

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102620\
 Data File : PQ050695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2020 17:06
 Operator : DD\AJ
 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: Oct 27 01:24:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 2020
 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...	5.189	4.263	1060.8E6	316.2E6	48.778	50.468
2)	SA Decachlor...	11.364	9.611	599.2E6	279.4E6	47.907	42.065
Target Compounds							
3)	L1 AR-1016-1	6.522	5.522	333.3E6	117.2E6	449.234	486.240
4)	L1 AR-1016-2	6.546	5.542	471.3E6	160.1E6	440.373	487.086
5)	L1 AR-1016-3	6.612	5.735	283.0E6	85041593	450.515	493.126
6)	L1 AR-1016-4	6.721	5.786	242.5E6	66004546	456.111	498.593
7)	L1 AR-1016-5	7.034	6.017	216.2E6	79351084	446.123	460.718
8)	L2 AR-1221-1	5.440	4.517	34123980	9858844	170.418	170.833
9)	L2 AR-1221-2	5.545	4.619	48552455	14650898	330.579	340.232
10)	L2 AR-1221-3	5.635	4.708	179.3E6	54638507	387.889	396.877
11)	L3 AR-1232-1	5.635	4.708	179.3E6	54638507	459.172	467.087
12)	L3 AR-1232-2	6.226	5.542	235.1E6	160.1E6	1217.147	1297.375
13)	L3 AR-1232-3	6.546	5.735	471.3E6	85041593	1194.616	1326.502
14)	L3 AR-1232-4	6.721	5.830	242.5E6	79338077	1239.452	1467.236
15)	L3 AR-1232-5	6.814	6.017	207.2E6	79351084	1464.892	1321.541
16)	L4 AR-1242-1	6.522	5.522	333.3E6	117.2E6	698.877	760.703
17)	L4 AR-1242-2	6.546	5.542	471.3E6	160.1E6	699.010	742.388
18)	L4 AR-1242-3	6.612	5.735	283.0E6	85041593	697.143	752.191
19)	L4 AR-1242-4	6.721	5.830	242.5E6	79338077	718.629	749.180
20)	L4 AR-1242-5	7.504	6.395	32942852	62546509	96.896	429.453 #
21)	L5 AR-1248-1	6.522	5.522	333.3E6	117.2E6	811.031	890.028
22)	L5 AR-1248-2	6.814	5.786	207.2E6	66004546	375.660	382.322
23)	L5 AR-1248-3	7.034	5.830	216.2E6	79338077	365.713	446.240
24)	L5 AR-1248-4	7.465	6.017	40955465	79351084	59.268	374.438 #
25)	L5 AR-1248-5	7.504	6.438	32942852	10626364	49.750	46.590
26)	L6 AR-1254-1	7.432	6.395	144.7E6	62546509	260.621	213.214
27)	L6 AR-1254-2	7.659	6.554	157.5E6	55916412	185.884	221.984
28)	L6 AR-1254-3	8.047	6.993f	87122049	113.2E6	102.547	272.153 #
29)	L6 AR-1254-4	8.342	7.214	63436204	17940434	96.750	62.551 #
30)	L6 AR-1254-5	8.772	7.642	469.7E6	203.3E6	736.330	536.423 #
31)	L7 AR-1260-1	8.210	7.112	339.6E6	149.5E6	441.314	467.607
32)	L7 AR-1260-2	8.476	7.308	413.9E6	193.4E6	437.410	458.497
33)	L7 AR-1260-3	8.841	7.464	320.2E6	170.7E6	445.927	462.327
34)	L7 AR-1260-4	9.084	7.947	337.8E6	143.2E6	463.249	449.055
35)	L7 AR-1260-5	9.431	8.193	706.6E6	385.9E6	471.083	442.038
36)	L8 AR-1262-1	8.841	7.642	320.2E6	203.3E6	397.853	988.103 #
37)	L8 AR-1262-2	9.431	8.193	706.6E6	385.9E6	526.164	471.428
38)	L8 AR-1262-3	9.755	8.480	177.7E6	86576645	295.275	248.122
39)	L8 AR-1262-4	9.843f	8.544	292.6E6	261.5E6	410.360	448.823
40)	L8 AR-1262-5	10.572	9.049	216.9E6	101.6E6	444.398	355.100
41)	L9 AR-1268-1	9.755	8.480	177.7E6	86576645	118.207	91.182

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ102620\
 Data File : PQ050695.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Oct 2020 17:06
 Operator : DD\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

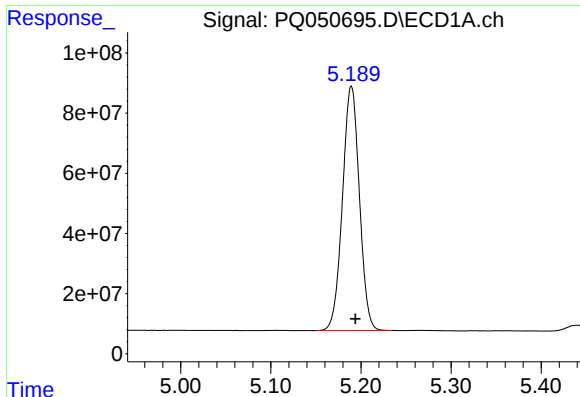
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 27 01:24:37 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ102120.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Oct 23 16:18:46 2020
 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	9.843f	8.544	292.6E6	261.5E6	210.538	313.753 #
43) L9	AR-1268-3	10.098	8.754	10683410	4896398	9.281	6.915 #
44) L9	AR-1268-4	10.572	9.049	216.9E6	101.6E6	415.544	330.861
45) L9	AR-1268-5	11.010	9.349	69831871	27883629	21.751	13.244 #

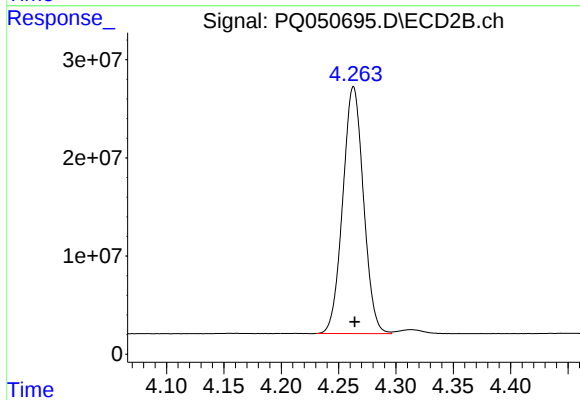
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

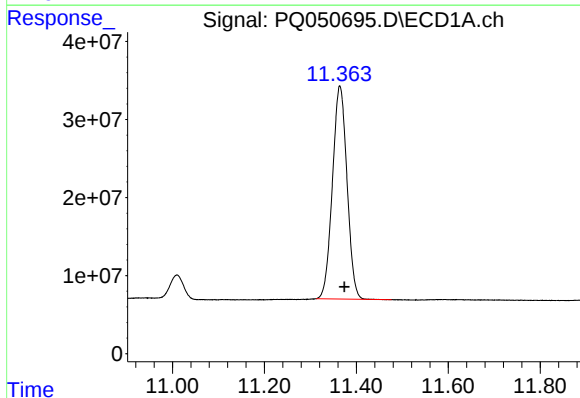
R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 1060776295
Conc: 48.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



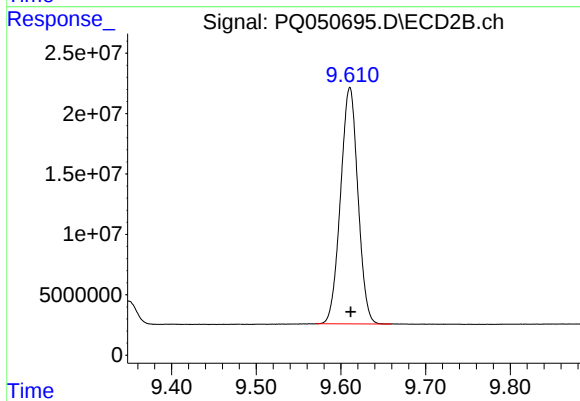
#1 Tetrachloro-m-xylene

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 316163452
Conc: 50.47 ng/ml



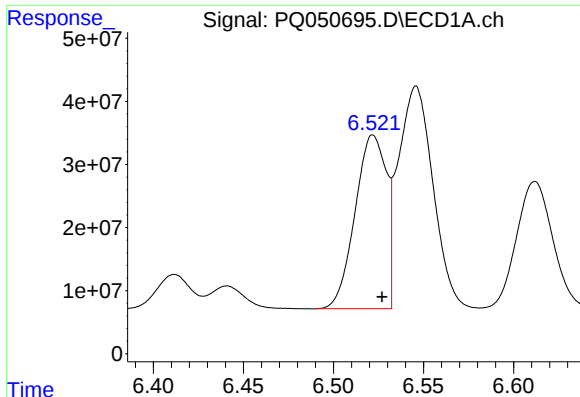
#2 Decachlorobiphenyl

R.T.: 11.364 min
Delta R.T.: -0.010 min
Response: 599221725
Conc: 47.91 ng/ml



#2 Decachlorobiphenyl

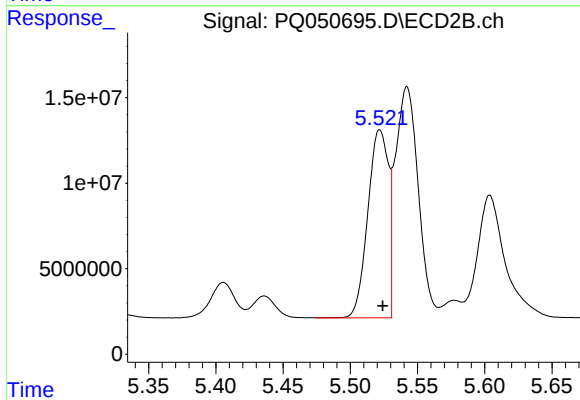
R.T.: 9.611 min
Delta R.T.: -0.001 min
Response: 279369802
Conc: 42.06 ng/ml



#3 AR-1016-1

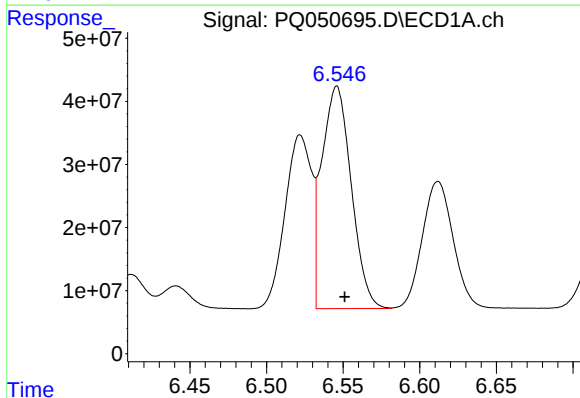
R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 333290260
Conc: 449.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :



