

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071420\
 Data File : PQ048687.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Jul 2020 18:26
 Operator : DD\AJ
 Sample : L3283-03MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 05:19:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 09 01:18:33 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...	5.277	4.288	162.3E6	77417256	23.302	22.221
2)	SA Decachlor...	11.532	9.652	147.0E6	75950418	19.141	18.875
Target Compounds							
3)	L1 AR-1016-1	6.631f	5.552	131.3E6	29092623	508.177	210.582 #
4)	L1 AR-1016-2	6.631	5.573	131.3E6	39774863	368.610	212.216 #
5)	L1 AR-1016-3	6.699	5.766	46561131	20607010	214.769	226.727
6)	L1 AR-1016-4	6.808	5.816	38608100	16276995	216.003	221.411
7)	L1 AR-1016-5	7.122	6.047	34748150	20236587	199.595	228.492
8)	L2 AR-1221-1	5.523	4.544	5246378	2730408	69.380	67.849
9)	L2 AR-1221-2	5.630	4.646	7698080	3607042	133.956	125.574
10)	L2 AR-1221-3	5.718	4.736	27739665	13787863	151.489	148.350
11)	L3 AR-1232-1	5.718	4.736	27739665	13787863	191.298	186.100
12)	L3 AR-1232-2	6.312	5.573	36911759	39774863	532.886	513.045
13)	L3 AR-1232-3	6.631	5.766	131.3E6	20607010	901.306	546.899 #
14)	L3 AR-1232-4	6.808	5.861	38608100	19778543	530.610	584.769
15)	L3 AR-1232-5	6.901	6.047	31629901	20236587	585.527	565.992
16)	L4 AR-1242-1	6.631f	5.552	131.3E6	29092623	634.073	267.333 #
17)	L4 AR-1242-2	6.631	5.573	131.3E6	39774863	469.580	261.907 #
18)	L4 AR-1242-3	6.699	5.766	46561131	20607010	272.180	274.394
19)	L4 AR-1242-4	6.808	5.861	38608100	19778543	273.506	270.193
20)	L4 AR-1242-5	7.593	6.427	4808103	16026340	32.375	159.303 #
21)	L5 AR-1248-1	6.631f	5.552	131.3E6	29092623	856.281	353.494 #
22)	L5 AR-1248-2	6.901	5.816	31629901	16276995	159.600	158.788
23)	L5 AR-1248-3	7.122	5.861	34748150	19778543	157.999	187.494
24)	L5 AR-1248-4	0.000	6.047	0	20236587	N.D.	165.818 #
25)	L5 AR-1248-5	7.593	6.470	4808103	2322911	19.965	17.064
26)	L6 AR-1254-1	7.521	6.427	30979187	16026340	118.338	72.868 #
27)	L6 AR-1254-2	7.749	6.585	28114566	15005818	69.186	78.739
28)	L6 AR-1254-3	8.136	6.988f	14957417	5705357	34.388	17.954 #
29)	L6 AR-1254-4	8.431	7.245	10328650	3288162	30.860	16.048 #
30)	L6 AR-1254-5	8.861	7.675	100.3E6	53272508	281.106	191.054 #
31)	L7 AR-1260-1	8.301	7.143	60884243	38613517	194.783	196.815
32)	L7 AR-1260-2	8.566	7.339	73198607	46326503	193.130	190.881
33)	L7 AR-1260-3	8.935	7.496	47326679	42137437	161.055	191.897
34)	L7 AR-1260-4	9.182	7.980	69749521	30039307	204.895	157.788
35)	L7 AR-1260-5	9.534	8.225	118.1E6	73818909	163.369	153.773
36)	L8 AR-1262-1	8.935	7.675	47326679	53272508	114.899	372.628 #
37)	L8 AR-1262-2	9.534	8.225	118.1E6	73818909	148.014	137.538
38)	L8 AR-1262-3	9.900f	8.513	76599030	13902938	218.736	64.573 #
39)	L8 AR-1262-4	9.957f	8.576	42715611	53012773	101.501	135.183 #
40)	L8 AR-1262-5	10.705	9.082	38738039	16095230	121.713	86.441 #
41)	L9 AR-1268-1	9.900f	8.513	76599030	13902938	76.716	21.470 #

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 Acq On : 14 Jul 2020 18:26
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 Misc :
 ALS Vial : 19 Sample Multiplier: 1

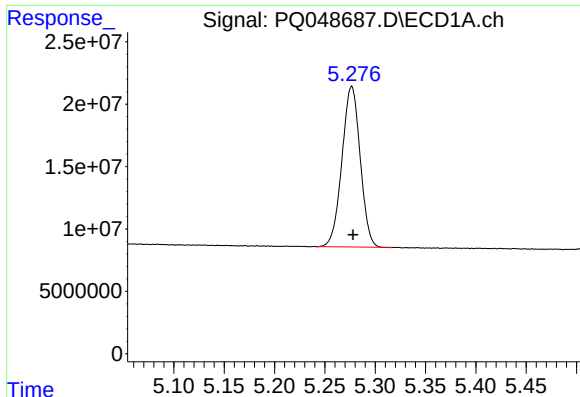
Instrument :
 ECD_S
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 15 05:19:43 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ070820.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	9.957f	8.576	42715611	53012773	44.578	88.340 #
43) L9	AR-1268-3	10.223	8.790	5439823	2131044	6.643	4.306 #
44) L9	AR-1268-4	10.705	9.082	38738039	16095230	103.679	74.443 #
45) L9	AR-1268-5	11.160	9.386	11883634	6013844	4.136	3.613

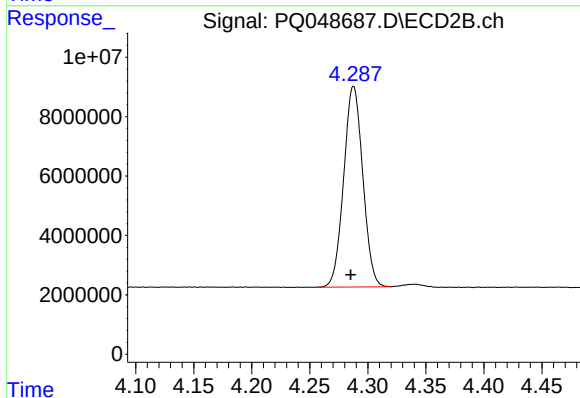
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

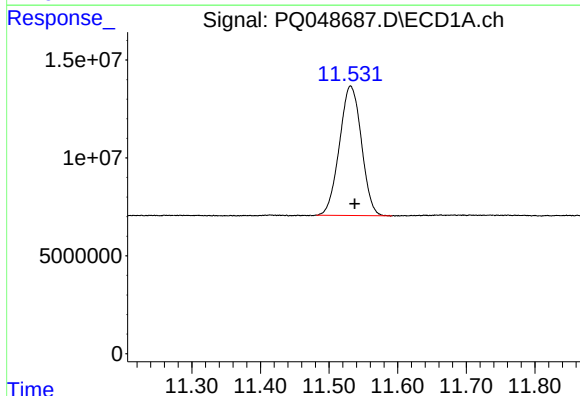
R.T.: 5.277 min
Delta R.T.: -0.001 min
Response: 162278502
Conc: 23.30 ng/ml

Instrument :
ECD_S
ClientSampleId :



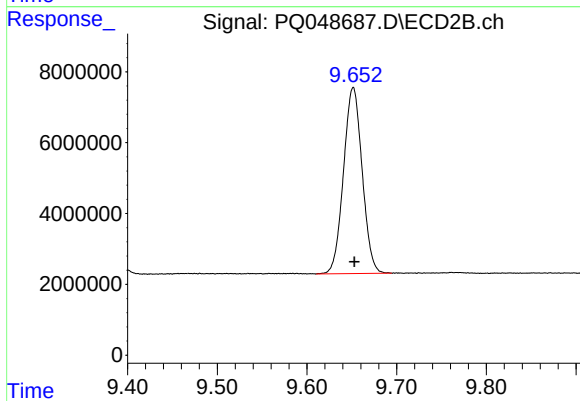
#1 Tetrachloro-m-xylene

R.T.: 4.288 min
Delta R.T.: 0.002 min
Response: 77417256
Conc: 22.22 ng/ml



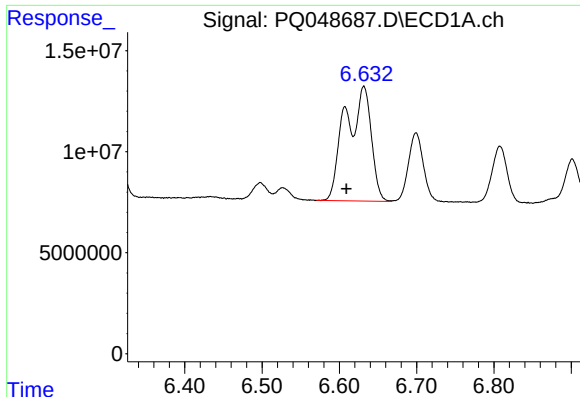
#2 Decachlorobiphenyl

R.T.: 11.532 min
Delta R.T.: -0.006 min
Response: 146967054
Conc: 19.14 ng/ml



#2 Decachlorobiphenyl

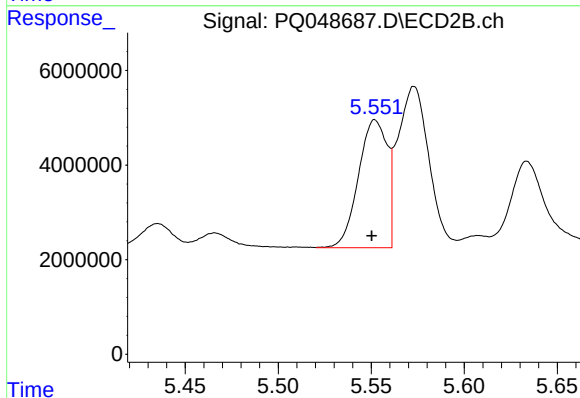
R.T.: 9.652 min
Delta R.T.: -0.001 min
Response: 75950418
Conc: 18.87 ng/ml



#3 AR-1016-1

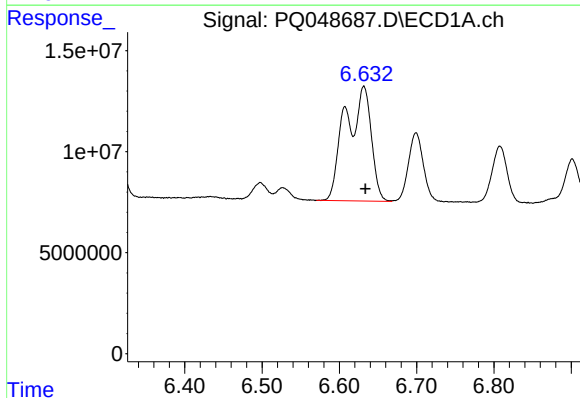
R.T.: 6.631 min
Delta R.T.: 0.022 min
Response: 131292931
Conc: 508.18 ng/ml

Instrument :
ECD_S
ClientSampleId :



