

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111018\
 Data File : PQ034382.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Nov 2018 08:00
 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:41:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 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...	4.548	3.827	140.6E6	94478719	47.968	49.500
2)	SA Decachlor...	10.350	8.857	129.9E6	97640787	50.597	49.687
Target Compounds							
3)	L1 AR-1016-1	5.722	4.915	46281897	32923071	488.299	466.090
4)	L1 AR-1016-2	5.745	4.934	68422148	48159662	484.726	477.724
5)	L1 AR-1016-3	5.807	5.112	40113570	24690965	472.074	480.799
6)	L1 AR-1016-4	5.907	5.151	31199350	19583005	459.564	475.841
7)	L1 AR-1016-5	6.200	5.366	29986841	25621417	425.103	480.406
8)	L2 AR-1221-1	4.753	4.039	3764965	2339736	131.456	111.639
9)	L2 AR-1221-2	4.846	4.127	5499732	3747560	258.100	242.269
10)	L2 AR-1221-3	4.923	4.203	21424001	15302482	315.339	299.804
11)	L3 AR-1232-1	4.923	4.203	21424001	15302482	415.675	404.431
12)	L3 AR-1232-2	5.454	4.934	32180538	48159662	1145.660	1211.746
13)	L3 AR-1232-3	5.745	5.112	68422148	24690965	1204.007	1200.115
14)	L3 AR-1232-4	5.907	5.193	31199350	23907299	1117.271	1290.169
15)	L3 AR-1232-5	5.993	5.366	28340915	25621417	1412.048	1267.851
16)	L4 AR-1242-1	5.722	4.915	46281897	32923071	588.862	595.702
17)	L4 AR-1242-2	5.745	4.934	68422148	48159662	585.257	602.327
18)	L4 AR-1242-3	5.807	5.112	40113570	24690965	567.084	598.110
19)	L4 AR-1242-4	5.907	5.193	31199350	23907299	543.465	594.057
20)	L4 AR-1242-5	6.643	5.717	8797260	29893809	136.107	572.524 #
21)	L5 AR-1248-1	5.722	4.915	46281897	32923071	712.980	710.081
22)	L5 AR-1248-2	5.993	5.151	28340915	19583005	304.019	312.150
23)	L5 AR-1248-3	6.200	5.193	29986841	23907299	280.947	369.597 #
24)	L5 AR-1248-4	6.603	5.366	10396249	25621417	85.550	321.523 #
25)	L5 AR-1248-5	6.643	5.758	8797260	6505693	75.286	80.877
26)	L6 AR-1254-1	6.577	5.717	33601909	29893809	297.312	258.549
27)	L6 AR-1254-2	6.793	5.862	31896728	23003320	177.859	229.893 #
28)	L6 AR-1254-3	7.163	6.278	17609389	47968234	90.575	277.589 #
29)	L6 AR-1254-4	7.448	6.495	11696949	6018579	81.734	55.219 #
30)	L6 AR-1254-5	7.866	6.911	100.6E6	83153069	639.152	547.972
31)	L7 AR-1260-1	7.325	6.396	65001157	55662873	471.436	483.648
32)	L7 AR-1260-2	7.580	6.582	80167021	68743750	465.774	484.170
33)	L7 AR-1260-3	7.940	6.737	48496253	63475015	476.103	481.794
34)	L7 AR-1260-4	8.170	7.207	60903589	43334114	468.796	477.565
35)	L7 AR-1260-5	8.498	7.449	119.7E6	112.8E6	479.873	485.504
36)	L8 AR-1262-1	7.940	6.946	48496253	47935242	263.266	319.238
37)	L8 AR-1262-2	8.498	7.449	119.7E6	112.8E6	351.861	391.557
38)	L8 AR-1262-3	8.837	7.730	73388176	19124923	330.397	179.030 #
39)	L8 AR-1262-4	8.892	7.795	40986067	79200973	486.207	386.776
40)	L8 AR-1262-5	9.585	8.298	23063757	22472704	202.830	246.536
41)	L9 AR-1268-1	8.837	7.730	73388176	19124923	166.542	53.732 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ111018\
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 12 00:41:51 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ110618.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Nov 09 08:12:53 2018
 Response via : Initial Calibration
 Integrator: ChemStation

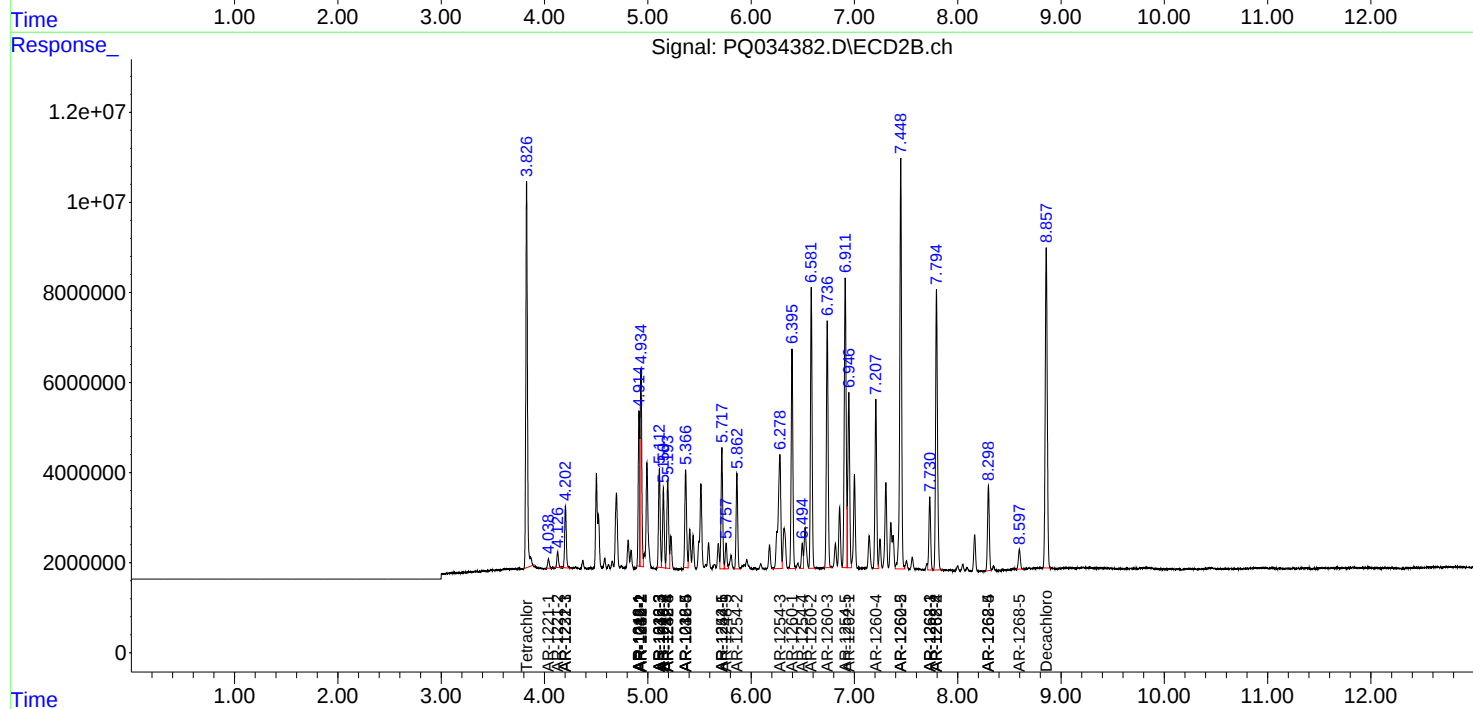
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

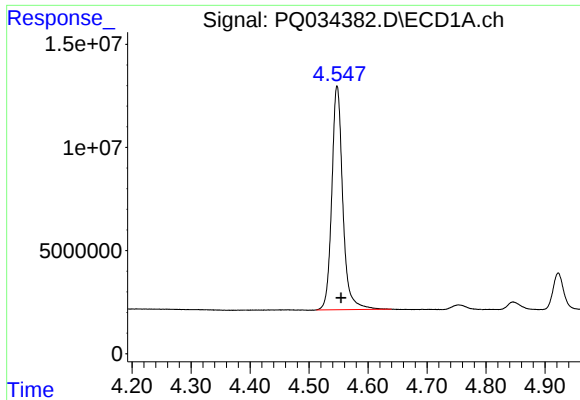
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.892	7.795	40986067	79200973	103.219	247.893 #
44) L9	AR-1268-4	9.585	8.298	23063757	22472704	168.452	202.141
45) L9	AR-1268-5	10.008	8.597	7373156	5816219	6.469	6.722

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

Instrument :
ECD_Q
ClientSampleId :

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

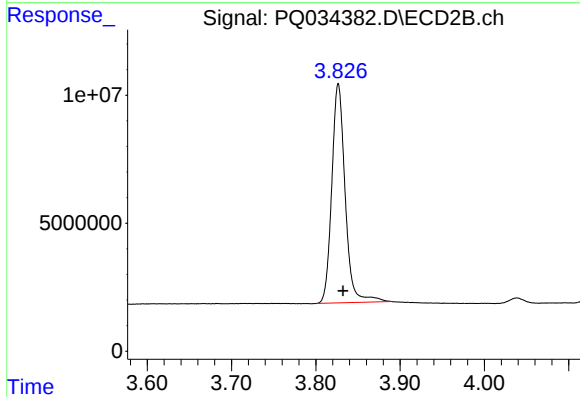




#1 Tetrachloro-m-xylene

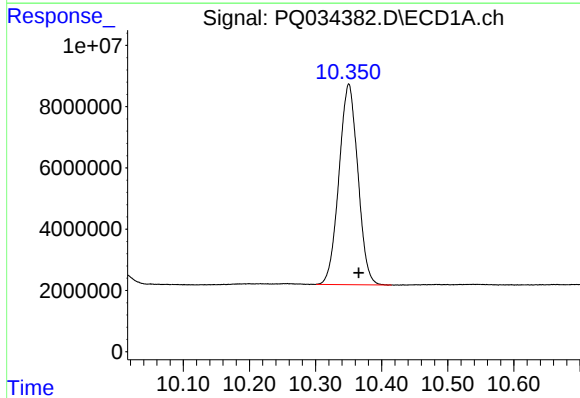
R.T.: 4.548 min
Delta R.T.: -0.006 min
Response: 140608723
Conc: 47.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