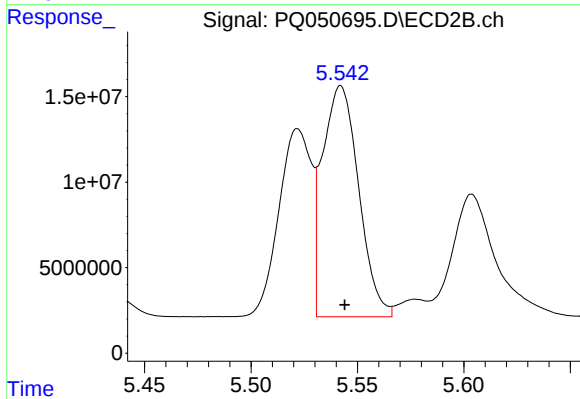
#3 AR-1016-1

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 117176949
Conc: 486.24 ng/ml



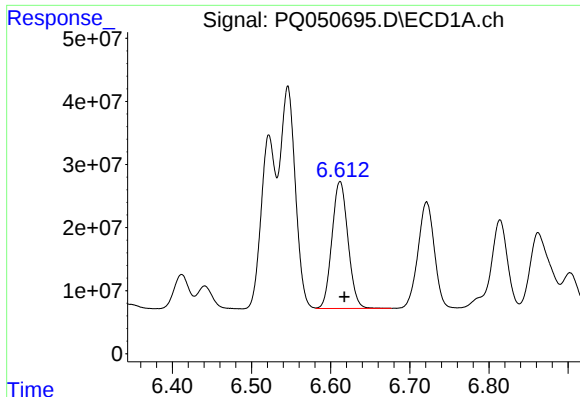
#4 AR-1016-2

R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 471286273
Conc: 440.37 ng/ml



#4 AR-1016-2

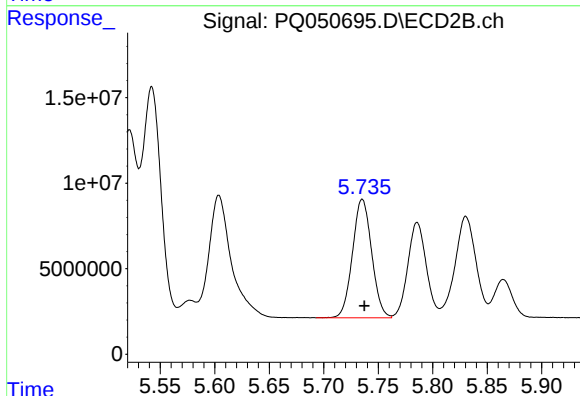
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 160056670
Conc: 487.09 ng/ml



#5 AR-1016-3

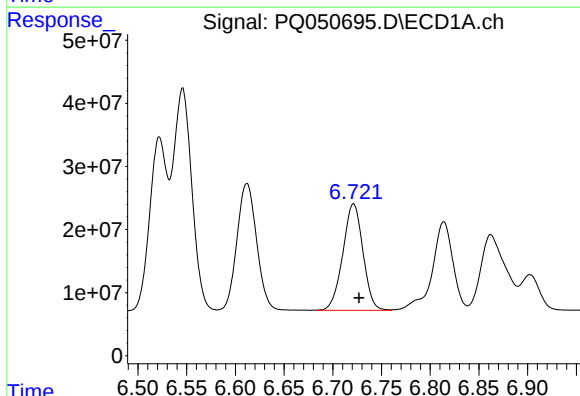
R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 282950413
Conc: 450.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



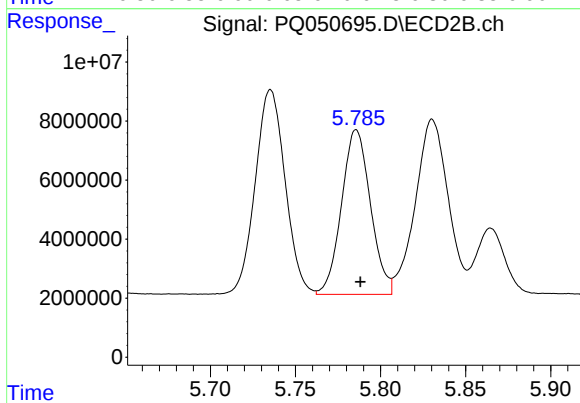
#5 AR-1016-3

R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 85041593
Conc: 493.13 ng/ml



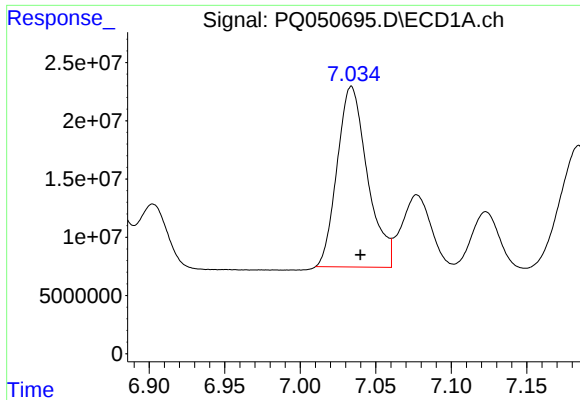
#6 AR-1016-4

R.T.: 6.721 min
Delta R.T.: -0.006 min
Response: 242472870
Conc: 456.11 ng/ml



#6 AR-1016-4

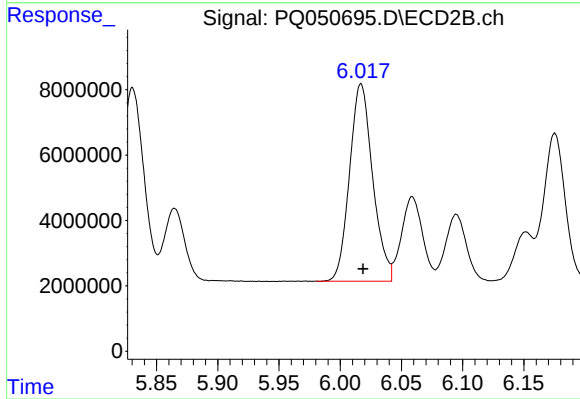
R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 66004546
Conc: 498.59 ng/ml



#7 AR-1016-5

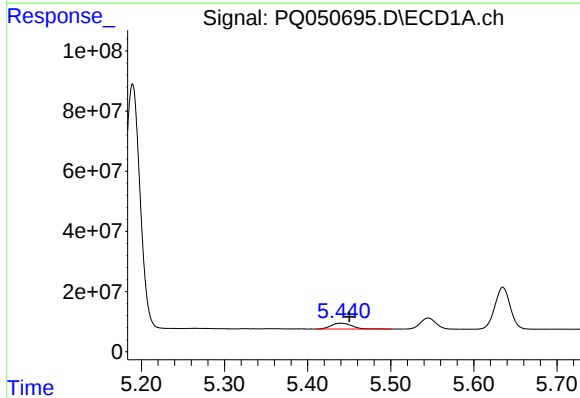
R.T.: 7.034 min
Delta R.T.: -0.006 min
Response: 216206879
Conc: 446.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



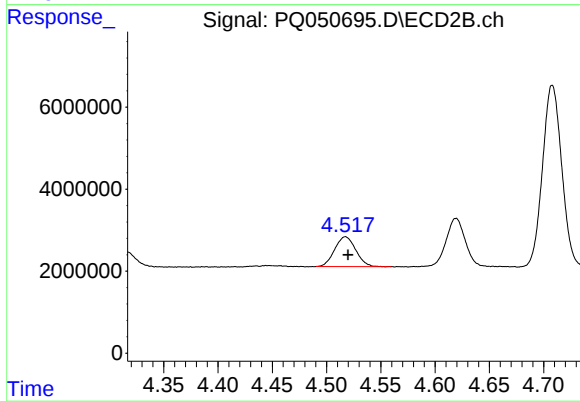
#7 AR-1016-5

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 79351084
Conc: 460.72 ng/ml



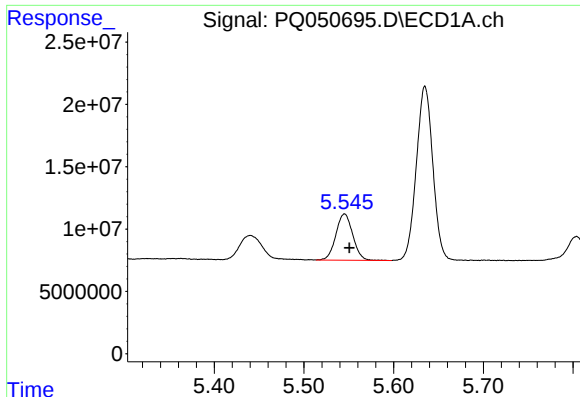
#8 AR-1221-1

R.T.: 5.440 min
Delta R.T.: -0.010 min
Response: 34123980
Conc: 170.42 ng/ml



#8 AR-1221-1

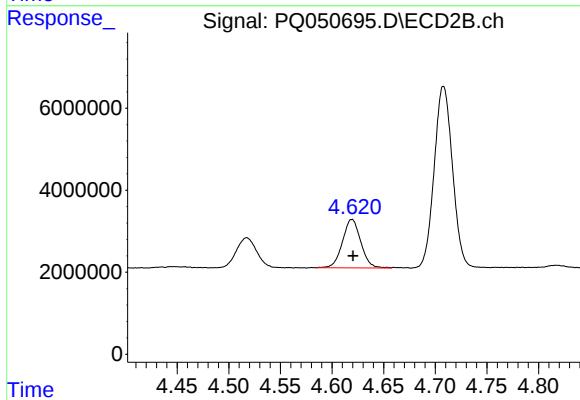
R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 9858844
Conc: 170.83 ng/ml



#9 AR-1221-2

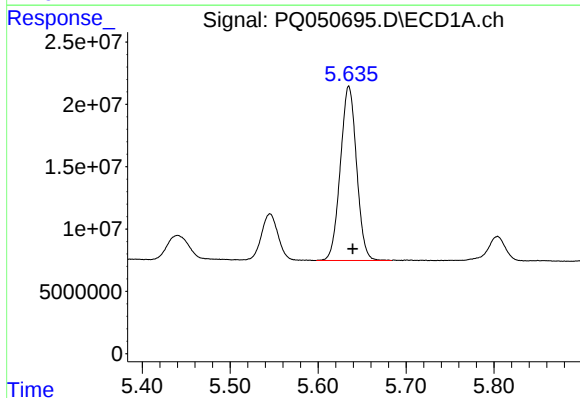
R.T.: 5.545 min
Delta R.T.: -0.006 min
Response: 48552455
Conc: 330.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