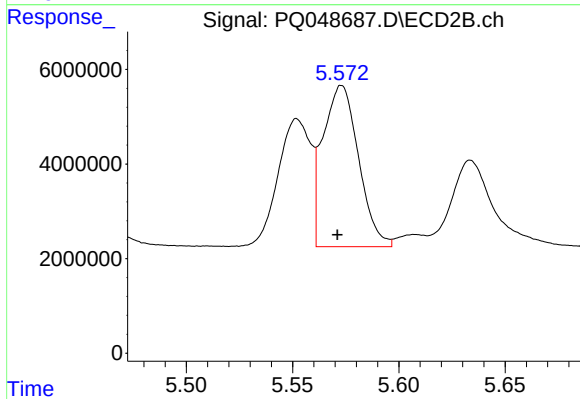
#3 AR-1016-1

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 29092623
Conc: 210.58 ng/ml



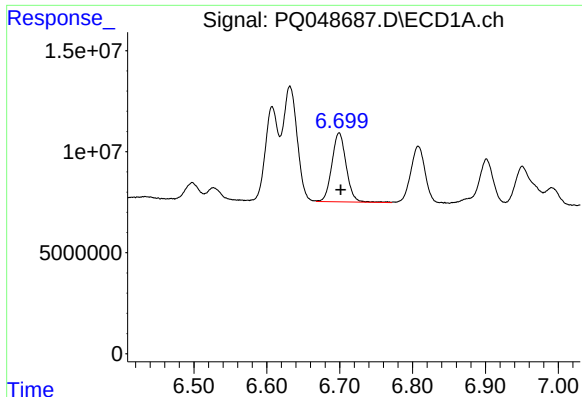
#4 AR-1016-2

R.T.: 6.631 min
Delta R.T.: -0.003 min
Response: 131292931
Conc: 368.61 ng/ml



#4 AR-1016-2

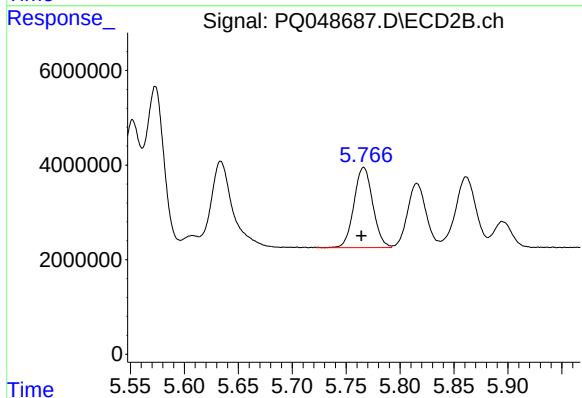
R.T.: 5.573 min
Delta R.T.: 0.002 min
Response: 39774863
Conc: 212.22 ng/ml



#5 AR-1016-3

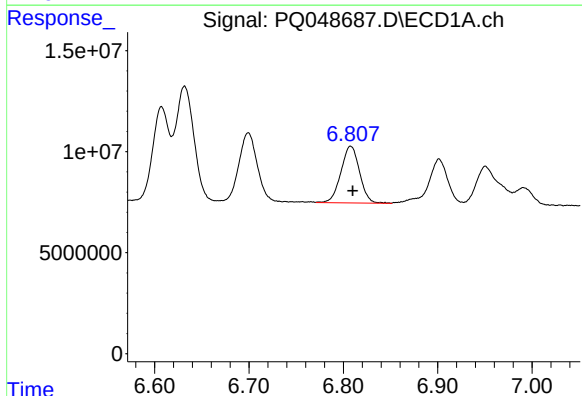
R.T.: 6.699 min
Delta R.T.: -0.002 min
Response: 46561131
Conc: 214.77 ng/ml

Instrument :
ECD_S
ClientSampleId :



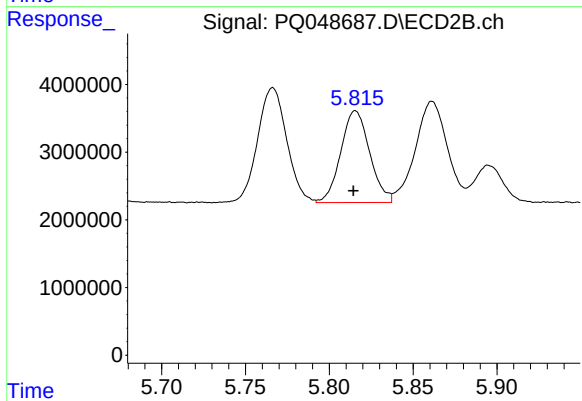
#5 AR-1016-3

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 20607010
Conc: 226.73 ng/ml



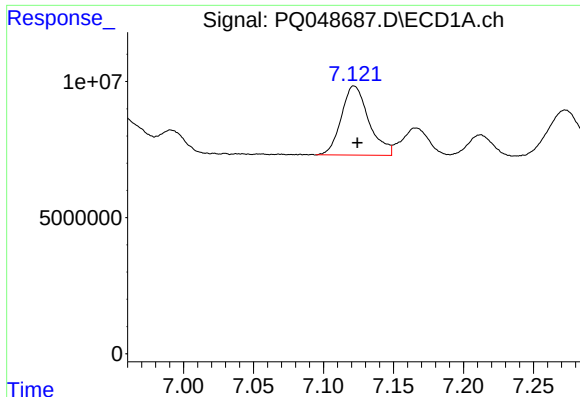
#6 AR-1016-4

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 38608100
Conc: 216.00 ng/ml



#6 AR-1016-4

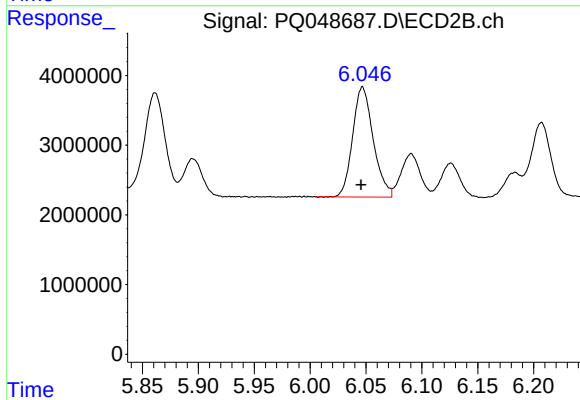
R.T.: 5.816 min
Delta R.T.: 0.001 min
Response: 16276995
Conc: 221.41 ng/ml



#7 AR-1016-5

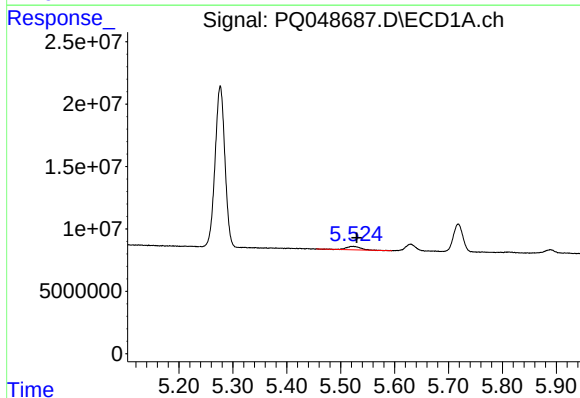
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 34748150
Conc: 199.60 ng/ml

Instrument :
ECD_S
ClientSampleId :



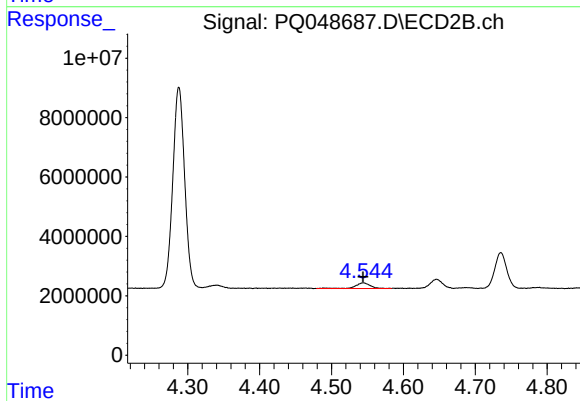
#7 AR-1016-5

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 20236587
Conc: 228.49 ng/ml



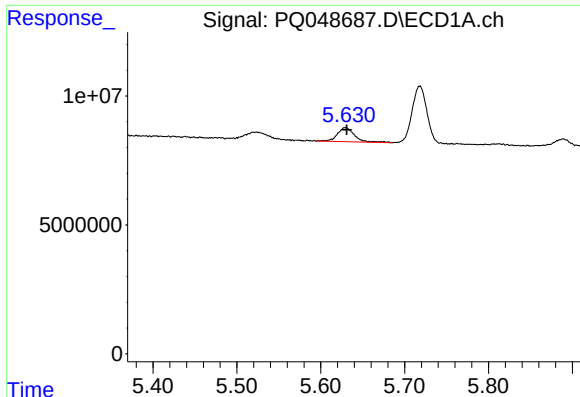
#8 AR-1221-1

R.T.: 5.523 min
Delta R.T.: -0.007 min
Response: 5246378
Conc: 69.38 ng/ml



#8 AR-1221-1

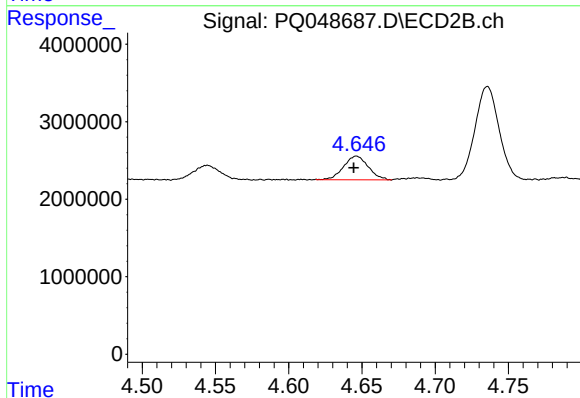
R.T.: 4.544 min
Delta R.T.: 0.000 min
Response: 2730408
Conc: 67.85 ng/ml



#9 AR-1221-2

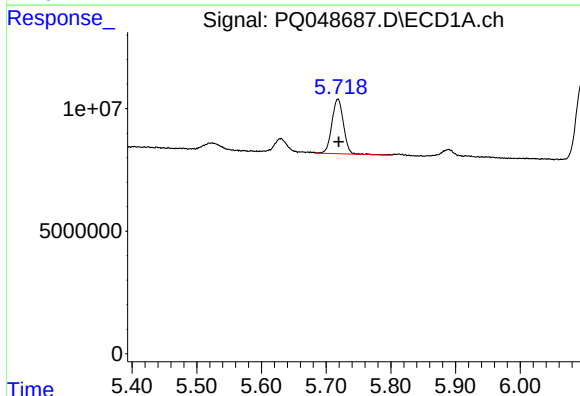
R.T.: 5.630 min
Delta R.T.: -0.001 min
Response: 7698080
Conc: 133.96 ng/ml

Instrument :
ECD_S
ClientSampleId :