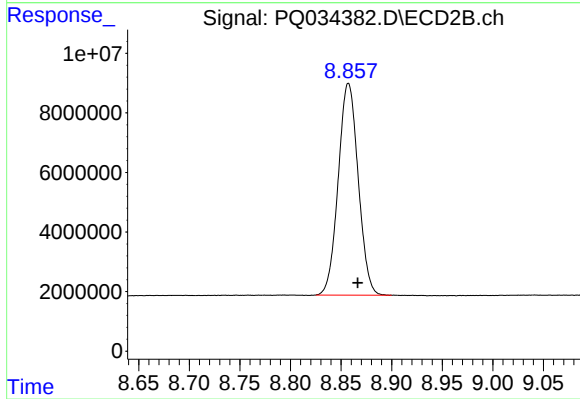
#1 Tetrachloro-m-xylene

R.T.: 3.827 min
Delta R.T.: -0.006 min
Response: 94478719
Conc: 49.50 ng/ml



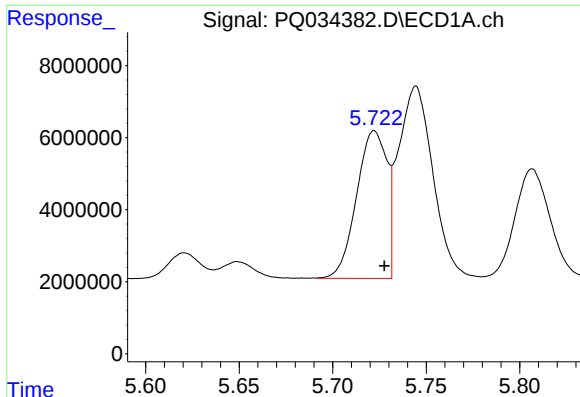
#2 Decachlorobiphenyl

R.T.: 10.350 min
Delta R.T.: -0.015 min
Response: 129882231
Conc: 50.60 ng/ml



#2 Decachlorobiphenyl

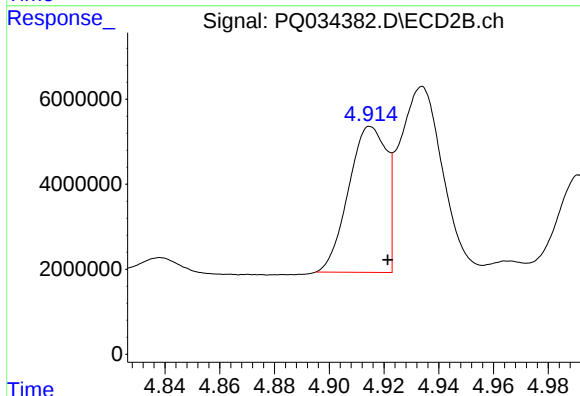
R.T.: 8.857 min
Delta R.T.: -0.009 min
Response: 97640787
Conc: 49.69 ng/ml



#3 AR-1016-1

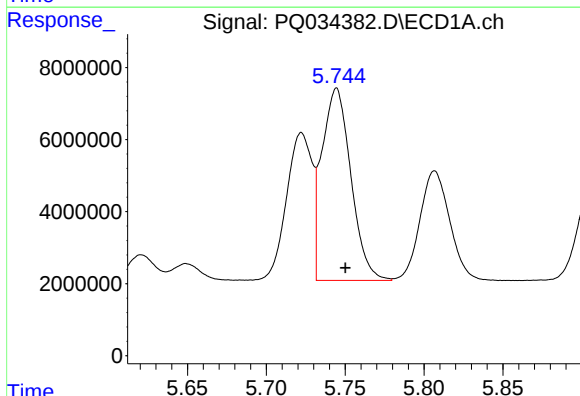
R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 46281897
Conc: 488.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :



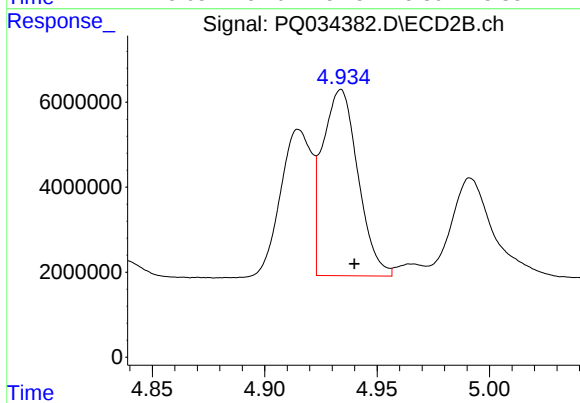
#3 AR-1016-1

R.T.: 4.915 min
Delta R.T.: -0.006 min
Response: 32923071
Conc: 466.09 ng/ml



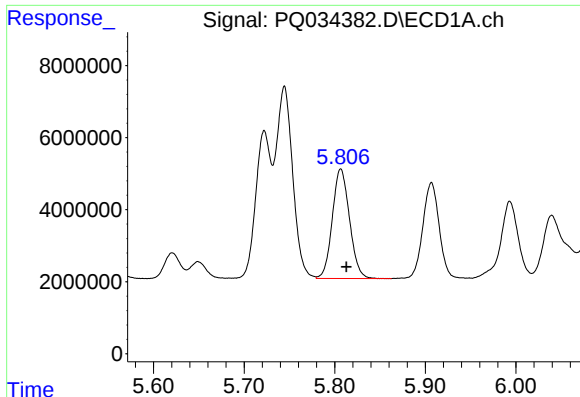
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 68422148
Conc: 484.73 ng/ml



#4 AR-1016-2

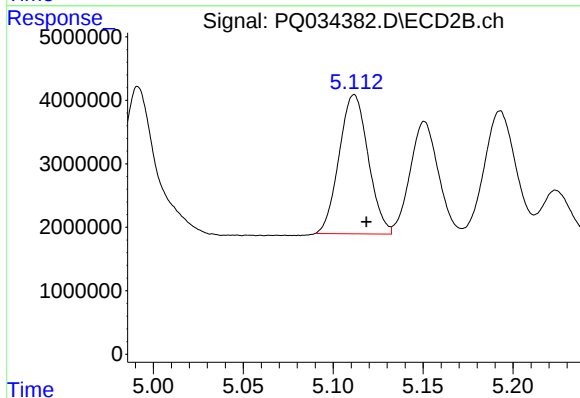
R.T.: 4.934 min
Delta R.T.: -0.006 min
Response: 48159662
Conc: 477.72 ng/ml



#5 AR-1016-3

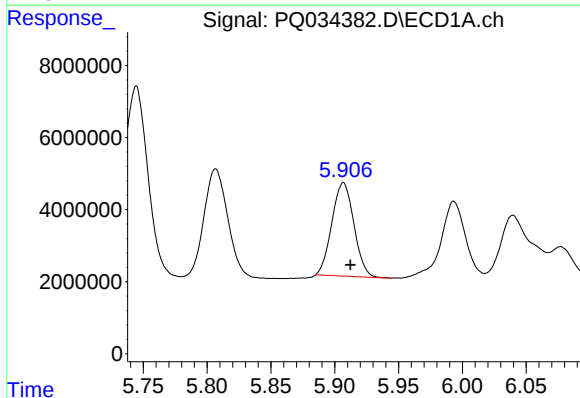
R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 40113570
Conc: 472.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



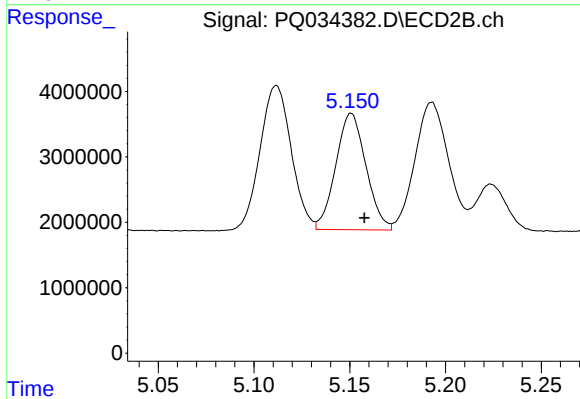
#5 AR-1016-3

R.T.: 5.112 min
Delta R.T.: -0.007 min
Response: 24690965
Conc: 480.80 ng/ml



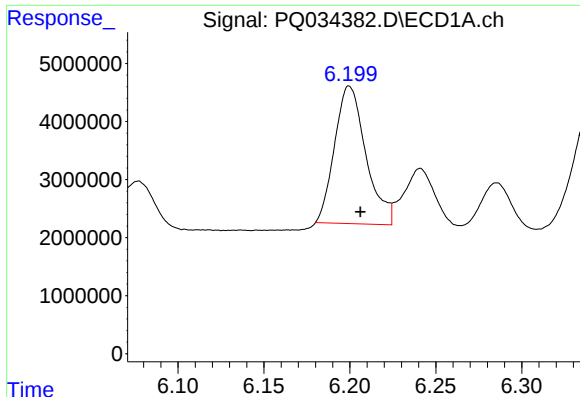
#6 AR-1016-4

R.T.: 5.907 min
Delta R.T.: -0.005 min
Response: 31199350
Conc: 459.56 ng/ml



#6 AR-1016-4

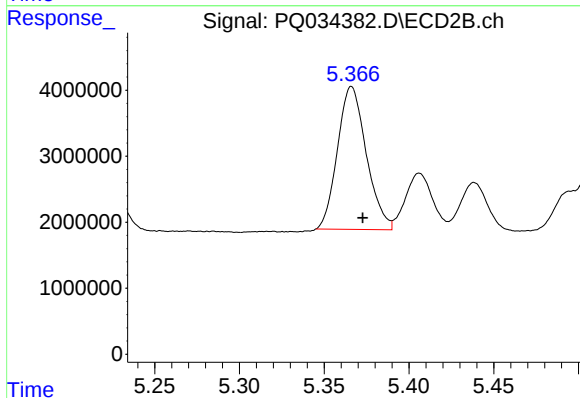
R.T.: 5.151 min
Delta R.T.: -0.007 min
Response: 19583005
Conc: 475.84 ng/ml



#7 AR-1016-5

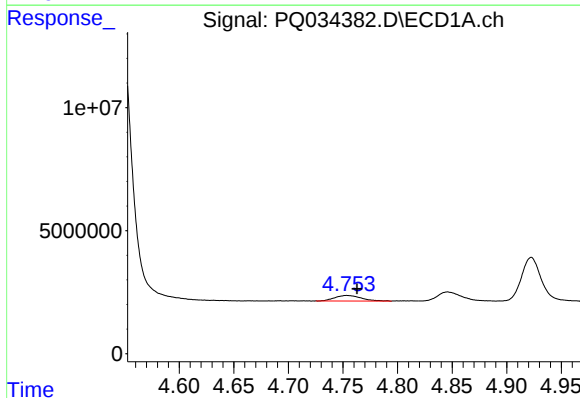
R.T.: 6.200 min
Delta R.T.: -0.006 min
Response: 29986841
Conc: 425.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



