

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ121718\
 Data File : PQ035580.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Dec 2018 09:22
 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 18 01:11:32 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	3.745	230.9E6	133.6E6	59.011	59.788
2)	SA Decachlor...	10.148	8.727	160.9E6	94630099	54.579	53.540
Target Compounds							
3)	L1 AR-1016-1	5.604	4.824	69386974	42310198	542.308	548.740
4)	L1 AR-1016-2	5.627	4.841	103.0E6	61807458	537.096	546.200
5)	L1 AR-1016-3	5.688	5.018	62420418	31424468	545.397	538.096
6)	L1 AR-1016-4	5.788	5.058	51299431	25109866	538.702	534.017
7)	L1 AR-1016-5	6.080	5.271	47803696	32977839	525.110	537.204
8)	L2 AR-1221-1	4.644	3.955	5164603	3665886	151.179	179.673
9)	L2 AR-1221-2	4.736	4.043	9302908	5485969	365.151	371.157
10)	L2 AR-1221-3	4.813	4.118	35616011	20748380	427.972	427.092
11)	L3 AR-1232-1	4.813	4.118	35616011	20748380	489.783	471.218
12)	L3 AR-1232-2	5.338	4.841	49744800	61807458	1290.794	1259.774
13)	L3 AR-1232-3	5.627	5.018	103.0E6	31424468	1259.758	1229.848
14)	L3 AR-1232-4	5.788	5.099	51299431	30308226	1281.127	1328.356
15)	L3 AR-1232-5	5.875	5.271	43597781	32977839	1376.690	1320.312
16)	L4 AR-1242-1	5.604	4.824	69386974	42310198	719.191	715.026
17)	L4 AR-1242-2	5.627	4.841	103.0E6	61807458	709.989	717.779
18)	L4 AR-1242-3	5.688	5.018	62420418	31424468	721.490	697.773
19)	L4 AR-1242-4	5.788	5.099	51299431	30308226	741.535	684.443
20)	L4 AR-1242-5	6.522	5.619	13081442	36156162	166.743	655.128 #
21)	L5 AR-1248-1	5.604	4.824	69386974	42310198	1051.224	1072.371
22)	L5 AR-1248-2	5.875	5.058	43597781	25109866	459.965	462.650
23)	L5 AR-1248-3	6.080	5.099	47803696	30308226	457.495	543.132
24)	L5 AR-1248-4	6.484	5.271	16064215	32977839	130.446	476.386 #
25)	L5 AR-1248-5	6.522	5.660	13081442	7332662	111.814	104.036
26)	L6 AR-1254-1	6.456	5.619	50094576	36156162	329.065	271.060
27)	L6 AR-1254-2	6.671	5.765	45517157	27856145	192.372	241.076 #
28)	L6 AR-1254-3	7.042	6.178	24601257	48306109	95.816	250.215 #
29)	L6 AR-1254-4	7.326	6.395	16145557	7039359	89.047	58.494 #
30)	L6 AR-1254-5	7.745	6.809	138.8E6	93959454	707.402	576.925
31)	L7 AR-1260-1	7.201	6.295	93843341	66579604	508.906	529.303
32)	L7 AR-1260-2	7.459	6.482	112.5E6	79917862	517.801	529.211
33)	L7 AR-1260-3	7.817	6.635	68537960	74403220	511.622	532.461
34)	L7 AR-1260-4	8.045	7.103	84546226	49850585	512.990	536.861
35)	L7 AR-1260-5	8.365	7.345	159.0E6	120.7E6	533.261	537.765
36)	L8 AR-1262-1	7.817	6.843	68537960	55388637	312.851	360.913
37)	L8 AR-1262-2	8.365	7.345	159.0E6	120.7E6	422.069	452.194
38)	L8 AR-1262-3	8.695	7.624	97528727	22371328	405.711	215.559 #
39)	L8 AR-1262-4	8.748	7.690	55378935	82723808	306.523	446.567 #
40)	L8 AR-1262-5	9.418	8.187	34718849	19381116	304.864	261.105
41)	L9 AR-1268-1	8.695	7.624	97528727	22371328	202.136	67.088 #

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 Acq On : 17 Dec 2018 09:22
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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

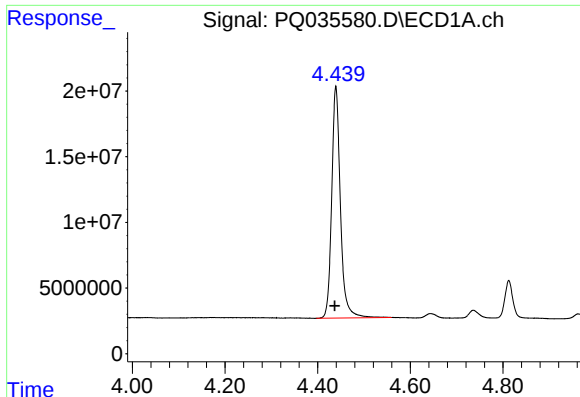
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 18 01:11:32 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ121318.M
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 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	7.690	55378935	82723808	128.352	279.136 #
43) L9	AR-1268-3	8.988	7.946	4158408	1517024	11.004	6.206 #
44) L9	AR-1268-4	9.418	8.187	34718849	19381116	253.252	207.756
45) L9	AR-1268-5	9.821	8.478	8672427	5292765	7.491	7.246

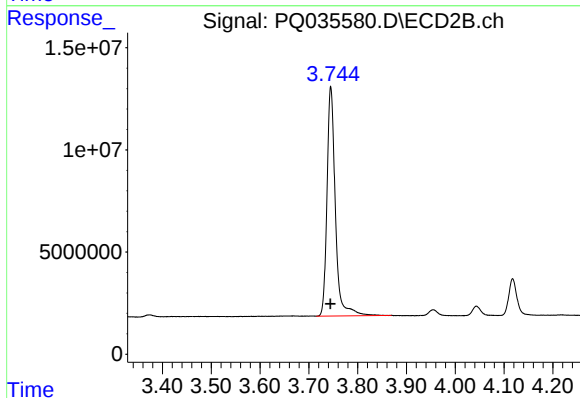
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

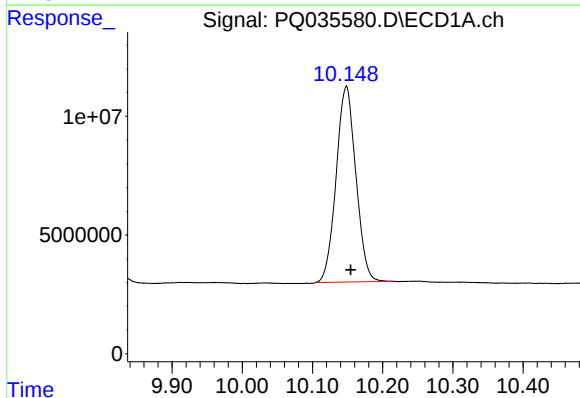
R.T.: 4.439 min
Delta R.T.: 0.002 min
Response: 230889778
Conc: 59.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



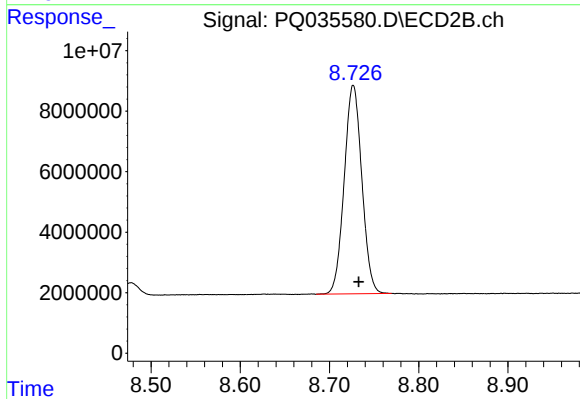
#1 Tetrachloro-m-xylene

R.T.: 3.745 min
Delta R.T.: 0.000 min
Response: 133590352
Conc: 59.79 ng/ml



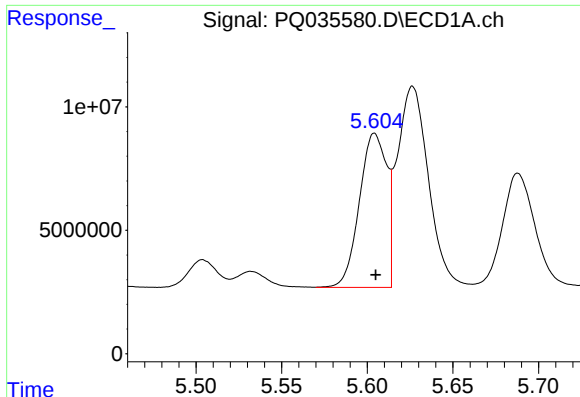
#2 Decachlorobiphenyl

R.T.: 10.148 min
Delta R.T.: -0.006 min
Response: 160876463
Conc: 54.58 ng/ml



#2 Decachlorobiphenyl

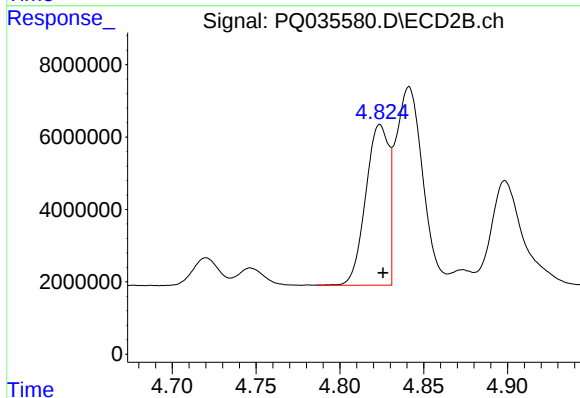
R.T.: 8.727 min
Delta R.T.: -0.006 min
Response: 94630099
Conc: 53.54 ng/ml



#3 AR-1016-1

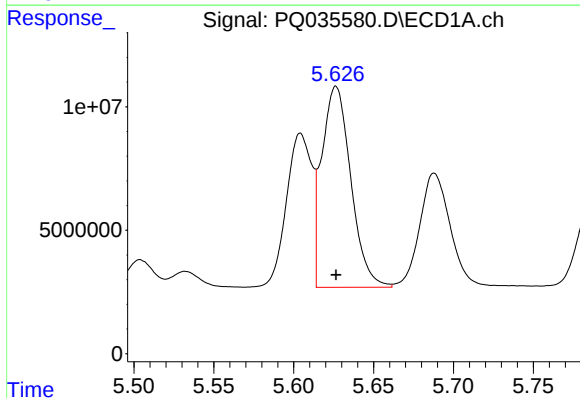
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 69386974
Conc: 542.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