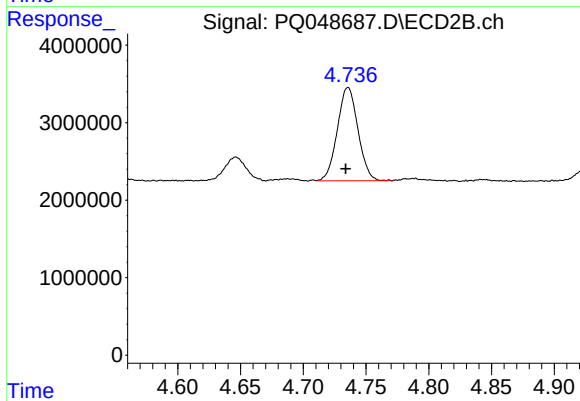
#9 AR-1221-2

R.T.: 4.646 min
Delta R.T.: 0.002 min
Response: 3607042
Conc: 125.57 ng/ml



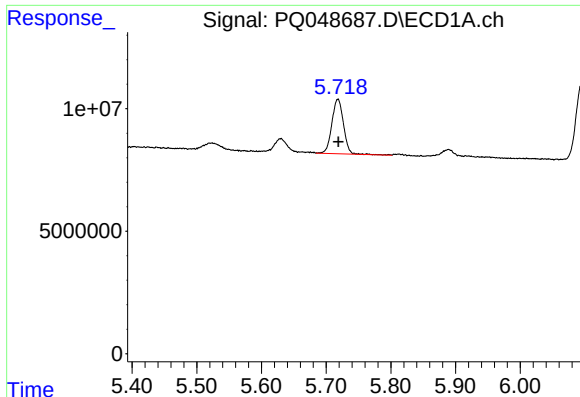
#10 AR-1221-3

R.T.: 5.718 min
Delta R.T.: -0.002 min
Response: 27739665
Conc: 151.49 ng/ml



#10 AR-1221-3

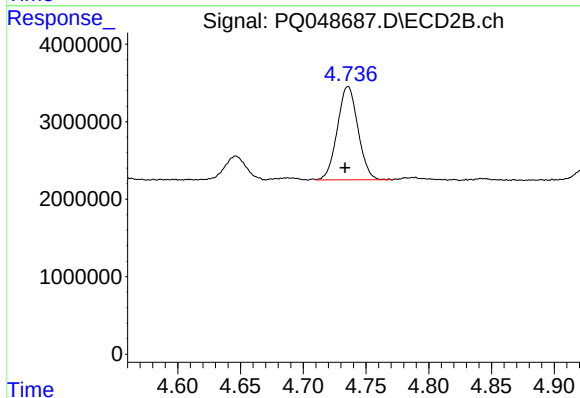
R.T.: 4.736 min
Delta R.T.: 0.002 min
Response: 13787863
Conc: 148.35 ng/ml



#11 AR-1232-1

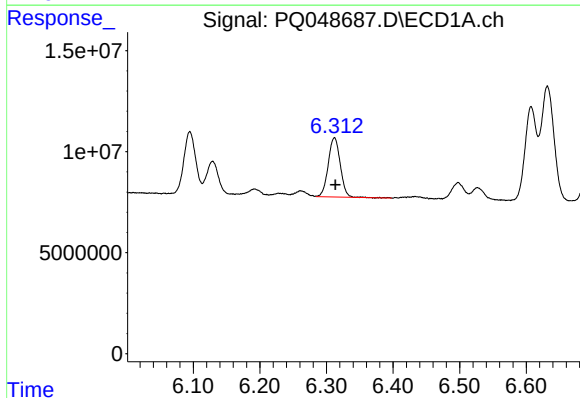
R.T.: 5.718 min
Delta R.T.: -0.001 min
Response: 27739665
Conc: 191.30 ng/ml

Instrument :
ECD_S
ClientSampleId :



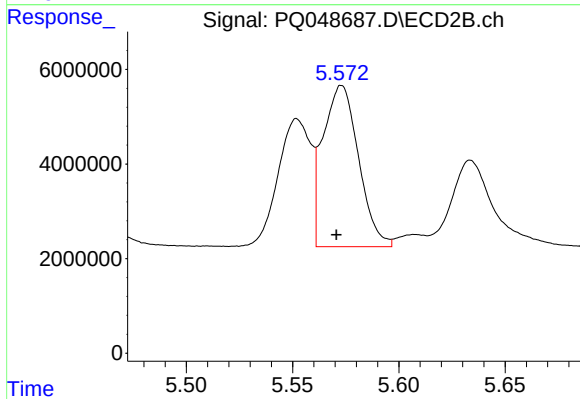
#11 AR-1232-1

R.T.: 4.736 min
Delta R.T.: 0.003 min
Response: 13787863
Conc: 186.10 ng/ml



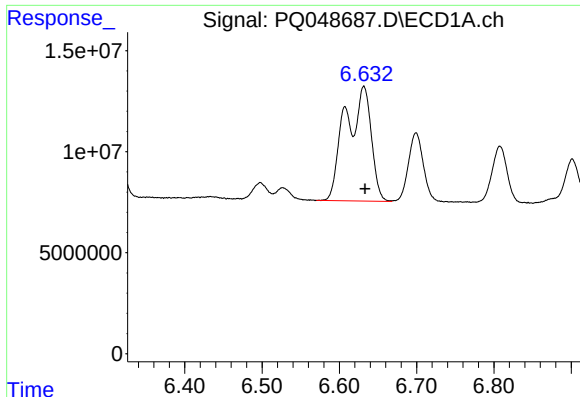
#12 AR-1232-2

R.T.: 6.312 min
Delta R.T.: -0.001 min
Response: 36911759
Conc: 532.89 ng/ml



#12 AR-1232-2

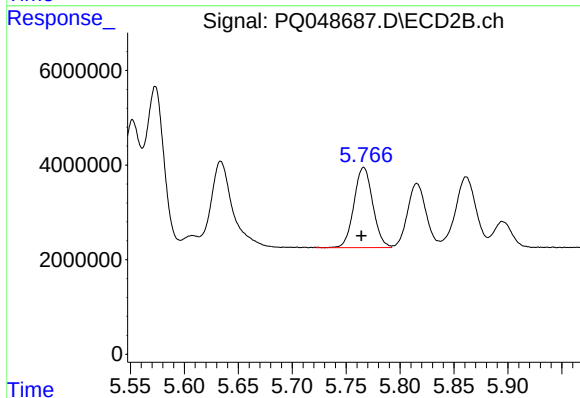
R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 39774863
Conc: 513.05 ng/ml



#13 AR-1232-3

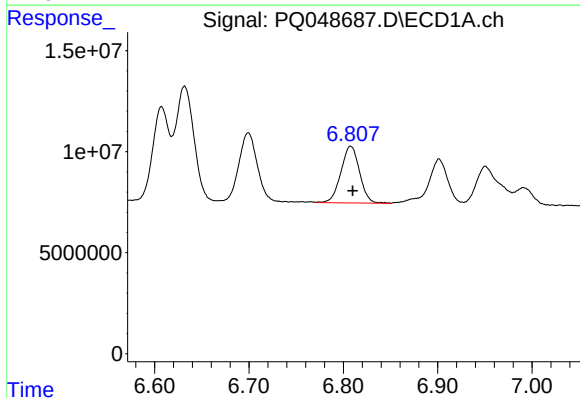
R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 131292931
Conc: 901.31 ng/ml

Instrument :
ECD_S
ClientSampleId :



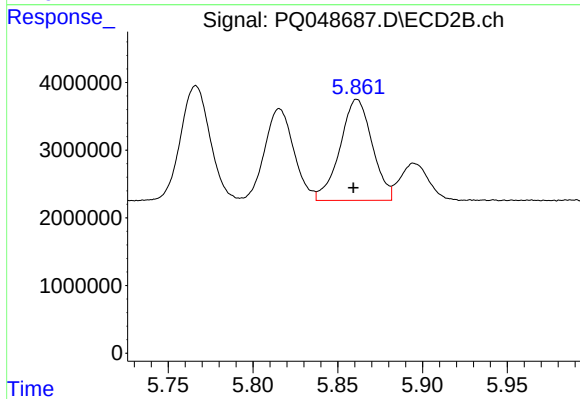
#13 AR-1232-3

R.T.: 5.766 min
Delta R.T.: 0.002 min
Response: 20607010
Conc: 546.90 ng/ml



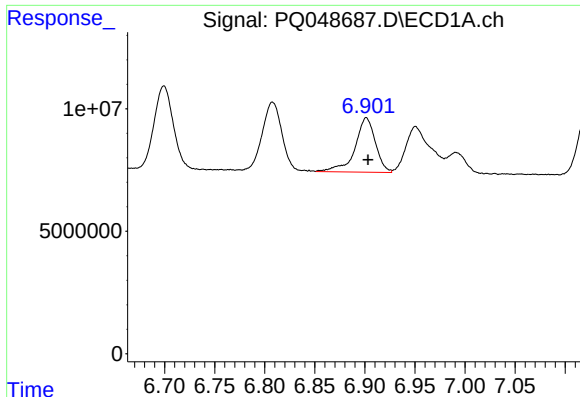
#14 AR-1232-4

R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 38608100
Conc: 530.61 ng/ml



#14 AR-1232-4

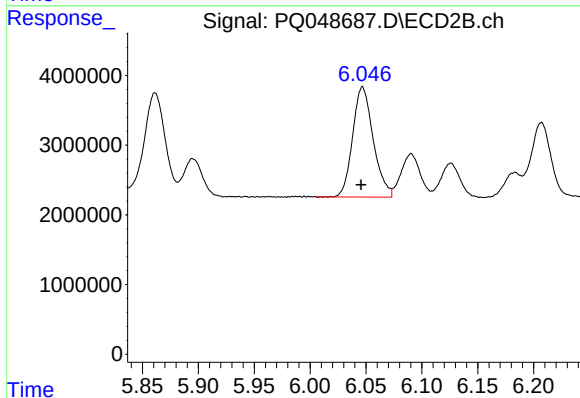
R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 19778543
Conc: 584.77 ng/ml



#15 AR-1232-5

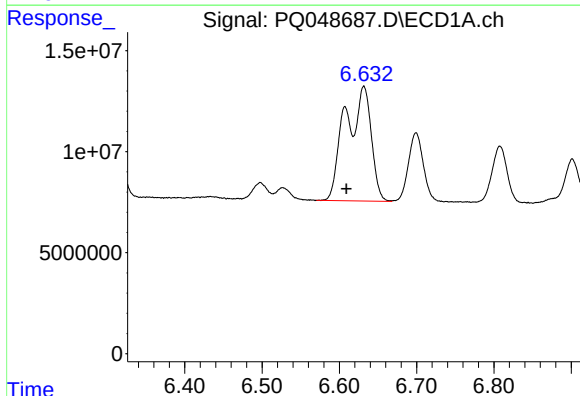
R.T.: 6.901 min
Delta R.T.: -0.002 min
Response: 31629901
Conc: 585.53 ng/ml

Instrument :
ECD_S
ClientSampleId :



