

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ100318\
 Data File : PQ032591.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2018 16:38
 Operator : SM\SJ
 Sample : PB113369BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:36:34 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...	4.590	3.867	56389668	45059485	24.319	22.499
2)	SA Decachlor...	10.442	8.937	46121085	36767531	22.124	18.988
Target Compounds							
3)	L1 AR-1016-1	5.302	4.548	14793731	11896003	279.537	246.549
4)	L1 AR-1016-2	5.498	4.964	14809456	17883246	282.408	265.007
5)	L1 AR-1016-3	5.767	4.983	20799903	24862447	282.024	266.105
6)	L1 AR-1016-4	5.852	5.040	18417215	16379638	269.802	275.884
7)	L1 AR-1016-5	6.247	5.417	15310763	13344583	281.156	255.340
8)	L2 AR-1221-1	0.000	4.080	0	1361657	N.D.	67.166 #
9)	L2 AR-1221-2	4.887	4.170	2464593	2397583	140.412	153.466
10)	L2 AR-1221-3	4.965	4.247	10261009	8992587	185.269	183.625
11)	L3 AR-1232-1	5.790	4.743	30158484	12944351	727.614	742.640
12)	L3 AR-1232-2	5.952	4.858	15310931	3670263	740.138	727.414
13)	L3 AR-1232-3	6.124	5.243	4753956	13045586	824.933	831.731
14)	L3 AR-1232-4	6.457	5.567	2770045	11968479	574.261	648.086
15)	L3 AR-1232-5	7.321	6.145	3743954	200503	1453.880	70.268 #
16)	L4 AR-1242-1	5.333	4.569	8342074	6456256	377.028	324.796
17)	L4 AR-1242-2	6.086	5.162	14246550	13299817	392.408	370.720
18)	L4 AR-1242-3	6.288	5.275	6090117	4361171	357.375	370.429
19)	L4 AR-1242-4	6.332	5.640	4238404	3031242	278.367	290.699
20)	L4 AR-1242-5	6.388	6.013	13428679	1357290	295.534	57.182 #
21)	L5 AR-1248-1	6.040	5.201	13058992	10610056	225.652	215.728
22)	L5 AR-1248-2	6.625	5.770	14068434	11220211	250.298	122.738 #
23)	L5 AR-1248-3	6.625	5.810	14068434	1620540	188.085	25.623 #
24)	L5 AR-1248-4	6.691	6.013	1897491	1357290	26.803	24.879
25)	L5 AR-1248-5	6.841	6.335	12801778	23415800	279.879	575.311 #
26)	L6 AR-1254-1	6.841	5.916	12801778	10888059	77.205	90.556
27)	L6 AR-1254-2	7.126	6.232	2346632	2543699	23.070	25.738
28)	L6 AR-1254-3	7.212	6.550	7329342	2466818	40.301	19.670 #
29)	L6 AR-1254-4	7.497	6.875	4807327	3032051	36.078	34.470
30)	L6 AR-1254-5	7.794	6.968	2722677	38366405	26.629	220.873 #
31)	L7 AR-1260-1	7.374	6.451	30507505	28121141	261.551	262.463
32)	L7 AR-1260-2	7.630	6.638	35133648	33300678	261.813	257.457
33)	L7 AR-1260-3	7.916	6.794	42606373	28788619	274.969	238.565
34)	L7 AR-1260-4	8.223	7.267	27058587	20597303	236.865	210.281
35)	L7 AR-1260-5	8.554	7.505	51529630	52767422	226.213	220.970
36)	L8 AR-1262-1	7.268	6.335	19412427	23415800	328.365	444.645 #
37)	L8 AR-1262-2	8.048	7.058	11628578	13258733	230.694	262.793
38)	L8 AR-1262-3	8.308	7.364	12959225	12265623	227.947	224.543
39)	L8 AR-1262-4	8.953	7.790	17693075	10265102	154.368	114.851 #
40)	L8 AR-1262-5	9.658	8.361	12154387	11307443	149.526	143.003
41)	L9 AR-1268-1	7.990	7.004	21995970	23121756	418.666	458.858

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 Sample : PB113369BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

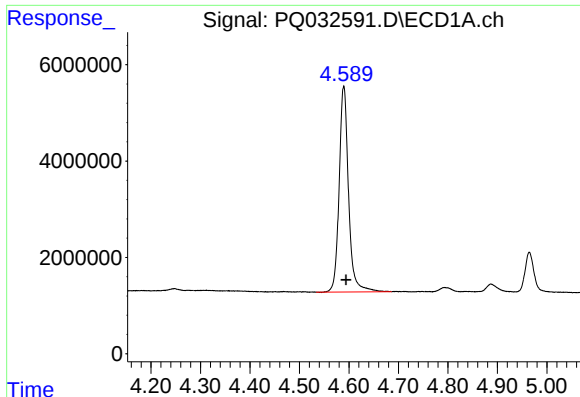
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 02:36:34 2018
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ091818.M
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 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	7.854	27058587	37793096	397.321	142.371 #
43) L9	AR-1268-3	8.897	8.063	32344714	822703	111.120	3.766 #
44) L9	AR-1268-4	0.000	8.108	0	821460	N.D.	14.299 #
45) L9	AR-1268-5	10.090	8.667	5174753	3588408	6.972	5.044 #

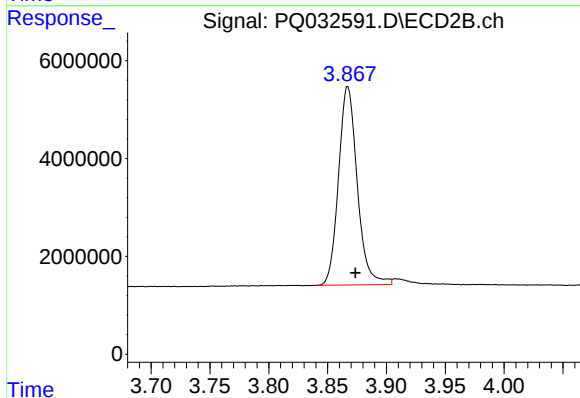
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

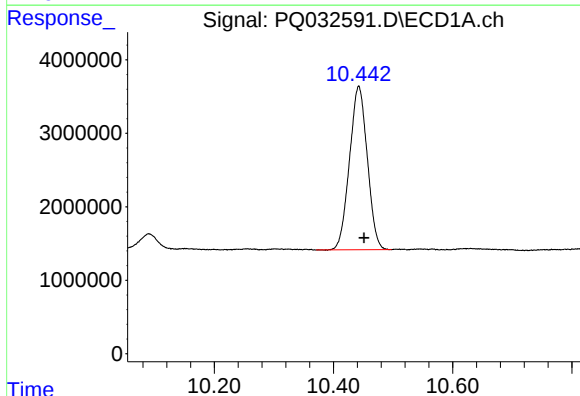
R.T.: 4.590 min
Delta R.T.: -0.004 min
Response: 56389668
Conc: 24.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



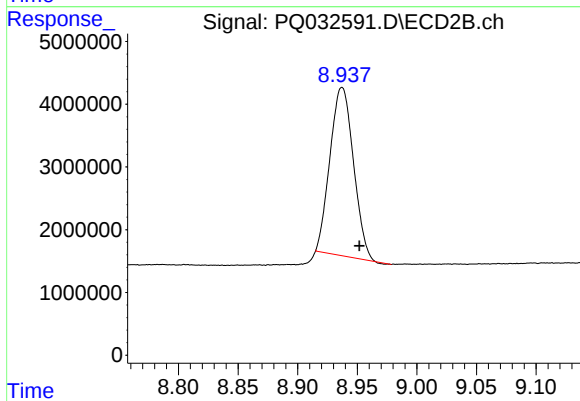
#1 Tetrachloro-m-xylene

R.T.: 3.867 min
Delta R.T.: -0.007 min
Response: 45059485
Conc: 22.50 ng/ml



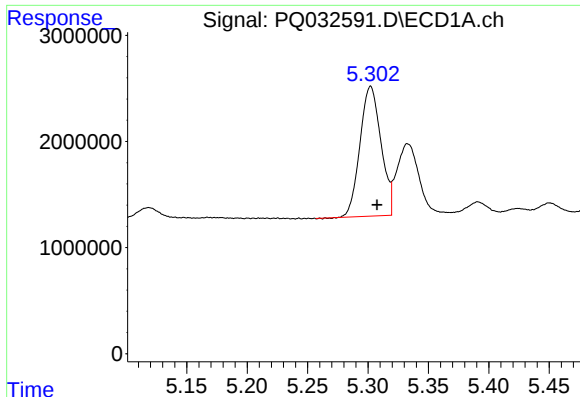
#2 Decachlorobiphenyl

R.T.: 10.442 min
Delta R.T.: -0.009 min
Response: 46121085
Conc: 22.12 ng/ml



#2 Decachlorobiphenyl

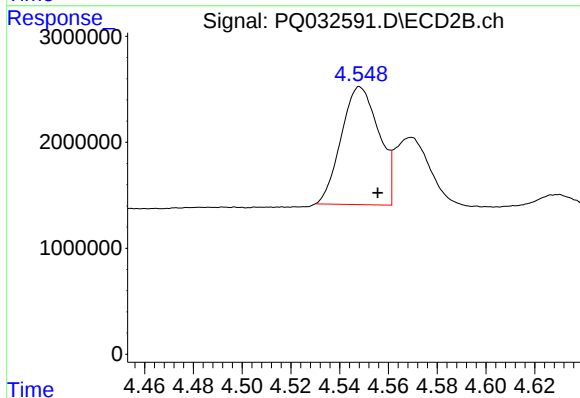
R.T.: 8.937 min
Delta R.T.: -0.015 min
Response: 36767531
Conc: 18.99 ng/ml



#3 AR-1016-1

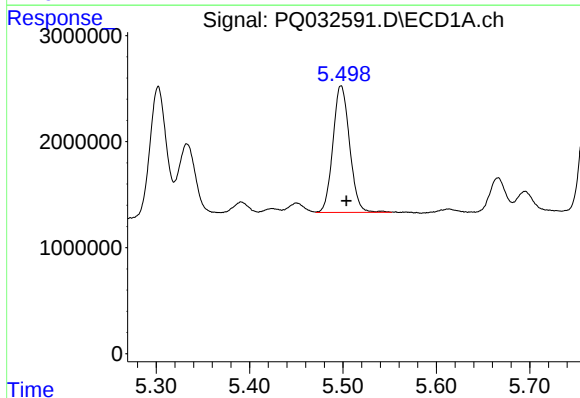
R.T.: 5.302 min
Delta R.T.: -0.005 min
Response: 14793731
Conc: 279.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :



