

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
 Data File : PQ049084.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Aug 2020 09:11
 Operator : DD\AJ
 Sample : AR1242CCC400
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 08 00:19:33 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Aug 07 07:58:16 2020
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	5.258	4.285	129.4E6	75323886	21.014	21.253
2)	SA Decachlor...	11.498	9.646	413.1E6	212.7E6	43.976	45.745
Target Compounds							
3)	L1 AR-1016-1	6.590	5.569	91708886	124.5E6	355.946	806.560 #
4)	L1 AR-1016-2	6.615	5.569	124.2E6	124.5E6	348.039	595.914 #
5)	L1 AR-1016-3	6.681	5.762	77907882	38410544	358.759	371.408
6)	L1 AR-1016-4	6.790	5.812	65420225	29728395	366.625	366.263
7)	L1 AR-1016-5	7.104	6.043	69705350	41289961	377.651	360.391
8)	L2 AR-1221-1	5.509	4.541	7301520	4515319	97.650	99.032
9)	L2 AR-1221-2	5.611	4.643	10166016	6123859	176.973	190.833
10)	L2 AR-1221-3	5.701	4.732	41587410	23861469	222.261	218.332
11)	L3 AR-1232-1	5.701	4.732	41587410	23861469	276.051	274.149
12)	L3 AR-1232-2	6.294	5.569	56444601	124.5E6	721.673	1272.064 #
13)	L3 AR-1232-3	6.615	5.762	124.2E6	38410544	739.276	797.956
14)	L3 AR-1232-4	6.790	5.857	65420225	37803868	773.451	873.890
15)	L3 AR-1232-5	6.883	6.043	56072164	41289961	891.363	830.446
16)	L4 AR-1242-1	6.590	5.569	91708886	124.5E6	390.430	895.998 #
17)	L4 AR-1242-2	6.615	5.569	124.2E6	124.5E6	386.997	662.699 #
18)	L4 AR-1242-3	6.681	5.762	77907882	38410544	391.611	399.749
19)	L4 AR-1242-4	6.790	5.857	65420225	37803868	392.202	398.473
20)	L4 AR-1242-5	7.575	6.422	81197210	54073590	398.898	388.818
21)	L5 AR-1248-1	6.590	5.569	91708886	124.5E6	546.134	1227.758 #
22)	L5 AR-1248-2	6.883	5.812	56072164	29728395	248.910	238.167
23)	L5 AR-1248-3	7.104	5.857	69705350	37803868	272.867	293.373
24)	L5 AR-1248-4	7.535	6.043	78273814	41289961	245.067	258.275
25)	L5 AR-1248-5	7.575	6.466	81197210	46540235	268.501	269.206
26)	L6 AR-1254-1	7.503	6.422	59869206	54073590	185.741	198.784
27)	L6 AR-1254-2	7.742	6.580	70640221	14803894	139.498	60.683 #
28)	L6 AR-1254-3	8.118	7.003	28615074	20041516	53.519	49.697
29)	L6 AR-1254-4	8.415	7.241	26223960	15725061	55.998	58.301
30)	L6 AR-1254-5	8.845	7.671	6406901	4797967	13.355	13.025
31)	L7 AR-1260-1	8.284	7.152	2191469	7937659	5.991	34.804 #
32)	L7 AR-1260-2	8.546	7.334	6877227	1945698	13.830	6.725 #
33)	L7 AR-1260-3	8.908	7.490	995475	1896186	2.367	7.331 #
34)	L7 AR-1260-4	9.160	8.013	3222528	1781962	7.730	7.815
35)	L7 AR-1260-5	9.484	8.198	460702	1429482	0.450	2.405 #
36)	L8 AR-1262-1	8.908	7.671	995475	4797967	1.384	22.985 #
37)	L8 AR-1262-2	9.484	8.198	460702	1429482	0.339	1.807 #
38)	L8 AR-1262-3	0.000	8.572	0	457490	N.D.	1.419 #
39)	L8 AR-1262-4	0.000	8.572	0	457490	N.D.	0.776 #
41)	L9 AR-1268-1	0.000	8.572	0	457490	N.D.	0.495 #
42)	L9 AR-1268-2	0.000	8.572	0	457490	N.D.	0.532 #

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Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ080620CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri Aug 07 07:58:16 2020
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43)	L9 AR-1268-3	10.197	8.785	5795730	3622738	4.194	5.031
45)	L9 AR-1268-5	11.131	9.382	4821931	2239508	1.119	0.975

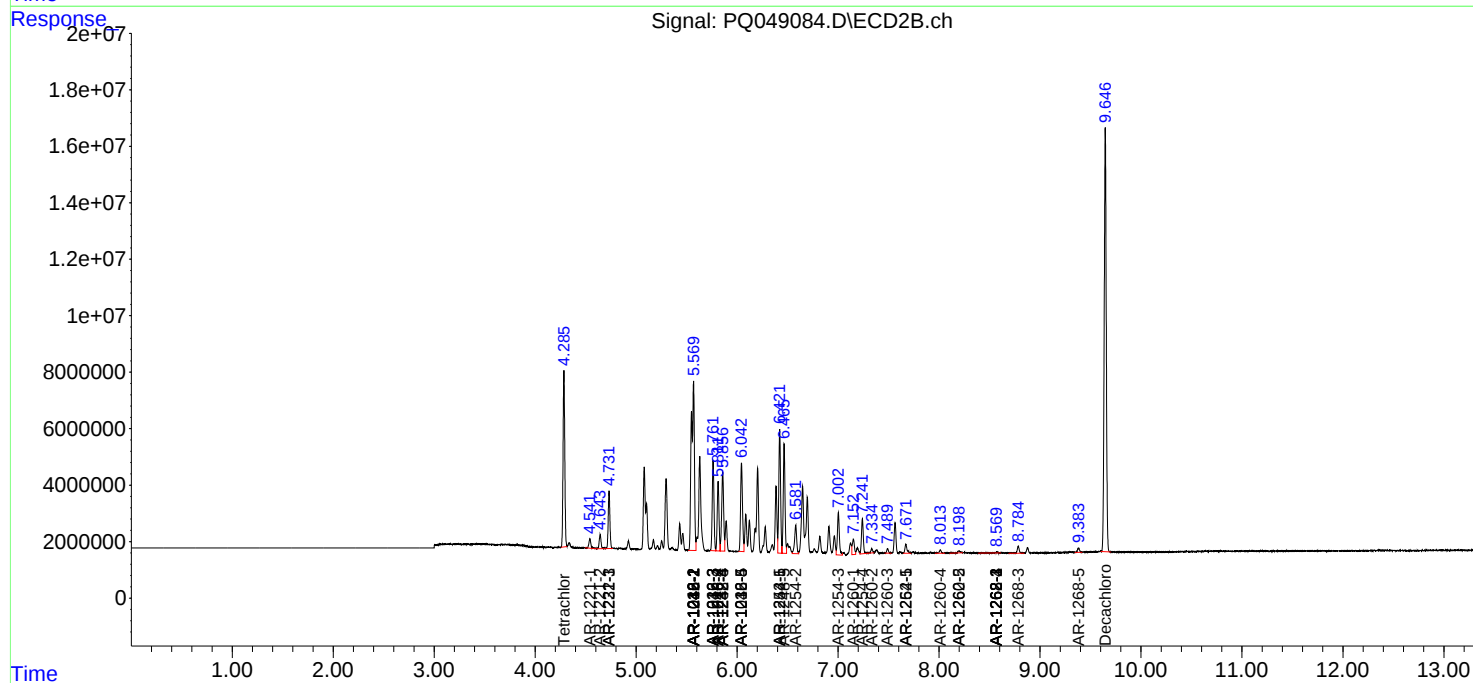
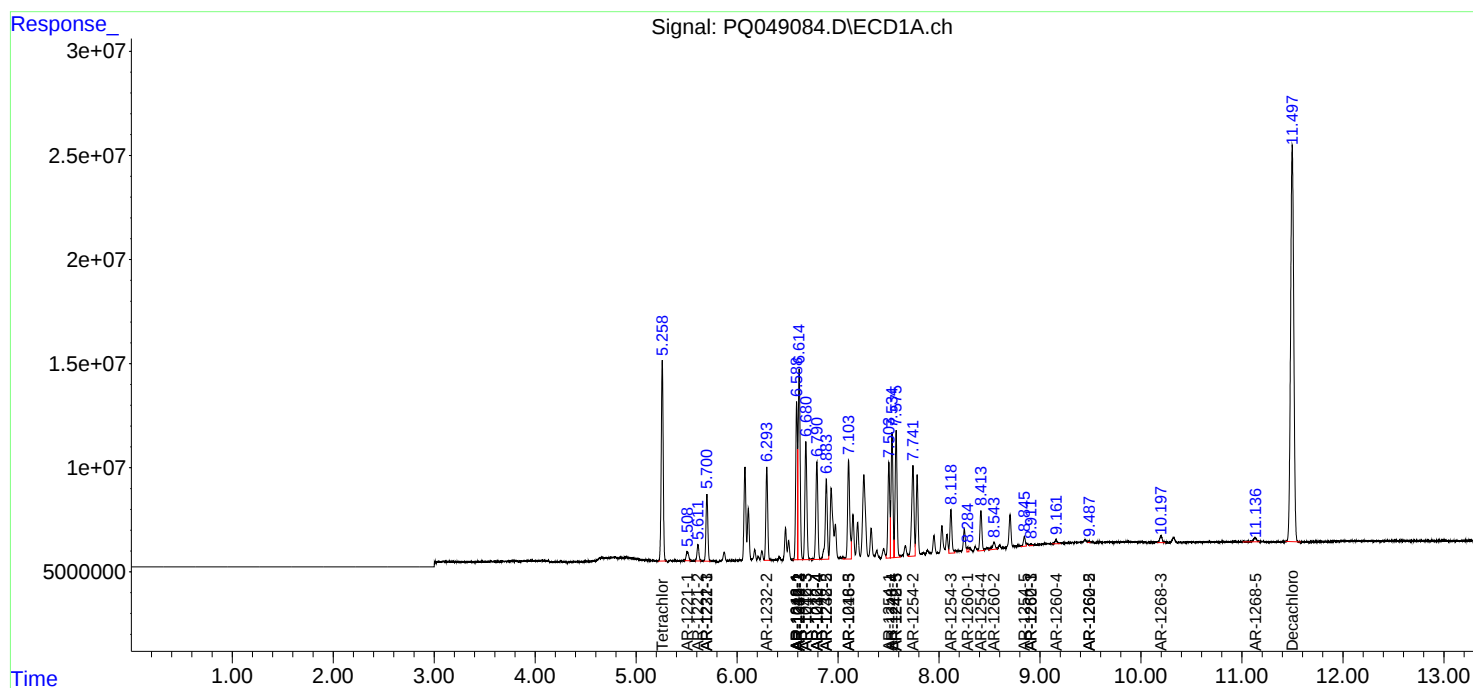
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