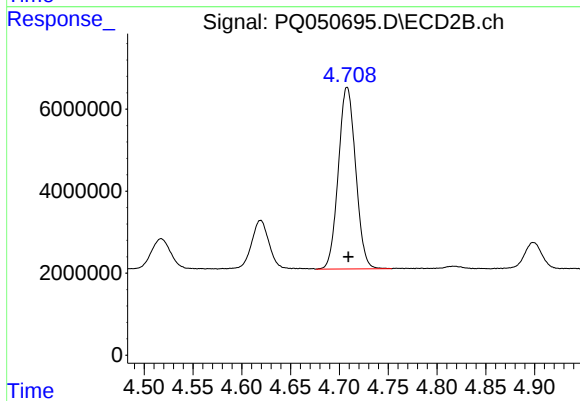
#9 AR-1221-2

R.T.: 4.619 min
Delta R.T.: 0.000 min
Response: 14650898
Conc: 340.23 ng/ml



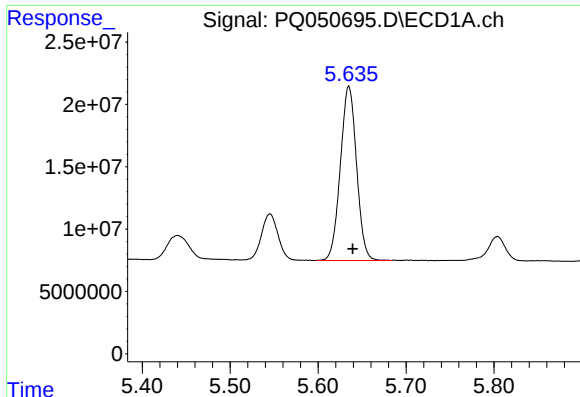
#10 AR-1221-3

R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 179264754
Conc: 387.89 ng/ml



#10 AR-1221-3

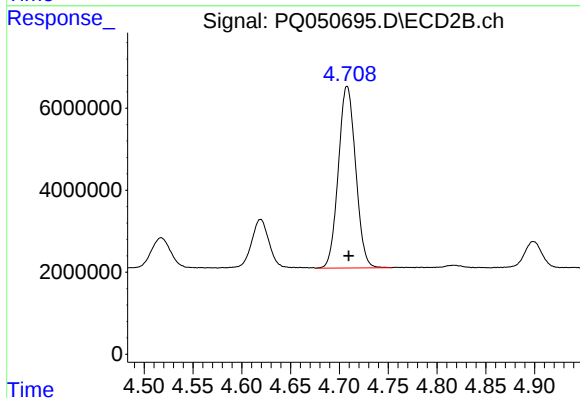
R.T.: 4.708 min
Delta R.T.: -0.001 min
Response: 54638507
Conc: 396.88 ng/ml



#11 AR-1232-1

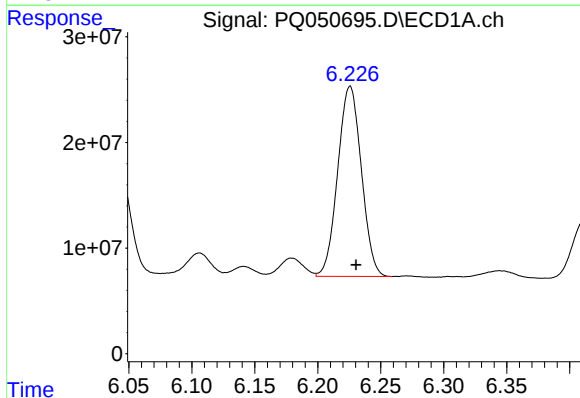
R.T.: 5.635 min
Delta R.T.: -0.004 min
Response: 179264754
Conc: 459.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



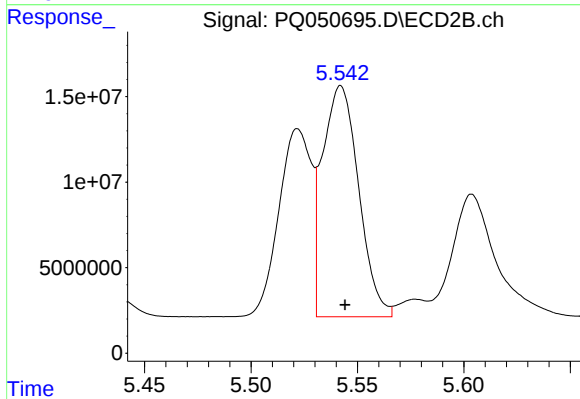
#11 AR-1232-1

R.T.: 4.708 min
Delta R.T.: -0.002 min
Response: 54638507
Conc: 467.09 ng/ml



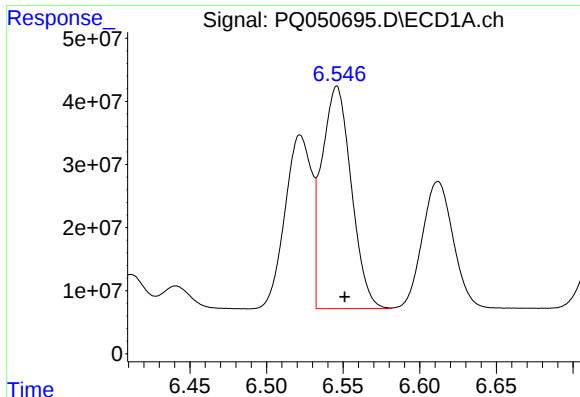
#12 AR-1232-2

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 235148043
Conc: 1217.15 ng/ml



#12 AR-1232-2

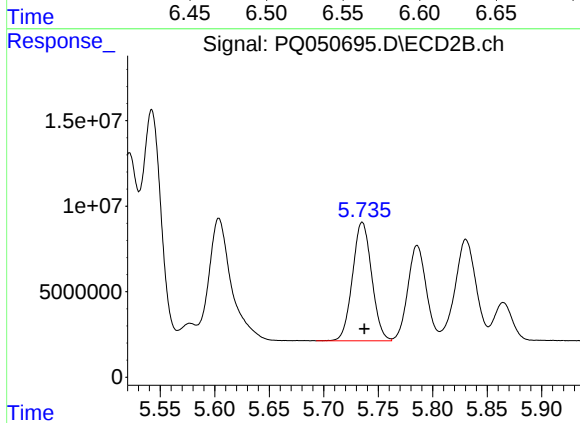
R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 160056670
Conc: 1297.37 ng/ml



#13 AR-1232-3

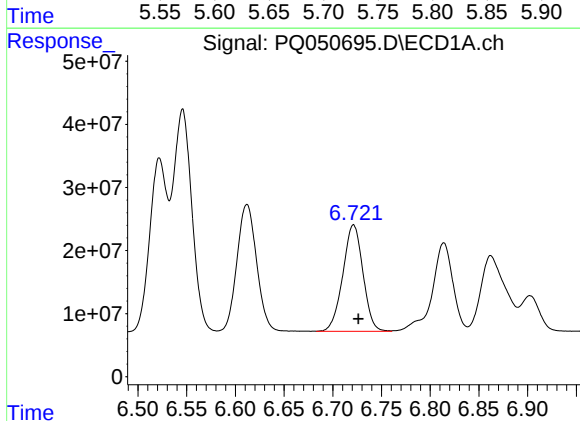
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 471286273
Conc: 1194.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



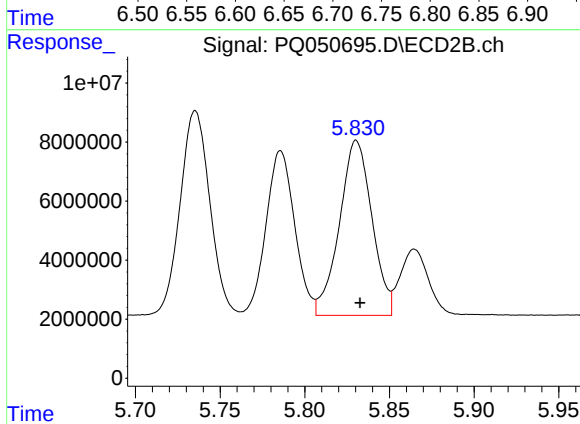
#13 AR-1232-3

R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 85041593
Conc: 1326.50 ng/ml



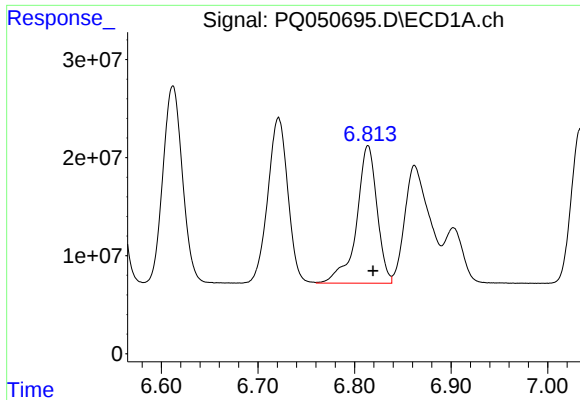
#14 AR-1232-4

R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 242472870
Conc: 1239.45 ng/ml



#14 AR-1232-4

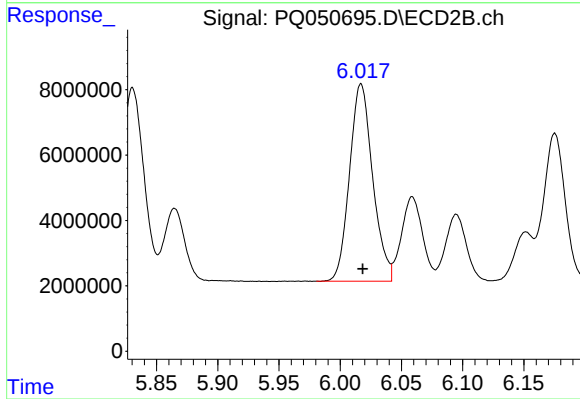
R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 79338077
Conc: 1467.24 ng/ml



