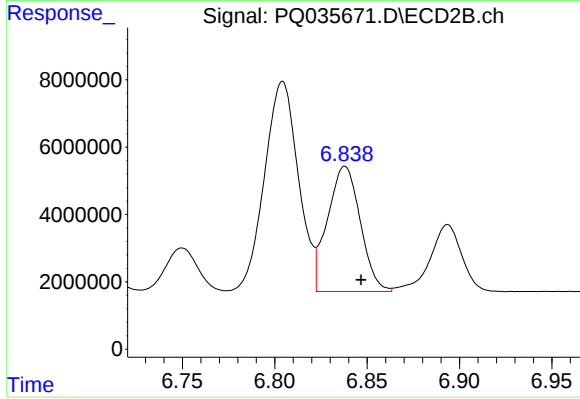
#35 AR-1260-5

R.T.: 7.341 min
Delta R.T.: -0.009 min
Response: 97589823
Conc: 434.90 ng/ml



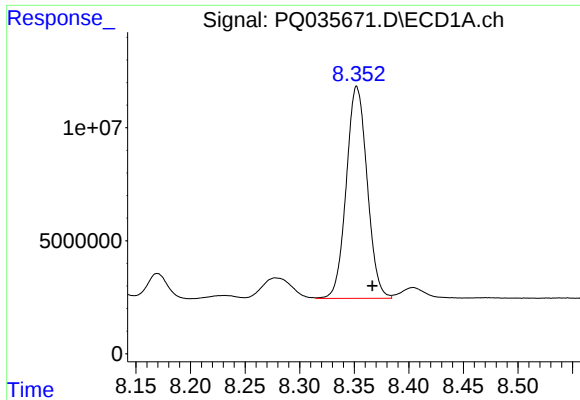
#36 AR-1262-1

R.T.: 7.804 min
Delta R.T.: -0.014 min
Response: 54264898
Conc: 247.70 ng/ml



#36 AR-1262-1

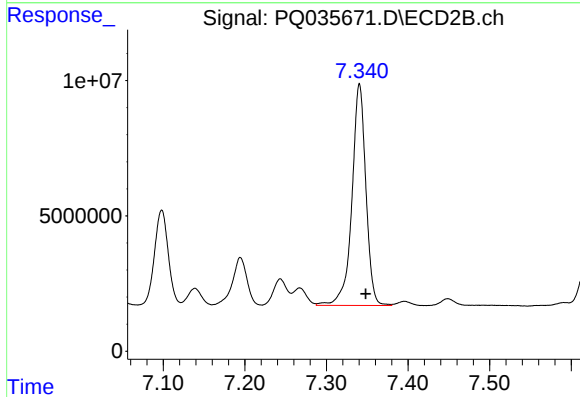
R.T.: 6.838 min
Delta R.T.: -0.009 min
Response: 45954983
Conc: 299.44 ng/ml



#37 AR-1262-2

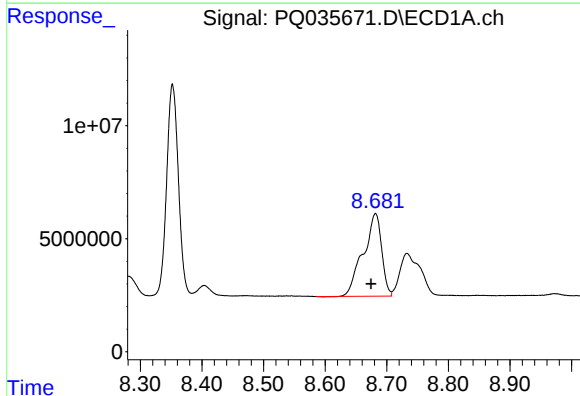
R.T.: 8.352 min
Delta R.T.: -0.014 min
Response: 124773485
Conc: 331.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



