

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100218\
 Data File : PQ032543.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 01:25
 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: Oct 03 02:32:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 19 02:07:33 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...	4.588	3.867	120.5E6	98588311	51.971	49.228
2)	SA Decachlor...	10.440	8.937	112.7E6	86049924	54.061	44.438
Target Compounds							
3)	L1 AR-1016-1	5.301	4.549	29509730	23188966	557.604	480.600
4)	L1 AR-1016-2	5.498	4.964	30136000	37046578	574.677	548.983
5)	L1 AR-1016-3	5.767	4.983	43648457	52262590	591.825	559.372
6)	L1 AR-1016-4	5.852	5.041	39175469	34978278	573.899	589.143
7)	L1 AR-1016-5	6.246	5.417	33811517	30761156	620.890	588.594
8)	L2 AR-1221-1	4.794	4.081	3412661	3027732	144.731	149.348
9)	L2 AR-1221-2	4.887	4.171	5028076	4354987	286.458	278.757
10)	L2 AR-1221-3	4.964	4.247	21158161	16930809	382.025	345.721
11)	L3 AR-1232-1	5.789	4.744	65156349	26174313	1571.985	1501.666
12)	L3 AR-1232-2	5.952	4.858	33041856	7664816	1597.261	1519.100
13)	L3 AR-1232-3	6.124	5.244	11336787	26700774	1967.222	1702.328
14)	L3 AR-1232-4	6.457	5.567	8802753	32067211	1824.907	1736.421
15)	L3 AR-1232-5	7.320	6.148	11402543	4399346	4427.919	1541.781 #
16)	L4 AR-1242-1	5.332	4.569	17404803	13063353	786.626	657.181
17)	L4 AR-1242-2	6.086	5.162	29871433	27606156	822.780	769.497
18)	L4 AR-1242-3	6.288	5.275	14463095	8838820	848.710	750.752
19)	L4 AR-1242-4	6.333	5.641	11433318	8525816	750.911	817.633
20)	L4 AR-1242-5	6.389	6.013	36538771	3234045	804.134	136.250 #
21)	L5 AR-1248-1	6.040	5.201	28441719	21453617	491.457	436.205
22)	L5 AR-1248-2	6.624	5.770	35748585	31241779	636.020	341.754 #
23)	L5 AR-1248-3	6.650	5.811	12531654	8421204	167.540	133.149
24)	L5 AR-1248-4	6.690	5.988	10872599	2090183	153.583	38.313 #
25)	L5 AR-1248-5	6.890	6.336	1709364	53338403	37.371	1310.491 #
26)	L6 AR-1254-1	6.841	5.916	28380641	22788716	171.158	189.534
27)	L6 AR-1254-2	7.126	6.233	5711400	4416562	56.150	44.688
28)	L6 AR-1254-3	7.211	6.551	17574566	4287832	96.636	34.191 #
29)	L6 AR-1254-4	7.497	6.876	17458793	7465240	131.024	84.869 #
30)	L6 AR-1254-5	7.793	6.969	9215218	87721118	90.128	505.004 #
31)	L7 AR-1260-1	7.373	6.452	74916816	64479342	642.288	601.804
32)	L7 AR-1260-2	7.629	6.638	87183943	79525187	649.686	614.832
33)	L7 AR-1260-3	7.917	6.795	100.1E6	70680684	646.326	585.715
34)	L7 AR-1260-4	8.223	7.267	70884362	60037334	620.506	612.931
35)	L7 AR-1260-5	8.555	7.506	140.8E6	143.8E6	618.308	602.195
36)	L8 AR-1262-1	7.267	6.336	48933255	53338403	827.717	1012.849
37)	L8 AR-1262-2	8.048	7.059	31255497	30643937	620.063	607.374
38)	L8 AR-1262-3	8.309	7.365	33659324	31853820	592.053	583.137
39)	L8 AR-1262-4	8.953	7.790	50720891	29346002	442.529	328.336 #
40)	L8 AR-1262-5	9.656	8.361	33574616	32444815	413.043	410.324
41)	L9 AR-1268-1	7.990	7.005	60579077	62388413	1153.048	1238.117

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 Operator : SM\SJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

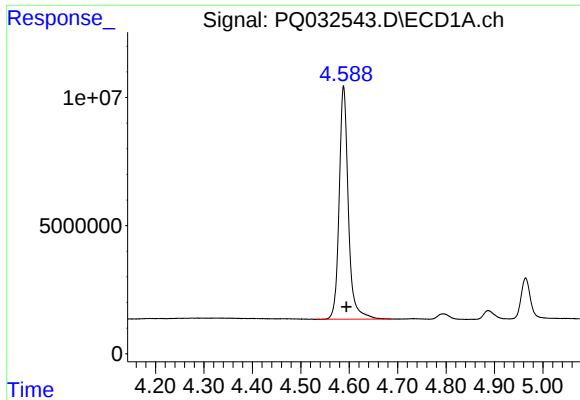
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 03 02:32:56 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.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	8.223	7.855	70884362	105.0E6	1040.847	395.508 #
43) L9	AR-1268-3	8.898	8.062	86036128	1515328	295.575	6.936 #
44) L9	AR-1268-4	9.211	8.156	1708824	1295295	7.558	22.548 #
45) L9	AR-1268-5	10.091	8.667	9092692	7912278	12.251	11.122

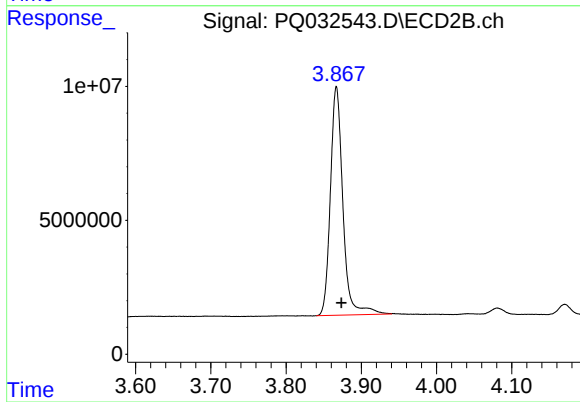
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

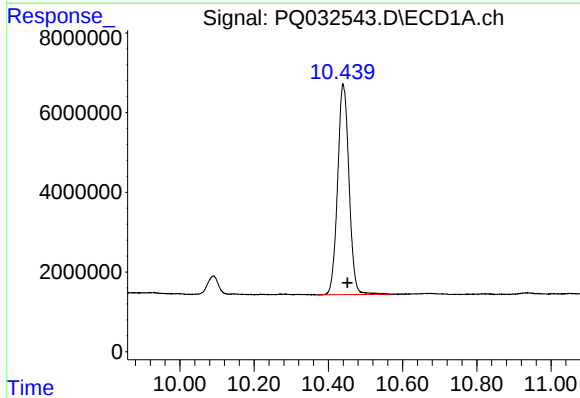
R.T.: 4.588 min
Delta R.T.: -0.006 min
Response: 120506707
Conc: 51.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



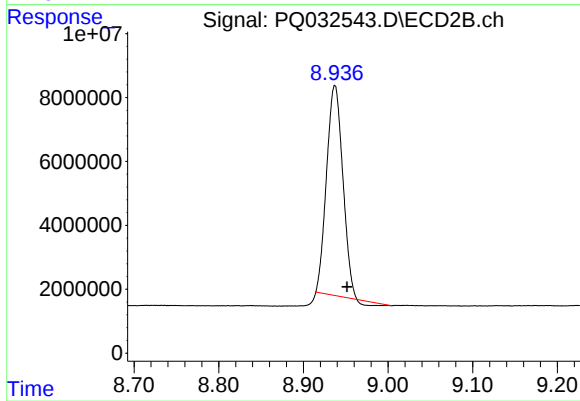
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 98588311
Conc: 49.23 ng/ml



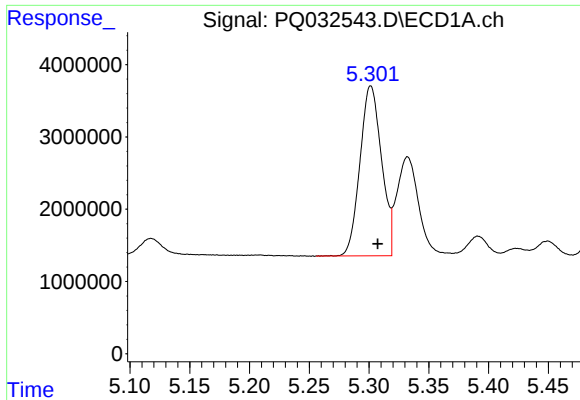
#2 Decachlorobiphenyl

R.T.: 10.440 min
Delta R.T.: -0.012 min
Response: 112698545
Conc: 54.06 ng/ml



#2 Decachlorobiphenyl

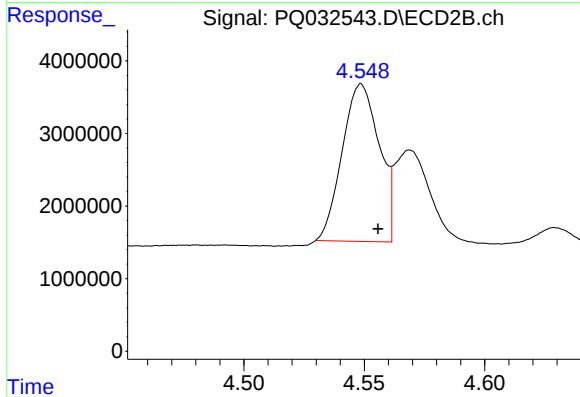
R.T.: 8.937 min
Delta R.T.: -0.015 min
Response: 86049924
Conc: 44.44 ng/ml



#3 AR-1016-1

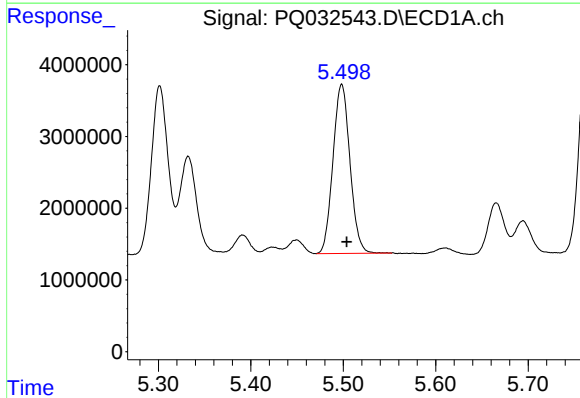
R.T.: 5.301 min
Delta R.T.: -0.006 min
Response: 29509730
Conc: 557.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



