

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ032019\
 Data File : PQ038014.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2019 22:26
 Operator : SM\SJ
 Sample : PQ032019ICV500
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 09:53:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Mar 20 09:51:59 2019
 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...	4.186	3.636	361.5E6	195.5E6	62.133	63.307
2)	SA Decachlor...	9.606	8.510	263.5E6	125.0E6	54.653	55.816
Target Compounds							
3)	L1 AR-1016-1	5.327	4.693	122.4E6	68430153	608.245	608.198
4)	L1 AR-1016-2	5.347	4.710	189.6E6	105.1E6	604.313	620.271
5)	L1 AR-1016-3	5.407	4.883	108.6E6	51660468	596.383	599.359
6)	L1 AR-1016-4	5.507	4.922	89950087	41170740	601.289	595.140
7)	L1 AR-1016-5	5.789	5.132	89064781	52699047	613.426	604.570
8)	L2 AR-1221-1	4.394	3.841	10066768	5488395	158.655	159.973
9)	L2 AR-1221-2	4.483	3.928	13966557	8752365	301.916	341.080
10)	L2 AR-1221-3	4.558	4.000	58525333	33197414	382.921	388.092
11)	L3 AR-1232-1	4.558	4.000	58525333	33197414	470.257	495.227
12)	L3 AR-1232-2	5.067	4.710	87019096	105.1E6	1477.777	1486.061
13)	L3 AR-1232-3	5.347	4.883	189.6E6	51660468	1535.601	1545.263
14)	L3 AR-1232-4	5.507	4.962	89950087	49702652	1544.379	1727.096
15)	L3 AR-1232-5	5.587	5.132	77280851	52699047	1807.760	1662.494
16)	L4 AR-1242-1	5.327	4.693	122.4E6	68430153	744.939	745.740
17)	L4 AR-1242-2	5.347	4.710	189.6E6	105.1E6	743.244	751.946
18)	L4 AR-1242-3	5.407	4.883	108.6E6	51660468	736.476	747.539
19)	L4 AR-1242-4	5.507	4.962	89950087	49702652	734.840	778.653
20)	L4 AR-1242-5	6.223	5.473	13481212	37759743	98.666	436.840 #
21)	L5 AR-1248-1	5.327	4.693	122.4E6	68430153	772.914	741.917
22)	L5 AR-1248-2	5.587	4.922	77280851	41170740	353.074	343.755
23)	L5 AR-1248-3	5.789	4.962	89064781	49702652	362.519	409.544
24)	L5 AR-1248-4	6.186	5.132	17663201	52699047	63.149	354.405 #
25)	L5 AR-1248-5	6.223	5.515	13481212	5906339	50.855	40.605
26)	L6 AR-1254-1	6.154	5.473	60729048	37759743	309.116	245.132
27)	L6 AR-1254-2	6.364	5.618	66781901	33182728	217.889	255.752
28)	L6 AR-1254-3	6.733	6.022	34757653	63254727	111.615	299.050 #
29)	L6 AR-1254-4	7.012	6.241	25563370	8592784	100.704	53.576 #
30)	L6 AR-1254-5	7.424	6.647	189.3E6	109.3E6	641.498	628.136
31)	L7 AR-1260-1	6.885	6.137	150.0E6	88785151	579.395	572.064
32)	L7 AR-1260-2	7.137	6.324	197.4E6	106.3E6	572.804	563.580
33)	L7 AR-1260-3	7.487	6.473	161.2E6	97490180	568.402	572.491
34)	L7 AR-1260-4	7.717	6.935	147.8E6	76935822	548.970	551.670
35)	L7 AR-1260-5	8.023	7.178	337.5E6	183.9E6	535.710	554.541
36)	L8 AR-1262-1	7.546	6.678	79081006	87528659	512.057	414.388
37)	L8 AR-1262-2	8.023	7.178	337.5E6	183.9E6	481.136	489.372
38)	L8 AR-1262-3	8.297	7.450	81410124	40965045	271.616	277.150
39)	L8 AR-1262-4	8.375	7.519	127.4E6	128.7E6	367.364	479.611 #
40)	L8 AR-1262-5	8.978	8.010	89382153	44047717	374.066	387.131
41)	L9 AR-1268-1	8.297	7.450	81410124	40965045	98.909	101.253

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 Operator : SM\SJ
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 Misc :
 ALS Vial : 47 Sample Multiplier: 1

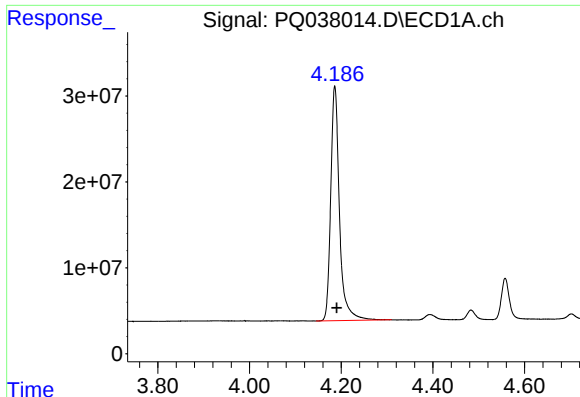
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 20 09:53:58 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ032019.M
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 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	8.375	7.519	127.4E6	128.7E6	170.601	343.637 #
43) L9	AR-1268-3	8.577	7.709	7098297	2971468	10.825	9.825
44) L9	AR-1268-4	8.978	8.010	89382153	44047717	345.296	352.656
45) L9	AR-1268-5	9.330	8.283	23199929	12179618	11.884	12.875

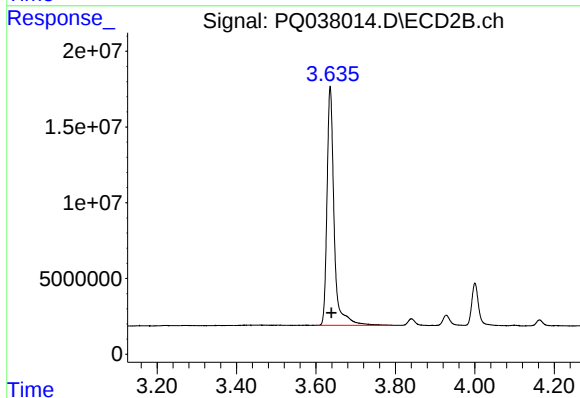
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

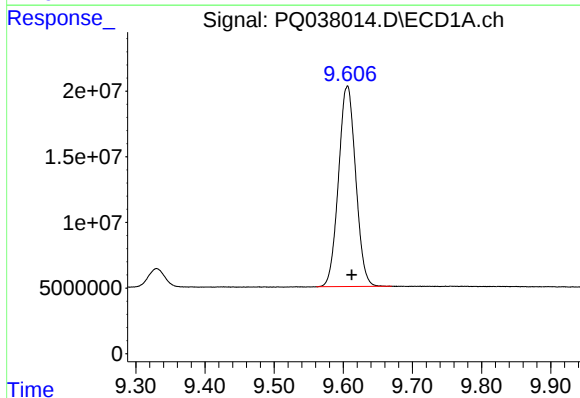
R.T.: 4.186 min
Delta R.T.: -0.004 min
Response: 361528308
Conc: 62.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



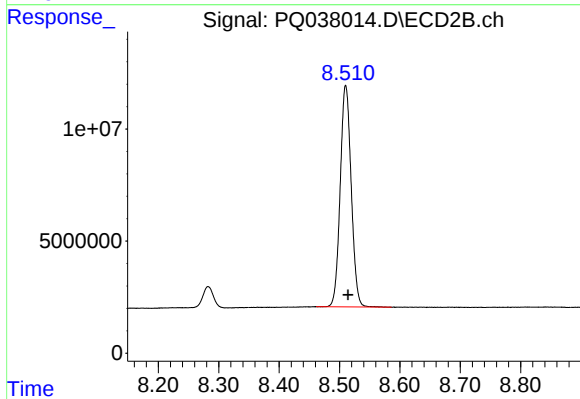
#1 Tetrachloro-m-xylene

R.T.: 3.636 min
Delta R.T.: -0.003 min
Response: 195525453
Conc: 63.31 ng/ml



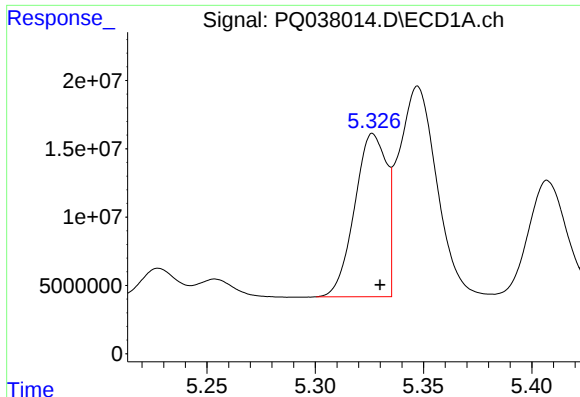
#2 Decachlorobiphenyl

R.T.: 9.606 min
Delta R.T.: -0.006 min
Response: 263498247
Conc: 54.65 ng/ml



#2 Decachlorobiphenyl

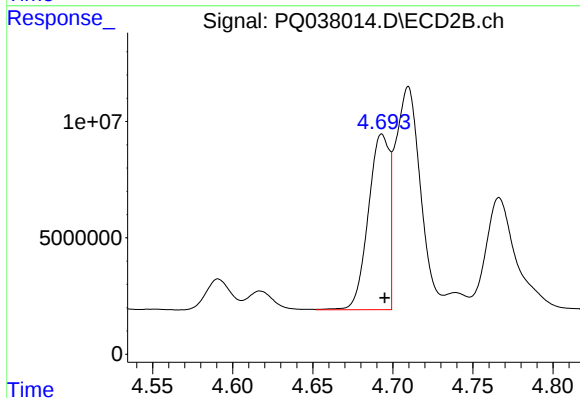
R.T.: 8.510 min
Delta R.T.: -0.004 min
Response: 124960143
Conc: 55.82 ng/ml



#3 AR-1016-1

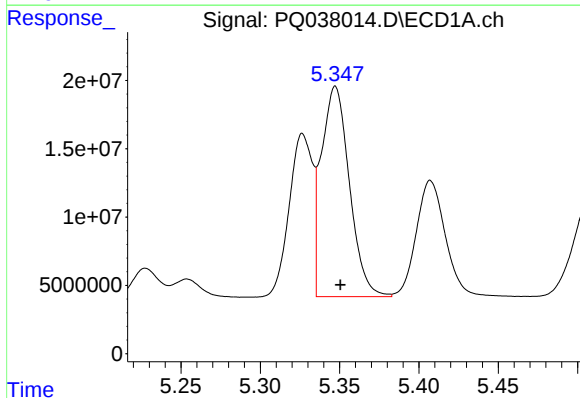
R.T.: 5.327 min
Delta R.T.: -0.003 min
Response: 122412083
Conc: 608.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