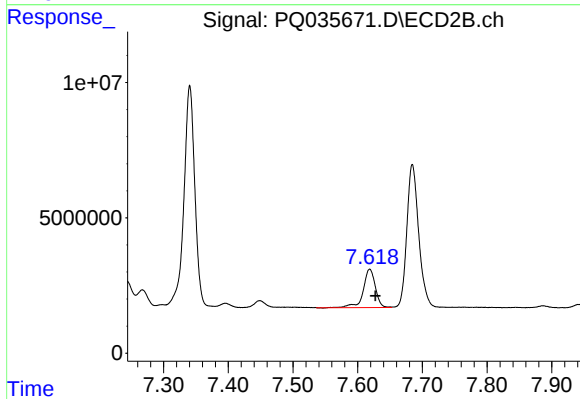
#37 AR-1262-2

R.T.: 7.341 min
Delta R.T.: -0.008 min
Response: 97589823
Conc: 365.69 ng/ml



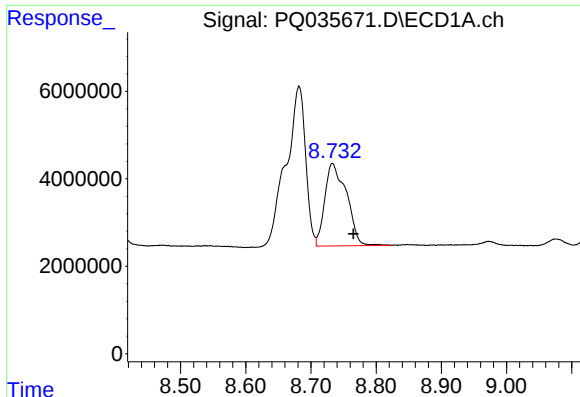
#38 AR-1262-3

R.T.: 8.682 min
Delta R.T.: 0.007 min
Response: 76124777
Conc: 316.67 ng/ml



#38 AR-1262-3

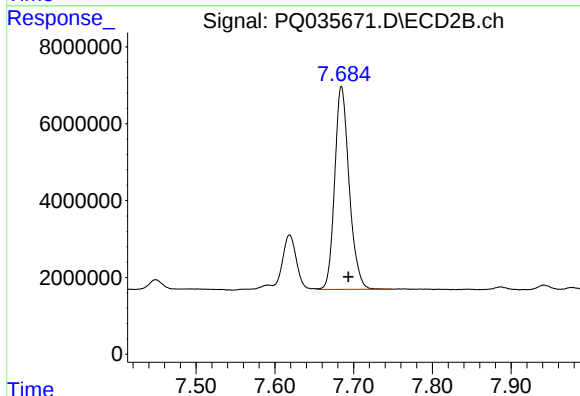
R.T.: 7.619 min
Delta R.T.: -0.009 min
Response: 18428863
Conc: 177.57 ng/ml



#39 AR-1262-4

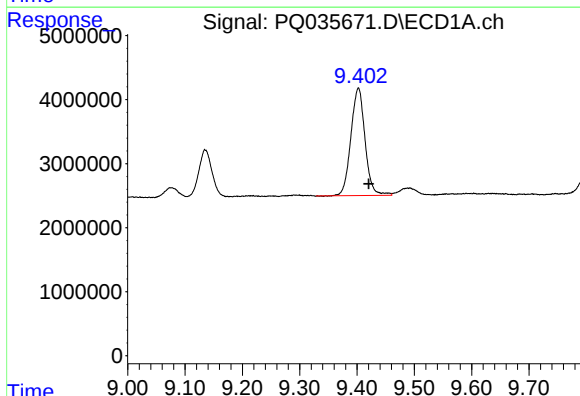
R.T.: 8.733 min
Delta R.T.: -0.032 min
Response: 43601318
Conc: 241.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



