

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ120218\
 Data File : PQ035186.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Dec 2018 17:44
 Operator : SM\SJ
 Sample : AR120218ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 08:53:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 03 08:50:54 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...	4.450	3.752	186.2E6	107.4E6	54.474	56.068
2)	SA Decachlor...	10.178	8.745	184.4E6	112.2E6	52.027	53.224
Target Compounds							
3)	L1 AR-1016-1	5.618	4.835	63788990	39525340	533.095	556.944
4)	L1 AR-1016-2	5.640	4.853	96360627	57929797	526.308	560.647
5)	L1 AR-1016-3	5.702	5.030	57495904	30512116	512.656	568.452
6)	L1 AR-1016-4	5.802	5.069	47653359	24432953	527.178	566.639
7)	L1 AR-1016-5	6.094	5.283	48768821	32570344	528.809	565.936
8)	L2 AR-1221-1	4.656	3.964	4891430	2588691	143.866	135.535
9)	L2 AR-1221-2	4.748	4.052	6987818	4573900	277.199	319.302
10)	L2 AR-1221-3	4.824	4.127	29120359	17393805	352.325	354.017
11)	L3 AR-1232-1	4.824	4.127	29120359	17393805	434.821	432.047
12)	L3 AR-1232-2	5.351	4.853	43586009	57929797	1225.410	1207.709
13)	L3 AR-1232-3	5.640	5.030	96360627	30512116	1206.982	1272.923
14)	L3 AR-1232-4	5.802	5.111	47653359	29600580	1203.844	1396.846
15)	L3 AR-1232-5	5.890	5.283	40814105	32570344	1390.465	1384.656
16)	L4 AR-1242-1	5.618	4.835	63788990	39525340	631.933	643.136
17)	L4 AR-1242-2	5.640	4.853	96360627	57929797	633.899	635.590
18)	L4 AR-1242-3	5.702	5.030	57495904	30512116	635.112	638.277
19)	L4 AR-1242-4	5.802	5.111	47653359	29600580	640.091	642.694
20)	L4 AR-1242-5	6.537	5.632	13395855	36785752	157.812	625.153 #
21)	L5 AR-1248-1	5.618	4.835	63788990	39525340	852.617	856.461
22)	L5 AR-1248-2	5.890	5.069	40814105	24432953	380.561	391.817
23)	L5 AR-1248-3	6.094	5.111	48768821	29600580	387.708	463.284
24)	L5 AR-1248-4	6.497	5.283	16560551	32570344	115.224	404.041 #
25)	L5 AR-1248-5	6.537	5.673	13395855	7779701	97.877	94.331
26)	L6 AR-1254-1	6.470	5.632	50331484	36785752	319.627	260.806
27)	L6 AR-1254-2	6.687	5.778	48218201	29230350	191.152	246.877 #
28)	L6 AR-1254-3	7.057	6.192	28616741	51905592	105.585	253.565 #
29)	L6 AR-1254-4	7.341	6.408	19122852	7790501	100.736	60.882 #
30)	L6 AR-1254-5	7.759	6.822	160.7E6	111.6E6	835.647	660.908
31)	L7 AR-1260-1	7.217	6.308	104.2E6	72122142	521.594	556.696
32)	L7 AR-1260-2	7.473	6.496	127.3E6	90112778	555.447	556.394
33)	L7 AR-1260-3	7.832	6.649	76902769	84499577	547.293	559.985
34)	L7 AR-1260-4	8.060	7.117	94955337	59240128	527.726	541.651
35)	L7 AR-1260-5	8.382	7.359	187.2E6	154.7E6	526.710	569.859
36)	L8 AR-1262-1	7.832	6.858	76902769	63391507	356.668	393.892
37)	L8 AR-1262-2	8.382	7.359	187.2E6	154.7E6	510.615	553.260
38)	L8 AR-1262-3	8.713	7.638	116.3E6	26061215	507.456	260.943 #
39)	L8 AR-1262-4	8.764	7.704	64300336	107.5E6	375.571	565.588 #
40)	L8 AR-1262-5	9.440	8.201	41688247	27799919	372.968	363.035
41)	L9 AR-1268-1	8.713	7.638	116.3E6	26061215	209.682	64.991 #

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 Acq On : 01 Dec 2018 17:44
 Operator : SM\SJ
 Sample : AR120218ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

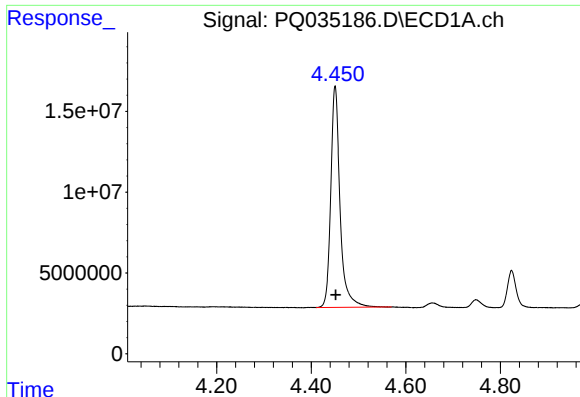
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 03 08:53:05 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ120218.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 03 08:50:54 2018
 Response via : Initial Calibration
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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	8.764	7.704	64300336	107.5E6	127.096	299.686 #
43) L9	AR-1268-3	9.007	7.905	3667476	2235925	8.570	7.803
44) L9	AR-1268-4	9.440	8.201	41688247	27799919	261.994	252.673
45) L9	AR-1268-5	9.848	8.492	12897401	6665960	10.062	8.299

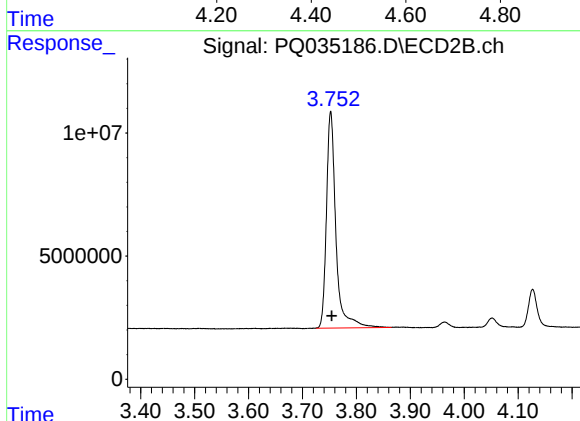
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

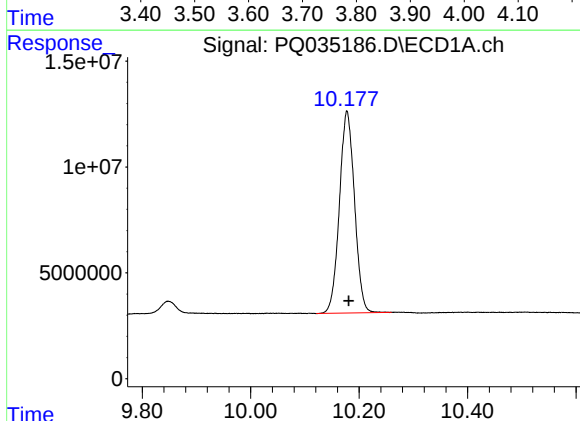
R.T.: 4.450 min
Delta R.T.: -0.002 min
Response: 186192885
Conc: 54.47 ng/ml

Instrument :
ECD_Q
ClientSampleId :



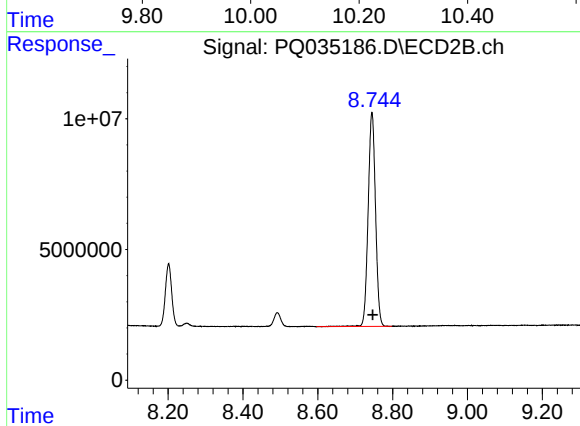
#1 Tetrachloro-m-xylene

R.T.: 3.752 min
Delta R.T.: -0.002 min
Response: 107402739
Conc: 56.07 ng/ml



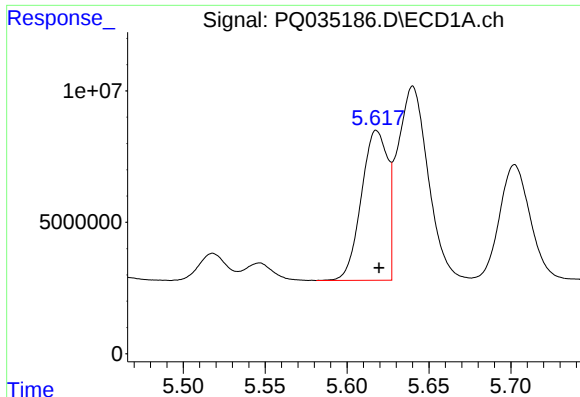
#2 Decachlorobiphenyl

R.T.: 10.178 min
Delta R.T.: -0.003 min
Response: 184371157
Conc: 52.03 ng/ml



#2 Decachlorobiphenyl

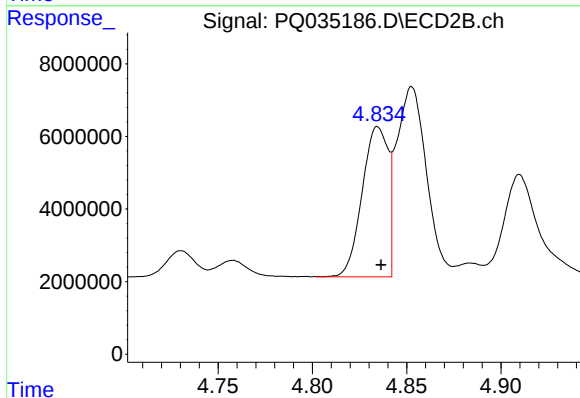
R.T.: 8.745 min
Delta R.T.: -0.002 min
Response: 112239978
Conc: 53.22 ng/ml



#3 AR-1016-1

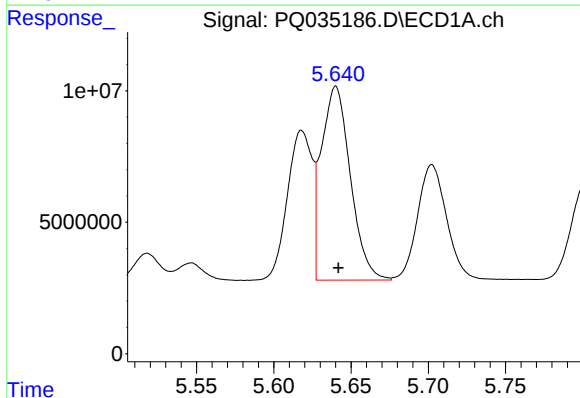
R.T.: 5.618 min
Delta R.T.: -0.002 min
Response: 63788990
Conc: 533.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