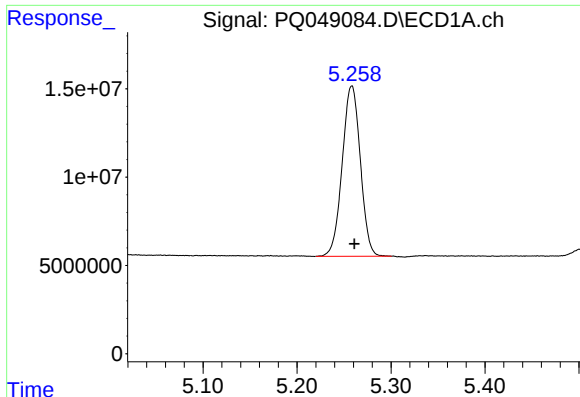
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080720\
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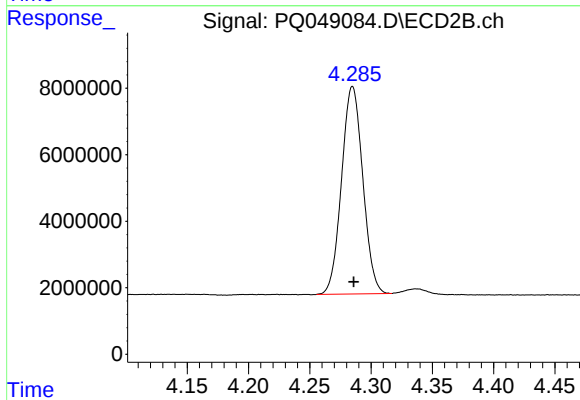




#1 Tetrachloro-m-xylene

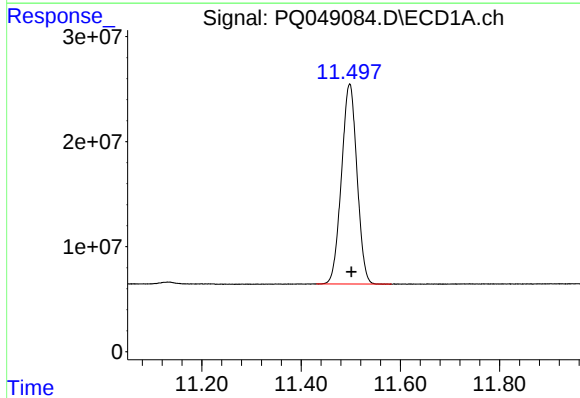
R.T.: 5.258 min
Delta R.T.: -0.003 min
Response: 129363445
Conc: 21.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



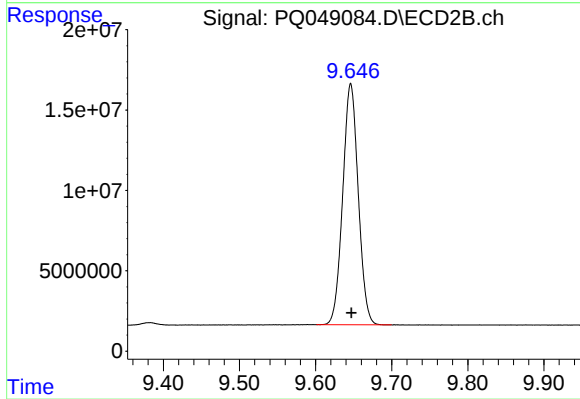
#1 Tetrachloro-m-xylene

R.T.: 4.285 min
Delta R.T.: -0.001 min
Response: 75323886
Conc: 21.25 ng/ml



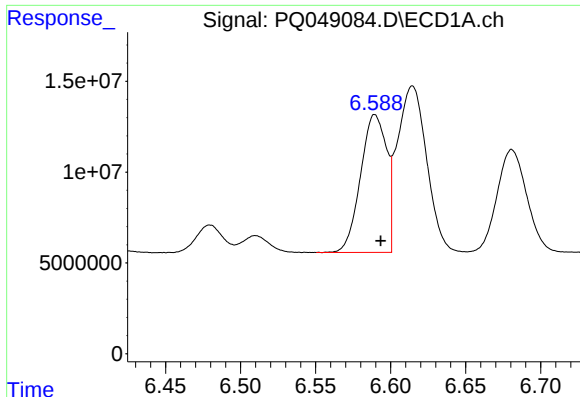
#2 Decachlorobiphenyl

R.T.: 11.498 min
Delta R.T.: -0.004 min
Response: 413087486
Conc: 43.98 ng/ml



#2 Decachlorobiphenyl

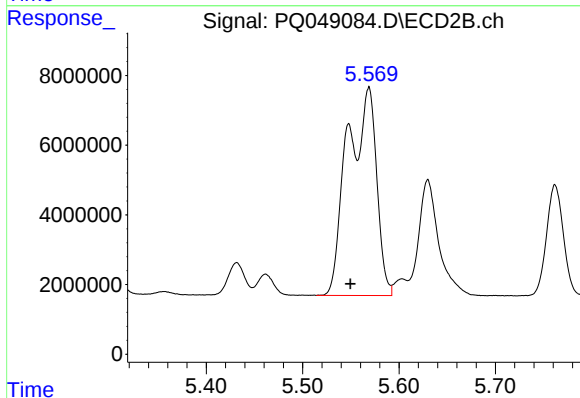
R.T.: 9.646 min
Delta R.T.: 0.000 min
Response: 212651682
Conc: 45.74 ng/ml



#3 AR-1016-1

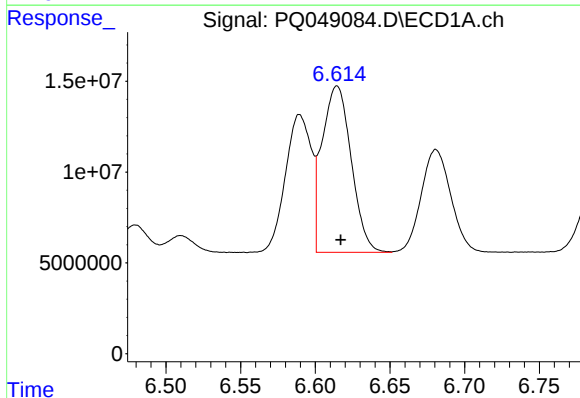
R.T.: 6.590 min
Delta R.T.: -0.004 min
Response: 91708886
Conc: 355.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



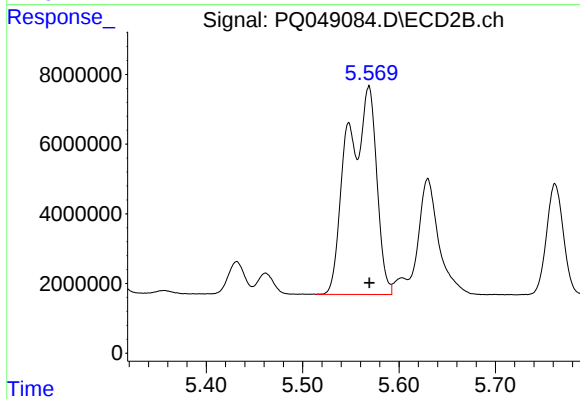
#3 AR-1016-1

R.T.: 5.569 min
Delta R.T.: 0.019 min
Response: 124505112
Conc: 806.56 ng/ml



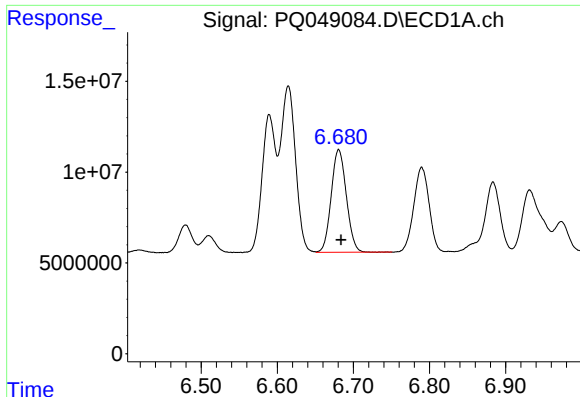
#4 AR-1016-2

R.T.: 6.615 min
Delta R.T.: -0.002 min
Response: 124168029
Conc: 348.04 ng/ml



#4 AR-1016-2

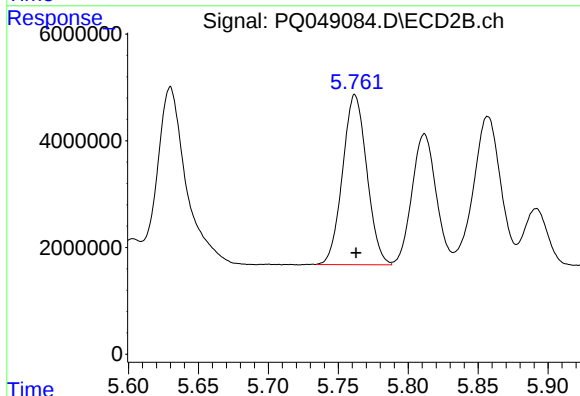
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 124505112
Conc: 595.91 ng/ml



#5 AR-1016-3

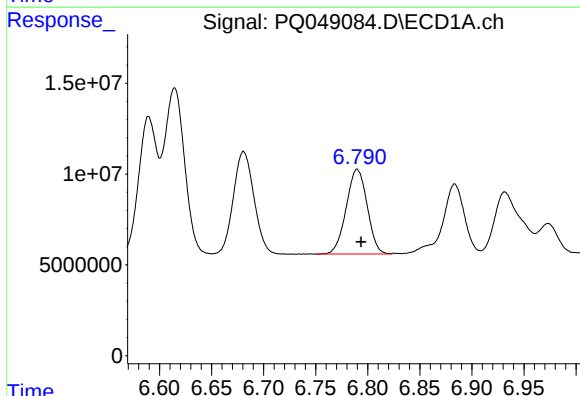
R.T.: 6.681 min
Delta R.T.: -0.003 min
Response: 77907882
Conc: 358.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



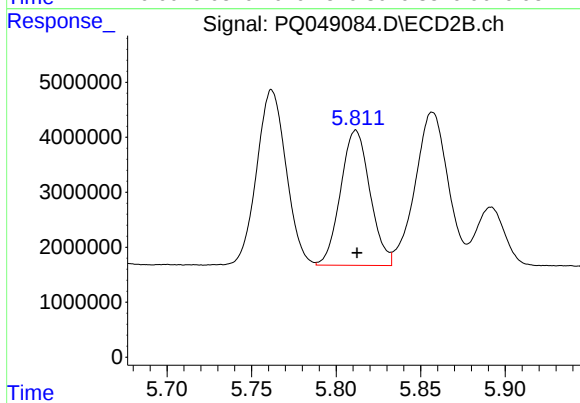
#5 AR-1016-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 38410544
Conc: 371.41 ng/ml