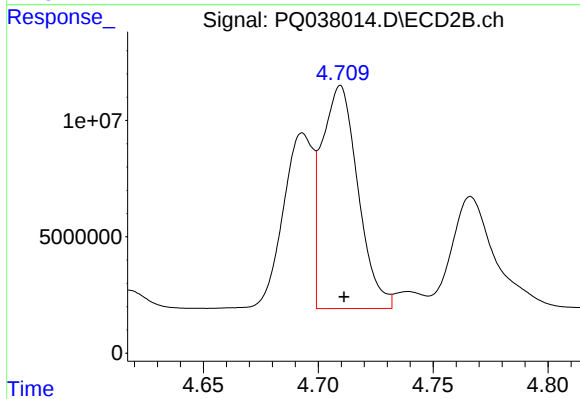
#3 AR-1016-1

R.T.: 4.693 min
Delta R.T.: -0.002 min
Response: 68430153
Conc: 608.20 ng/ml



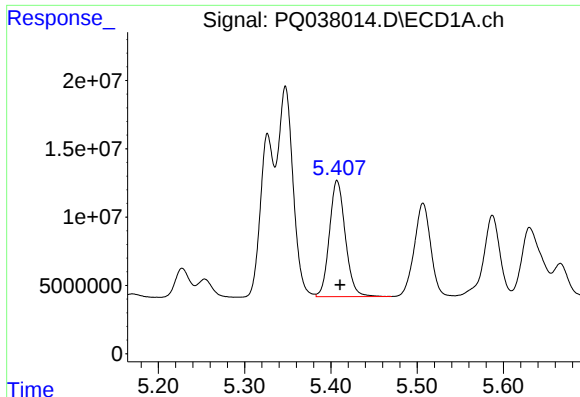
#4 AR-1016-2

R.T.: 5.347 min
Delta R.T.: -0.003 min
Response: 189649808
Conc: 604.31 ng/ml



#4 AR-1016-2

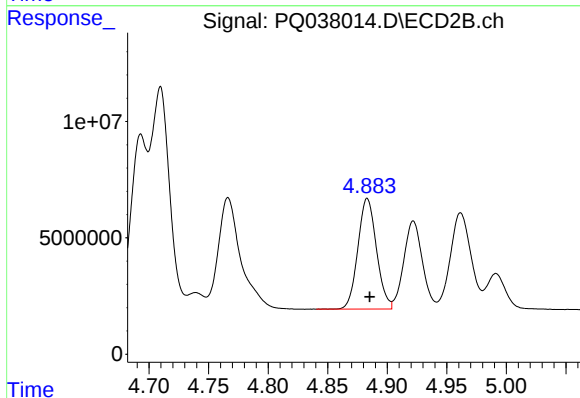
R.T.: 4.710 min
Delta R.T.: -0.002 min
Response: 105069395
Conc: 620.27 ng/ml



#5 AR-1016-3

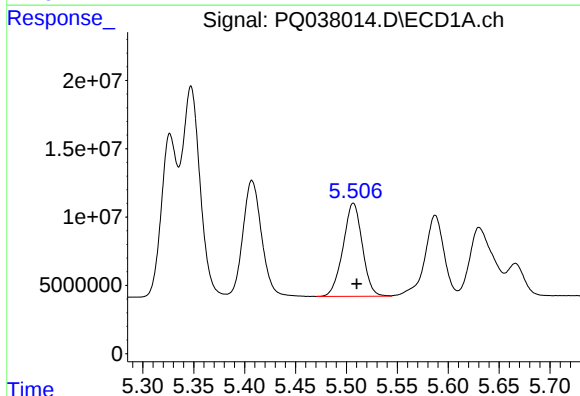
R.T.: 5.407 min
Delta R.T.: -0.003 min
Response: 108618582
Conc: 596.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



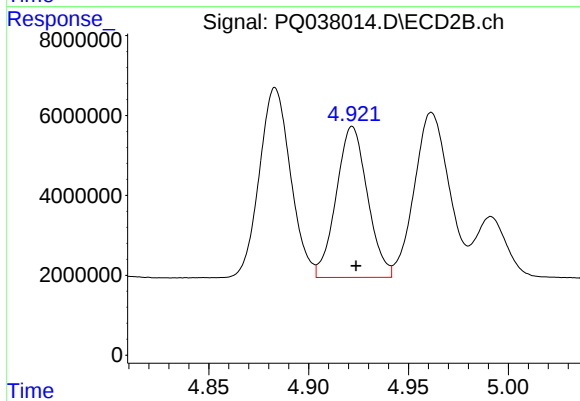
#5 AR-1016-3

R.T.: 4.883 min
Delta R.T.: -0.002 min
Response: 51660468
Conc: 599.36 ng/ml



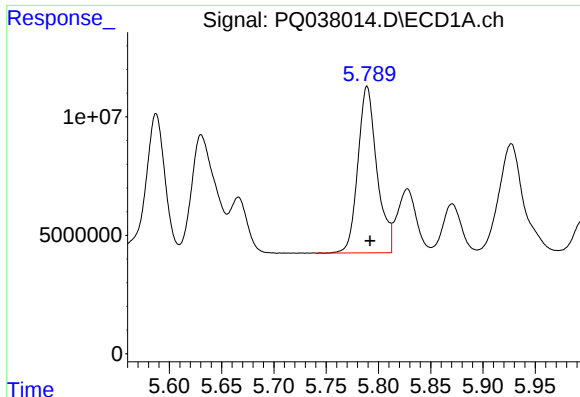
#6 AR-1016-4

R.T.: 5.507 min
Delta R.T.: -0.003 min
Response: 89950087
Conc: 601.29 ng/ml



#6 AR-1016-4

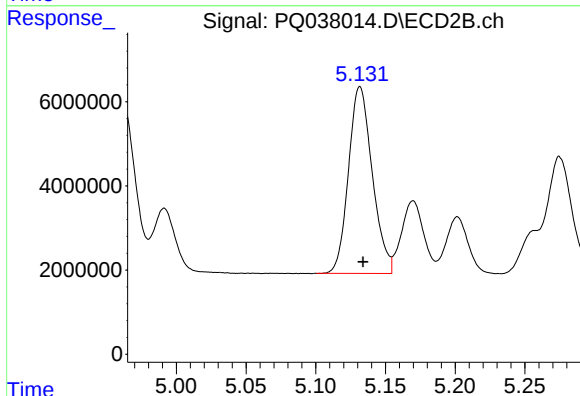
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 41170740
Conc: 595.14 ng/ml



#7 AR-1016-5

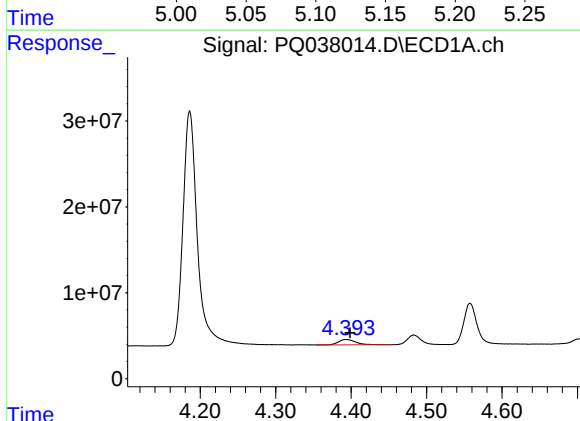
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 89064781
Conc: 613.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



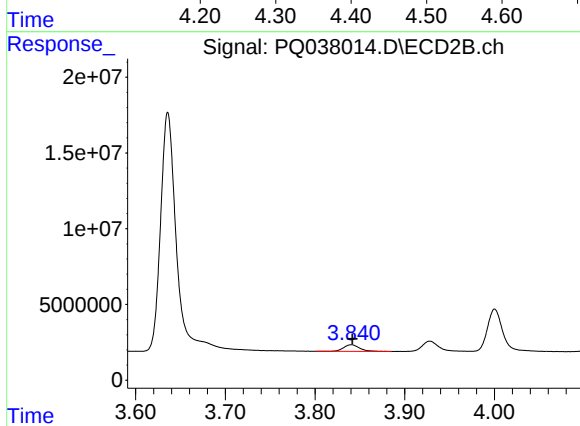
#7 AR-1016-5

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 52699047
Conc: 604.57 ng/ml



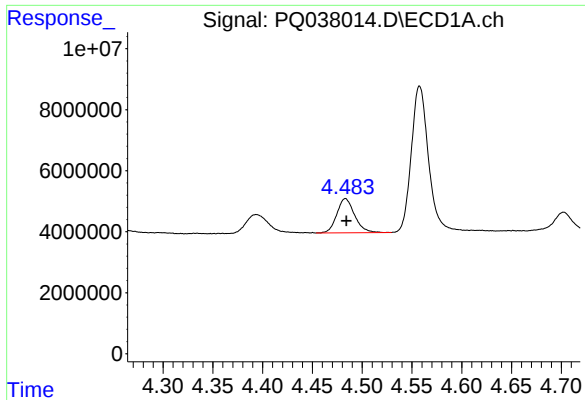
#8 AR-1221-1

R.T.: 4.394 min
Delta R.T.: -0.005 min
Response: 10066768
Conc: 158.65 ng/ml



#8 AR-1221-1

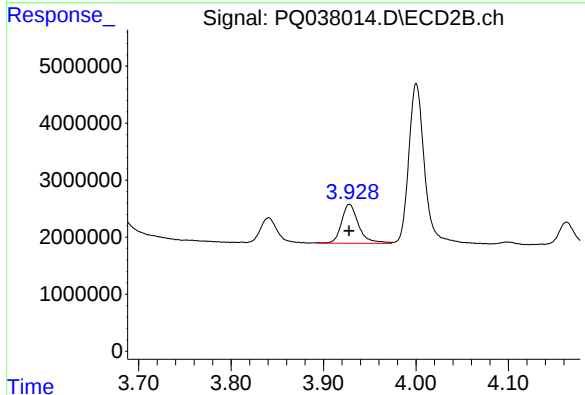
R.T.: 3.841 min
Delta R.T.: -0.001 min
Response: 5488395
Conc: 159.97 ng/ml



#9 AR-1221-2

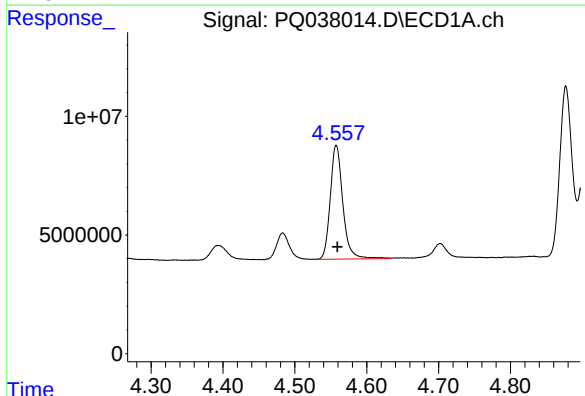
R.T.: 4.483 min
Delta R.T.: -0.001 min
Response: 13966557
Conc: 301.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