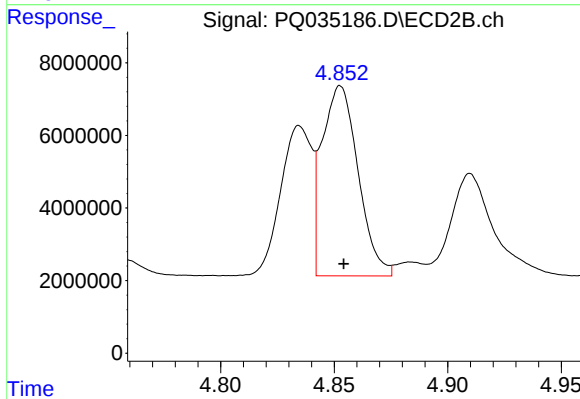
#3 AR-1016-1

R.T.: 4.835 min
Delta R.T.: -0.002 min
Response: 39525340
Conc: 556.94 ng/ml



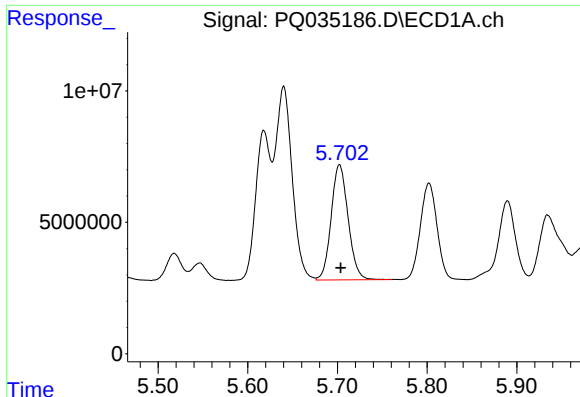
#4 AR-1016-2

R.T.: 5.640 min
Delta R.T.: -0.002 min
Response: 96360627
Conc: 526.31 ng/ml



#4 AR-1016-2

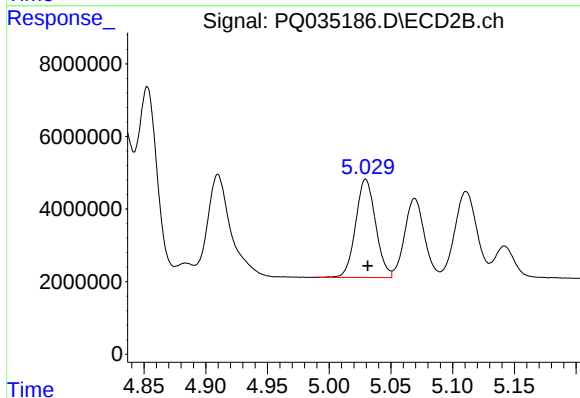
R.T.: 4.853 min
Delta R.T.: -0.001 min
Response: 57929797
Conc: 560.65 ng/ml



#5 AR-1016-3

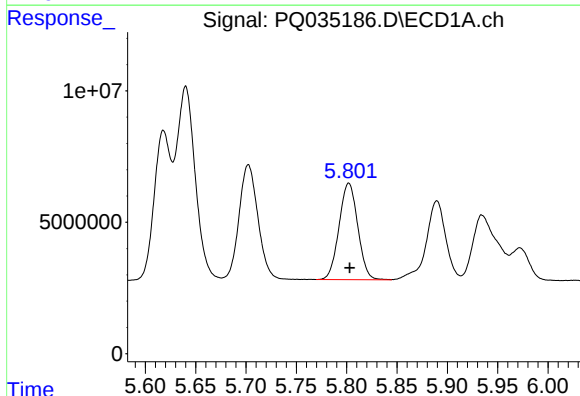
R.T.: 5.702 min
Delta R.T.: -0.001 min
Response: 57495904
Conc: 512.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :



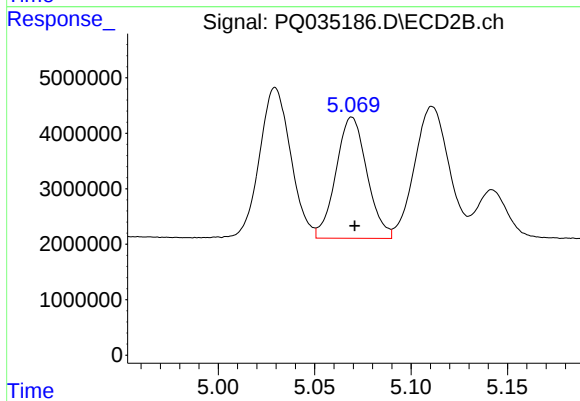
#5 AR-1016-3

R.T.: 5.030 min
Delta R.T.: -0.002 min
Response: 30512116
Conc: 568.45 ng/ml



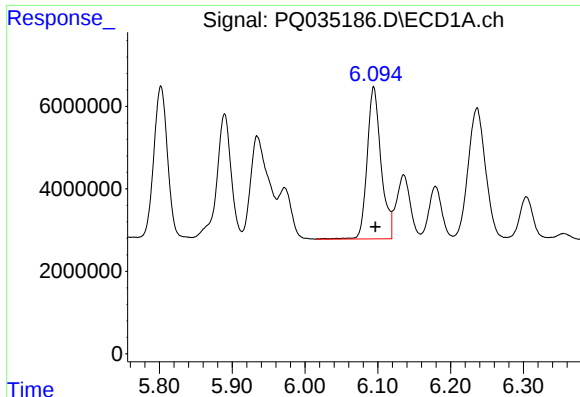
#6 AR-1016-4

R.T.: 5.802 min
Delta R.T.: -0.001 min
Response: 47653359
Conc: 527.18 ng/ml



#6 AR-1016-4

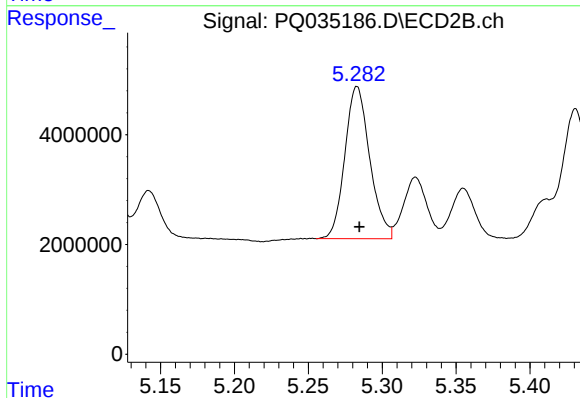
R.T.: 5.069 min
Delta R.T.: -0.002 min
Response: 24432953
Conc: 566.64 ng/ml



#7 AR-1016-5

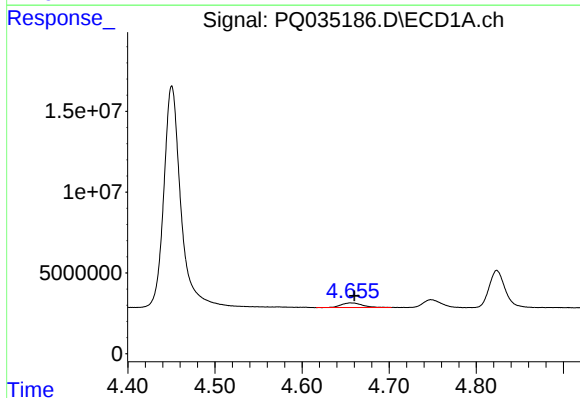
R.T.: 6.094 min
Delta R.T.: -0.002 min
Response: 48768821
Conc: 528.81 ng/ml

Instrument :
ECD_Q
ClientSampleId :



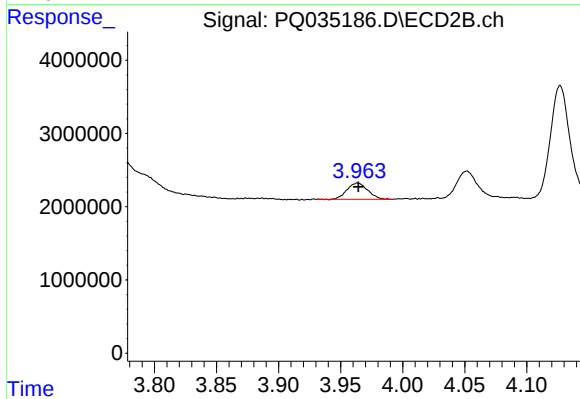
#7 AR-1016-5

R.T.: 5.283 min
Delta R.T.: -0.002 min
Response: 32570344
Conc: 565.94 ng/ml



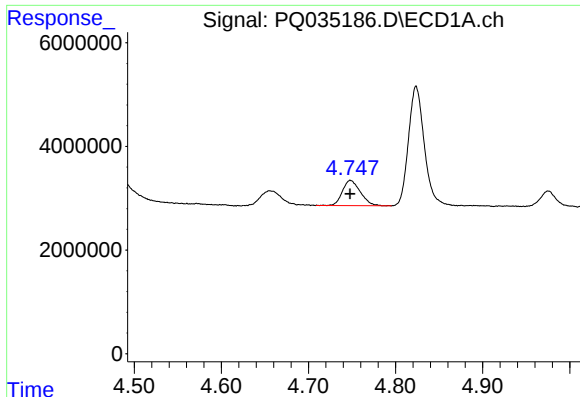
#8 AR-1221-1

R.T.: 4.656 min
Delta R.T.: -0.004 min
Response: 4891430
Conc: 143.87 ng/ml



#8 AR-1221-1

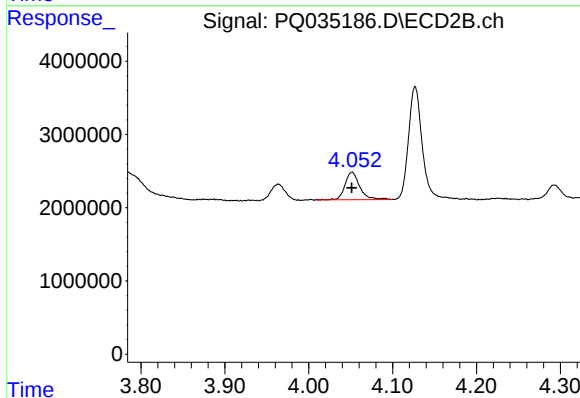
R.T.: 3.964 min
Delta R.T.: 0.000 min
Response: 2588691
Conc: 135.53 ng/ml



