

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
 Data File : PQ036106.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2018 16:15
 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 29 02:36:16 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 24 12:28:48 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...	4.403	3.727	241.6E6	136.7E6	61.745	61.201
2)	SA Decachlor...	10.077	8.696	172.5E6	99925988	58.510	56.536
Target Compounds							
3)	L1 AR-1016-1	5.566	4.804	73128324	43376858	571.550	562.574
4)	L1 AR-1016-2	5.588	4.822	109.2E6	62932617	569.146	556.143
5)	L1 AR-1016-3	5.649	4.998	64375867	32518942	562.483	556.837
6)	L1 AR-1016-4	5.749	5.037	52721585	26026197	553.637	553.505
7)	L1 AR-1016-5	6.041	5.250	51536262	32233667	566.111	525.082
8)	L2 AR-1221-1	4.609	3.937	5904673	3736146	172.843	183.116
9)	L2 AR-1221-2	4.700	4.025	9078238	5539556	356.333	374.782
10)	L2 AR-1221-3	4.776	4.099	36142161	20241215	434.295	416.652
11)	L3 AR-1232-1	4.776	4.099	36142161	20241215	497.018	459.700
12)	L3 AR-1232-2	5.301	4.853	51858089	3785411	1345.631	77.155 #
13)	L3 AR-1232-3	5.649	5.037	64375867	26026197	787.285	1018.578 #
14)	L3 AR-1232-4	5.749	5.109	52721585	10850010	1316.643	475.537 #
15)	L3 AR-1232-5	5.881	5.289	47610799	12370626	1503.409	495.274 #
16)	L4 AR-1242-1	5.588	4.822	109.2E6	62932617	1131.399	1063.537
17)	L4 AR-1242-2	5.649	4.853	64375867	3785411	443.708	43.961 #
18)	L4 AR-1242-3	5.649	5.037	64375867	26026197	744.092	577.906
19)	L4 AR-1242-4	5.749	5.109	52721585	10850010	762.093	245.023 #
20)	L4 AR-1242-5	6.482	5.638	14344950	8077892	182.848	146.366
21)	L5 AR-1248-1	5.588	4.822	109.2E6	62932617	1653.739	1595.056
22)	L5 AR-1248-2	5.881	5.078	47610799	31051345	502.304	572.122
23)	L5 AR-1248-3	6.081	5.109	21662569	10850010	207.317	194.435
24)	L5 AR-1248-4	6.482	5.289	14344950	12370626	116.485	178.702 #
25)	L5 AR-1248-5	6.482	5.687	14344950	5781595	122.614	82.029 #
26)	L6 AR-1254-1	6.443	5.638	17627592	8077892	115.793	60.559 #
27)	L6 AR-1254-2	6.681	5.743	2418383	28566497	10.221	247.224 #
28)	L6 AR-1254-3	7.054	6.155	62665615	48907132	244.067	253.328
29)	L6 AR-1254-4	7.346	6.399	18669624	16171657	102.968	134.379 #
30)	L6 AR-1254-5	7.734	6.819	18817298	56520578	95.933	347.045 #
31)	L7 AR-1260-1	7.161	6.271	102.6E6	67074230	556.355	533.235
32)	L7 AR-1260-2	7.416	6.459	123.1E6	81165775	566.465	537.475
33)	L7 AR-1260-3	7.774	6.612	75431295	75988859	563.079	543.809
34)	L7 AR-1260-4	8.003	7.079	93098137	51227176	564.879	551.686
35)	L7 AR-1260-5	8.320	7.322	177.8E6	127.5E6	596.296	568.383
36)	L8 AR-1262-1	7.832	6.874	40817521	29825454	186.317	194.343
37)	L8 AR-1262-2	8.371	7.322	9766944	127.5E6	25.926	477.940 #
38)	L8 AR-1262-3	8.696	7.599	59652500	22183516	248.149	213.749
39)	L8 AR-1262-4	8.696	7.667	59652500	88132597	330.177	475.765 #
40)	L8 AR-1262-5	9.450	8.210	1938190	1353504	17.019	18.235
41)	L9 AR-1268-1	8.696	7.599	59652500	22183516	123.635	66.525 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122818\
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 Acq On : 28 Dec 2018 16:15
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

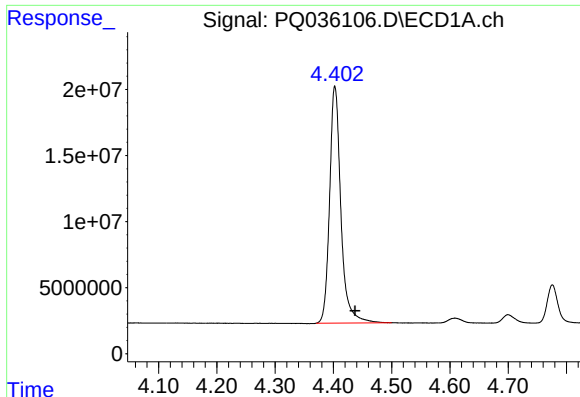
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 02:36:16 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	0.000	7.667	0	88132597	N.D.	297.387 #
43) L9	AR-1268-3	9.040	7.923	5997653	2044699	15.870	8.365 #
44) L9	AR-1268-4	9.450	8.210	1938190	1353504	14.138	14.509
45) L9	AR-1268-5	9.759	0.000	9641597	0	8.329	N.D. #

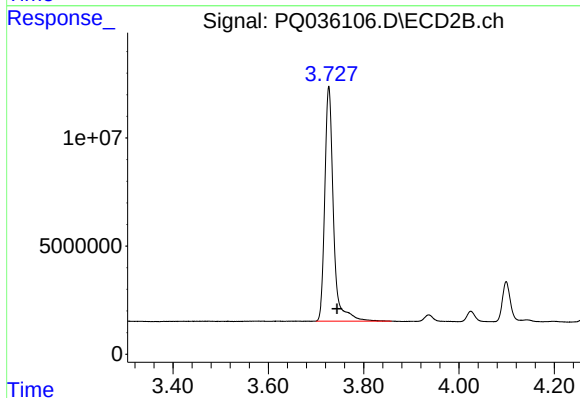
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

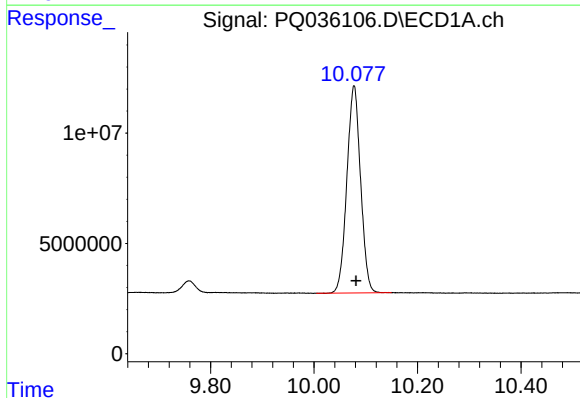
R.T.: 4.403 min
Delta R.T.: -0.034 min
Response: 241587547
Conc: 61.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



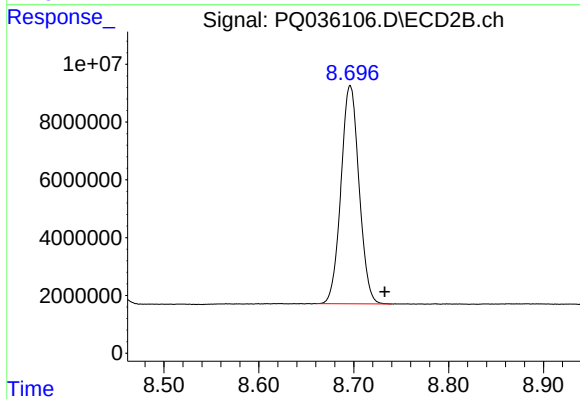
#1 Tetrachloro-m-xylene

R.T.: 3.727 min
Delta R.T.: -0.017 min
Response: 136746755
Conc: 61.20 ng/ml



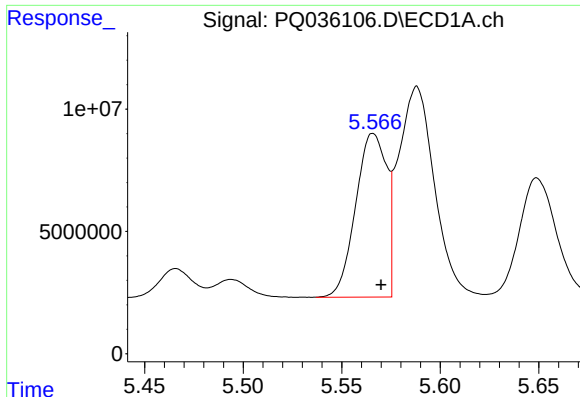
#2 Decachlorobiphenyl

R.T.: 10.077 min
Delta R.T.: -0.004 min
Response: 172461567
Conc: 58.51 ng/ml



#2 Decachlorobiphenyl

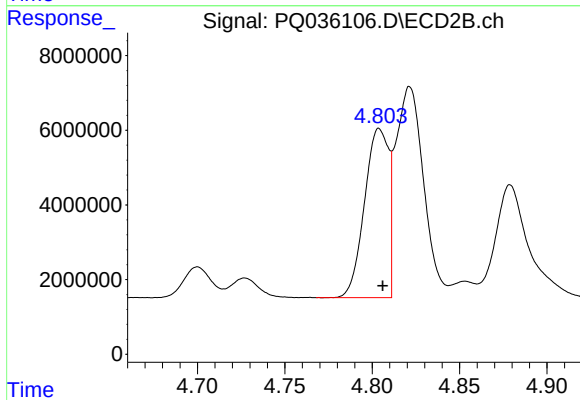
R.T.: 8.696 min
Delta R.T.: -0.036 min
Response: 99925988
Conc: 56.54 ng/ml



#3 AR-1016-1

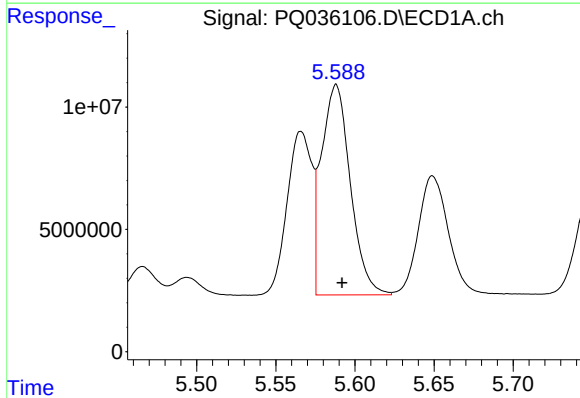
R.T.: 5.566 min
Delta R.T.: -0.004 min
Response: 73128324
Conc: 571.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