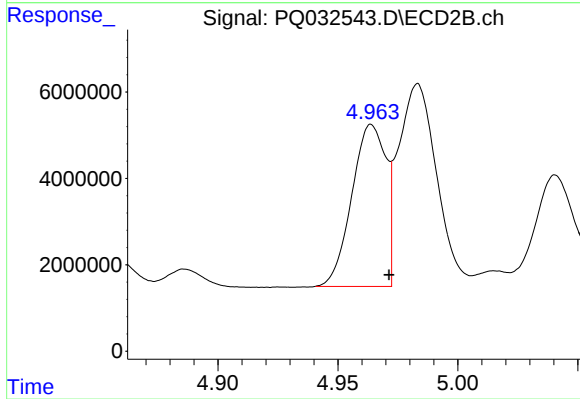
#3 AR-1016-1

R.T.: 4.549 min
Delta R.T.: -0.007 min
Response: 23188966
Conc: 480.60 ng/ml



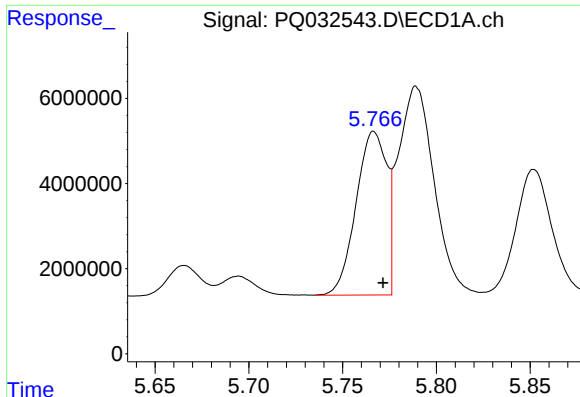
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 30136000
Conc: 574.68 ng/ml



#4 AR-1016-2

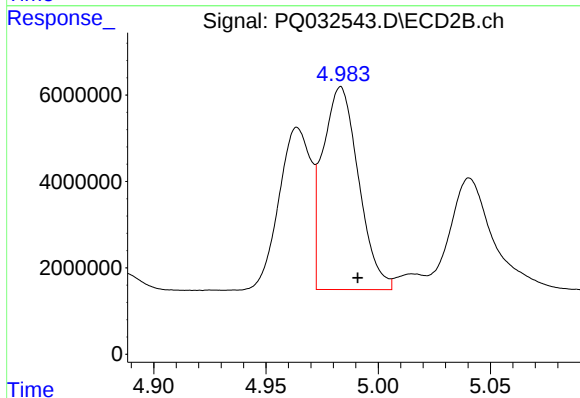
R.T.: 4.964 min
Delta R.T.: -0.007 min
Response: 37046578
Conc: 548.98 ng/ml



#5 AR-1016-3

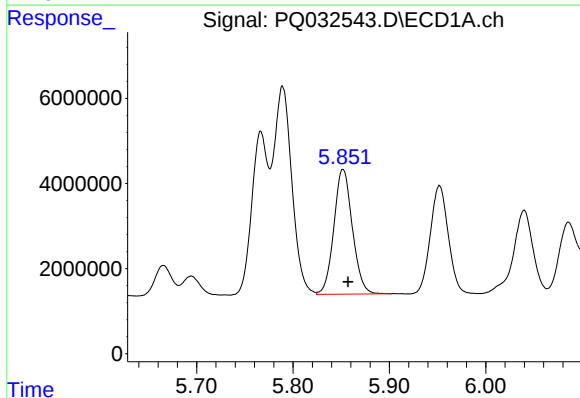
R.T.: 5.767 min
Delta R.T.: -0.005 min
Response: 43648457
Conc: 591.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



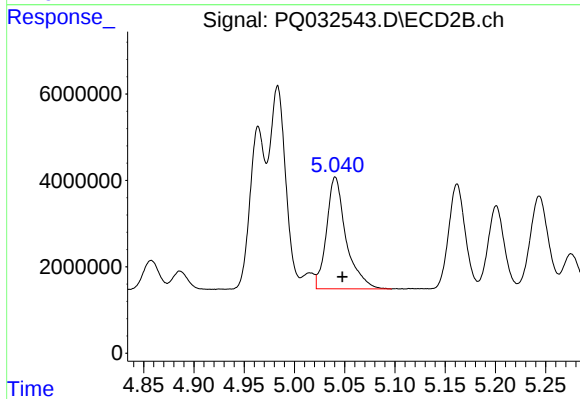
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 52262590
Conc: 559.37 ng/ml



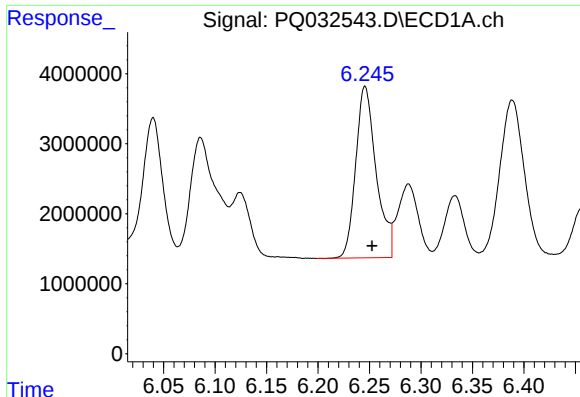
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 39175469
Conc: 573.90 ng/ml



#6 AR-1016-4

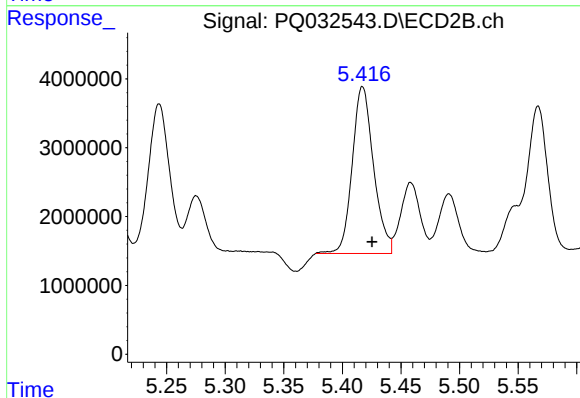
R.T.: 5.041 min
Delta R.T.: -0.007 min
Response: 34978278
Conc: 589.14 ng/ml



#7 AR-1016-5

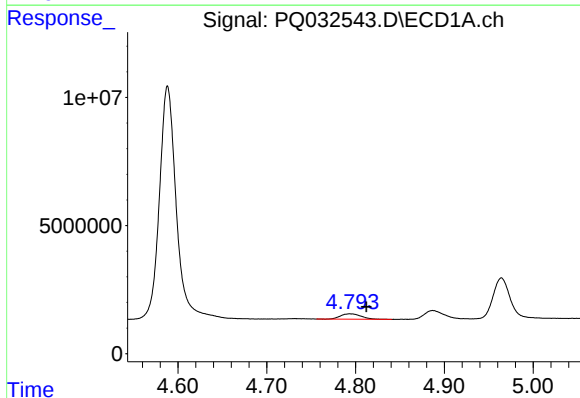
R.T.: 6.246 min
Delta R.T.: -0.007 min
Response: 33811517
Conc: 620.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



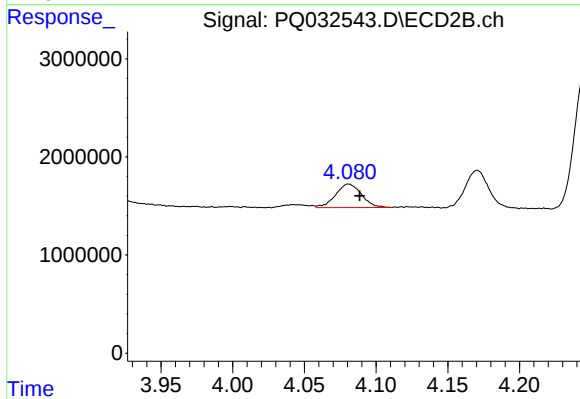
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.008 min
Response: 30761156
Conc: 588.59 ng/ml



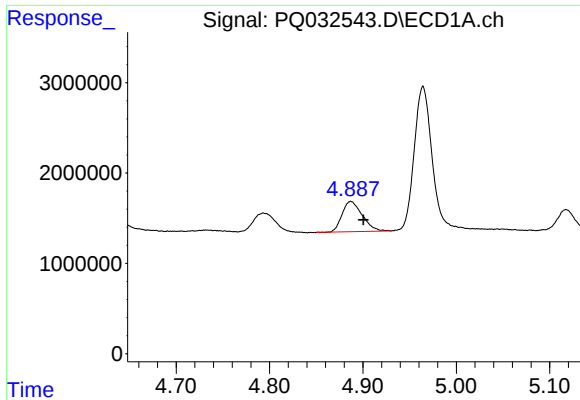
#8 AR-1221-1

R.T.: 4.794 min
Delta R.T.: -0.019 min
Response: 3412661
Conc: 144.73 ng/ml



#8 AR-1221-1

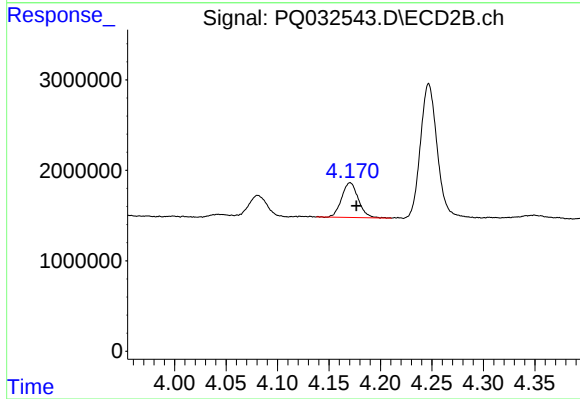
R.T.: 4.081 min
Delta R.T.: -0.008 min
Response: 3027732
Conc: 149.35 ng/ml



#9 AR-1221-2

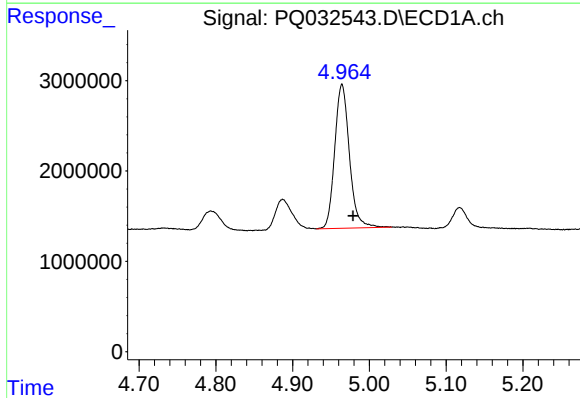
R.T.: 4.887 min
Delta R.T.: -0.013 min
Response: 5028076
Conc: 286.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