#9 AR-1221-2

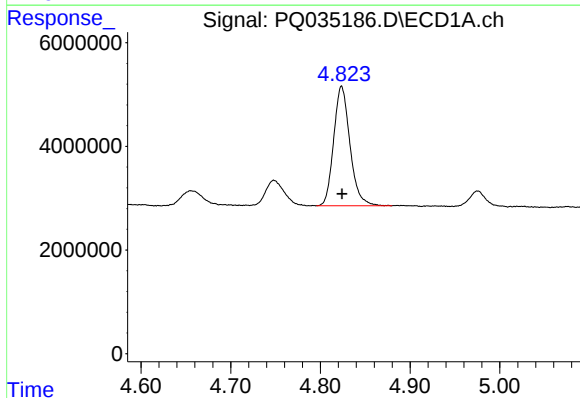
R.T.: 4.748 min
Delta R.T.: 0.000 min
Response: 6987818
Conc: 277.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



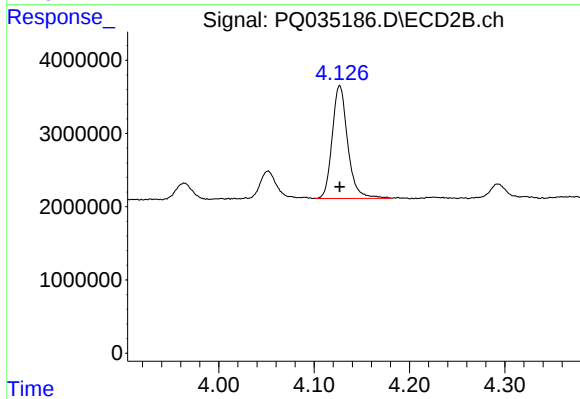
#9 AR-1221-2

R.T.: 4.052 min
Delta R.T.: 0.000 min
Response: 4573900
Conc: 319.30 ng/ml



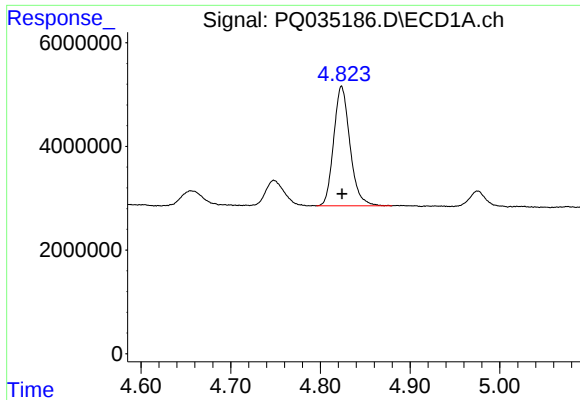
#10 AR-1221-3

R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 29120359
Conc: 352.32 ng/ml



#10 AR-1221-3

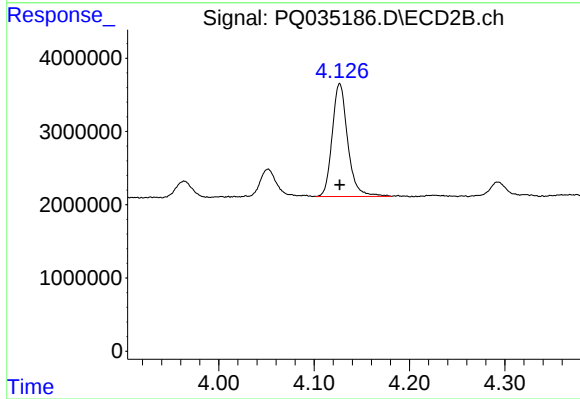
R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 17393805
Conc: 354.02 ng/ml



#11 AR-1232-1

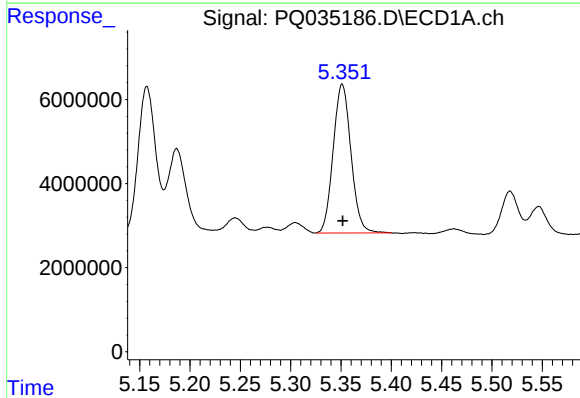
R.T.: 4.824 min
Delta R.T.: 0.000 min
Response: 29120359
Conc: 434.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



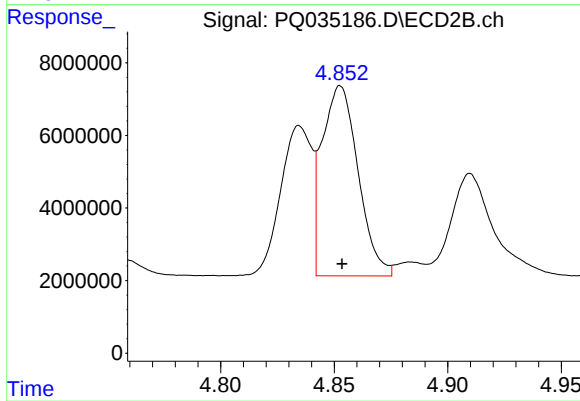
#11 AR-1232-1

R.T.: 4.127 min
Delta R.T.: 0.000 min
Response: 17393805
Conc: 432.05 ng/ml



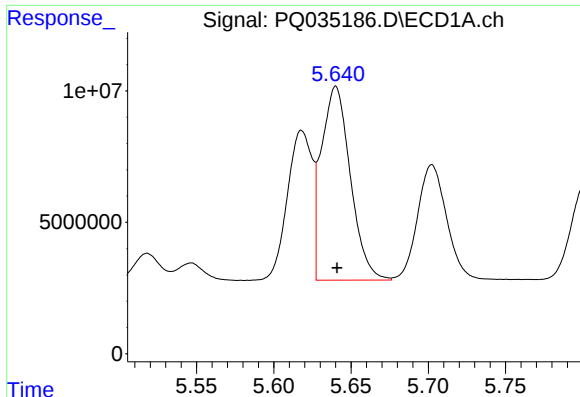
#12 AR-1232-2

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 43586009
Conc: 1225.41 ng/ml



#12 AR-1232-2

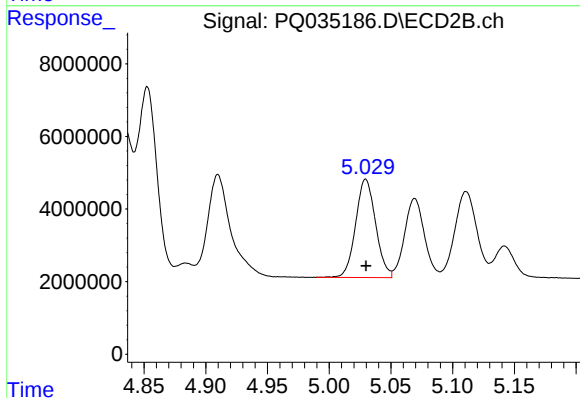
R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 57929797
Conc: 1207.71 ng/ml



#13 AR-1232-3

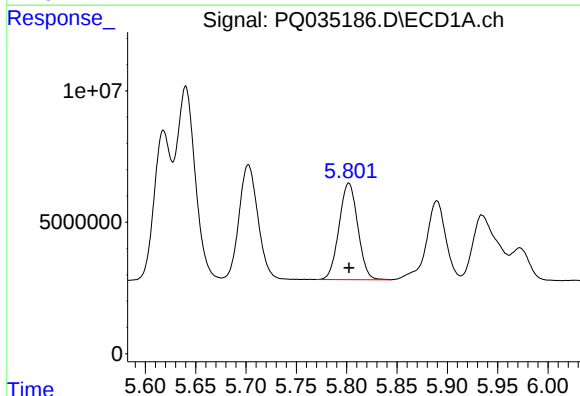
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 96360627
Conc: 1206.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



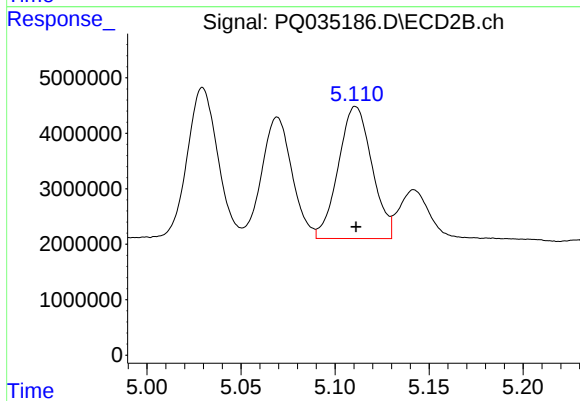
#13 AR-1232-3

R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 30512116
Conc: 1272.92 ng/ml



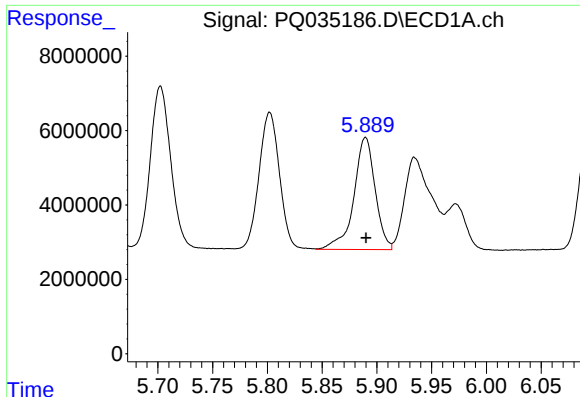
#14 AR-1232-4

R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 47653359
Conc: 1203.84 ng/ml



#14 AR-1232-4

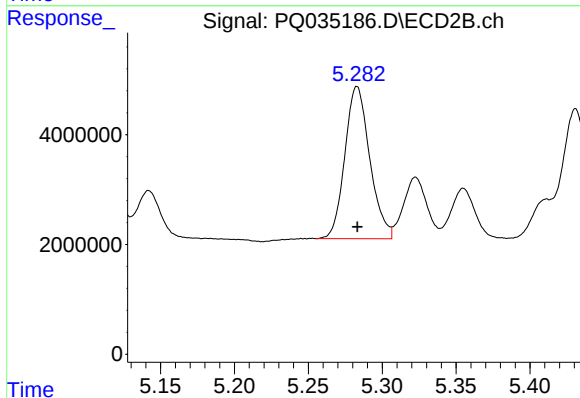
R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 29600580
Conc: 1396.85 ng/ml



#15 AR-1232-5

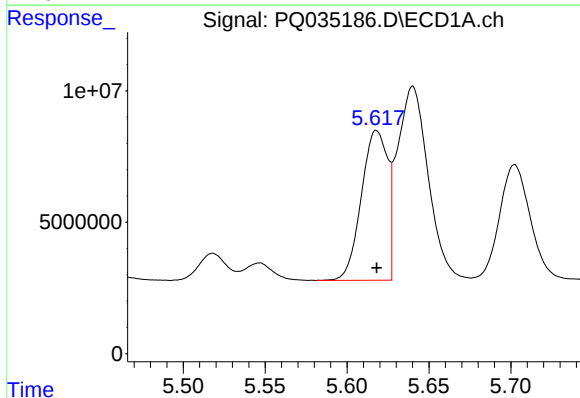
R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 40814105
Conc: 1390.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