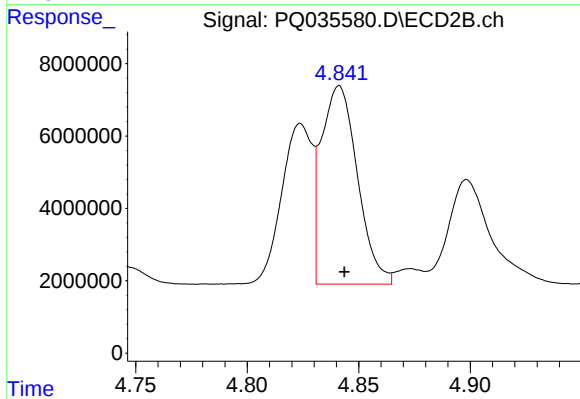
#3 AR-1016-1

R.T.: 4.824 min
Delta R.T.: -0.002 min
Response: 42310198
Conc: 548.74 ng/ml



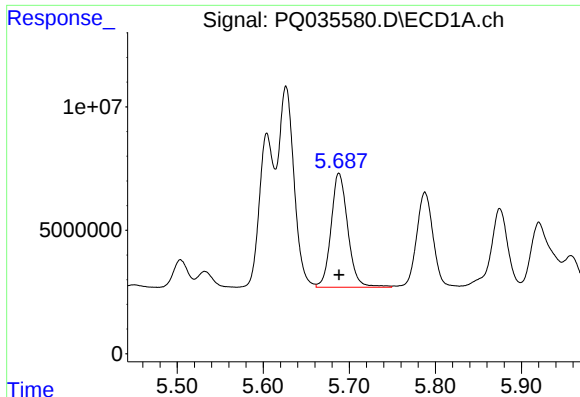
#4 AR-1016-2

R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 103009671
Conc: 537.10 ng/ml



#4 AR-1016-2

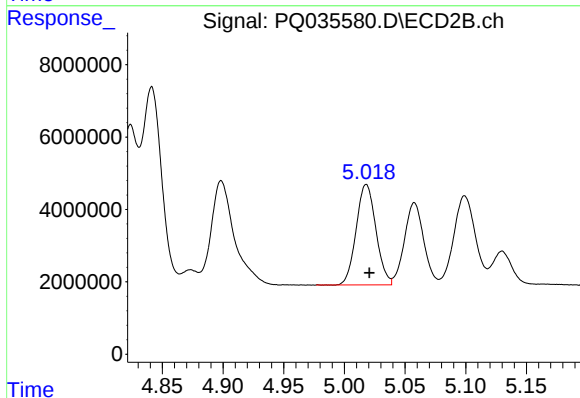
R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 61807458
Conc: 546.20 ng/ml



#5 AR-1016-3

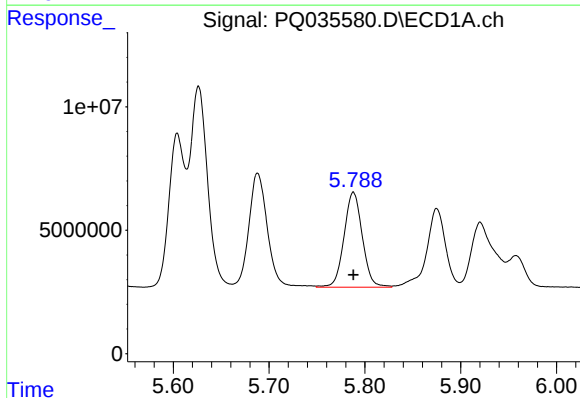
R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 62420418
Conc: 545.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



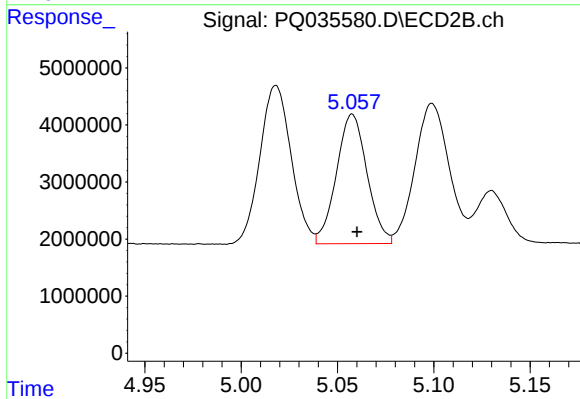
#5 AR-1016-3

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 31424468
Conc: 538.10 ng/ml



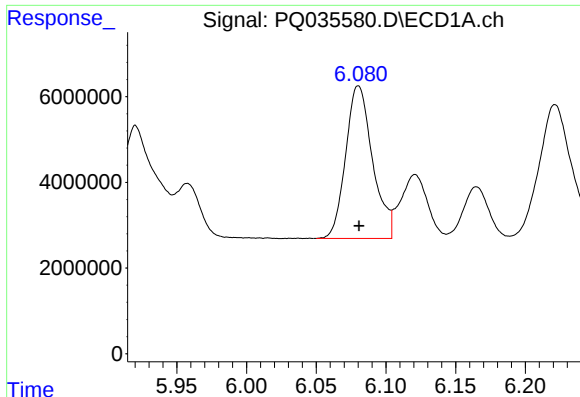
#6 AR-1016-4

R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 51299431
Conc: 538.70 ng/ml



#6 AR-1016-4

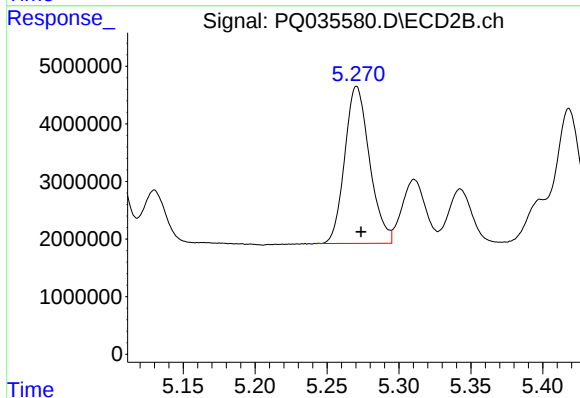
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 25109866
Conc: 534.02 ng/ml



#7 AR-1016-5

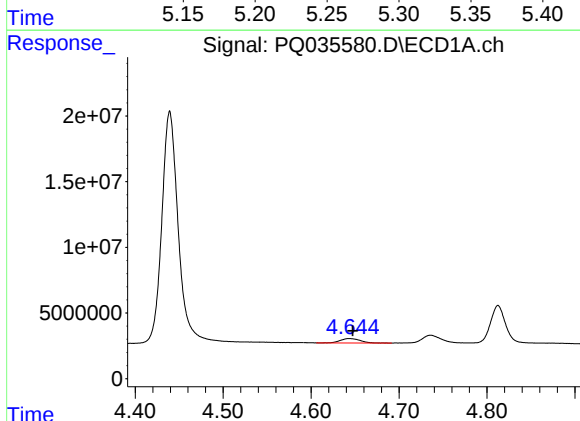
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 47803696
Conc: 525.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :



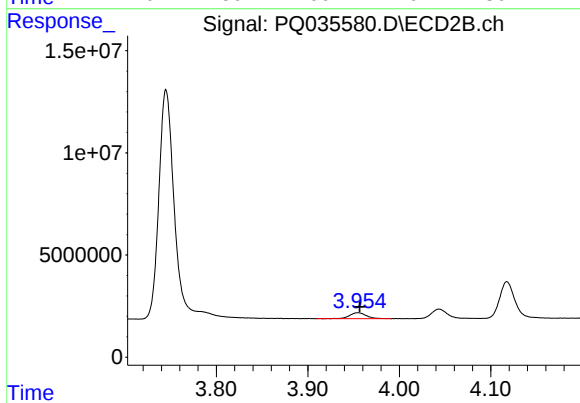
#7 AR-1016-5

R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 32977839
Conc: 537.20 ng/ml



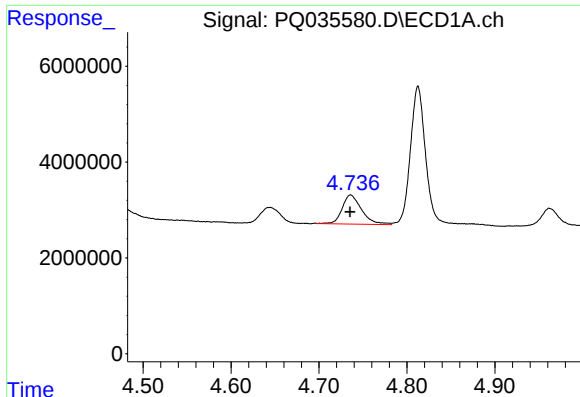
#8 AR-1221-1

R.T.: 4.644 min
Delta R.T.: -0.003 min
Response: 5164603
Conc: 151.18 ng/ml



#8 AR-1221-1

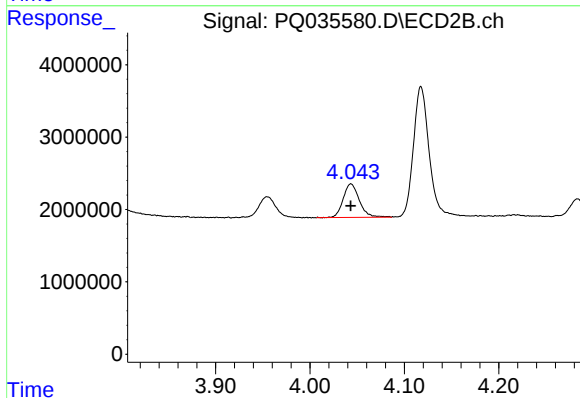
R.T.: 3.955 min
Delta R.T.: -0.002 min
Response: 3665886
Conc: 179.67 ng/ml



#9 AR-1221-2

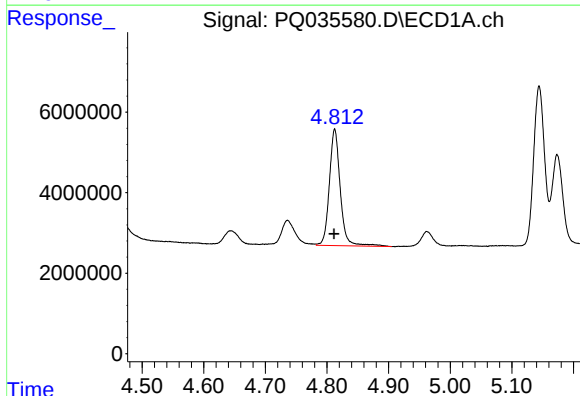
R.T.: 4.736 min
Delta R.T.: 0.000 min
Response: 9302908
Conc: 365.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