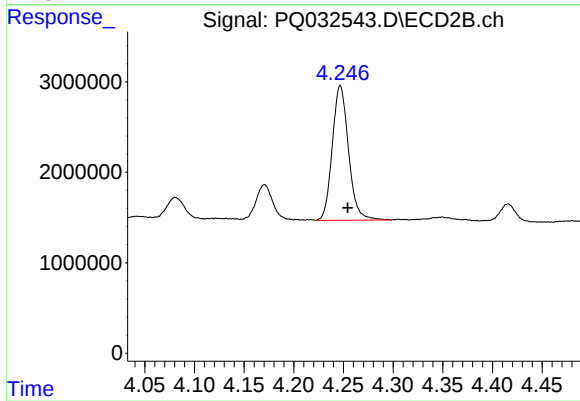
#9 AR-1221-2

R.T.: 4.171 min
Delta R.T.: -0.006 min
Response: 4354987
Conc: 278.76 ng/ml



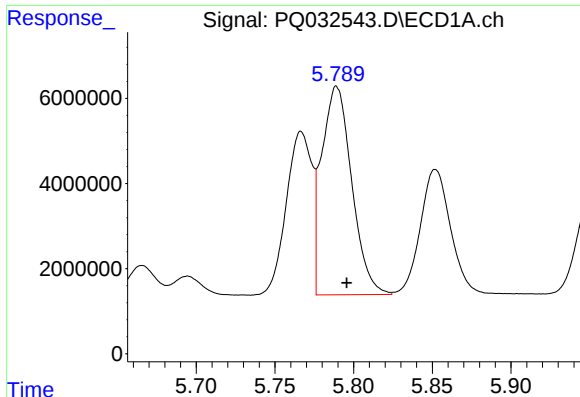
#10 AR-1221-3

R.T.: 4.964 min
Delta R.T.: -0.014 min
Response: 21158161
Conc: 382.02 ng/ml



#10 AR-1221-3

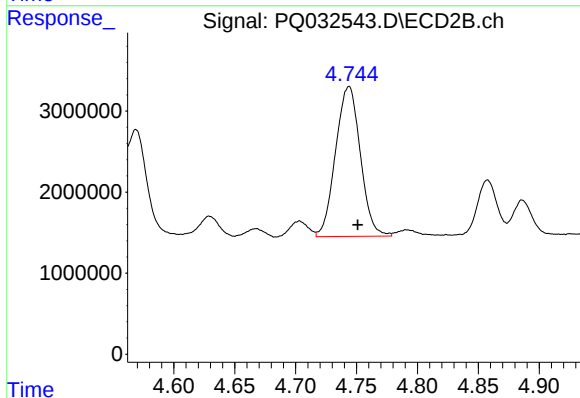
R.T.: 4.247 min
Delta R.T.: -0.007 min
Response: 16930809
Conc: 345.72 ng/ml



#11 AR-1232-1

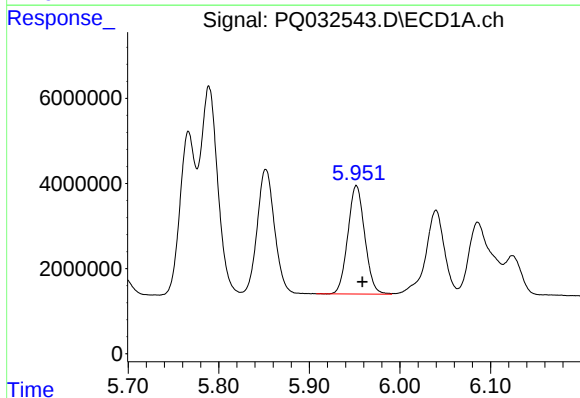
R.T.: 5.789 min
Delta R.T.: -0.007 min
Response: 65156349
Conc: 1571.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



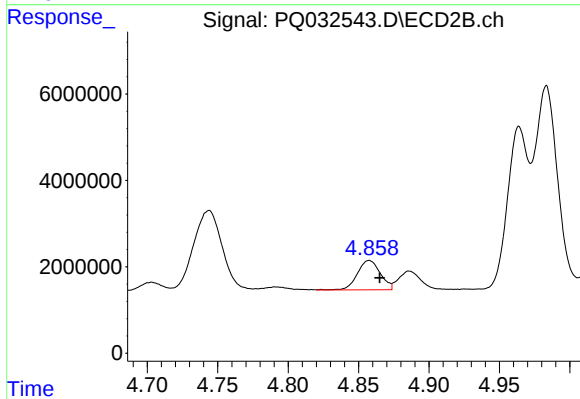
#11 AR-1232-1

R.T.: 4.744 min
Delta R.T.: -0.007 min
Response: 26174313
Conc: 1501.67 ng/ml



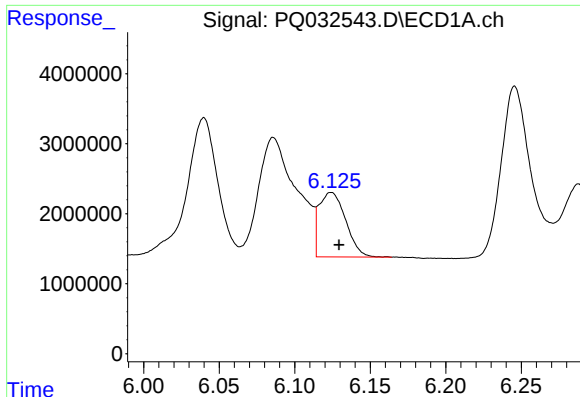
#12 AR-1232-2

R.T.: 5.952 min
Delta R.T.: -0.007 min
Response: 33041856
Conc: 1597.26 ng/ml



#12 AR-1232-2

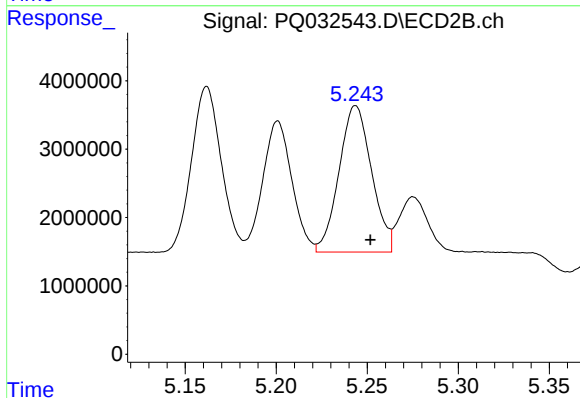
R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 7664816
Conc: 1519.10 ng/ml



#13 AR-1232-3

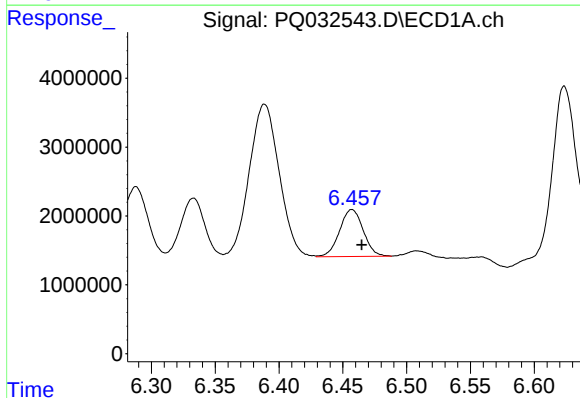
R.T.: 6.124 min
Delta R.T.: -0.005 min
Response: 11336787
Conc: 1967.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :



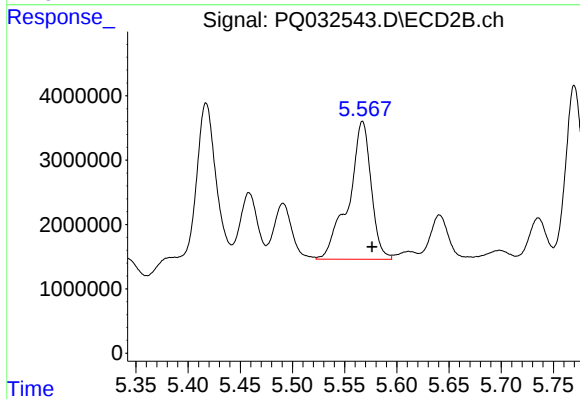
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.008 min
Response: 26700774
Conc: 1702.33 ng/ml



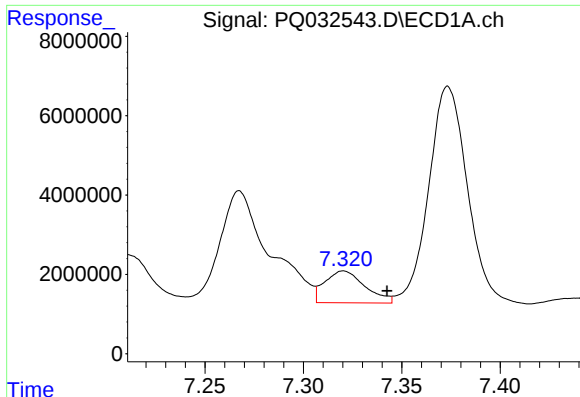
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.008 min
Response: 8802753
Conc: 1824.91 ng/ml



#14 AR-1232-4

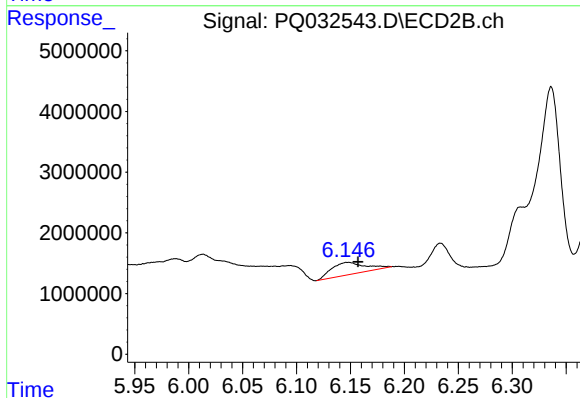
R.T.: 5.567 min
Delta R.T.: -0.009 min
Response: 32067211
Conc: 1736.42 ng/ml



#15 AR-1232-5

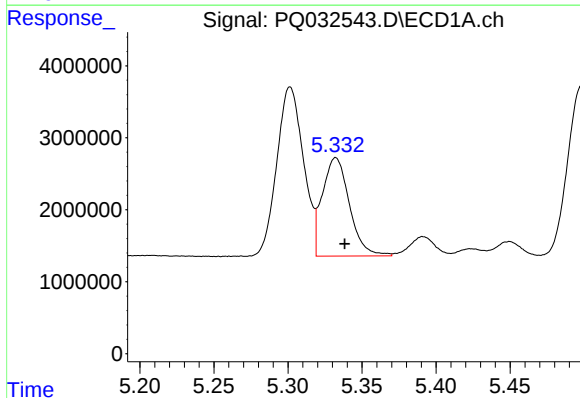
R.T.: 7.320 min
Delta R.T.: -0.022 min
Response: 11402543
Conc: 4427.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