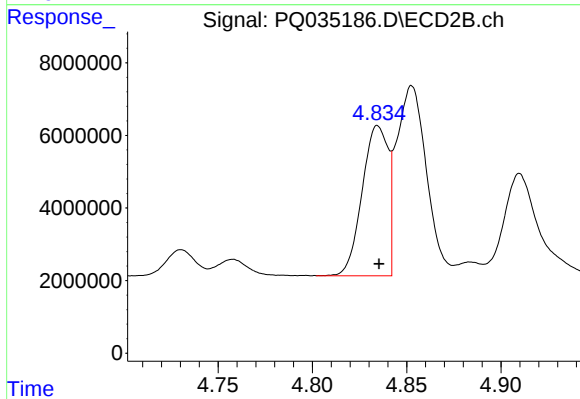
#15 AR-1232-5

R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 32570344
Conc: 1384.66 ng/ml



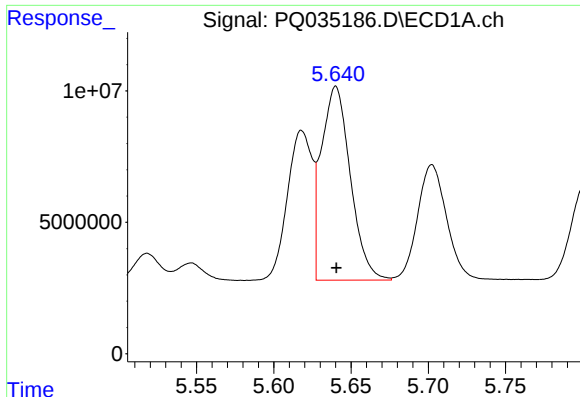
#16 AR-1242-1

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 63788990
Conc: 631.93 ng/ml



#16 AR-1242-1

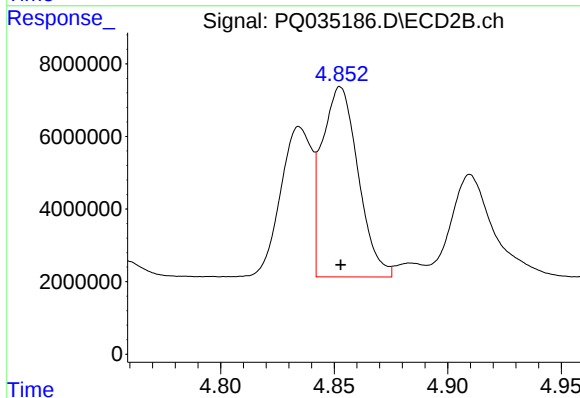
R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 39525340
Conc: 643.14 ng/ml



#17 AR-1242-2

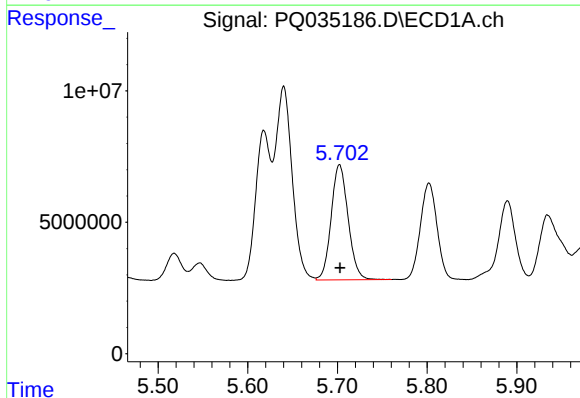
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 96360627
Conc: 633.90 ng/ml

Instrument :
ECD_Q
ClientSampleId :



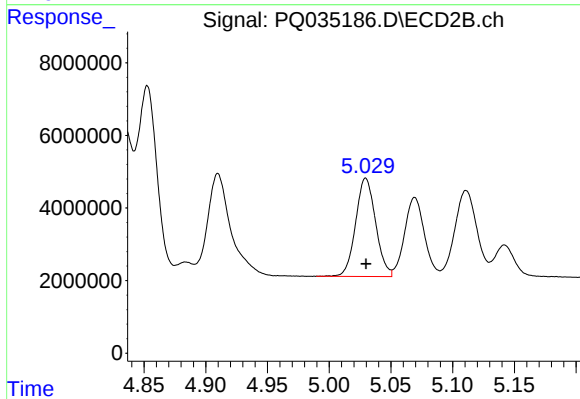
#17 AR-1242-2

R.T.: 4.853 min
Delta R.T.: 0.000 min
Response: 57929797
Conc: 635.59 ng/ml



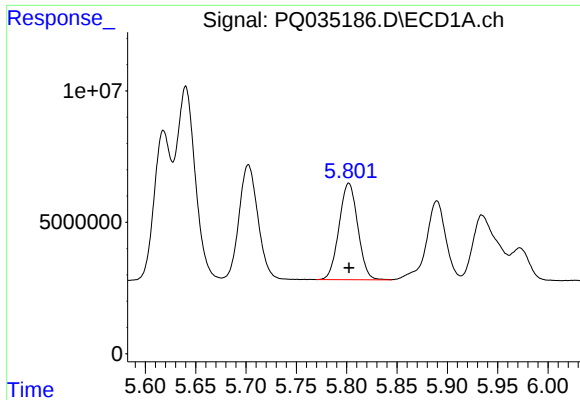
#18 AR-1242-3

R.T.: 5.702 min
Delta R.T.: 0.000 min
Response: 57495904
Conc: 635.11 ng/ml



#18 AR-1242-3

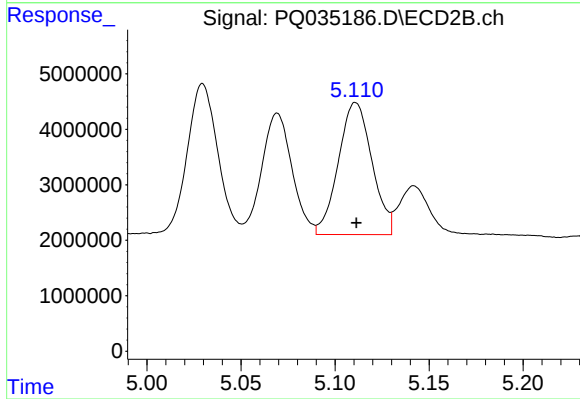
R.T.: 5.030 min
Delta R.T.: 0.000 min
Response: 30512116
Conc: 638.28 ng/ml



#19 AR-1242-4

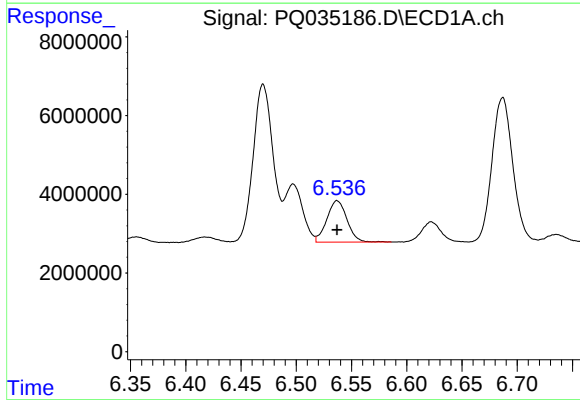
R.T.: 5.802 min
Delta R.T.: 0.000 min
Response: 47653359
Conc: 640.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



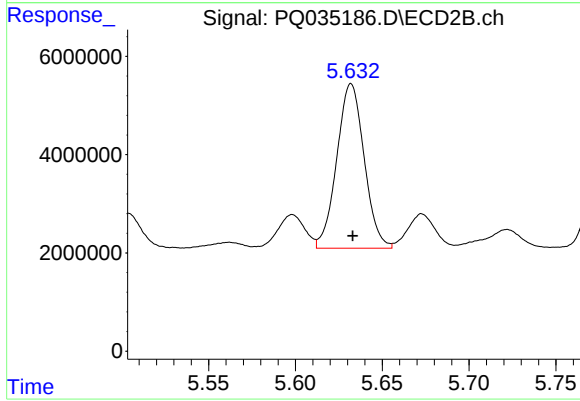
#19 AR-1242-4

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 29600580
Conc: 642.69 ng/ml



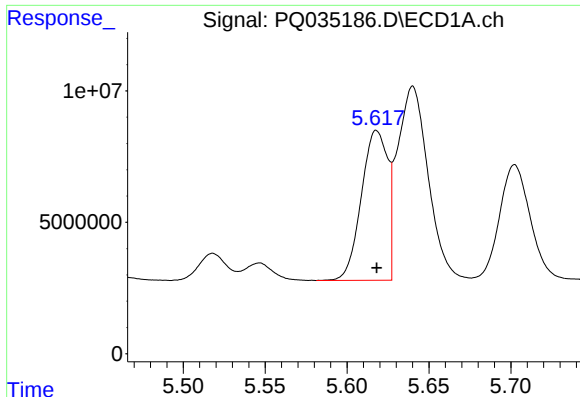
#20 AR-1242-5

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 13395855
Conc: 157.81 ng/ml



#20 AR-1242-5

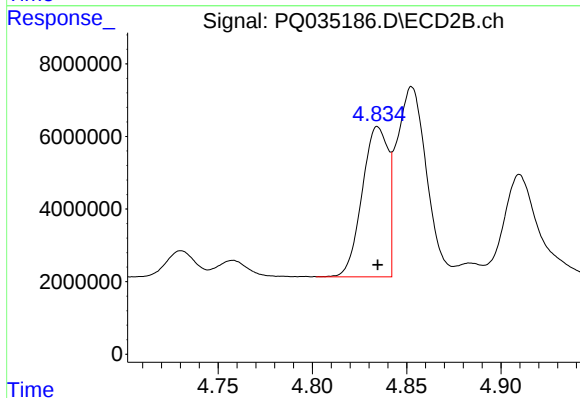
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 36785752
Conc: 625.15 ng/ml



#21 AR-1248-1

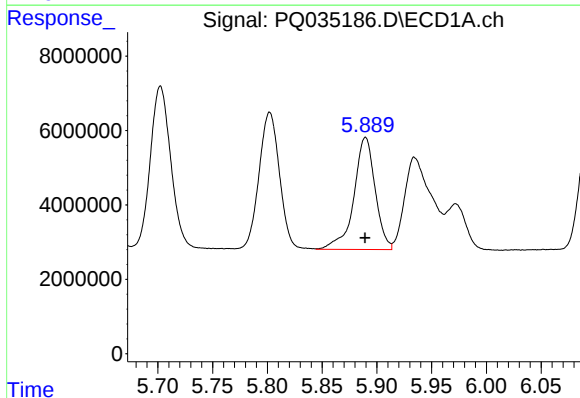
R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 63788990
Conc: 852.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