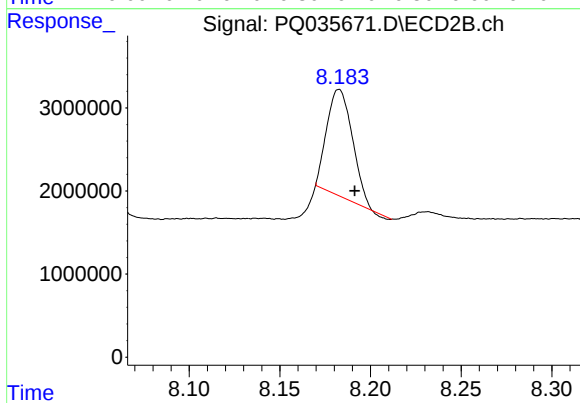
#39 AR-1262-4

R.T.: 7.685 min
Delta R.T.: -0.009 min
Response: 67519963
Conc: 364.49 ng/ml



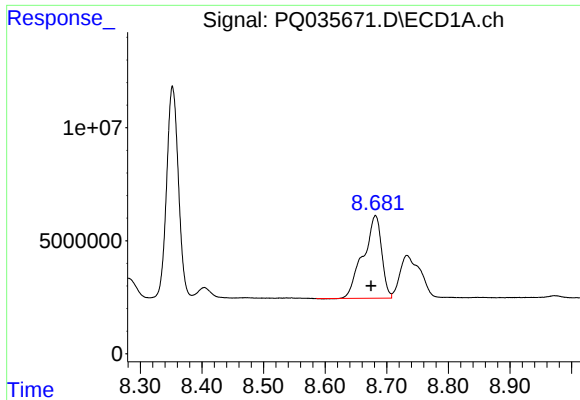
#40 AR-1262-5

R.T.: 9.402 min
Delta R.T.: -0.018 min
Response: 28812680
Conc: 253.00 ng/ml



#40 AR-1262-5

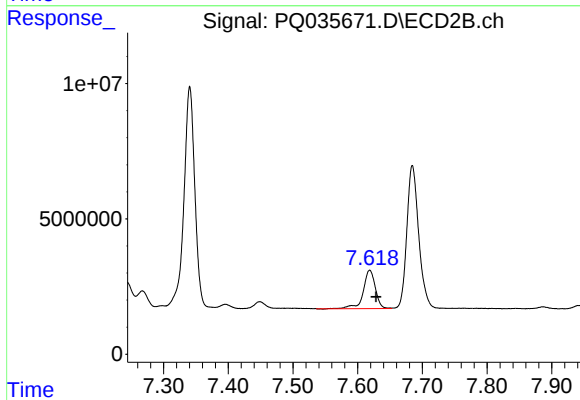
R.T.: 8.183 min
Delta R.T.: -0.009 min
Response: 12510072
Conc: 168.54 ng/ml



#41 AR-1268-1

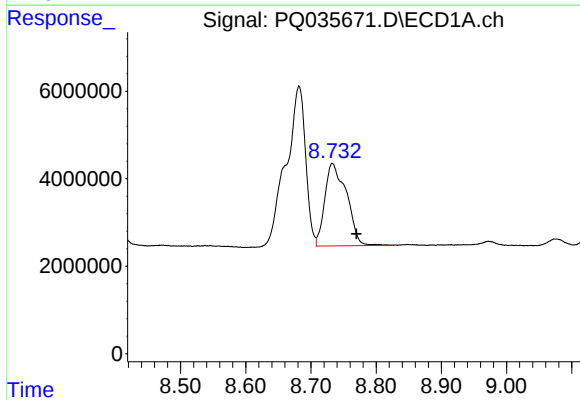
R.T.: 8.682 min
Delta R.T.: 0.007 min
Response: 76124777
Conc: 157.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



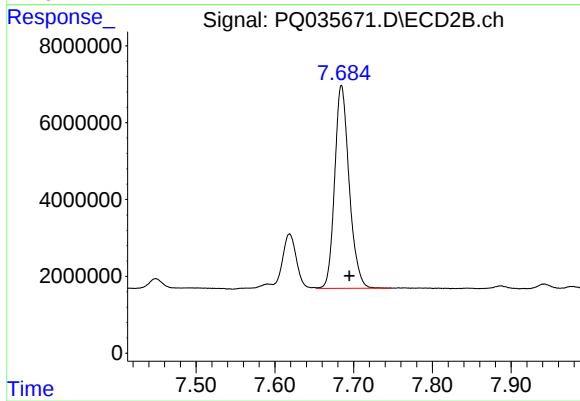
#41 AR-1268-1

R.T.: 7.619 min
Delta R.T.: -0.010 min
Response: 18428863
Conc: 55.27 ng/ml



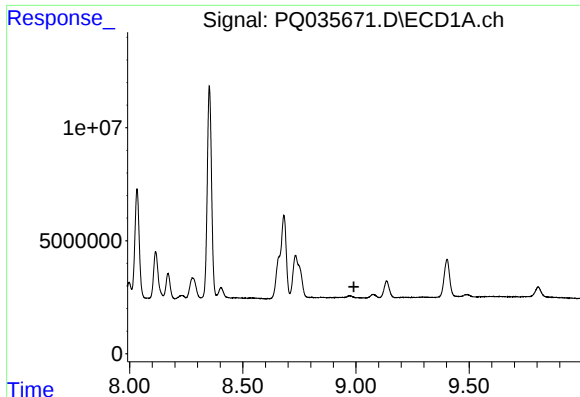
#42 AR-1268-2

R.T.: 8.733 min
Delta R.T.: -0.037 min
Response: 43601318
Conc: 101.06 ng/ml



#42 AR-1268-2

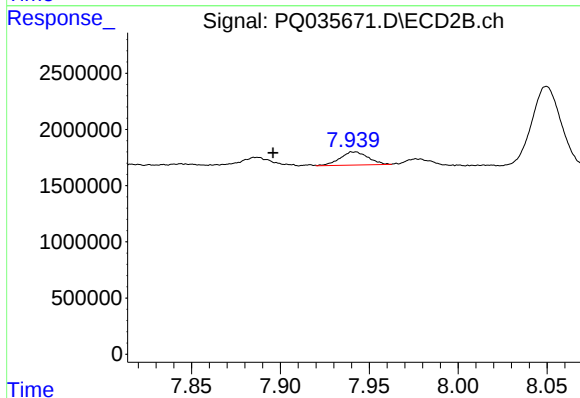
R.T.: 7.685 min
Delta R.T.: -0.010 min
Response: 67519963
Conc: 227.83 ng/ml