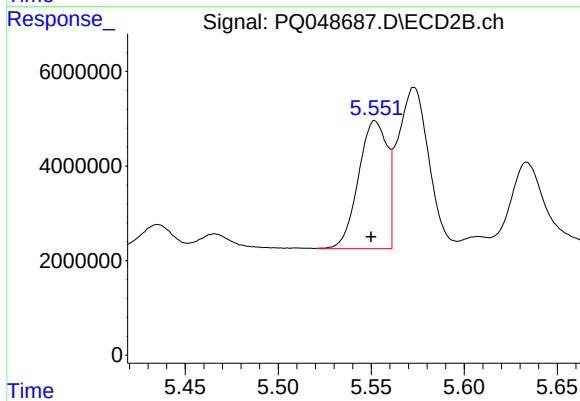
#15 AR-1232-5

R.T.: 6.047 min
Delta R.T.: 0.001 min
Response: 20236587
Conc: 565.99 ng/ml



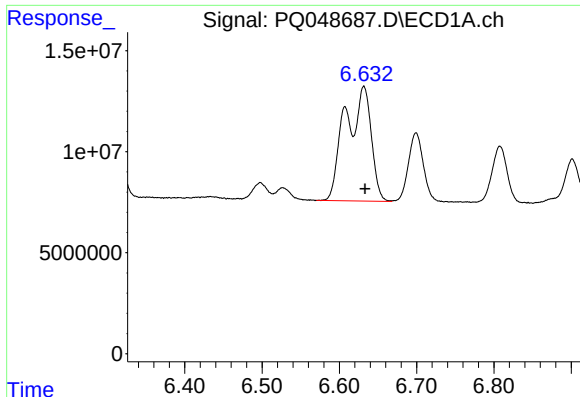
#16 AR-1242-1

R.T.: 6.631 min
Delta R.T.: 0.022 min
Response: 131292931
Conc: 634.07 ng/ml



#16 AR-1242-1

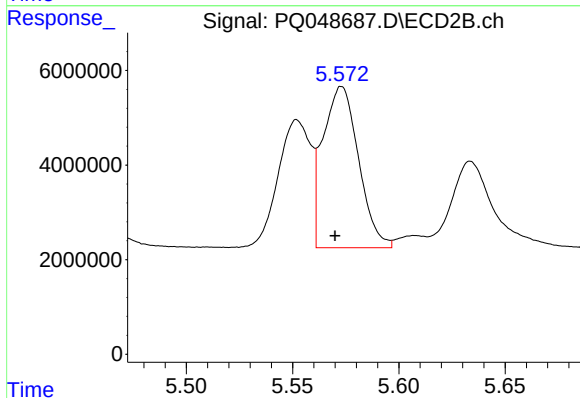
R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 29092623
Conc: 267.33 ng/ml



#17 AR-1242-2

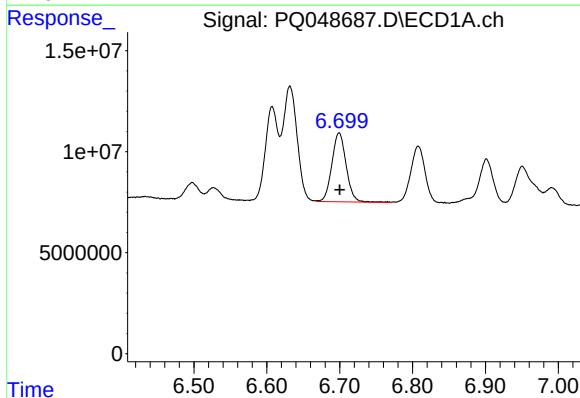
R.T.: 6.631 min
Delta R.T.: -0.002 min
Response: 131292931
Conc: 469.58 ng/ml

Instrument :
ECD_S
ClientSampleId :



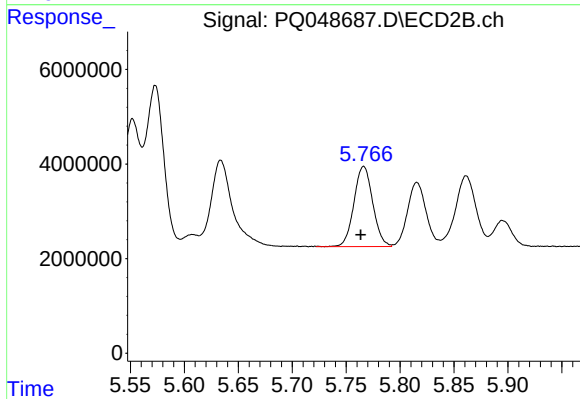
#17 AR-1242-2

R.T.: 5.573 min
Delta R.T.: 0.003 min
Response: 39774863
Conc: 261.91 ng/ml



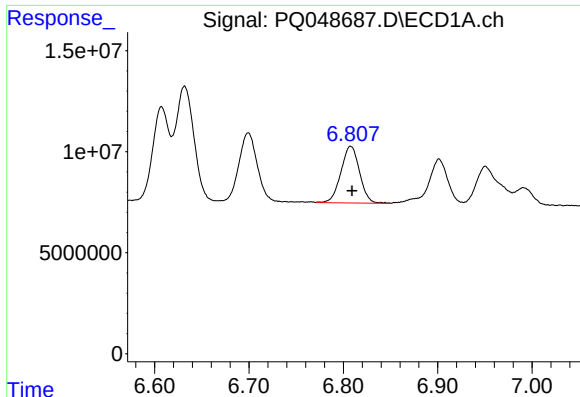
#18 AR-1242-3

R.T.: 6.699 min
Delta R.T.: 0.000 min
Response: 46561131
Conc: 272.18 ng/ml



#18 AR-1242-3

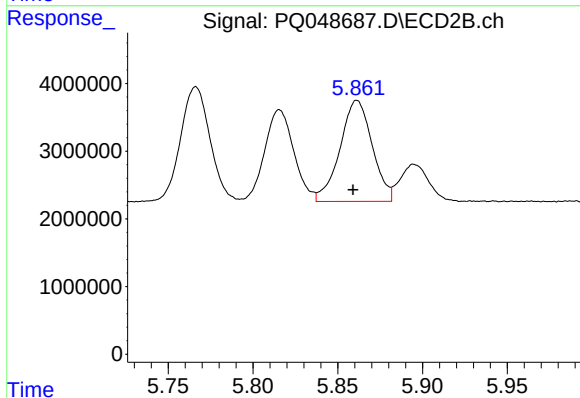
R.T.: 5.766 min
Delta R.T.: 0.003 min
Response: 20607010
Conc: 274.39 ng/ml



#19 AR-1242-4

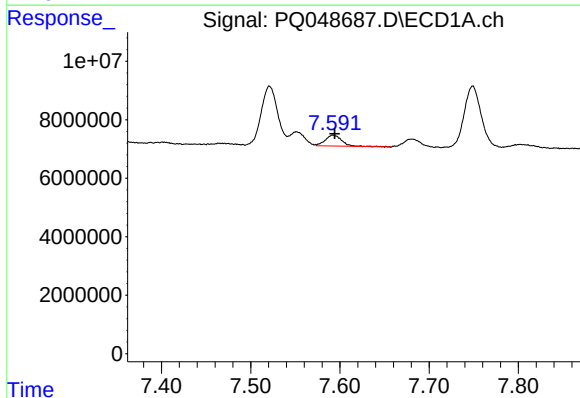
R.T.: 6.808 min
Delta R.T.: -0.002 min
Response: 38608100
Conc: 273.51 ng/ml

Instrument :
ECD_S
ClientSampleId :



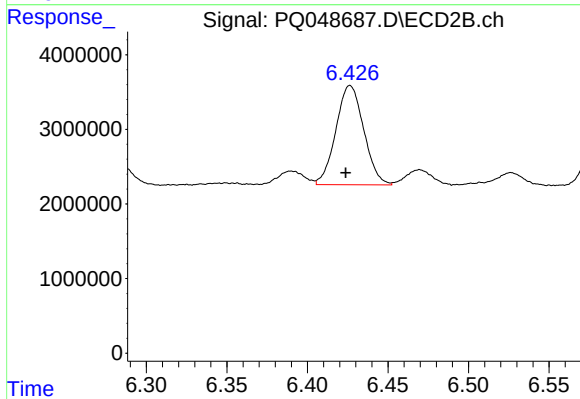
#19 AR-1242-4

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 19778543
Conc: 270.19 ng/ml



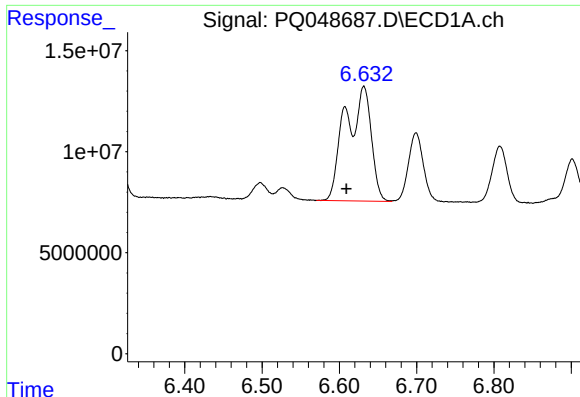
#20 AR-1242-5

R.T.: 7.593 min
Delta R.T.: -0.001 min
Response: 4808103
Conc: 32.37 ng/ml



#20 AR-1242-5

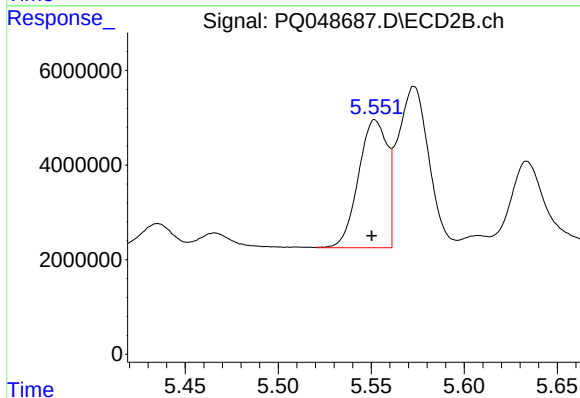
R.T.: 6.427 min
Delta R.T.: 0.003 min
Response: 16026340
Conc: 159.30 ng/ml



#21 AR-1248-1

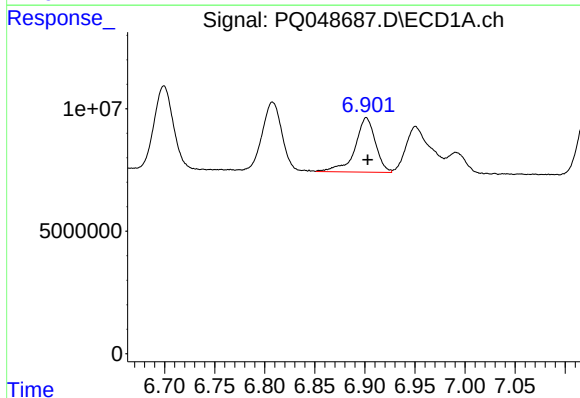
R.T.: 6.631 min
Delta R.T.: 0.022 min
Response: 131292931
Conc: 856.28 ng/ml

Instrument :
ECD_S
ClientSampleId :