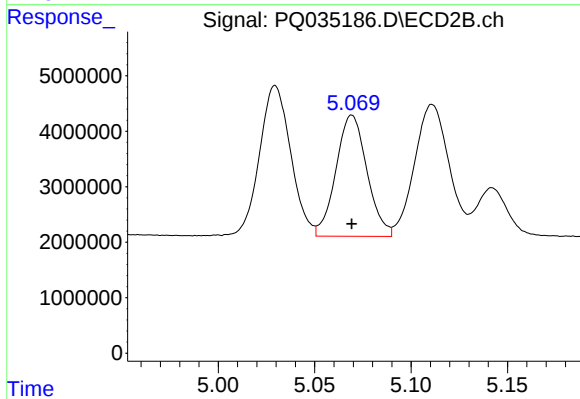
#21 AR-1248-1

R.T.: 4.835 min
Delta R.T.: 0.000 min
Response: 39525340
Conc: 856.46 ng/ml



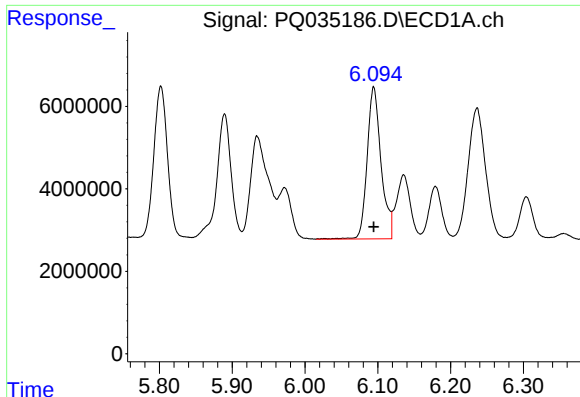
#22 AR-1248-2

R.T.: 5.890 min
Delta R.T.: 0.000 min
Response: 40814105
Conc: 380.56 ng/ml



#22 AR-1248-2

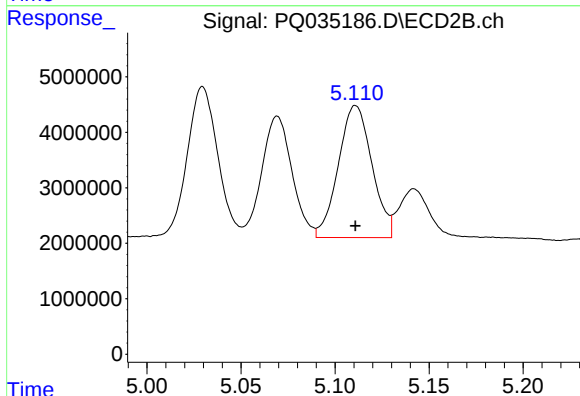
R.T.: 5.069 min
Delta R.T.: 0.000 min
Response: 24432953
Conc: 391.82 ng/ml



#23 AR-1248-3

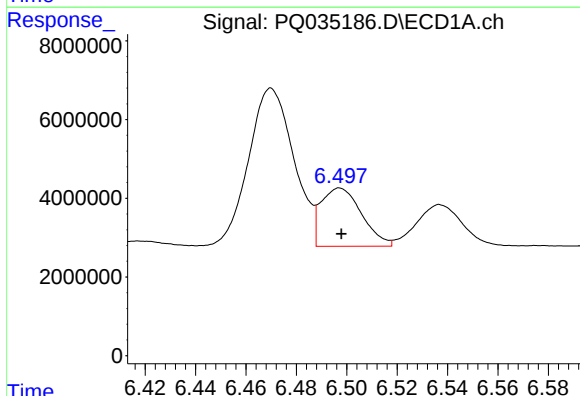
R.T.: 6.094 min
Delta R.T.: 0.000 min
Response: 48768821
Conc: 387.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



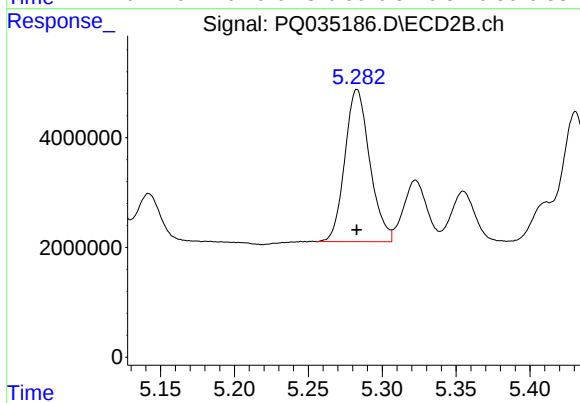
#23 AR-1248-3

R.T.: 5.111 min
Delta R.T.: 0.000 min
Response: 29600580
Conc: 463.28 ng/ml



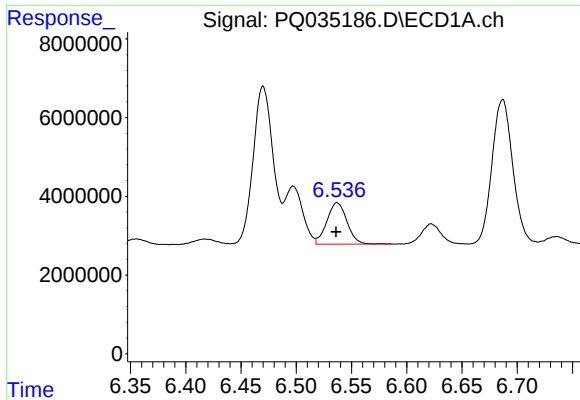
#24 AR-1248-4

R.T.: 6.497 min
Delta R.T.: 0.000 min
Response: 16560551
Conc: 115.22 ng/ml



#24 AR-1248-4

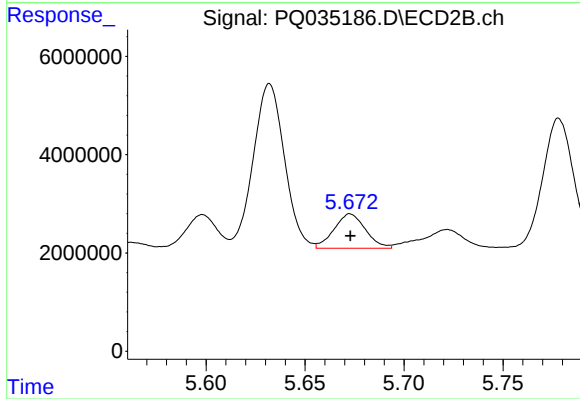
R.T.: 5.283 min
Delta R.T.: 0.000 min
Response: 32570344
Conc: 404.04 ng/ml



#25 AR-1248-5

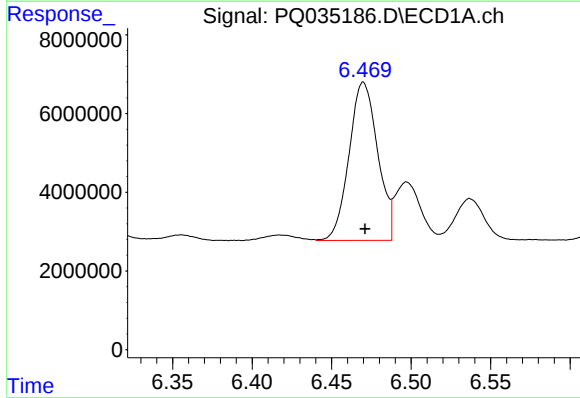
R.T.: 6.537 min
Delta R.T.: 0.001 min
Response: 13395855
Conc: 97.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



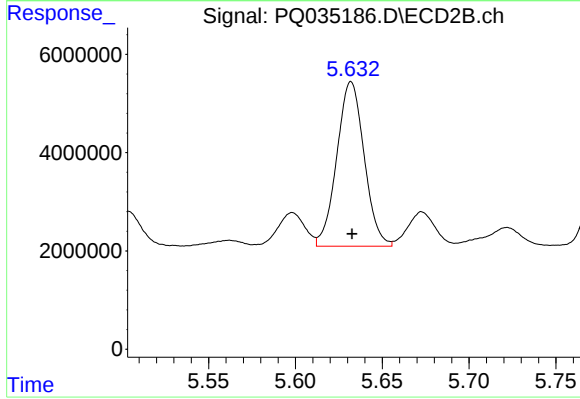
#25 AR-1248-5

R.T.: 5.673 min
Delta R.T.: 0.000 min
Response: 7779701
Conc: 94.33 ng/ml



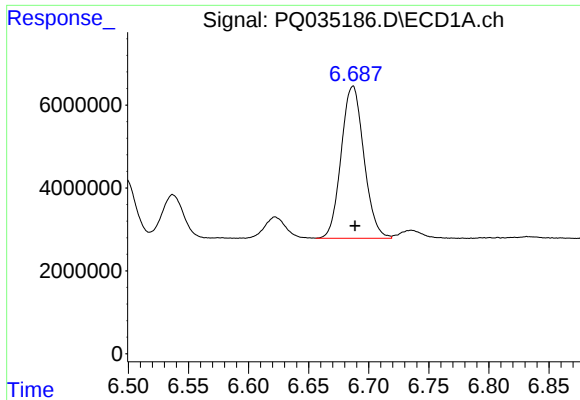
#26 AR-1254-1

R.T.: 6.470 min
Delta R.T.: -0.001 min
Response: 50331484
Conc: 319.63 ng/ml



#26 AR-1254-1

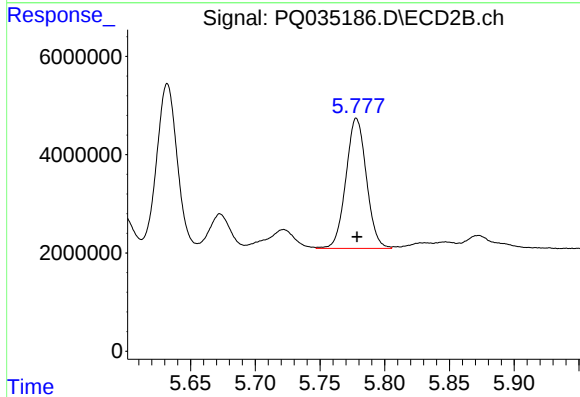
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 36785752
Conc: 260.81 ng/ml



#27 AR-1254-2

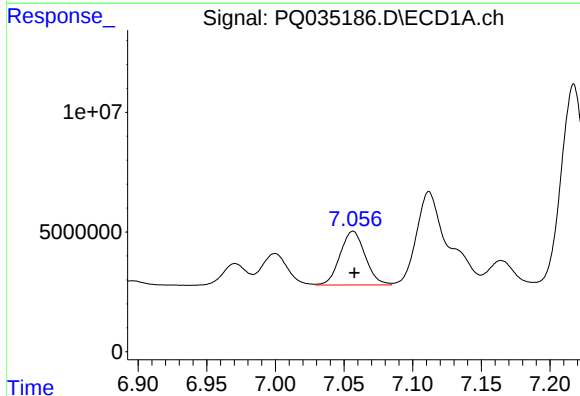
R.T.: 6.687 min
Delta R.T.: -0.002 min
Response: 48218201
Conc: 191.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