#15 AR-1232-5

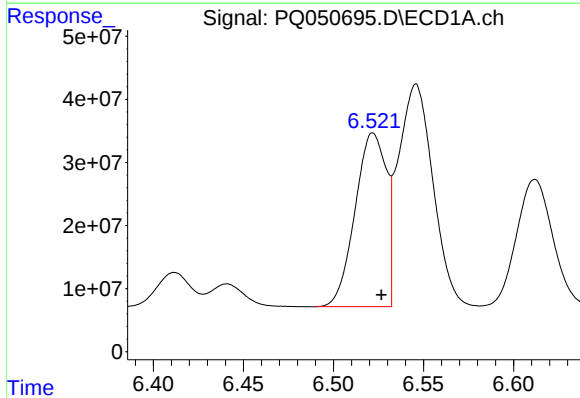
R.T.: 6.814 min
Delta R.T.: -0.005 min
Response: 207166098
Conc: 1464.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



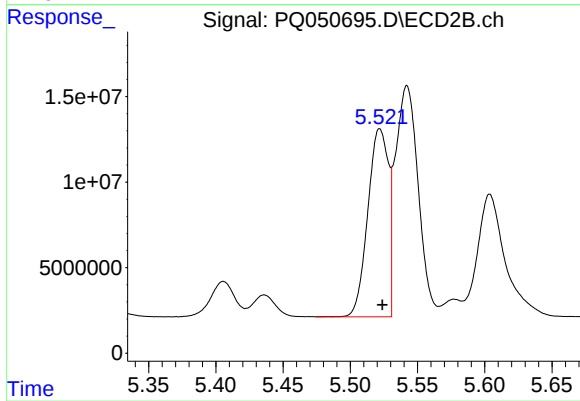
#15 AR-1232-5

R.T.: 6.017 min
Delta R.T.: -0.001 min
Response: 79351084
Conc: 1321.54 ng/ml



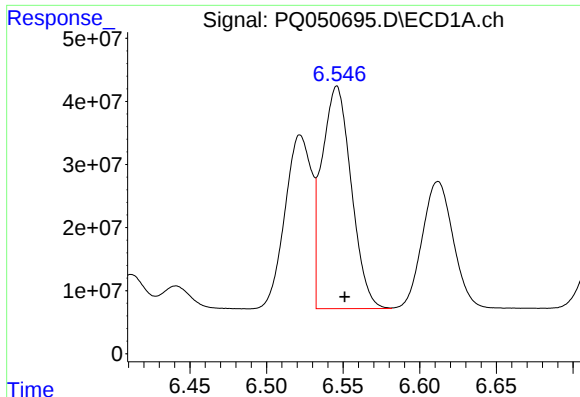
#16 AR-1242-1

R.T.: 6.522 min
Delta R.T.: -0.005 min
Response: 333290260
Conc: 698.88 ng/ml



#16 AR-1242-1

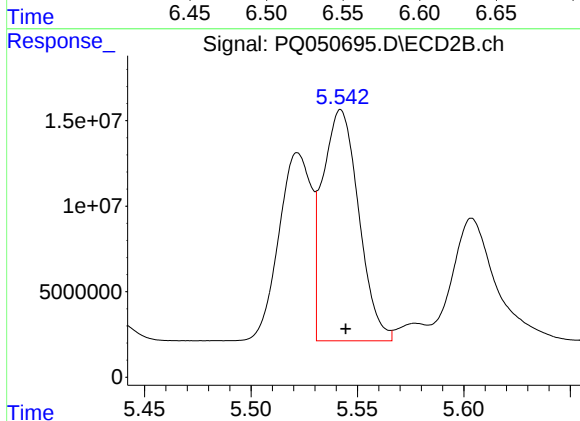
R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 117176949
Conc: 760.70 ng/ml



#17 AR-1242-2

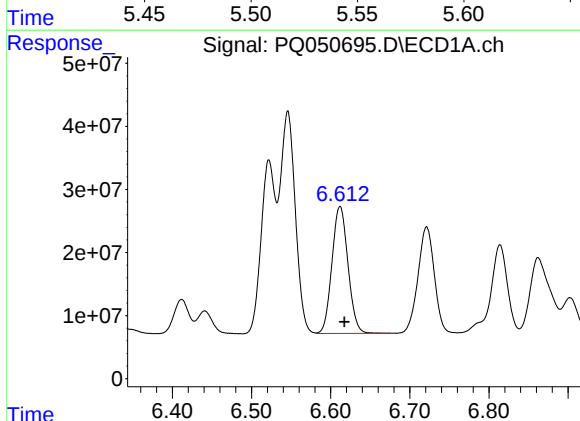
R.T.: 6.546 min
Delta R.T.: -0.005 min
Response: 471286273
Conc: 699.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



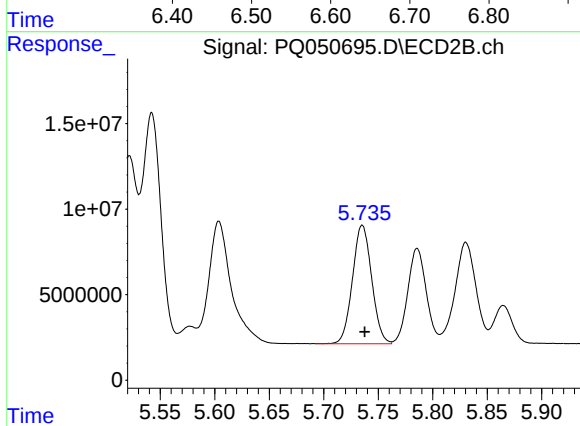
#17 AR-1242-2

R.T.: 5.542 min
Delta R.T.: -0.002 min
Response: 160056670
Conc: 742.39 ng/ml



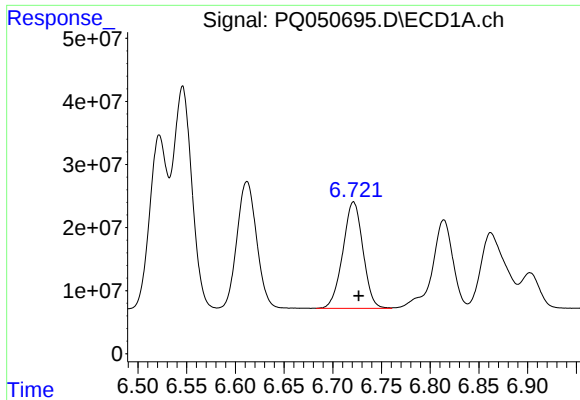
#18 AR-1242-3

R.T.: 6.612 min
Delta R.T.: -0.005 min
Response: 282950413
Conc: 697.14 ng/ml



#18 AR-1242-3

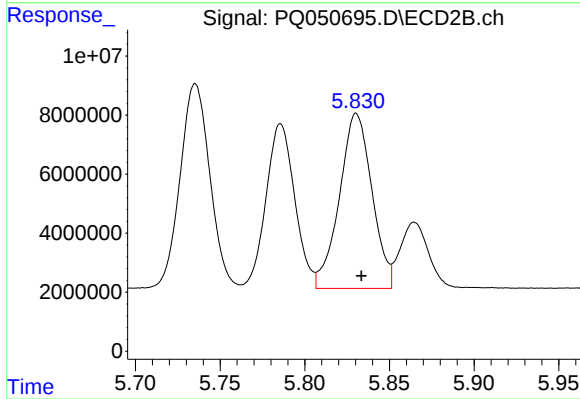
R.T.: 5.735 min
Delta R.T.: -0.002 min
Response: 85041593
Conc: 752.19 ng/ml



#19 AR-1242-4

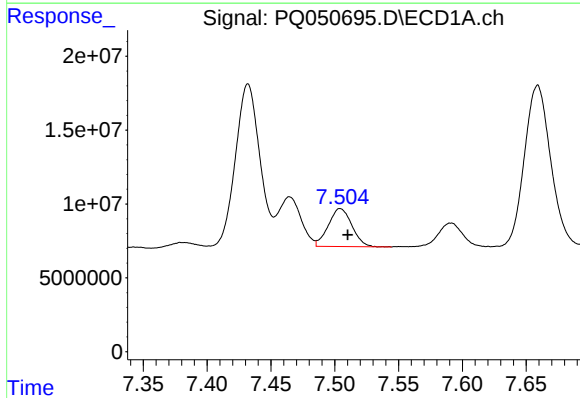
R.T.: 6.721 min
Delta R.T.: -0.005 min
Response: 242472870
Conc: 718.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



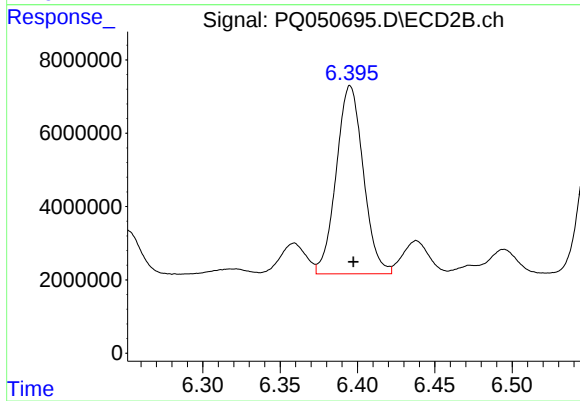
#19 AR-1242-4

R.T.: 5.830 min
Delta R.T.: -0.003 min
Response: 79338077
Conc: 749.18 ng/ml



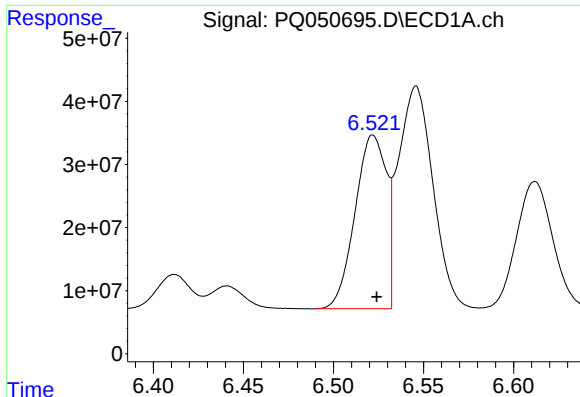
#20 AR-1242-5

R.T.: 7.504 min
Delta R.T.: -0.006 min
Response: 32942852
Conc: 96.90 ng/ml



#20 AR-1242-5

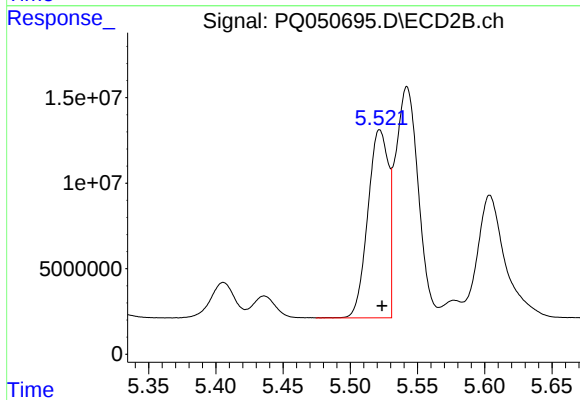
R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 62546509
Conc: 429.45 ng/ml