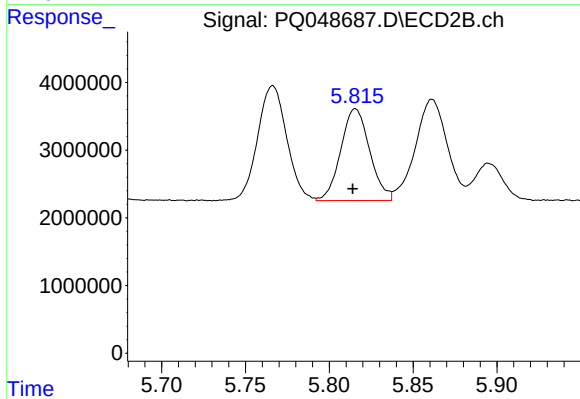
#21 AR-1248-1

R.T.: 5.552 min
Delta R.T.: 0.002 min
Response: 29092623
Conc: 353.49 ng/ml



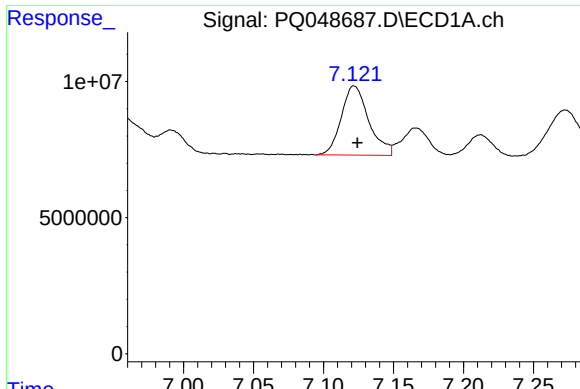
#22 AR-1248-2

R.T.: 6.901 min
Delta R.T.: -0.001 min
Response: 31629901
Conc: 159.60 ng/ml



#22 AR-1248-2

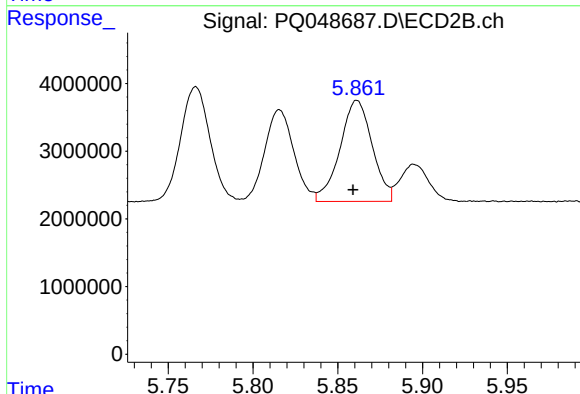
R.T.: 5.816 min
Delta R.T.: 0.002 min
Response: 16276995
Conc: 158.79 ng/ml



#23 AR-1248-3

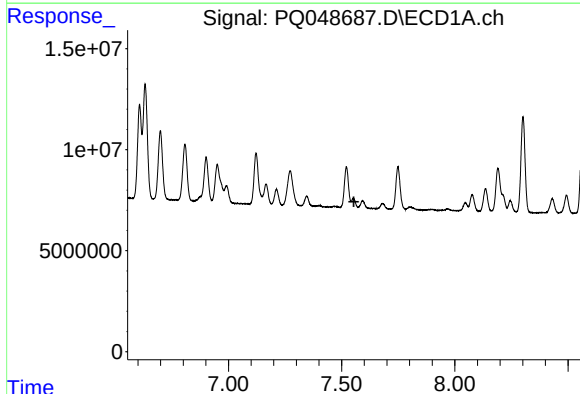
R.T.: 7.122 min
Delta R.T.: -0.002 min
Response: 34748150
Conc: 158.00 ng/ml

Instrument :
ECD_S
ClientSampleId :



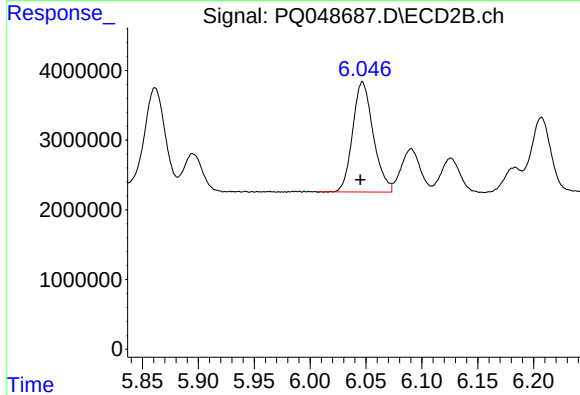
#23 AR-1248-3

R.T.: 5.861 min
Delta R.T.: 0.002 min
Response: 19778543
Conc: 187.49 ng/ml



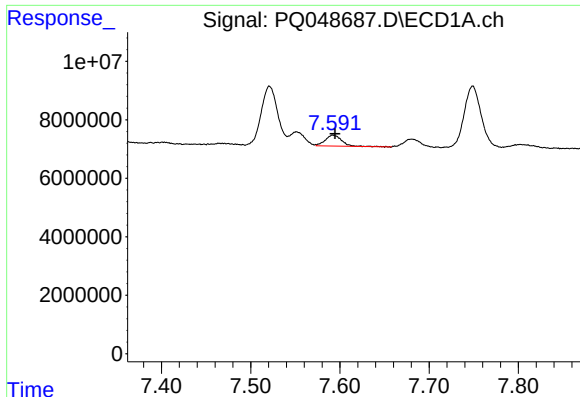
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 7.554 min
Response: 0
Conc: N.D.



#24 AR-1248-4

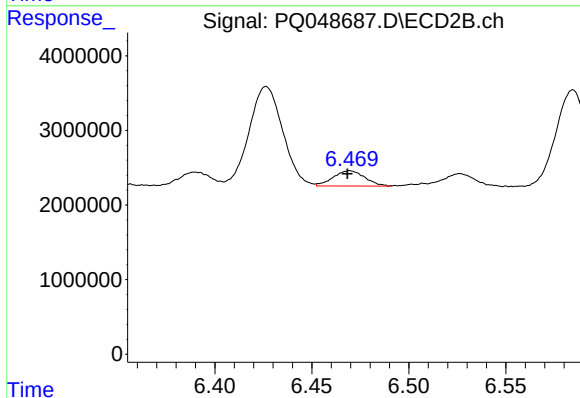
R.T.: 6.047 min
Delta R.T.: 0.002 min
Response: 20236587
Conc: 165.82 ng/ml



#25 AR-1248-5

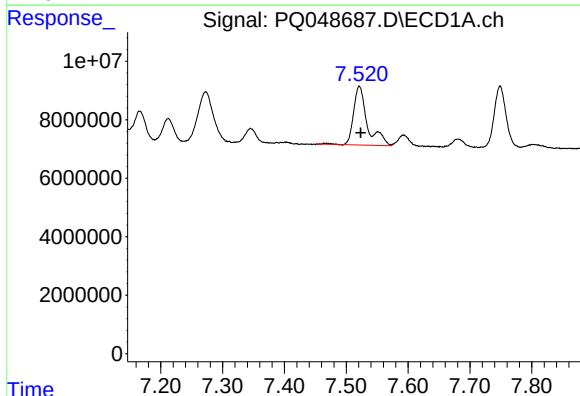
R.T.: 7.593 min
Delta R.T.: -0.002 min
Response: 4808103
Conc: 19.96 ng/ml

Instrument :
ECD_S
ClientSampleId :



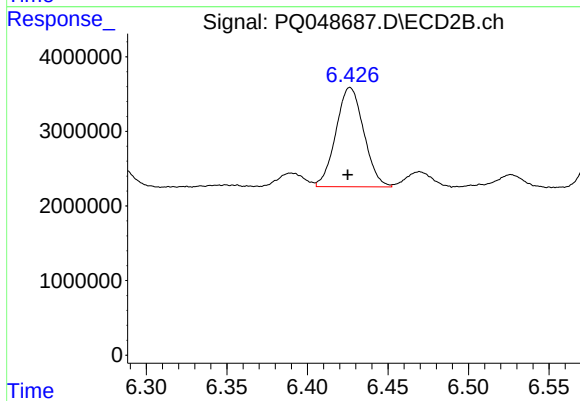
#25 AR-1248-5

R.T.: 6.470 min
Delta R.T.: 0.001 min
Response: 2322911
Conc: 17.06 ng/ml



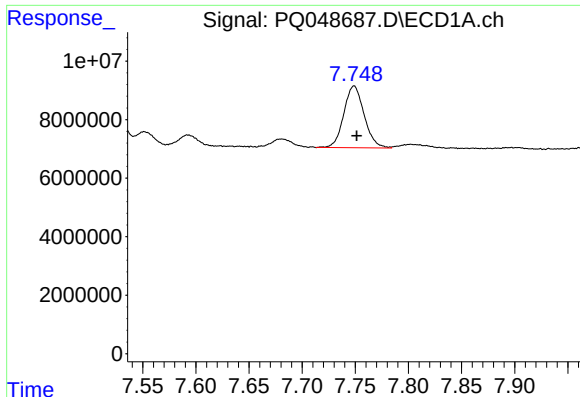
#26 AR-1254-1

R.T.: 7.521 min
Delta R.T.: -0.002 min
Response: 30979187
Conc: 118.34 ng/ml



#26 AR-1254-1

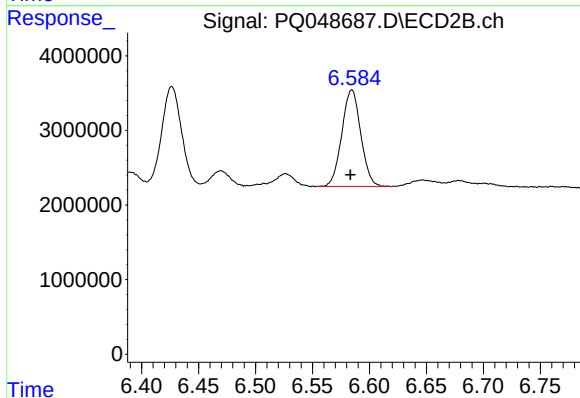
R.T.: 6.427 min
Delta R.T.: 0.001 min
Response: 16026340
Conc: 72.87 ng/ml



#27 AR-1254-2

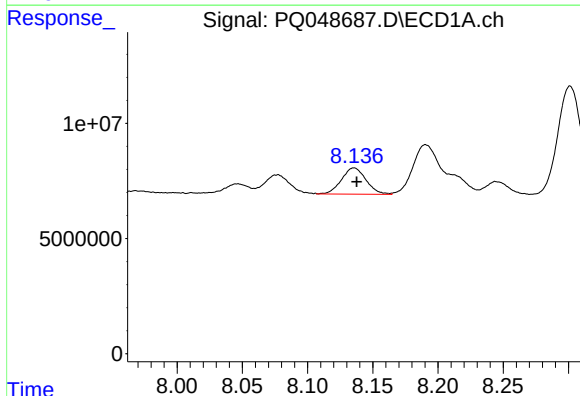
R.T.: 7.749 min
Delta R.T.: -0.002 min
Response: 28114566
Conc: 69.19 ng/ml