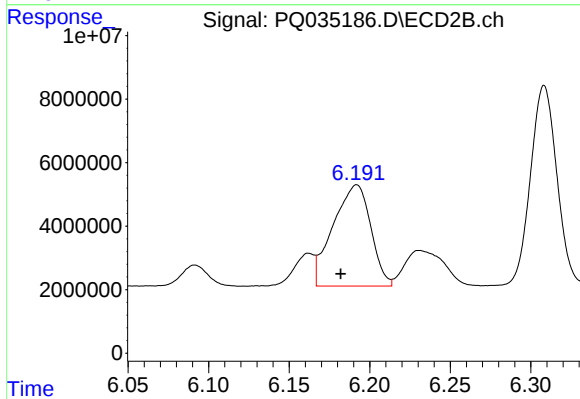
#27 AR-1254-2

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 29230350
Conc: 246.88 ng/ml



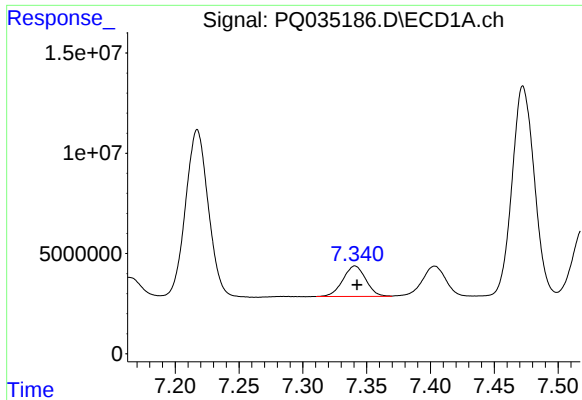
#28 AR-1254-3

R.T.: 7.057 min
Delta R.T.: 0.000 min
Response: 28616741
Conc: 105.59 ng/ml



#28 AR-1254-3

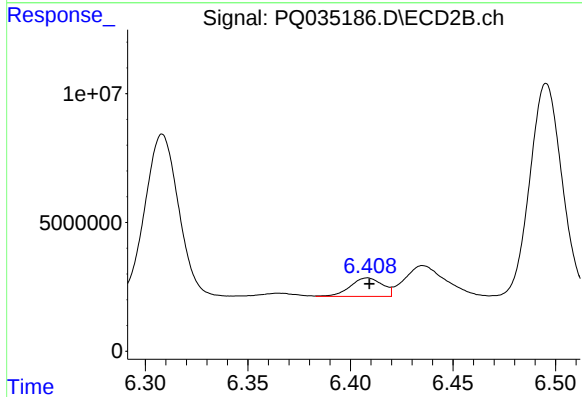
R.T.: 6.192 min
Delta R.T.: 0.010 min
Response: 51905592
Conc: 253.57 ng/ml



#29 AR-1254-4

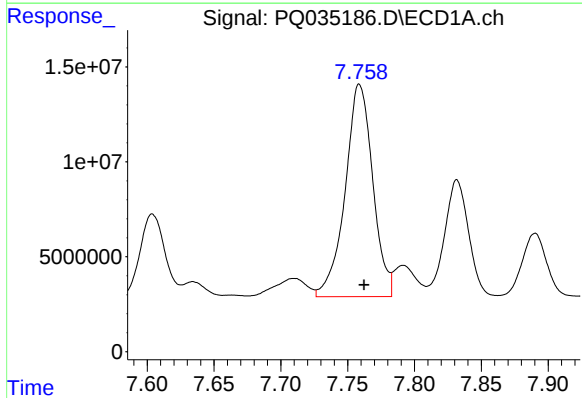
R.T.: 7.341 min
Delta R.T.: -0.001 min
Response: 19122852
Conc: 100.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



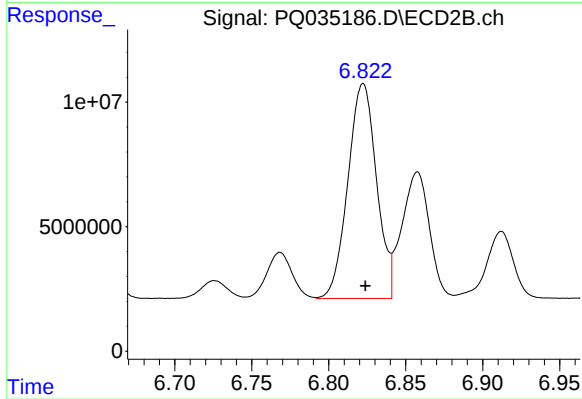
#29 AR-1254-4

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 7790501
Conc: 60.88 ng/ml



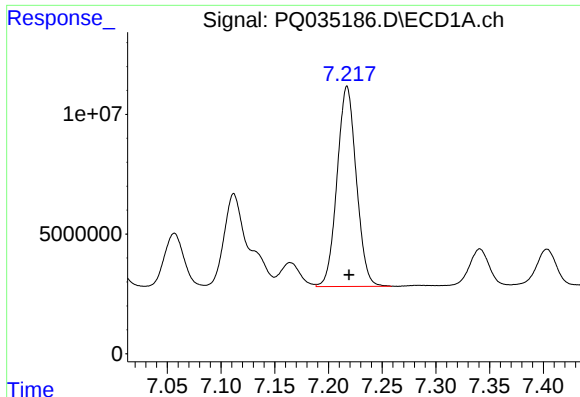
#30 AR-1254-5

R.T.: 7.759 min
Delta R.T.: -0.004 min
Response: 160656913
Conc: 835.65 ng/ml



#30 AR-1254-5

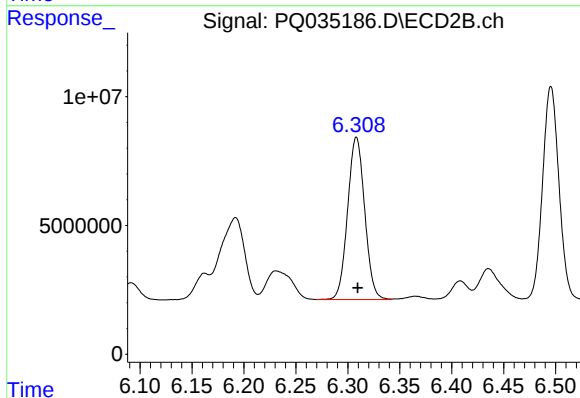
R.T.: 6.822 min
Delta R.T.: -0.002 min
Response: 111636880
Conc: 660.91 ng/ml



#31 AR-1260-1

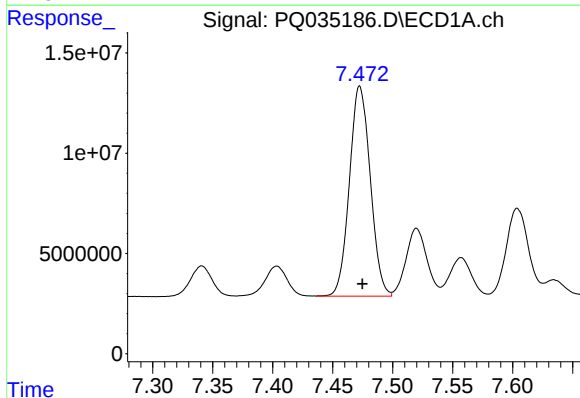
R.T.: 7.217 min
Delta R.T.: -0.002 min
Response: 104218432
Conc: 521.59 ng/ml

Instrument :
ECD_Q
ClientSampleId :



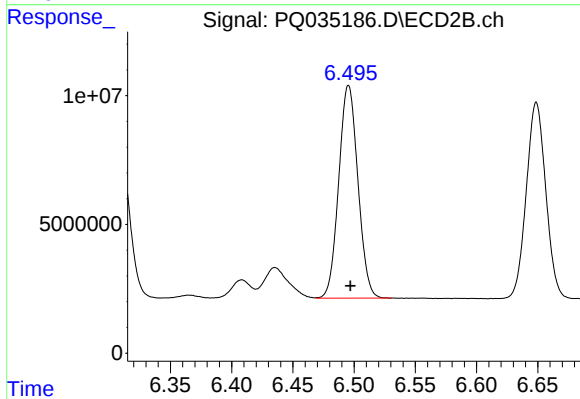
#31 AR-1260-1

R.T.: 6.308 min
Delta R.T.: -0.001 min
Response: 72122142
Conc: 556.70 ng/ml



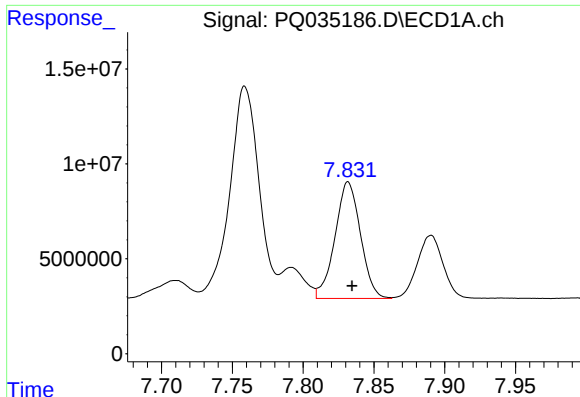
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: -0.002 min
Response: 127255428
Conc: 555.45 ng/ml



#32 AR-1260-2

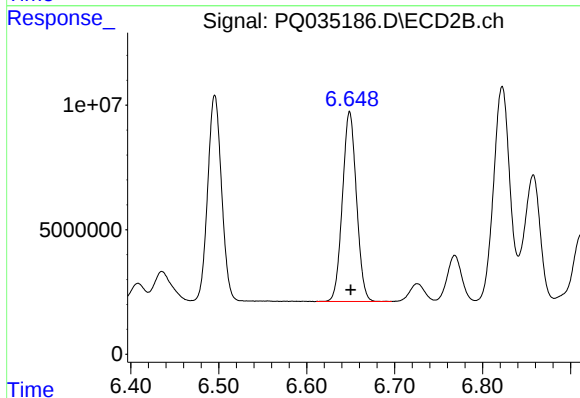
R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 90112778
Conc: 556.39 ng/ml