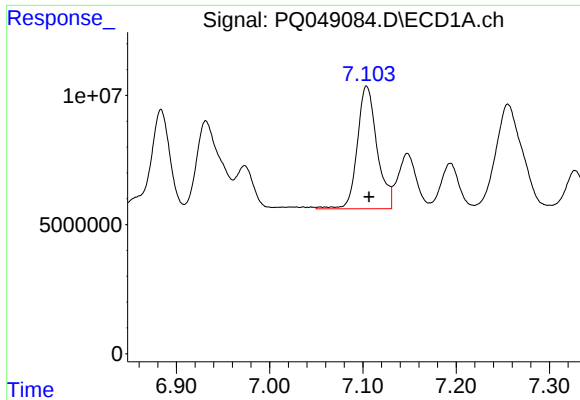
#6 AR-1016-4

R.T.: 6.790 min
Delta R.T.: -0.004 min
Response: 65420225
Conc: 366.63 ng/ml



#6 AR-1016-4

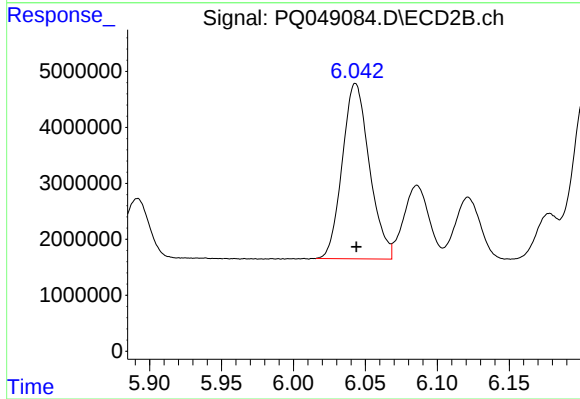
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 29728395
Conc: 366.26 ng/ml



#7 AR-1016-5

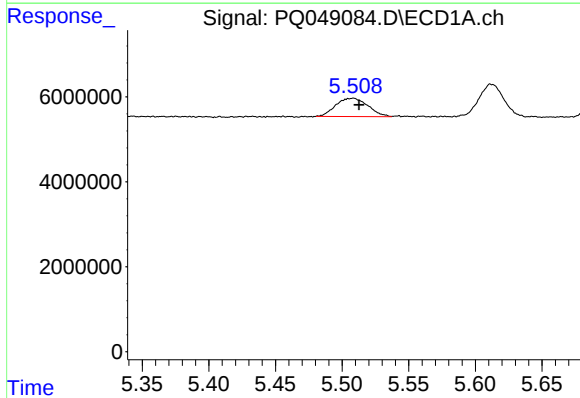
R.T.: 7.104 min
Delta R.T.: -0.003 min
Response: 69705350
Conc: 377.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



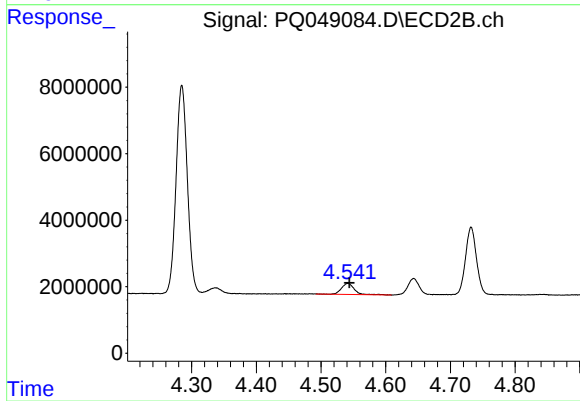
#7 AR-1016-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 41289961
Conc: 360.39 ng/ml



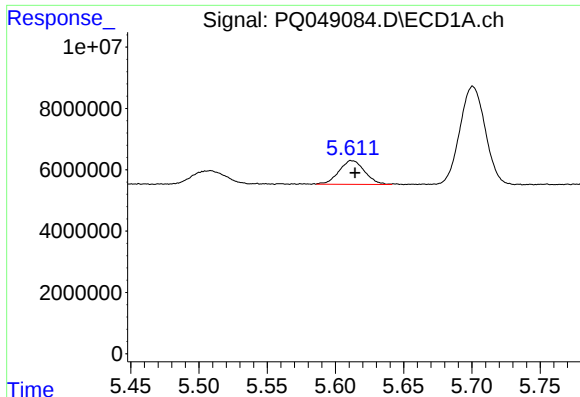
#8 AR-1221-1

R.T.: 5.509 min
Delta R.T.: -0.004 min
Response: 7301520
Conc: 97.65 ng/ml



#8 AR-1221-1

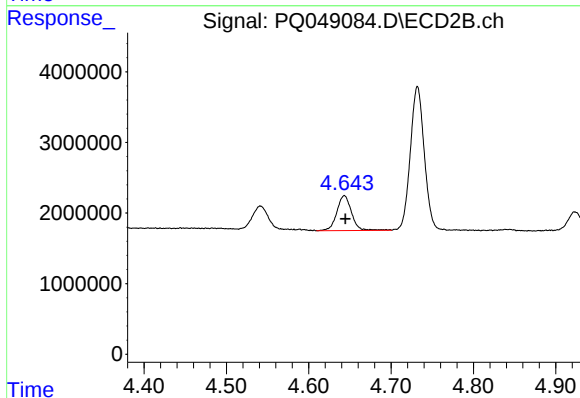
R.T.: 4.541 min
Delta R.T.: -0.003 min
Response: 4515319
Conc: 99.03 ng/ml



#9 AR-1221-2

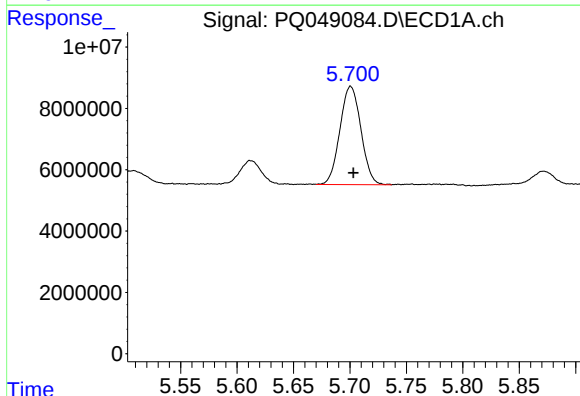
R.T.: 5.611 min
Delta R.T.: -0.003 min
Response: 10166016
Conc: 176.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



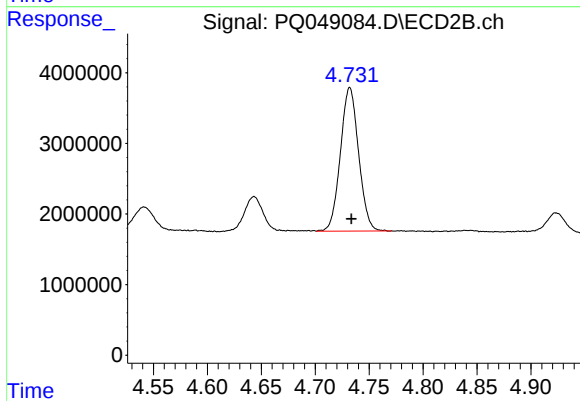
#9 AR-1221-2

R.T.: 4.643 min
Delta R.T.: -0.001 min
Response: 6123859
Conc: 190.83 ng/ml



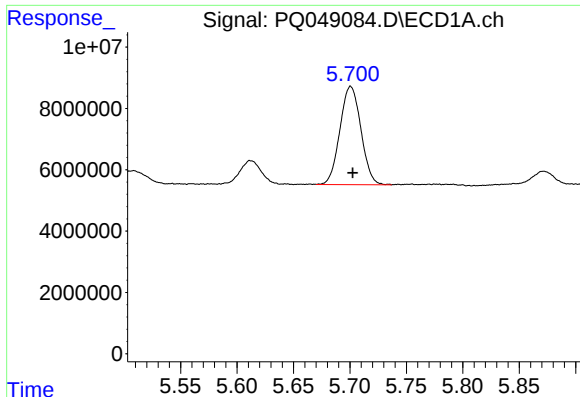
#10 AR-1221-3

R.T.: 5.701 min
Delta R.T.: -0.003 min
Response: 41587410
Conc: 222.26 ng/ml



#10 AR-1221-3

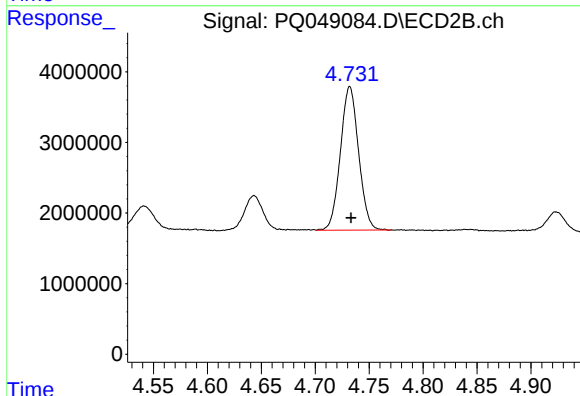
R.T.: 4.732 min
Delta R.T.: -0.002 min
Response: 23861469
Conc: 218.33 ng/ml



#11 AR-1232-1

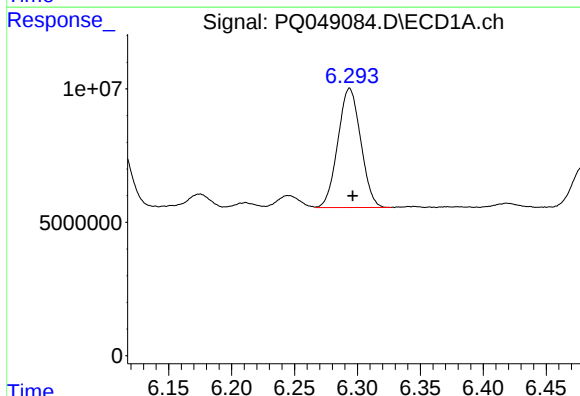
R.T.: 5.701 min
Delta R.T.: -0.002 min
Response: 41587410
Conc: 276.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



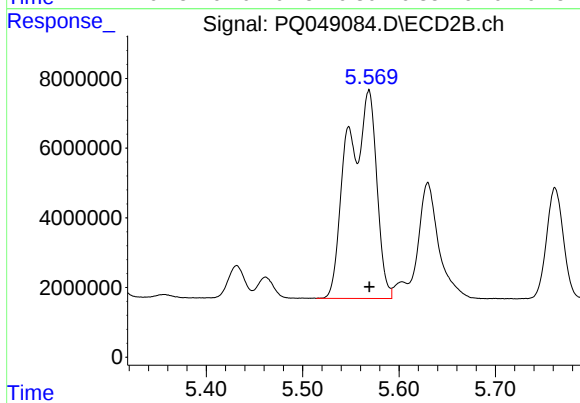
#11 AR-1232-1

R.T.: 4.732 min
Delta R.T.: -0.001 min
Response: 23861469
Conc: 274.15 ng/ml



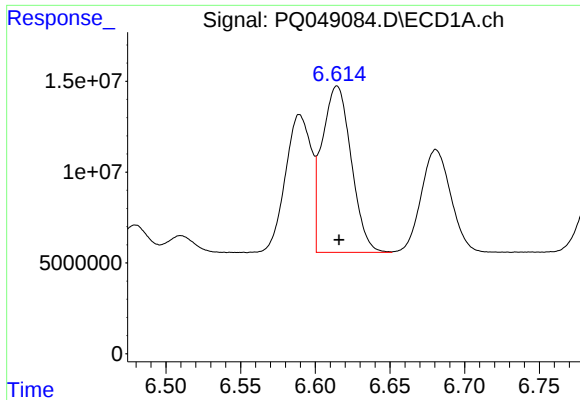
#12 AR-1232-2

R.T.: 6.294 min
Delta R.T.: -0.002 min
Response: 56444601
Conc: 721.67 ng/ml



#12 AR-1232-2

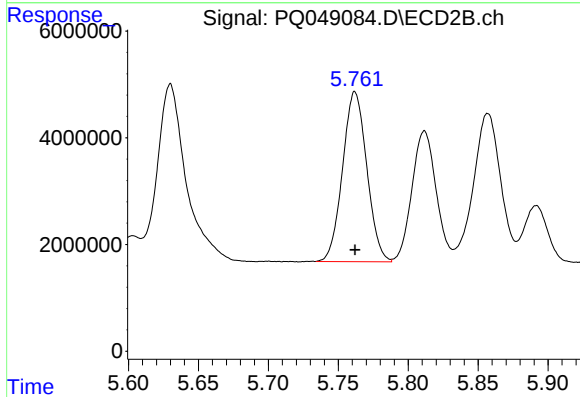
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 124505112
Conc: 1272.06 ng/ml