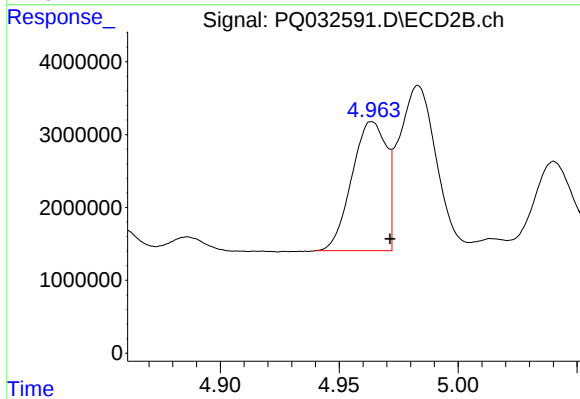
#3 AR-1016-1

R.T.: 4.548 min
Delta R.T.: -0.007 min
Response: 11896003
Conc: 246.55 ng/ml



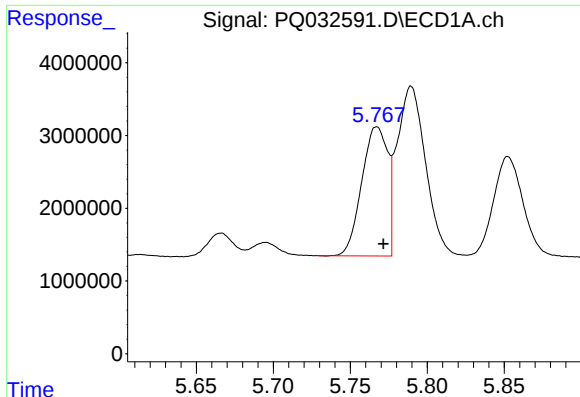
#4 AR-1016-2

R.T.: 5.498 min
Delta R.T.: -0.006 min
Response: 14809456
Conc: 282.41 ng/ml



#4 AR-1016-2

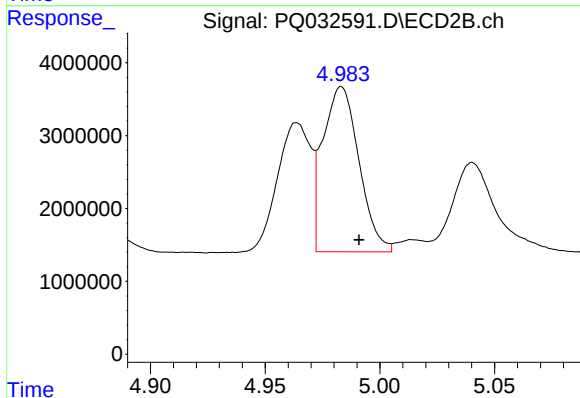
R.T.: 4.964 min
Delta R.T.: -0.008 min
Response: 17883246
Conc: 265.01 ng/ml



#5 AR-1016-3

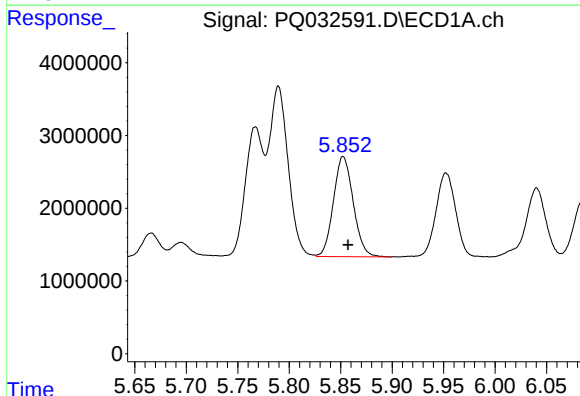
R.T.: 5.767 min
Delta R.T.: -0.004 min
Response: 20799903
Conc: 282.02 ng/ml

Instrument :
ECD_Q
ClientSampleId :



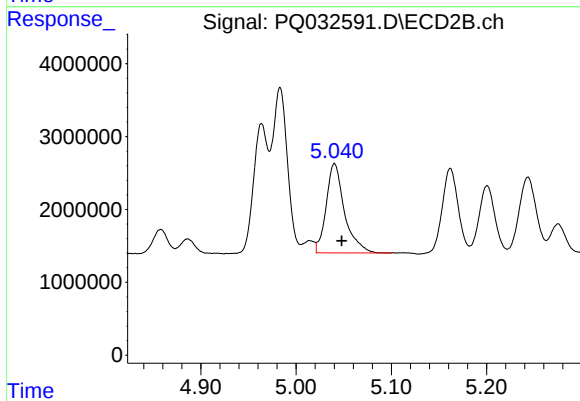
#5 AR-1016-3

R.T.: 4.983 min
Delta R.T.: -0.008 min
Response: 24862447
Conc: 266.11 ng/ml



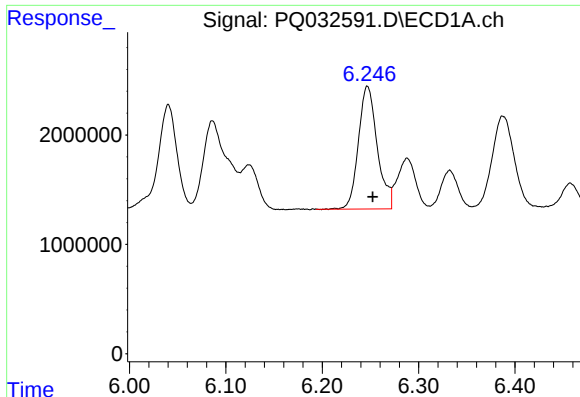
#6 AR-1016-4

R.T.: 5.852 min
Delta R.T.: -0.005 min
Response: 18417215
Conc: 269.80 ng/ml



#6 AR-1016-4

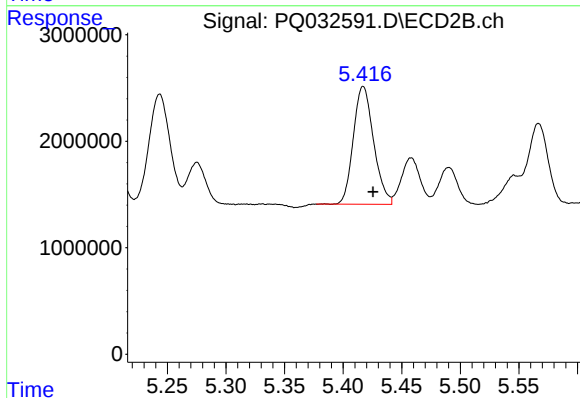
R.T.: 5.040 min
Delta R.T.: -0.007 min
Response: 16379638
Conc: 275.88 ng/ml



#7 AR-1016-5

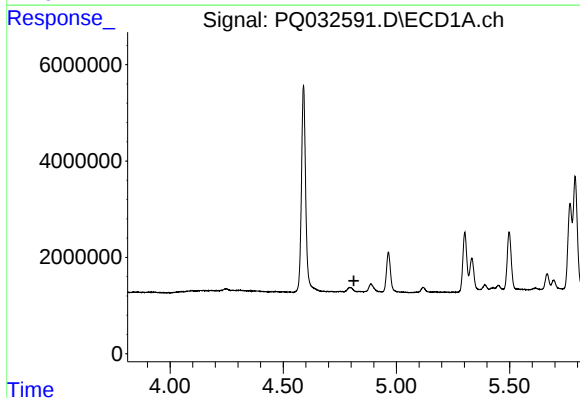
R.T.: 6.247 min
Delta R.T.: -0.005 min
Response: 15310763
Conc: 281.16 ng/ml

Instrument :
ECD_Q
ClientSampleId :



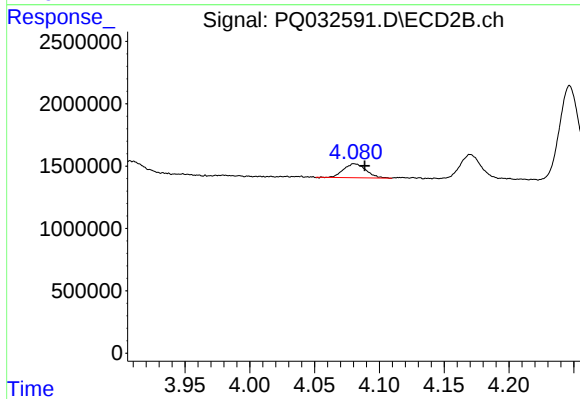
#7 AR-1016-5

R.T.: 5.417 min
Delta R.T.: -0.008 min
Response: 13344583
Conc: 255.34 ng/ml



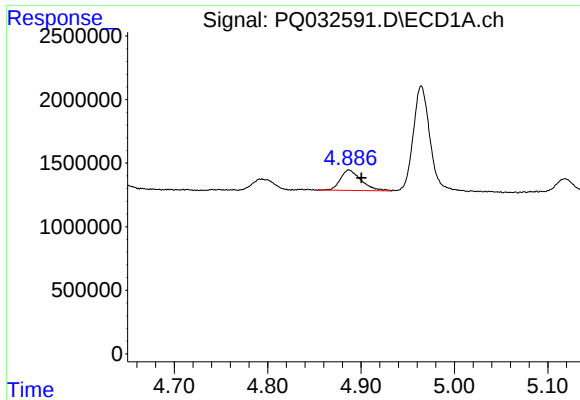
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.812 min
Response: 0
Conc: N.D.



#8 AR-1221-1

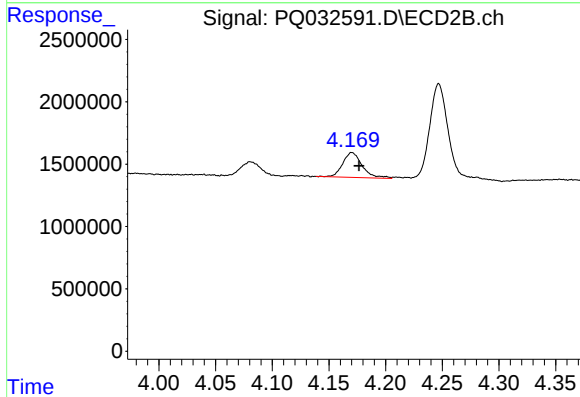
R.T.: 4.080 min
Delta R.T.: -0.008 min
Response: 1361657
Conc: 67.17 ng/ml



#9 AR-1221-2

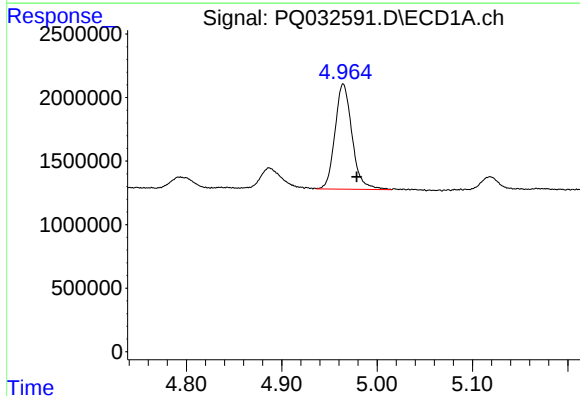
R.T.: 4.887 min
Delta R.T.: -0.013 min
Response: 2464593
Conc: 140.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