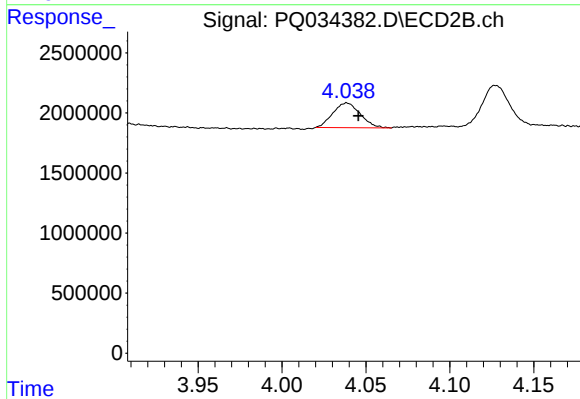
#7 AR-1016-5

R.T.: 5.366 min
Delta R.T.: -0.007 min
Response: 25621417
Conc: 480.41 ng/ml



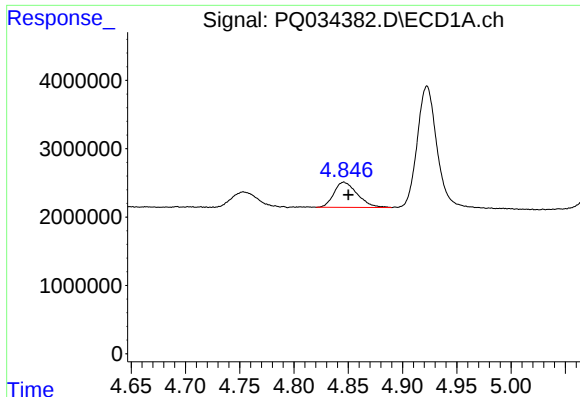
#8 AR-1221-1

R.T.: 4.753 min
Delta R.T.: -0.009 min
Response: 3764965
Conc: 131.46 ng/ml



#8 AR-1221-1

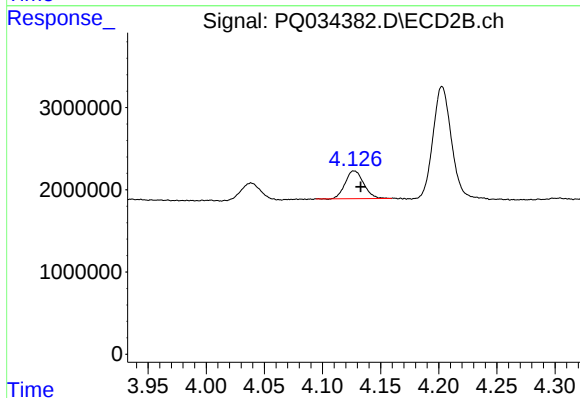
R.T.: 4.039 min
Delta R.T.: -0.007 min
Response: 2339736
Conc: 111.64 ng/ml



#9 AR-1221-2

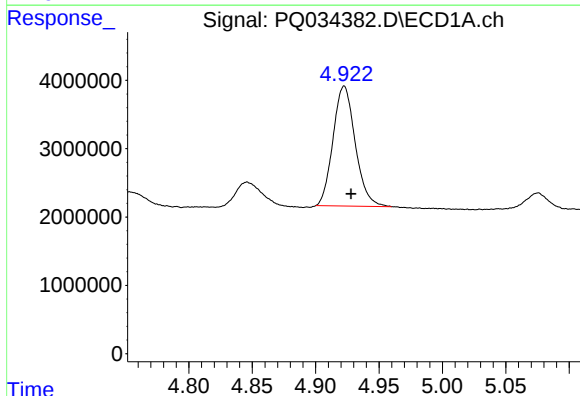
R.T.: 4.846 min
Delta R.T.: -0.004 min
Response: 5499732
Conc: 258.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



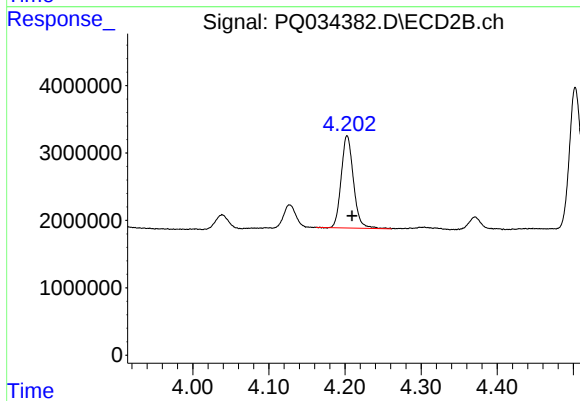
#9 AR-1221-2

R.T.: 4.127 min
Delta R.T.: -0.006 min
Response: 3747560
Conc: 242.27 ng/ml



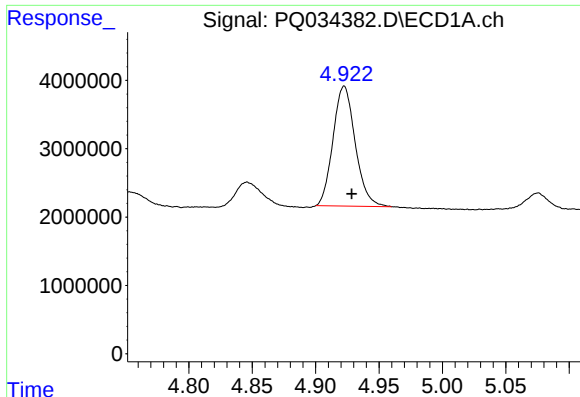
#10 AR-1221-3

R.T.: 4.923 min
Delta R.T.: -0.006 min
Response: 21424001
Conc: 315.34 ng/ml



#10 AR-1221-3

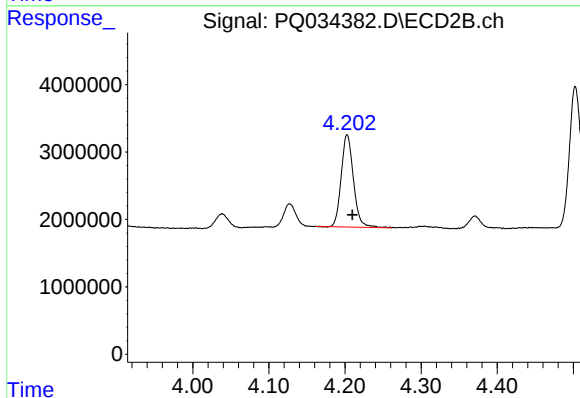
R.T.: 4.203 min
Delta R.T.: -0.007 min
Response: 15302482
Conc: 299.80 ng/ml



#11 AR-1232-1

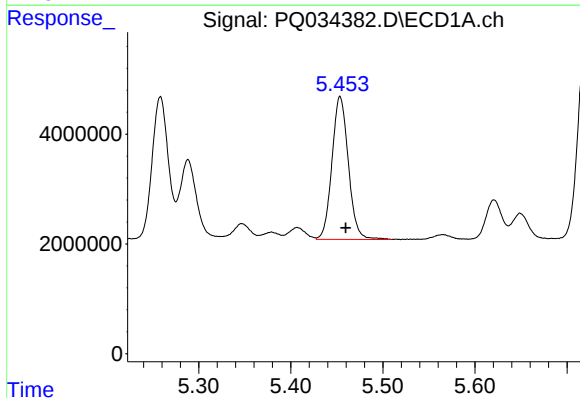
R.T.: 4.923 min
Delta R.T.: -0.006 min
Response: 21424001
Conc: 415.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



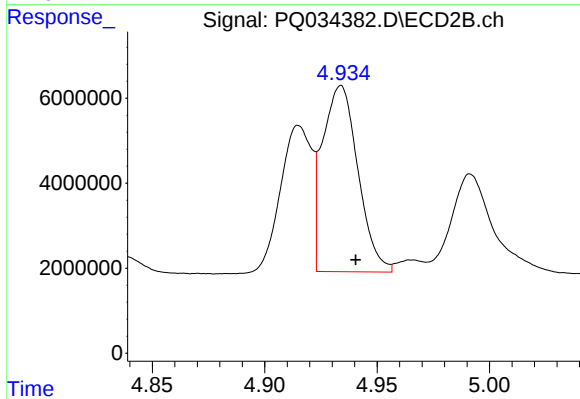
#11 AR-1232-1

R.T.: 4.203 min
Delta R.T.: -0.007 min
Response: 15302482
Conc: 404.43 ng/ml



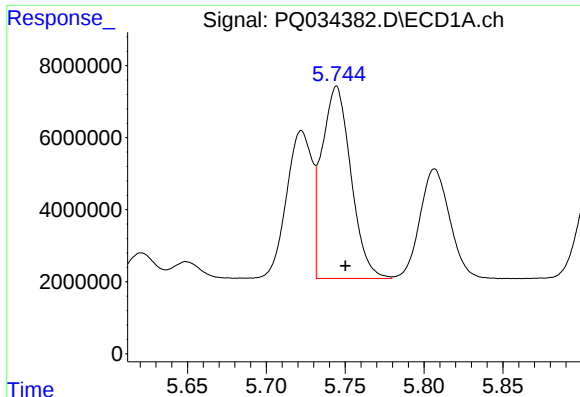
#12 AR-1232-2

R.T.: 5.454 min
Delta R.T.: -0.006 min
Response: 32180538
Conc: 1145.66 ng/ml



#12 AR-1232-2

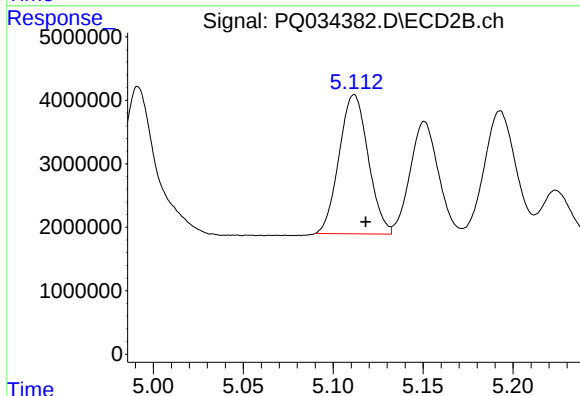
R.T.: 4.934 min
Delta R.T.: -0.007 min
Response: 48159662
Conc: 1211.75 ng/ml



#13 AR-1232-3

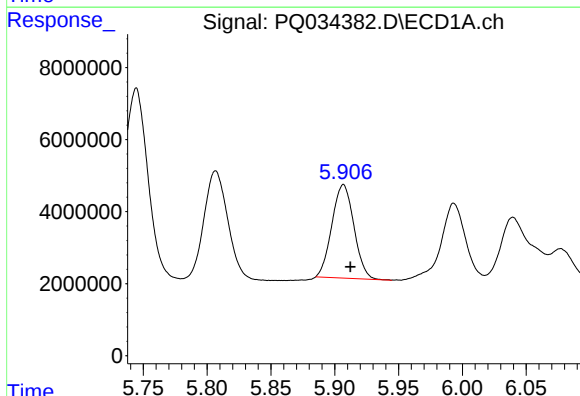
R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 68422148
Conc: 1204.01 ng/ml

Instrument :
ECD_Q
ClientSampleId :