#13 AR-1232-3

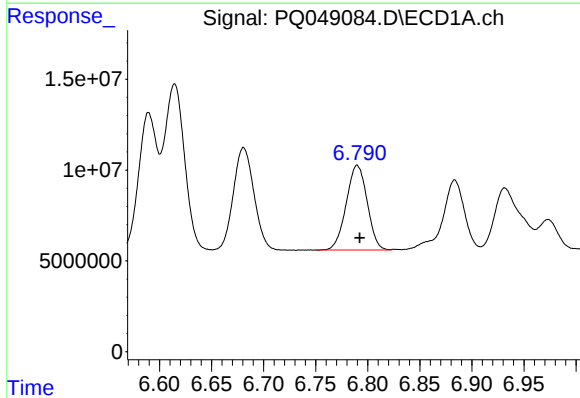
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 124168029
Conc: 739.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :



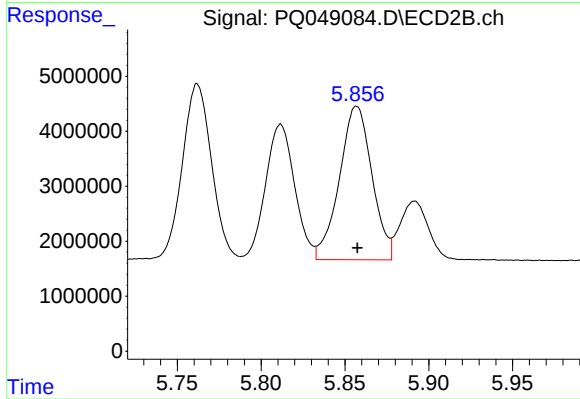
#13 AR-1232-3

R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 38410544
Conc: 797.96 ng/ml



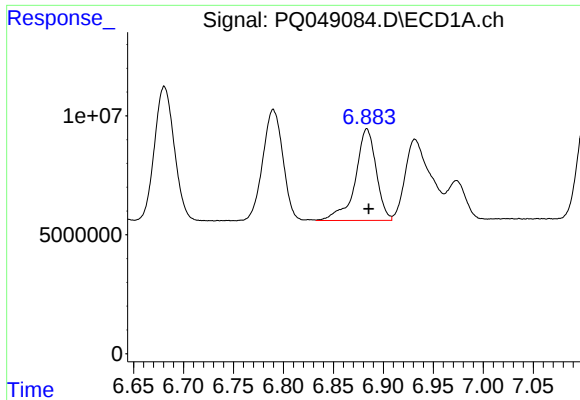
#14 AR-1232-4

R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 65420225
Conc: 773.45 ng/ml



#14 AR-1232-4

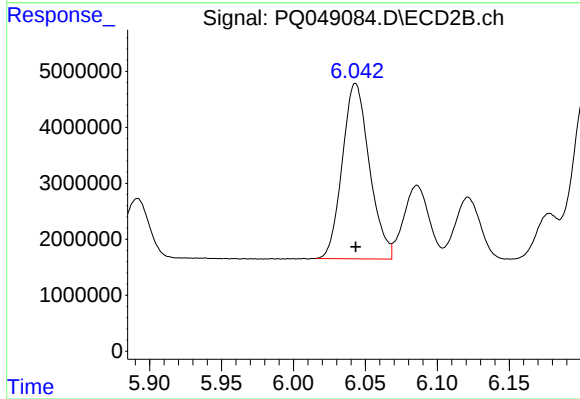
R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37803868
Conc: 873.89 ng/ml



#15 AR-1232-5

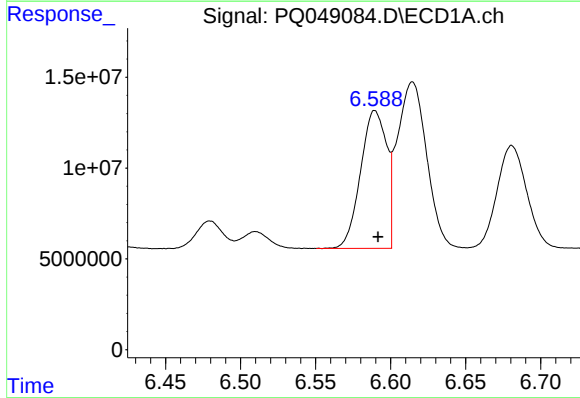
R.T.: 6.883 min
Delta R.T.: -0.002 min
Response: 56072164
Conc: 891.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



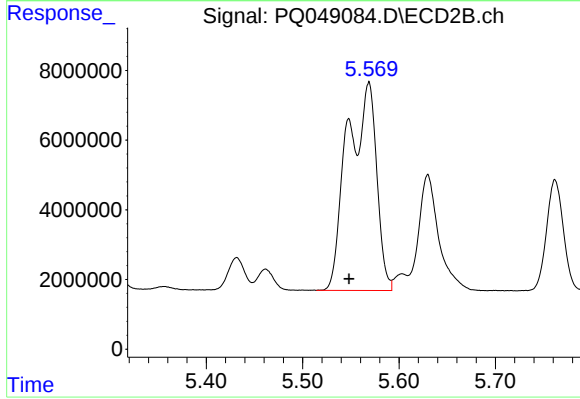
#15 AR-1232-5

R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 41289961
Conc: 830.45 ng/ml



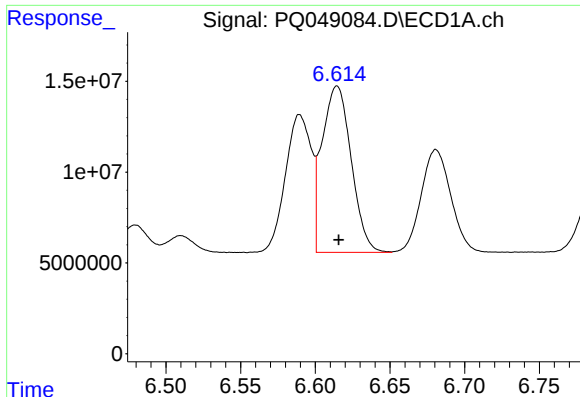
#16 AR-1242-1

R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 91708886
Conc: 390.43 ng/ml



#16 AR-1242-1

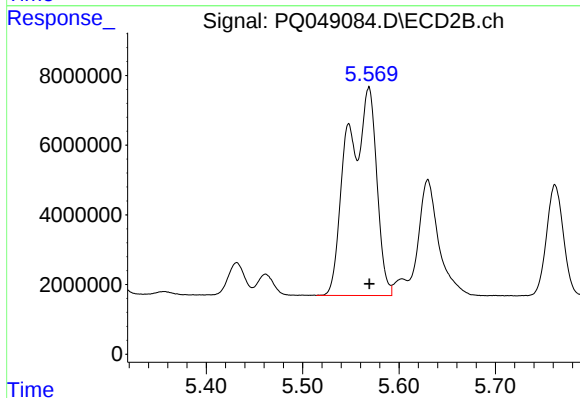
R.T.: 5.569 min
Delta R.T.: 0.020 min
Response: 124505112
Conc: 896.00 ng/ml



#17 AR-1242-2

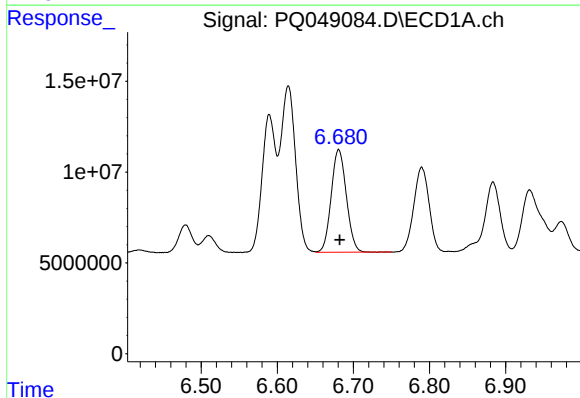
R.T.: 6.615 min
Delta R.T.: -0.001 min
Response: 124168029
Conc: 387.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



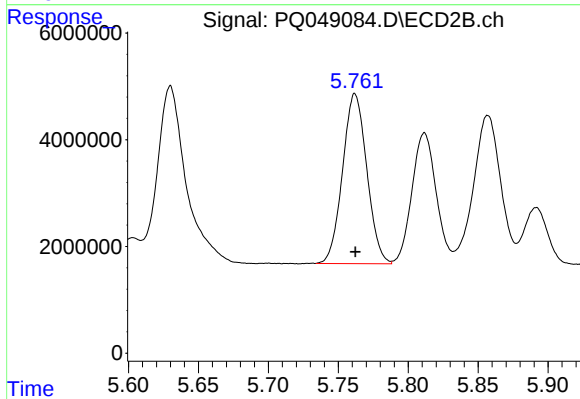
#17 AR-1242-2

R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 124505112
Conc: 662.70 ng/ml



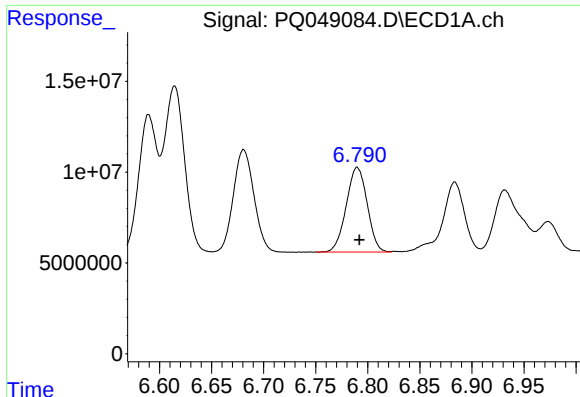
#18 AR-1242-3

R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 77907882
Conc: 391.61 ng/ml



#18 AR-1242-3

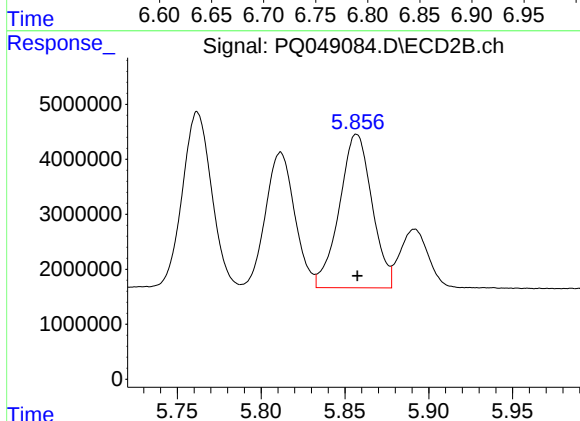
R.T.: 5.762 min
Delta R.T.: 0.000 min
Response: 38410544
Conc: 399.75 ng/ml