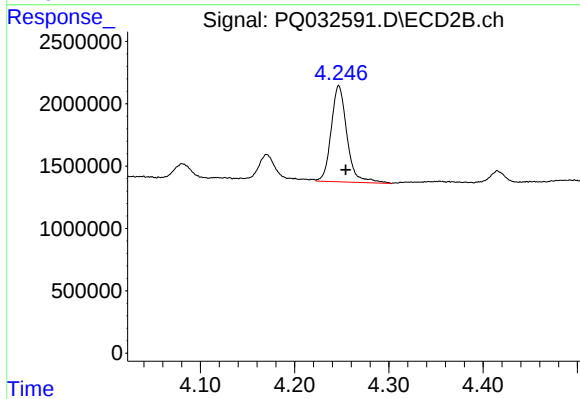
#9 AR-1221-2

R.T.: 4.170 min
Delta R.T.: -0.006 min
Response: 2397583
Conc: 153.47 ng/ml



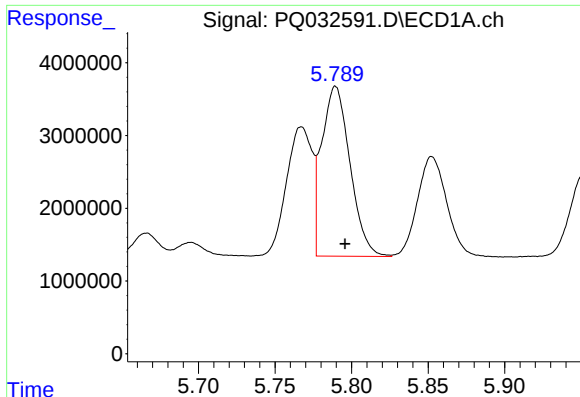
#10 AR-1221-3

R.T.: 4.965 min
Delta R.T.: -0.014 min
Response: 10261009
Conc: 185.27 ng/ml



#10 AR-1221-3

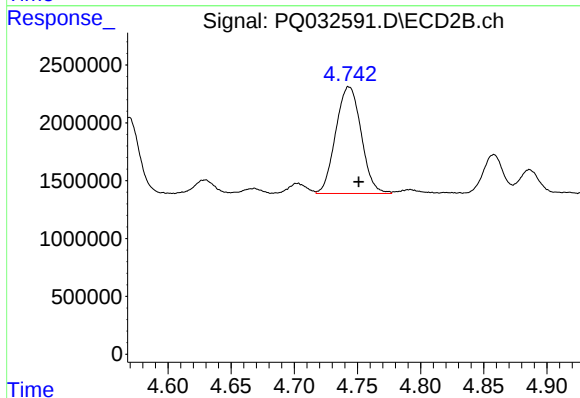
R.T.: 4.247 min
Delta R.T.: -0.007 min
Response: 8992587
Conc: 183.63 ng/ml



#11 AR-1232-1

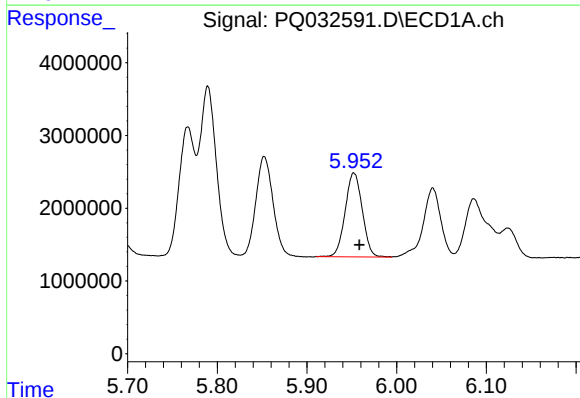
R.T.: 5.790 min
Delta R.T.: -0.006 min
Response: 30158484
Conc: 727.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :



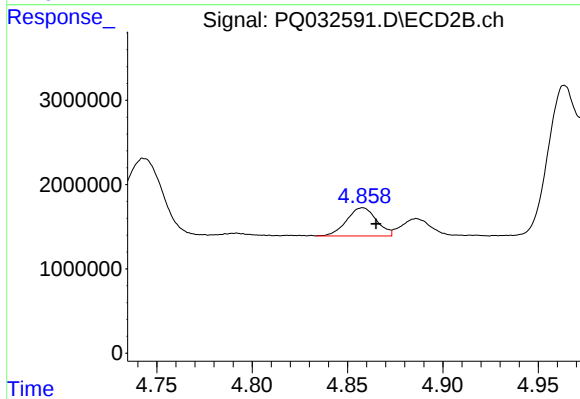
#11 AR-1232-1

R.T.: 4.743 min
Delta R.T.: -0.008 min
Response: 12944351
Conc: 742.64 ng/ml



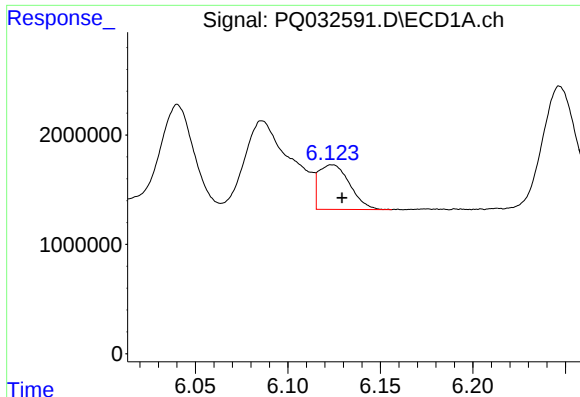
#12 AR-1232-2

R.T.: 5.952 min
Delta R.T.: -0.006 min
Response: 15310931
Conc: 740.14 ng/ml



#12 AR-1232-2

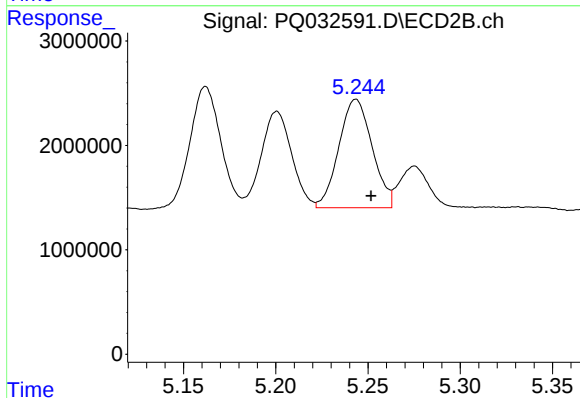
R.T.: 4.858 min
Delta R.T.: -0.007 min
Response: 3670263
Conc: 727.41 ng/ml



#13 AR-1232-3

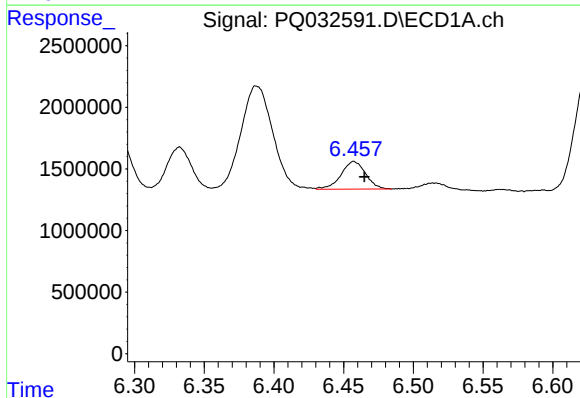
R.T.: 6.124 min
Delta R.T.: -0.005 min
Response: 4753956
Conc: 824.93 ng/ml

Instrument :
ECD_Q
ClientSampleId :



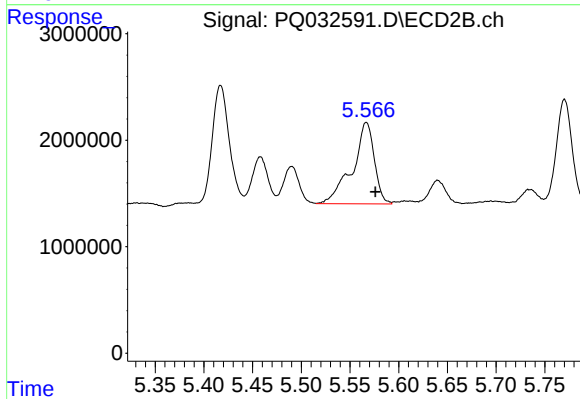
#13 AR-1232-3

R.T.: 5.243 min
Delta R.T.: -0.008 min
Response: 13045586
Conc: 831.73 ng/ml



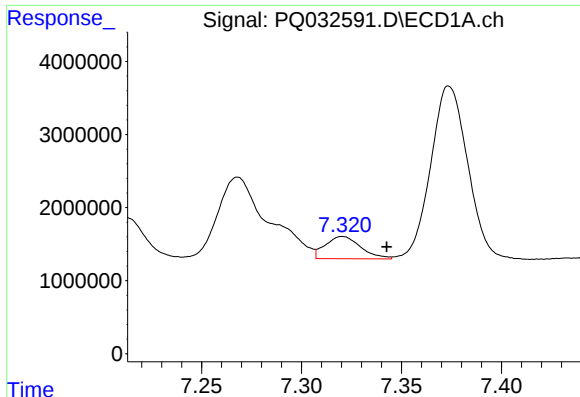
#14 AR-1232-4

R.T.: 6.457 min
Delta R.T.: -0.007 min
Response: 2770045
Conc: 574.26 ng/ml



#14 AR-1232-4

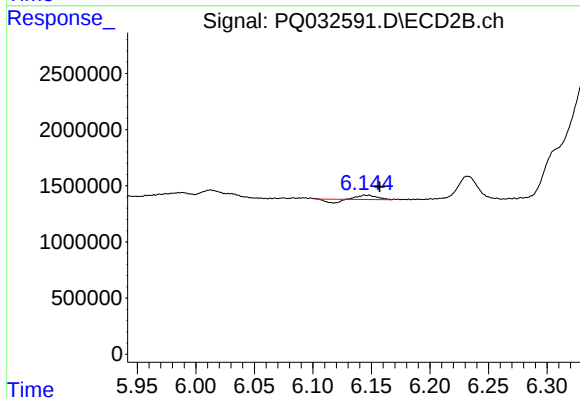
R.T.: 5.567 min
Delta R.T.: -0.009 min
Response: 11968479
Conc: 648.09 ng/ml



#15 AR-1232-5

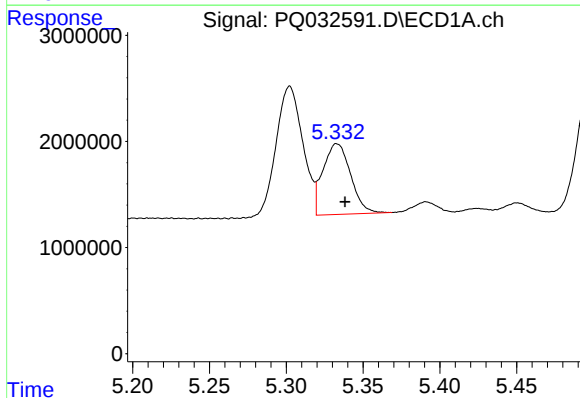
R.T.: 7.321 min
Delta R.T.: -0.022 min
Response: 3743954
Conc: 1453.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