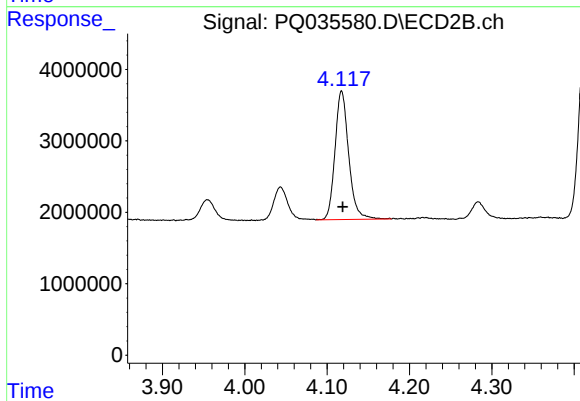
#9 AR-1221-2

R.T.: 4.043 min
Delta R.T.: 0.000 min
Response: 5485969
Conc: 371.16 ng/ml



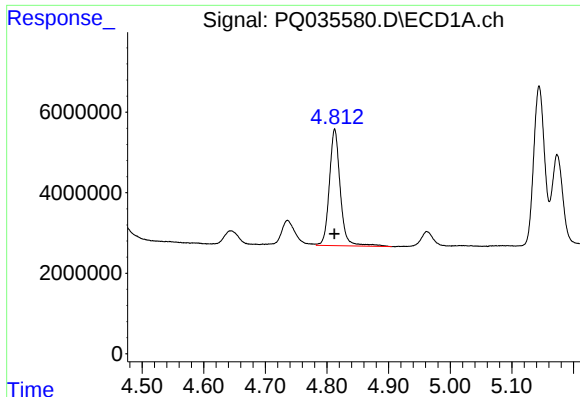
#10 AR-1221-3

R.T.: 4.813 min
Delta R.T.: 0.001 min
Response: 35616011
Conc: 427.97 ng/ml



#10 AR-1221-3

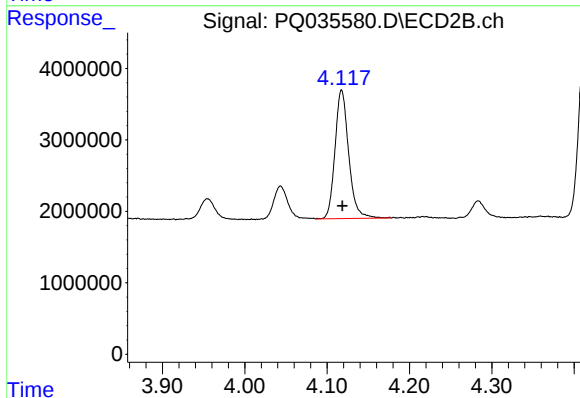
R.T.: 4.118 min
Delta R.T.: -0.001 min
Response: 20748380
Conc: 427.09 ng/ml



#11 AR-1232-1

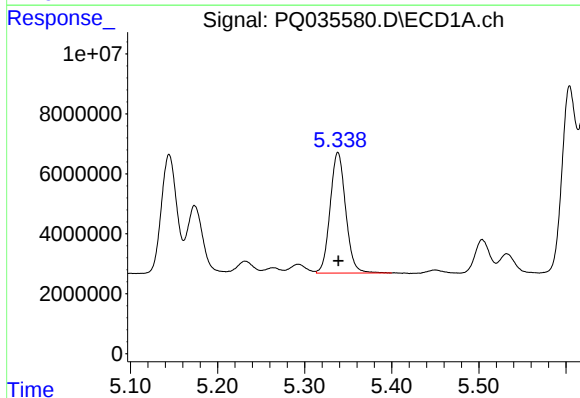
R.T.: 4.813 min
Delta R.T.: 0.000 min
Response: 35616011
Conc: 489.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



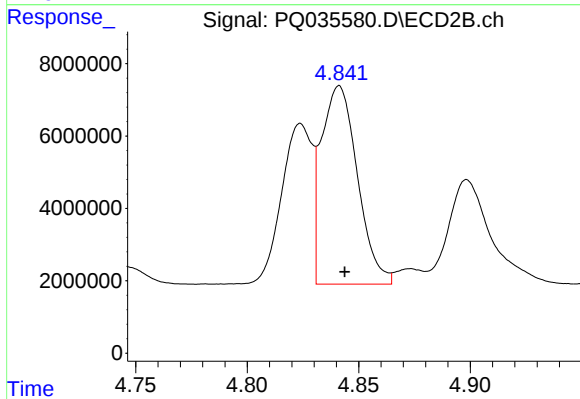
#11 AR-1232-1

R.T.: 4.118 min
Delta R.T.: -0.001 min
Response: 20748380
Conc: 471.22 ng/ml



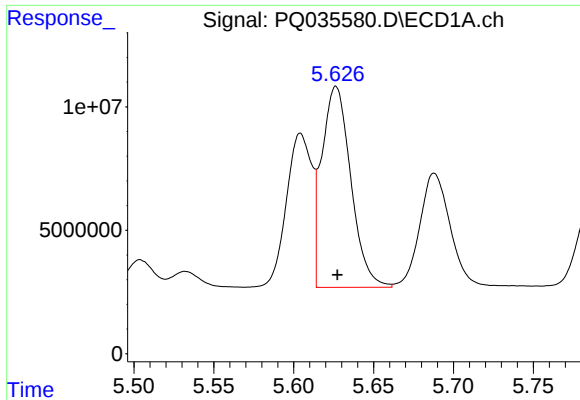
#12 AR-1232-2

R.T.: 5.338 min
Delta R.T.: 0.000 min
Response: 49744800
Conc: 1290.79 ng/ml



#12 AR-1232-2

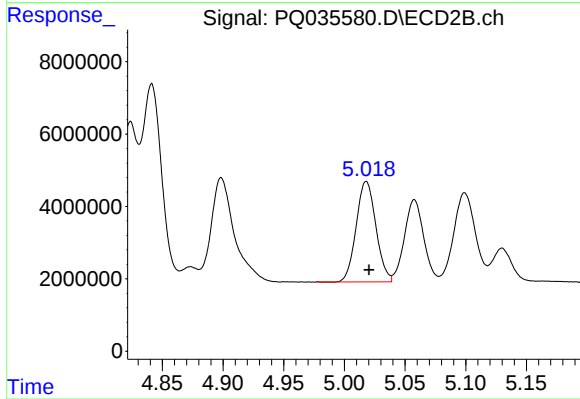
R.T.: 4.841 min
Delta R.T.: -0.002 min
Response: 61807458
Conc: 1259.77 ng/ml



#13 AR-1232-3

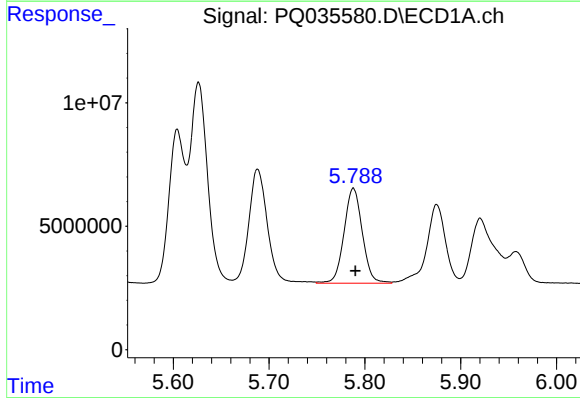
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 103009671
Conc: 1259.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



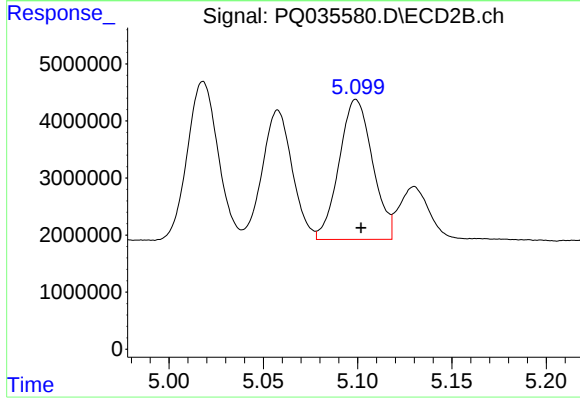
#13 AR-1232-3

R.T.: 5.018 min
Delta R.T.: -0.002 min
Response: 31424468
Conc: 1229.85 ng/ml



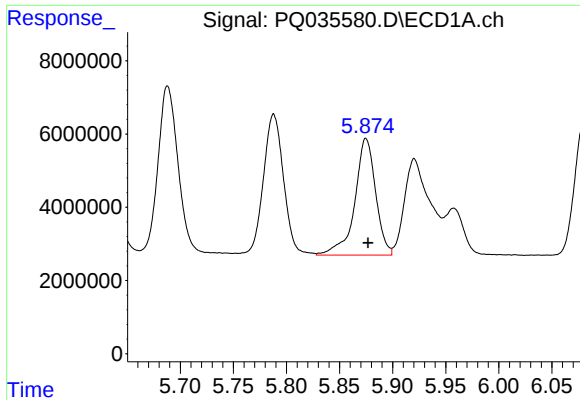
#14 AR-1232-4

R.T.: 5.788 min
Delta R.T.: -0.002 min
Response: 51299431
Conc: 1281.13 ng/ml



#14 AR-1232-4

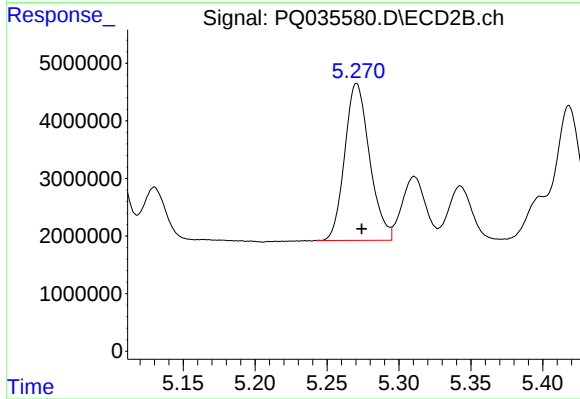
R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 30308226
Conc: 1328.36 ng/ml



#15 AR-1232-5

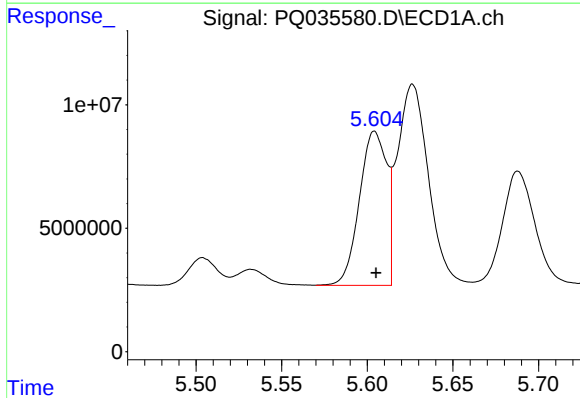
R.T.: 5.875 min
Delta R.T.: -0.002 min
Response: 43597781
Conc: 1376.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