#19 AR-1242-4

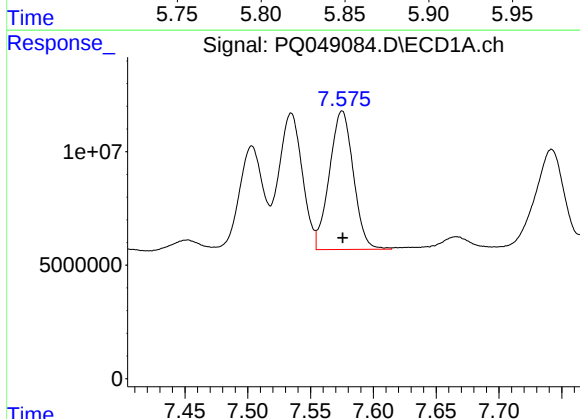
R.T.: 6.790 min
Delta R.T.: -0.002 min
Response: 65420225
Conc: 392.20 ng/ml

Instrument :
ECD_Q
ClientSampleId :



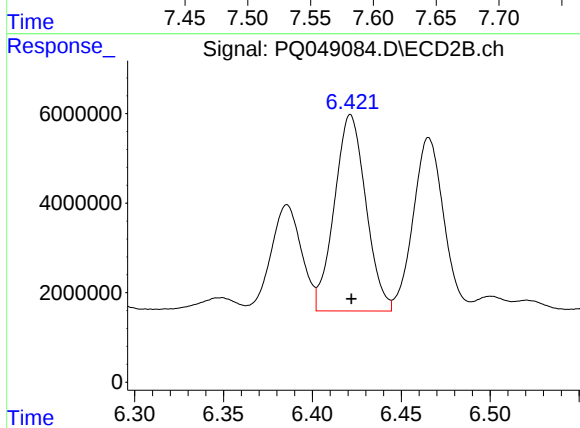
#19 AR-1242-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37803868
Conc: 398.47 ng/ml



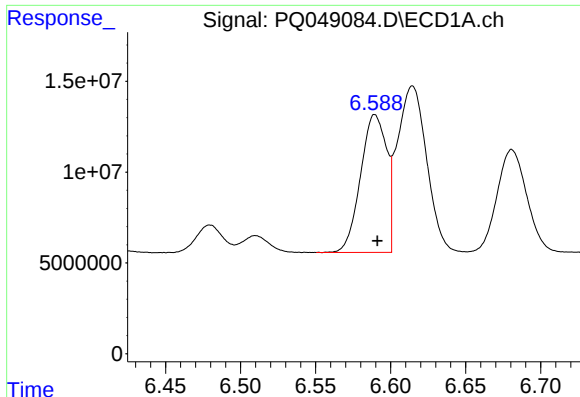
#20 AR-1242-5

R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 81197210
Conc: 398.90 ng/ml



#20 AR-1242-5

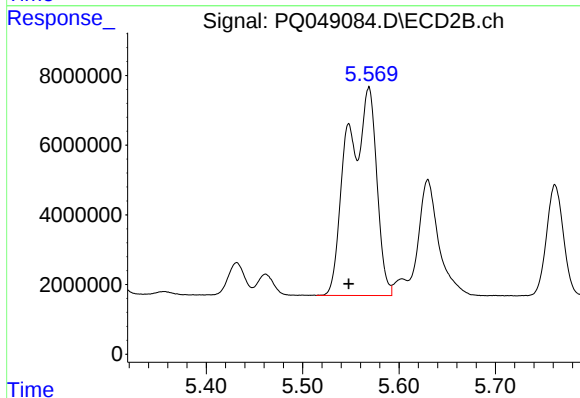
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 54073590
Conc: 388.82 ng/ml



#21 AR-1248-1

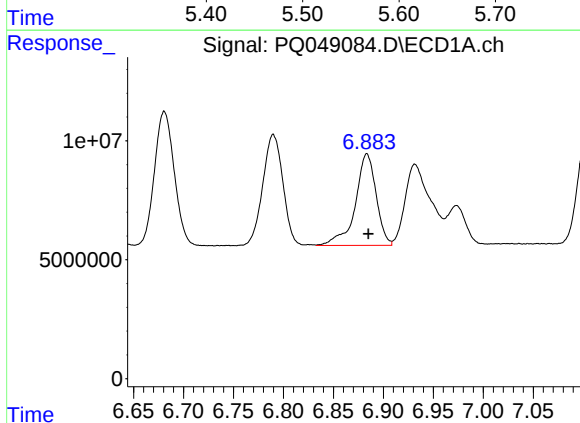
R.T.: 6.590 min
Delta R.T.: -0.002 min
Response: 91708886
Conc: 546.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



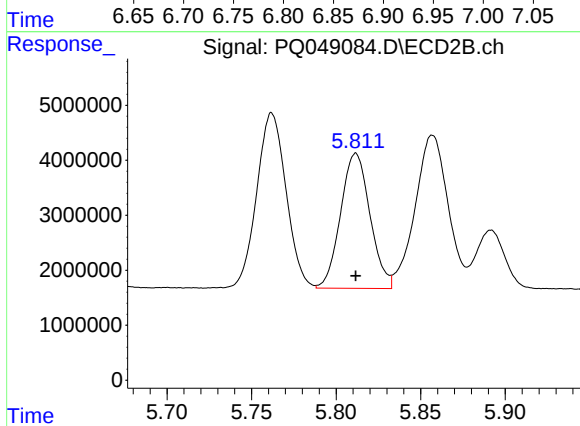
#21 AR-1248-1

R.T.: 5.569 min
Delta R.T.: 0.021 min
Response: 124505112
Conc: 1227.76 ng/ml



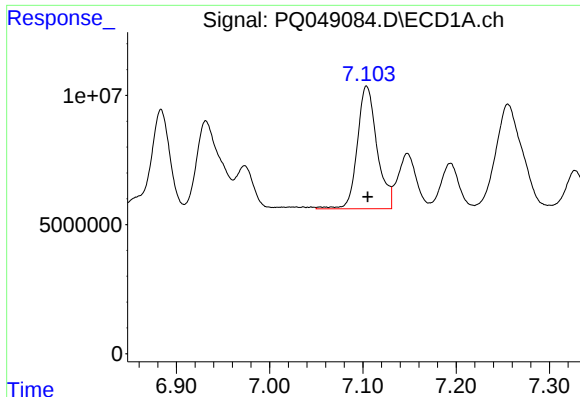
#22 AR-1248-2

R.T.: 6.883 min
Delta R.T.: -0.001 min
Response: 56072164
Conc: 248.91 ng/ml



#22 AR-1248-2

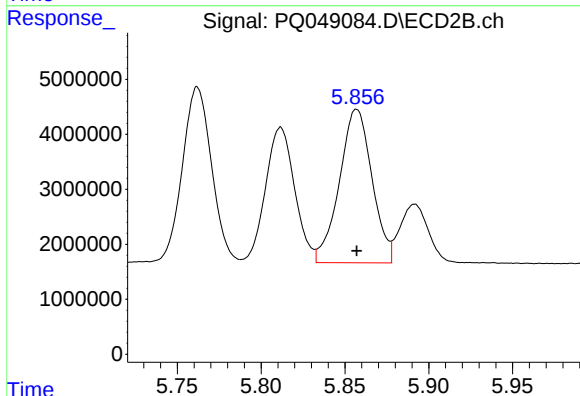
R.T.: 5.812 min
Delta R.T.: 0.000 min
Response: 29728395
Conc: 238.17 ng/ml



#23 AR-1248-3

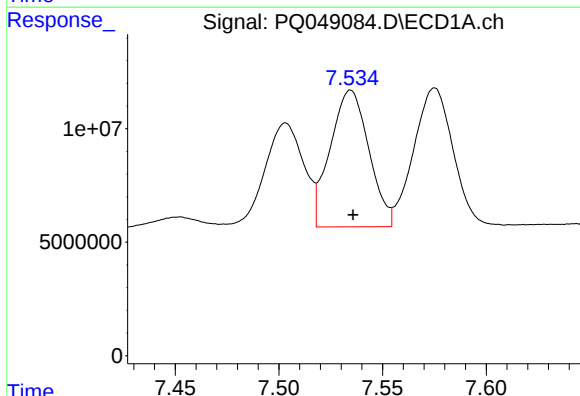
R.T.: 7.104 min
Delta R.T.: -0.001 min
Response: 69705350
Conc: 272.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



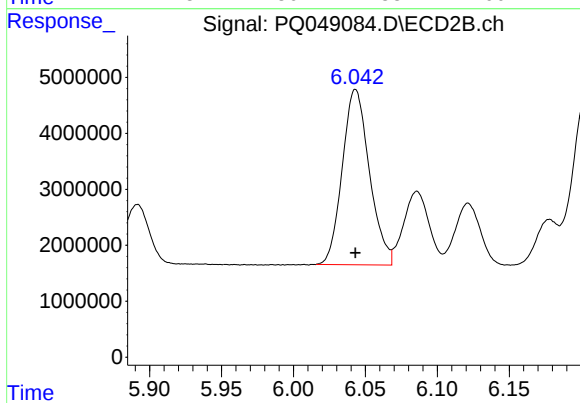
#23 AR-1248-3

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 37803868
Conc: 293.37 ng/ml



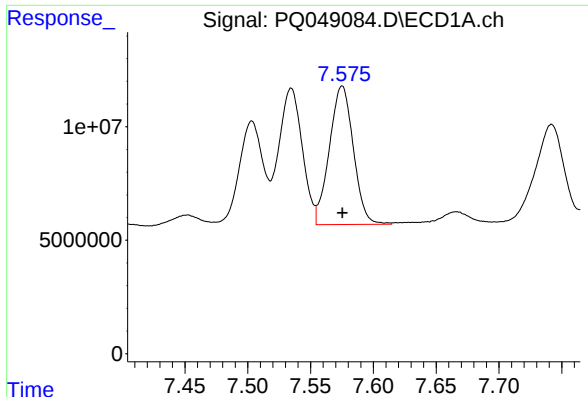
#24 AR-1248-4

R.T.: 7.535 min
Delta R.T.: -0.001 min
Response: 78273814
Conc: 245.07 ng/ml



#24 AR-1248-4

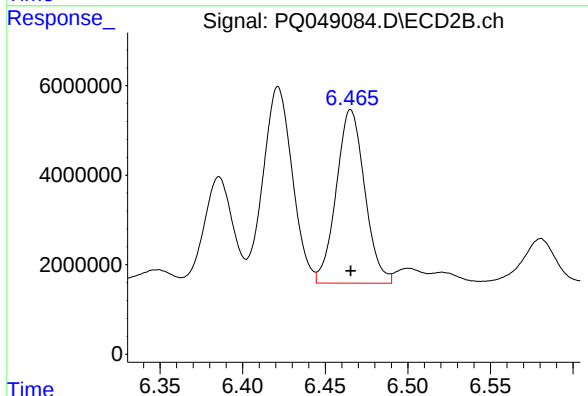
R.T.: 6.043 min
Delta R.T.: 0.000 min
Response: 41289961
Conc: 258.28 ng/ml