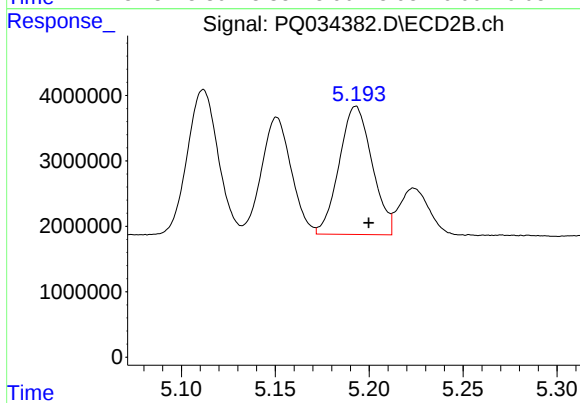
#13 AR-1232-3

R.T.: 5.112 min
Delta R.T.: -0.006 min
Response: 24690965
Conc: 1200.12 ng/ml



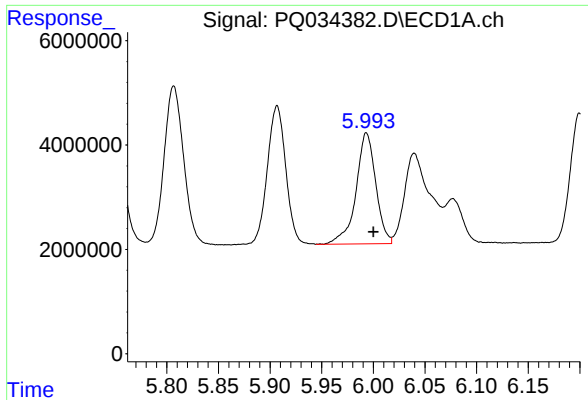
#14 AR-1232-4

R.T.: 5.907 min
Delta R.T.: -0.006 min
Response: 31199350
Conc: 1117.27 ng/ml



#14 AR-1232-4

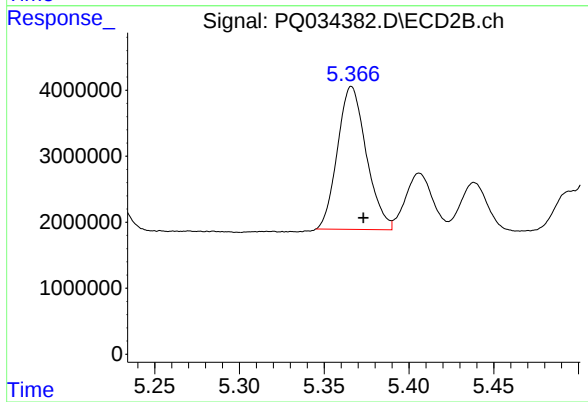
R.T.: 5.193 min
Delta R.T.: -0.007 min
Response: 23907299
Conc: 1290.17 ng/ml



#15 AR-1232-5

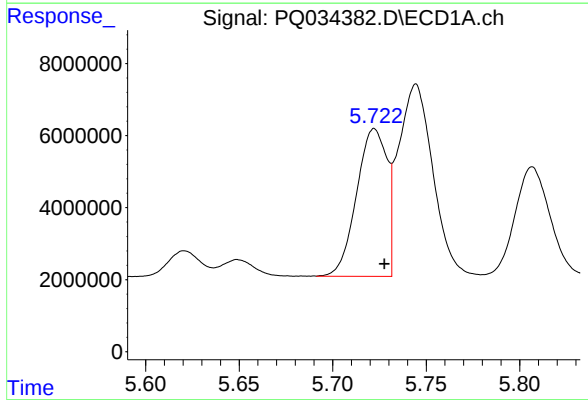
R.T.: 5.993 min
Delta R.T.: -0.007 min
Response: 28340915
Conc: 1412.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



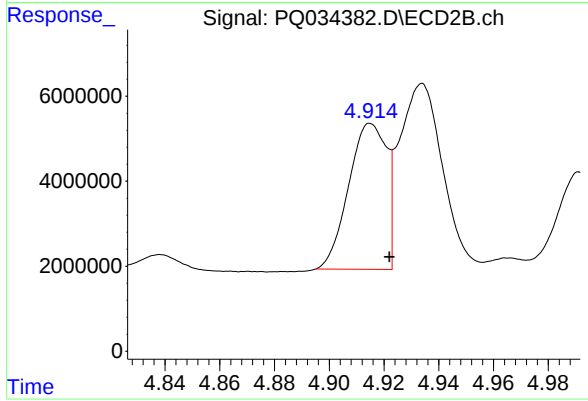
#15 AR-1232-5

R.T.: 5.366 min
Delta R.T.: -0.007 min
Response: 25621417
Conc: 1267.85 ng/ml



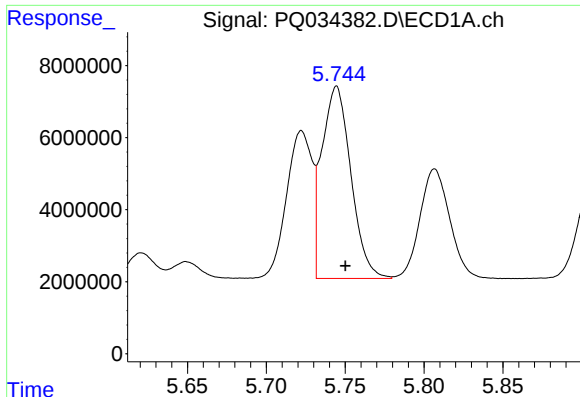
#16 AR-1242-1

R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 46281897
Conc: 588.86 ng/ml



#16 AR-1242-1

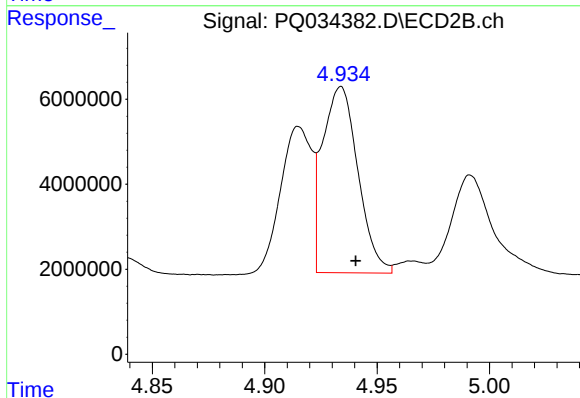
R.T.: 4.915 min
Delta R.T.: -0.007 min
Response: 32923071
Conc: 595.70 ng/ml



#17 AR-1242-2

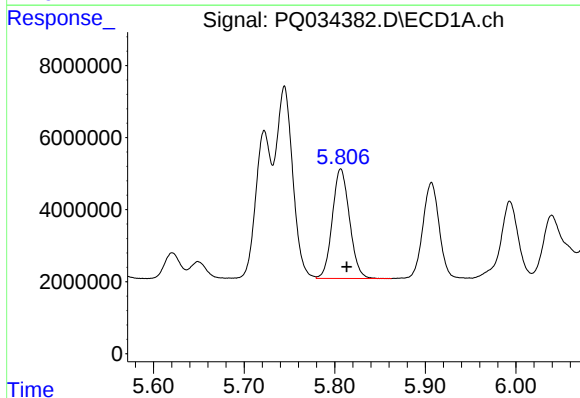
R.T.: 5.745 min
Delta R.T.: -0.006 min
Response: 68422148
Conc: 585.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



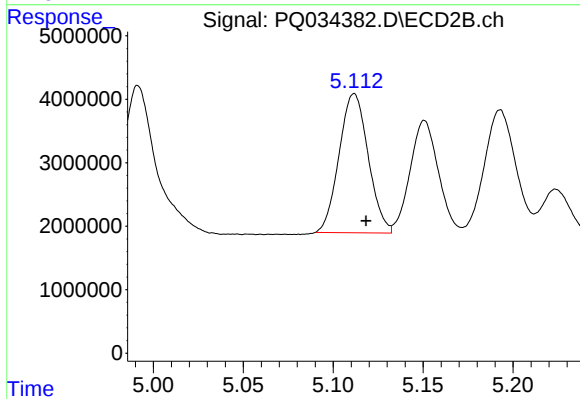
#17 AR-1242-2

R.T.: 4.934 min
Delta R.T.: -0.007 min
Response: 48159662
Conc: 602.33 ng/ml



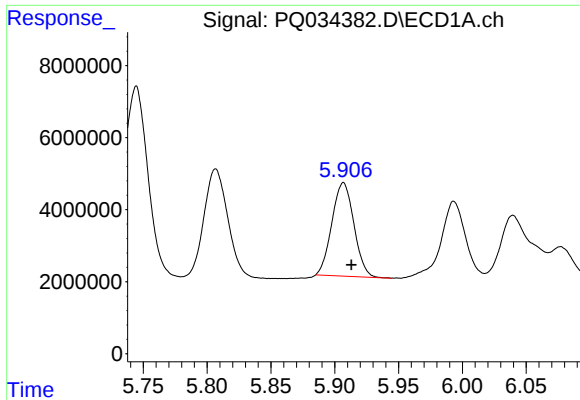
#18 AR-1242-3

R.T.: 5.807 min
Delta R.T.: -0.006 min
Response: 40113570
Conc: 567.08 ng/ml



#18 AR-1242-3

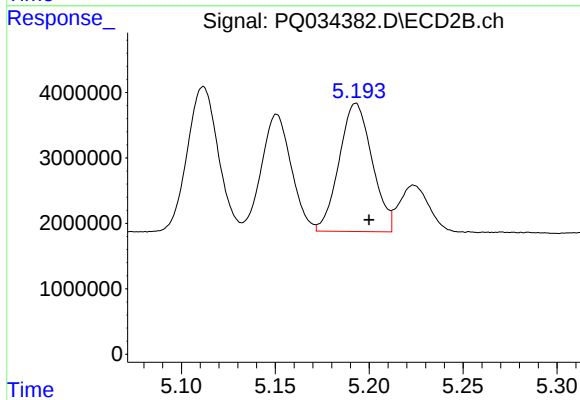
R.T.: 5.112 min
Delta R.T.: -0.007 min
Response: 24690965
Conc: 598.11 ng/ml



#19 AR-1242-4

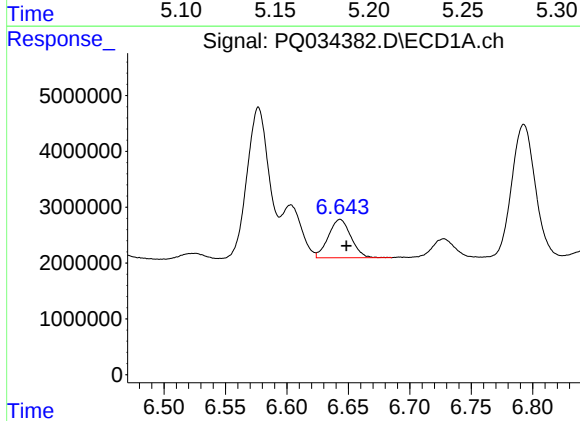
R.T.: 5.907 min
Delta R.T.: -0.006 min
Response: 31199350
Conc: 543.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



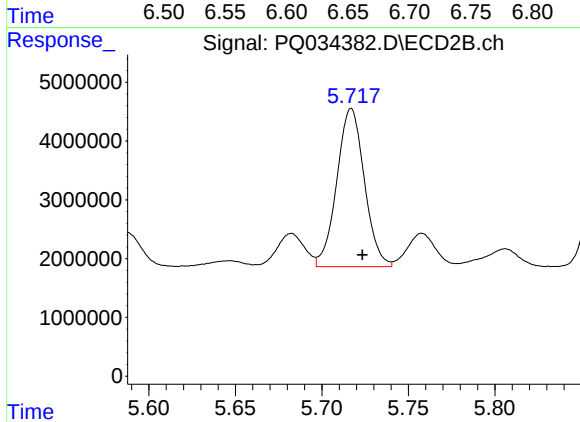
#19 AR-1242-4

R.T.: 5.193 min
Delta R.T.: -0.007 min
Response: 23907299
Conc: 594.06 ng/ml



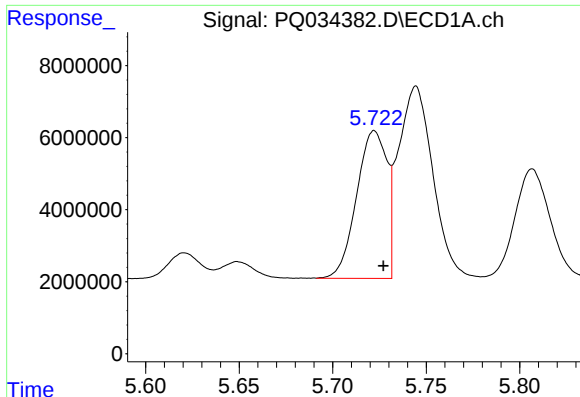
#20 AR-1242-5

R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 8797260
Conc: 136.11 ng/ml