#33 AR-1260-3

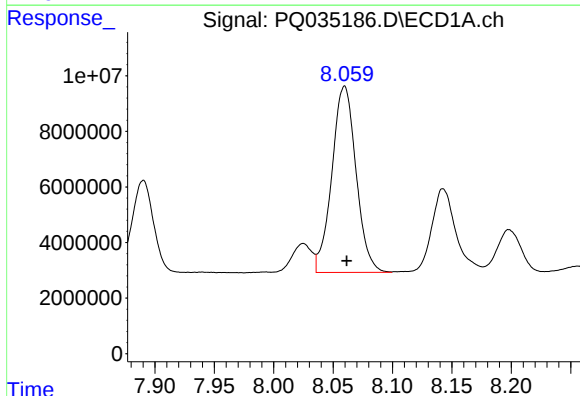
R.T.: 7.832 min
Delta R.T.: -0.003 min
Response: 76902769
Conc: 547.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



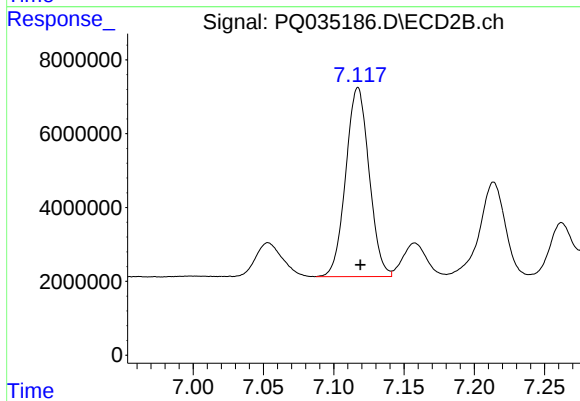
#33 AR-1260-3

R.T.: 6.649 min
Delta R.T.: -0.001 min
Response: 84499577
Conc: 559.98 ng/ml



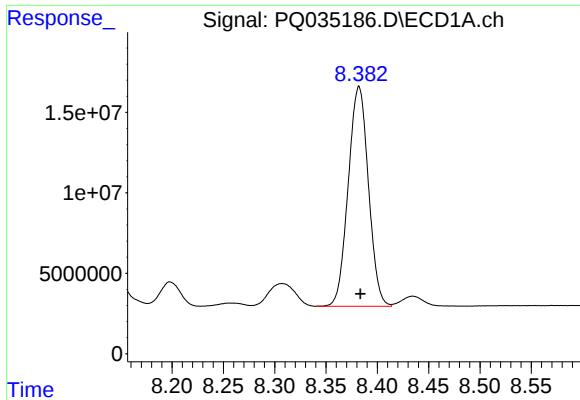
#34 AR-1260-4

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 94955337
Conc: 527.73 ng/ml



#34 AR-1260-4

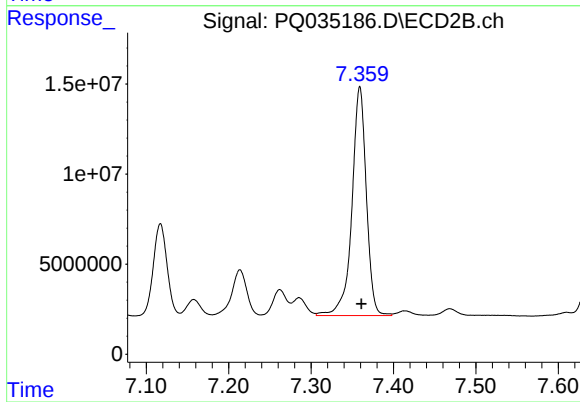
R.T.: 7.117 min
Delta R.T.: -0.002 min
Response: 59240128
Conc: 541.65 ng/ml



#35 AR-1260-5

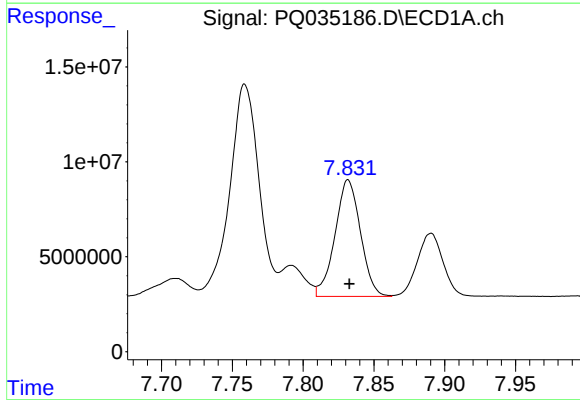
R.T.: 8.382 min
Delta R.T.: -0.001 min
Response: 187184333
Conc: 526.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



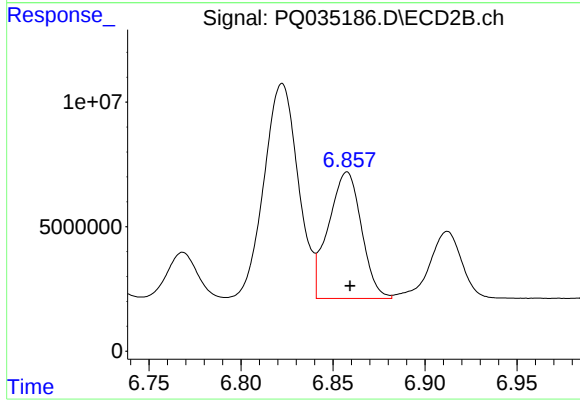
#35 AR-1260-5

R.T.: 7.359 min
Delta R.T.: -0.002 min
Response: 154693313
Conc: 569.86 ng/ml



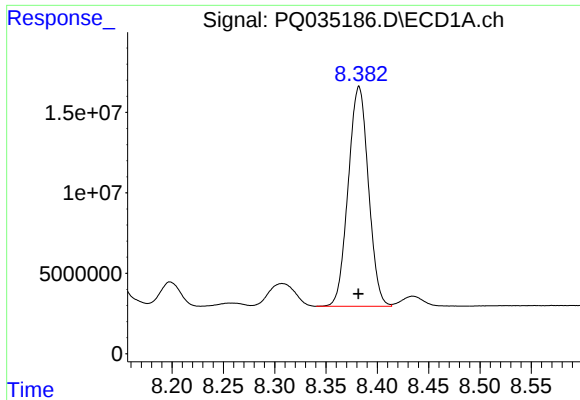
#36 AR-1262-1

R.T.: 7.832 min
Delta R.T.: -0.001 min
Response: 76902769
Conc: 356.67 ng/ml



#36 AR-1262-1

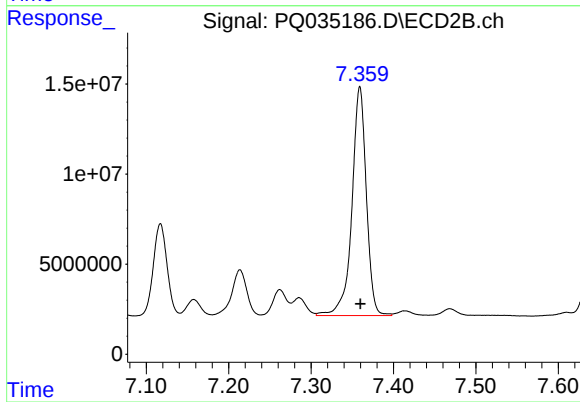
R.T.: 6.858 min
Delta R.T.: -0.002 min
Response: 63391507
Conc: 393.89 ng/ml



#37 AR-1262-2

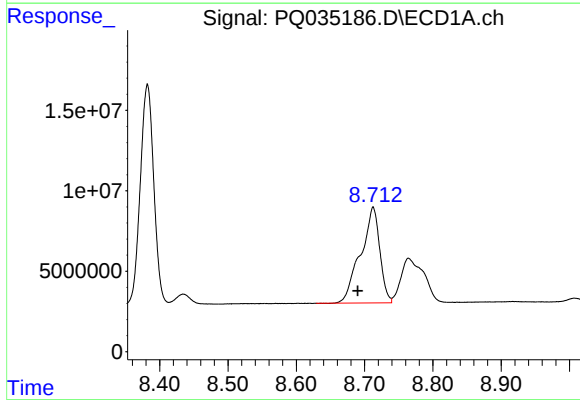
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 187184333
Conc: 510.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



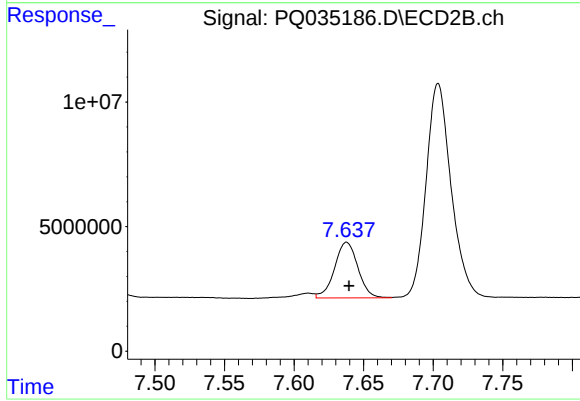
#37 AR-1262-2

R.T.: 7.359 min
Delta R.T.: 0.000 min
Response: 154693313
Conc: 553.26 ng/ml



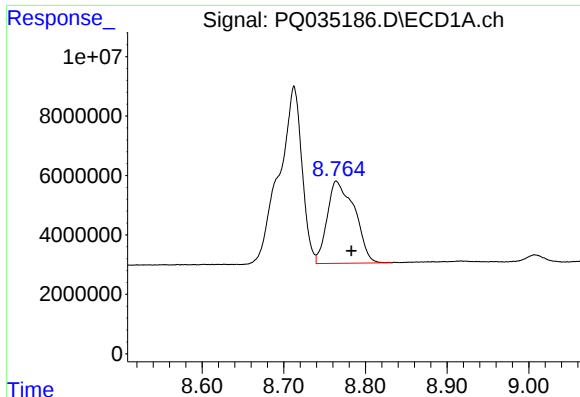
#38 AR-1262-3

R.T.: 8.713 min
Delta R.T.: 0.022 min
Response: 116260869
Conc: 507.46 ng/ml



#38 AR-1262-3

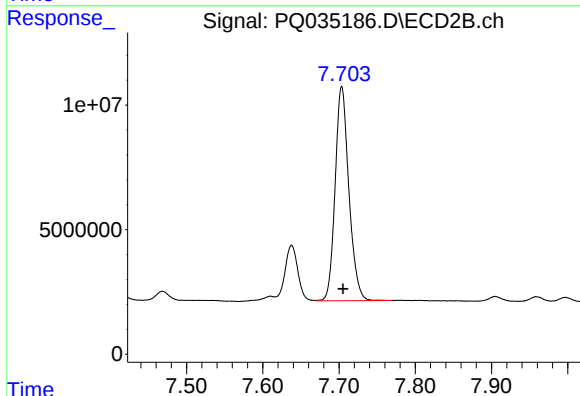
R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 26061215
Conc: 260.94 ng/ml