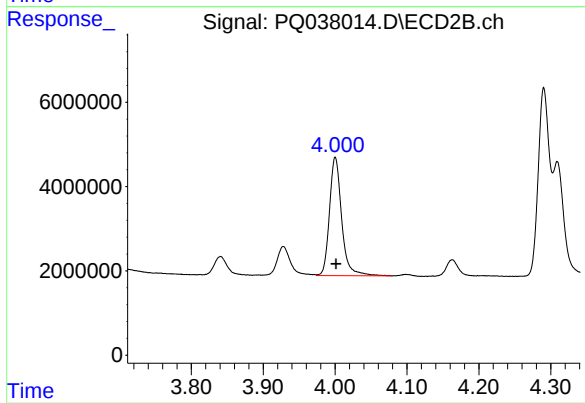
#9 AR-1221-2

R.T.: 3.928 min
Delta R.T.: 0.000 min
Response: 8752365
Conc: 341.08 ng/ml



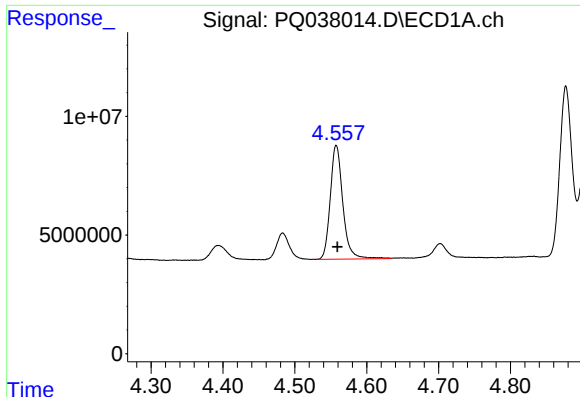
#10 AR-1221-3

R.T.: 4.558 min
Delta R.T.: -0.001 min
Response: 58525333
Conc: 382.92 ng/ml



#10 AR-1221-3

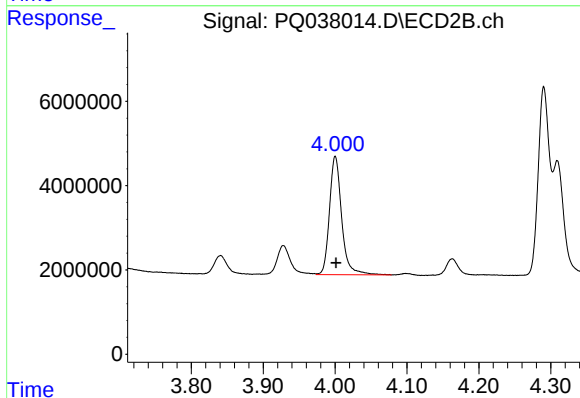
R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 33197414
Conc: 388.09 ng/ml



#11 AR-1232-1

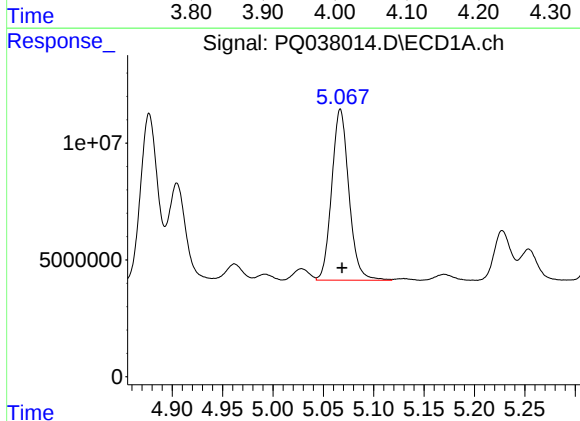
R.T.: 4.558 min
Delta R.T.: -0.002 min
Response: 58525333
Conc: 470.26 ng/ml

Instrument :
ECD_Q
ClientSampleId :



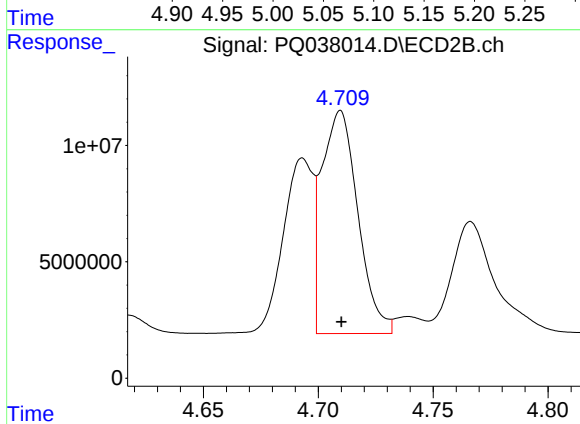
#11 AR-1232-1

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 33197414
Conc: 495.23 ng/ml



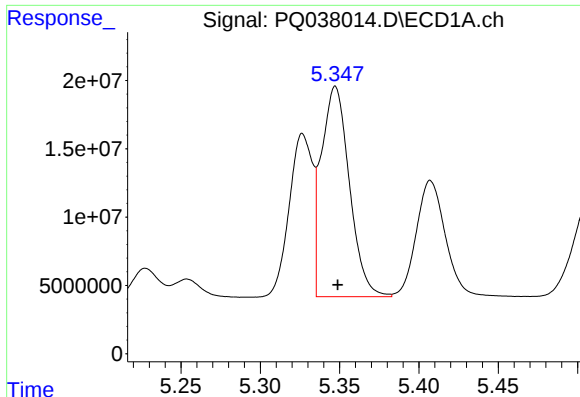
#12 AR-1232-2

R.T.: 5.067 min
Delta R.T.: -0.002 min
Response: 87019096
Conc: 1477.78 ng/ml



#12 AR-1232-2

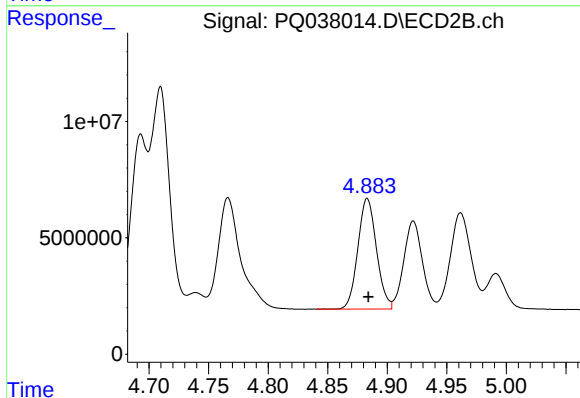
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 105069395
Conc: 1486.06 ng/ml



#13 AR-1232-3

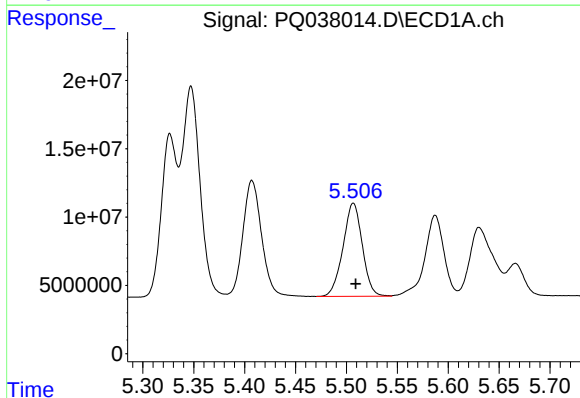
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 189649808
Conc: 1535.60 ng/ml

Instrument :
ECD_Q
ClientSampleId :



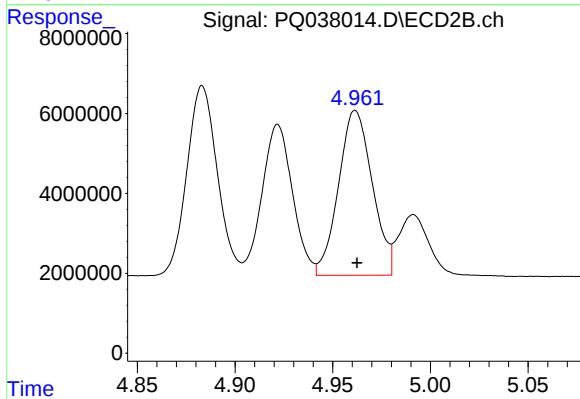
#13 AR-1232-3

R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 51660468
Conc: 1545.26 ng/ml



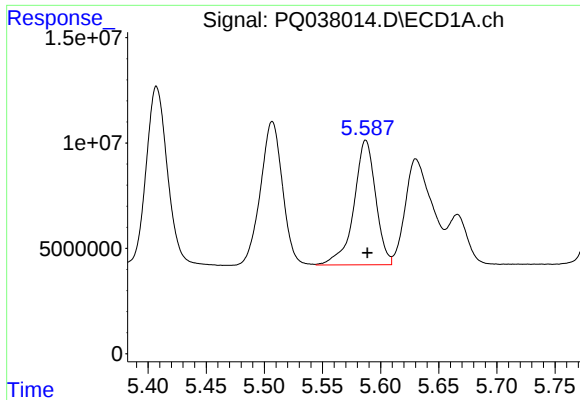
#14 AR-1232-4

R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 89950087
Conc: 1544.38 ng/ml



#14 AR-1232-4

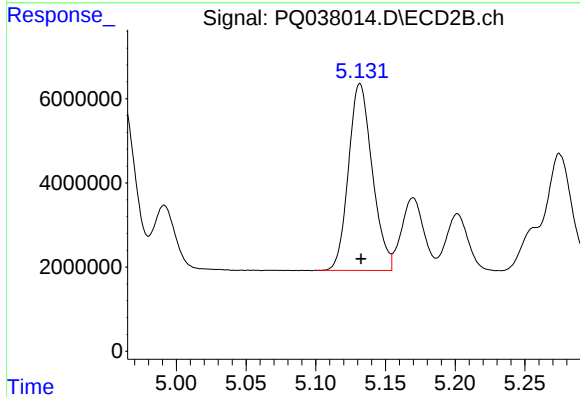
R.T.: 4.962 min
Delta R.T.: 0.000 min
Response: 49702652
Conc: 1727.10 ng/ml



#15 AR-1232-5

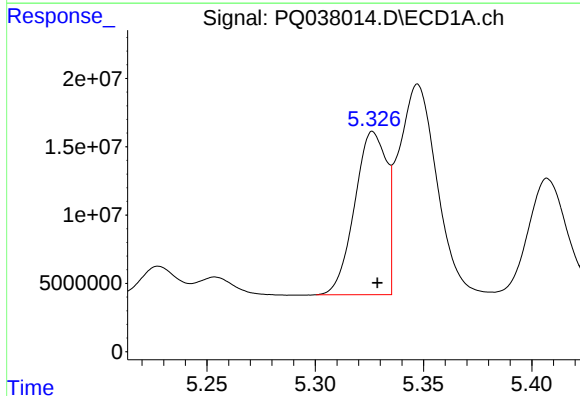
R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 77280851
Conc: 1807.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