#20 AR-1242-5

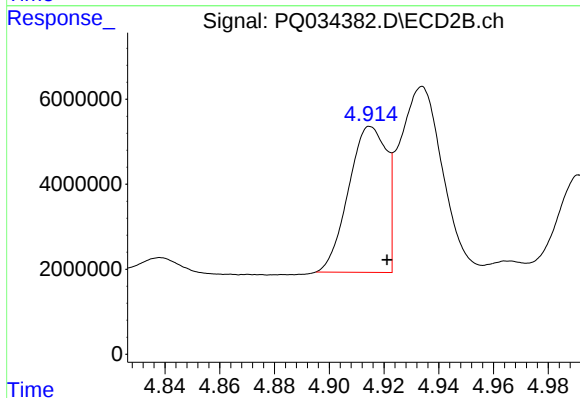
R.T.: 5.717 min
Delta R.T.: -0.007 min
Response: 29893809
Conc: 572.52 ng/ml



#21 AR-1248-1

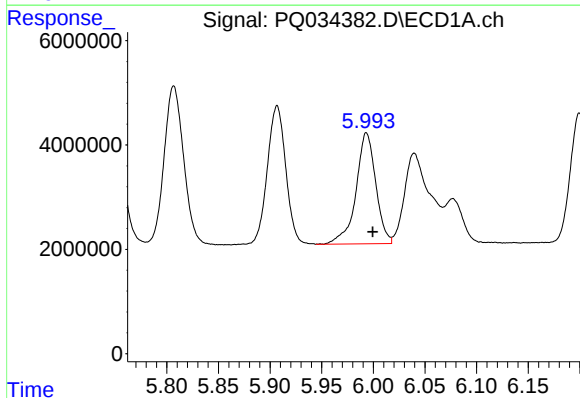
R.T.: 5.722 min
Delta R.T.: -0.005 min
Response: 46281897
Conc: 712.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



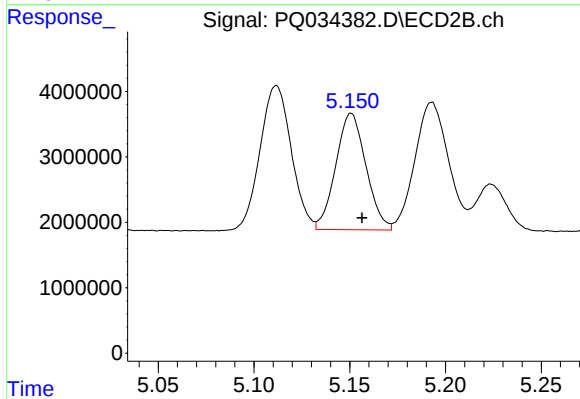
#21 AR-1248-1

R.T.: 4.915 min
Delta R.T.: -0.006 min
Response: 32923071
Conc: 710.08 ng/ml



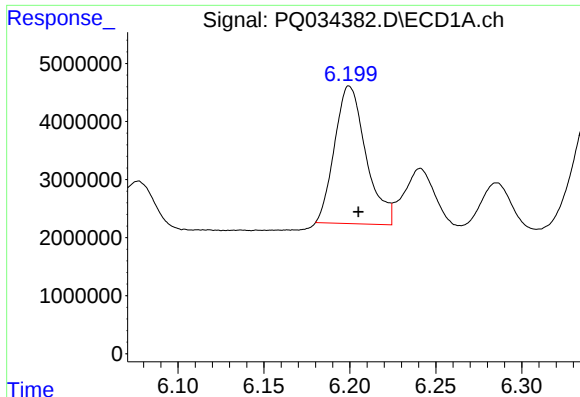
#22 AR-1248-2

R.T.: 5.993 min
Delta R.T.: -0.006 min
Response: 28340915
Conc: 304.02 ng/ml



#22 AR-1248-2

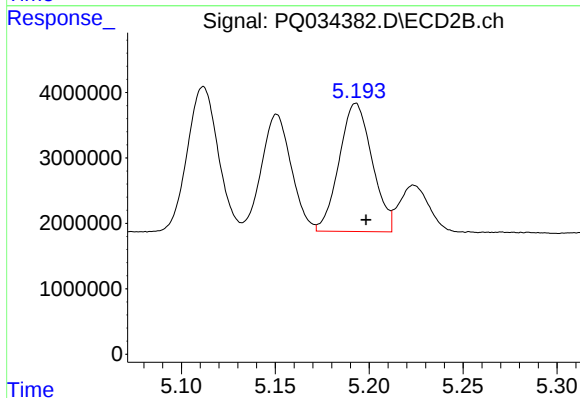
R.T.: 5.151 min
Delta R.T.: -0.006 min
Response: 19583005
Conc: 312.15 ng/ml



#23 AR-1248-3

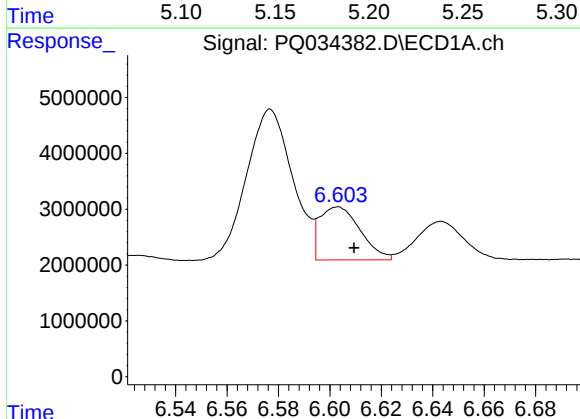
R.T.: 6.200 min
Delta R.T.: -0.005 min
Response: 29986841
Conc: 280.95 ng/ml

Instrument :
ECD_Q
ClientSampleId :



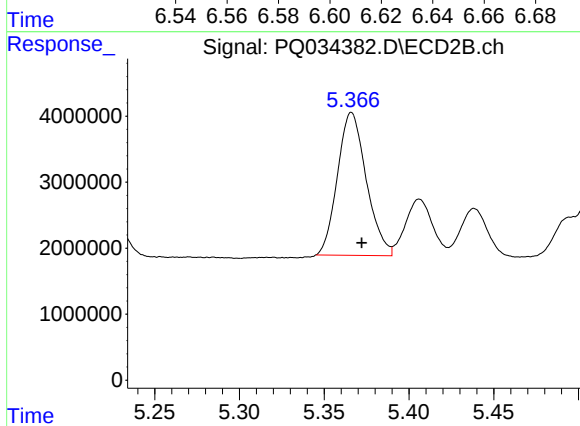
#23 AR-1248-3

R.T.: 5.193 min
Delta R.T.: -0.006 min
Response: 23907299
Conc: 369.60 ng/ml



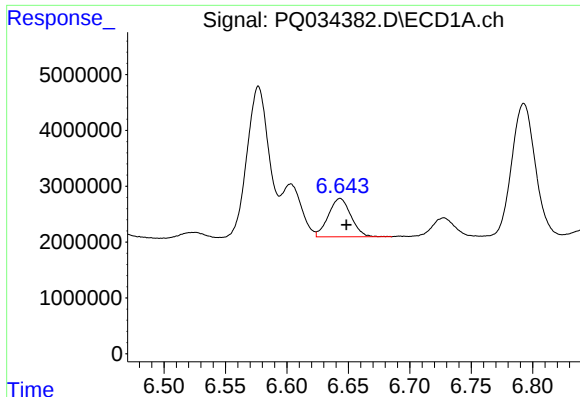
#24 AR-1248-4

R.T.: 6.603 min
Delta R.T.: -0.006 min
Response: 10396249
Conc: 85.55 ng/ml



#24 AR-1248-4

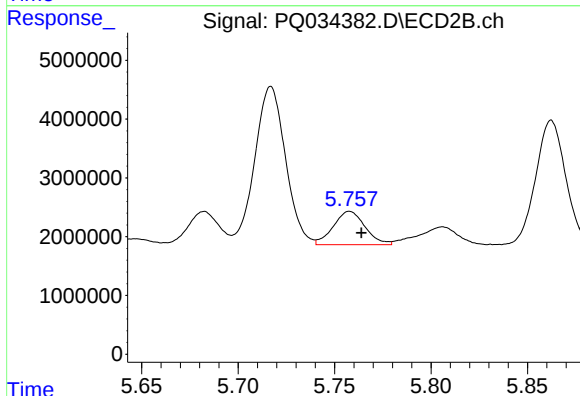
R.T.: 5.366 min
Delta R.T.: -0.006 min
Response: 25621417
Conc: 321.52 ng/ml



#25 AR-1248-5

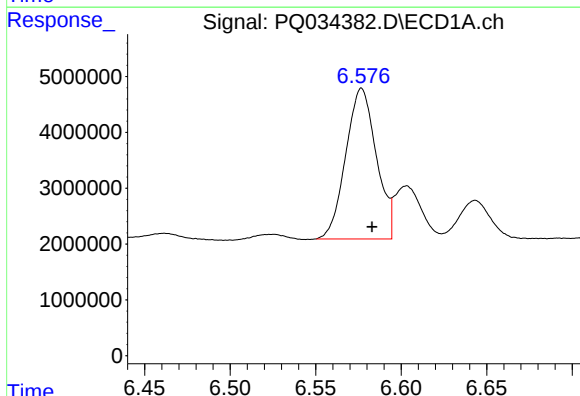
R.T.: 6.643 min
Delta R.T.: -0.005 min
Response: 8797260
Conc: 75.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