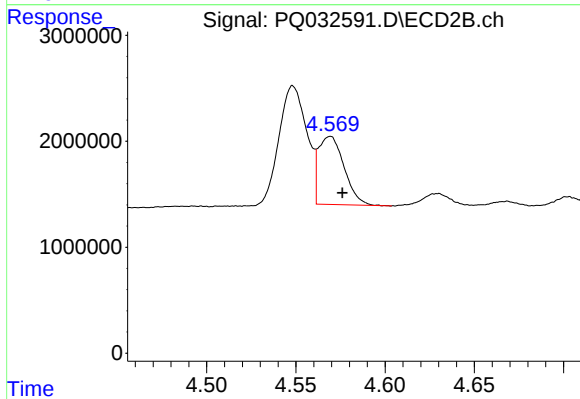
#15 AR-1232-5

R.T.: 6.145 min
Delta R.T.: -0.013 min
Response: 200503
Conc: 70.27 ng/ml



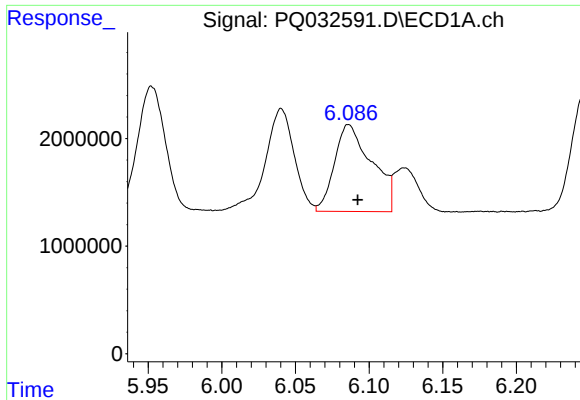
#16 AR-1242-1

R.T.: 5.333 min
Delta R.T.: -0.005 min
Response: 8342074
Conc: 377.03 ng/ml



#16 AR-1242-1

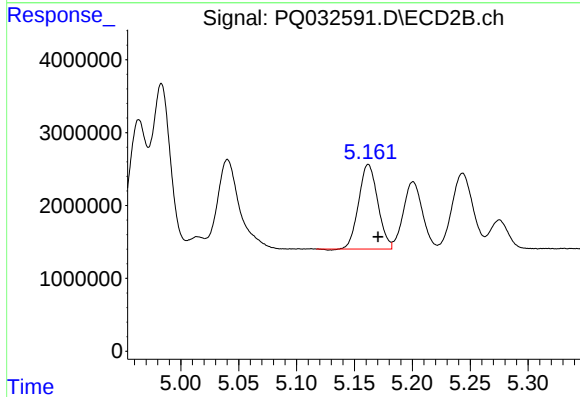
R.T.: 4.569 min
Delta R.T.: -0.007 min
Response: 6456256
Conc: 324.80 ng/ml



#17 AR-1242-2

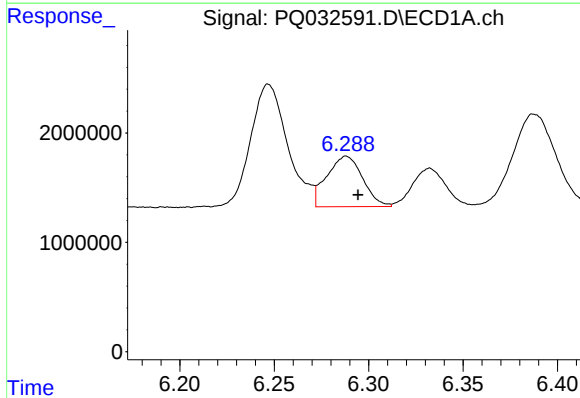
R.T.: 6.086 min
Delta R.T.: -0.006 min
Response: 14246550
Conc: 392.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :



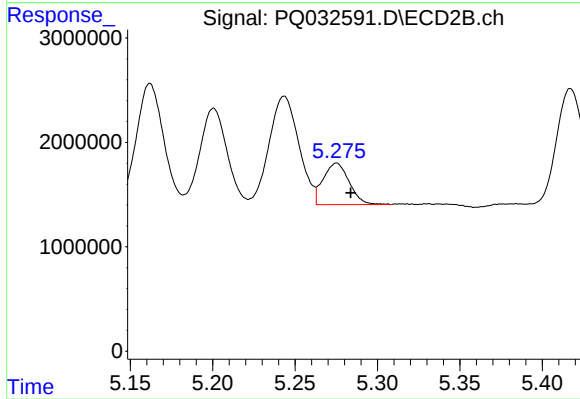
#17 AR-1242-2

R.T.: 5.162 min
Delta R.T.: -0.008 min
Response: 13299817
Conc: 370.72 ng/ml



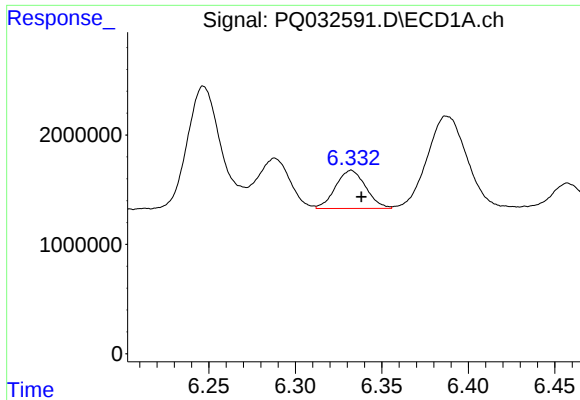
#18 AR-1242-3

R.T.: 6.288 min
Delta R.T.: -0.006 min
Response: 6090117
Conc: 357.37 ng/ml



#18 AR-1242-3

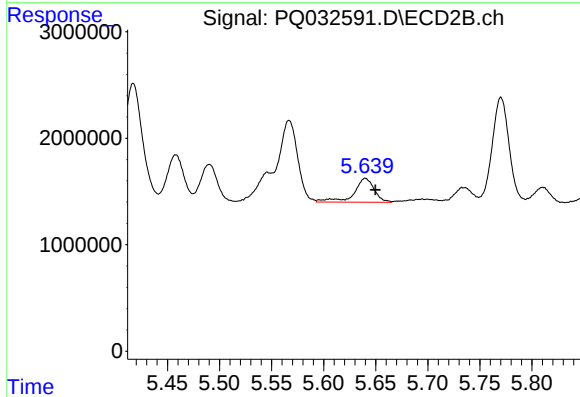
R.T.: 5.275 min
Delta R.T.: -0.009 min
Response: 4361171
Conc: 370.43 ng/ml



#19 AR-1242-4

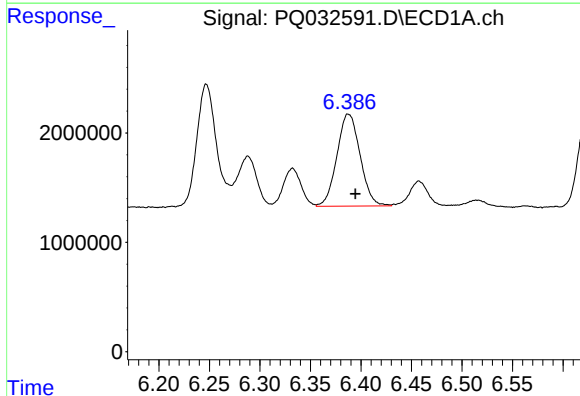
R.T.: 6.332 min
Delta R.T.: -0.006 min
Response: 4238404
Conc: 278.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



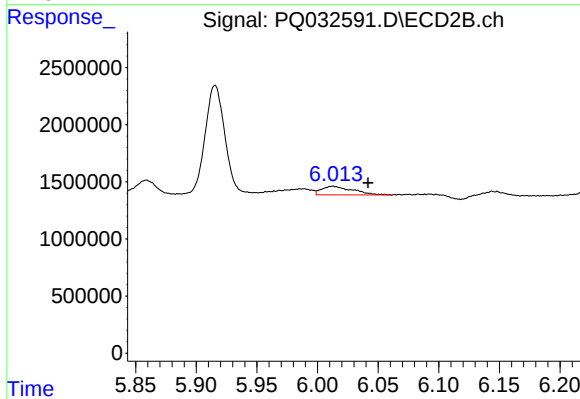
#19 AR-1242-4

R.T.: 5.640 min
Delta R.T.: -0.010 min
Response: 3031242
Conc: 290.70 ng/ml



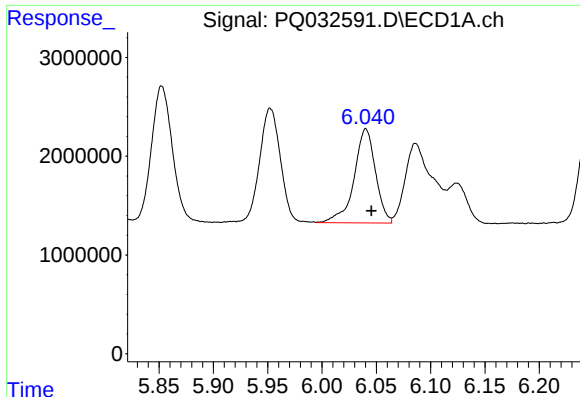
#20 AR-1242-5

R.T.: 6.388 min
Delta R.T.: -0.007 min
Response: 13428679
Conc: 295.53 ng/ml



#20 AR-1242-5

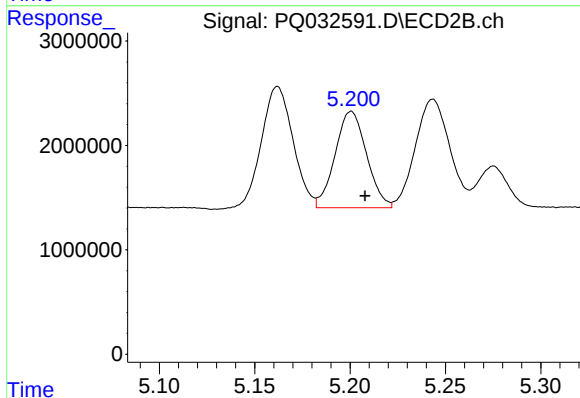
R.T.: 6.013 min
Delta R.T.: -0.029 min
Response: 1357290
Conc: 57.18 ng/ml



#21 AR-1248-1

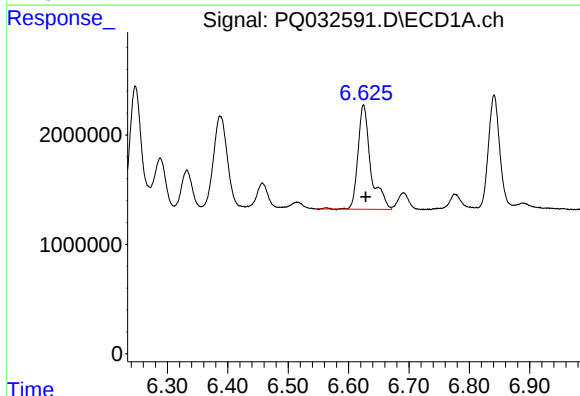
R.T.: 6.040 min
Delta R.T.: -0.005 min
Response: 13058992
Conc: 225.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :