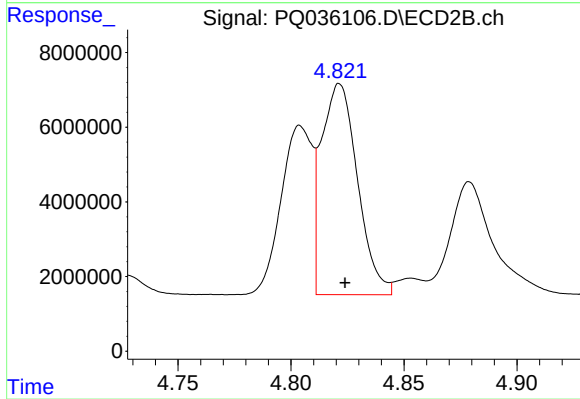
#3 AR-1016-1

R.T.: 4.804 min
Delta R.T.: -0.002 min
Response: 43376858
Conc: 562.57 ng/ml



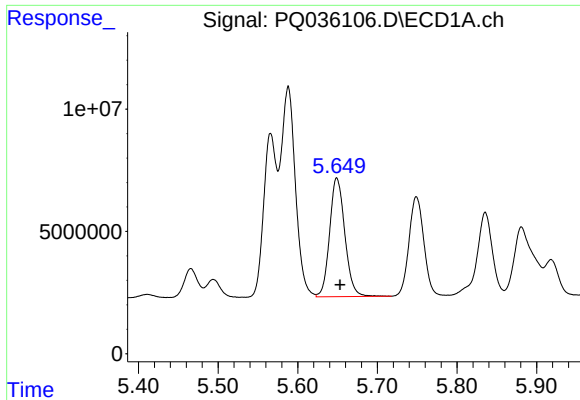
#4 AR-1016-2

R.T.: 5.588 min
Delta R.T.: -0.004 min
Response: 109156510
Conc: 569.15 ng/ml



#4 AR-1016-2

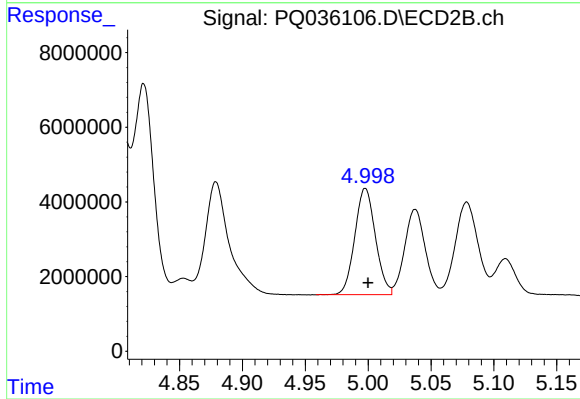
R.T.: 4.822 min
Delta R.T.: -0.002 min
Response: 62932617
Conc: 556.14 ng/ml



#5 AR-1016-3

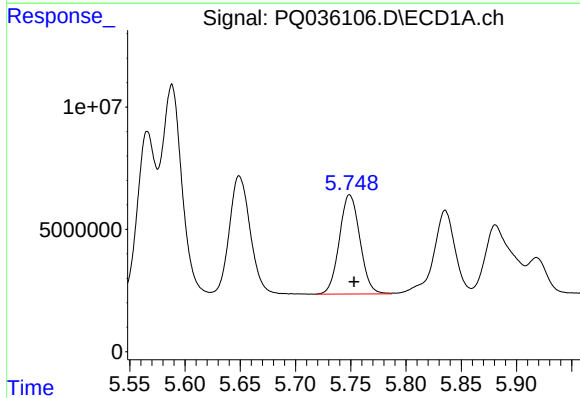
R.T.: 5.649 min
Delta R.T.: -0.004 min
Response: 64375867
Conc: 562.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



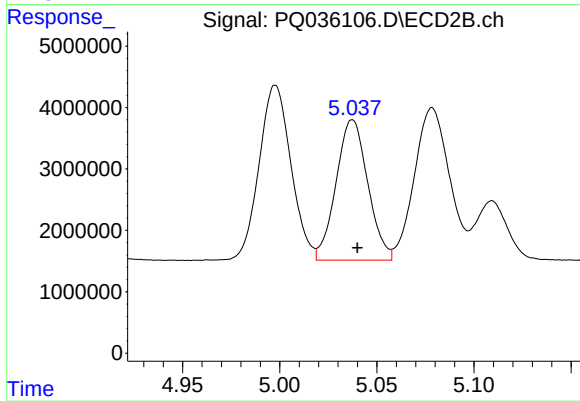
#5 AR-1016-3

R.T.: 4.998 min
Delta R.T.: -0.002 min
Response: 32518942
Conc: 556.84 ng/ml



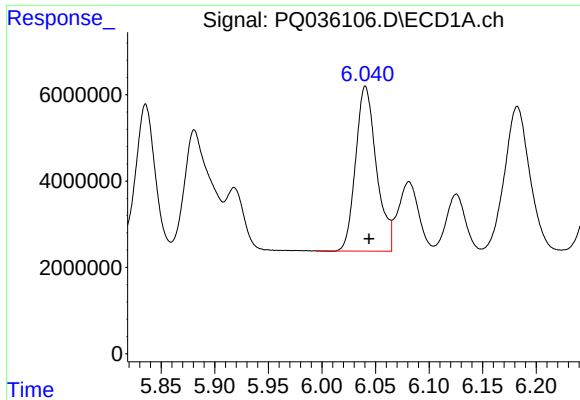
#6 AR-1016-4

R.T.: 5.749 min
Delta R.T.: -0.004 min
Response: 52721585
Conc: 553.64 ng/ml



#6 AR-1016-4

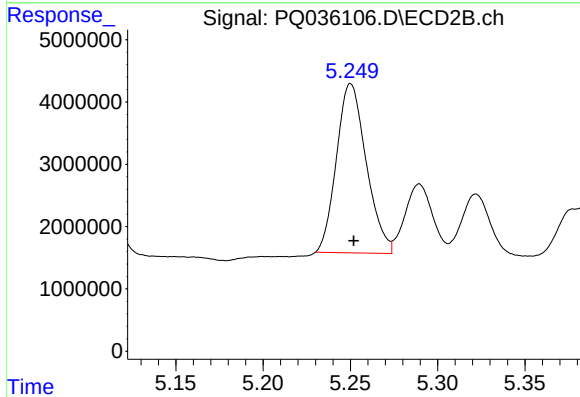
R.T.: 5.037 min
Delta R.T.: -0.003 min
Response: 26026197
Conc: 553.50 ng/ml



#7 AR-1016-5

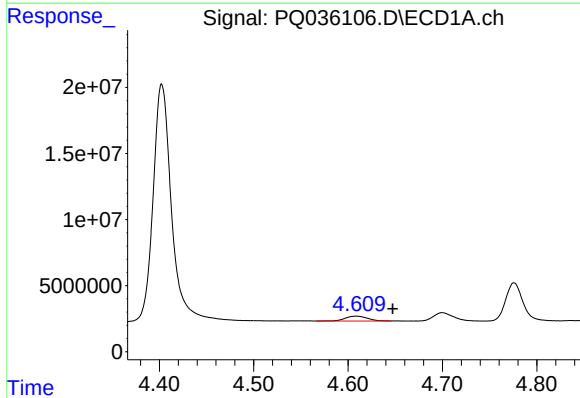
R.T.: 6.041 min
Delta R.T.: -0.003 min
Response: 51536262
Conc: 566.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



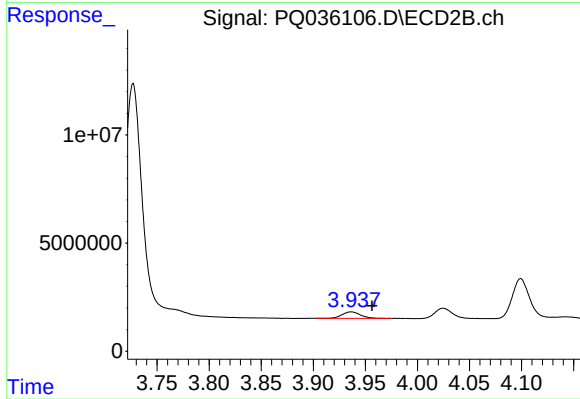
#7 AR-1016-5

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 32233667
Conc: 525.08 ng/ml



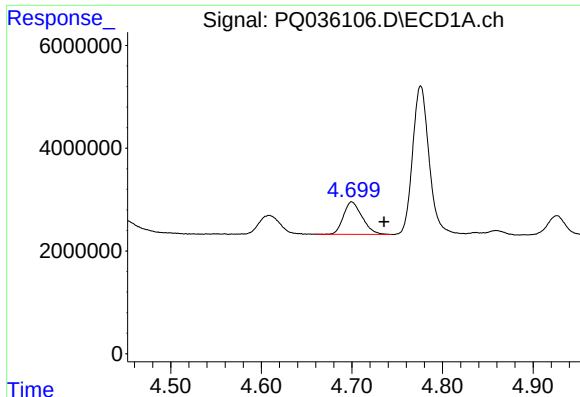
#8 AR-1221-1

R.T.: 4.609 min
Delta R.T.: -0.038 min
Response: 5904673
Conc: 172.84 ng/ml



#8 AR-1221-1

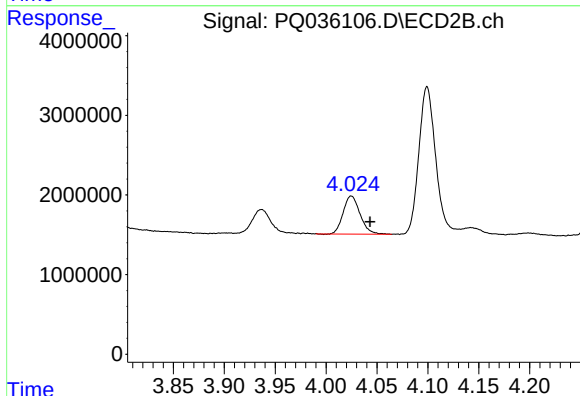
R.T.: 3.937 min
Delta R.T.: -0.020 min
Response: 3736146
Conc: 183.12 ng/ml



#9 AR-1221-2

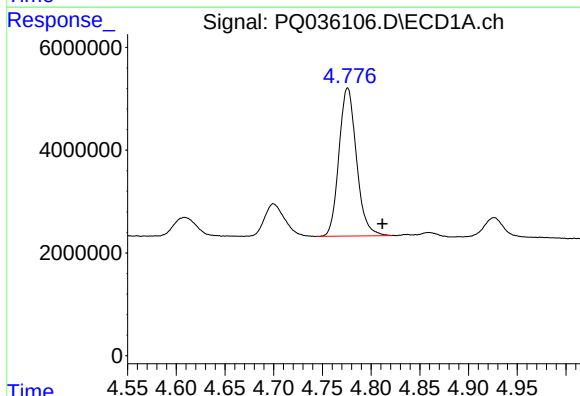
R.T.: 4.700 min
Delta R.T.: -0.035 min
Response: 9078238
Conc: 356.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