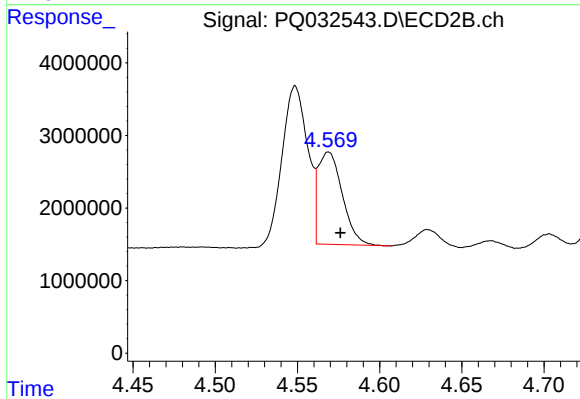
#15 AR-1232-5

R.T.: 6.148 min
Delta R.T.: -0.009 min
Response: 4399346
Conc: 1541.78 ng/ml



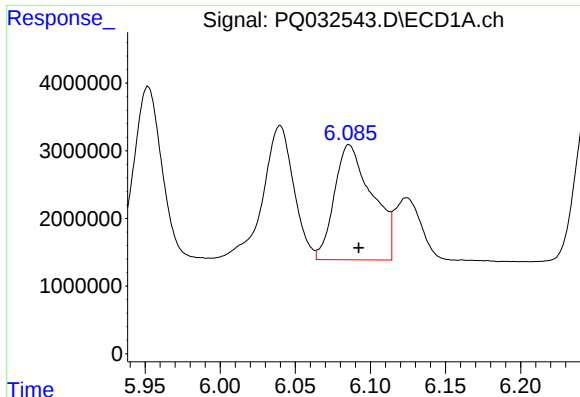
#16 AR-1242-1

R.T.: 5.332 min
Delta R.T.: -0.006 min
Response: 17404803
Conc: 786.63 ng/ml



#16 AR-1242-1

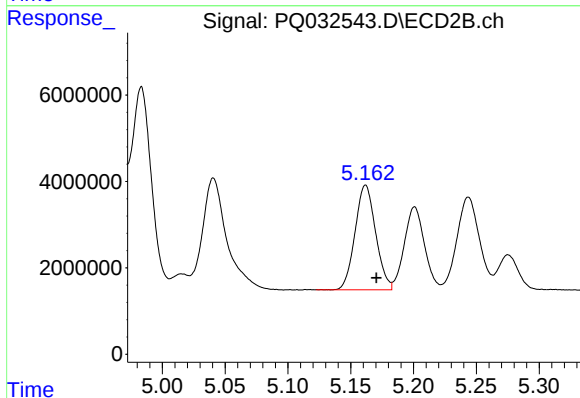
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 13063353
Conc: 657.18 ng/ml



#17 AR-1242-2

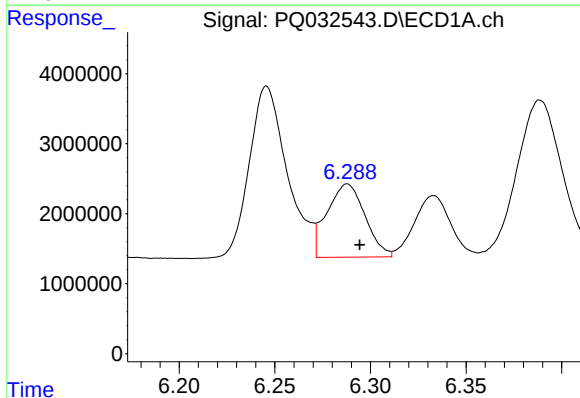
R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 29871433
Conc: 822.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :



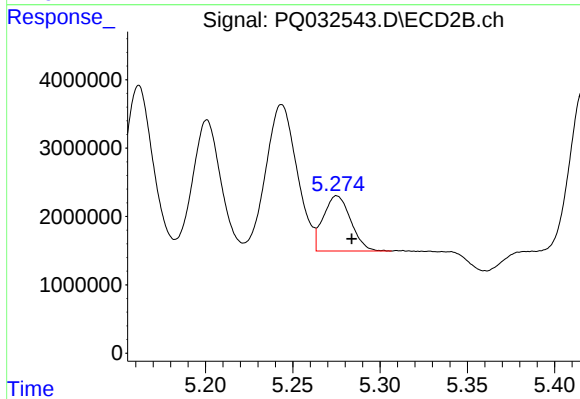
#17 AR-1242-2

R.T.: 5.162 min
Delta R.T.: -0.008 min
Response: 27606156
Conc: 769.50 ng/ml



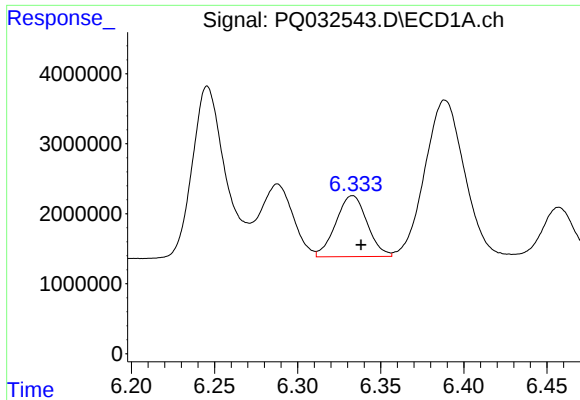
#18 AR-1242-3

R.T.: 6.288 min
Delta R.T.: -0.007 min
Response: 14463095
Conc: 848.71 ng/ml



#18 AR-1242-3

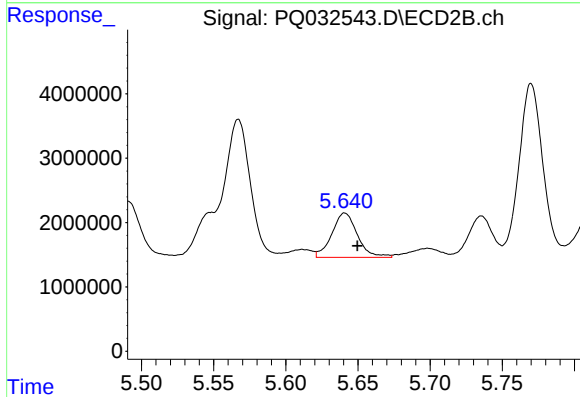
R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 8838820
Conc: 750.75 ng/ml



#19 AR-1242-4

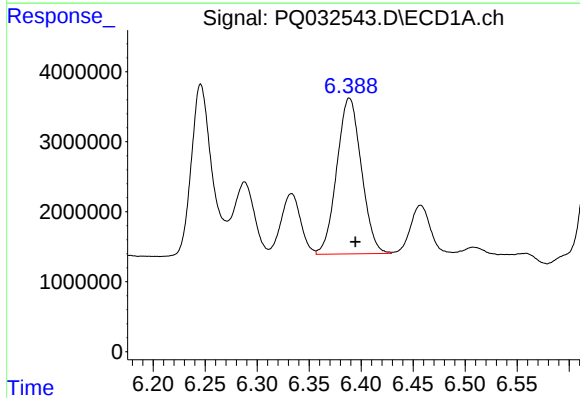
R.T.: 6.333 min
Delta R.T.: -0.005 min
Response: 11433318
Conc: 750.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



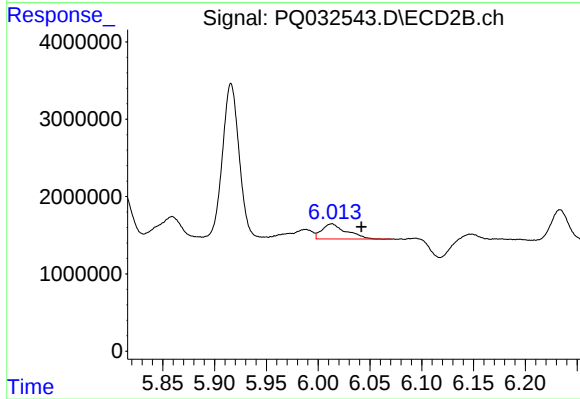
#19 AR-1242-4

R.T.: 5.641 min
Delta R.T.: -0.009 min
Response: 8525816
Conc: 817.63 ng/ml



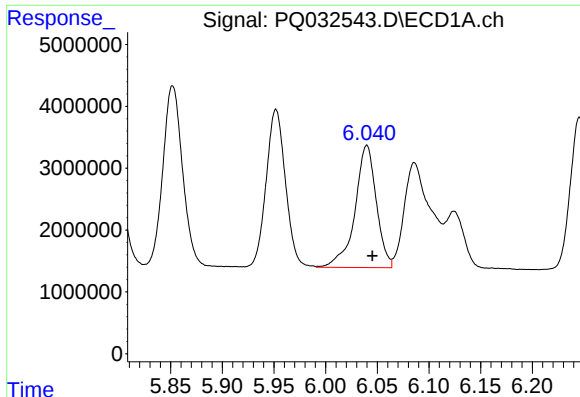
#20 AR-1242-5

R.T.: 6.389 min
Delta R.T.: -0.006 min
Response: 36538771
Conc: 804.13 ng/ml



#20 AR-1242-5

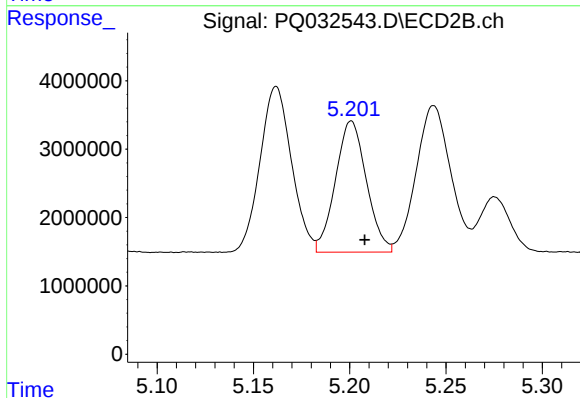
R.T.: 6.013 min
Delta R.T.: -0.028 min
Response: 3234045
Conc: 136.25 ng/ml



#21 AR-1248-1

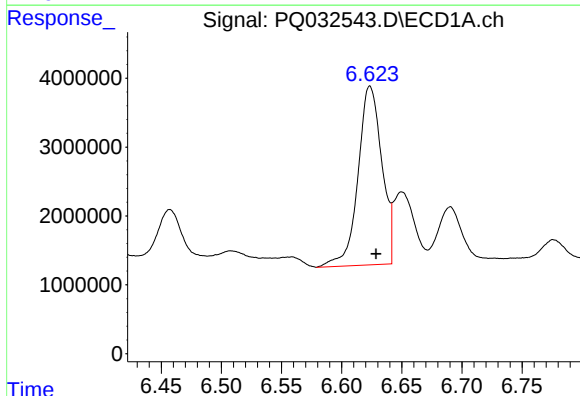
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 28441719
Conc: 491.46 ng/ml

Instrument :
ECD_Q
ClientSampleId :