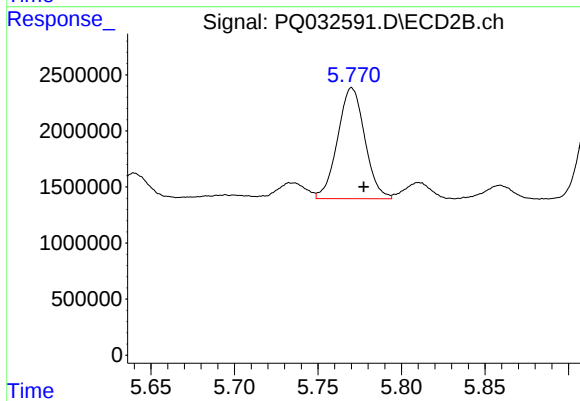
#21 AR-1248-1

R.T.: 5.201 min
Delta R.T.: -0.007 min
Response: 10610056
Conc: 215.73 ng/ml



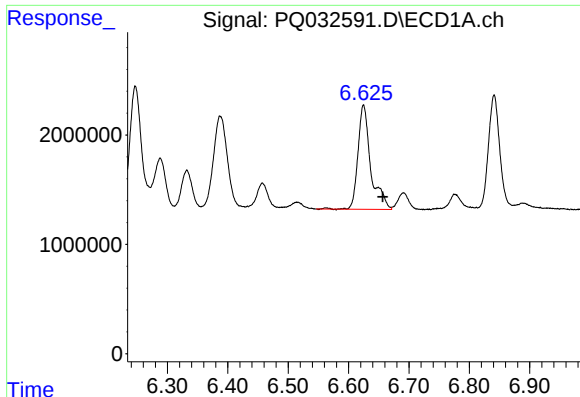
#22 AR-1248-2

R.T.: 6.625 min
Delta R.T.: -0.004 min
Response: 14068434
Conc: 250.30 ng/ml



#22 AR-1248-2

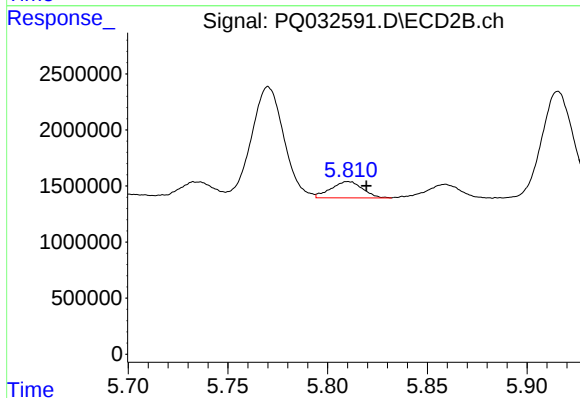
R.T.: 5.770 min
Delta R.T.: -0.007 min
Response: 11220211
Conc: 122.74 ng/ml



#23 AR-1248-3

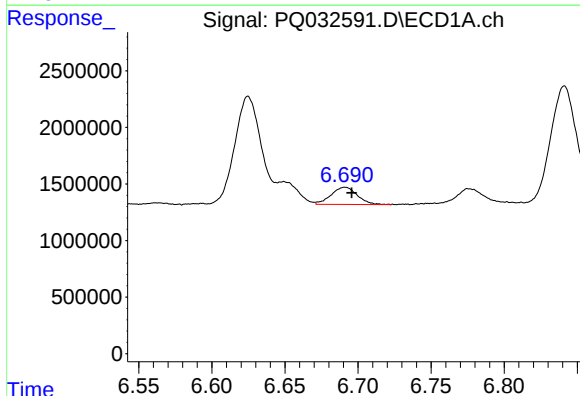
R.T.: 6.625 min
Delta R.T.: -0.032 min
Response: 14068434
Conc: 188.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :



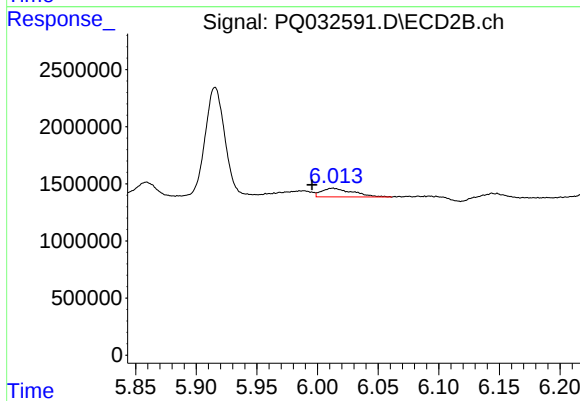
#23 AR-1248-3

R.T.: 5.810 min
Delta R.T.: -0.009 min
Response: 1620540
Conc: 25.62 ng/ml



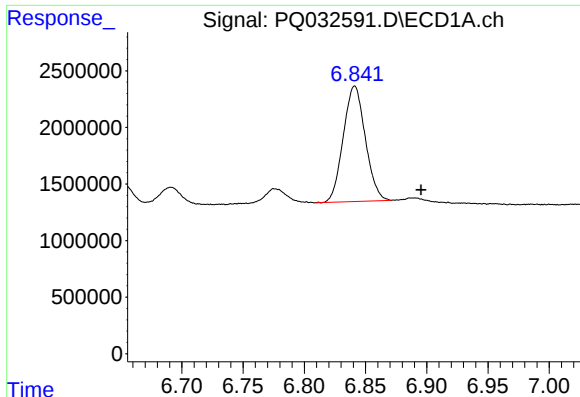
#24 AR-1248-4

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 1897491
Conc: 26.80 ng/ml



#24 AR-1248-4

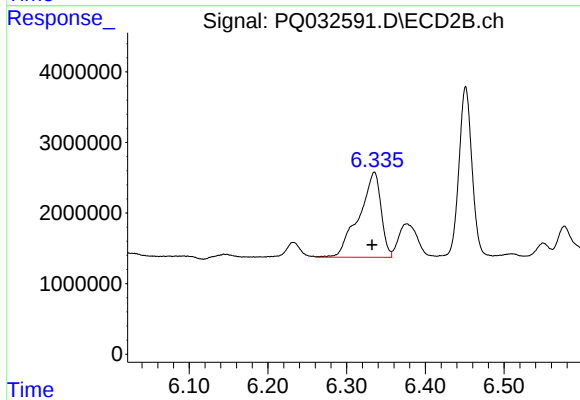
R.T.: 6.013 min
Delta R.T.: 0.017 min
Response: 1357290
Conc: 24.88 ng/ml



#25 AR-1248-5

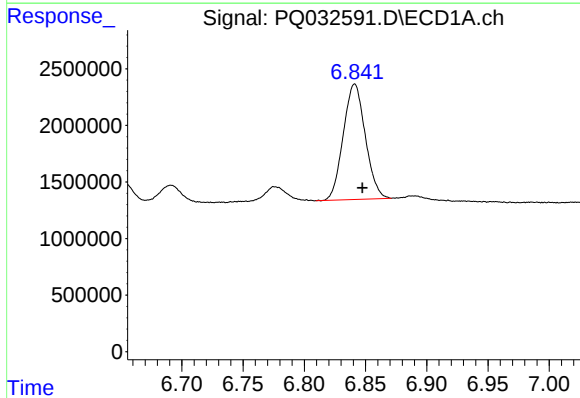
R.T.: 6.841 min
Delta R.T.: -0.054 min
Response: 12801778
Conc: 279.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



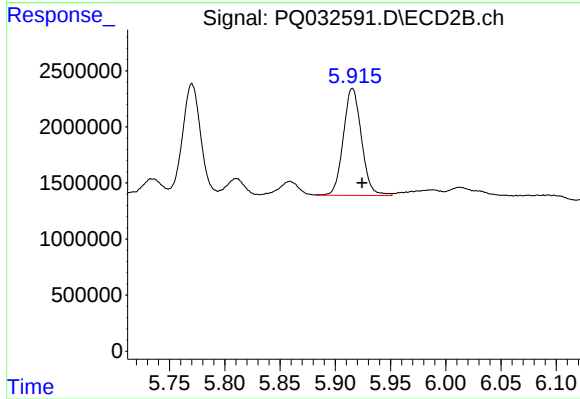
#25 AR-1248-5

R.T.: 6.335 min
Delta R.T.: 0.003 min
Response: 23415800
Conc: 575.31 ng/ml



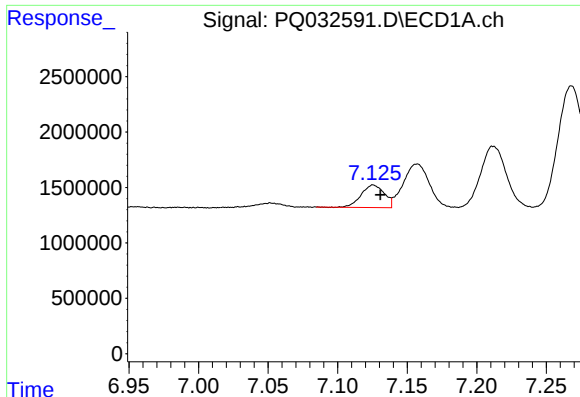
#26 AR-1254-1

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 12801778
Conc: 77.21 ng/ml



#26 AR-1254-1

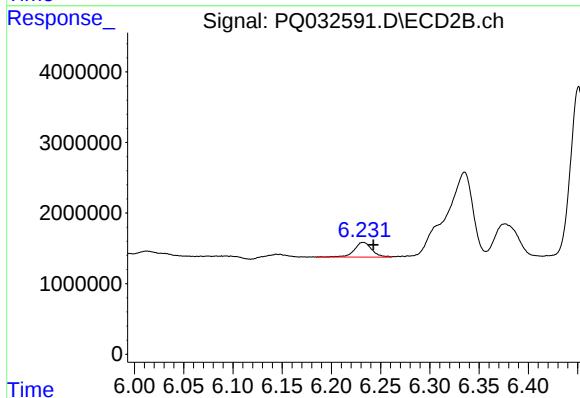
R.T.: 5.916 min
Delta R.T.: -0.009 min
Response: 10888059
Conc: 90.56 ng/ml



#27 AR-1254-2

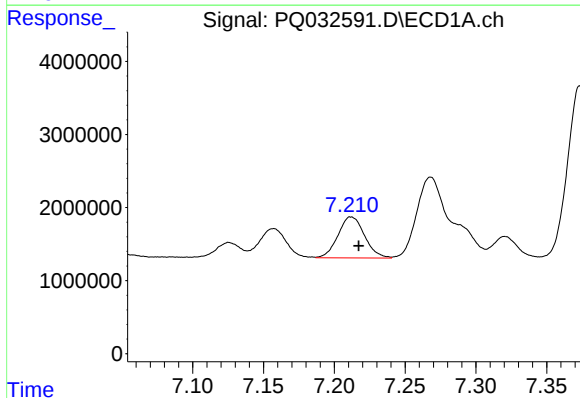
R.T.: 7.126 min
Delta R.T.: -0.005 min
Response: 2346632
Conc: 23.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