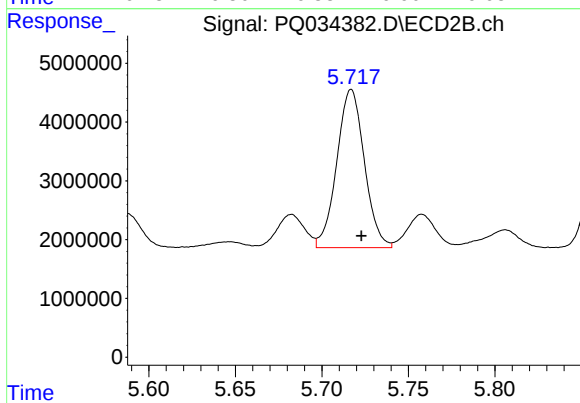
#25 AR-1248-5

R.T.: 5.758 min
Delta R.T.: -0.006 min
Response: 6505693
Conc: 80.88 ng/ml



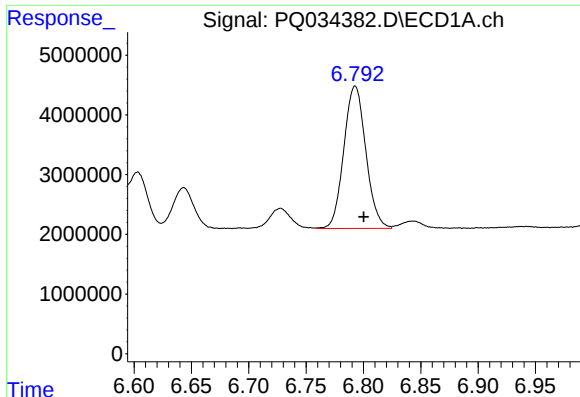
#26 AR-1254-1

R.T.: 6.577 min
Delta R.T.: -0.006 min
Response: 33601909
Conc: 297.31 ng/ml



#26 AR-1254-1

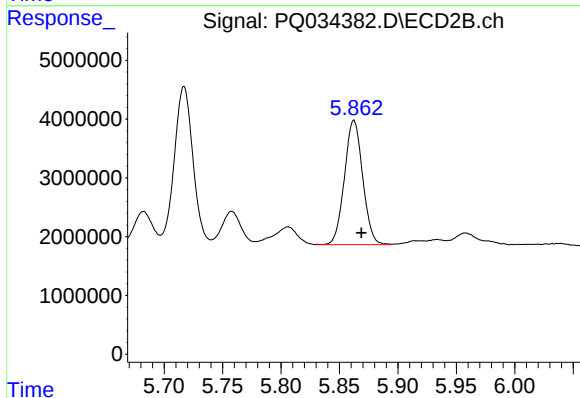
R.T.: 5.717 min
Delta R.T.: -0.006 min
Response: 29893809
Conc: 258.55 ng/ml



#27 AR-1254-2

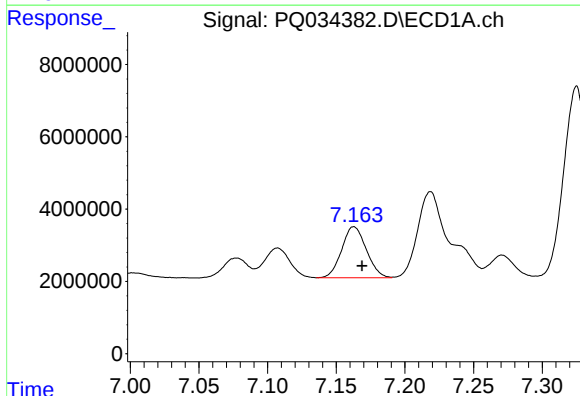
R.T.: 6.793 min
Delta R.T.: -0.008 min
Response: 31896728
Conc: 177.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



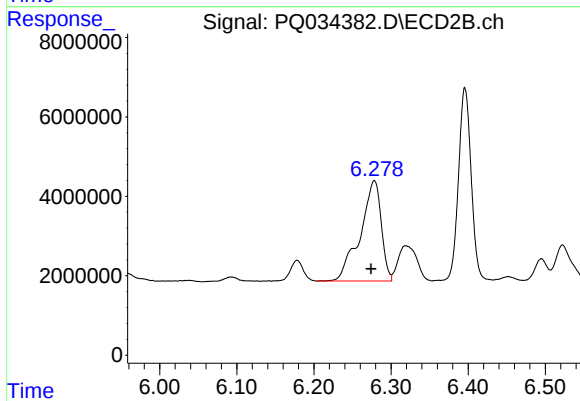
#27 AR-1254-2

R.T.: 5.862 min
Delta R.T.: -0.006 min
Response: 23003320
Conc: 229.89 ng/ml



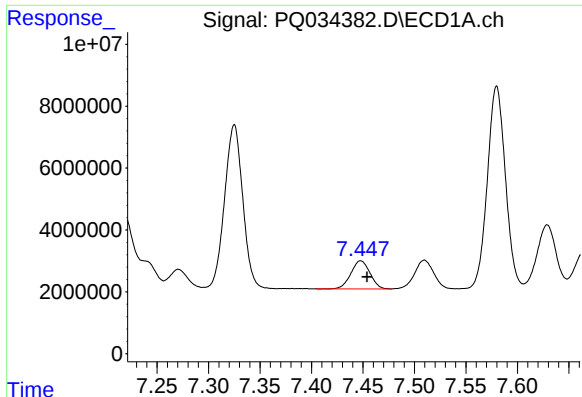
#28 AR-1254-3

R.T.: 7.163 min
Delta R.T.: -0.006 min
Response: 17609389
Conc: 90.58 ng/ml



#28 AR-1254-3

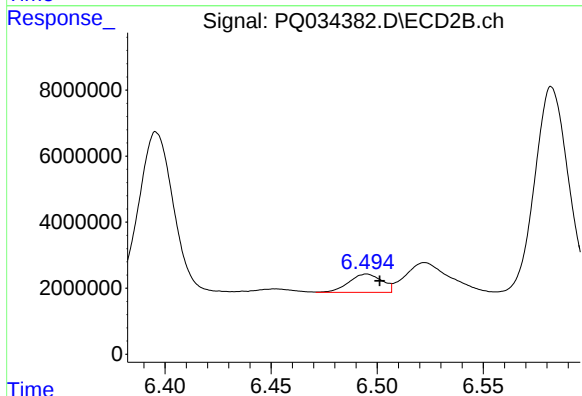
R.T.: 6.278 min
Delta R.T.: 0.004 min
Response: 47968234
Conc: 277.59 ng/ml



#29 AR-1254-4

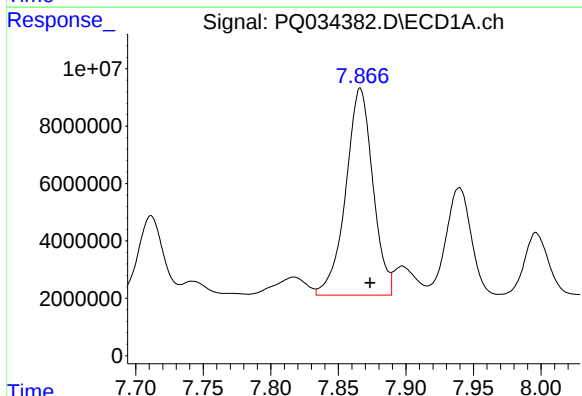
R.T.: 7.448 min
Delta R.T.: -0.006 min
Response: 11696949
Conc: 81.73 ng/ml

Instrument :
ECD_Q
ClientSampleId :



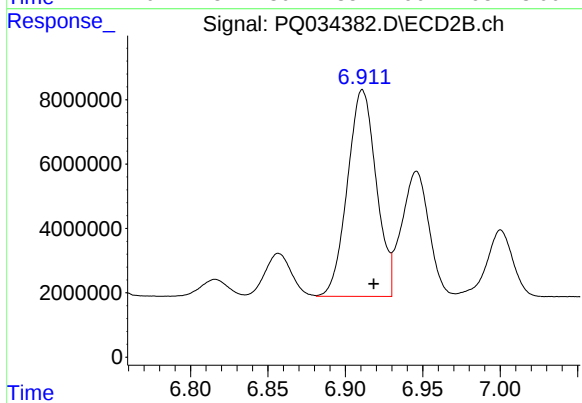
#29 AR-1254-4

R.T.: 6.495 min
Delta R.T.: -0.006 min
Response: 6018579
Conc: 55.22 ng/ml



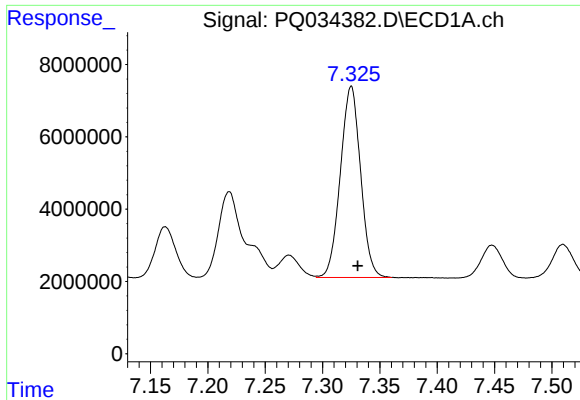
#30 AR-1254-5

R.T.: 7.866 min
Delta R.T.: -0.007 min
Response: 100631226
Conc: 639.15 ng/ml



#30 AR-1254-5

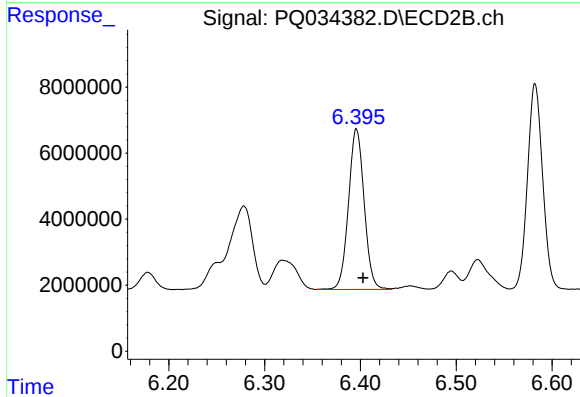
R.T.: 6.911 min
Delta R.T.: -0.007 min
Response: 83153069
Conc: 547.97 ng/ml



#31 AR-1260-1

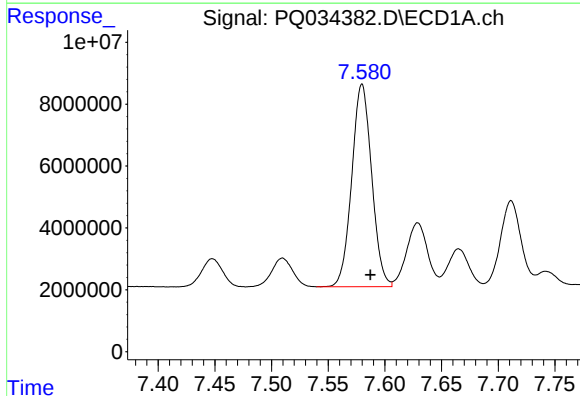
R.T.: 7.325 min
Delta R.T.: -0.006 min
Response: 65001157
Conc: 471.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :