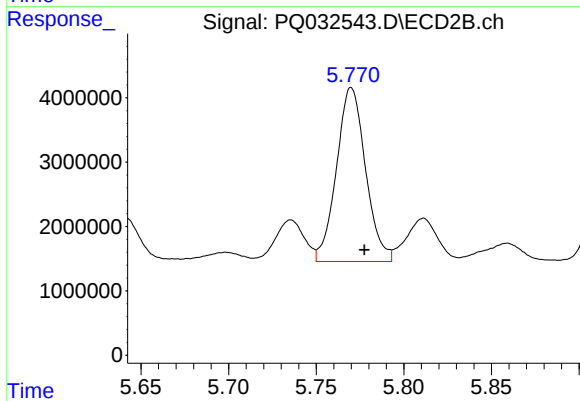
#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 21453617
Conc: 436.20 ng/ml



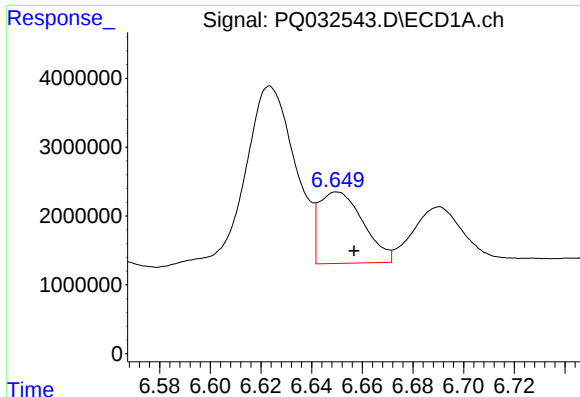
#22 AR-1248-2

R.T.: 6.624 min
Delta R.T.: -0.005 min
Response: 35748585
Conc: 636.02 ng/ml



#22 AR-1248-2

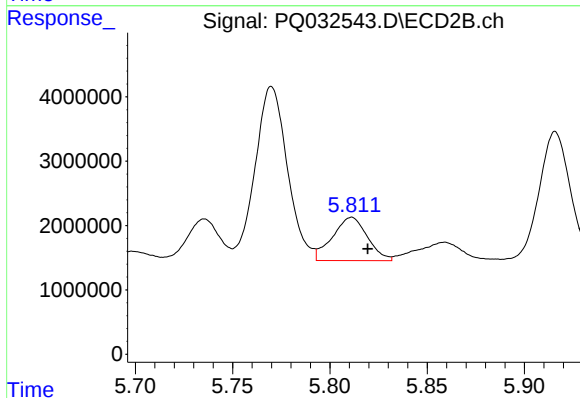
R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 31241779
Conc: 341.75 ng/ml



#23 AR-1248-3

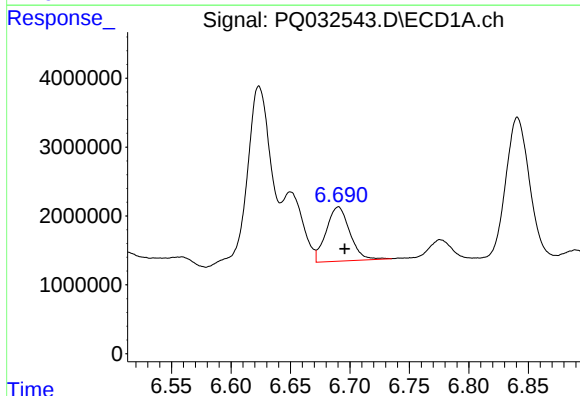
R.T.: 6.650 min
Delta R.T.: -0.007 min
Response: 12531654
Conc: 167.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



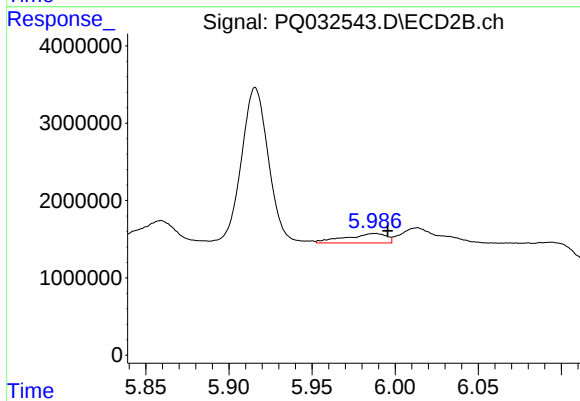
#23 AR-1248-3

R.T.: 5.811 min
Delta R.T.: -0.008 min
Response: 8421204
Conc: 133.15 ng/ml



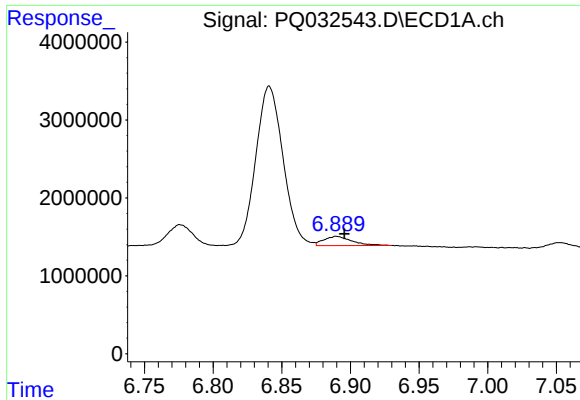
#24 AR-1248-4

R.T.: 6.690 min
Delta R.T.: -0.005 min
Response: 10872599
Conc: 153.58 ng/ml



#24 AR-1248-4

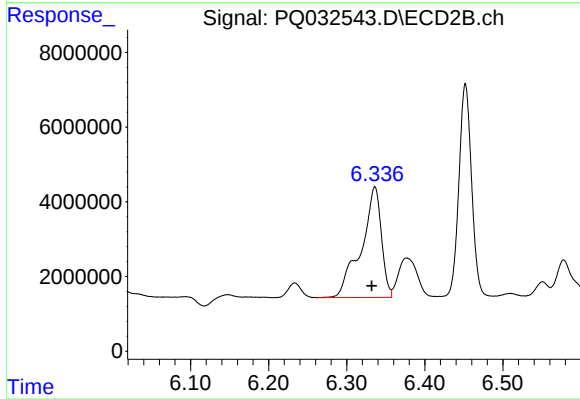
R.T.: 5.988 min
Delta R.T.: -0.008 min
Response: 2090183
Conc: 38.31 ng/ml



#25 AR-1248-5

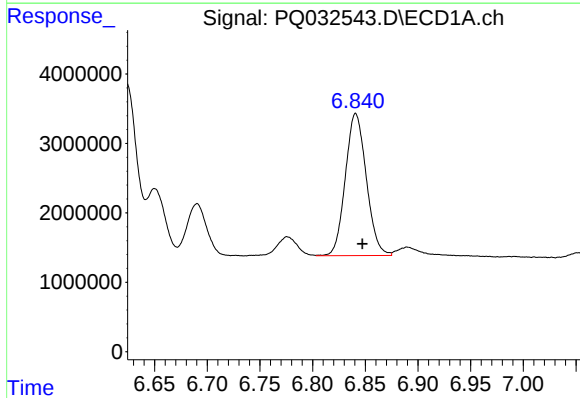
R.T.: 6.890 min
Delta R.T.: -0.005 min
Response: 1709364
Conc: 37.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



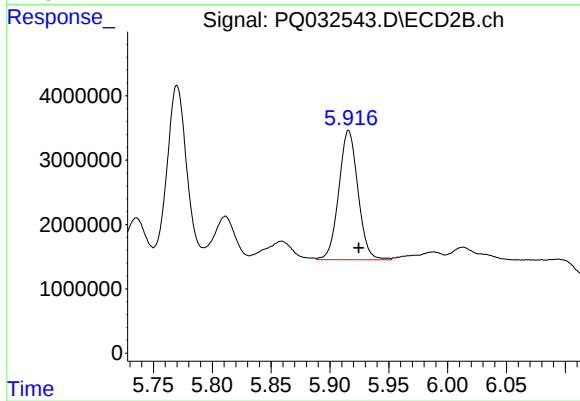
#25 AR-1248-5

R.T.: 6.336 min
Delta R.T.: 0.004 min
Response: 53338403
Conc: 1310.49 ng/ml



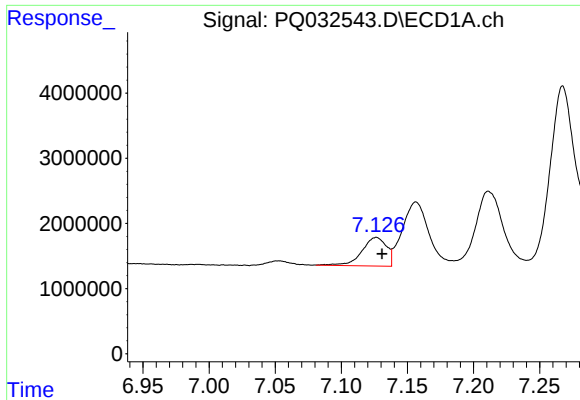
#26 AR-1254-1

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 28380641
Conc: 171.16 ng/ml



#26 AR-1254-1

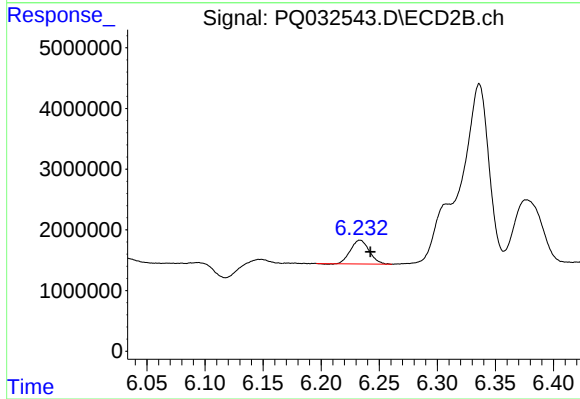
R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 22788716
Conc: 189.53 ng/ml



#27 AR-1254-2

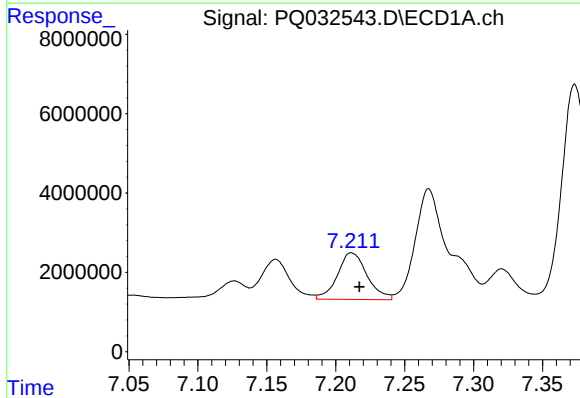
R.T.: 7.126 min
Delta R.T.: -0.004 min
Response: 5711400
Conc: 56.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :