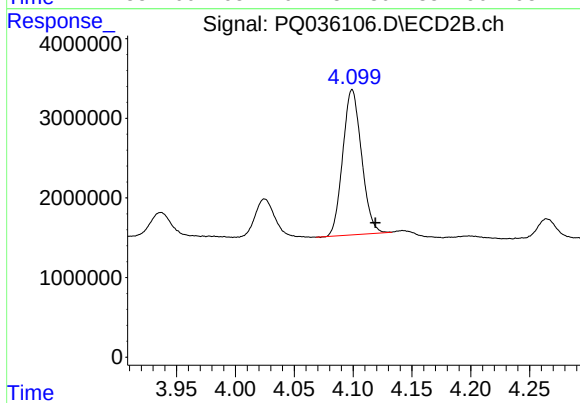
#9 AR-1221-2

R.T.: 4.025 min
Delta R.T.: -0.018 min
Response: 5539556
Conc: 374.78 ng/ml



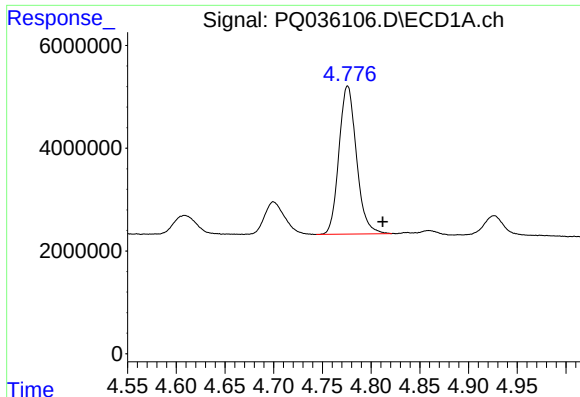
#10 AR-1221-3

R.T.: 4.776 min
Delta R.T.: -0.036 min
Response: 36142161
Conc: 434.29 ng/ml



#10 AR-1221-3

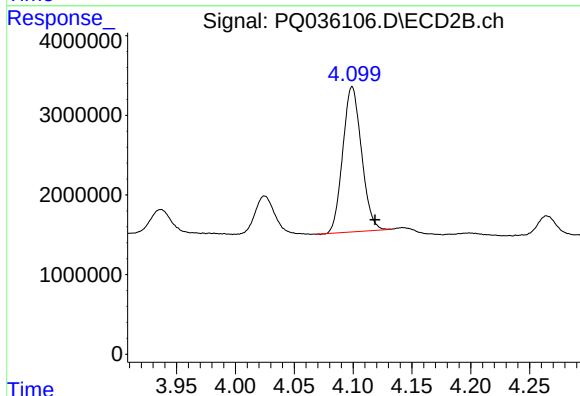
R.T.: 4.099 min
Delta R.T.: -0.020 min
Response: 20241215
Conc: 416.65 ng/ml



#11 AR-1232-1

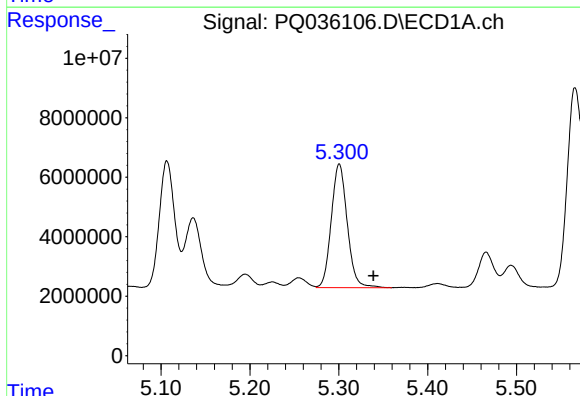
R.T.: 4.776 min
Delta R.T.: -0.036 min
Response: 36142161
Conc: 497.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



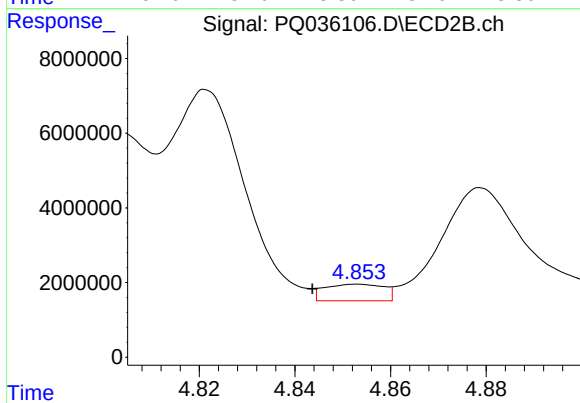
#11 AR-1232-1

R.T.: 4.099 min
Delta R.T.: -0.019 min
Response: 20241215
Conc: 459.70 ng/ml



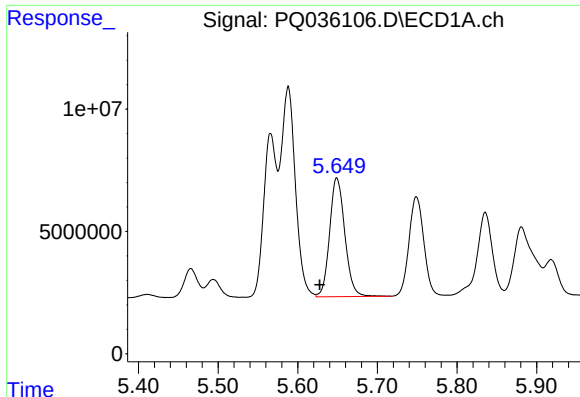
#12 AR-1232-2

R.T.: 5.301 min
Delta R.T.: -0.038 min
Response: 51858089
Conc: 1345.63 ng/ml



#12 AR-1232-2

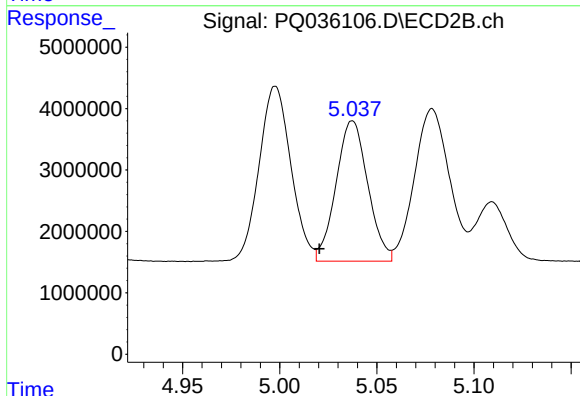
R.T.: 4.853 min
Delta R.T.: 0.009 min
Response: 3785411
Conc: 77.16 ng/ml



#13 AR-1232-3

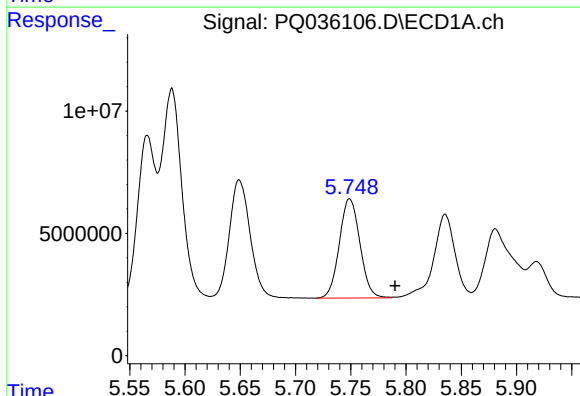
R.T.: 5.649 min
Delta R.T.: 0.022 min
Response: 64375867
Conc: 787.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



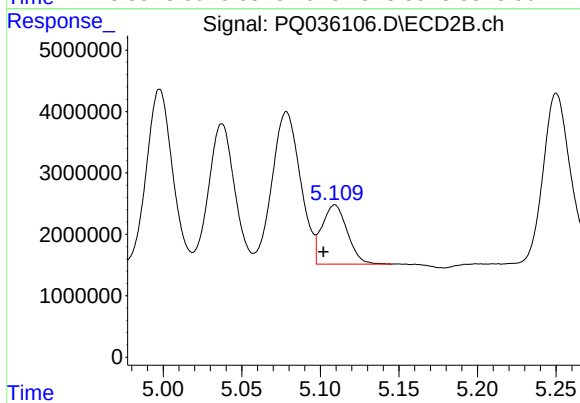
#13 AR-1232-3

R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 26026197
Conc: 1018.58 ng/ml



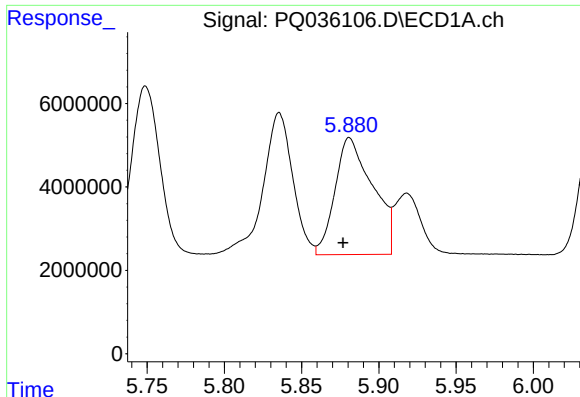
#14 AR-1232-4

R.T.: 5.749 min
Delta R.T.: -0.041 min
Response: 52721585
Conc: 1316.64 ng/ml



#14 AR-1232-4

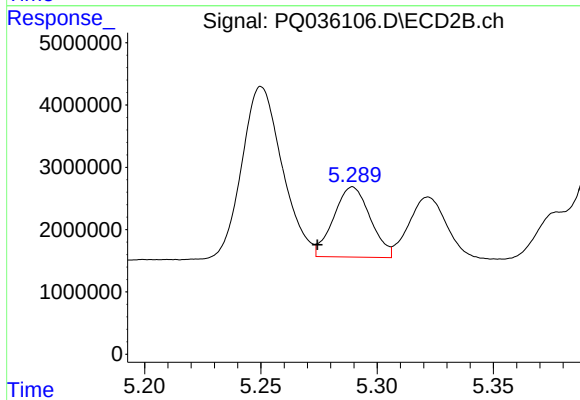
R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 10850010
Conc: 475.54 ng/ml



#15 AR-1232-5

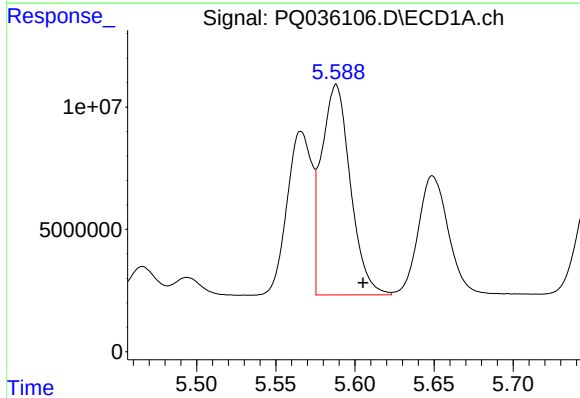
R.T.: 5.881 min
Delta R.T.: 0.004 min
Response: 47610799
Conc: 1503.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