#39 AR-1262-4

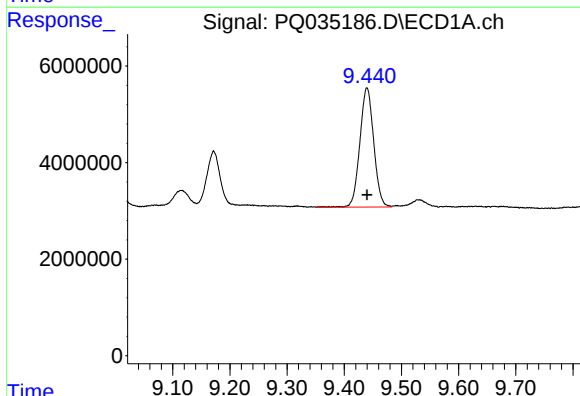
R.T.: 8.764 min
Delta R.T.: -0.018 min
Response: 64300336
Conc: 375.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



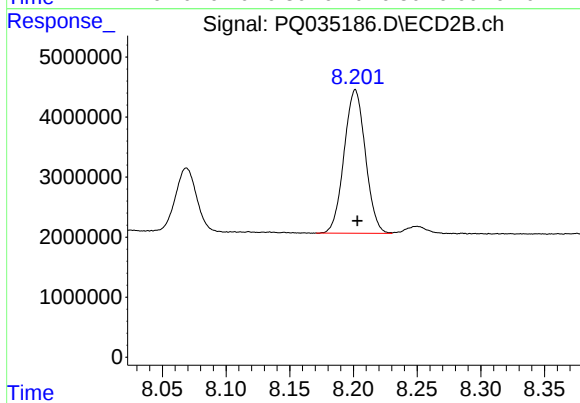
#39 AR-1262-4

R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 107537046
Conc: 565.59 ng/ml



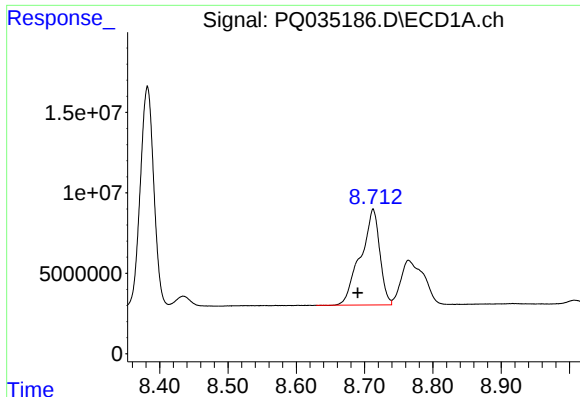
#40 AR-1262-5

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 41688247
Conc: 372.97 ng/ml



#40 AR-1262-5

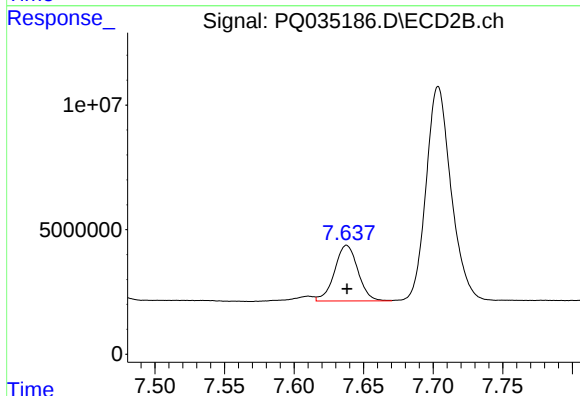
R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 27799919
Conc: 363.04 ng/ml



#41 AR-1268-1

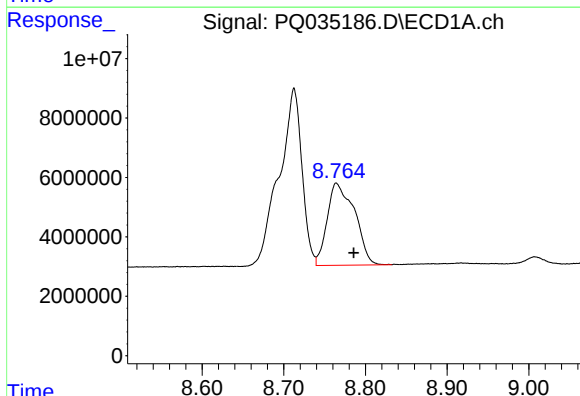
R.T.: 8.713 min
Delta R.T.: 0.022 min
Response: 116260869
Conc: 209.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



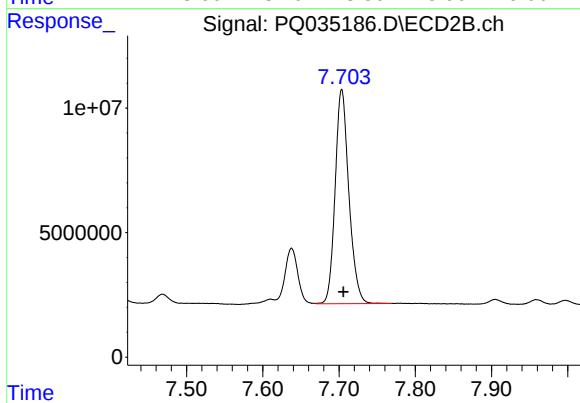
#41 AR-1268-1

R.T.: 7.638 min
Delta R.T.: 0.000 min
Response: 26061215
Conc: 64.99 ng/ml



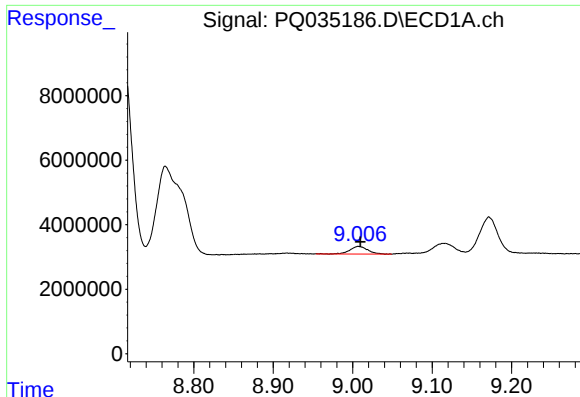
#42 AR-1268-2

R.T.: 8.764 min
Delta R.T.: -0.021 min
Response: 64300336
Conc: 127.10 ng/ml



#42 AR-1268-2

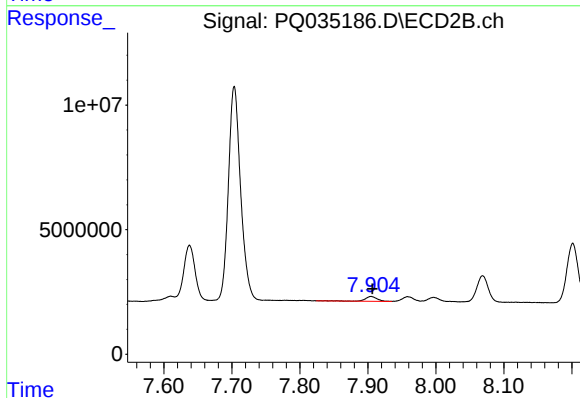
R.T.: 7.704 min
Delta R.T.: -0.002 min
Response: 107537046
Conc: 299.69 ng/ml



#43 AR-1268-3

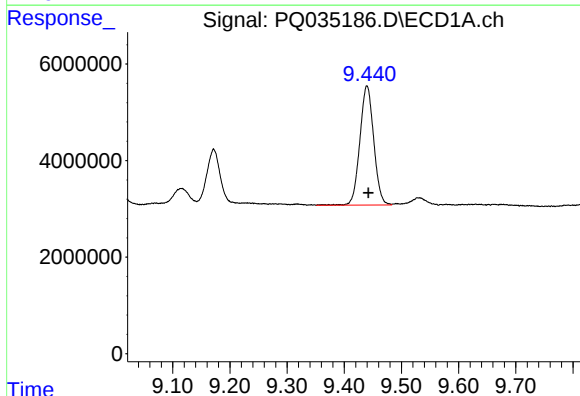
R.T.: 9.007 min
Delta R.T.: -0.002 min
Response: 3667476
Conc: 8.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :



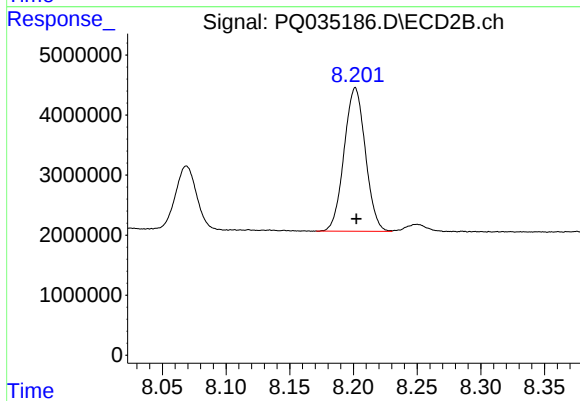
#43 AR-1268-3

R.T.: 7.905 min
Delta R.T.: -0.002 min
Response: 2235925
Conc: 7.80 ng/ml



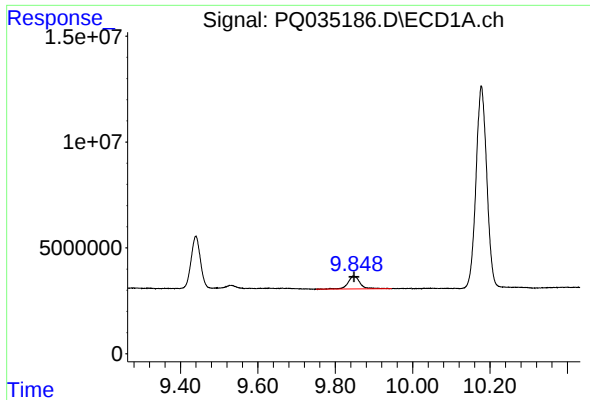
#44 AR-1268-4

R.T.: 9.440 min
Delta R.T.: -0.002 min
Response: 41688247
Conc: 261.99 ng/ml



#44 AR-1268-4

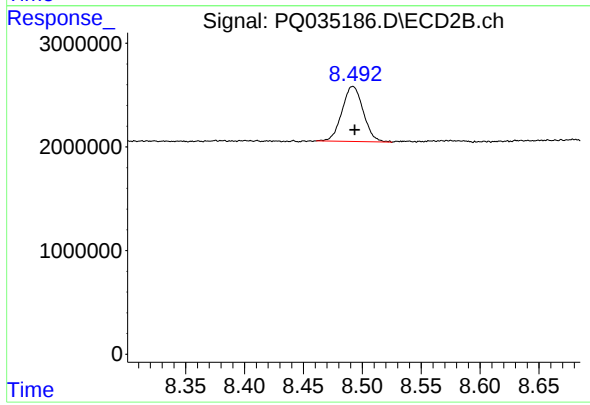
R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 27799919
Conc: 252.67 ng/ml



#45 AR-1268-5

R.T.: 9.848 min
Delta R.T.: 0.000 min
Response: 12897401
Conc: 10.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 6665960
Conc: 8.30 ng/ml