Instrument :
ECD_S
ClientSampleId :



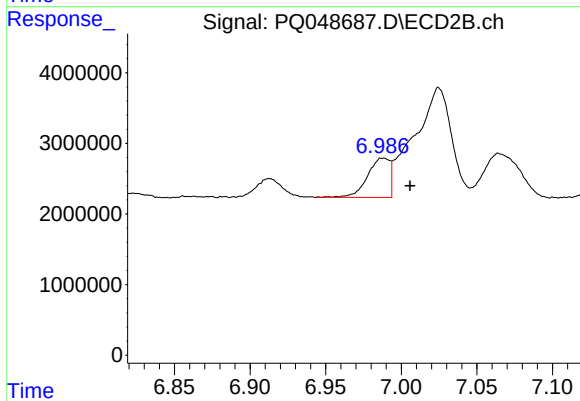
#27 AR-1254-2

R.T.: 6.585 min
Delta R.T.: 0.001 min
Response: 15005818
Conc: 78.74 ng/ml



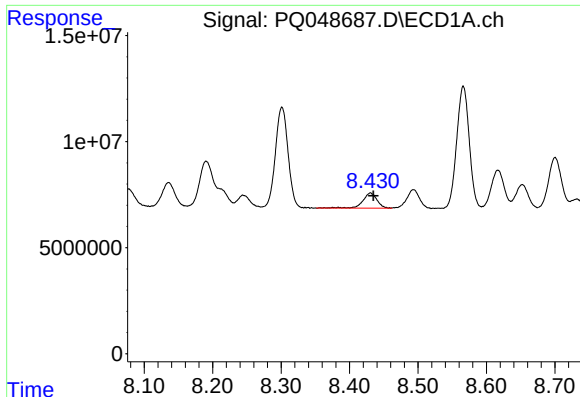
#28 AR-1254-3

R.T.: 8.136 min
Delta R.T.: -0.002 min
Response: 14957417
Conc: 34.39 ng/ml



#28 AR-1254-3

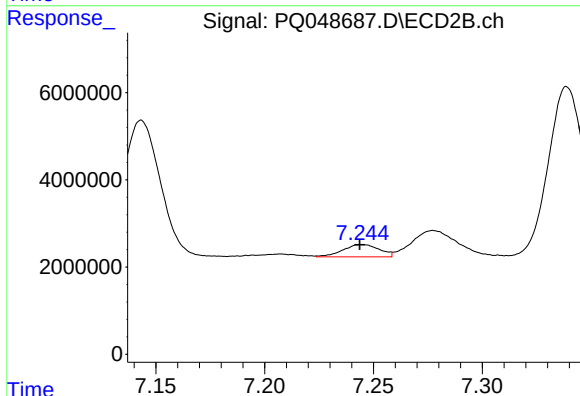
R.T.: 6.988 min
Delta R.T.: -0.018 min
Response: 5705357
Conc: 17.95 ng/ml



#29 AR-1254-4

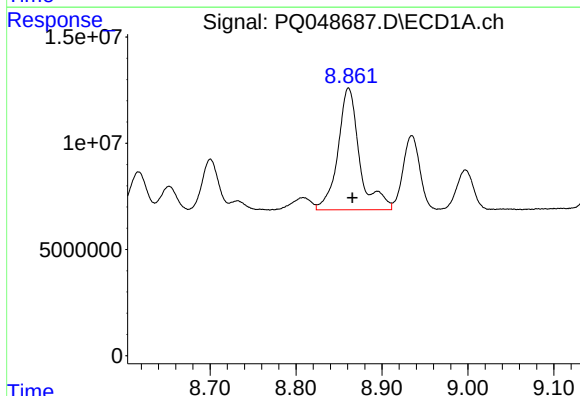
R.T.: 8.431 min
Delta R.T.: -0.004 min
Response: 10328650
Conc: 30.86 ng/ml

Instrument :
ECD_S
ClientSampleId :



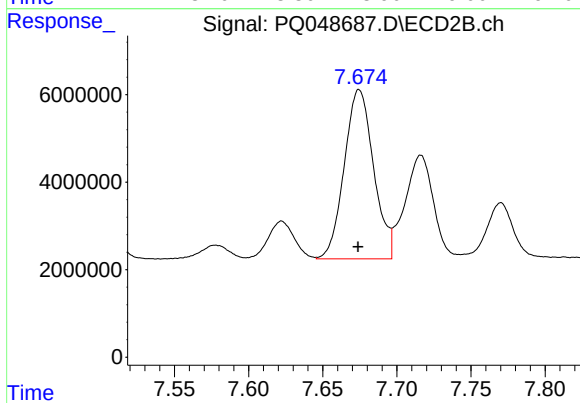
#29 AR-1254-4

R.T.: 7.245 min
Delta R.T.: 0.001 min
Response: 3288162
Conc: 16.05 ng/ml



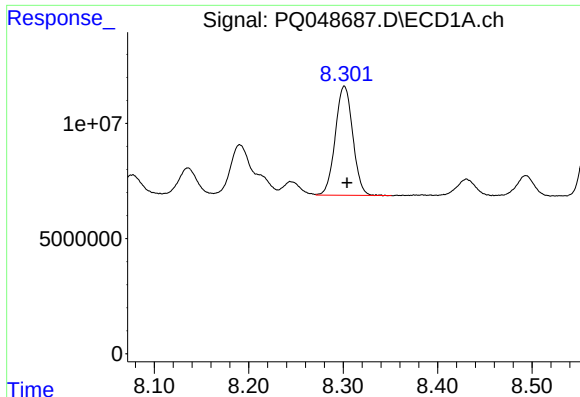
#30 AR-1254-5

R.T.: 8.861 min
Delta R.T.: -0.004 min
Response: 100321895
Conc: 281.11 ng/ml



#30 AR-1254-5

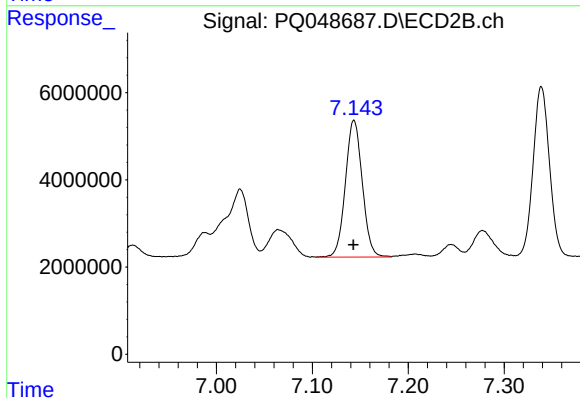
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 53272508
Conc: 191.05 ng/ml



#31 AR-1260-1

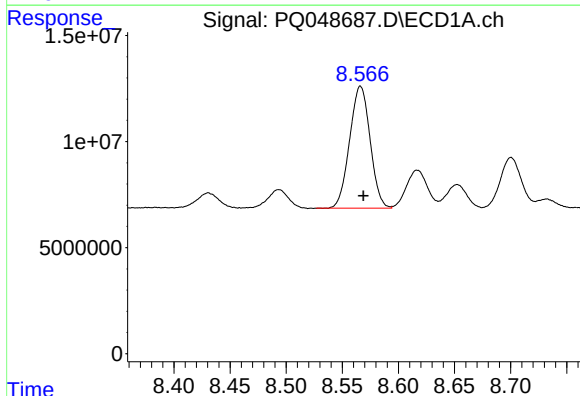
R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 60884243
Conc: 194.78 ng/ml

Instrument :
ECD_S
ClientSampleId :



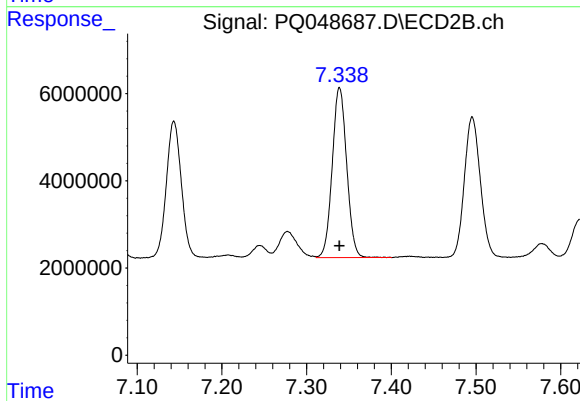
#31 AR-1260-1

R.T.: 7.143 min
Delta R.T.: 0.000 min
Response: 38613517
Conc: 196.82 ng/ml



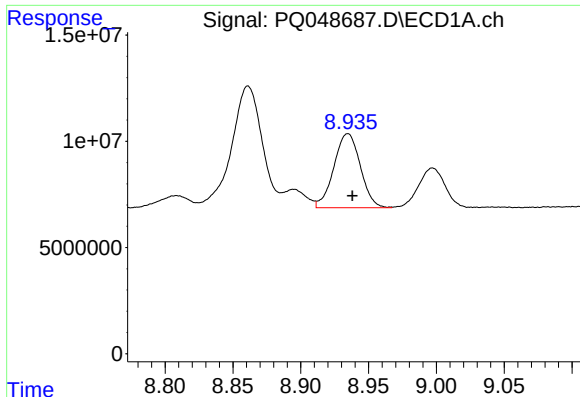
#32 AR-1260-2

R.T.: 8.566 min
Delta R.T.: -0.003 min
Response: 73198607
Conc: 193.13 ng/ml



#32 AR-1260-2

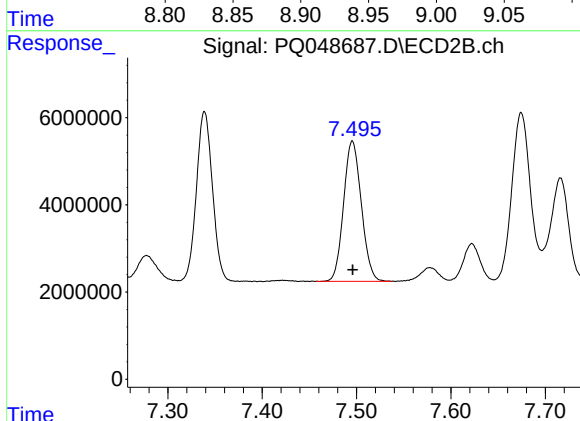
R.T.: 7.339 min
Delta R.T.: 0.000 min
Response: 46326503
Conc: 190.88 ng/ml



#33 AR-1260-3

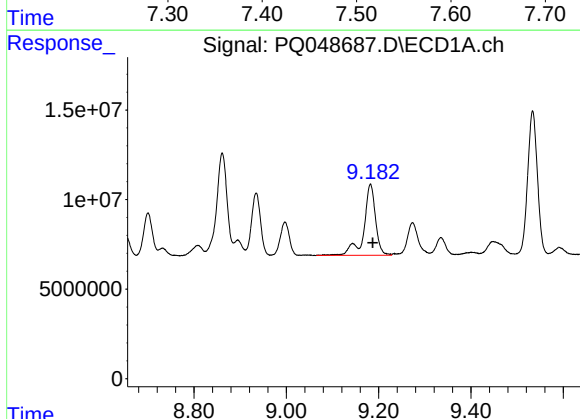
R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 47326679
Conc: 161.06 ng/ml