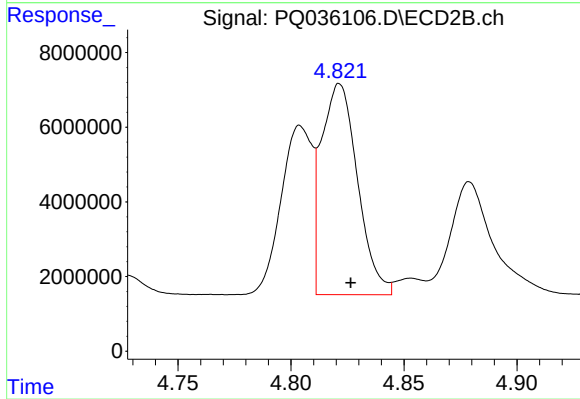
#15 AR-1232-5

R.T.: 5.289 min
Delta R.T.: 0.015 min
Response: 12370626
Conc: 495.27 ng/ml



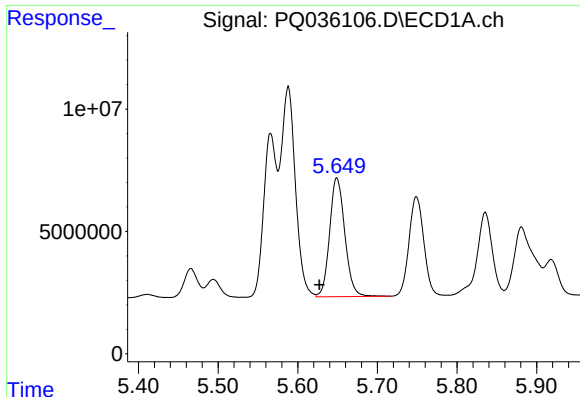
#16 AR-1242-1

R.T.: 5.588 min
Delta R.T.: -0.017 min
Response: 109156510
Conc: 1131.40 ng/ml



#16 AR-1242-1

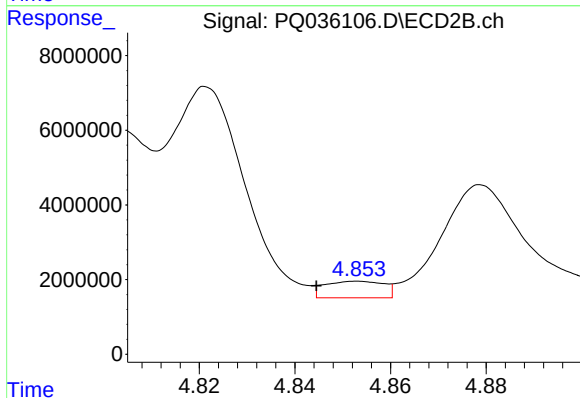
R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 62932617
Conc: 1063.54 ng/ml



#17 AR-1242-2

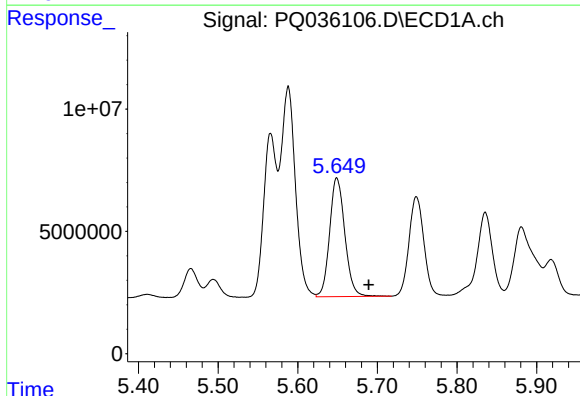
R.T.: 5.649 min
Delta R.T.: 0.022 min
Response: 64375867
Conc: 443.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



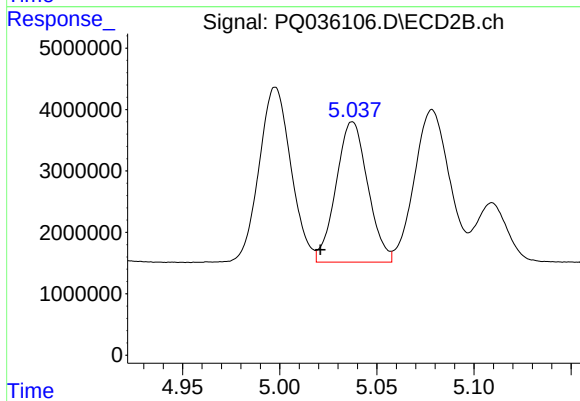
#17 AR-1242-2

R.T.: 4.853 min
Delta R.T.: 0.009 min
Response: 3785411
Conc: 43.96 ng/ml



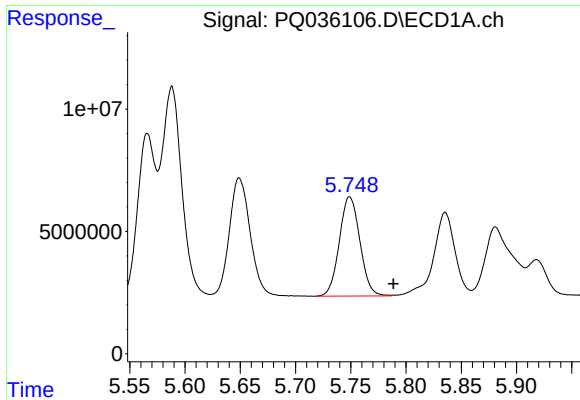
#18 AR-1242-3

R.T.: 5.649 min
Delta R.T.: -0.040 min
Response: 64375867
Conc: 744.09 ng/ml



#18 AR-1242-3

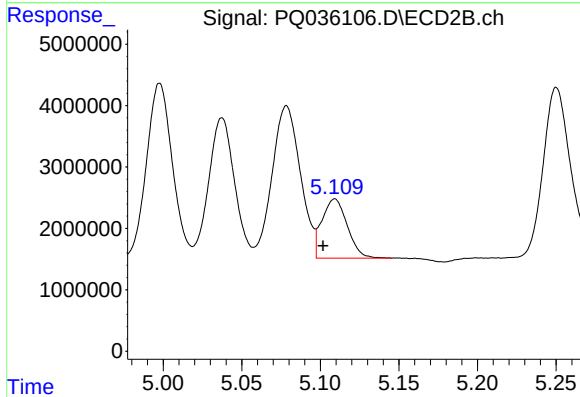
R.T.: 5.037 min
Delta R.T.: 0.017 min
Response: 26026197
Conc: 577.91 ng/ml



#19 AR-1242-4

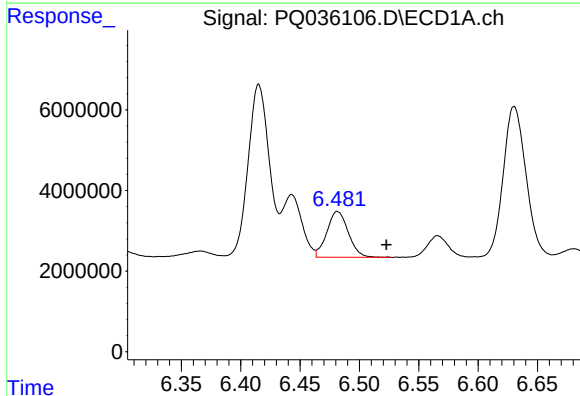
R.T.: 5.749 min
Delta R.T.: -0.040 min
Response: 52721585
Conc: 762.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



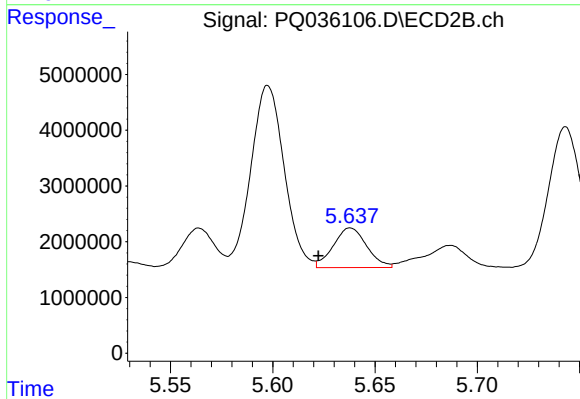
#19 AR-1242-4

R.T.: 5.109 min
Delta R.T.: 0.007 min
Response: 10850010
Conc: 245.02 ng/ml



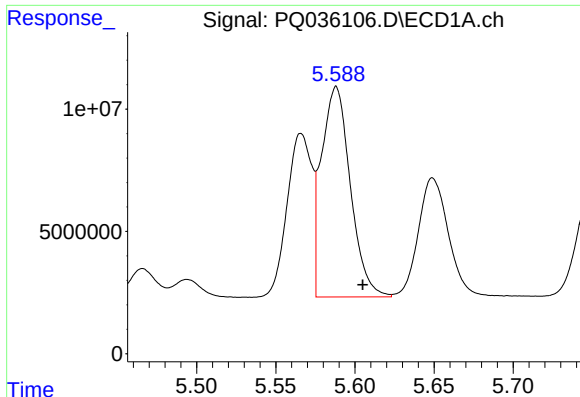
#20 AR-1242-5

R.T.: 6.482 min
Delta R.T.: -0.041 min
Response: 14344950
Conc: 182.85 ng/ml



#20 AR-1242-5

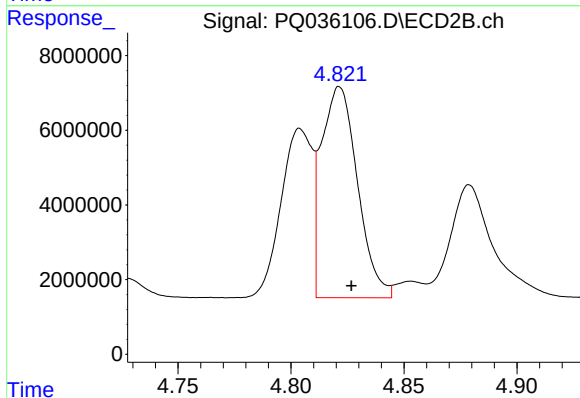
R.T.: 5.638 min
Delta R.T.: 0.016 min
Response: 8077892
Conc: 146.37 ng/ml



#21 AR-1248-1

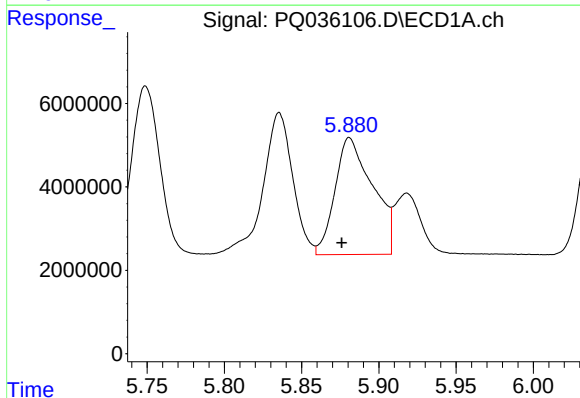
R.T.: 5.588 min
Delta R.T.: -0.017 min
Response: 109156510
Conc: 1653.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