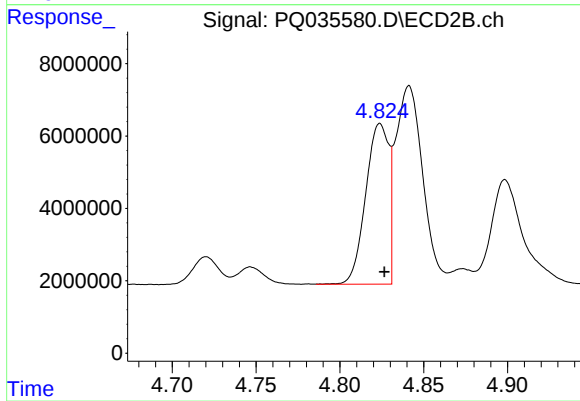
#15 AR-1232-5

R.T.: 5.271 min
Delta R.T.: -0.004 min
Response: 32977839
Conc: 1320.31 ng/ml



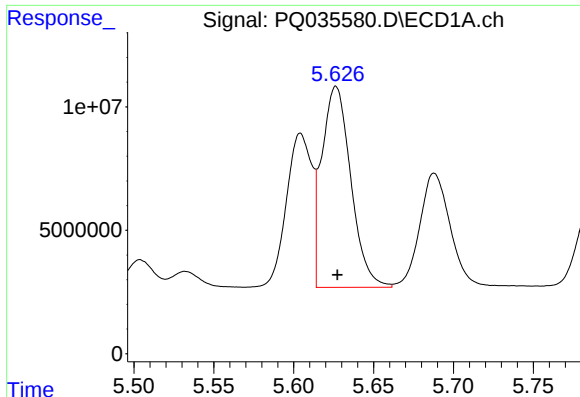
#16 AR-1242-1

R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 69386974
Conc: 719.19 ng/ml



#16 AR-1242-1

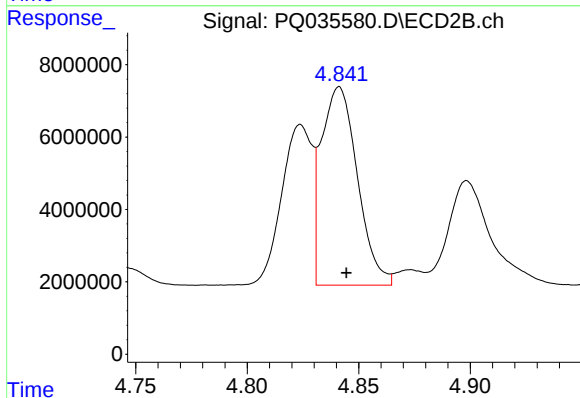
R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 42310198
Conc: 715.03 ng/ml



#17 AR-1242-2

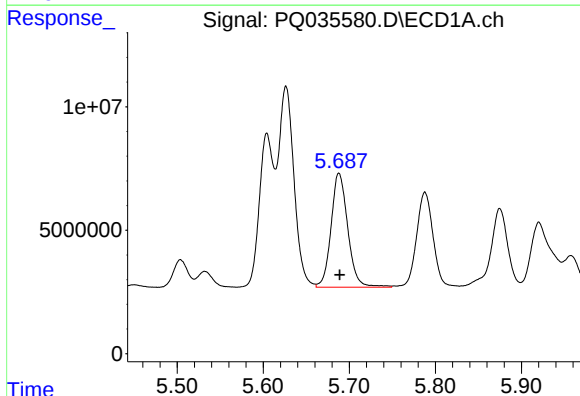
R.T.: 5.627 min
Delta R.T.: 0.000 min
Response: 103009671
Conc: 709.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



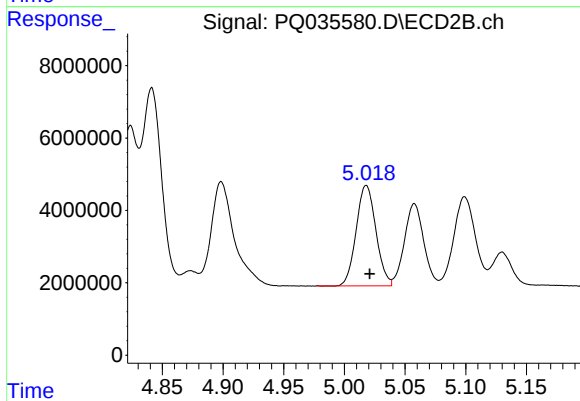
#17 AR-1242-2

R.T.: 4.841 min
Delta R.T.: -0.003 min
Response: 61807458
Conc: 717.78 ng/ml



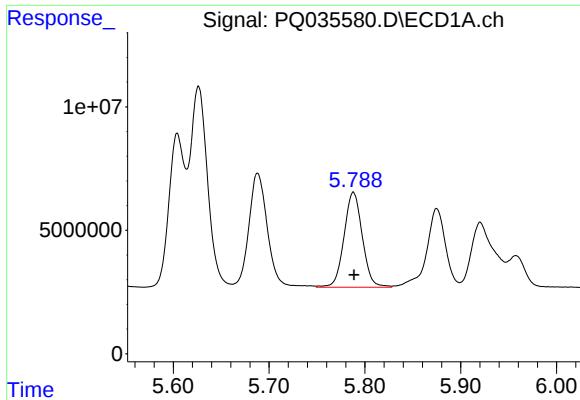
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: -0.001 min
Response: 62420418
Conc: 721.49 ng/ml



#18 AR-1242-3

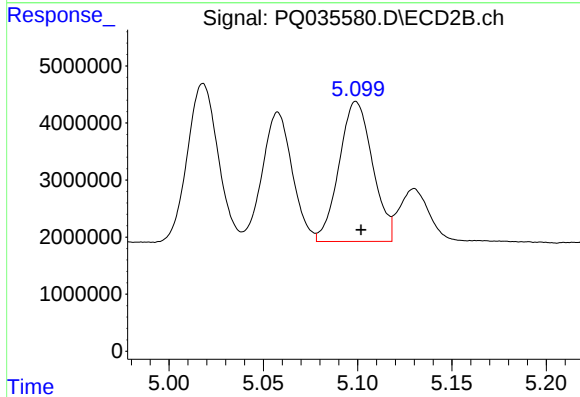
R.T.: 5.018 min
Delta R.T.: -0.003 min
Response: 31424468
Conc: 697.77 ng/ml



#19 AR-1242-4

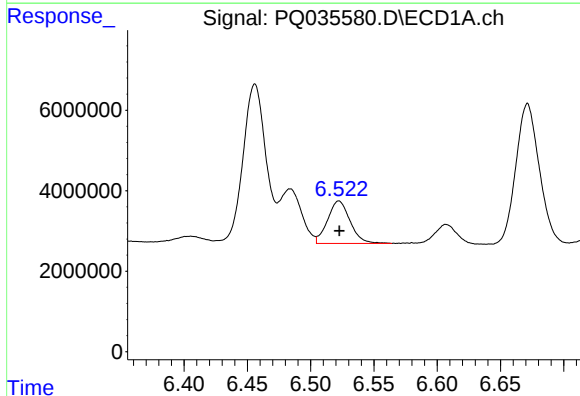
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 51299431
Conc: 741.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



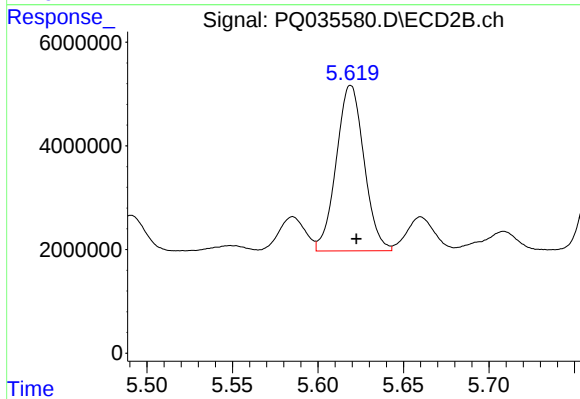
#19 AR-1242-4

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 30308226
Conc: 684.44 ng/ml



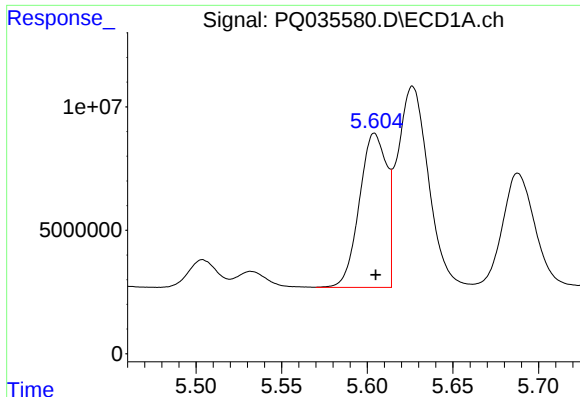
#20 AR-1242-5

R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 13081442
Conc: 166.74 ng/ml



#20 AR-1242-5

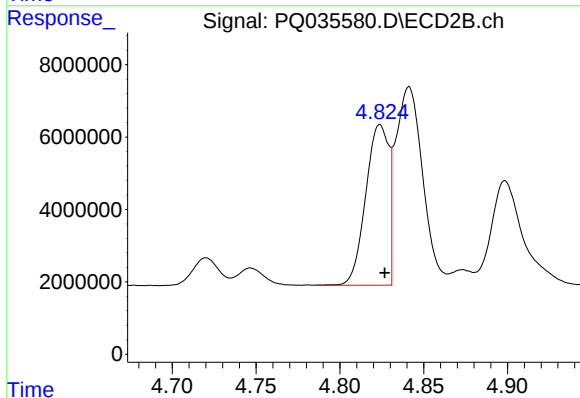
R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 36156162
Conc: 655.13 ng/ml



#21 AR-1248-1

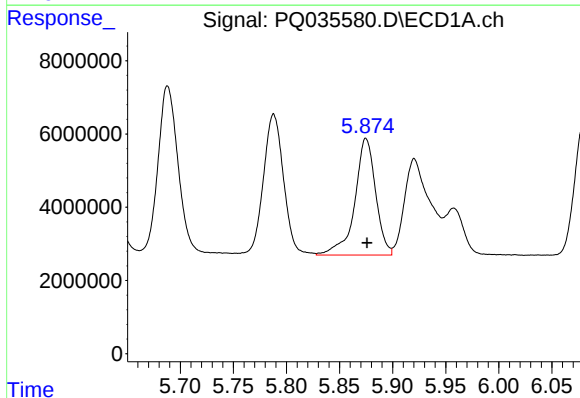
R.T.: 5.604 min
Delta R.T.: 0.000 min
Response: 69386974
Conc: 1051.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