#43 AR-1268-3

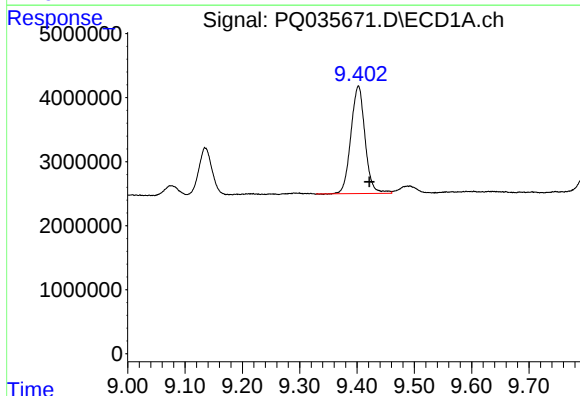
R.T.: 0.000 min
Exp R.T.: 8.991 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



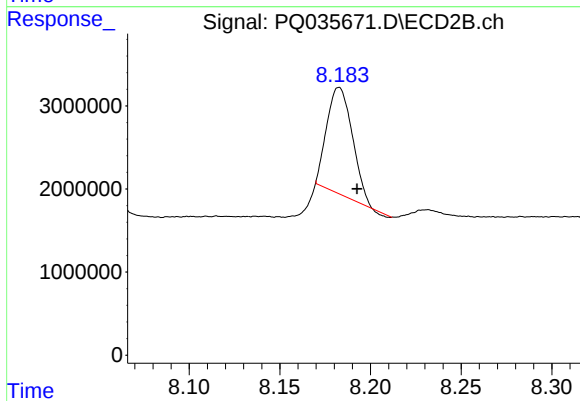
#43 AR-1268-3

R.T.: 7.942 min
Delta R.T.: 0.046 min
Response: 1285236
Conc: 5.26 ng/ml



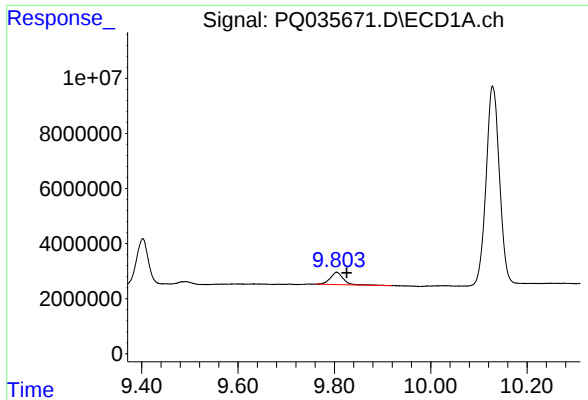
#44 AR-1268-4

R.T.: 9.402 min
Delta R.T.: -0.019 min
Response: 28812680
Conc: 210.17 ng/ml



#44 AR-1268-4

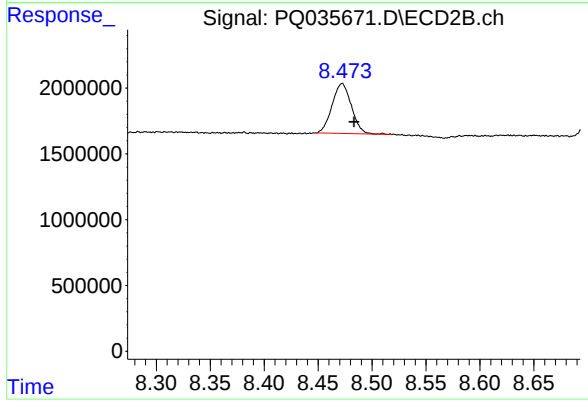
R.T.: 8.183 min
Delta R.T.: -0.010 min
Response: 12510072
Conc: 134.10 ng/ml



#45 AR-1268-5

R.T.: 9.805 min
Delta R.T.: -0.021 min
Response: 8555584
Conc: 7.39 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.472 min
Delta R.T.: -0.011 min
Response: 4741033
Conc: 6.49 ng/ml