#21 AR-1248-1

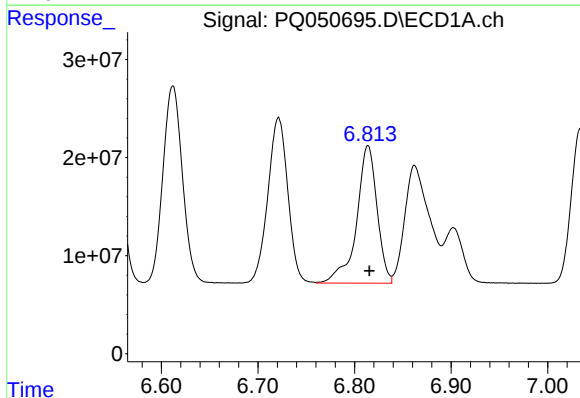
R.T.: 6.522 min
Delta R.T.: -0.002 min
Response: 333290260
Conc: 811.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



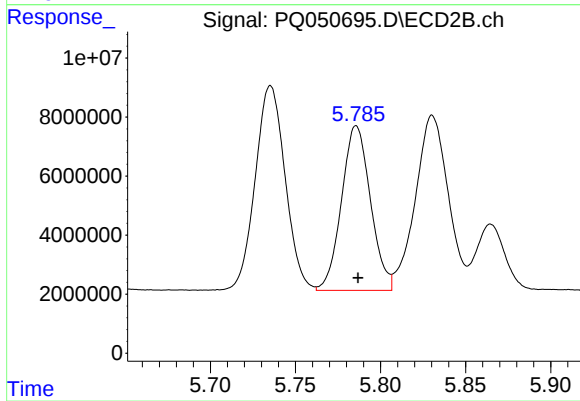
#21 AR-1248-1

R.T.: 5.522 min
Delta R.T.: -0.002 min
Response: 117176949
Conc: 890.03 ng/ml



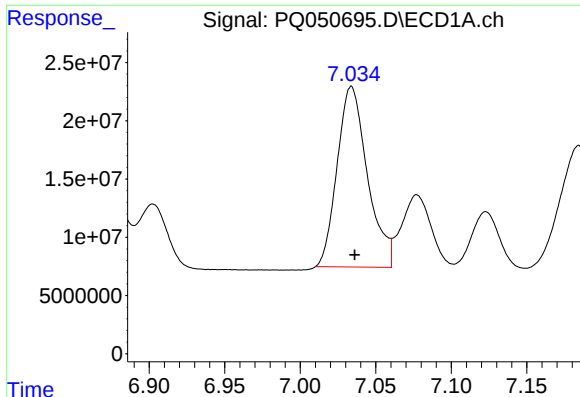
#22 AR-1248-2

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 207166098
Conc: 375.66 ng/ml



#22 AR-1248-2

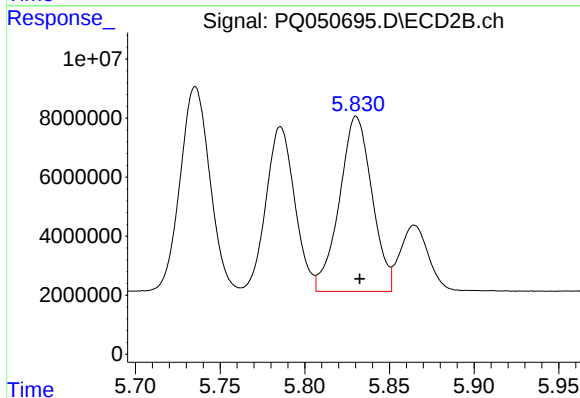
R.T.: 5.786 min
Delta R.T.: -0.001 min
Response: 66004546
Conc: 382.32 ng/ml



#23 AR-1248-3

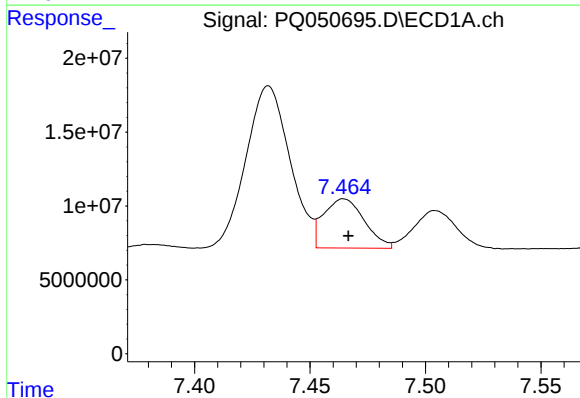
R.T.: 7.034 min
Delta R.T.: -0.002 min
Response: 216206879
Conc: 365.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



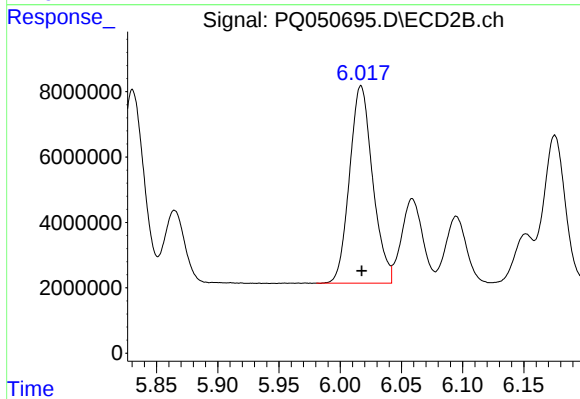
#23 AR-1248-3

R.T.: 5.830 min
Delta R.T.: -0.002 min
Response: 79338077
Conc: 446.24 ng/ml



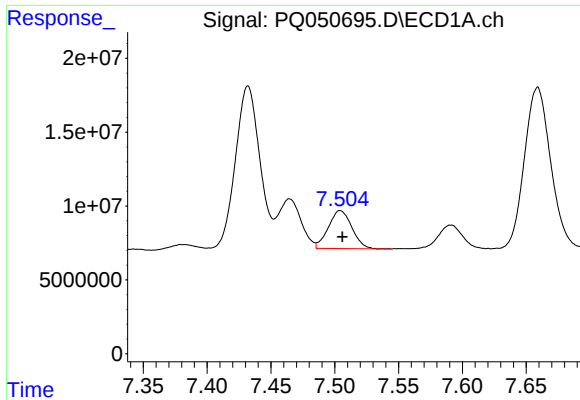
#24 AR-1248-4

R.T.: 7.465 min
Delta R.T.: -0.002 min
Response: 40955465
Conc: 59.27 ng/ml



#24 AR-1248-4

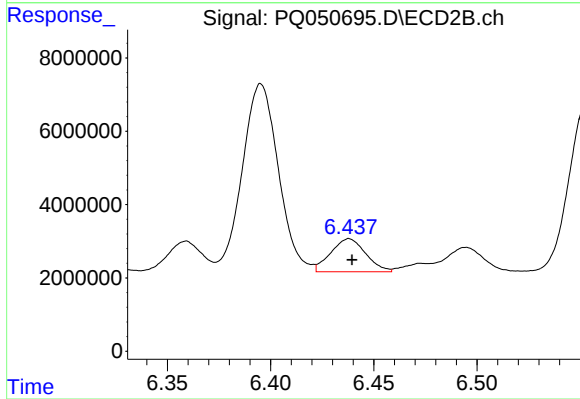
R.T.: 6.017 min
Delta R.T.: 0.000 min
Response: 79351084
Conc: 374.44 ng/ml



#25 AR-1248-5

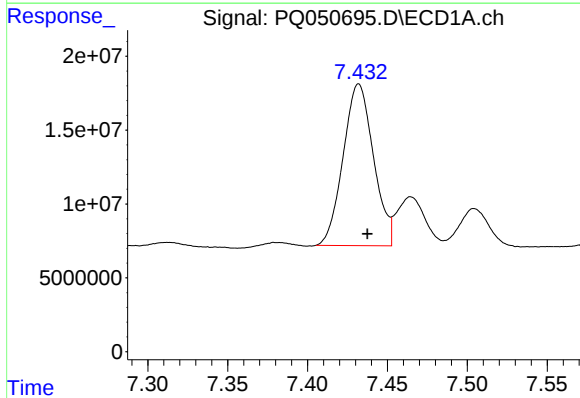
R.T.: 7.504 min
Delta R.T.: -0.002 min
Response: 32942852
Conc: 49.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



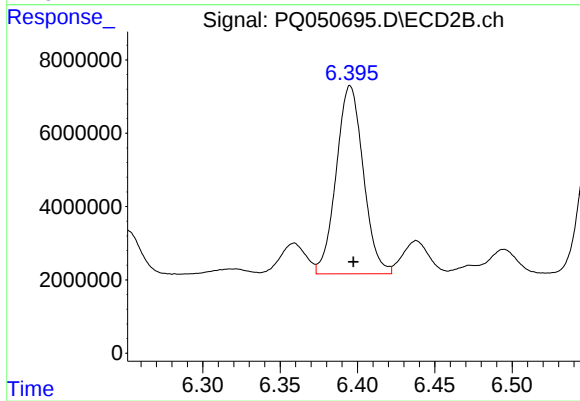
#25 AR-1248-5

R.T.: 6.438 min
Delta R.T.: -0.001 min
Response: 10626364
Conc: 46.59 ng/ml



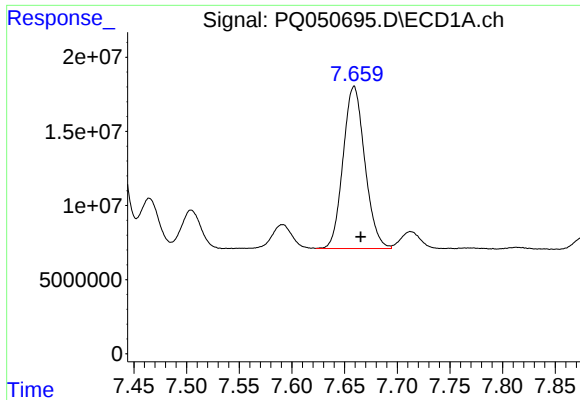
#26 AR-1254-1

R.T.: 7.432 min
Delta R.T.: -0.005 min
Response: 144657769
Conc: 260.62 ng/ml



#26 AR-1254-1

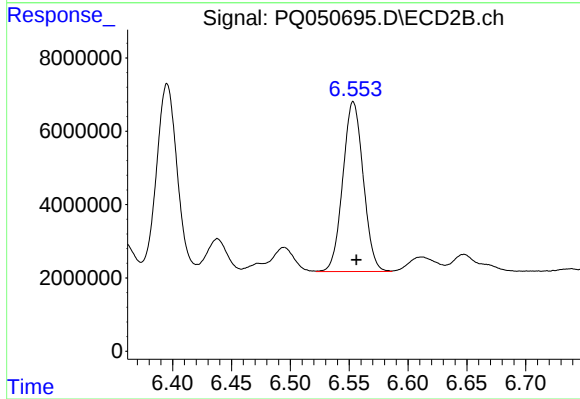
R.T.: 6.395 min
Delta R.T.: -0.002 min
Response: 62546509
Conc: 213.21 ng/ml