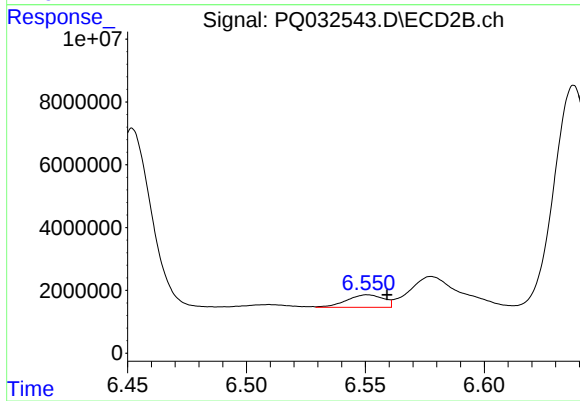
#27 AR-1254-2

R.T.: 6.233 min
Delta R.T.: -0.009 min
Response: 4416562
Conc: 44.69 ng/ml



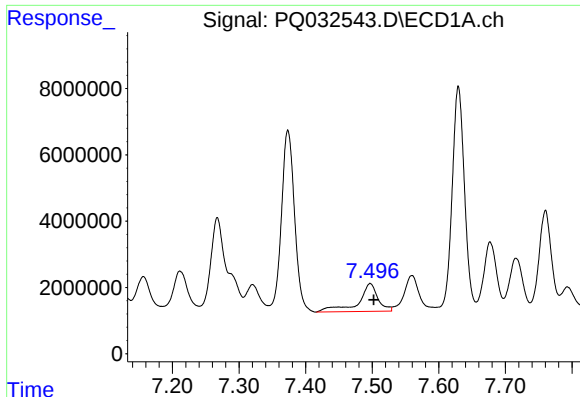
#28 AR-1254-3

R.T.: 7.211 min
Delta R.T.: -0.006 min
Response: 17574566
Conc: 96.64 ng/ml



#28 AR-1254-3

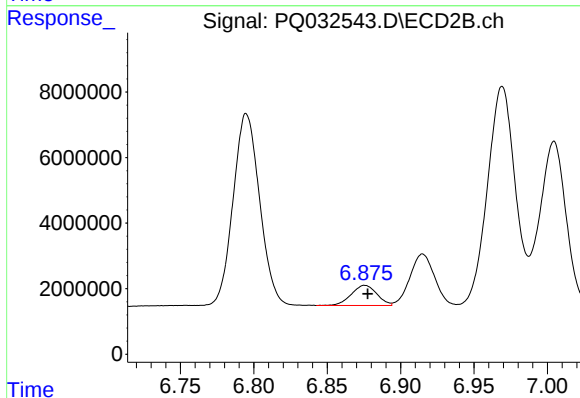
R.T.: 6.551 min
Delta R.T.: -0.008 min
Response: 4287832
Conc: 34.19 ng/ml



#29 AR-1254-4

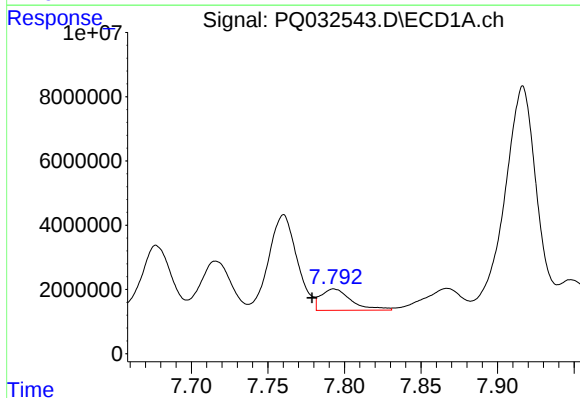
R.T.: 7.497 min
Delta R.T.: -0.006 min
Response: 17458793
Conc: 131.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



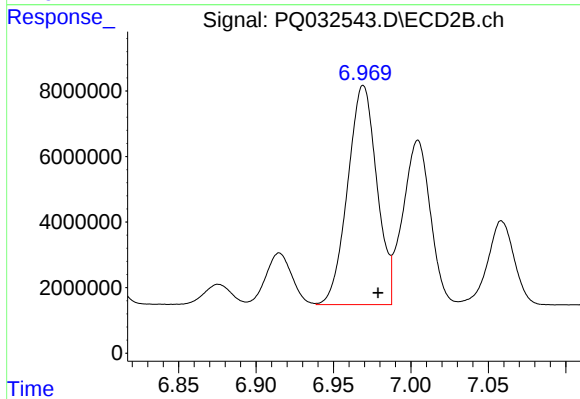
#29 AR-1254-4

R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 7465240
Conc: 84.87 ng/ml



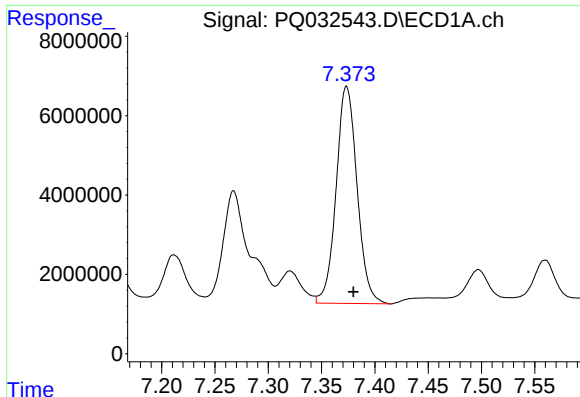
#30 AR-1254-5

R.T.: 7.793 min
Delta R.T.: 0.014 min
Response: 9215218
Conc: 90.13 ng/ml



#30 AR-1254-5

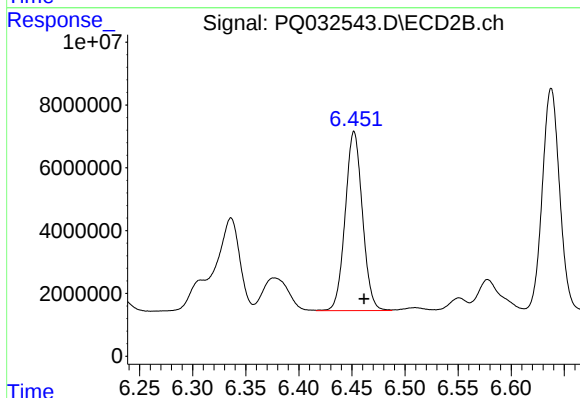
R.T.: 6.969 min
Delta R.T.: -0.009 min
Response: 87721118
Conc: 505.00 ng/ml



#31 AR-1260-1

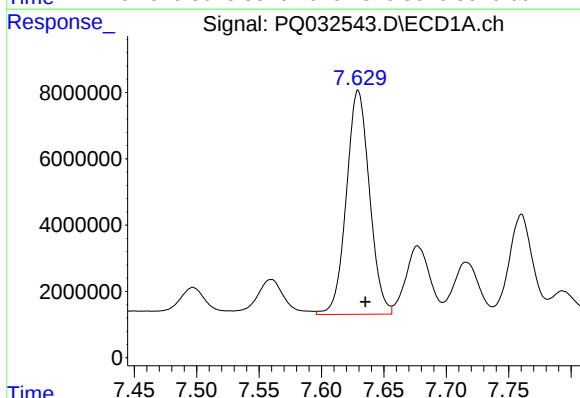
R.T.: 7.373 min
Delta R.T.: -0.006 min
Response: 74916816
Conc: 642.29 ng/ml

Instrument :
ECD_Q
ClientSampleId :



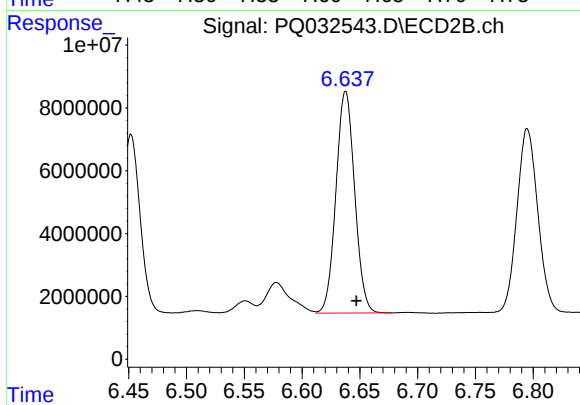
#31 AR-1260-1

R.T.: 6.452 min
Delta R.T.: -0.009 min
Response: 64479342
Conc: 601.80 ng/ml



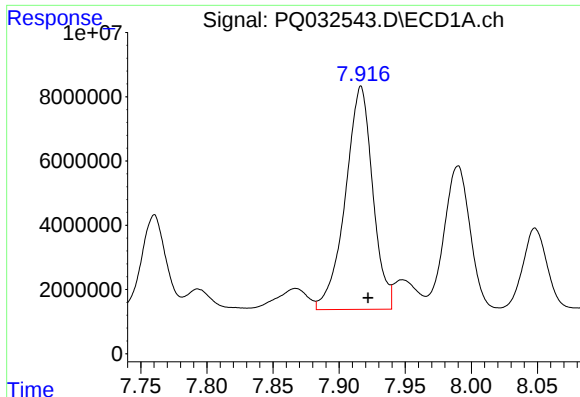
#32 AR-1260-2

R.T.: 7.629 min
Delta R.T.: -0.006 min
Response: 87183943
Conc: 649.69 ng/ml



#32 AR-1260-2

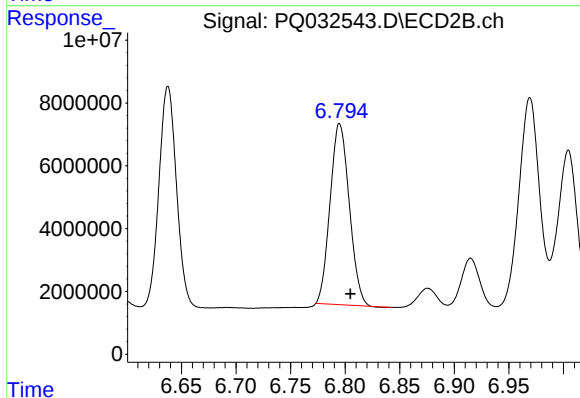
R.T.: 6.638 min
Delta R.T.: -0.009 min
Response: 79525187
Conc: 614.83 ng/ml



#33 AR-1260-3

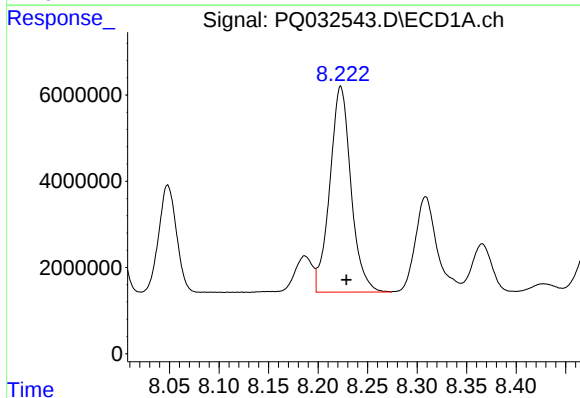
R.T.: 7.917 min
Delta R.T.: -0.005 min
Response: 100147889
Conc: 646.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