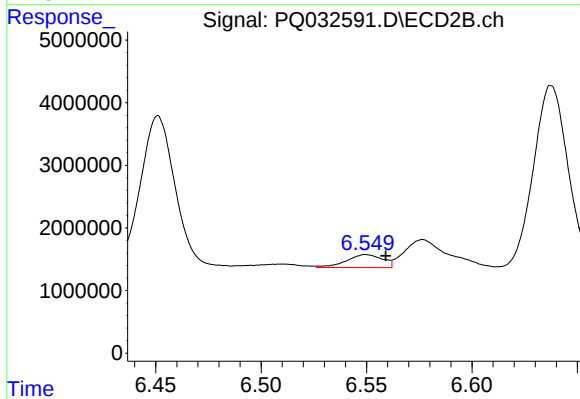
#27 AR-1254-2

R.T.: 6.232 min
Delta R.T.: -0.010 min
Response: 2543699
Conc: 25.74 ng/ml



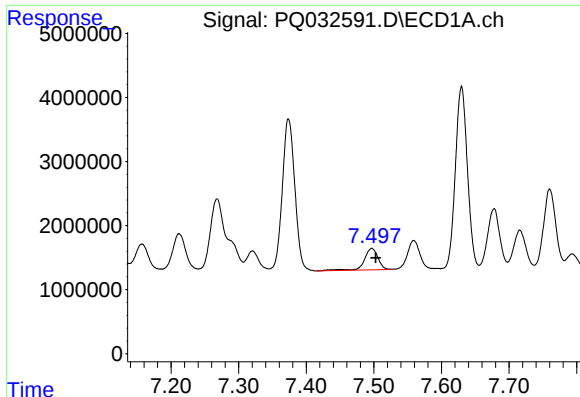
#28 AR-1254-3

R.T.: 7.212 min
Delta R.T.: -0.005 min
Response: 7329342
Conc: 40.30 ng/ml



#28 AR-1254-3

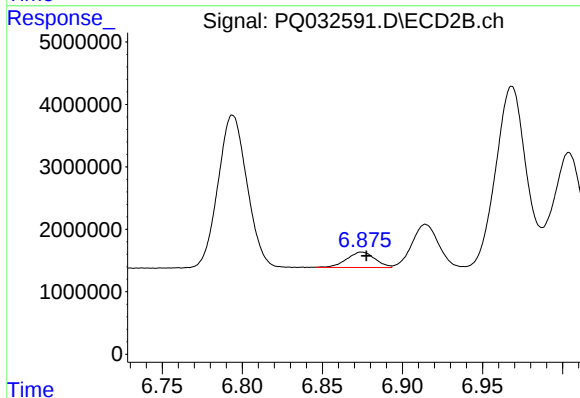
R.T.: 6.550 min
Delta R.T.: -0.009 min
Response: 2466818
Conc: 19.67 ng/ml



#29 AR-1254-4

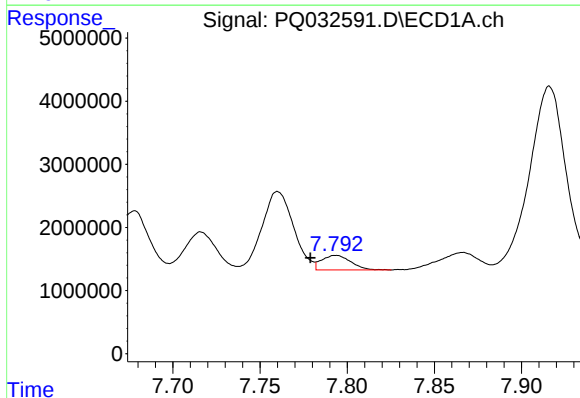
R.T.: 7.497 min
Delta R.T.: -0.006 min
Response: 4807327
Conc: 36.08 ng/ml

Instrument :
ECD_Q
ClientSampleId :



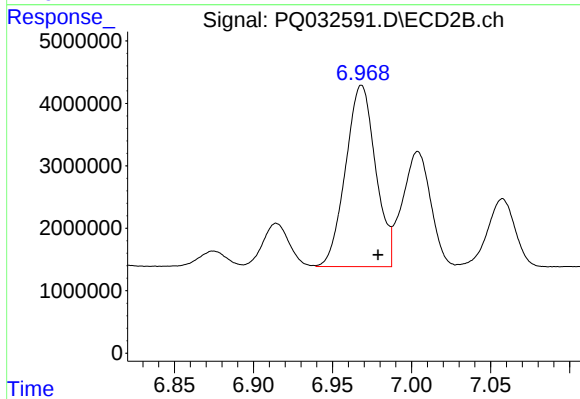
#29 AR-1254-4

R.T.: 6.875 min
Delta R.T.: -0.003 min
Response: 3032051
Conc: 34.47 ng/ml



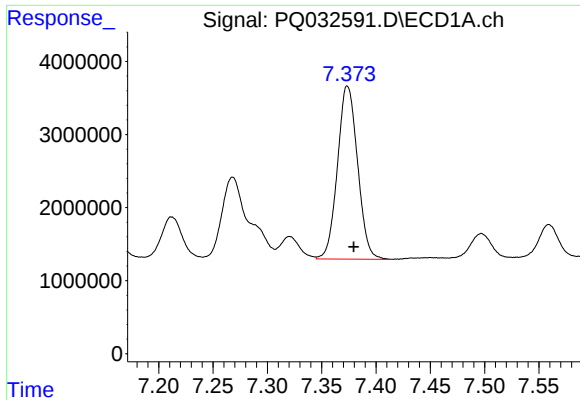
#30 AR-1254-5

R.T.: 7.794 min
Delta R.T.: 0.015 min
Response: 2722677
Conc: 26.63 ng/ml



#30 AR-1254-5

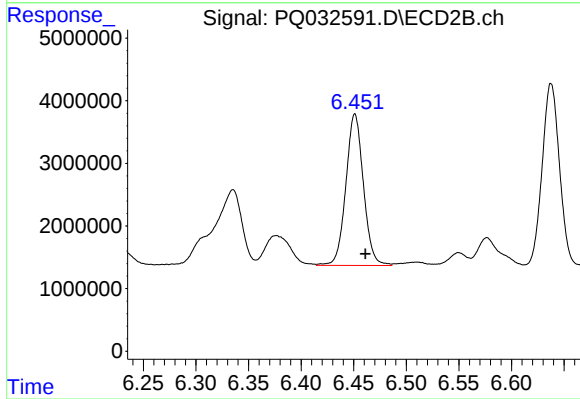
R.T.: 6.968 min
Delta R.T.: -0.010 min
Response: 38366405
Conc: 220.87 ng/ml



#31 AR-1260-1

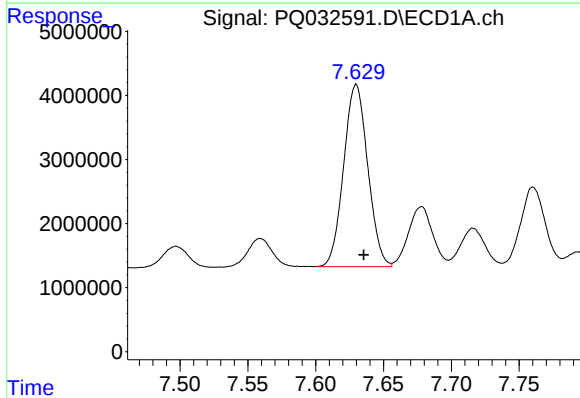
R.T.: 7.374 min
Delta R.T.: -0.006 min
Response: 30507505
Conc: 261.55 ng/ml

Instrument :
ECD_Q
ClientSampleId :



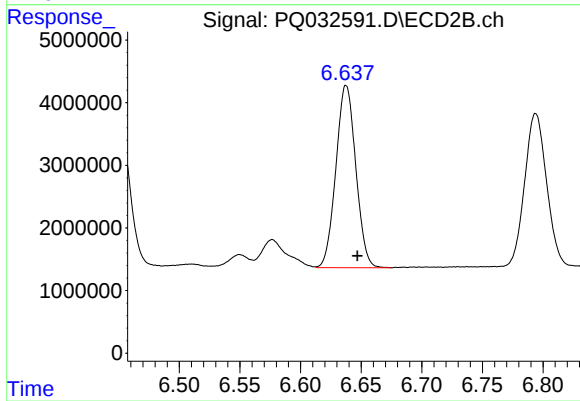
#31 AR-1260-1

R.T.: 6.451 min
Delta R.T.: -0.010 min
Response: 28121141
Conc: 262.46 ng/ml



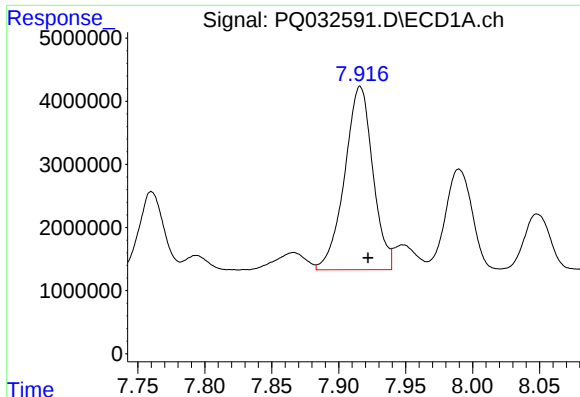
#32 AR-1260-2

R.T.: 7.630 min
Delta R.T.: -0.005 min
Response: 35133648
Conc: 261.81 ng/ml



#32 AR-1260-2

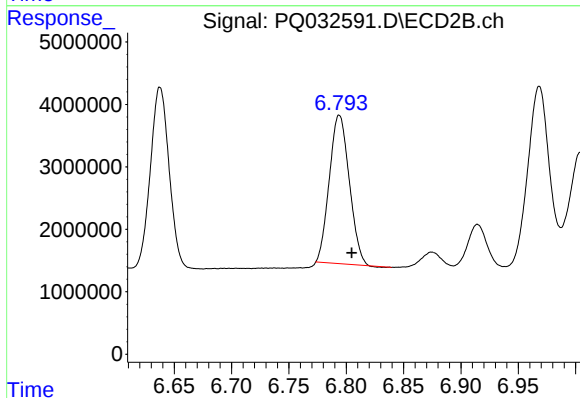
R.T.: 6.638 min
Delta R.T.: -0.009 min
Response: 33300678
Conc: 257.46 ng/ml



#33 AR-1260-3

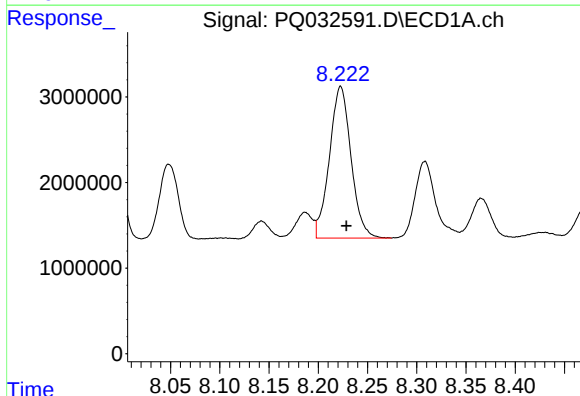
R.T.: 7.916 min
Delta R.T.: -0.006 min
Response: 42606373
Conc: 274.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