#27 AR-1254-2

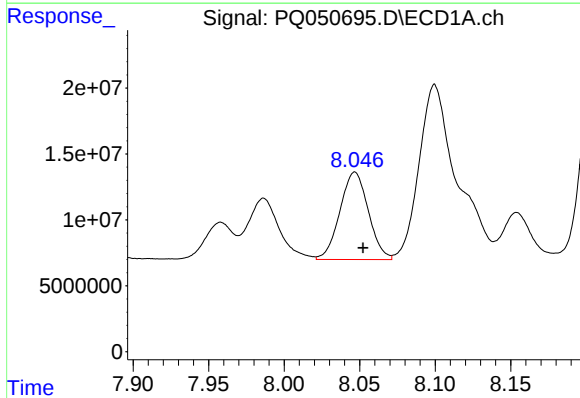
R.T.: 7.659 min
Delta R.T.: -0.006 min
Response: 157488388
Conc: 185.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



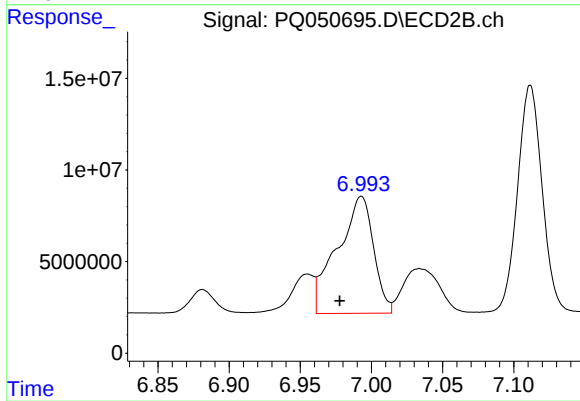
#27 AR-1254-2

R.T.: 6.554 min
Delta R.T.: -0.003 min
Response: 55916412
Conc: 221.98 ng/ml



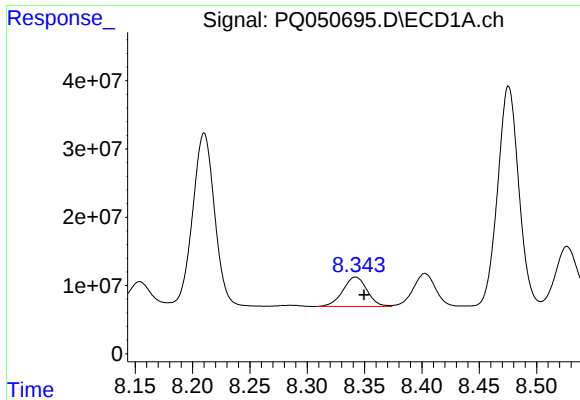
#28 AR-1254-3

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 87122049
Conc: 102.55 ng/ml



#28 AR-1254-3

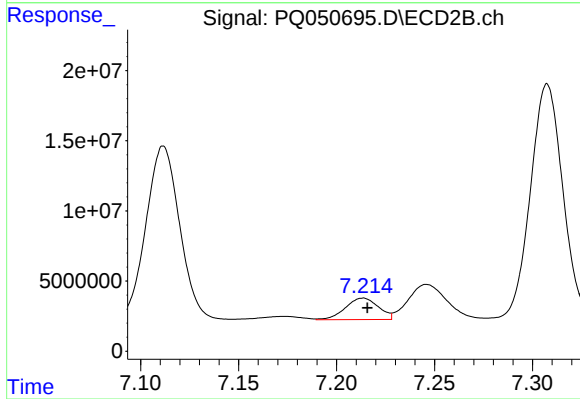
R.T.: 6.993 min
Delta R.T.: 0.015 min
Response: 113200343
Conc: 272.15 ng/ml



#29 AR-1254-4

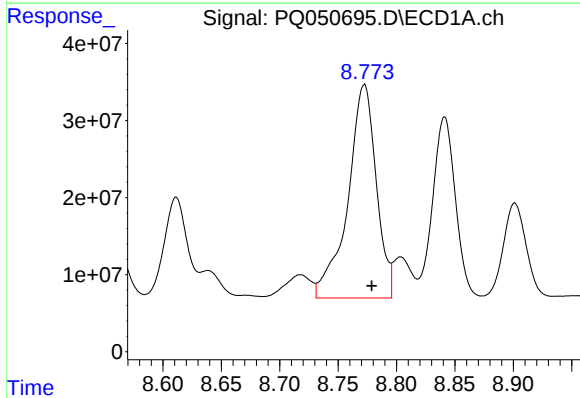
R.T.: 8.342 min
Delta R.T.: -0.007 min
Response: 63436204
Conc: 96.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



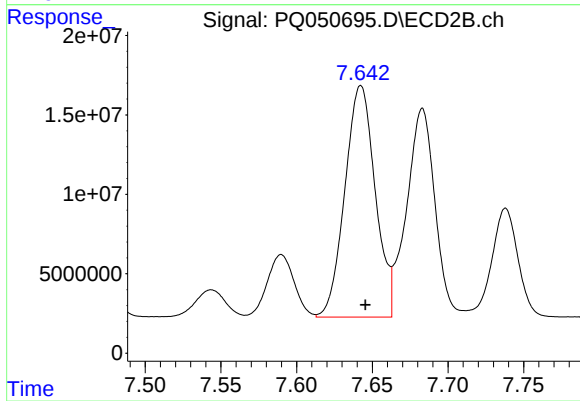
#29 AR-1254-4

R.T.: 7.214 min
Delta R.T.: -0.002 min
Response: 17940434
Conc: 62.55 ng/ml



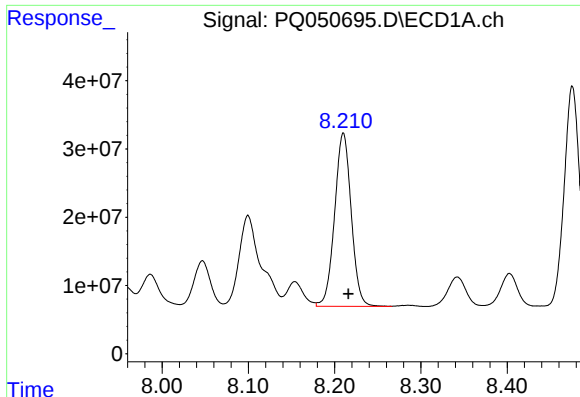
#30 AR-1254-5

R.T.: 8.772 min
Delta R.T.: -0.006 min
Response: 469717379
Conc: 736.33 ng/ml



#30 AR-1254-5

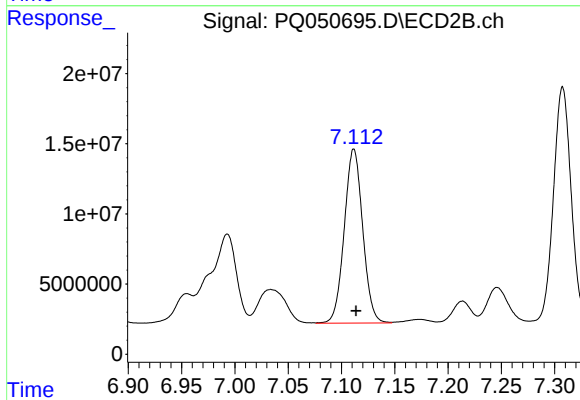
R.T.: 7.642 min
Delta R.T.: -0.003 min
Response: 203270548
Conc: 536.42 ng/ml



#31 AR-1260-1

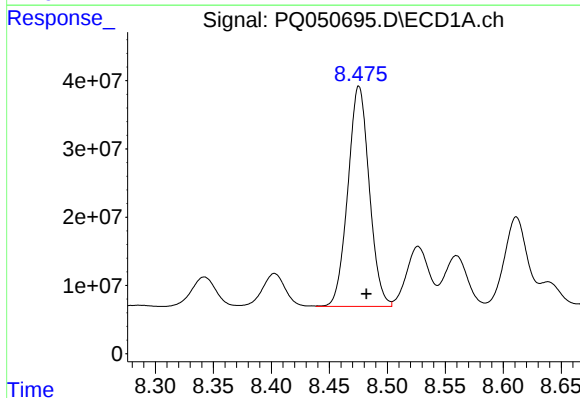
R.T.: 8.210 min
Delta R.T.: -0.006 min
Response: 339618744
Conc: 441.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