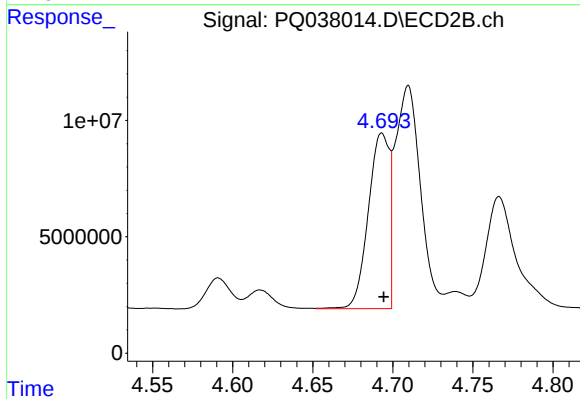
#15 AR-1232-5

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 52699047
Conc: 1662.49 ng/ml



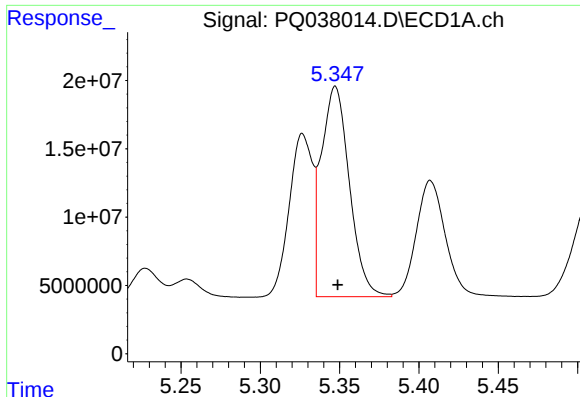
#16 AR-1242-1

R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 122412083
Conc: 744.94 ng/ml



#16 AR-1242-1

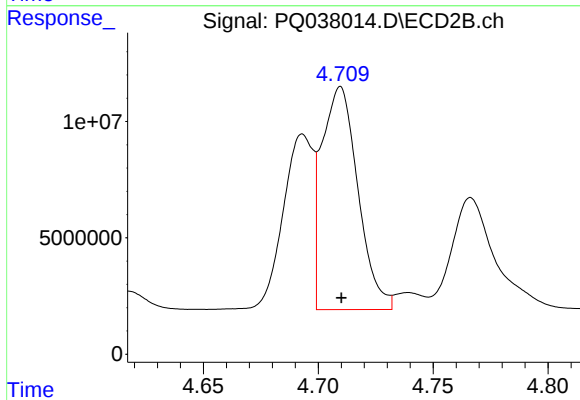
R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 68430153
Conc: 745.74 ng/ml



#17 AR-1242-2

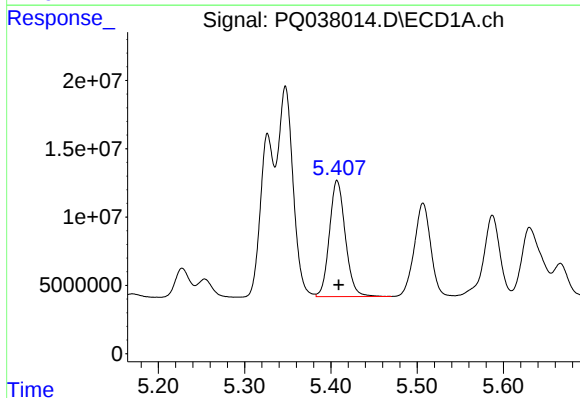
R.T.: 5.347 min
Delta R.T.: -0.002 min
Response: 189649808
Conc: 743.24 ng/ml

Instrument :
ECD_Q
ClientSampleId :



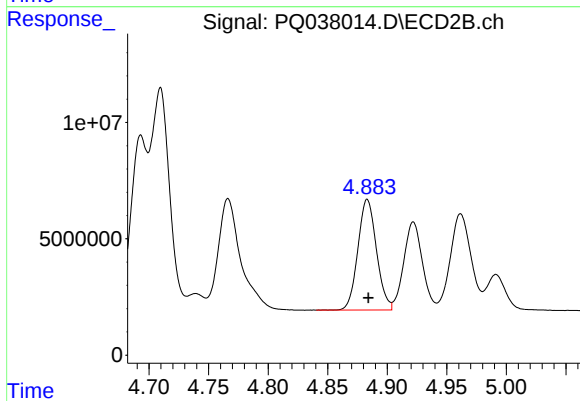
#17 AR-1242-2

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 105069395
Conc: 751.95 ng/ml



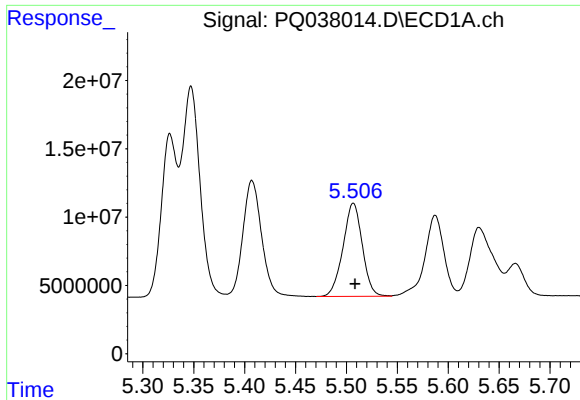
#18 AR-1242-3

R.T.: 5.407 min
Delta R.T.: -0.002 min
Response: 108618582
Conc: 736.48 ng/ml



#18 AR-1242-3

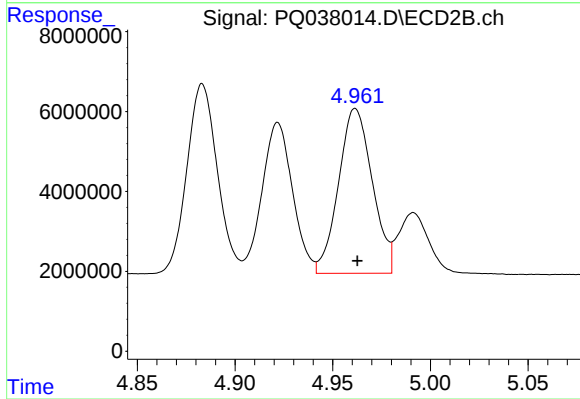
R.T.: 4.883 min
Delta R.T.: 0.000 min
Response: 51660468
Conc: 747.54 ng/ml



#19 AR-1242-4

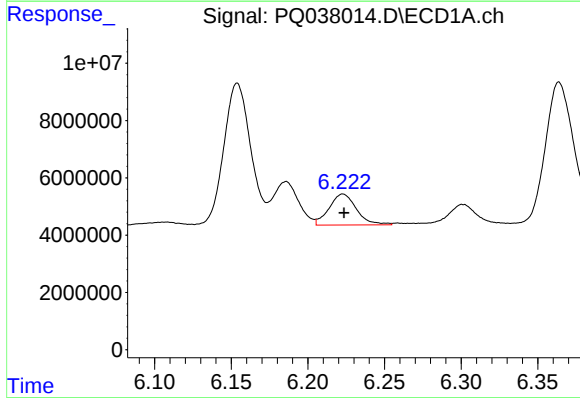
R.T.: 5.507 min
Delta R.T.: -0.002 min
Response: 89950087
Conc: 734.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



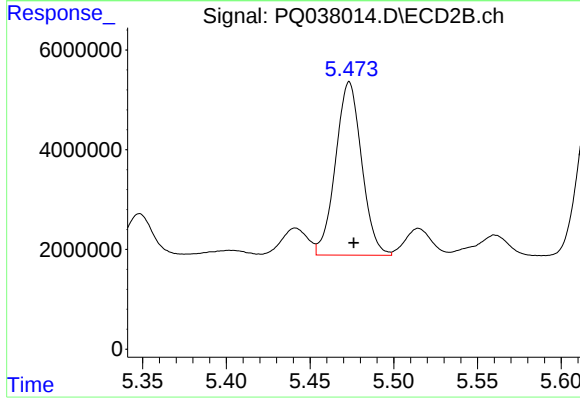
#19 AR-1242-4

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 49702652
Conc: 778.65 ng/ml



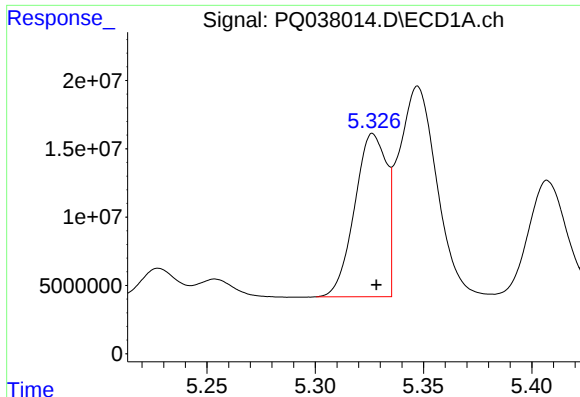
#20 AR-1242-5

R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 13481212
Conc: 98.67 ng/ml



#20 AR-1242-5

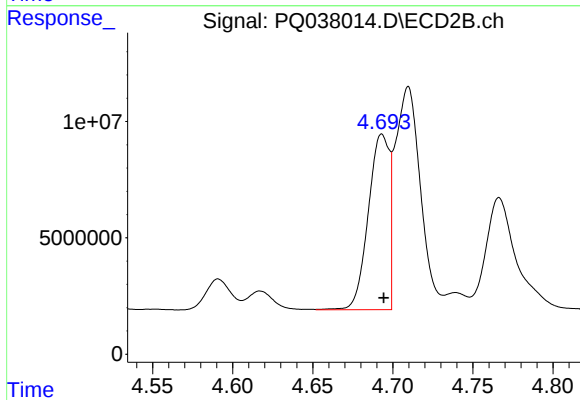
R.T.: 5.473 min
Delta R.T.: -0.003 min
Response: 37759743
Conc: 436.84 ng/ml



#21 AR-1248-1

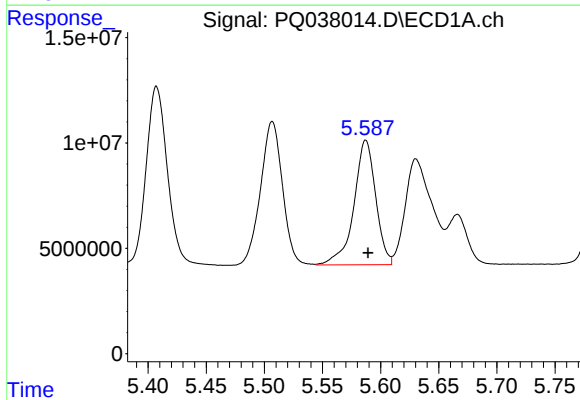
R.T.: 5.327 min
Delta R.T.: -0.002 min
Response: 122412083
Conc: 772.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