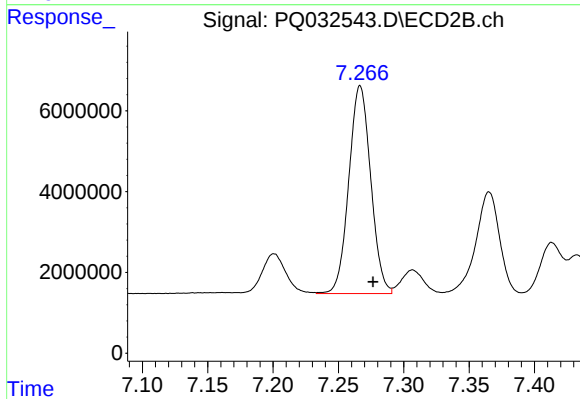
#33 AR-1260-3

R.T.: 6.795 min
Delta R.T.: -0.010 min
Response: 70680684
Conc: 585.72 ng/ml



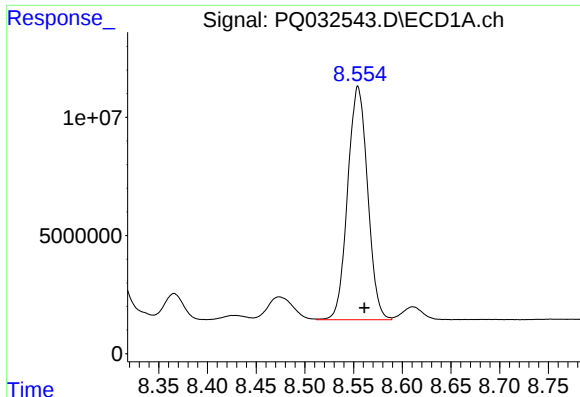
#34 AR-1260-4

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 70884362
Conc: 620.51 ng/ml



#34 AR-1260-4

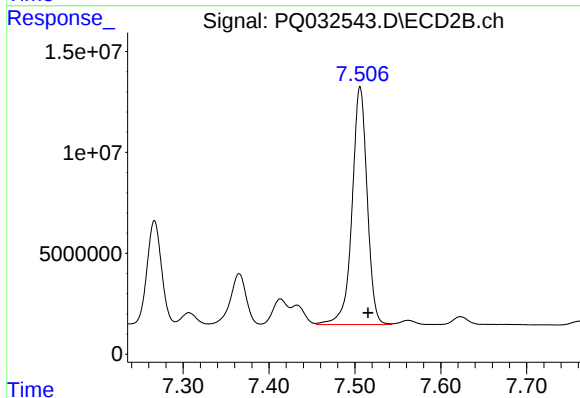
R.T.: 7.267 min
Delta R.T.: -0.010 min
Response: 60037334
Conc: 612.93 ng/ml



#35 AR-1260-5

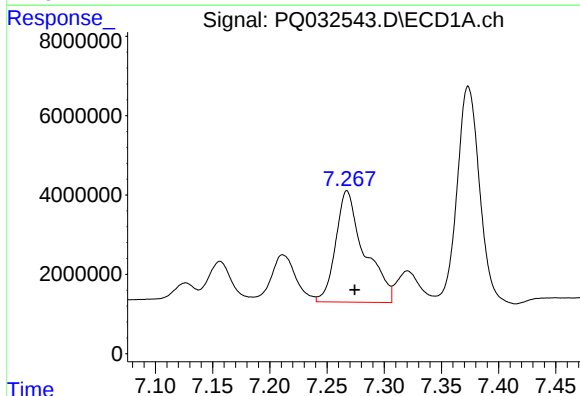
R.T.: 8.555 min
Delta R.T.: -0.006 min
Response: 140845571
Conc: 618.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :



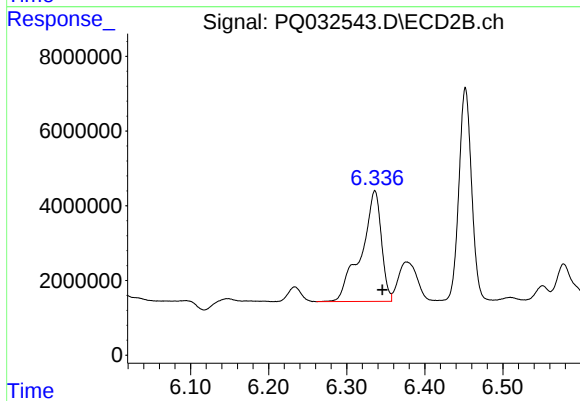
#35 AR-1260-5

R.T.: 7.506 min
Delta R.T.: -0.009 min
Response: 143803346
Conc: 602.19 ng/ml



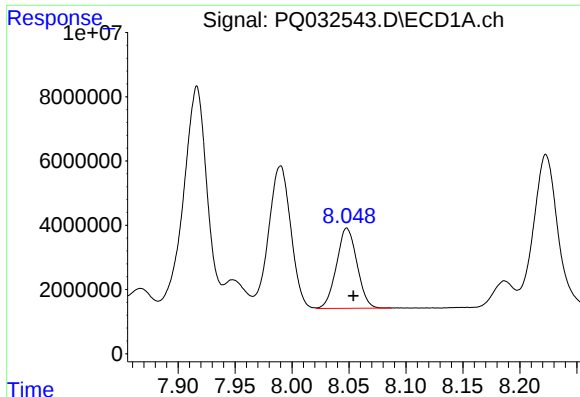
#36 AR-1262-1

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 48933255
Conc: 827.72 ng/ml



#36 AR-1262-1

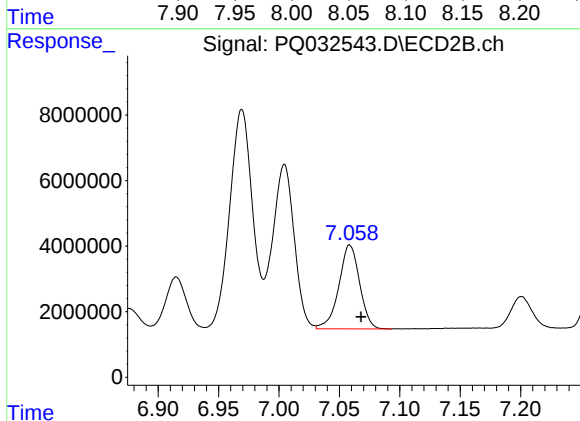
R.T.: 6.336 min
Delta R.T.: -0.009 min
Response: 53338403
Conc: 1012.85 ng/ml



#37 AR-1262-2

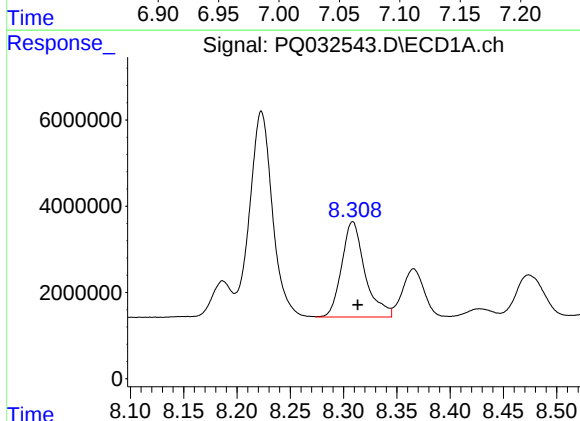
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 31255497
Conc: 620.06 ng/ml

Instrument :
ECD_Q
ClientSampleId :



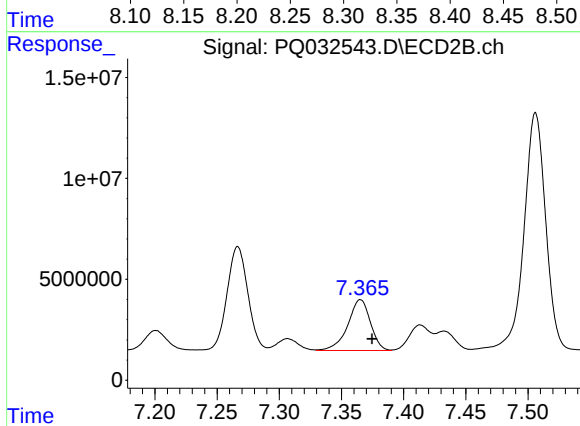
#37 AR-1262-2

R.T.: 7.059 min
Delta R.T.: -0.010 min
Response: 30643937
Conc: 607.37 ng/ml



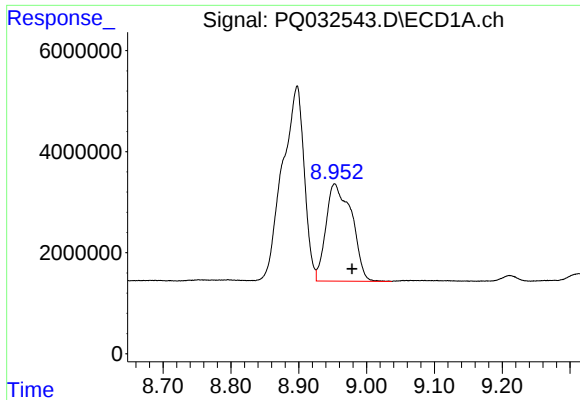
#38 AR-1262-3

R.T.: 8.309 min
Delta R.T.: -0.005 min
Response: 33659324
Conc: 592.05 ng/ml



#38 AR-1262-3

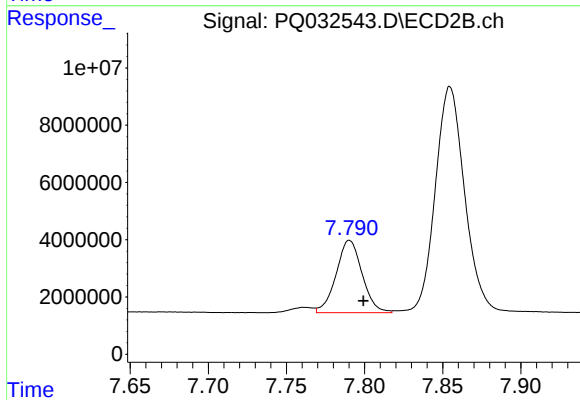
R.T.: 7.365 min
Delta R.T.: -0.009 min
Response: 31853820
Conc: 583.14 ng/ml



#39 AR-1262-4

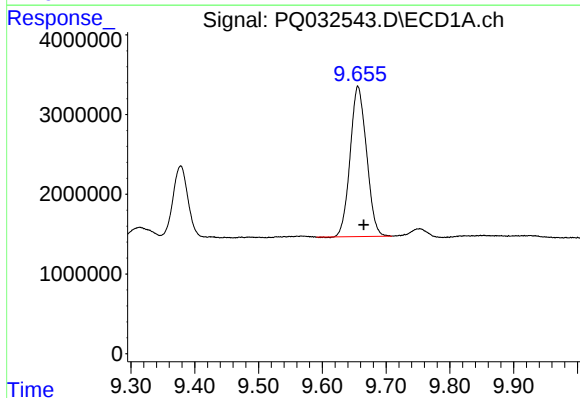
R.T.: 8.953 min
Delta R.T.: -0.026 min
Response: 50720891
Conc: 442.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :