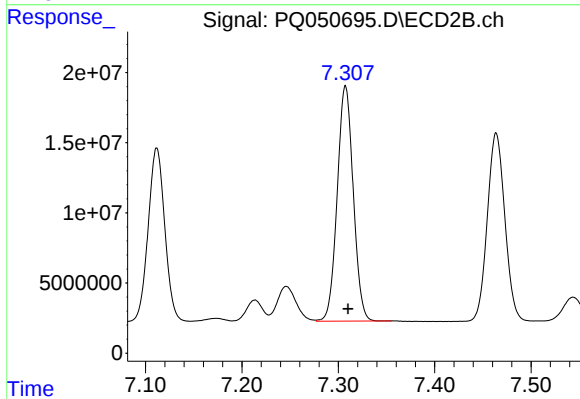
#31 AR-1260-1

R.T.: 7.112 min
Delta R.T.: -0.002 min
Response: 149501671
Conc: 467.61 ng/ml



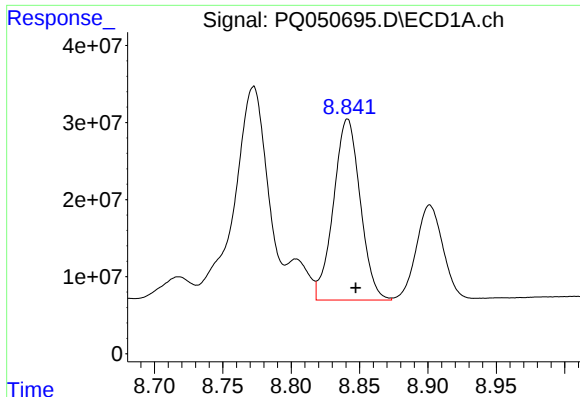
#32 AR-1260-2

R.T.: 8.476 min
Delta R.T.: -0.007 min
Response: 413905793
Conc: 437.41 ng/ml



#32 AR-1260-2

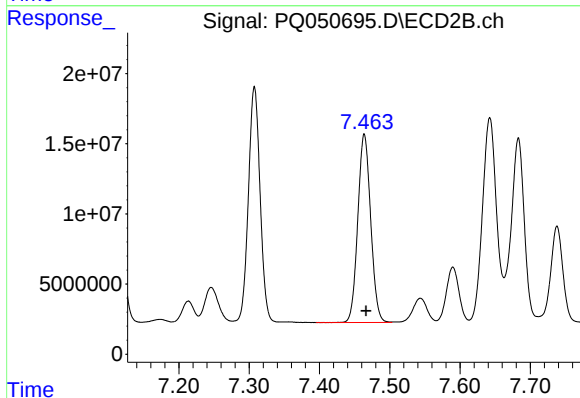
R.T.: 7.308 min
Delta R.T.: -0.002 min
Response: 193391606
Conc: 458.50 ng/ml



#33 AR-1260-3

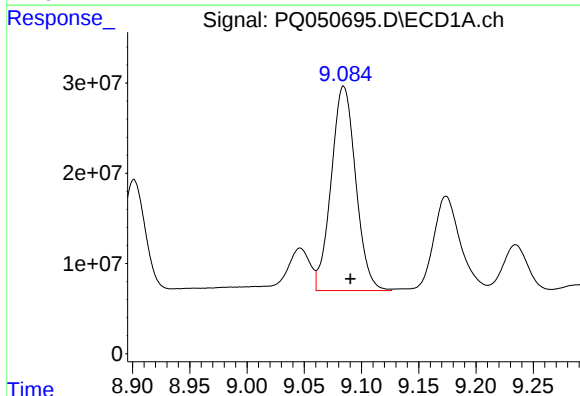
R.T.: 8.841 min
Delta R.T.: -0.006 min
Response: 320227463
Conc: 445.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



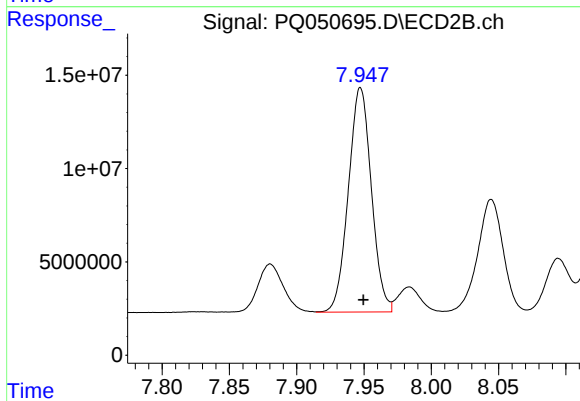
#33 AR-1260-3

R.T.: 7.464 min
Delta R.T.: -0.003 min
Response: 170729915
Conc: 462.33 ng/ml



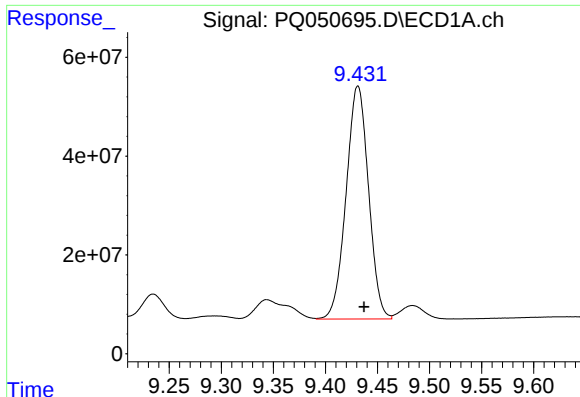
#34 AR-1260-4

R.T.: 9.084 min
Delta R.T.: -0.006 min
Response: 337774118
Conc: 463.25 ng/ml



#34 AR-1260-4

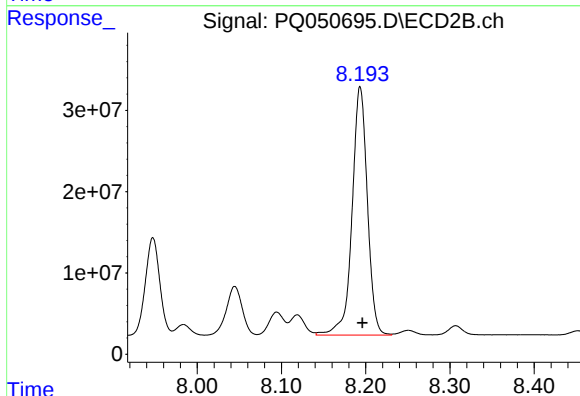
R.T.: 7.947 min
Delta R.T.: -0.002 min
Response: 143187261
Conc: 449.06 ng/ml



#35 AR-1260-5

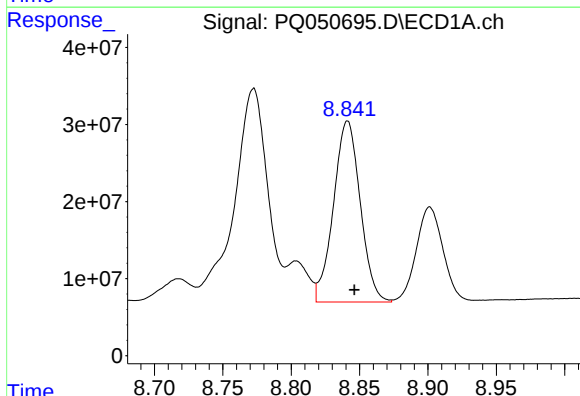
R.T.: 9.431 min
Delta R.T.: -0.006 min
Response: 706576653
Conc: 471.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



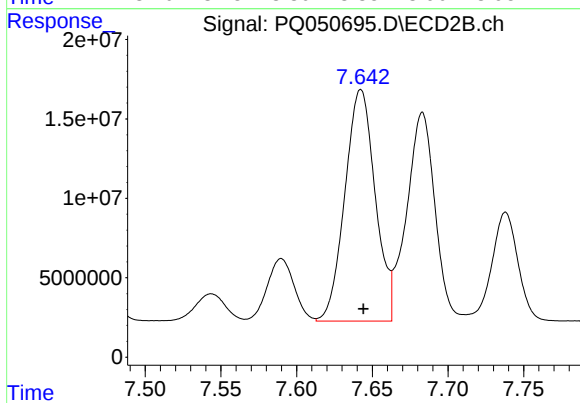
#35 AR-1260-5

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 385885783
Conc: 442.04 ng/ml



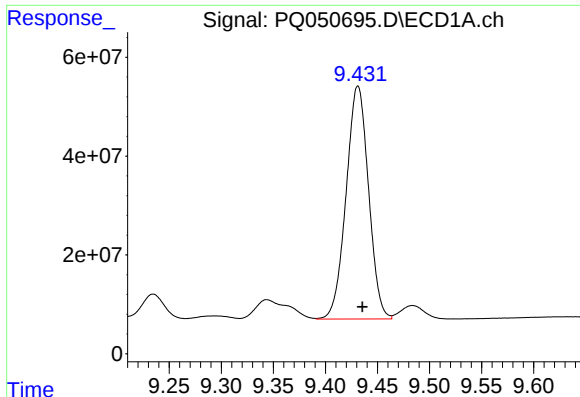
#36 AR-1262-1

R.T.: 8.841 min
Delta R.T.: -0.005 min
Response: 320227463
Conc: 397.85 ng/ml



#36 AR-1262-1

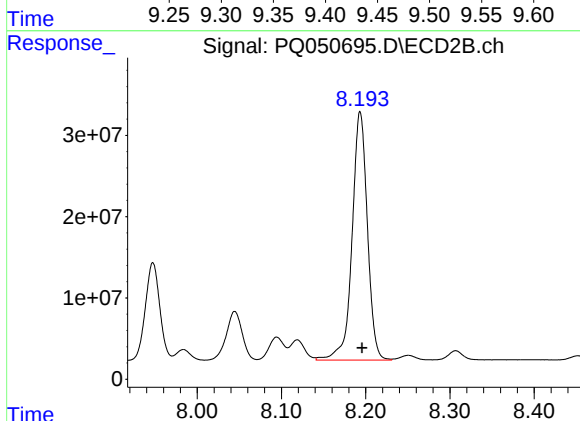
R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 203270548
Conc: 988.10 ng/ml



#37 AR-1262-2

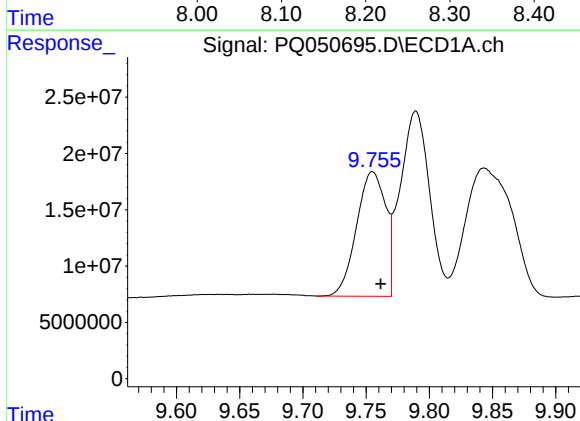
R.T.: 9.431 min
Delta R.T.: -0.004 min
Response: 706576653
Conc: 526.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



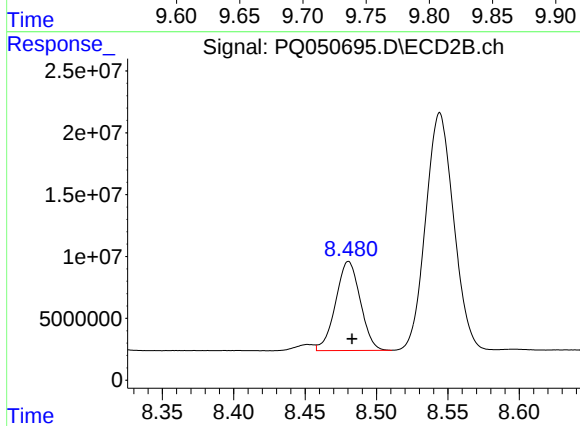
#37 AR-1262-2

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 385885783
Conc: 471.43 ng/ml