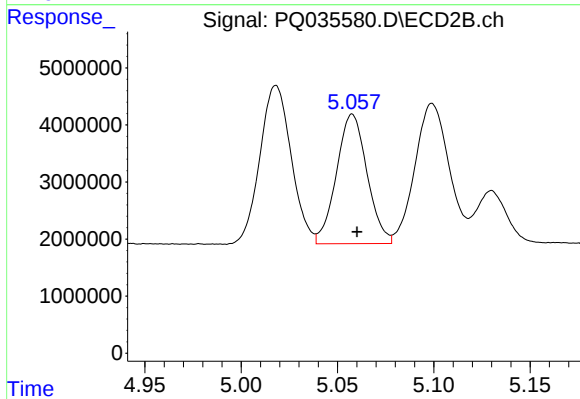
#21 AR-1248-1

R.T.: 4.824 min
Delta R.T.: -0.003 min
Response: 42310198
Conc: 1072.37 ng/ml



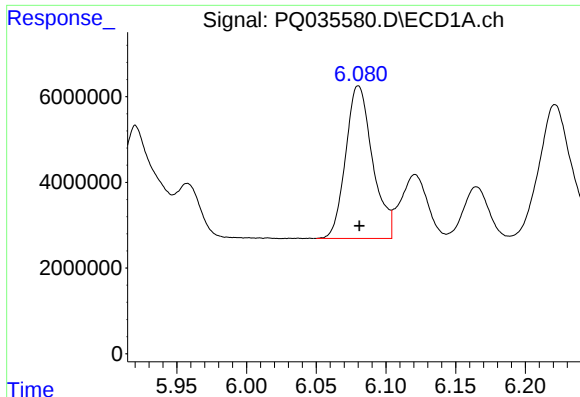
#22 AR-1248-2

R.T.: 5.875 min
Delta R.T.: -0.001 min
Response: 43597781
Conc: 459.97 ng/ml



#22 AR-1248-2

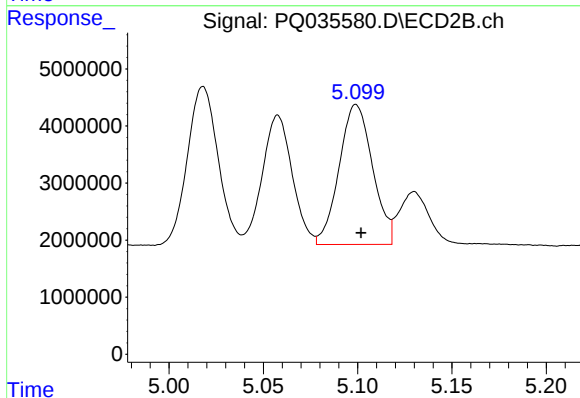
R.T.: 5.058 min
Delta R.T.: -0.002 min
Response: 25109866
Conc: 462.65 ng/ml



#23 AR-1248-3

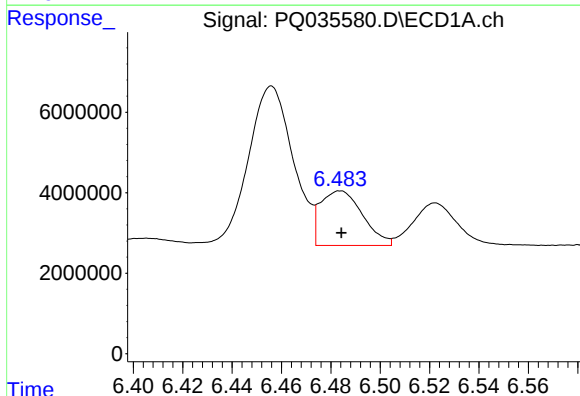
R.T.: 6.080 min
Delta R.T.: 0.000 min
Response: 47803696
Conc: 457.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



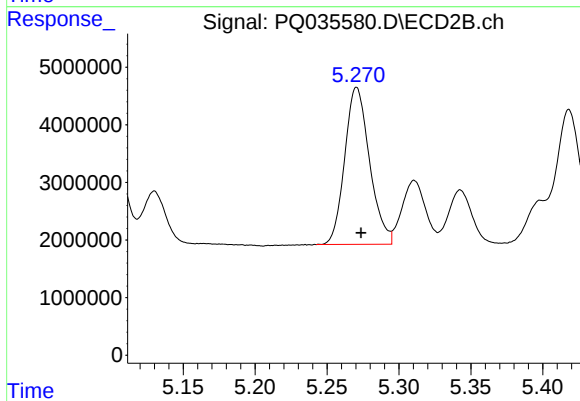
#23 AR-1248-3

R.T.: 5.099 min
Delta R.T.: -0.003 min
Response: 30308226
Conc: 543.13 ng/ml



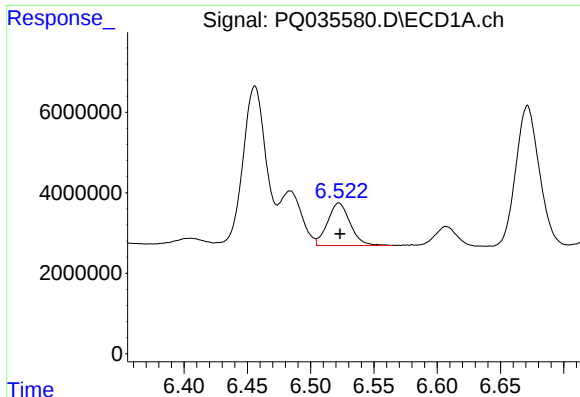
#24 AR-1248-4

R.T.: 6.484 min
Delta R.T.: 0.000 min
Response: 16064215
Conc: 130.45 ng/ml



#24 AR-1248-4

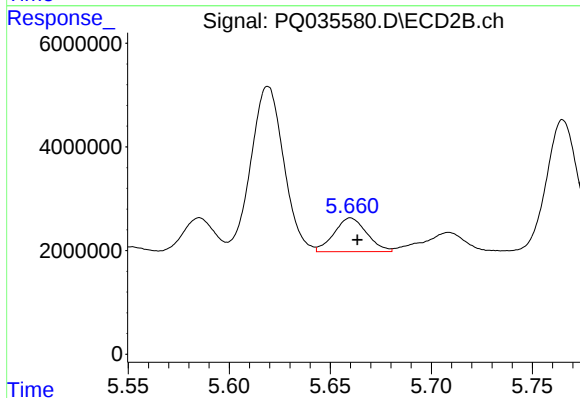
R.T.: 5.271 min
Delta R.T.: -0.003 min
Response: 32977839
Conc: 476.39 ng/ml



#25 AR-1248-5

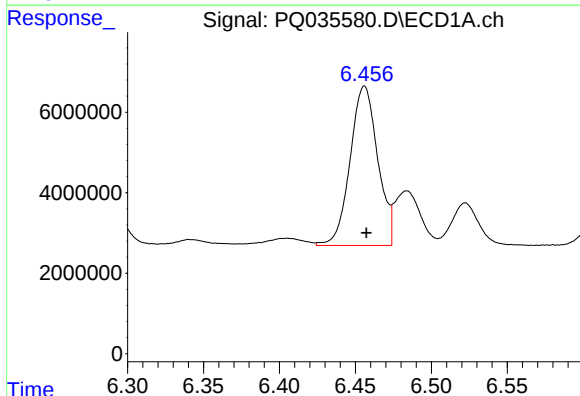
R.T.: 6.522 min
Delta R.T.: 0.000 min
Response: 13081442
Conc: 111.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



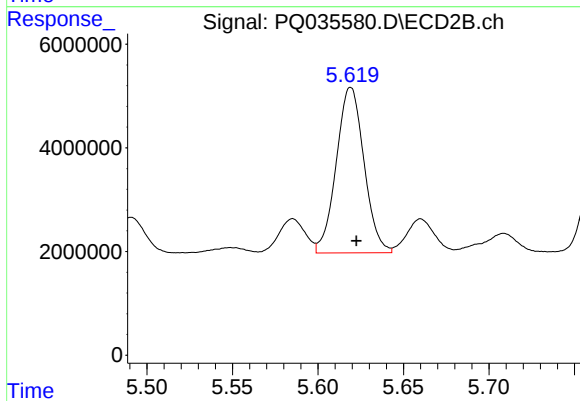
#25 AR-1248-5

R.T.: 5.660 min
Delta R.T.: -0.003 min
Response: 7332662
Conc: 104.04 ng/ml



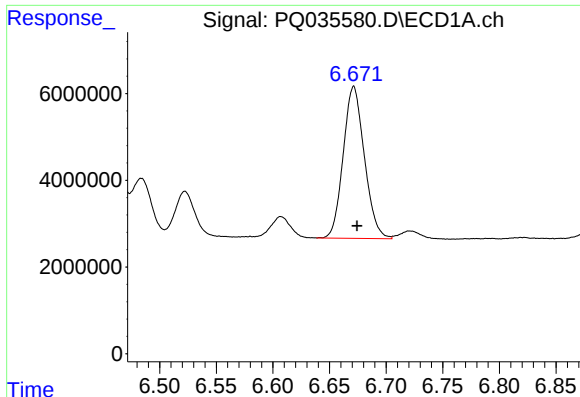
#26 AR-1254-1

R.T.: 6.456 min
Delta R.T.: -0.001 min
Response: 50094576
Conc: 329.06 ng/ml



#26 AR-1254-1

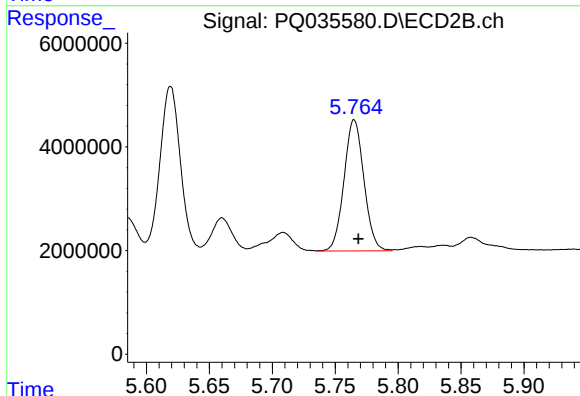
R.T.: 5.619 min
Delta R.T.: -0.003 min
Response: 36156162
Conc: 271.06 ng/ml



#27 AR-1254-2

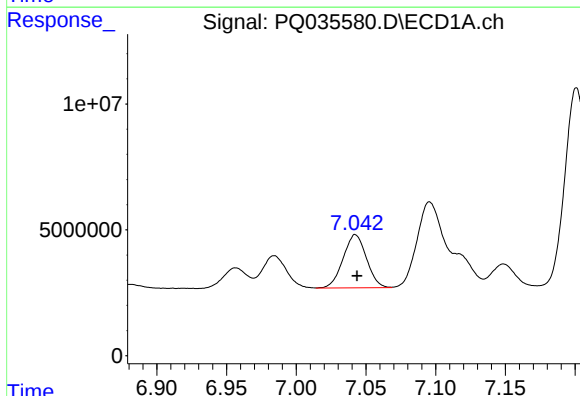
R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 45517157
Conc: 192.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