#25 AR-1248-5

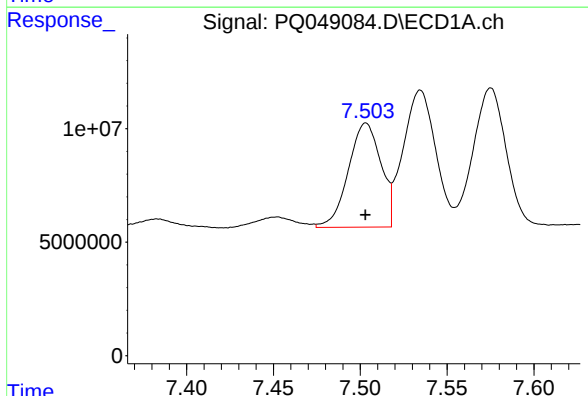
R.T.: 7.575 min
Delta R.T.: 0.000 min
Response: 81197210
Conc: 268.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



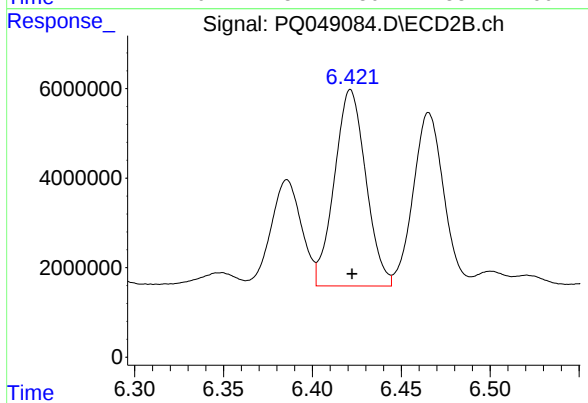
#25 AR-1248-5

R.T.: 6.466 min
Delta R.T.: 0.000 min
Response: 46540235
Conc: 269.21 ng/ml



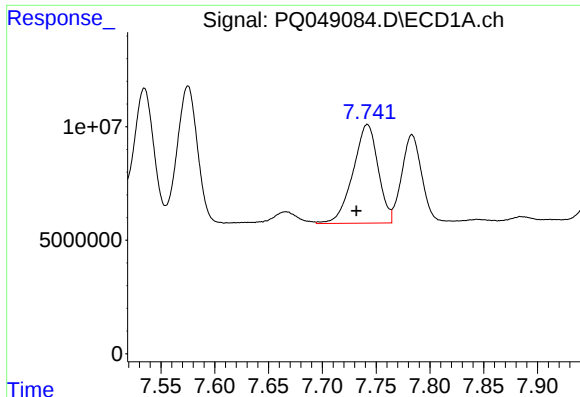
#26 AR-1254-1

R.T.: 7.503 min
Delta R.T.: 0.000 min
Response: 59869206
Conc: 185.74 ng/ml



#26 AR-1254-1

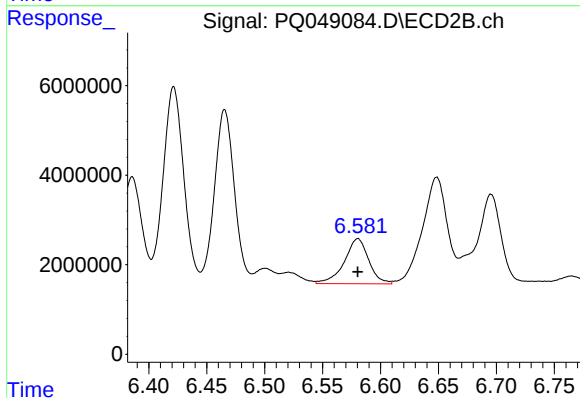
R.T.: 6.422 min
Delta R.T.: 0.000 min
Response: 54073590
Conc: 198.78 ng/ml



#27 AR-1254-2

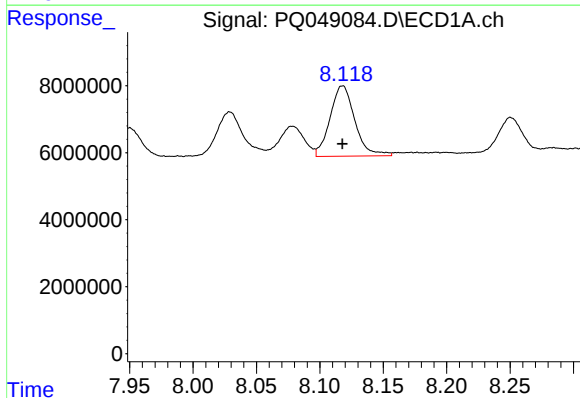
R.T.: 7.742 min
Delta R.T.: 0.010 min
Response: 70640221
Conc: 139.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :



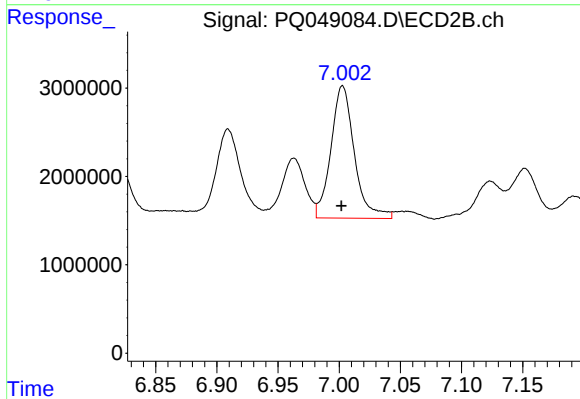
#27 AR-1254-2

R.T.: 6.580 min
Delta R.T.: 0.000 min
Response: 14803894
Conc: 60.68 ng/ml



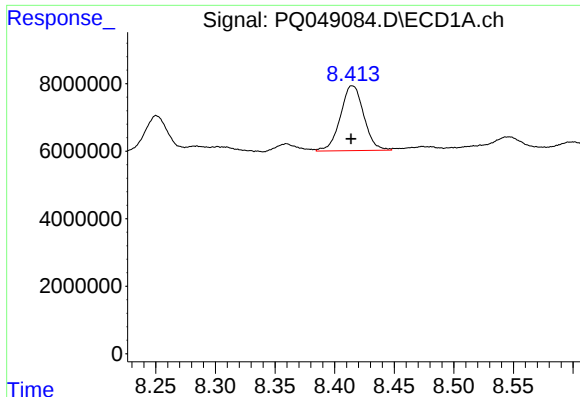
#28 AR-1254-3

R.T.: 8.118 min
Delta R.T.: 0.000 min
Response: 28615074
Conc: 53.52 ng/ml



#28 AR-1254-3

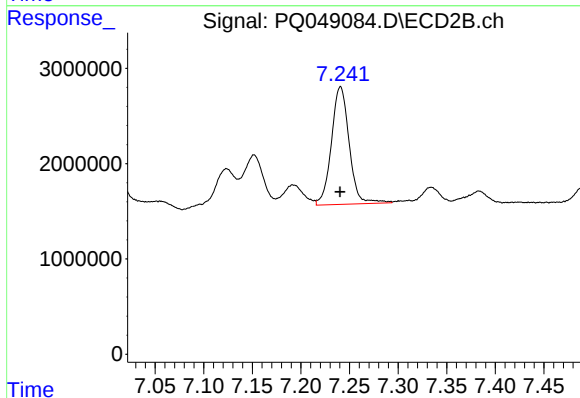
R.T.: 7.003 min
Delta R.T.: 0.000 min
Response: 20041516
Conc: 49.70 ng/ml



#29 AR-1254-4

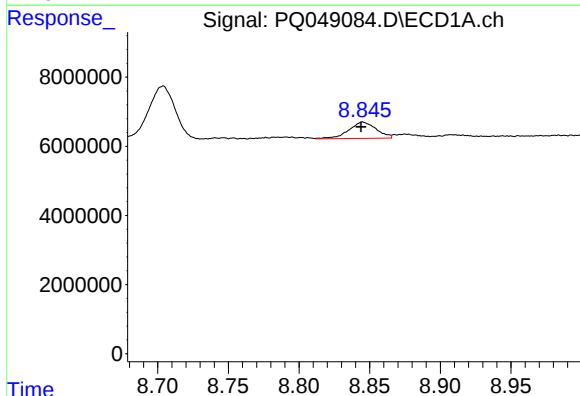
R.T.: 8.415 min
Delta R.T.: 0.001 min
Response: 26223960
Conc: 56.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



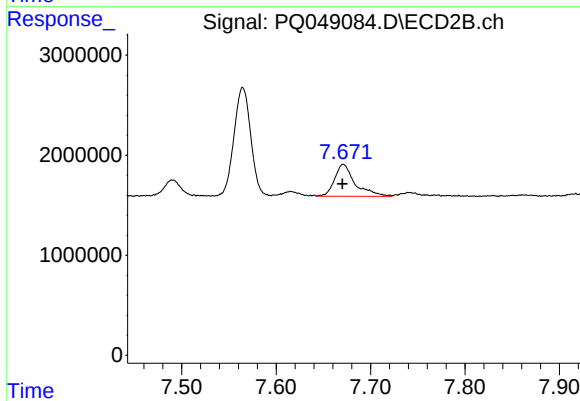
#29 AR-1254-4

R.T.: 7.241 min
Delta R.T.: 0.000 min
Response: 15725061
Conc: 58.30 ng/ml



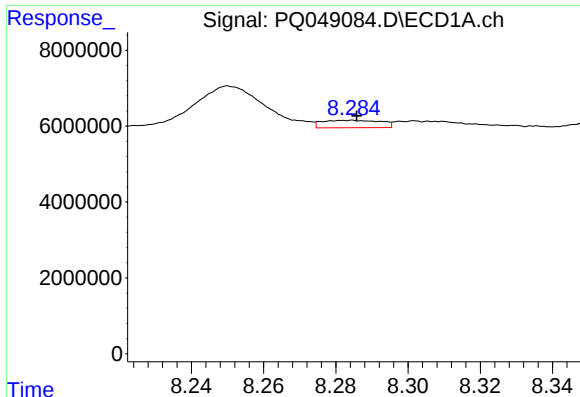
#30 AR-1254-5

R.T.: 8.845 min
Delta R.T.: 0.001 min
Response: 6406901
Conc: 13.35 ng/ml



#30 AR-1254-5

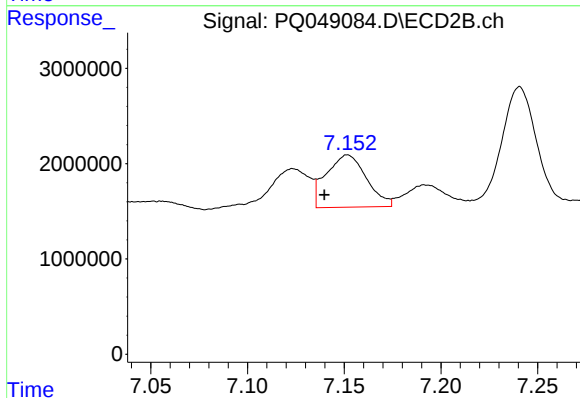
R.T.: 7.671 min
Delta R.T.: 0.001 min
Response: 4797967
Conc: 13.03 ng/ml