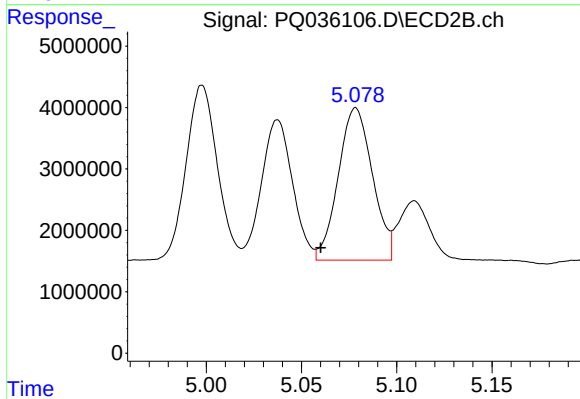
#21 AR-1248-1

R.T.: 4.822 min
Delta R.T.: -0.005 min
Response: 62932617
Conc: 1595.06 ng/ml



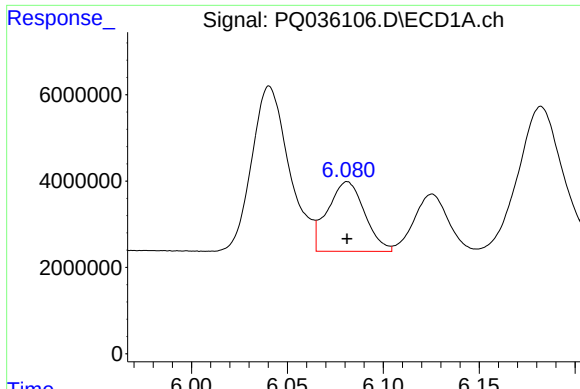
#22 AR-1248-2

R.T.: 5.881 min
Delta R.T.: 0.005 min
Response: 47610799
Conc: 502.30 ng/ml



#22 AR-1248-2

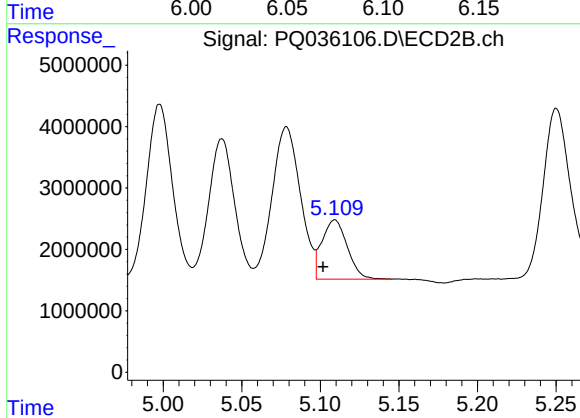
R.T.: 5.078 min
Delta R.T.: 0.018 min
Response: 31051345
Conc: 572.12 ng/ml



#23 AR-1248-3

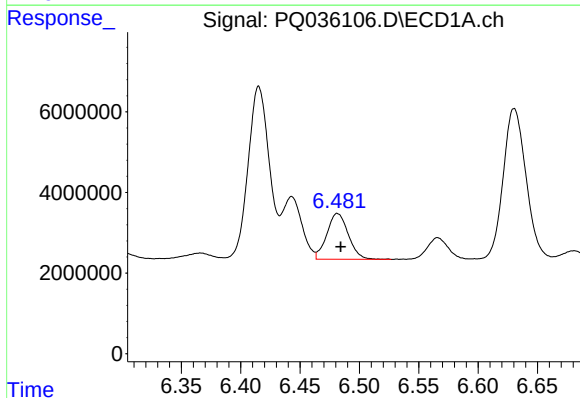
R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 21662569
Conc: 207.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



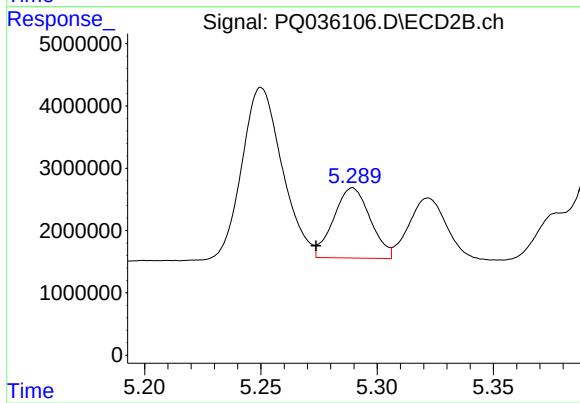
#23 AR-1248-3

R.T.: 5.109 min
Delta R.T.: 0.008 min
Response: 10850010
Conc: 194.44 ng/ml



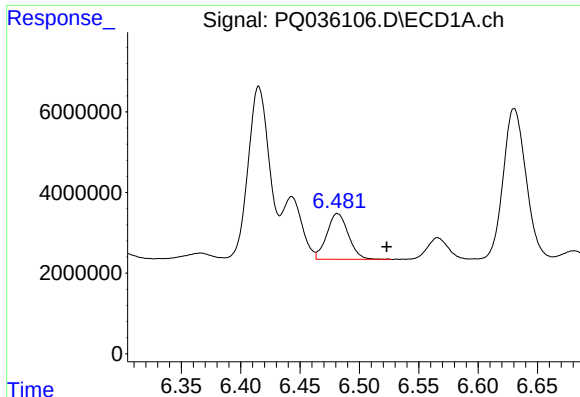
#24 AR-1248-4

R.T.: 6.482 min
Delta R.T.: -0.003 min
Response: 14344950
Conc: 116.49 ng/ml



#24 AR-1248-4

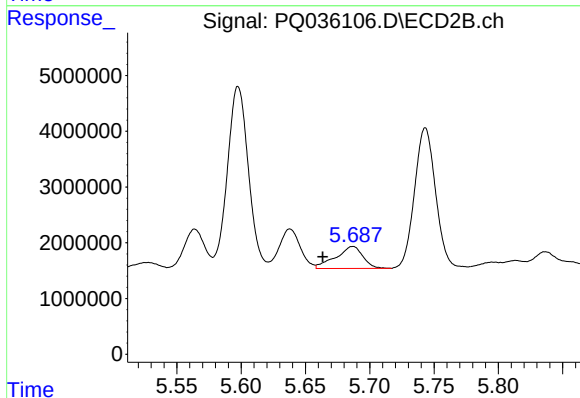
R.T.: 5.289 min
Delta R.T.: 0.016 min
Response: 12370626
Conc: 178.70 ng/ml



#25 AR-1248-5

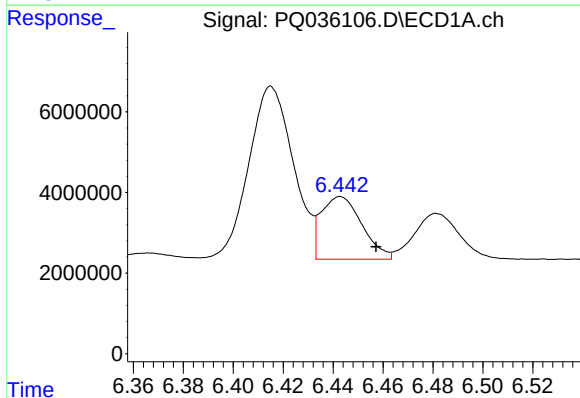
R.T.: 6.482 min
Delta R.T.: -0.042 min
Response: 14344950
Conc: 122.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



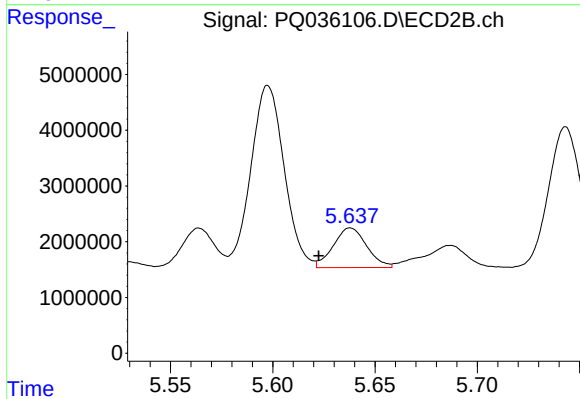
#25 AR-1248-5

R.T.: 5.687 min
Delta R.T.: 0.023 min
Response: 5781595
Conc: 82.03 ng/ml



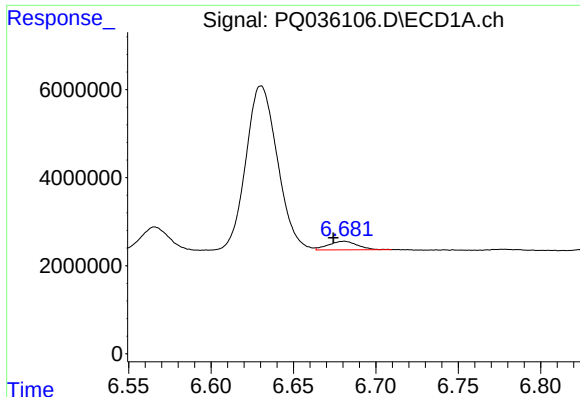
#26 AR-1254-1

R.T.: 6.443 min
Delta R.T.: -0.014 min
Response: 17627592
Conc: 115.79 ng/ml



#26 AR-1254-1

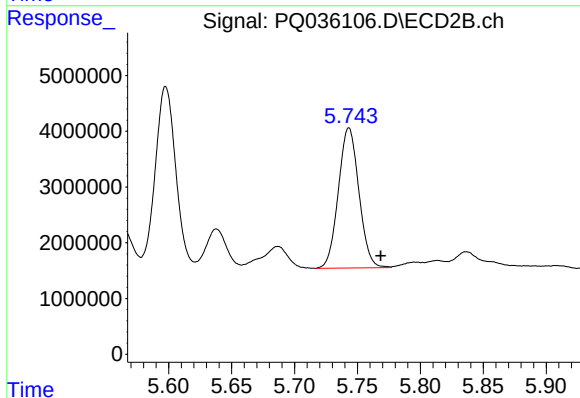
R.T.: 5.638 min
Delta R.T.: 0.015 min
Response: 8077892
Conc: 60.56 ng/ml



#27 AR-1254-2

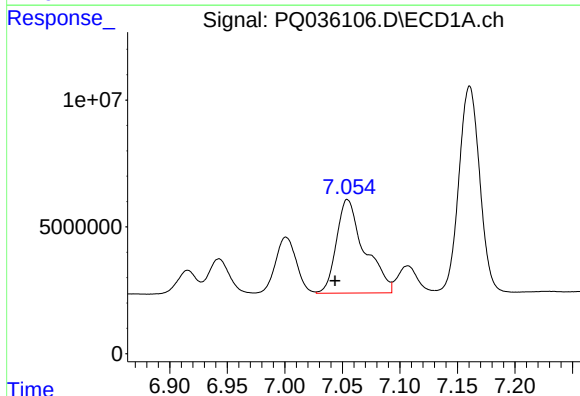
R.T.: 6.681 min
Delta R.T.: 0.006 min
Response: 2418383
Conc: 10.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