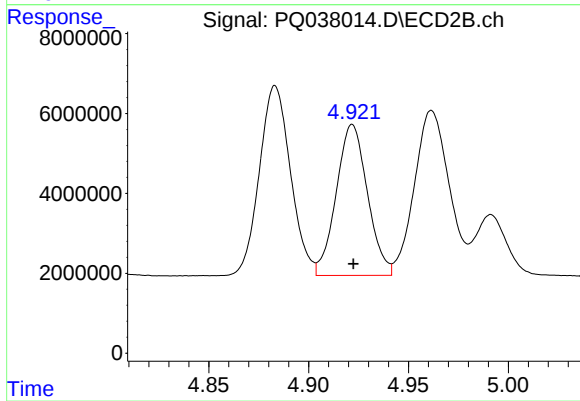
#21 AR-1248-1

R.T.: 4.693 min
Delta R.T.: -0.001 min
Response: 68430153
Conc: 741.92 ng/ml



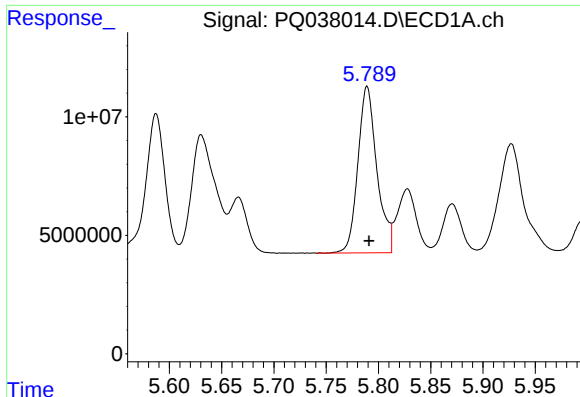
#22 AR-1248-2

R.T.: 5.587 min
Delta R.T.: -0.002 min
Response: 77280851
Conc: 353.07 ng/ml



#22 AR-1248-2

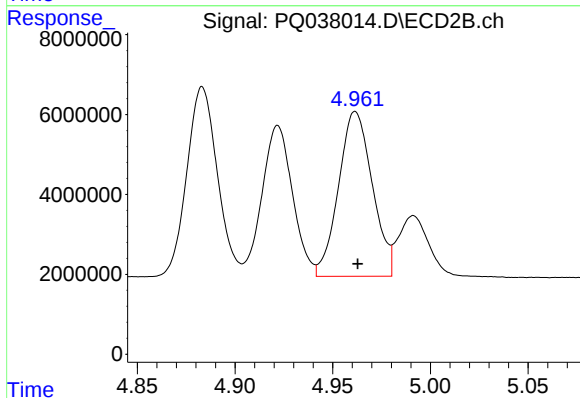
R.T.: 4.922 min
Delta R.T.: 0.000 min
Response: 41170740
Conc: 343.76 ng/ml



#23 AR-1248-3

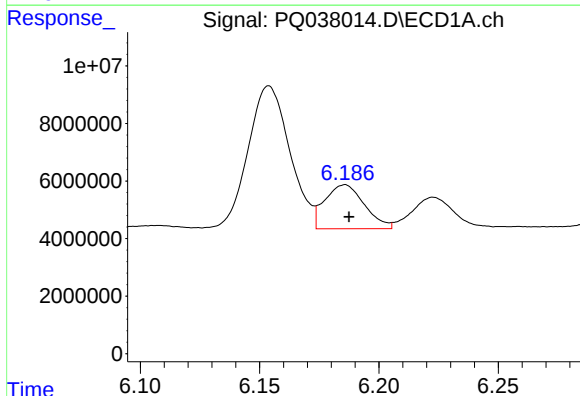
R.T.: 5.789 min
Delta R.T.: -0.002 min
Response: 89064781
Conc: 362.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



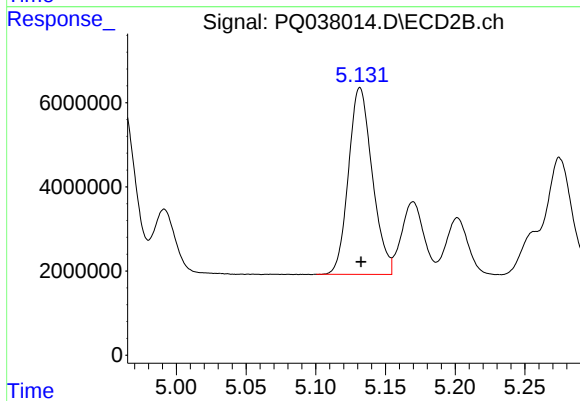
#23 AR-1248-3

R.T.: 4.962 min
Delta R.T.: -0.001 min
Response: 49702652
Conc: 409.54 ng/ml



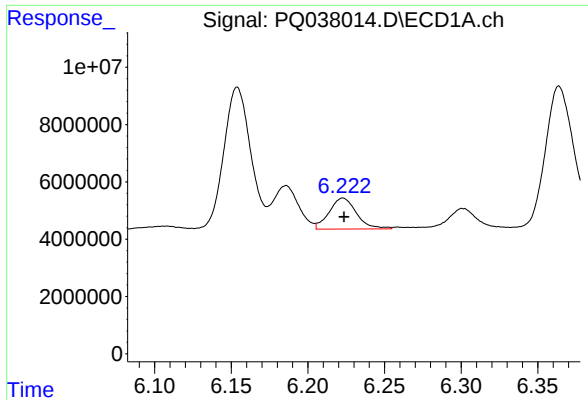
#24 AR-1248-4

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 17663201
Conc: 63.15 ng/ml



#24 AR-1248-4

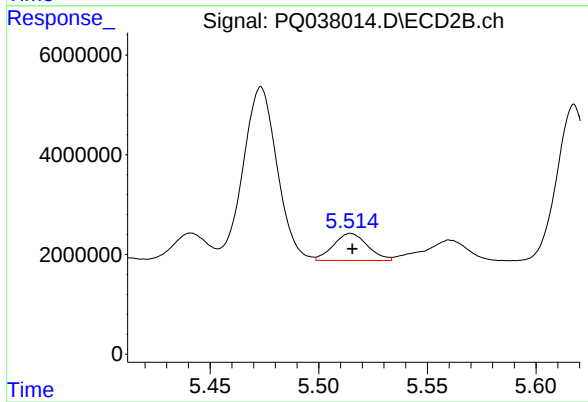
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 52699047
Conc: 354.41 ng/ml



#25 AR-1248-5

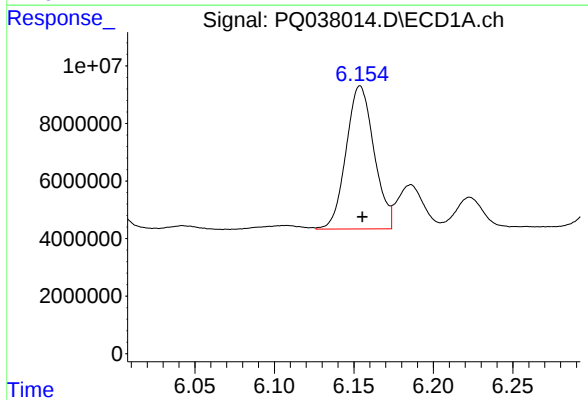
R.T.: 6.223 min
Delta R.T.: 0.000 min
Response: 13481212
Conc: 50.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



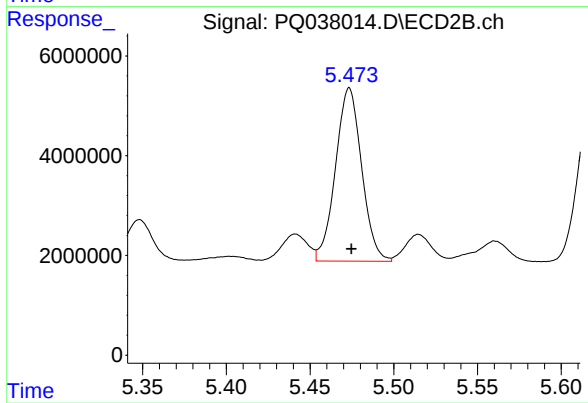
#25 AR-1248-5

R.T.: 5.515 min
Delta R.T.: 0.000 min
Response: 5906339
Conc: 40.61 ng/ml



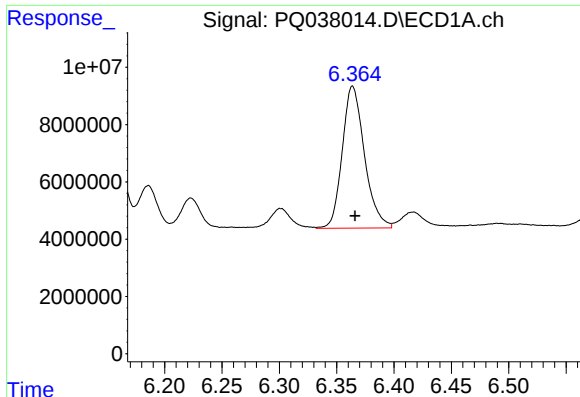
#26 AR-1254-1

R.T.: 6.154 min
Delta R.T.: -0.001 min
Response: 60729048
Conc: 309.12 ng/ml



#26 AR-1254-1

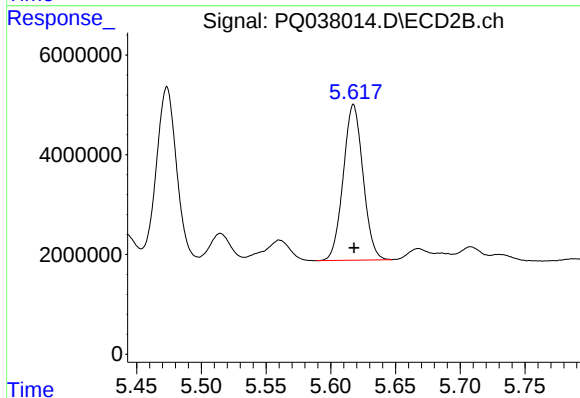
R.T.: 5.473 min
Delta R.T.: -0.001 min
Response: 37759743
Conc: 245.13 ng/ml



#27 AR-1254-2

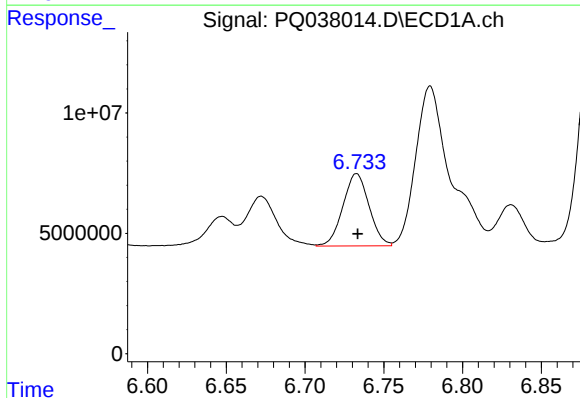
R.T.: 6.364 min
Delta R.T.: -0.002 min
Response: 66781901
Conc: 217.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