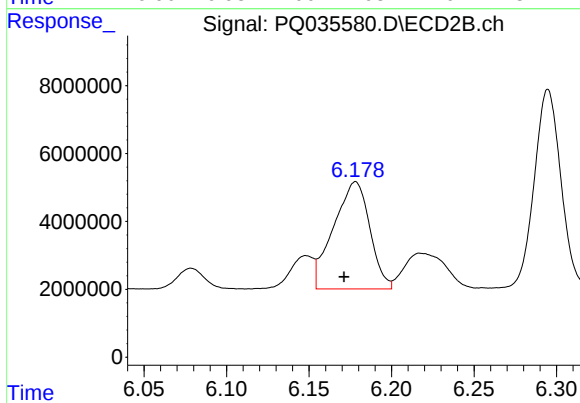
#27 AR-1254-2

R.T.: 5.765 min
Delta R.T.: -0.003 min
Response: 27856145
Conc: 241.08 ng/ml



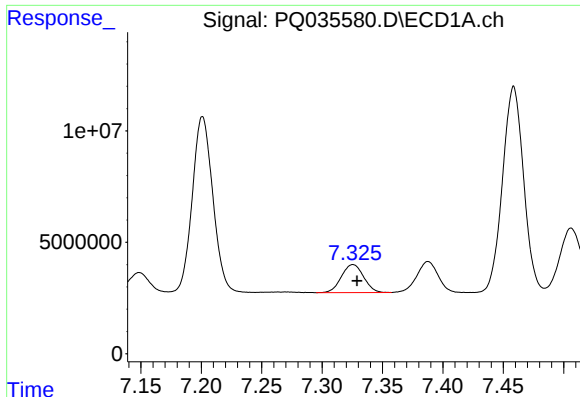
#28 AR-1254-3

R.T.: 7.042 min
Delta R.T.: -0.001 min
Response: 24601257
Conc: 95.82 ng/ml



#28 AR-1254-3

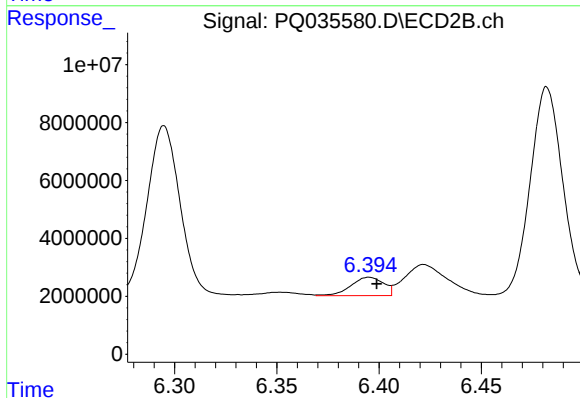
R.T.: 6.178 min
Delta R.T.: 0.007 min
Response: 48306109
Conc: 250.22 ng/ml



#29 AR-1254-4

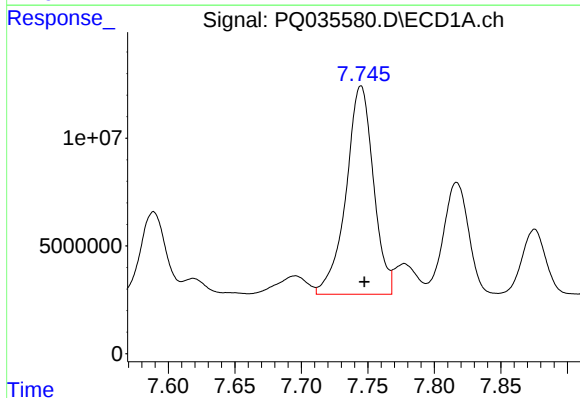
R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 16145557
Conc: 89.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



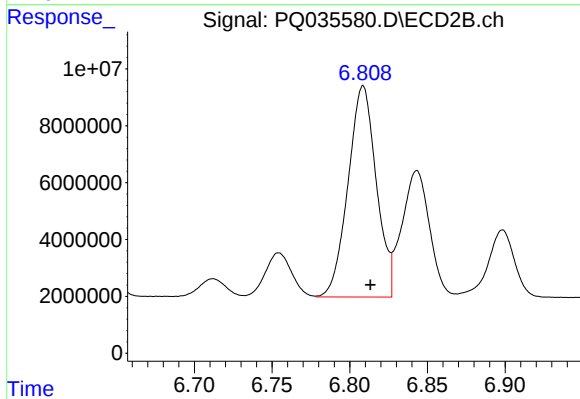
#29 AR-1254-4

R.T.: 6.395 min
Delta R.T.: -0.004 min
Response: 7039359
Conc: 58.49 ng/ml



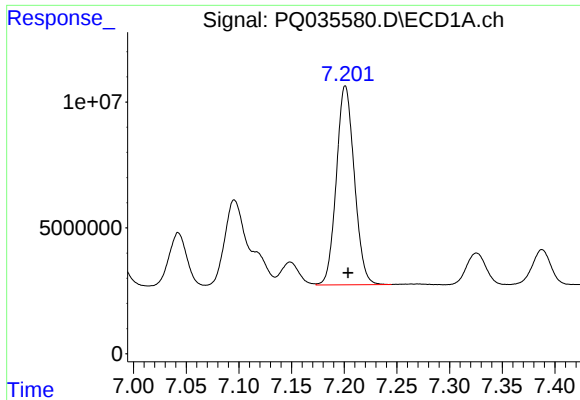
#30 AR-1254-5

R.T.: 7.745 min
Delta R.T.: -0.003 min
Response: 138757541
Conc: 707.40 ng/ml



#30 AR-1254-5

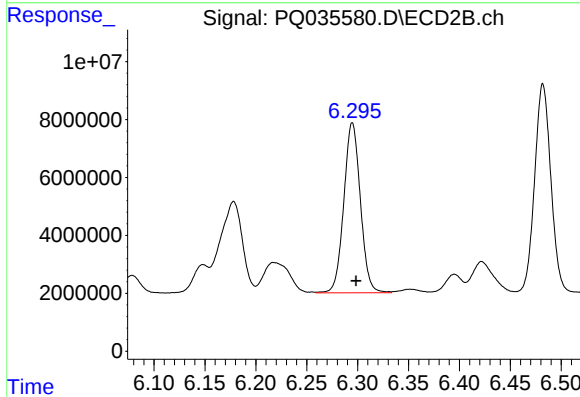
R.T.: 6.809 min
Delta R.T.: -0.005 min
Response: 93959454
Conc: 576.93 ng/ml



#31 AR-1260-1

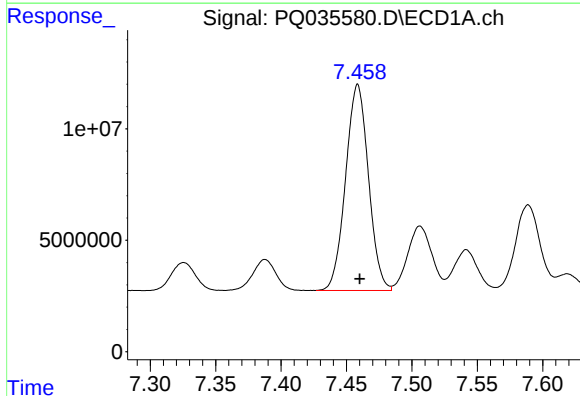
R.T.: 7.201 min
Delta R.T.: -0.002 min
Response: 93843341
Conc: 508.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



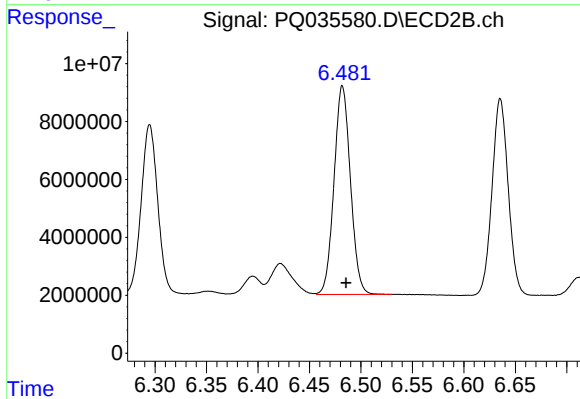
#31 AR-1260-1

R.T.: 6.295 min
Delta R.T.: -0.004 min
Response: 66579604
Conc: 529.30 ng/ml



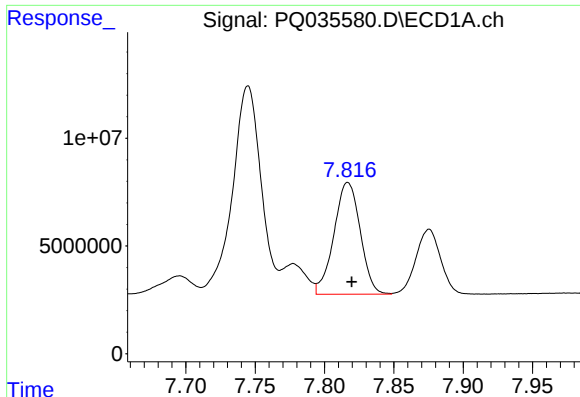
#32 AR-1260-2

R.T.: 7.459 min
Delta R.T.: -0.001 min
Response: 112509827
Conc: 517.80 ng/ml



#32 AR-1260-2

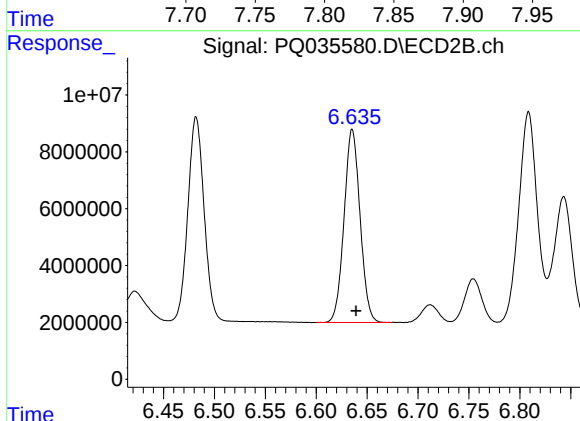
R.T.: 6.482 min
Delta R.T.: -0.004 min
Response: 79917862
Conc: 529.21 ng/ml



#33 AR-1260-3

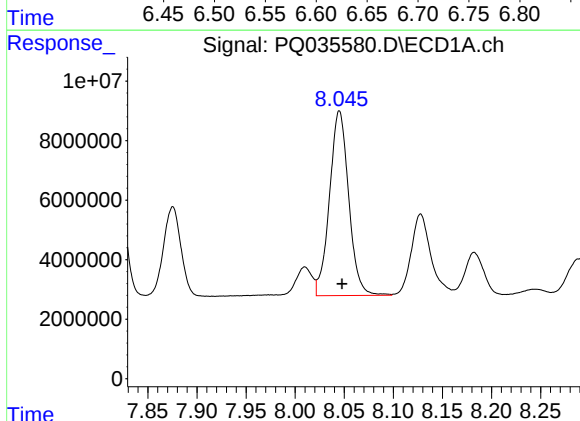
R.T.: 7.817 min
Delta R.T.: -0.003 min
Response: 68537960
Conc: 511.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