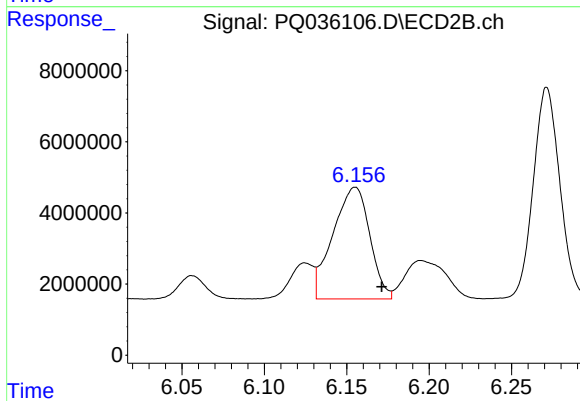
#27 AR-1254-2

R.T.: 5.743 min
Delta R.T.: -0.025 min
Response: 28566497
Conc: 247.22 ng/ml



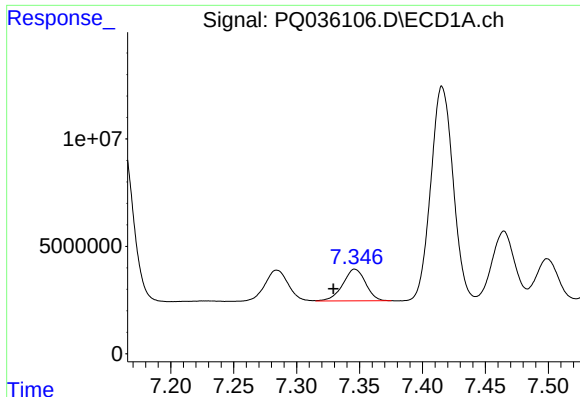
#28 AR-1254-3

R.T.: 7.054 min
Delta R.T.: 0.011 min
Response: 62665615
Conc: 244.07 ng/ml



#28 AR-1254-3

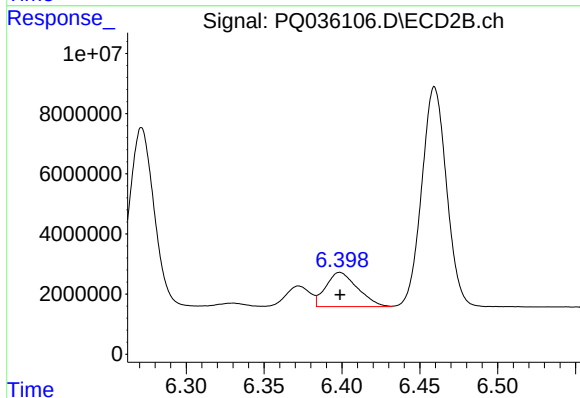
R.T.: 6.155 min
Delta R.T.: -0.016 min
Response: 48907132
Conc: 253.33 ng/ml



#29 AR-1254-4

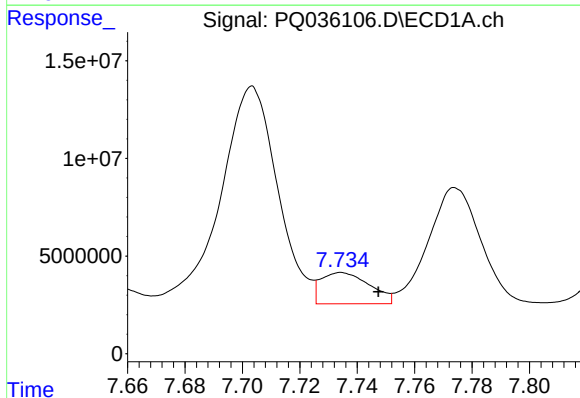
R.T.: 7.346 min
Delta R.T.: 0.017 min
Response: 18669624
Conc: 102.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



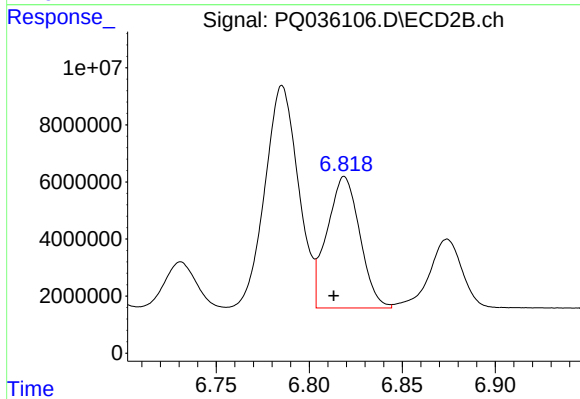
#29 AR-1254-4

R.T.: 6.399 min
Delta R.T.: 0.000 min
Response: 16171657
Conc: 134.38 ng/ml



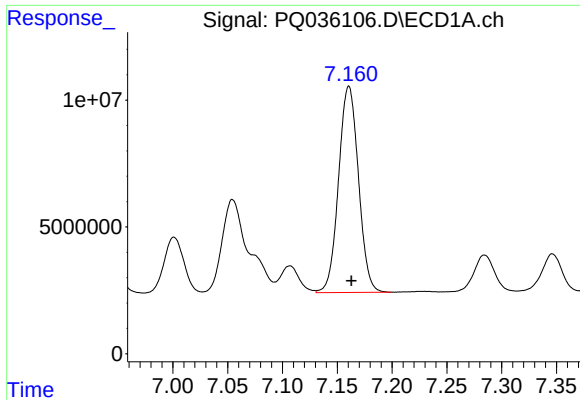
#30 AR-1254-5

R.T.: 7.734 min
Delta R.T.: -0.013 min
Response: 18817298
Conc: 95.93 ng/ml



#30 AR-1254-5

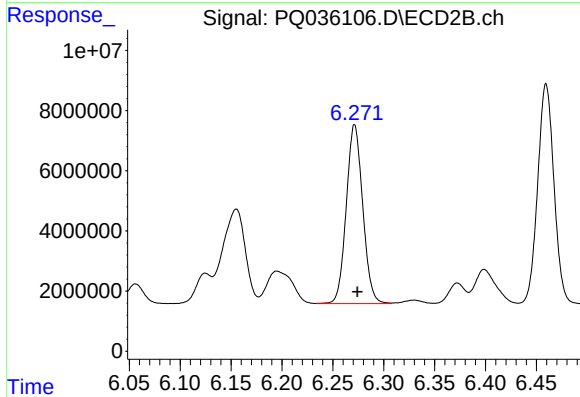
R.T.: 6.819 min
Delta R.T.: 0.006 min
Response: 56520578
Conc: 347.04 ng/ml



#31 AR-1260-1

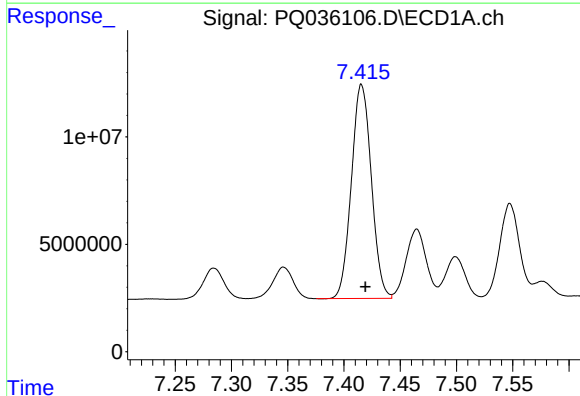
R.T.: 7.161 min
Delta R.T.: -0.002 min
Response: 102593048
Conc: 556.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



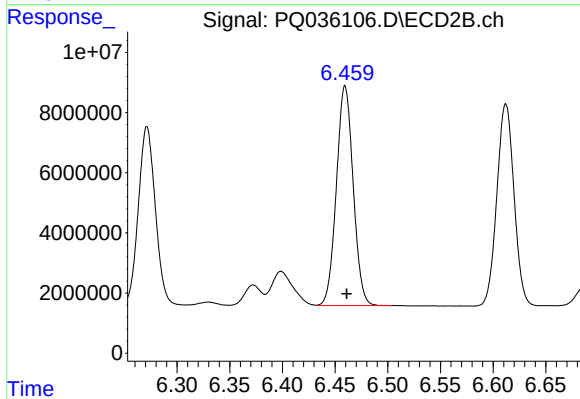
#31 AR-1260-1

R.T.: 6.271 min
Delta R.T.: -0.003 min
Response: 67074230
Conc: 533.24 ng/ml



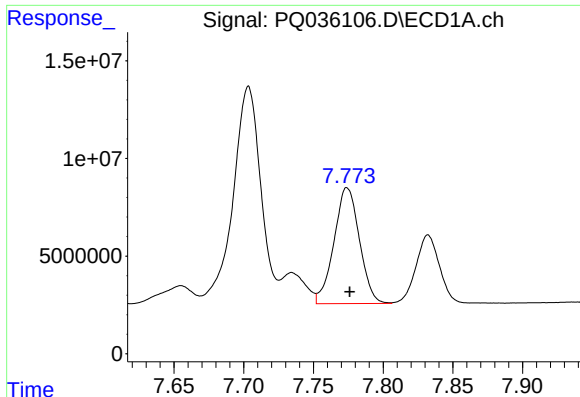
#32 AR-1260-2

R.T.: 7.416 min
Delta R.T.: -0.003 min
Response: 123083740
Conc: 566.46 ng/ml



#32 AR-1260-2

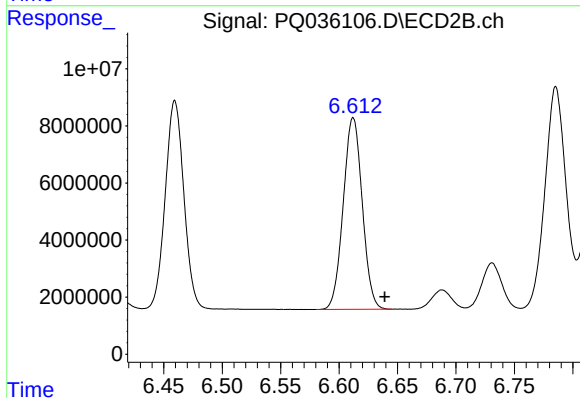
R.T.: 6.459 min
Delta R.T.: -0.002 min
Response: 81165775
Conc: 537.48 ng/ml



#33 AR-1260-3

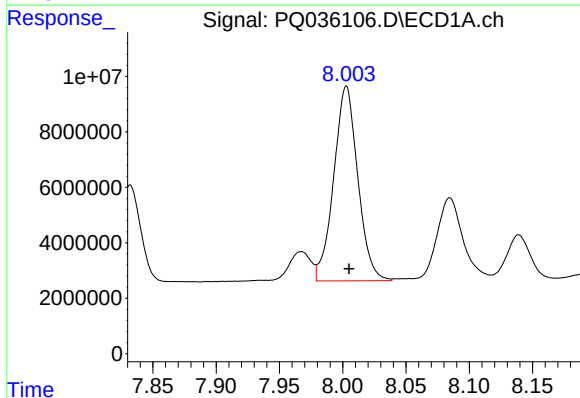
R.T.: 7.774 min
Delta R.T.: -0.002 min
Response: 75431295
Conc: 563.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