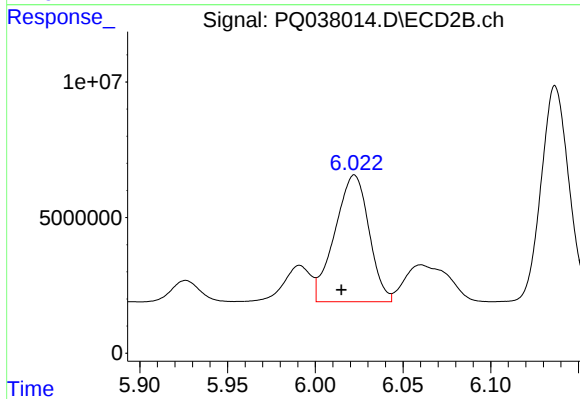
#27 AR-1254-2

R.T.: 5.618 min
Delta R.T.: 0.000 min
Response: 33182728
Conc: 255.75 ng/ml



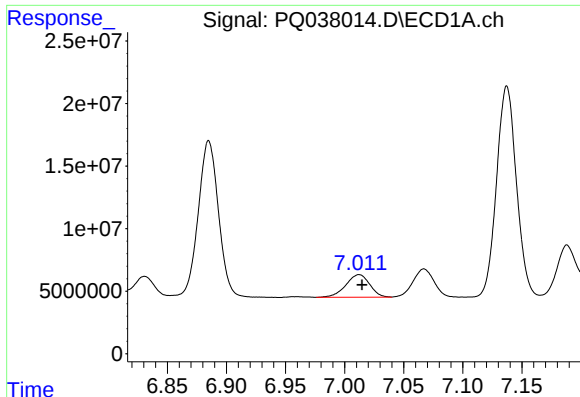
#28 AR-1254-3

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 34757653
Conc: 111.61 ng/ml



#28 AR-1254-3

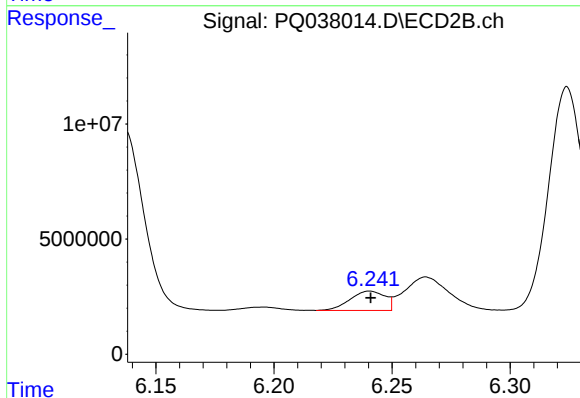
R.T.: 6.022 min
Delta R.T.: 0.007 min
Response: 63254727
Conc: 299.05 ng/ml



#29 AR-1254-4

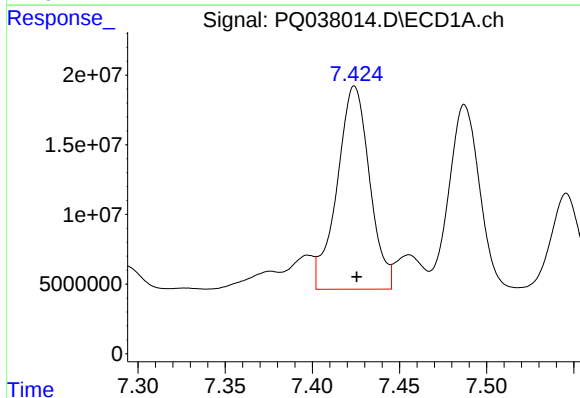
R.T.: 7.012 min
Delta R.T.: -0.002 min
Response: 25563370
Conc: 100.70 ng/ml

Instrument :
ECD_Q
ClientSampleId :



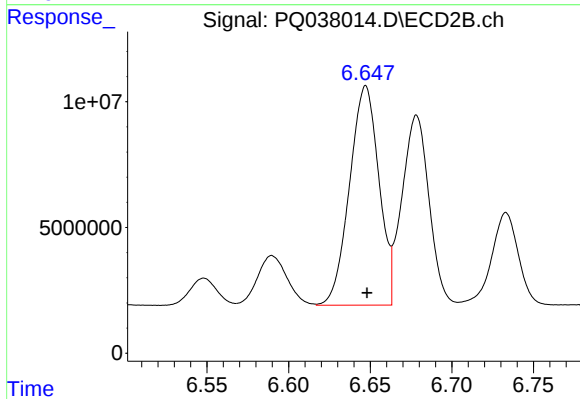
#29 AR-1254-4

R.T.: 6.241 min
Delta R.T.: 0.000 min
Response: 8592784
Conc: 53.58 ng/ml



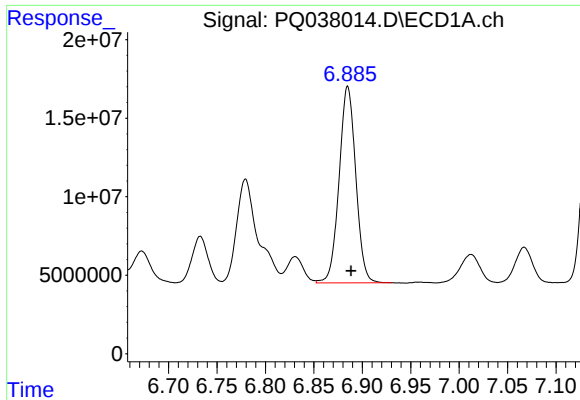
#30 AR-1254-5

R.T.: 7.424 min
Delta R.T.: -0.001 min
Response: 189284291
Conc: 641.50 ng/ml



#30 AR-1254-5

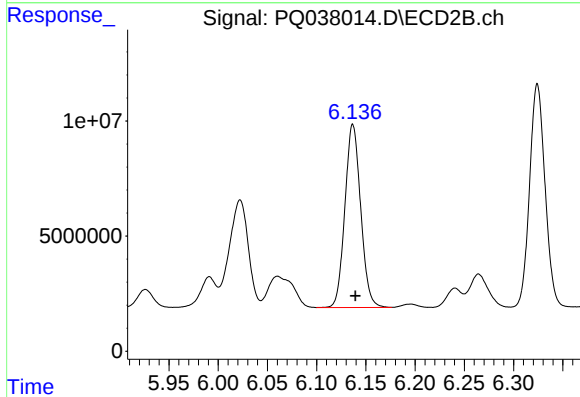
R.T.: 6.647 min
Delta R.T.: 0.000 min
Response: 109269966
Conc: 628.14 ng/ml



#31 AR-1260-1

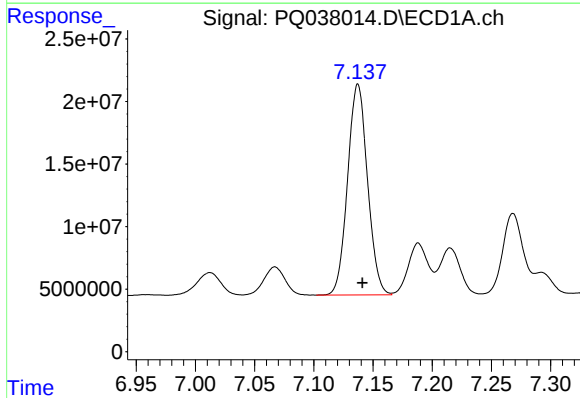
R.T.: 6.885 min
Delta R.T.: -0.003 min
Response: 150044334
Conc: 579.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



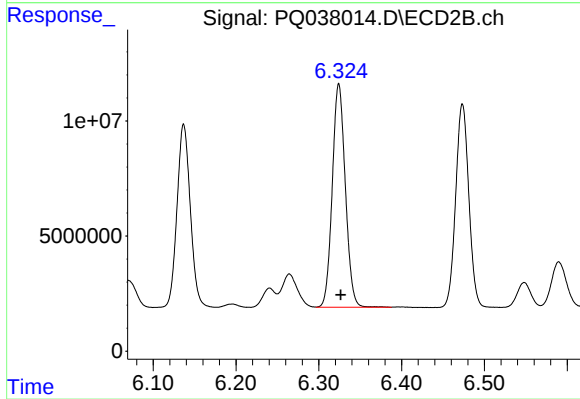
#31 AR-1260-1

R.T.: 6.137 min
Delta R.T.: -0.003 min
Response: 88785151
Conc: 572.06 ng/ml



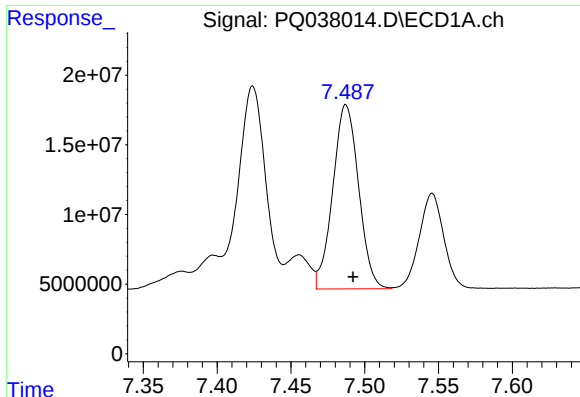
#32 AR-1260-2

R.T.: 7.137 min
Delta R.T.: -0.004 min
Response: 197443881
Conc: 572.80 ng/ml



#32 AR-1260-2

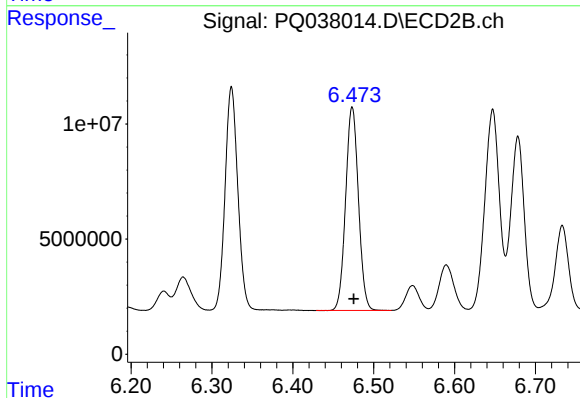
R.T.: 6.324 min
Delta R.T.: -0.002 min
Response: 106330430
Conc: 563.58 ng/ml



#33 AR-1260-3

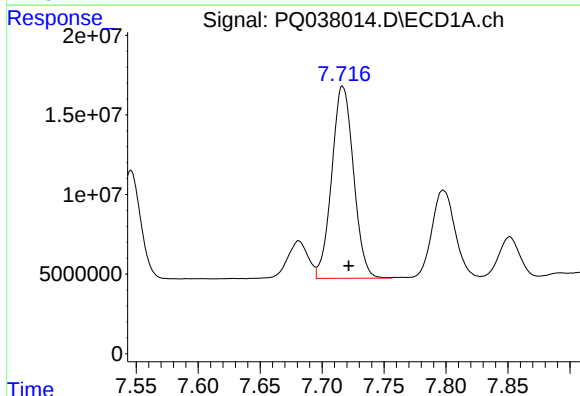
R.T.: 7.487 min
Delta R.T.: -0.005 min
Response: 161212164
Conc: 568.40 ng/ml