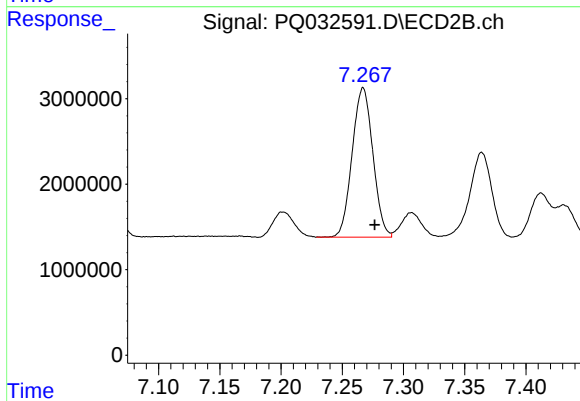
#33 AR-1260-3

R.T.: 6.794 min
Delta R.T.: -0.011 min
Response: 28788619
Conc: 238.57 ng/ml



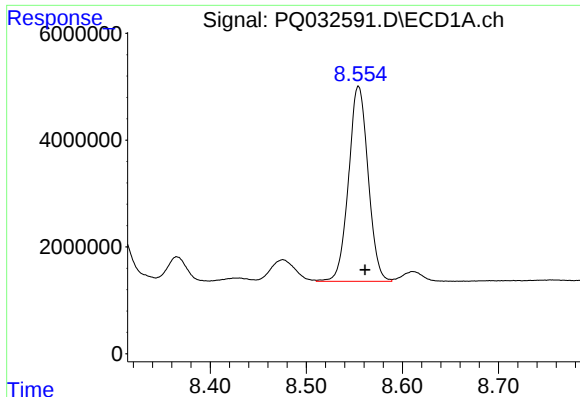
#34 AR-1260-4

R.T.: 8.223 min
Delta R.T.: -0.006 min
Response: 27058587
Conc: 236.86 ng/ml



#34 AR-1260-4

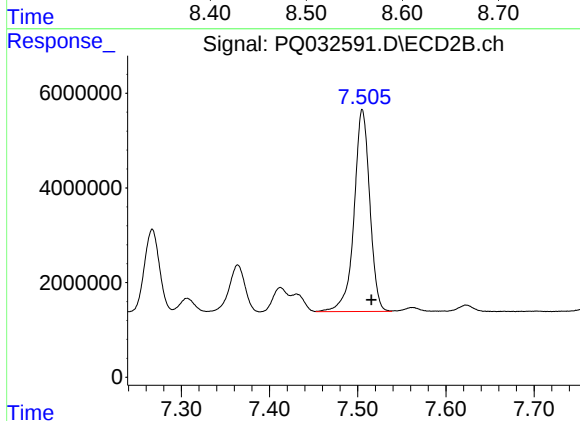
R.T.: 7.267 min
Delta R.T.: -0.009 min
Response: 20597303
Conc: 210.28 ng/ml



#35 AR-1260-5

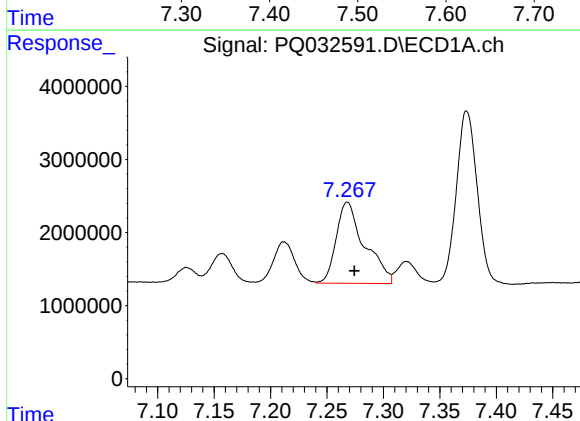
R.T.: 8.554 min
Delta R.T.: -0.007 min
Response: 51529630
Conc: 226.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :



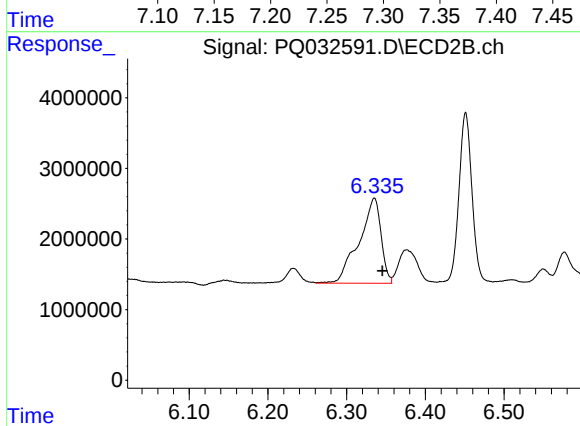
#35 AR-1260-5

R.T.: 7.505 min
Delta R.T.: -0.010 min
Response: 52767422
Conc: 220.97 ng/ml



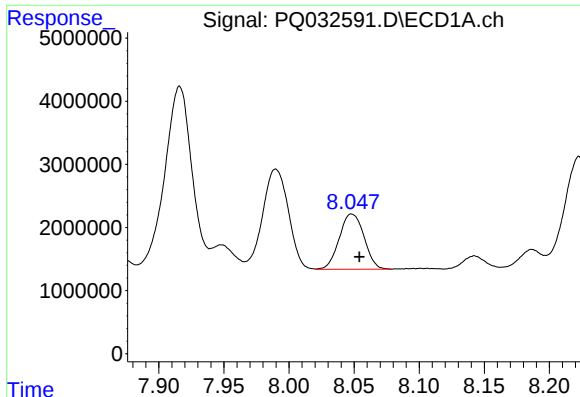
#36 AR-1262-1

R.T.: 7.268 min
Delta R.T.: -0.006 min
Response: 19412427
Conc: 328.37 ng/ml



#36 AR-1262-1

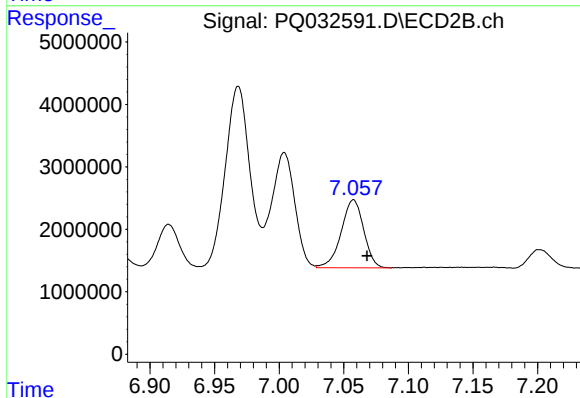
R.T.: 6.335 min
Delta R.T.: -0.010 min
Response: 23415800
Conc: 444.65 ng/ml



#37 AR-1262-2

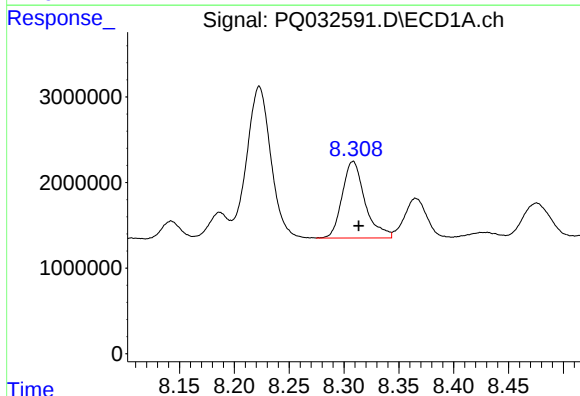
R.T.: 8.048 min
Delta R.T.: -0.006 min
Response: 11628578
Conc: 230.69 ng/ml

Instrument :
ECD_Q
ClientSampleId :



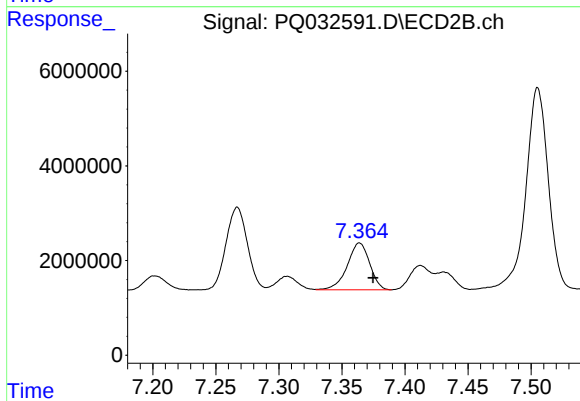
#37 AR-1262-2

R.T.: 7.058 min
Delta R.T.: -0.011 min
Response: 13258733
Conc: 262.79 ng/ml



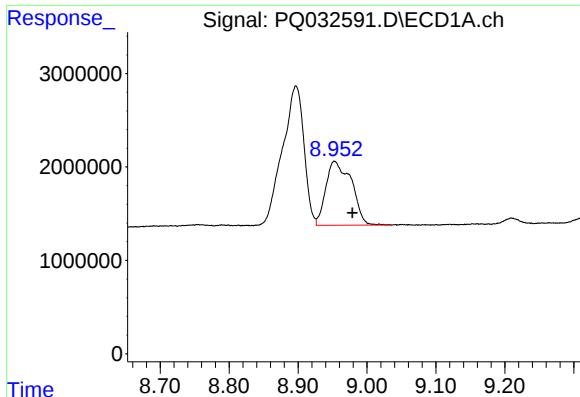
#38 AR-1262-3

R.T.: 8.308 min
Delta R.T.: -0.005 min
Response: 12959225
Conc: 227.95 ng/ml



#38 AR-1262-3

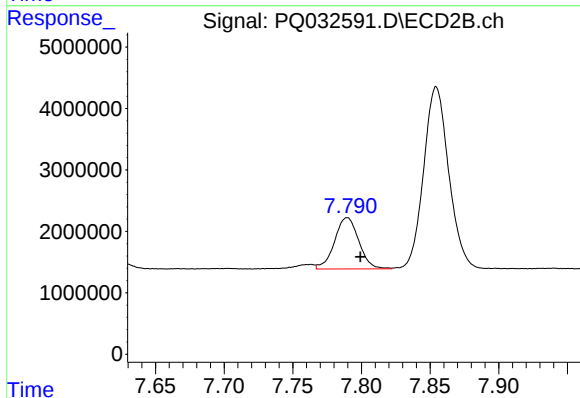
R.T.: 7.364 min
Delta R.T.: -0.011 min
Response: 12265623
Conc: 224.54 ng/ml