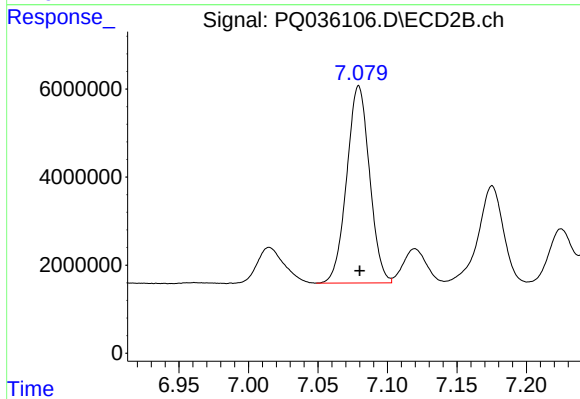
#33 AR-1260-3

R.T.: 6.612 min
Delta R.T.: -0.027 min
Response: 75988859
Conc: 543.81 ng/ml



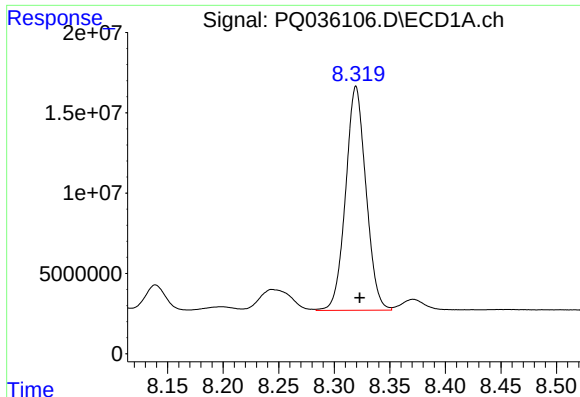
#34 AR-1260-4

R.T.: 8.003 min
Delta R.T.: -0.002 min
Response: 93098137
Conc: 564.88 ng/ml



#34 AR-1260-4

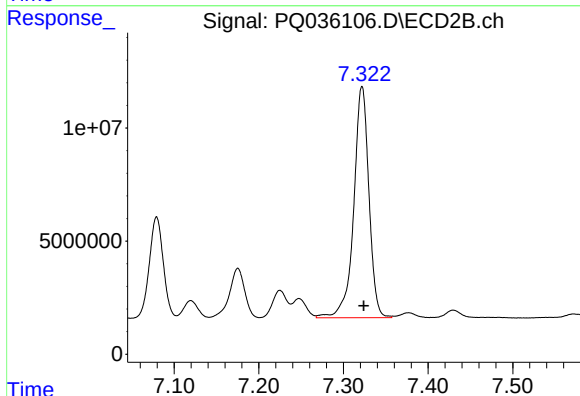
R.T.: 7.079 min
Delta R.T.: 0.000 min
Response: 51227176
Conc: 551.69 ng/ml



#35 AR-1260-5

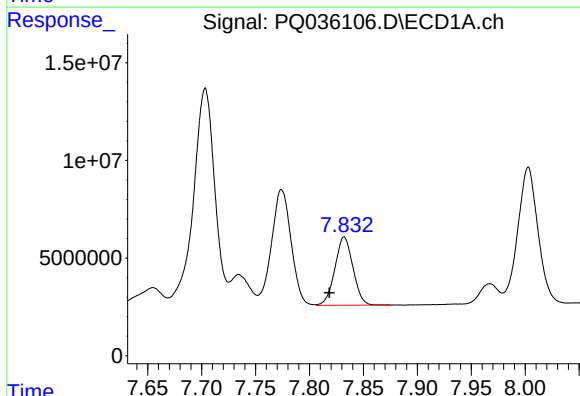
R.T.: 8.320 min
Delta R.T.: -0.003 min
Response: 177795908
Conc: 596.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



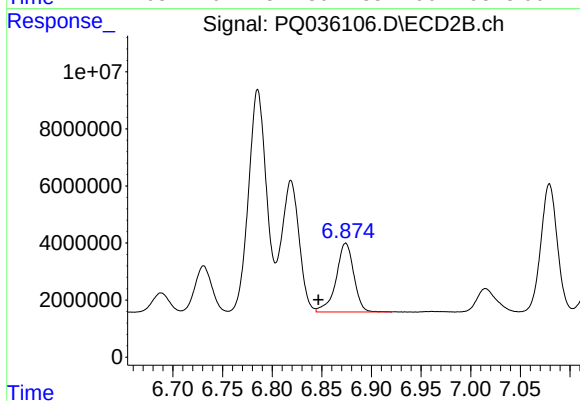
#35 AR-1260-5

R.T.: 7.322 min
Delta R.T.: -0.002 min
Response: 127543731
Conc: 568.38 ng/ml



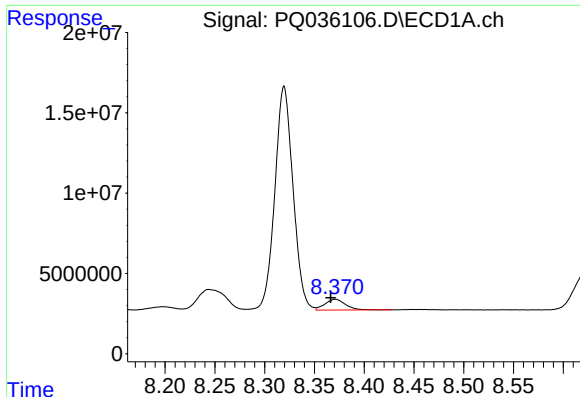
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: 0.014 min
Response: 40817521
Conc: 186.32 ng/ml



#36 AR-1262-1

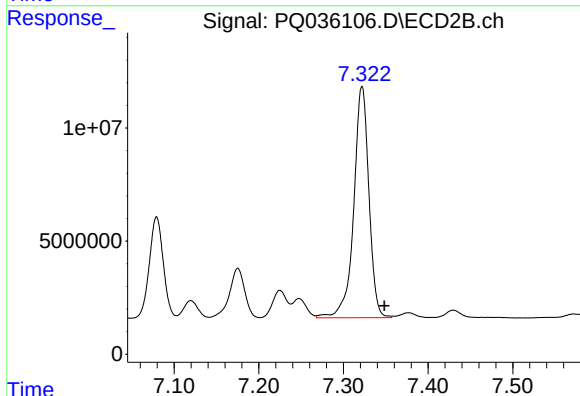
R.T.: 6.874 min
Delta R.T.: 0.027 min
Response: 29825454
Conc: 194.34 ng/ml



#37 AR-1262-2

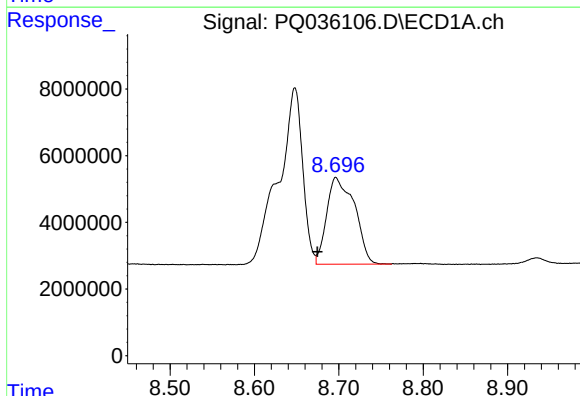
R.T.: 8.371 min
Delta R.T.: 0.005 min
Response: 9766944
Conc: 25.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



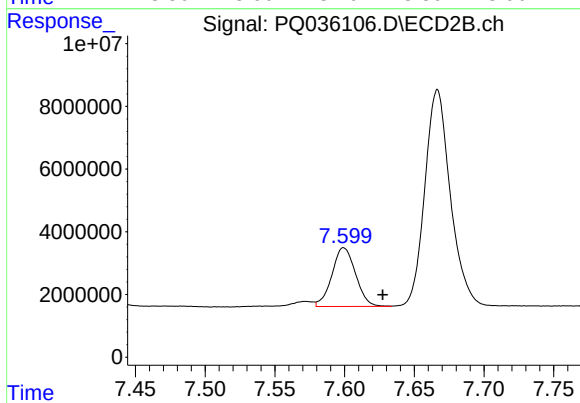
#37 AR-1262-2

R.T.: 7.322 min
Delta R.T.: -0.026 min
Response: 127543731
Conc: 477.94 ng/ml



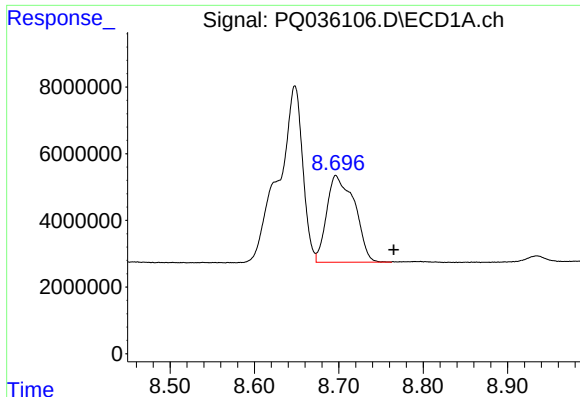
#38 AR-1262-3

R.T.: 8.696 min
Delta R.T.: 0.022 min
Response: 59652500
Conc: 248.15 ng/ml



#38 AR-1262-3

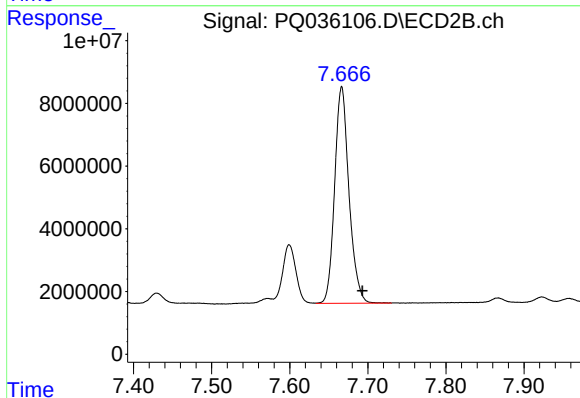
R.T.: 7.599 min
Delta R.T.: -0.028 min
Response: 22183516
Conc: 213.75 ng/ml



#39 AR-1262-4

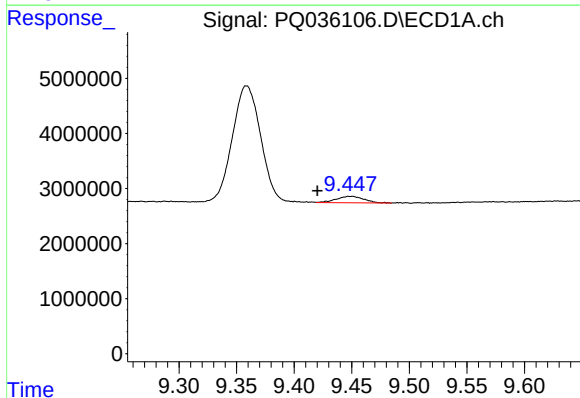
R.T.: 8.696 min
Delta R.T.: -0.069 min
Response: 59652500
Conc: 330.18 ng/ml