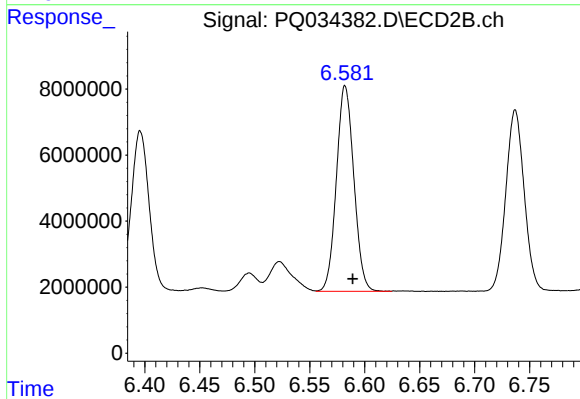
#31 AR-1260-1

R.T.: 6.396 min
Delta R.T.: -0.007 min
Response: 55662873
Conc: 483.65 ng/ml



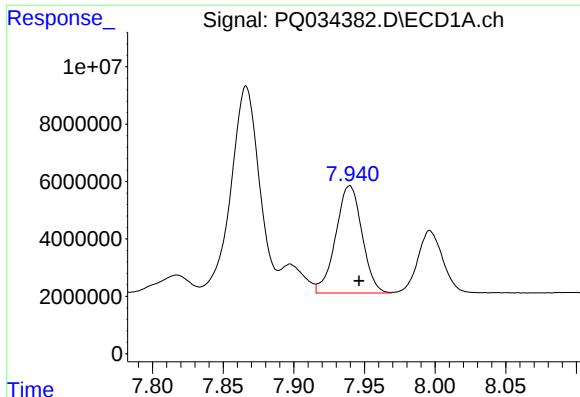
#32 AR-1260-2

R.T.: 7.580 min
Delta R.T.: -0.007 min
Response: 80167021
Conc: 465.77 ng/ml



#32 AR-1260-2

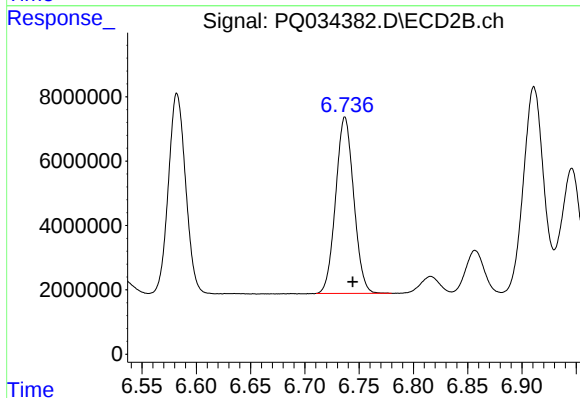
R.T.: 6.582 min
Delta R.T.: -0.007 min
Response: 68743750
Conc: 484.17 ng/ml



#33 AR-1260-3

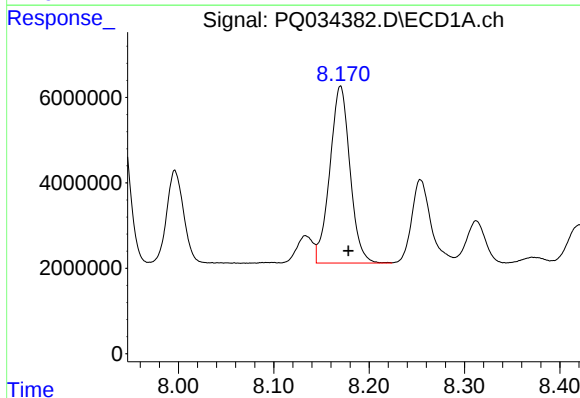
R.T.: 7.940 min
Delta R.T.: -0.007 min
Response: 48496253
Conc: 476.10 ng/ml

Instrument :
ECD_Q
ClientSampleId :



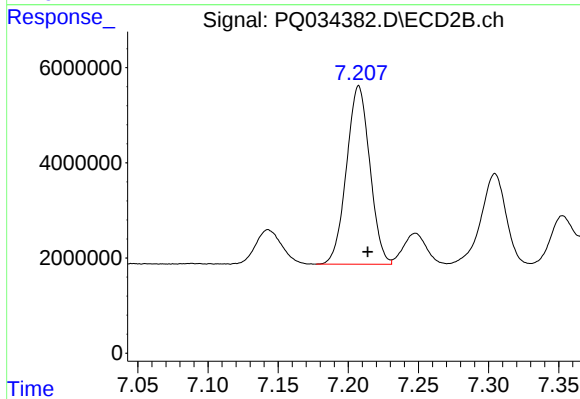
#33 AR-1260-3

R.T.: 6.737 min
Delta R.T.: -0.007 min
Response: 63475015
Conc: 481.79 ng/ml



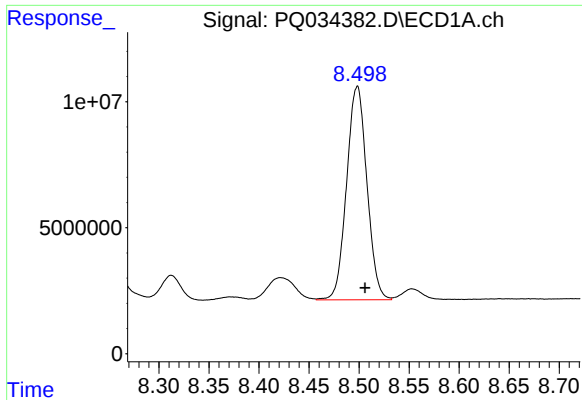
#34 AR-1260-4

R.T.: 8.170 min
Delta R.T.: -0.008 min
Response: 60903589
Conc: 468.80 ng/ml



#34 AR-1260-4

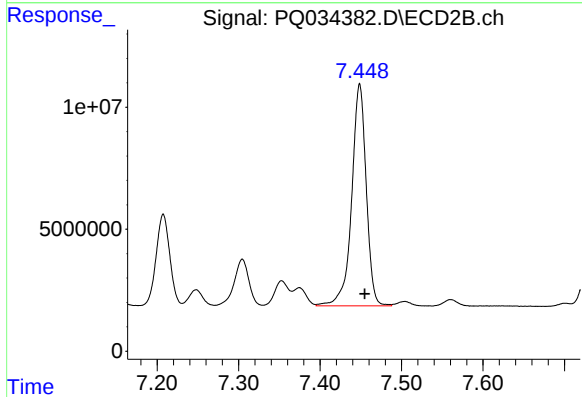
R.T.: 7.207 min
Delta R.T.: -0.006 min
Response: 43334114
Conc: 477.57 ng/ml



#35 AR-1260-5

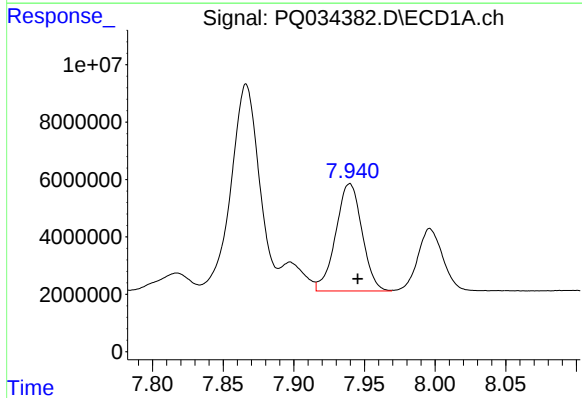
R.T.: 8.498 min
Delta R.T.: -0.008 min
Response: 119677803
Conc: 479.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :



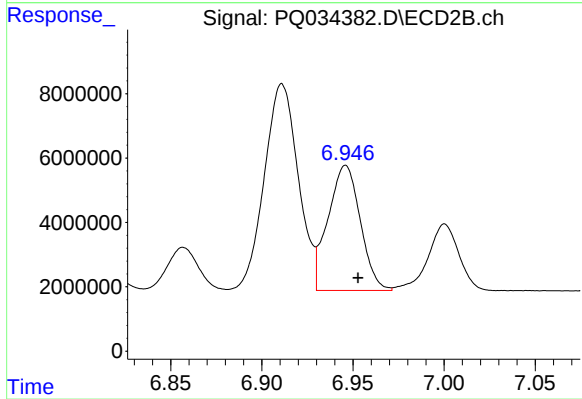
#35 AR-1260-5

R.T.: 7.449 min
Delta R.T.: -0.006 min
Response: 112830935
Conc: 485.50 ng/ml



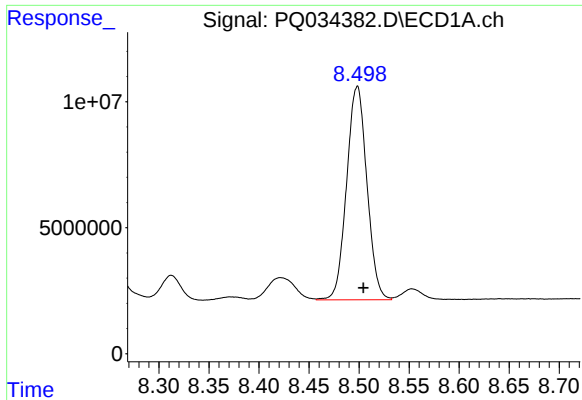
#36 AR-1262-1

R.T.: 7.940 min
Delta R.T.: -0.006 min
Response: 48496253
Conc: 263.27 ng/ml



#36 AR-1262-1

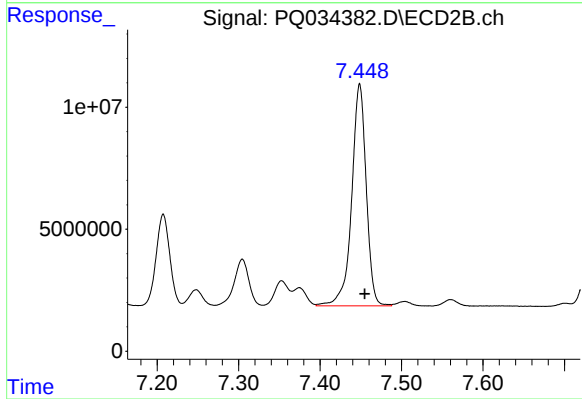
R.T.: 6.946 min
Delta R.T.: -0.007 min
Response: 47935242
Conc: 319.24 ng/ml



#37 AR-1262-2

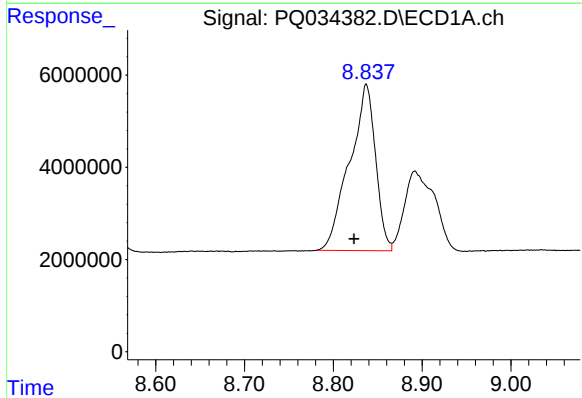
R.T.: 8.498 min
Delta R.T.: -0.006 min
Response: 119677803
Conc: 351.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :