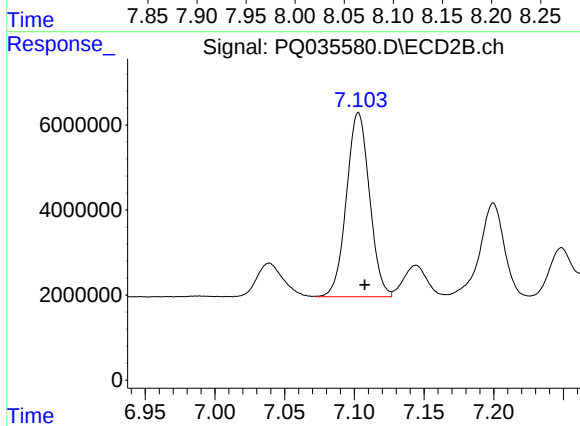
#33 AR-1260-3

R.T.: 6.635 min
Delta R.T.: -0.004 min
Response: 74403220
Conc: 532.46 ng/ml



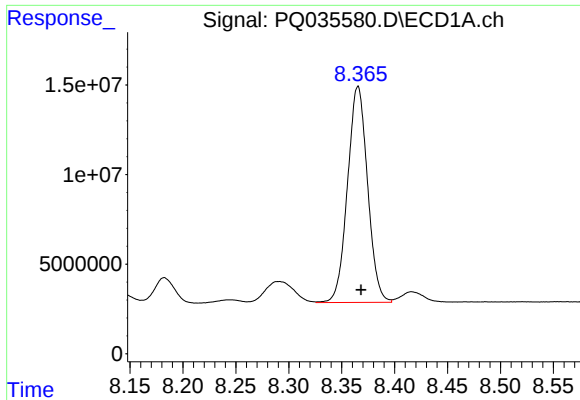
#34 AR-1260-4

R.T.: 8.045 min
Delta R.T.: -0.003 min
Response: 84546226
Conc: 512.99 ng/ml



#34 AR-1260-4

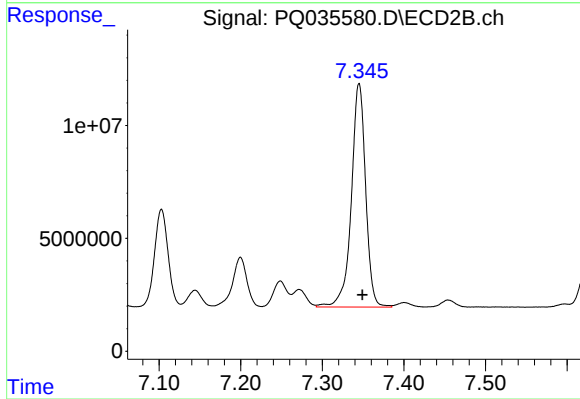
R.T.: 7.103 min
Delta R.T.: -0.004 min
Response: 49850585
Conc: 536.86 ng/ml



#35 AR-1260-5

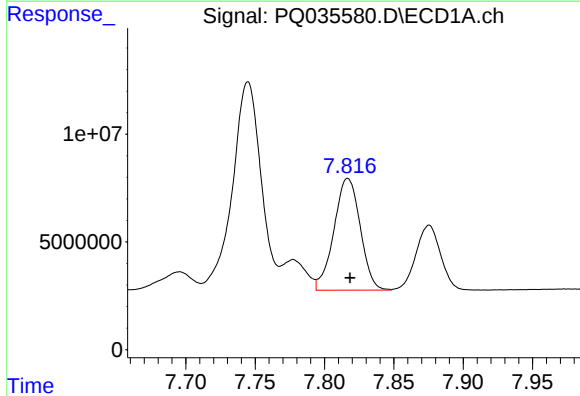
R.T.: 8.365 min
Delta R.T.: -0.003 min
Response: 159000981
Conc: 533.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



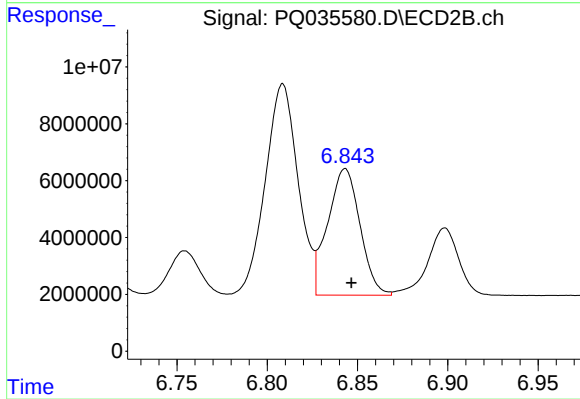
#35 AR-1260-5

R.T.: 7.345 min
Delta R.T.: -0.004 min
Response: 120673155
Conc: 537.77 ng/ml



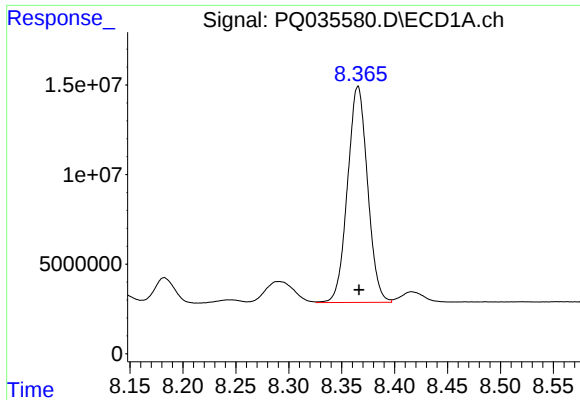
#36 AR-1262-1

R.T.: 7.817 min
Delta R.T.: -0.002 min
Response: 68537960
Conc: 312.85 ng/ml



#36 AR-1262-1

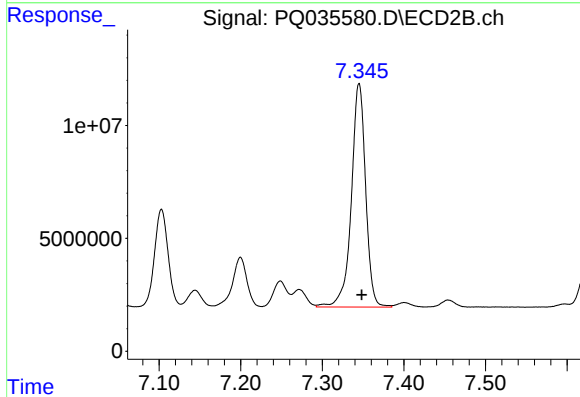
R.T.: 6.843 min
Delta R.T.: -0.003 min
Response: 55388637
Conc: 360.91 ng/ml



#37 AR-1262-2

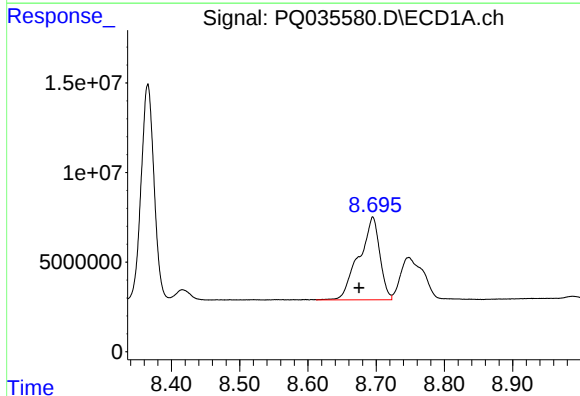
R.T.: 8.365 min
Delta R.T.: -0.001 min
Response: 159000981
Conc: 422.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



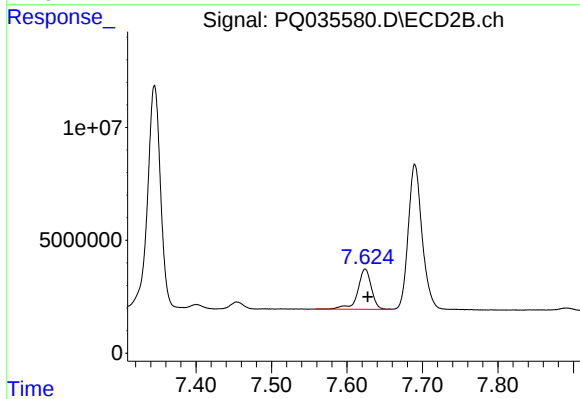
#37 AR-1262-2

R.T.: 7.345 min
Delta R.T.: -0.003 min
Response: 120673155
Conc: 452.19 ng/ml



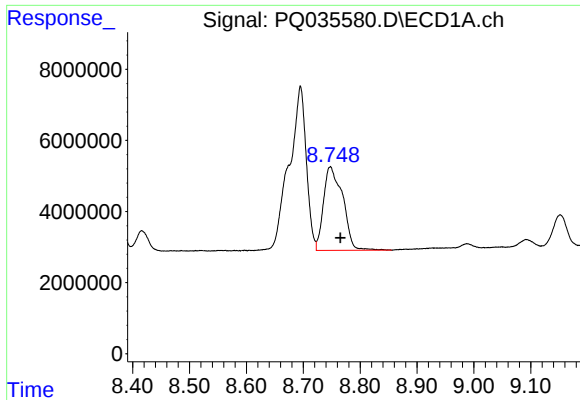
#38 AR-1262-3

R.T.: 8.695 min
Delta R.T.: 0.020 min
Response: 97528727
Conc: 405.71 ng/ml



#38 AR-1262-3

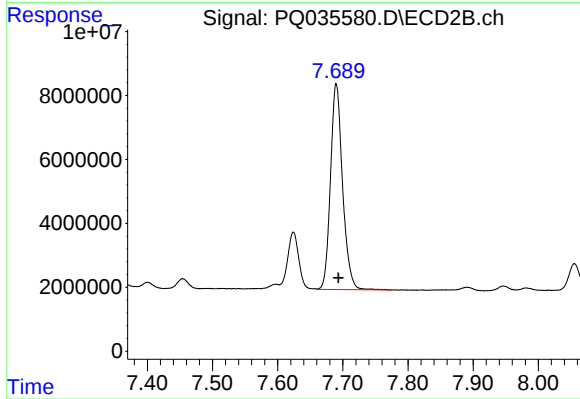
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 22371328
Conc: 215.56 ng/ml