Instrument :
ECD_Q
ClientSampleId :



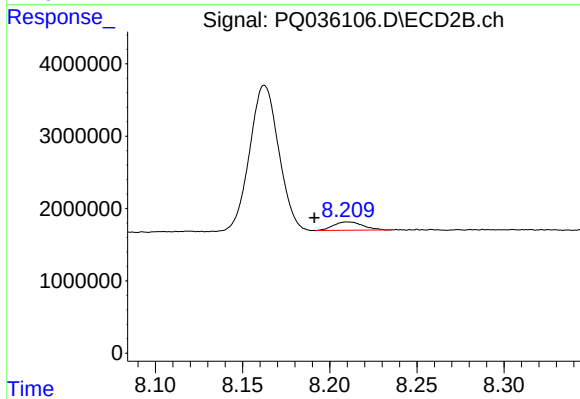
#39 AR-1262-4

R.T.: 7.667 min
Delta R.T.: -0.027 min
Response: 88132597
Conc: 475.76 ng/ml



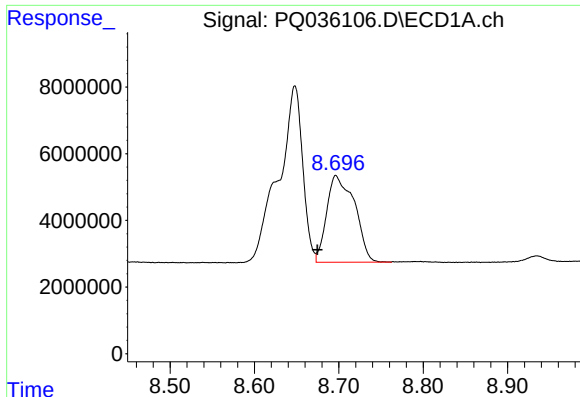
#40 AR-1262-5

R.T.: 9.450 min
Delta R.T.: 0.029 min
Response: 1938190
Conc: 17.02 ng/ml



#40 AR-1262-5

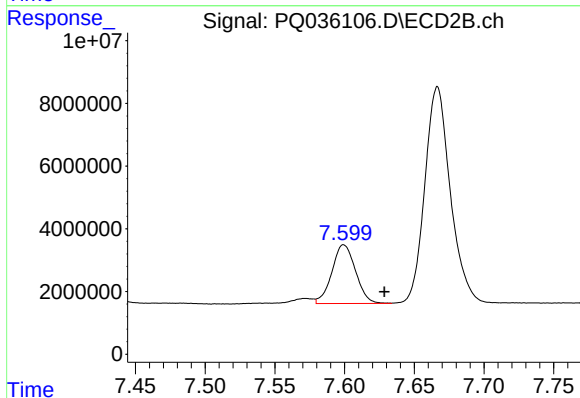
R.T.: 8.210 min
Delta R.T.: 0.019 min
Response: 1353504
Conc: 18.23 ng/ml



#41 AR-1268-1

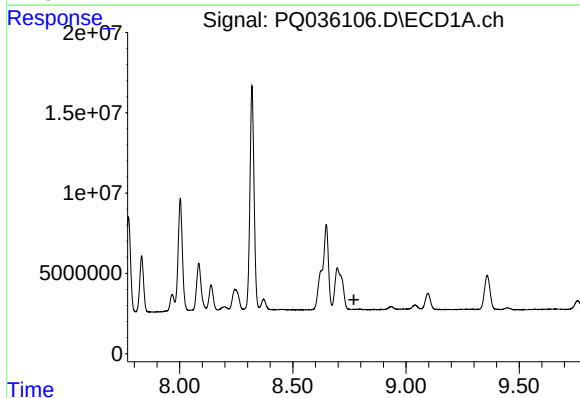
R.T.: 8.696 min
Delta R.T.: 0.022 min
Response: 59652500
Conc: 123.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



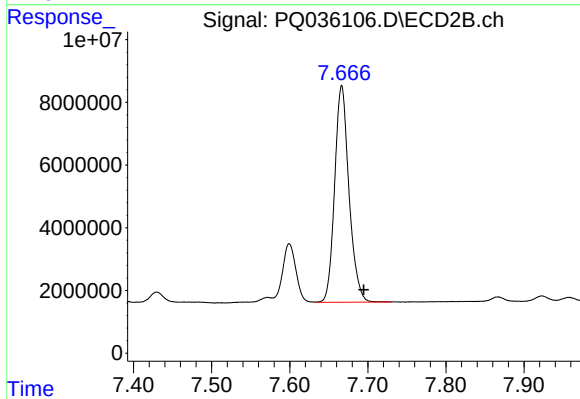
#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: -0.029 min
Response: 22183516
Conc: 66.52 ng/ml



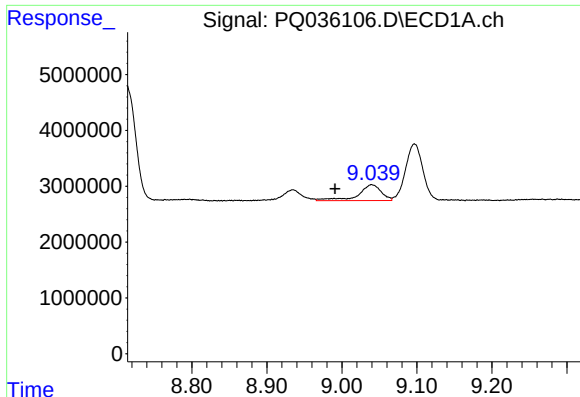
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.770 min
Response: 0
Conc: N.D.



#42 AR-1268-2

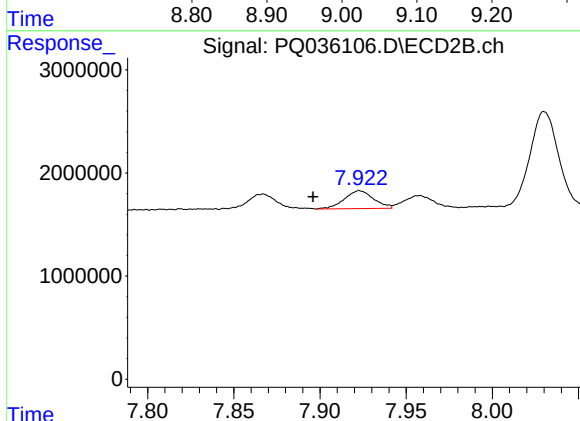
R.T.: 7.667 min
Delta R.T.: -0.028 min
Response: 88132597
Conc: 297.39 ng/ml



#43 AR-1268-3

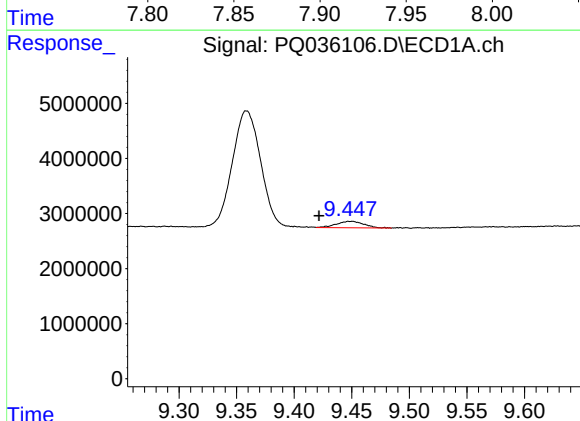
R.T.: 9.040 min
Delta R.T.: 0.049 min
Response: 5997653
Conc: 15.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



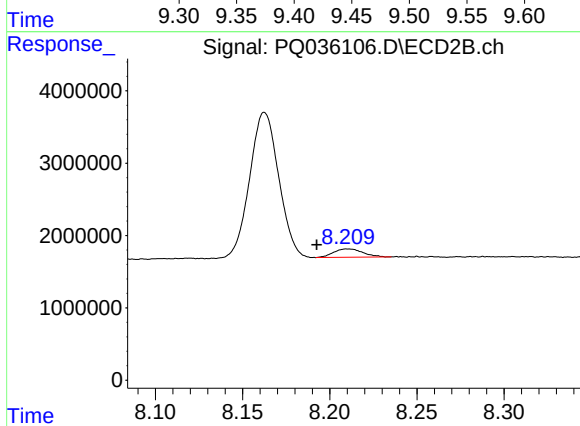
#43 AR-1268-3

R.T.: 7.923 min
Delta R.T.: 0.027 min
Response: 2044699
Conc: 8.37 ng/ml



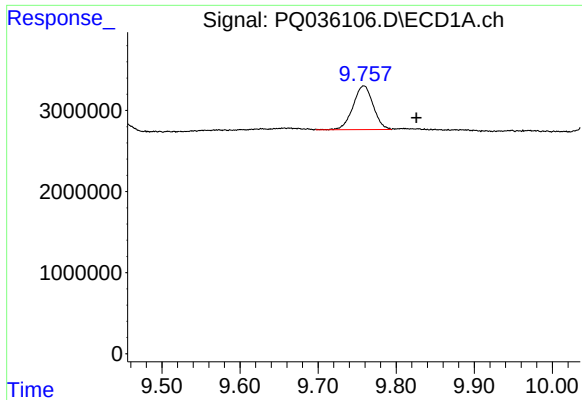
#44 AR-1268-4

R.T.: 9.450 min
Delta R.T.: 0.028 min
Response: 1938190
Conc: 14.14 ng/ml



#44 AR-1268-4

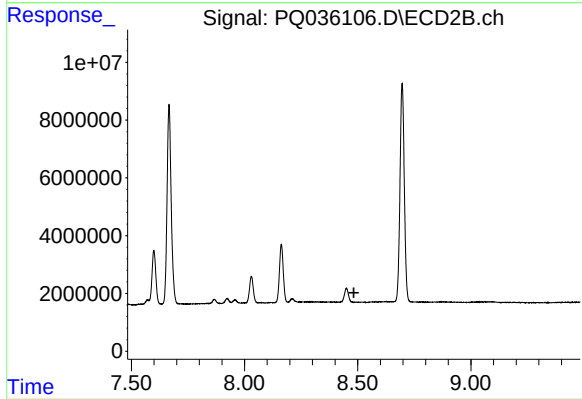
R.T.: 8.210 min
Delta R.T.: 0.018 min
Response: 1353504
Conc: 14.51 ng/ml



#45 AR-1268-5

R.T.: 9.759 min
Delta R.T.: -0.067 min
Response: 9641597
Conc: 8.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 0.000 min
Exp R.T. : 8.483 min
Response: 0
Conc: N.D.