Instrument :
ECD_S
ClientSampleId :



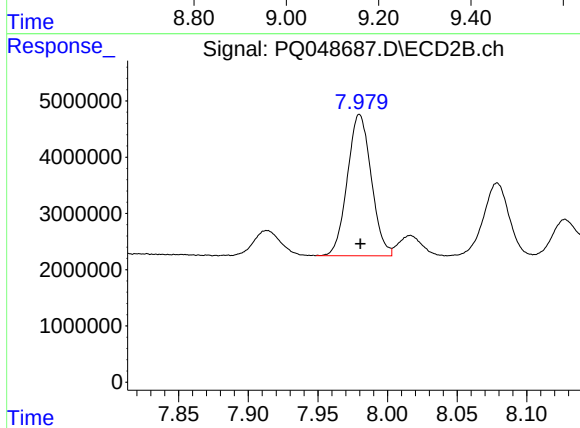
#33 AR-1260-3

R.T.: 7.496 min
Delta R.T.: 0.000 min
Response: 42137437
Conc: 191.90 ng/ml



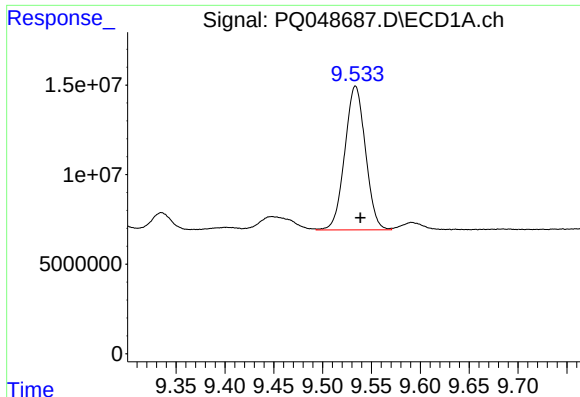
#34 AR-1260-4

R.T.: 9.182 min
Delta R.T.: -0.005 min
Response: 69749521
Conc: 204.90 ng/ml



#34 AR-1260-4

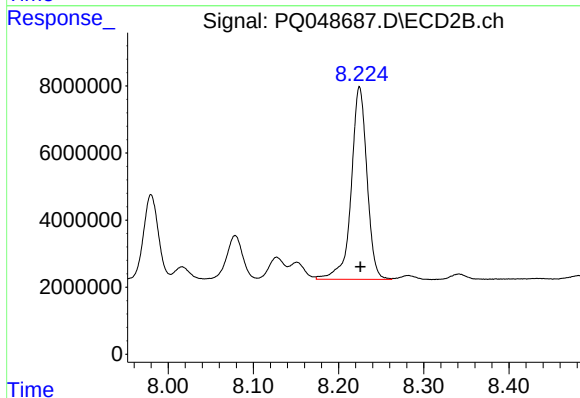
R.T.: 7.980 min
Delta R.T.: 0.000 min
Response: 30039307
Conc: 157.79 ng/ml



#35 AR-1260-5

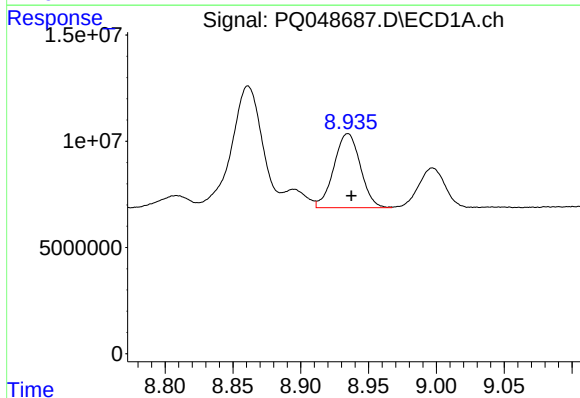
R.T.: 9.534 min
Delta R.T.: -0.005 min
Response: 118115961
Conc: 163.37 ng/ml

Instrument :
ECD_S
ClientSampleId :



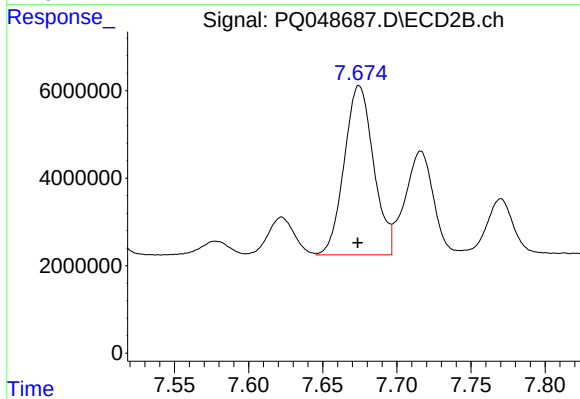
#35 AR-1260-5

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 73818909
Conc: 153.77 ng/ml



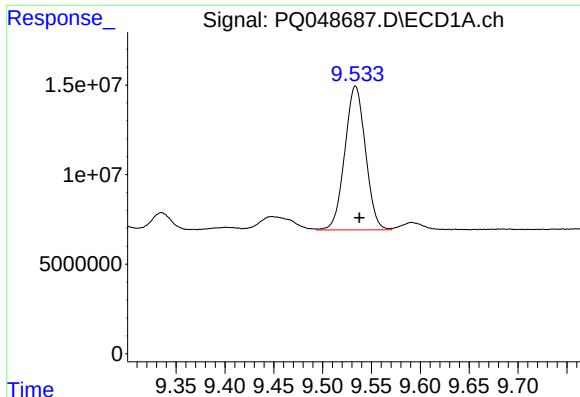
#36 AR-1262-1

R.T.: 8.935 min
Delta R.T.: -0.003 min
Response: 47326679
Conc: 114.90 ng/ml



#36 AR-1262-1

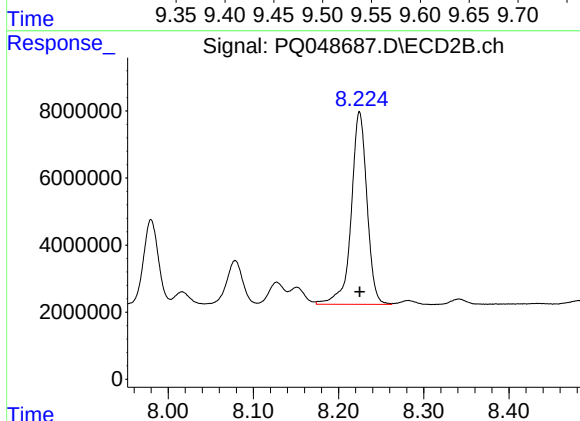
R.T.: 7.675 min
Delta R.T.: 0.000 min
Response: 53272508
Conc: 372.63 ng/ml



#37 AR-1262-2

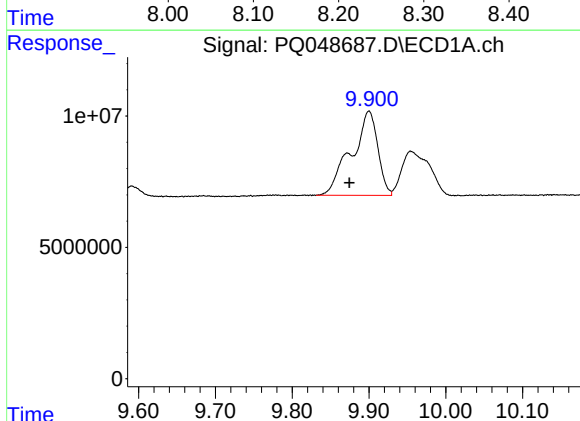
R.T.: 9.534 min
Delta R.T.: -0.004 min
Response: 118115961
Conc: 148.01 ng/ml

Instrument :
ECD_S
ClientSampleId :



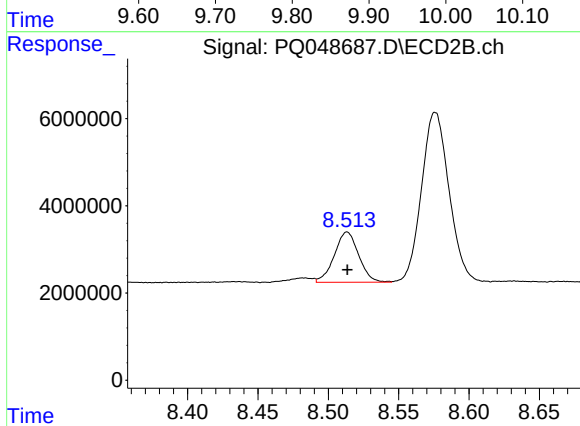
#37 AR-1262-2

R.T.: 8.225 min
Delta R.T.: 0.000 min
Response: 73818909
Conc: 137.54 ng/ml



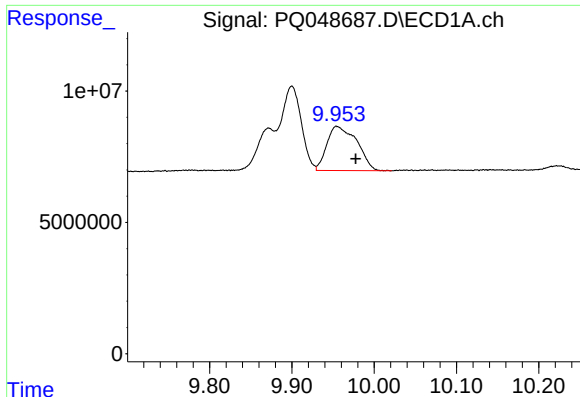
#38 AR-1262-3

R.T.: 9.900 min
Delta R.T.: 0.025 min
Response: 76599030
Conc: 218.74 ng/ml



#38 AR-1262-3

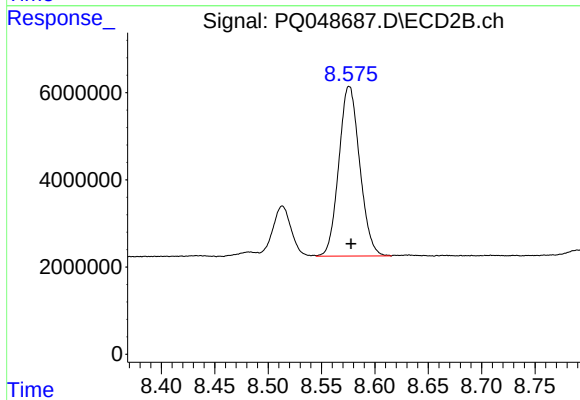
R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 13902938
Conc: 64.57 ng/ml



#39 AR-1262-4

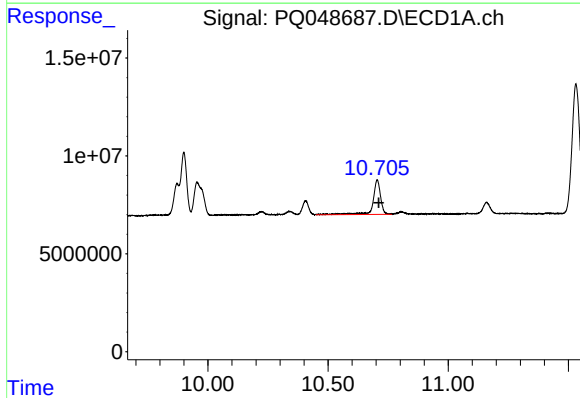
R.T.: 9.957 min
Delta R.T.: -0.021 min
Response: 42715611
Conc: 101.50 ng/ml