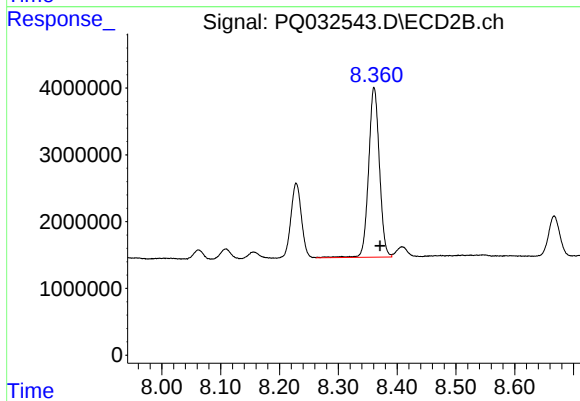
#39 AR-1262-4

R.T.: 7.790 min
Delta R.T.: -0.009 min
Response: 29346002
Conc: 328.34 ng/ml



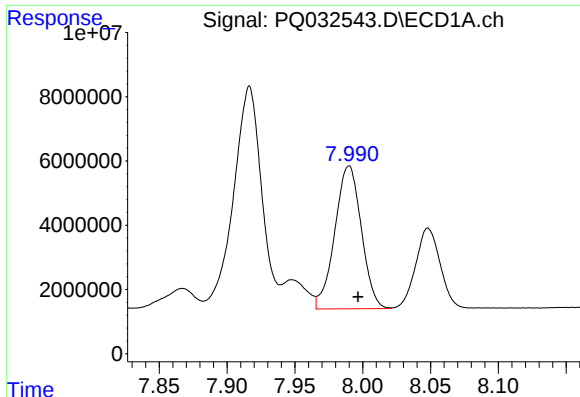
#40 AR-1262-5

R.T.: 9.656 min
Delta R.T.: -0.009 min
Response: 33574616
Conc: 413.04 ng/ml



#40 AR-1262-5

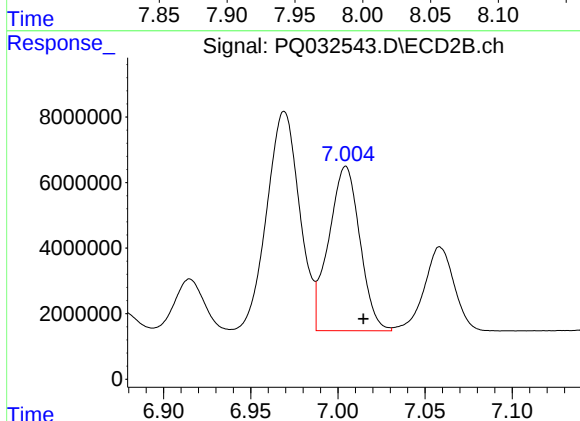
R.T.: 8.361 min
Delta R.T.: -0.010 min
Response: 32444815
Conc: 410.32 ng/ml



#41 AR-1268-1

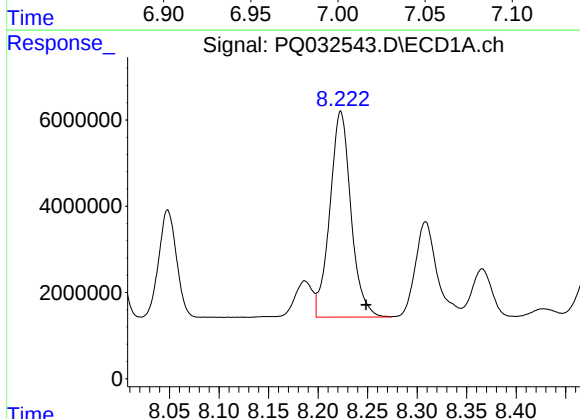
R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 60579077
Conc: 1153.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



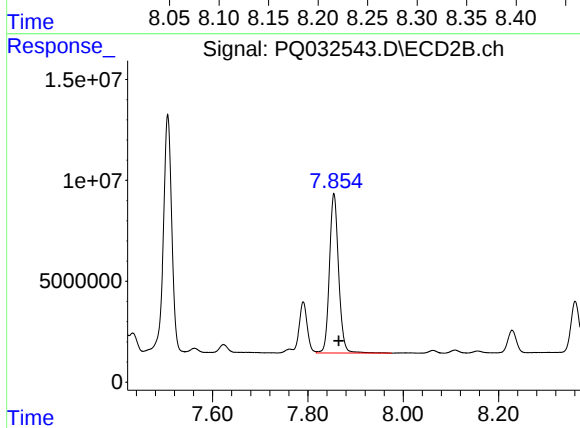
#41 AR-1268-1

R.T.: 7.005 min
Delta R.T.: -0.010 min
Response: 62388413
Conc: 1238.12 ng/ml



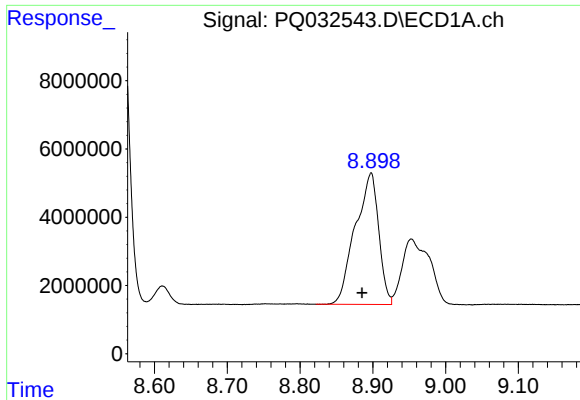
#42 AR-1268-2

R.T.: 8.223 min
Delta R.T.: -0.025 min
Response: 70884362
Conc: 1040.85 ng/ml



#42 AR-1268-2

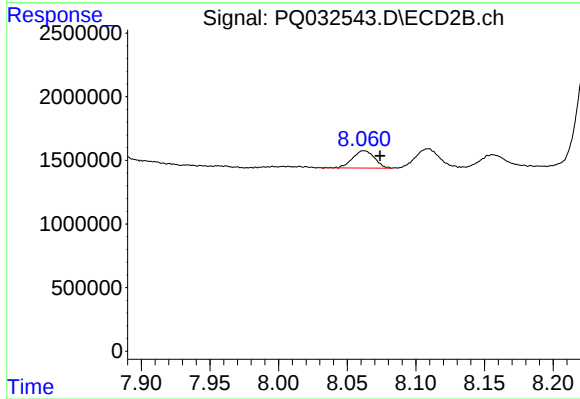
R.T.: 7.855 min
Delta R.T.: -0.010 min
Response: 104989829
Conc: 395.51 ng/ml



#43 AR-1268-3

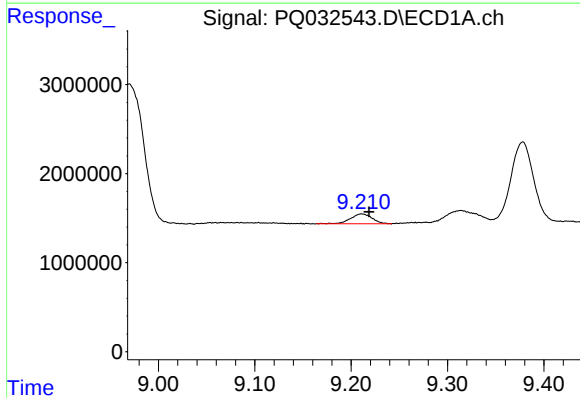
R.T.: 8.898 min
Delta R.T.: 0.013 min
Response: 86036128
Conc: 295.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



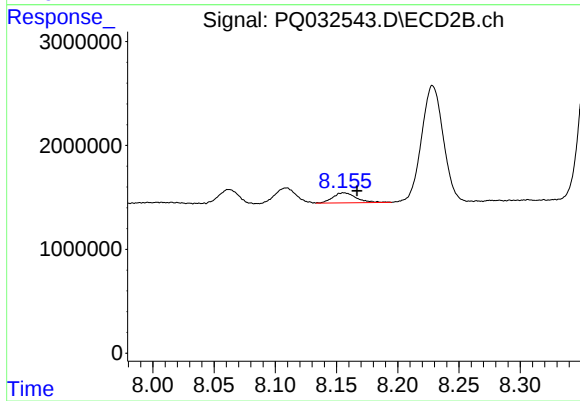
#43 AR-1268-3

R.T.: 8.062 min
Delta R.T.: -0.012 min
Response: 1515328
Conc: 6.94 ng/ml



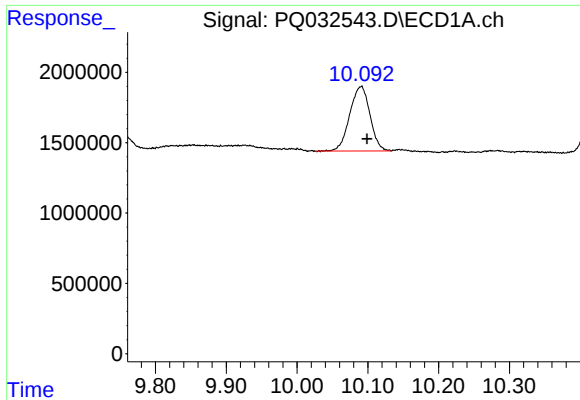
#44 AR-1268-4

R.T.: 9.211 min
Delta R.T.: -0.008 min
Response: 1708824
Conc: 7.56 ng/ml



#44 AR-1268-4

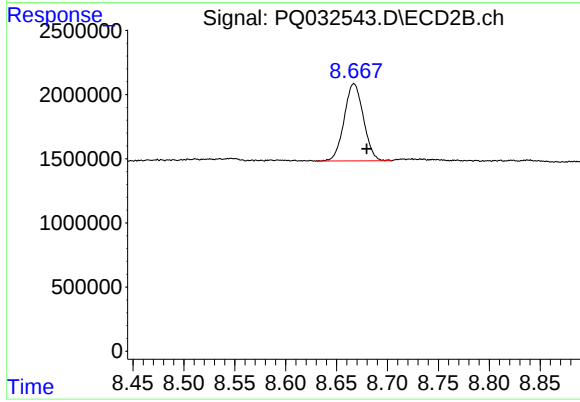
R.T.: 8.156 min
Delta R.T.: -0.011 min
Response: 1295295
Conc: 22.55 ng/ml



#45 AR-1268-5

R.T.: 10.091 min
Delta R.T.: -0.008 min
Response: 9092692
Conc: 12.25 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.667 min
Delta R.T.: -0.012 min
Response: 7912278
Conc: 11.12 ng/ml