Instrument :
ECD_Q
ClientSampleId :



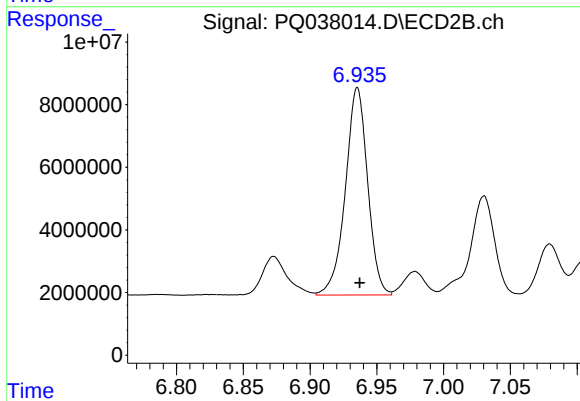
#33 AR-1260-3

R.T.: 6.473 min
Delta R.T.: -0.002 min
Response: 97490180
Conc: 572.49 ng/ml



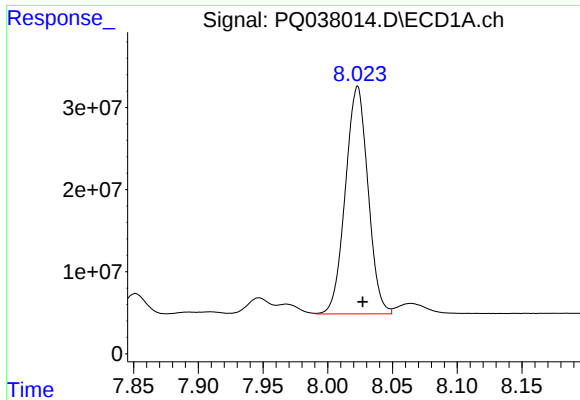
#34 AR-1260-4

R.T.: 7.717 min
Delta R.T.: -0.005 min
Response: 147790472
Conc: 548.97 ng/ml



#34 AR-1260-4

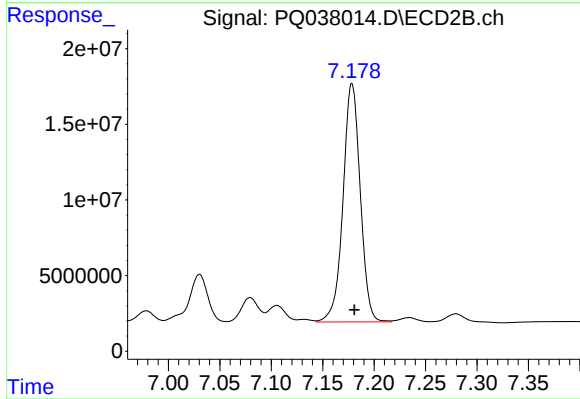
R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 76935822
Conc: 551.67 ng/ml



#35 AR-1260-5

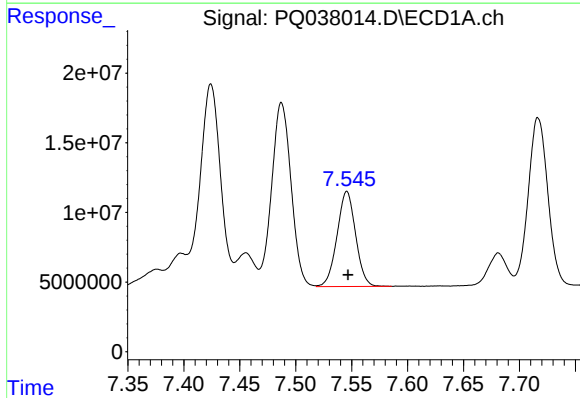
R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 337512185
Conc: 535.71 ng/ml

Instrument :
ECD_Q
ClientSampleId :



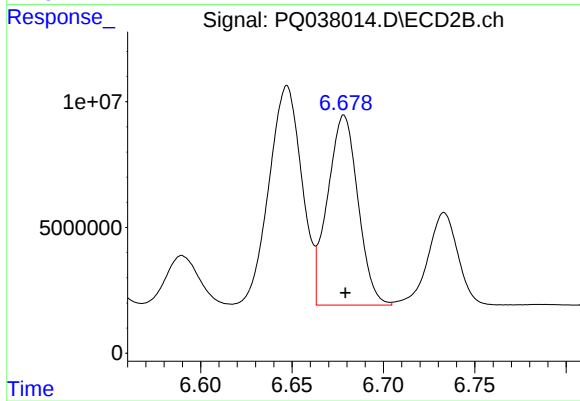
#35 AR-1260-5

R.T.: 7.178 min
Delta R.T.: -0.002 min
Response: 183919364
Conc: 554.54 ng/ml



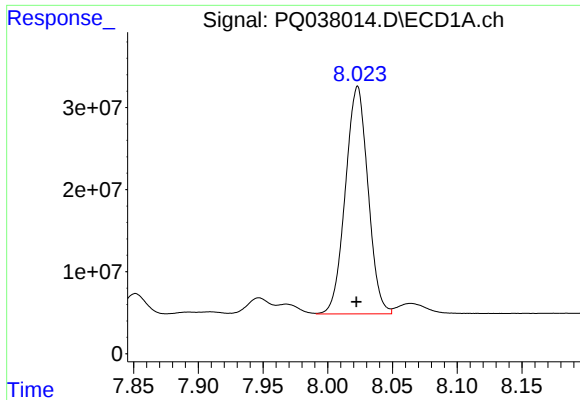
#36 AR-1262-1

R.T.: 7.546 min
Delta R.T.: -0.001 min
Response: 79081006
Conc: 512.06 ng/ml



#36 AR-1262-1

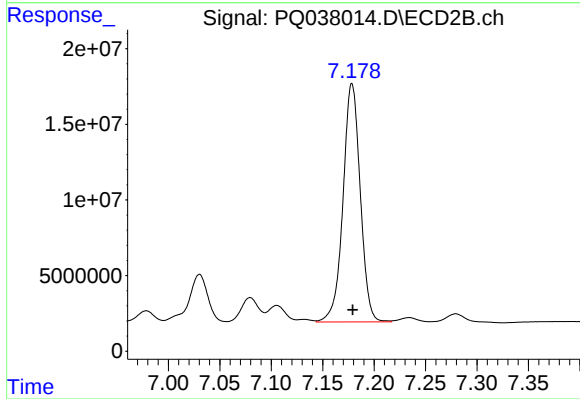
R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 87528659
Conc: 414.39 ng/ml



#37 AR-1262-2

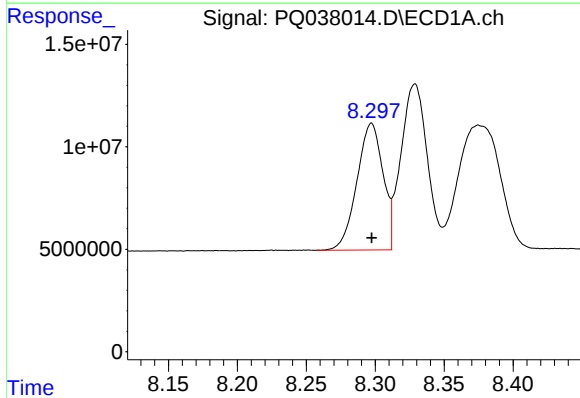
R.T.: 8.023 min
Delta R.T.: 0.001 min
Response: 337512185
Conc: 481.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



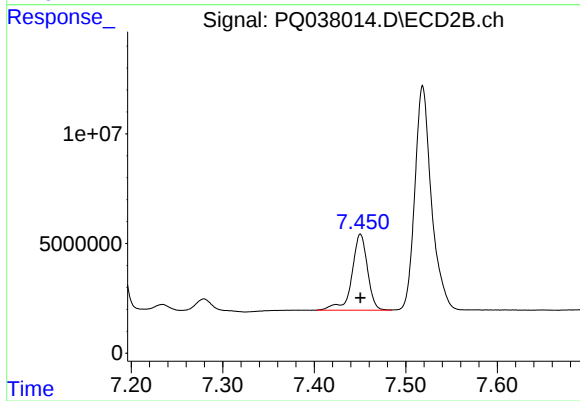
#37 AR-1262-2

R.T.: 7.178 min
Delta R.T.: 0.000 min
Response: 183919364
Conc: 489.37 ng/ml



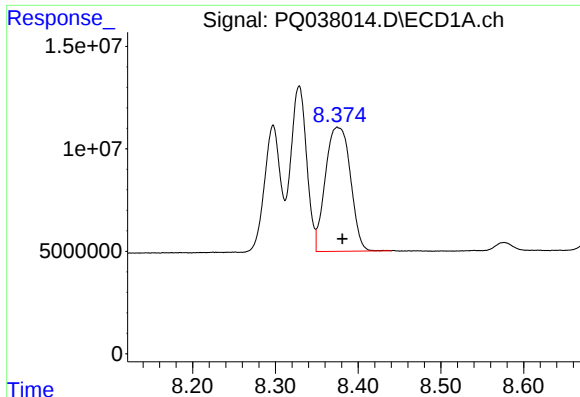
#38 AR-1262-3

R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 81410124
Conc: 271.62 ng/ml



#38 AR-1262-3

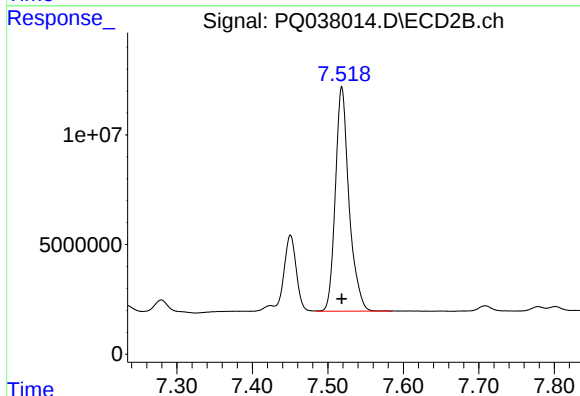
R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 40965045
Conc: 277.15 ng/ml



#39 AR-1262-4

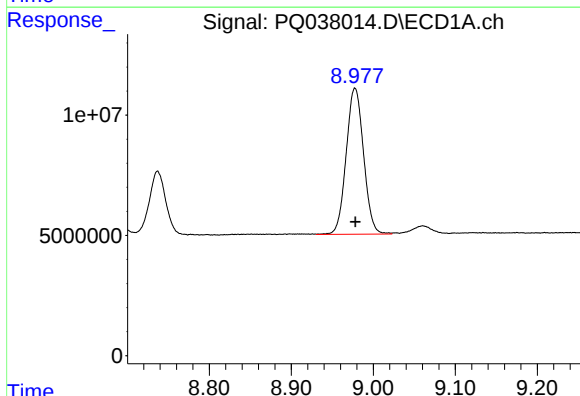
R.T.: 8.375 min
Delta R.T.: -0.006 min
Response: 127400892
Conc: 367.36 ng/ml