#31 AR-1260-1

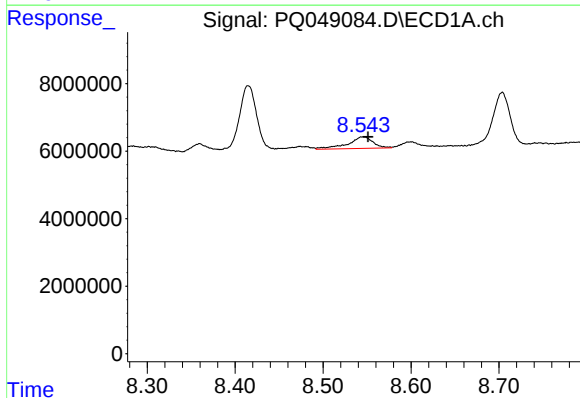
R.T.: 8.284 min
Delta R.T.: -0.002 min
Response: 2191469
Conc: 5.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :



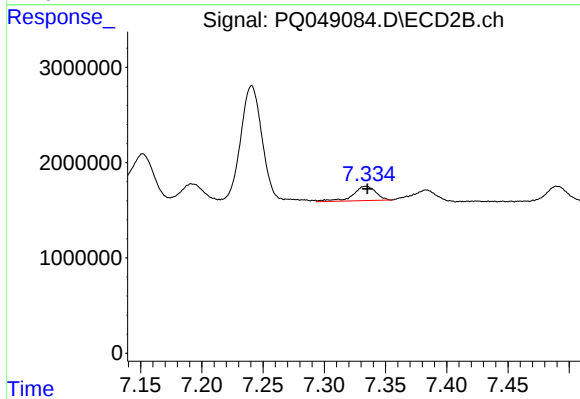
#31 AR-1260-1

R.T.: 7.152 min
Delta R.T.: 0.012 min
Response: 7937659
Conc: 34.80 ng/ml



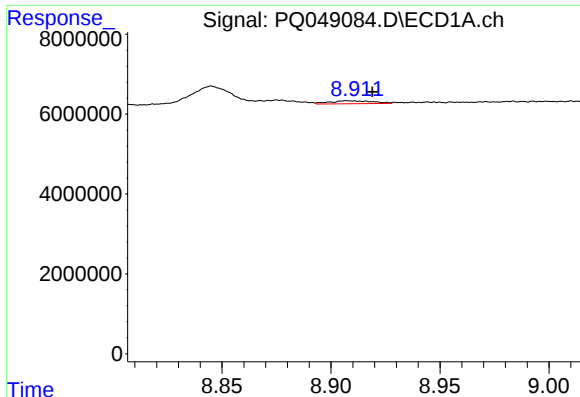
#32 AR-1260-2

R.T.: 8.546 min
Delta R.T.: -0.005 min
Response: 6877227
Conc: 13.83 ng/ml



#32 AR-1260-2

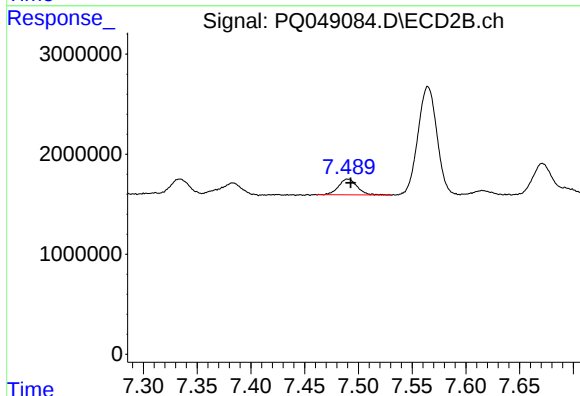
R.T.: 7.334 min
Delta R.T.: -0.001 min
Response: 1945698
Conc: 6.72 ng/ml



#33 AR-1260-3

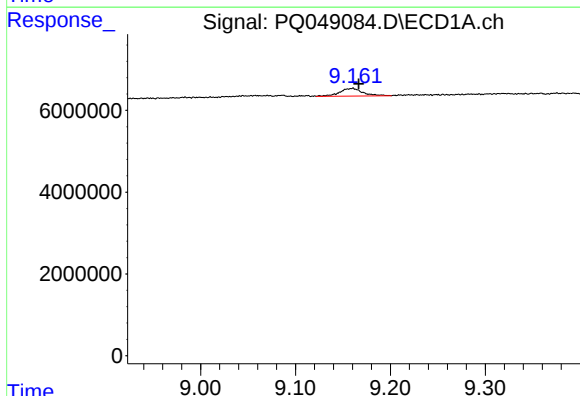
R.T.: 8.908 min
Delta R.T.: -0.011 min
Response: 995475
Conc: 2.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



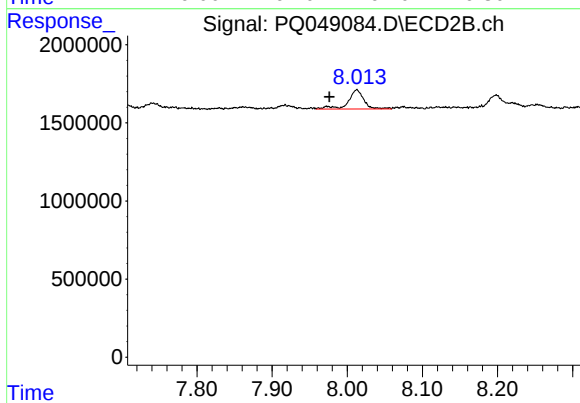
#33 AR-1260-3

R.T.: 7.490 min
Delta R.T.: -0.003 min
Response: 1896186
Conc: 7.33 ng/ml



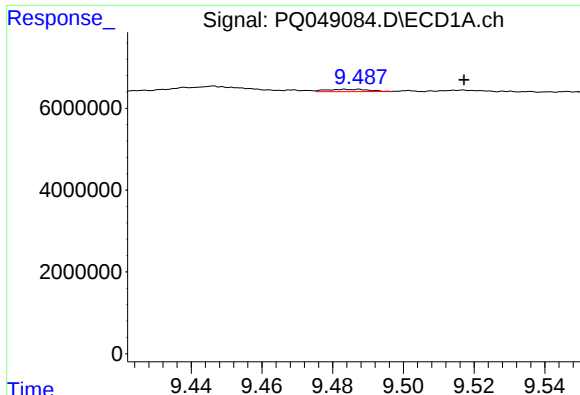
#34 AR-1260-4

R.T.: 9.160 min
Delta R.T.: -0.006 min
Response: 3222528
Conc: 7.73 ng/ml



#34 AR-1260-4

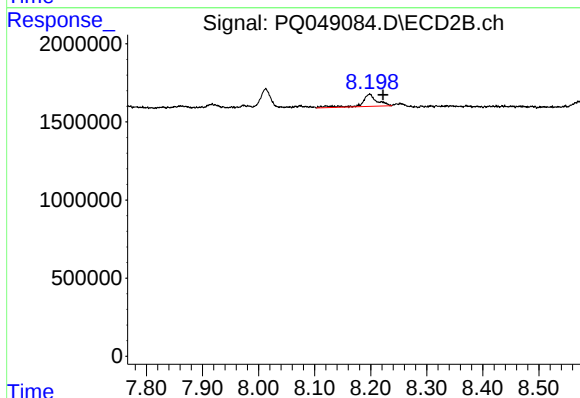
R.T.: 8.013 min
Delta R.T.: 0.036 min
Response: 1781962
Conc: 7.82 ng/ml



#35 AR-1260-5

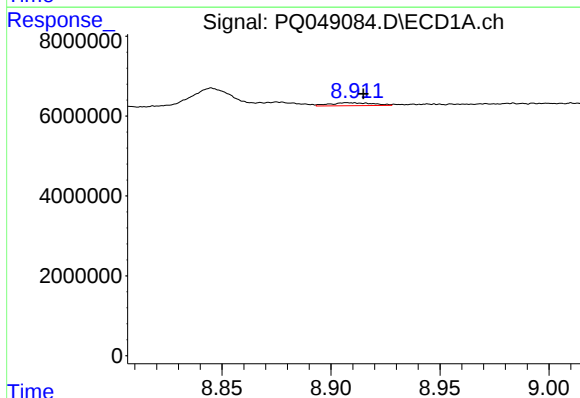
R.T.: 9.484 min
Delta R.T.: -0.033 min
Response: 460702
Conc: 0.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



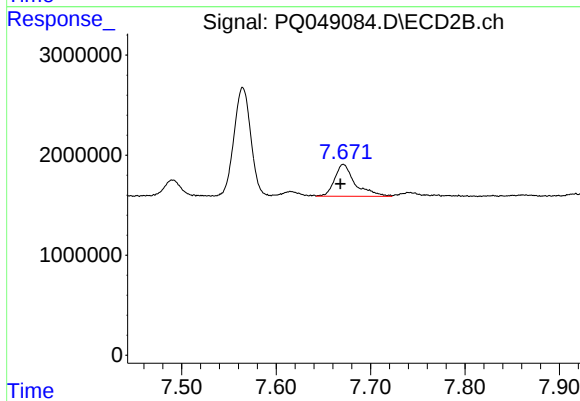
#35 AR-1260-5

R.T.: 8.198 min
Delta R.T.: -0.024 min
Response: 1429482
Conc: 2.41 ng/ml



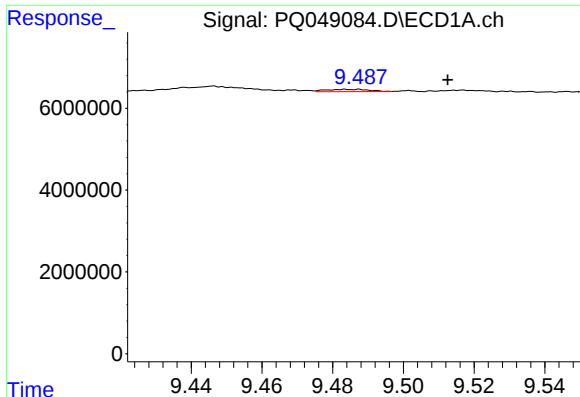
#36 AR-1262-1

R.T.: 8.908 min
Delta R.T.: -0.007 min
Response: 995475
Conc: 1.38 ng/ml



#36 AR-1262-1

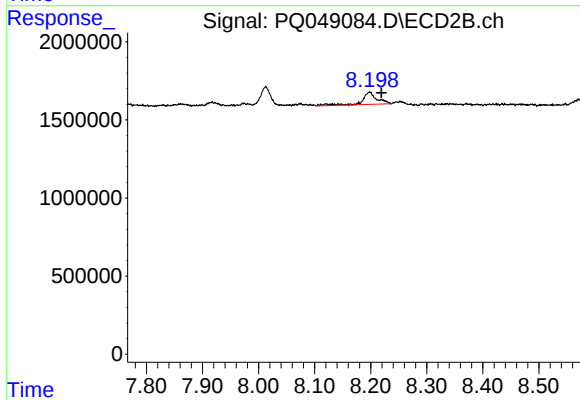
R.T.: 7.671 min
Delta R.T.: 0.003 min
Response: 4797967
Conc: 22.99 ng/ml