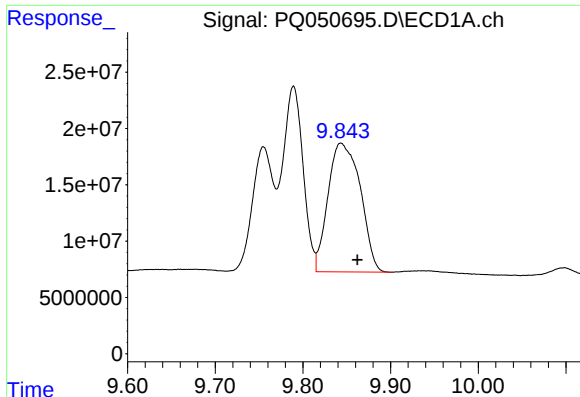
#38 AR-1262-3

R.T.: 9.755 min
Delta R.T.: -0.006 min
Response: 177672745
Conc: 295.27 ng/ml



#38 AR-1262-3

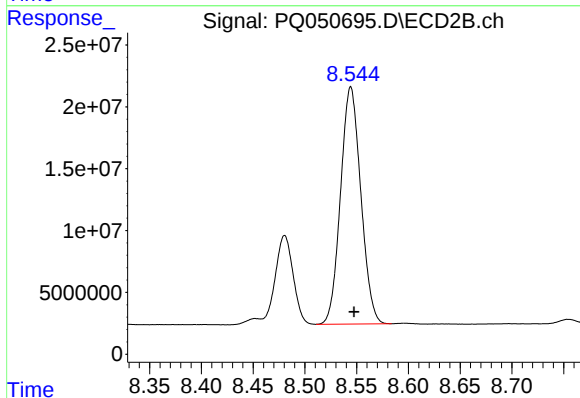
R.T.: 8.480 min
Delta R.T.: -0.003 min
Response: 86576645
Conc: 248.12 ng/ml



#39 AR-1262-4

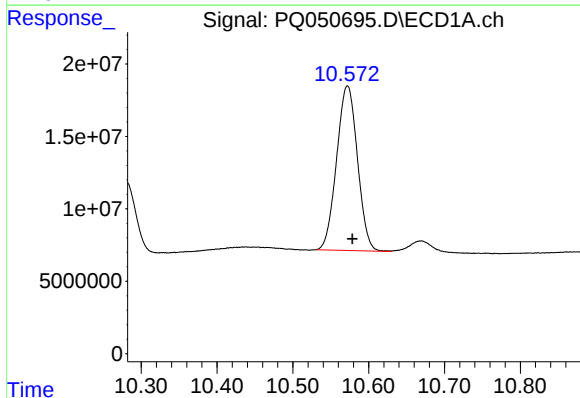
R.T.: 9.843 min
Delta R.T.: -0.019 min
Response: 292570189
Conc: 410.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



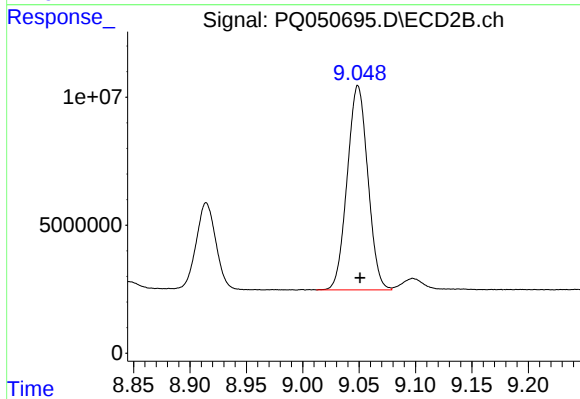
#39 AR-1262-4

R.T.: 8.544 min
Delta R.T.: -0.003 min
Response: 261461783
Conc: 448.82 ng/ml



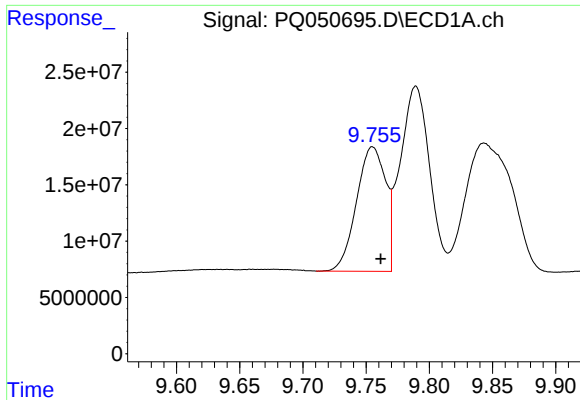
#40 AR-1262-5

R.T.: 10.572 min
Delta R.T.: -0.006 min
Response: 216918439
Conc: 444.40 ng/ml



#40 AR-1262-5

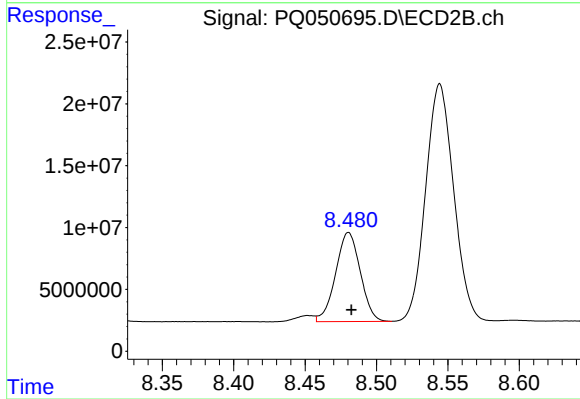
R.T.: 9.049 min
Delta R.T.: -0.002 min
Response: 101614278
Conc: 355.10 ng/ml



#41 AR-1268-1

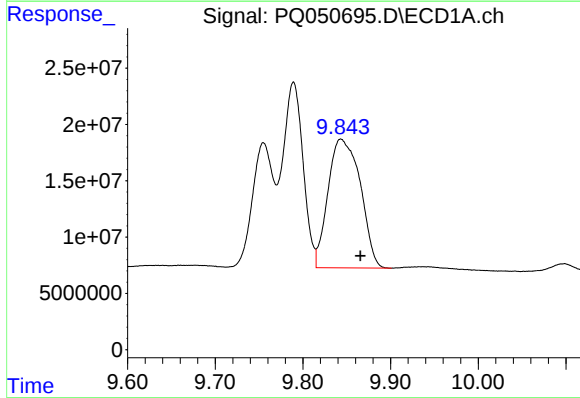
R.T.: 9.755 min
Delta R.T.: -0.006 min
Response: 177672745
Conc: 118.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



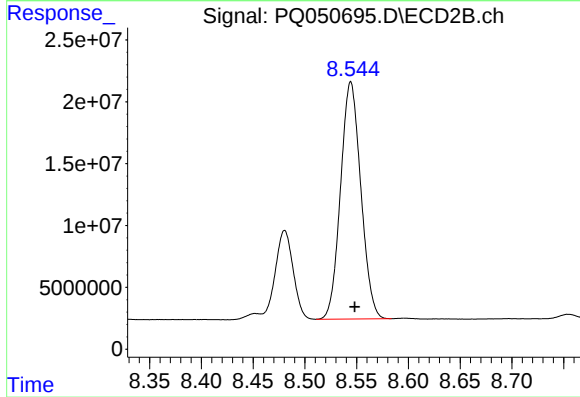
#41 AR-1268-1

R.T.: 8.480 min
Delta R.T.: -0.002 min
Response: 86576645
Conc: 91.18 ng/ml



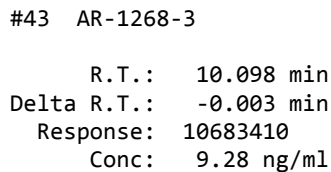
#42 AR-1268-2

R.T.: 9.843 min
Delta R.T.: -0.022 min
Response: 292570189
Conc: 210.54 ng/ml

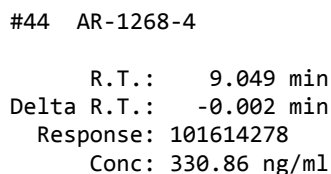
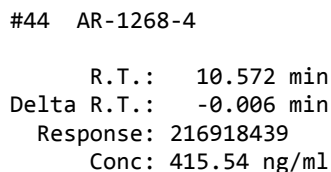
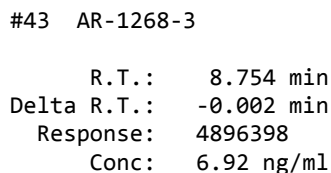


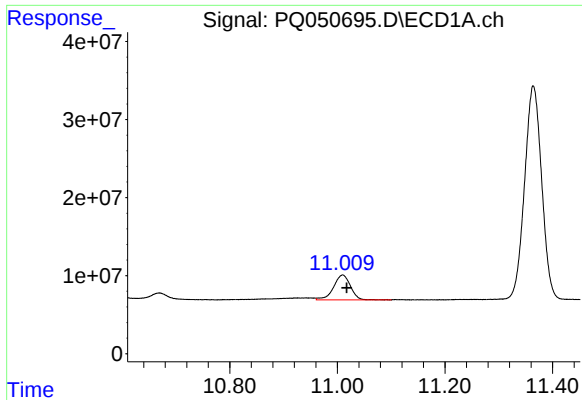
#42 AR-1268-2

R.T.: 8.544 min
Delta R.T.: -0.004 min
Response: 261461783
Conc: 313.75 ng/ml



Instrument :
ECD_Q
ClientSampleId :

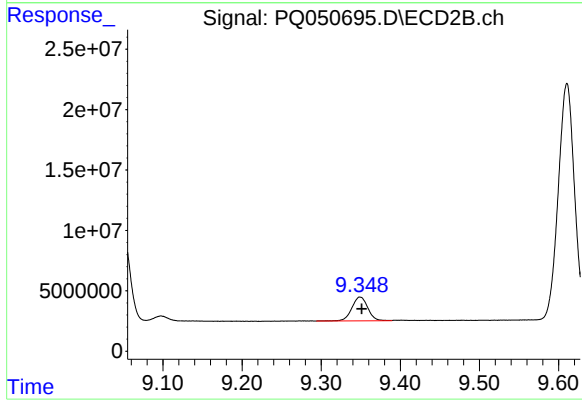




#45 AR-1268-5

R.T.: 11.010 min
Delta R.T.: -0.008 min
Response: 69831871
Conc: 21.75 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.349 min
Delta R.T.: -0.002 min
Response: 27883629
Conc: 13.24 ng/ml