#39 AR-1262-4

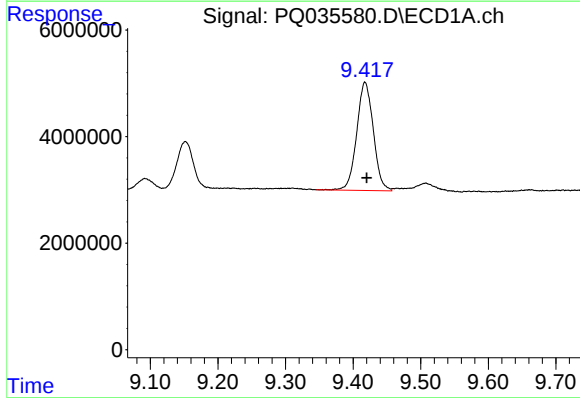
R.T.: 8.748 min
Delta R.T.: -0.018 min
Response: 55378935
Conc: 306.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



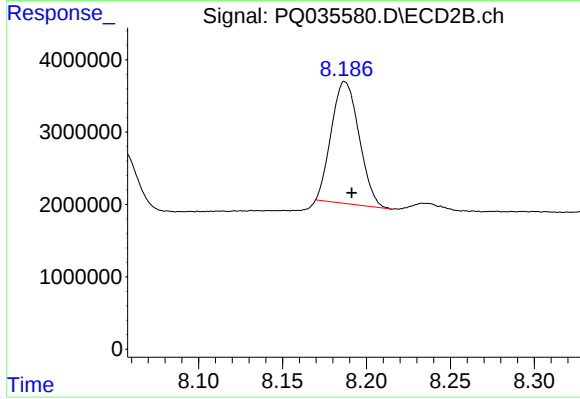
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: -0.003 min
Response: 82723808
Conc: 446.57 ng/ml



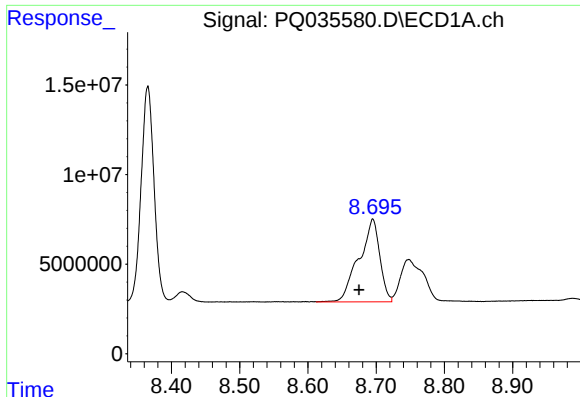
#40 AR-1262-5

R.T.: 9.418 min
Delta R.T.: -0.002 min
Response: 34718849
Conc: 304.86 ng/ml



#40 AR-1262-5

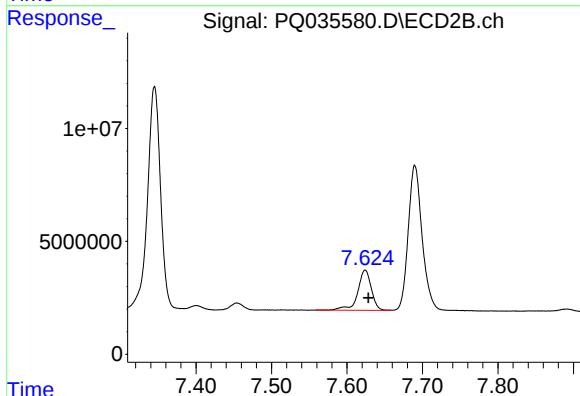
R.T.: 8.187 min
Delta R.T.: -0.004 min
Response: 19381116
Conc: 261.10 ng/ml



#41 AR-1268-1

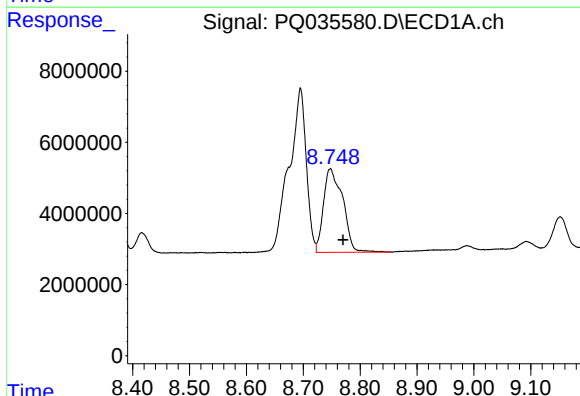
R.T.: 8.695 min
Delta R.T.: 0.020 min
Response: 97528727
Conc: 202.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



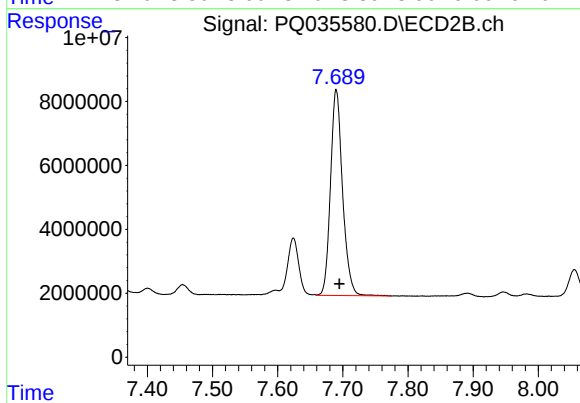
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.004 min
Response: 22371328
Conc: 67.09 ng/ml



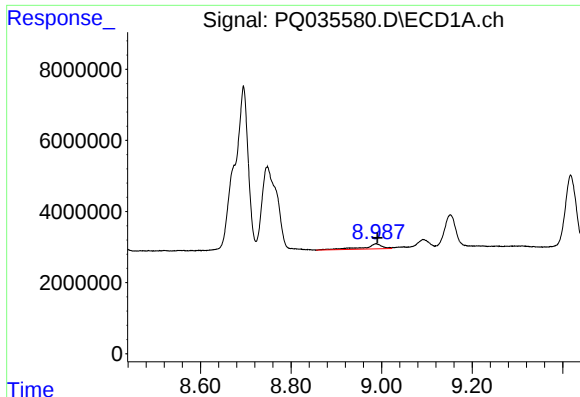
#42 AR-1268-2

R.T.: 8.748 min
Delta R.T.: -0.022 min
Response: 55378935
Conc: 128.35 ng/ml



#42 AR-1268-2

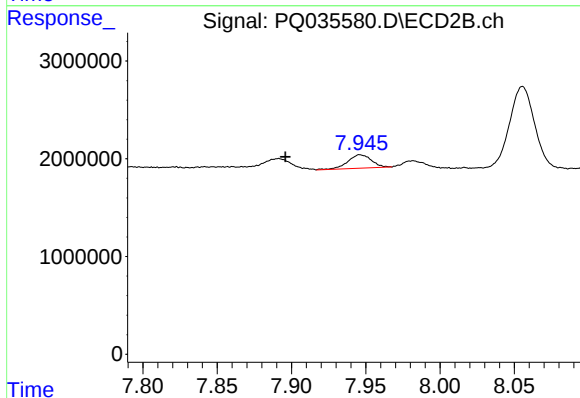
R.T.: 7.690 min
Delta R.T.: -0.005 min
Response: 82723808
Conc: 279.14 ng/ml



#43 AR-1268-3

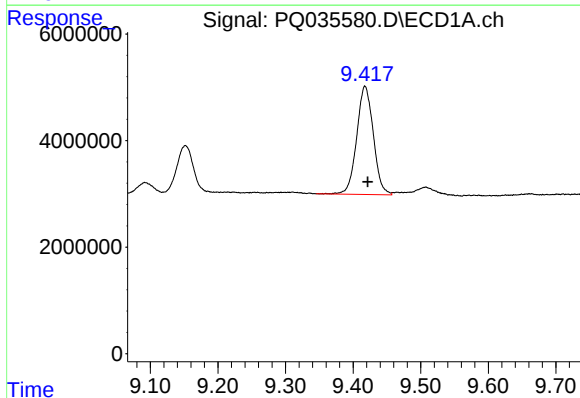
R.T.: 8.988 min
Delta R.T.: -0.003 min
Response: 4158408
Conc: 11.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



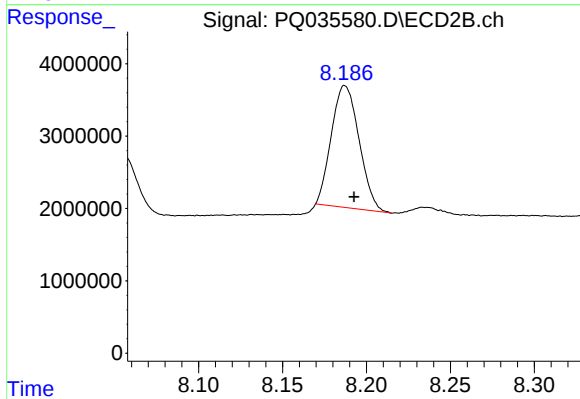
#43 AR-1268-3

R.T.: 7.946 min
Delta R.T.: 0.050 min
Response: 1517024
Conc: 6.21 ng/ml



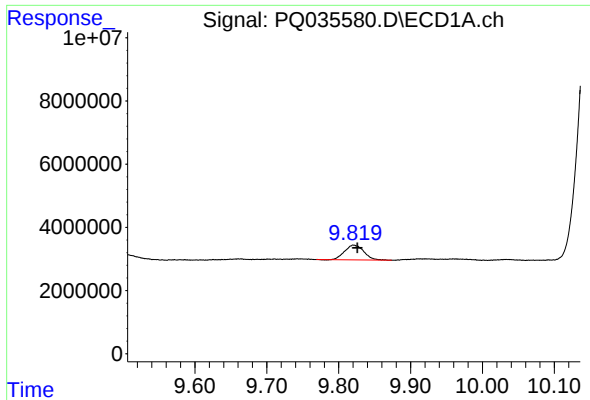
#44 AR-1268-4

R.T.: 9.418 min
Delta R.T.: -0.004 min
Response: 34718849
Conc: 253.25 ng/ml



#44 AR-1268-4

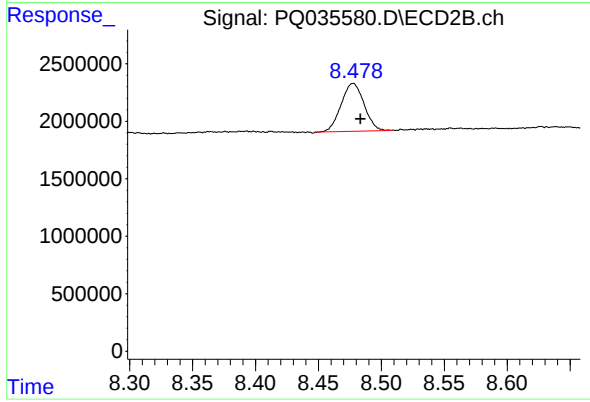
R.T.: 8.187 min
Delta R.T.: -0.005 min
Response: 19381116
Conc: 207.76 ng/ml



#45 AR-1268-5

R.T.: 9.821 min
Delta R.T.: -0.005 min
Response: 8672427
Conc: 7.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: -0.006 min
Response: 5292765
Conc: 7.25 ng/ml