Instrument :
ECD_S
ClientSampleId :



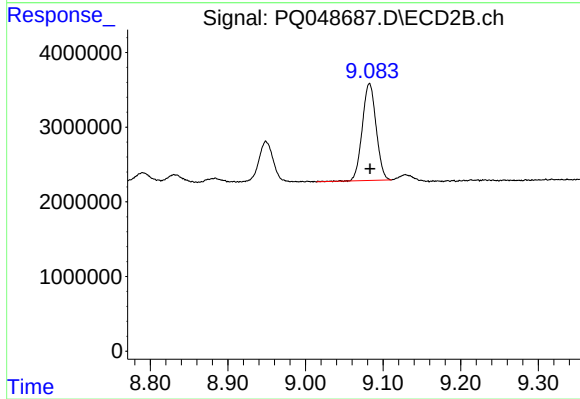
#39 AR-1262-4

R.T.: 8.576 min
Delta R.T.: -0.002 min
Response: 53012773
Conc: 135.18 ng/ml



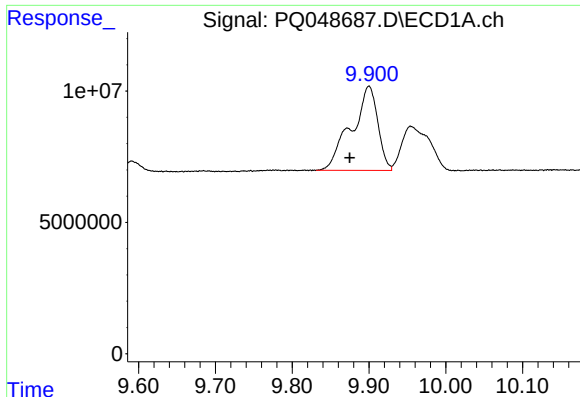
#40 AR-1262-5

R.T.: 10.705 min
Delta R.T.: -0.006 min
Response: 38738039
Conc: 121.71 ng/ml



#40 AR-1262-5

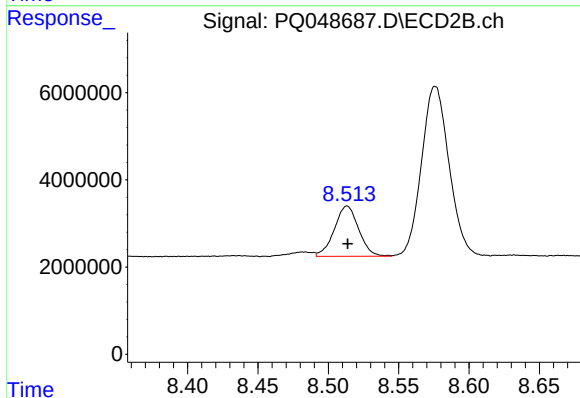
R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 16095230
Conc: 86.44 ng/ml



#41 AR-1268-1

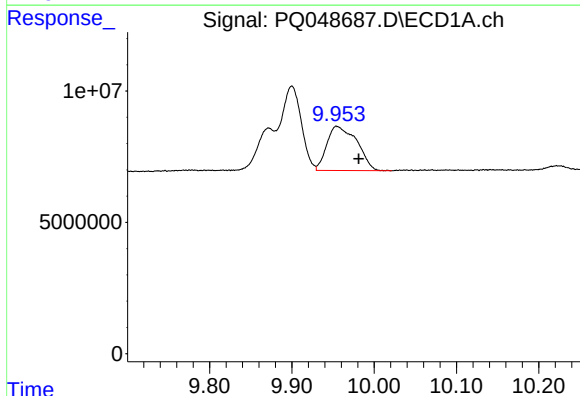
R.T.: 9.900 min
Delta R.T.: 0.025 min
Response: 76599030
Conc: 76.72 ng/ml

Instrument :
ECD_S
ClientSampleId :



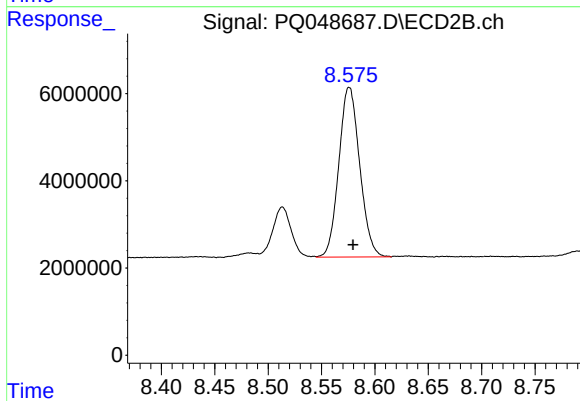
#41 AR-1268-1

R.T.: 8.513 min
Delta R.T.: 0.000 min
Response: 13902938
Conc: 21.47 ng/ml



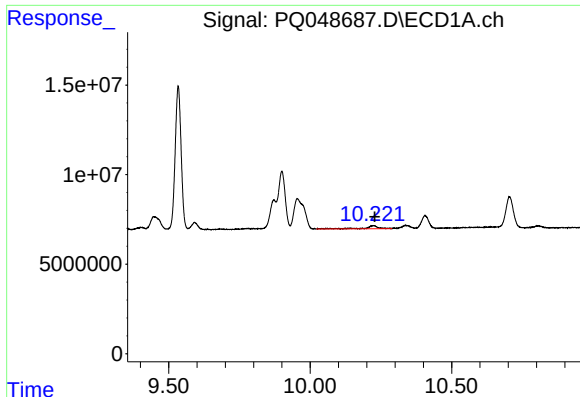
#42 AR-1268-2

R.T.: 9.957 min
Delta R.T.: -0.024 min
Response: 42715611
Conc: 44.58 ng/ml



#42 AR-1268-2

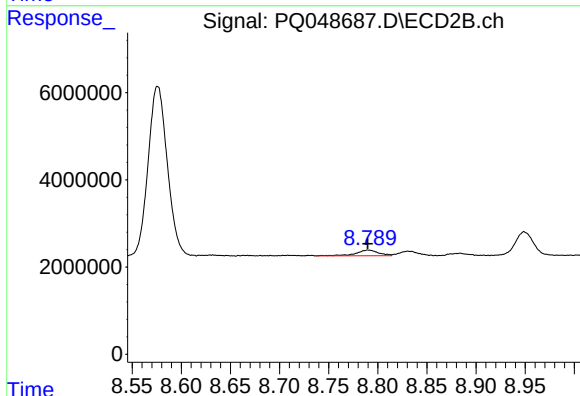
R.T.: 8.576 min
Delta R.T.: -0.003 min
Response: 53012773
Conc: 88.34 ng/ml



#43 AR-1268-3

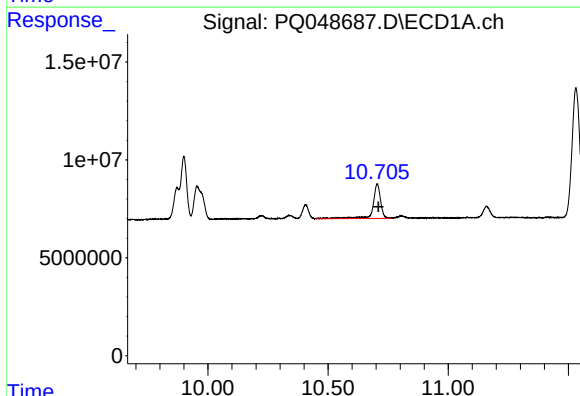
R.T.: 10.223 min
Delta R.T.: -0.005 min
Response: 5439823
Conc: 6.64 ng/ml

Instrument :
ECD_S
ClientSampleId :



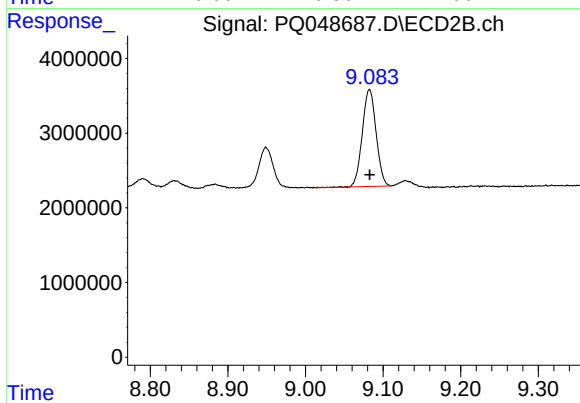
#43 AR-1268-3

R.T.: 8.790 min
Delta R.T.: 0.000 min
Response: 2131044
Conc: 4.31 ng/ml



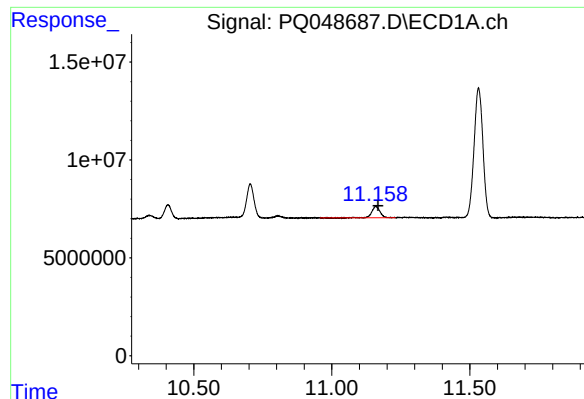
#44 AR-1268-4

R.T.: 10.705 min
Delta R.T.: -0.005 min
Response: 38738039
Conc: 103.68 ng/ml



#44 AR-1268-4

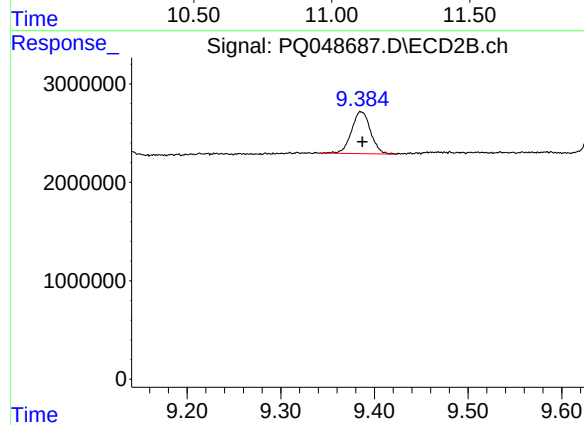
R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 16095230
Conc: 74.44 ng/ml



#45 AR-1268-5

R.T.: 11.160 min
Delta R.T.: -0.008 min
Response: 11883634
Conc: 4.14 ng/ml

Instrument :
ECD_S
ClientSampleId :



#45 AR-1268-5

R.T.: 9.386 min
Delta R.T.: -0.001 min
Response: 6013844
Conc: 3.61 ng/ml