#39 AR-1262-4

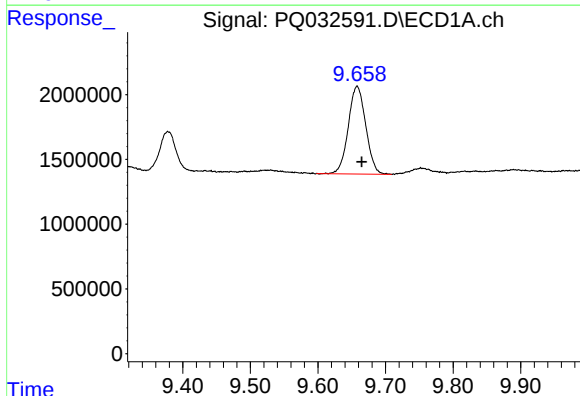
R.T.: 8.953 min
Delta R.T.: -0.026 min
Response: 17693075
Conc: 154.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :



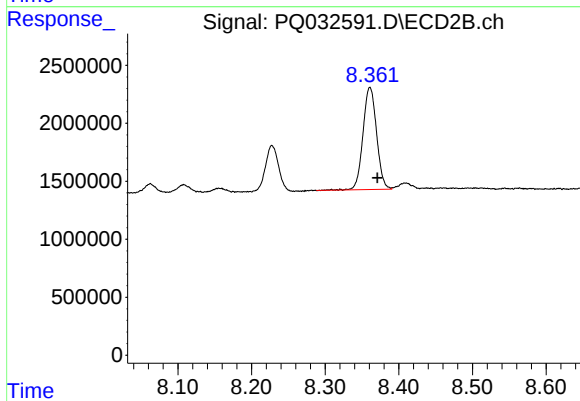
#39 AR-1262-4

R.T.: 7.790 min
Delta R.T.: -0.010 min
Response: 10265102
Conc: 114.85 ng/ml



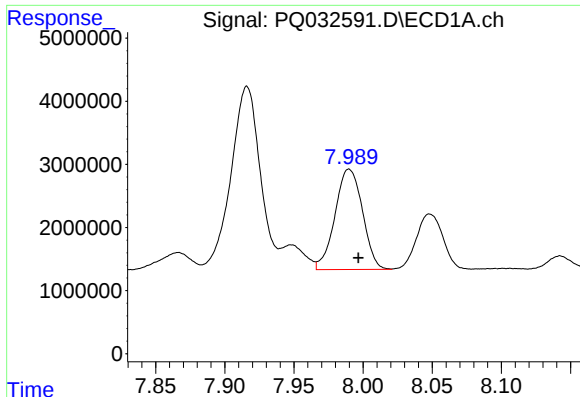
#40 AR-1262-5

R.T.: 9.658 min
Delta R.T.: -0.007 min
Response: 12154387
Conc: 149.53 ng/ml



#40 AR-1262-5

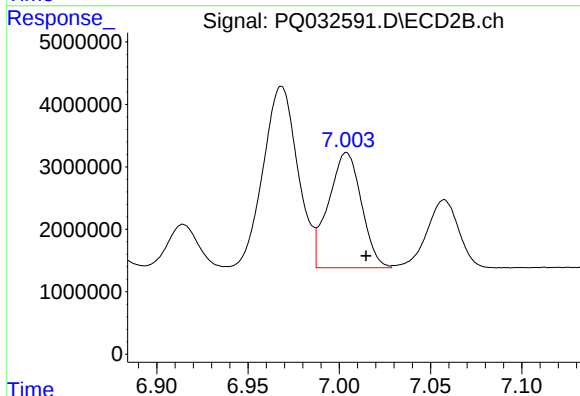
R.T.: 8.361 min
Delta R.T.: -0.010 min
Response: 11307443
Conc: 143.00 ng/ml



#41 AR-1268-1

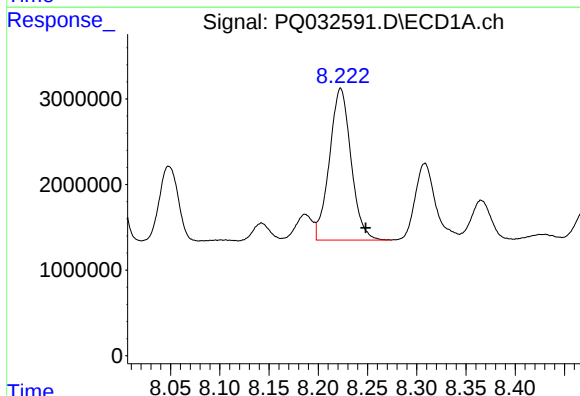
R.T.: 7.990 min
Delta R.T.: -0.007 min
Response: 21995970
Conc: 418.67 ng/ml

Instrument :
ECD_Q
ClientSampleId :



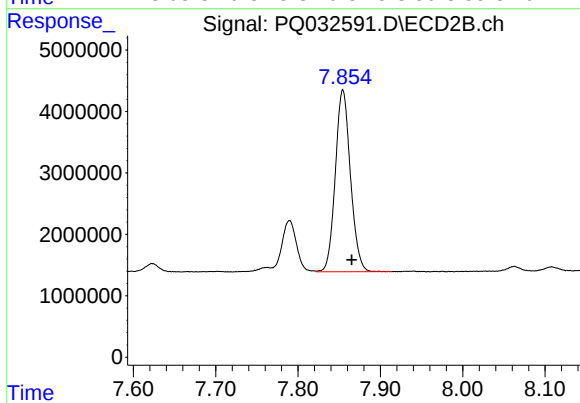
#41 AR-1268-1

R.T.: 7.004 min
Delta R.T.: -0.011 min
Response: 23121756
Conc: 458.86 ng/ml



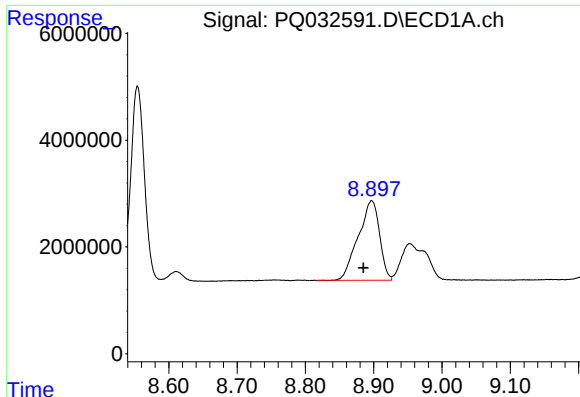
#42 AR-1268-2

R.T.: 8.223 min
Delta R.T.: -0.026 min
Response: 27058587
Conc: 397.32 ng/ml



#42 AR-1268-2

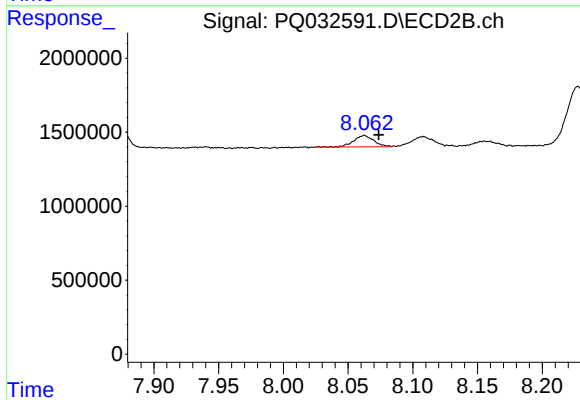
R.T.: 7.854 min
Delta R.T.: -0.011 min
Response: 37793096
Conc: 142.37 ng/ml



#43 AR-1268-3

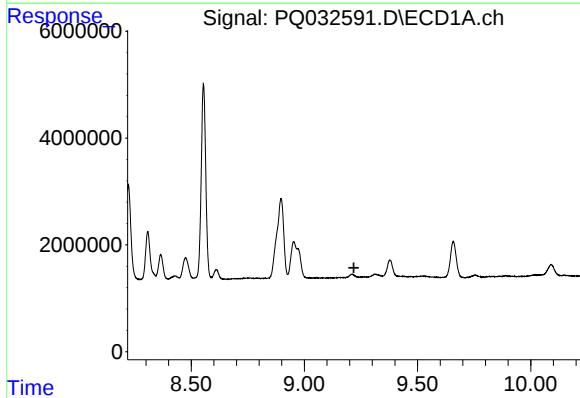
R.T.: 8.897 min
Delta R.T.: 0.012 min
Response: 32344714
Conc: 111.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



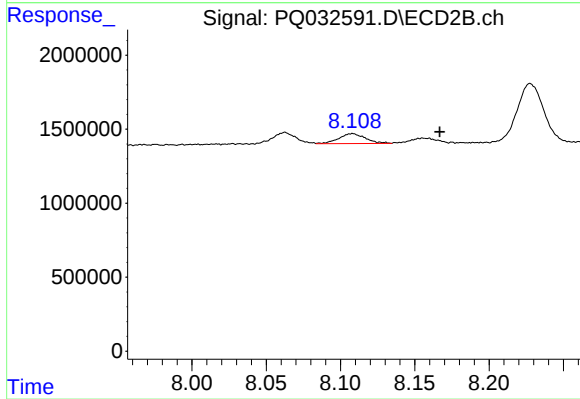
#43 AR-1268-3

R.T.: 8.063 min
Delta R.T.: -0.011 min
Response: 822703
Conc: 3.77 ng/ml



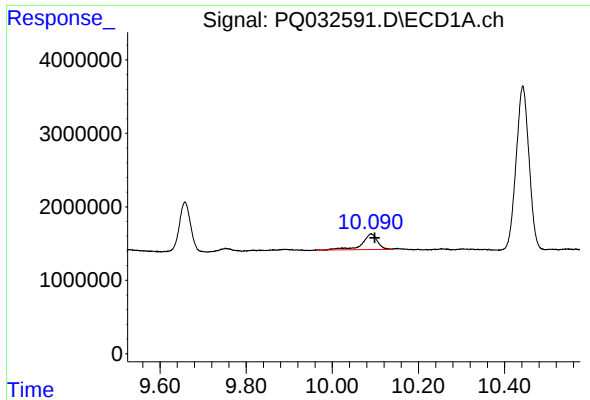
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.219 min
Response: 0
Conc: N.D.



#44 AR-1268-4

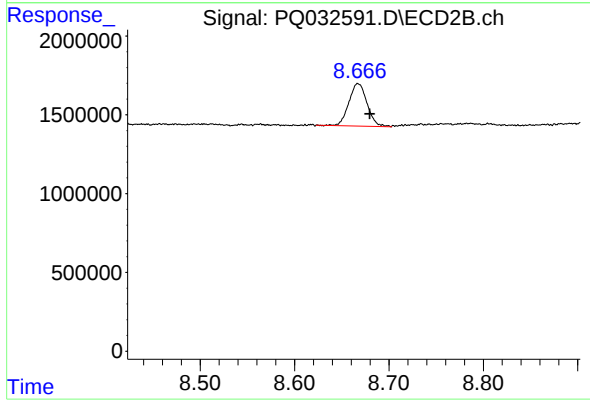
R.T.: 8.108 min
Delta R.T.: -0.059 min
Response: 821460
Conc: 14.30 ng/ml



#45 AR-1268-5

R.T.: 10.090 min
Delta R.T.: -0.009 min
Response: 5174753
Conc: 6.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.667 min
Delta R.T.: -0.012 min
Response: 3588408
Conc: 5.04 ng/ml