#37 AR-1262-2

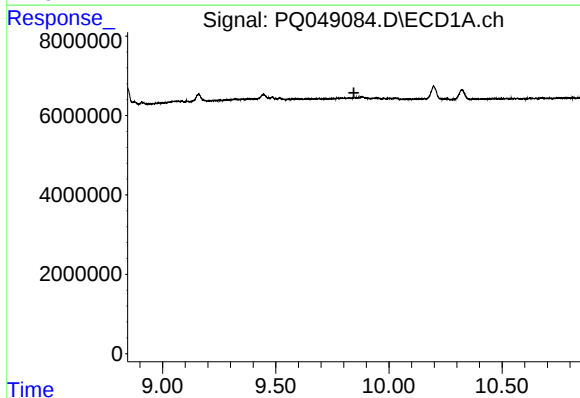
R.T.: 9.484 min
Delta R.T.: -0.029 min
Response: 460702
Conc: 0.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



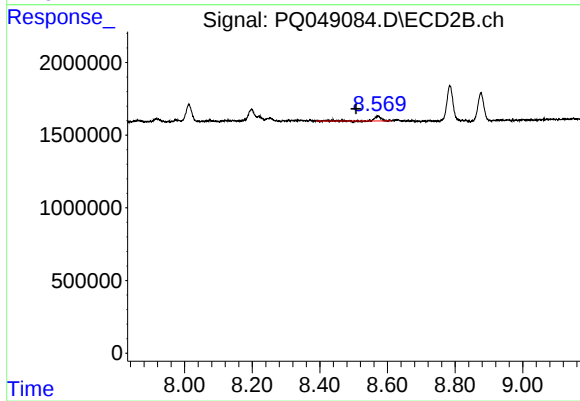
#37 AR-1262-2

R.T.: 8.198 min
Delta R.T.: -0.021 min
Response: 1429482
Conc: 1.81 ng/ml



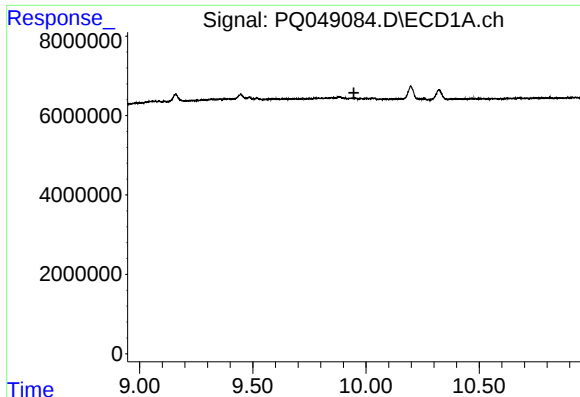
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T. : 9.845 min
Response: 0
Conc: N.D.



#38 AR-1262-3

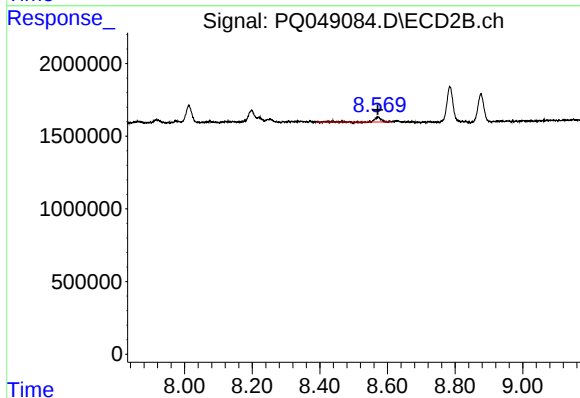
R.T.: 8.572 min
Delta R.T.: 0.065 min
Response: 457490
Conc: 1.42 ng/ml



#39 AR-1262-4

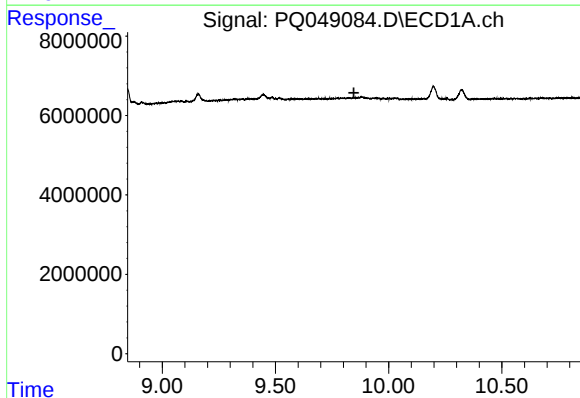
R.T.: 0.000 min
Exp R.T. : 9.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



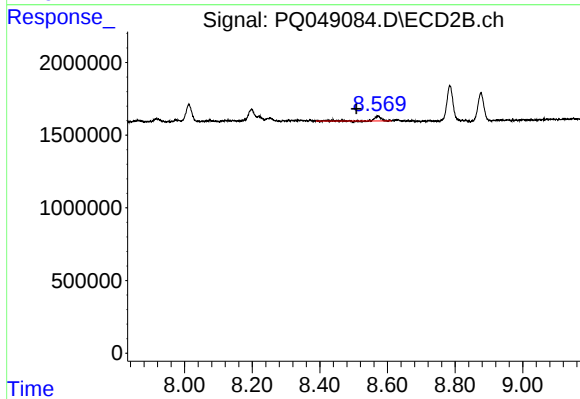
#39 AR-1262-4

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 457490
Conc: 0.78 ng/ml



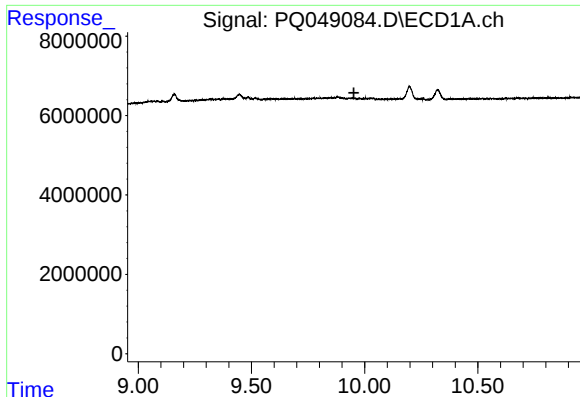
#41 AR-1268-1

R.T.: 0.000 min
Exp R.T. : 9.846 min
Response: 0
Conc: N.D.



#41 AR-1268-1

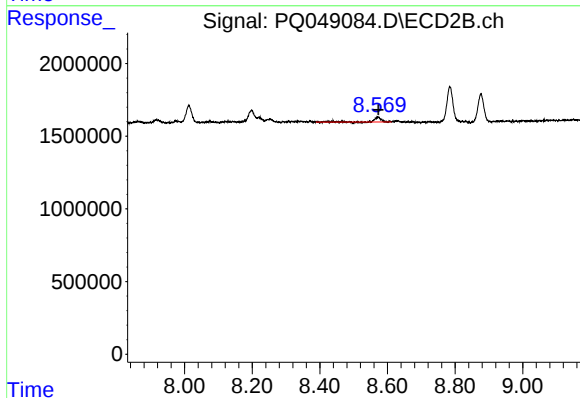
R.T.: 8.572 min
Delta R.T.: 0.064 min
Response: 457490
Conc: 0.49 ng/ml



#42 AR-1268-2

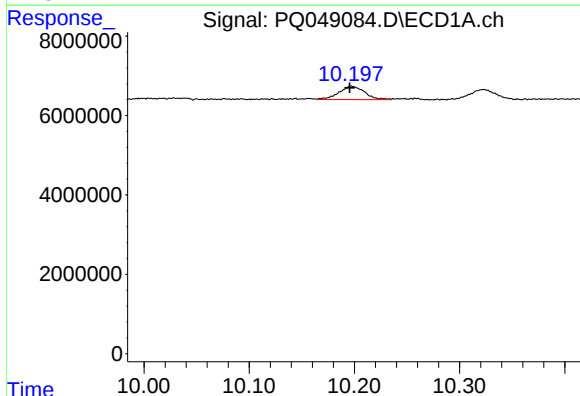
R.T.: 0.000 min
Exp R.T.: 9.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :



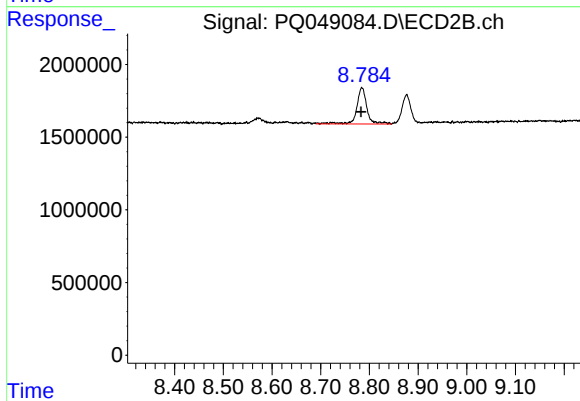
#42 AR-1268-2

R.T.: 8.572 min
Delta R.T.: 0.000 min
Response: 457490
Conc: 0.53 ng/ml



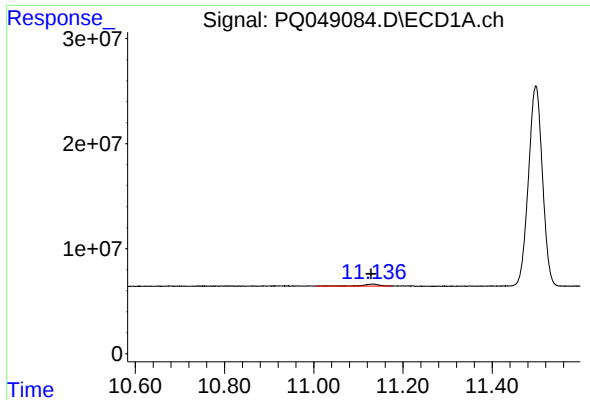
#43 AR-1268-3

R.T.: 10.197 min
Delta R.T.: 0.001 min
Response: 5795730
Conc: 4.19 ng/ml



#43 AR-1268-3

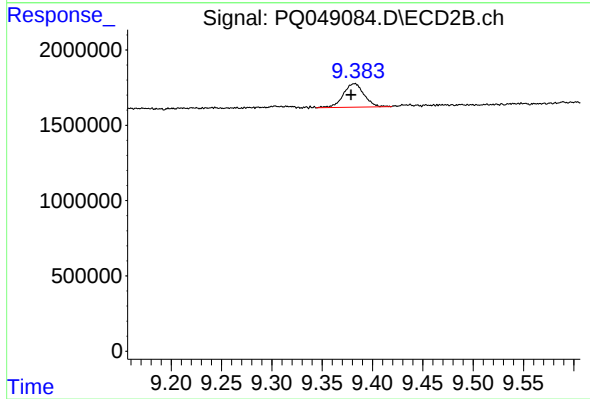
R.T.: 8.785 min
Delta R.T.: 0.002 min
Response: 3622738
Conc: 5.03 ng/ml



#45 AR-1268-5

R.T.: 11.131 min
Delta R.T.: 0.003 min
Response: 4821931
Conc: 1.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 9.382 min
Delta R.T.: 0.003 min
Response: 2239508
Conc: 0.97 ng/ml