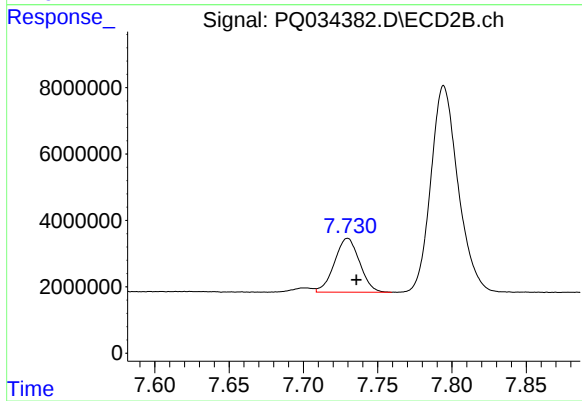
#37 AR-1262-2

R.T.: 7.449 min
Delta R.T.: -0.006 min
Response: 112830935
Conc: 391.56 ng/ml



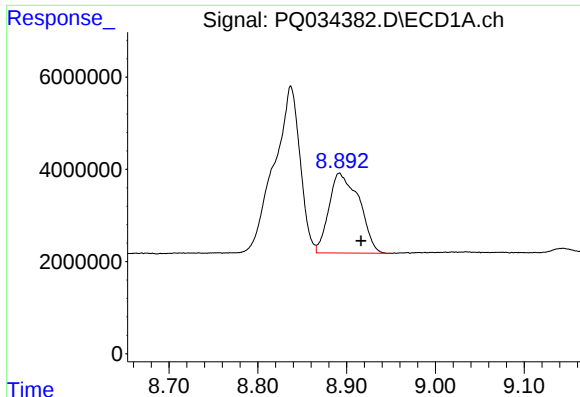
#38 AR-1262-3

R.T.: 8.837 min
Delta R.T.: 0.014 min
Response: 73388176
Conc: 330.40 ng/ml



#38 AR-1262-3

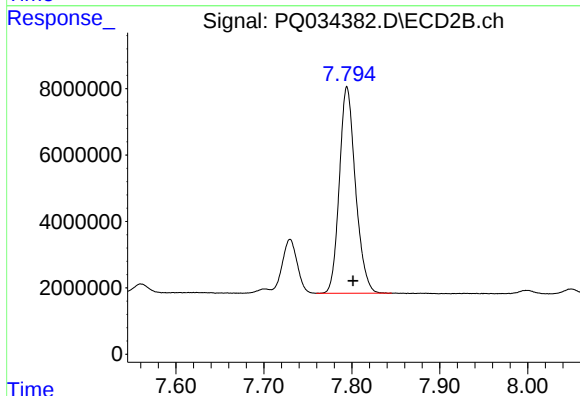
R.T.: 7.730 min
Delta R.T.: -0.006 min
Response: 19124923
Conc: 179.03 ng/ml



#39 AR-1262-4

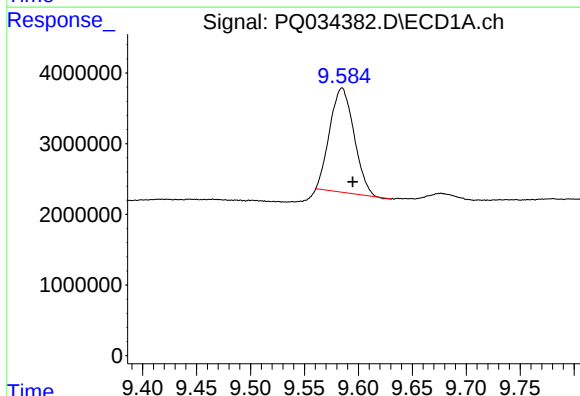
R.T.: 8.892 min
Delta R.T.: -0.024 min
Response: 40986067
Conc: 486.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



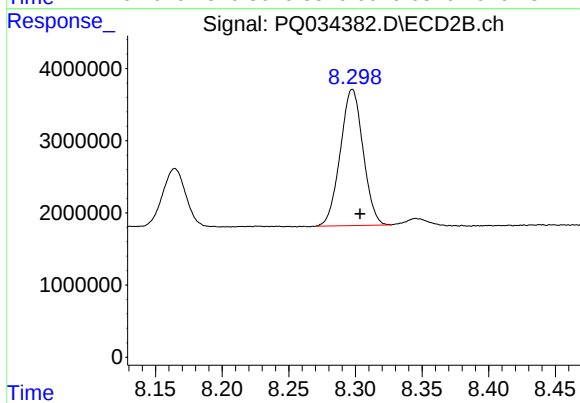
#39 AR-1262-4

R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 79200973
Conc: 386.78 ng/ml



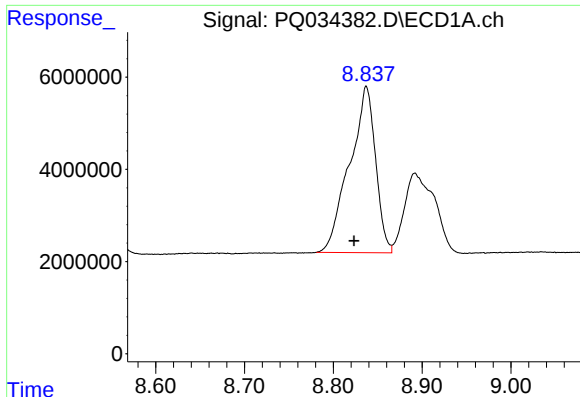
#40 AR-1262-5

R.T.: 9.585 min
Delta R.T.: -0.010 min
Response: 23063757
Conc: 202.83 ng/ml



#40 AR-1262-5

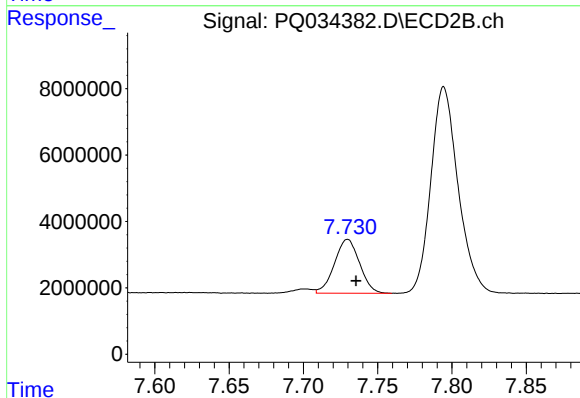
R.T.: 8.298 min
Delta R.T.: -0.006 min
Response: 22472704
Conc: 246.54 ng/ml



#41 AR-1268-1

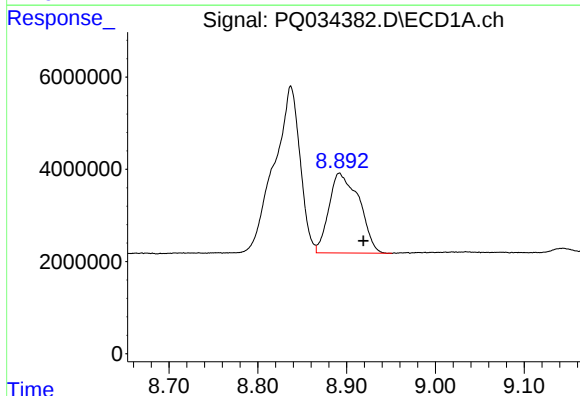
R.T.: 8.837 min
Delta R.T.: 0.014 min
Response: 73388176
Conc: 166.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



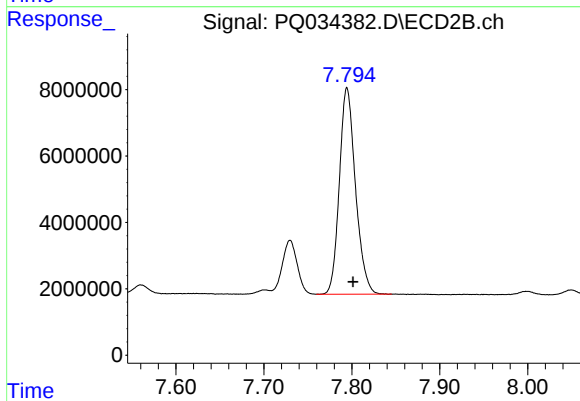
#41 AR-1268-1

R.T.: 7.730 min
Delta R.T.: -0.006 min
Response: 19124923
Conc: 53.73 ng/ml



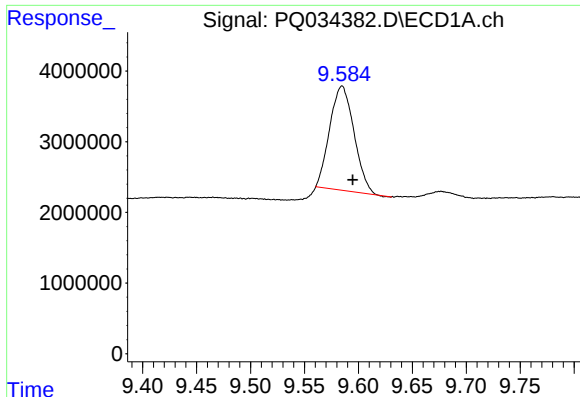
#42 AR-1268-2

R.T.: 8.892 min
Delta R.T.: -0.027 min
Response: 40986067
Conc: 103.22 ng/ml



#42 AR-1268-2

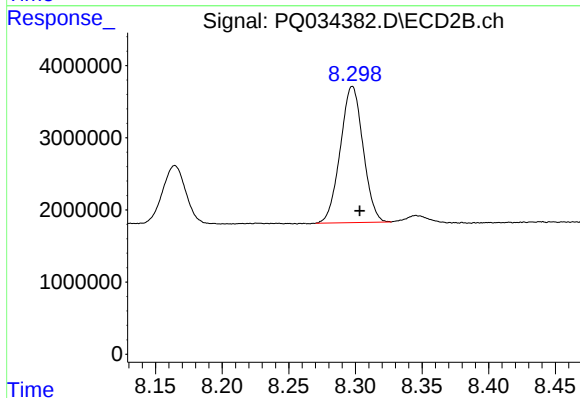
R.T.: 7.795 min
Delta R.T.: -0.007 min
Response: 79200973
Conc: 247.89 ng/ml



#44 AR-1268-4

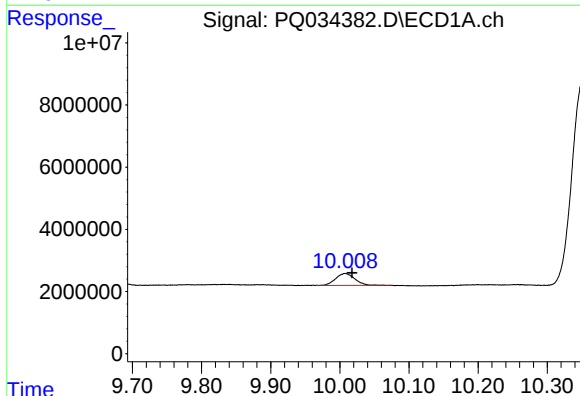
R.T.: 9.585 min
Delta R.T.: -0.010 min
Response: 23063757
Conc: 168.45 ng/ml

Instrument :
ECD_Q
ClientSampleId :



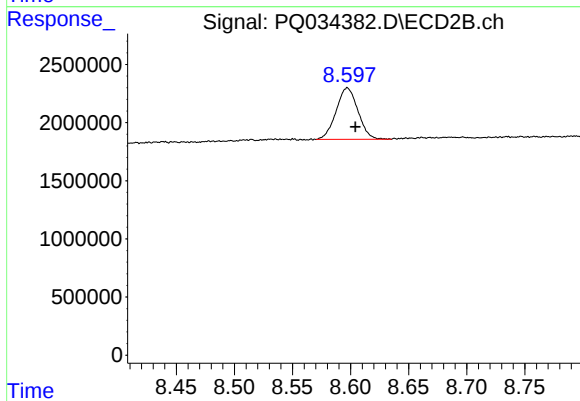
#44 AR-1268-4

R.T.: 8.298 min
Delta R.T.: -0.006 min
Response: 22472704
Conc: 202.14 ng/ml



#45 AR-1268-5

R.T.: 10.008 min
Delta R.T.: -0.010 min
Response: 7373156
Conc: 6.47 ng/ml



#45 AR-1268-5

R.T.: 8.597 min
Delta R.T.: -0.007 min
Response: 5816219
Conc: 6.72 ng/ml