Instrument :
ECD_Q
ClientSampleId :



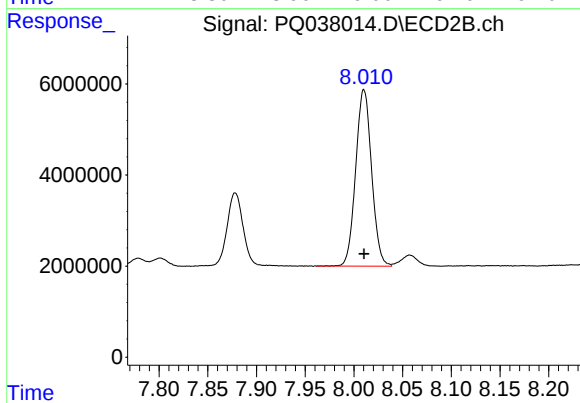
#39 AR-1262-4

R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 128654694
Conc: 479.61 ng/ml



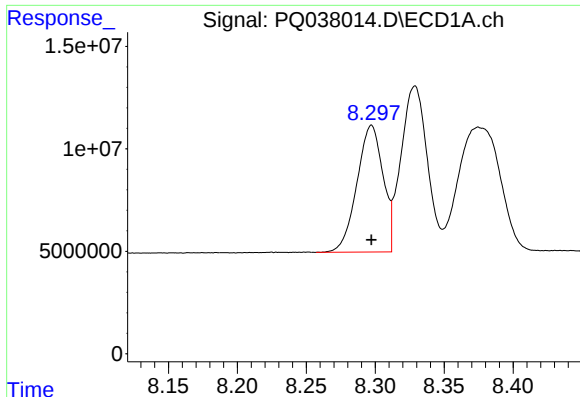
#40 AR-1262-5

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 89382153
Conc: 374.07 ng/ml



#40 AR-1262-5

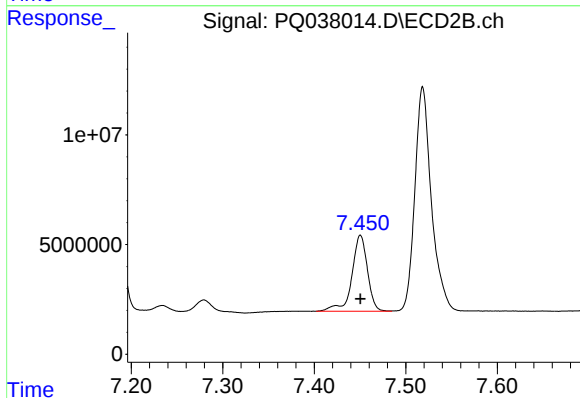
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 44047717
Conc: 387.13 ng/ml



#41 AR-1268-1

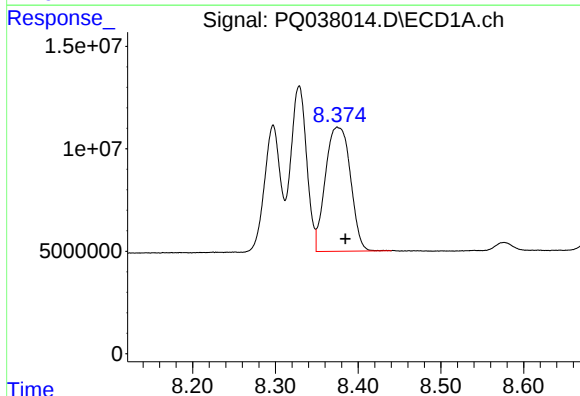
R.T.: 8.297 min
Delta R.T.: 0.000 min
Response: 81410124
Conc: 98.91 ng/ml

Instrument :
ECD_Q
ClientSampleId :



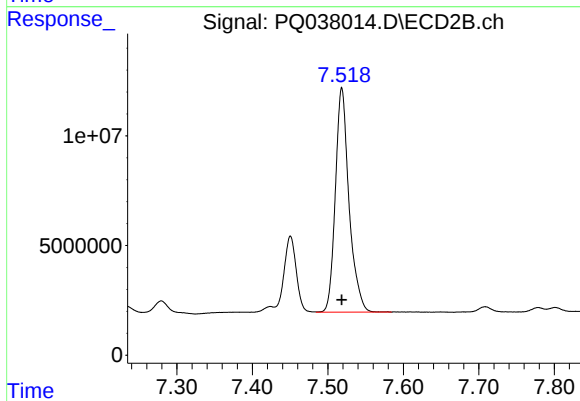
#41 AR-1268-1

R.T.: 7.450 min
Delta R.T.: 0.000 min
Response: 40965045
Conc: 101.25 ng/ml



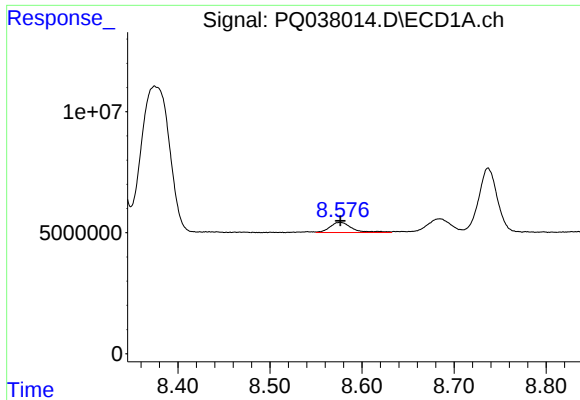
#42 AR-1268-2

R.T.: 8.375 min
Delta R.T.: -0.010 min
Response: 127400892
Conc: 170.60 ng/ml



#42 AR-1268-2

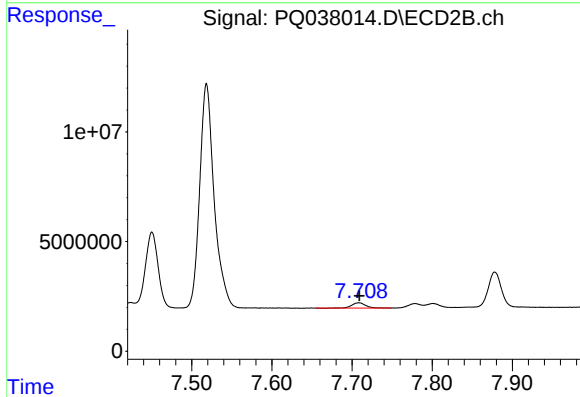
R.T.: 7.519 min
Delta R.T.: 0.000 min
Response: 128654694
Conc: 343.64 ng/ml



#43 AR-1268-3

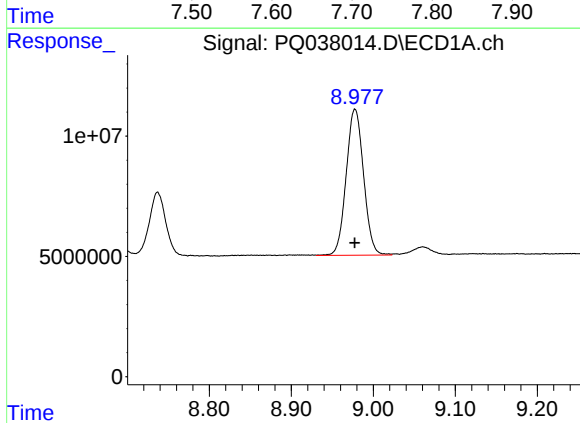
R.T.: 8.577 min
Delta R.T.: 0.000 min
Response: 7098297
Conc: 10.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



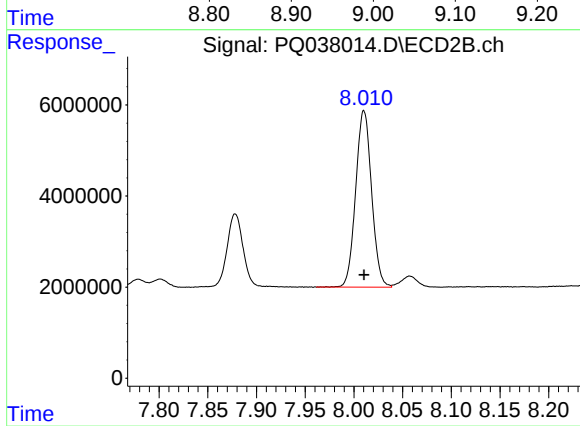
#43 AR-1268-3

R.T.: 7.709 min
Delta R.T.: 0.000 min
Response: 2971468
Conc: 9.82 ng/ml



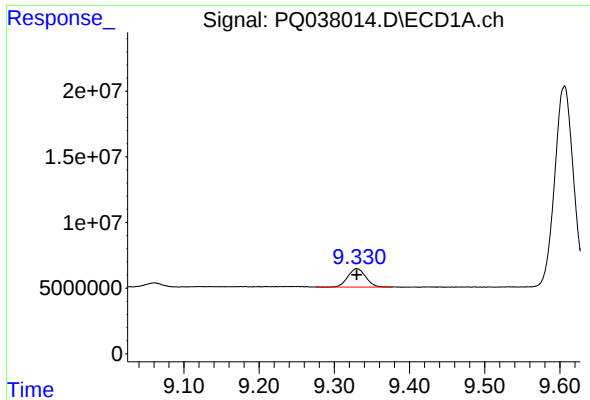
#44 AR-1268-4

R.T.: 8.978 min
Delta R.T.: 0.000 min
Response: 89382153
Conc: 345.30 ng/ml



#44 AR-1268-4

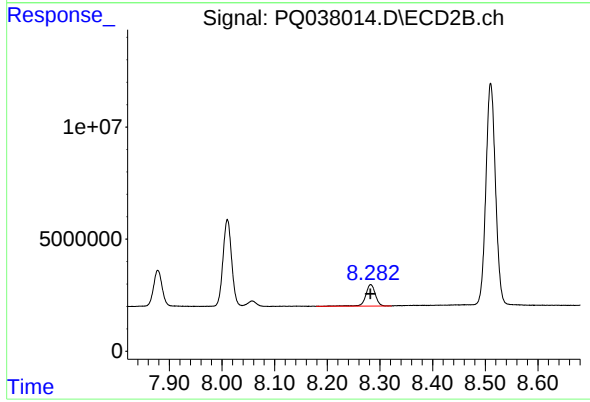
R.T.: 8.010 min
Delta R.T.: 0.000 min
Response: 44047717
Conc: 352.66 ng/ml



#45 AR-1268-5

R.T.: 9.330 min
Delta R.T.: 0.000 min
Response: 23199929
Conc: 11.88 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.283 min
Delta R.T.: 0.000 min
Response: 12179618
Conc: 12.87 ng/ml