

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
 Data File : PQ041929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 11:29
 Operator : SM\AJ
 Sample : K3850-20DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 BENS6DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:51:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Jul 29 04:03:40 2019
 Response via : Initial Calibration
 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	0.000	4.755	0	3877345	N.D.	2.012 #
2)	SA Decachlor...	12.099	10.513	16594466	10976541	1.968	2.269
Target Compounds							
3)	L1 AR-1016-1	7.182	6.230	14430940	2363346	133.516	22.775 #
4)	L1 AR-1016-2	7.182	6.230	14430940	2363346	92.194	16.496 #
5)	L1 AR-1016-3	7.182	6.446	14430940	13614092	149.191	182.563
6)	L1 AR-1016-4	7.347	6.497	13197201	104.2E6	169.164	1679.893 #
7)	L1 AR-1016-5	7.686	6.749	106.0E6	101.2E6	1348.315	1243.257
10)	L2 AR-1221-3	0.000	5.353	0	43894504	N.D.	804.931 #
11)	L3 AR-1232-1	0.000	5.353	0	43894504	N.D.	909.021 #
12)	L3 AR-1232-2	0.000	6.230	0	2363346	N.D.	41.442 #
13)	L3 AR-1232-3	7.182	6.446	14430940	13614092	216.150	456.550 #
14)	L3 AR-1232-4	7.347	6.544	13197201	66627070	411.427	2495.705 #
15)	L3 AR-1232-5	7.458	6.749	107.5E6	101.2E6	5001.717	3451.029 #
16)	L4 AR-1242-1	7.182	6.230	14430940	2363346	161.331	28.878 #
17)	L4 AR-1242-2	7.182	6.230	14430940	2363346	112.223	20.926 #
18)	L4 AR-1242-3	7.182	6.446	14430940	13614092	177.970	230.463 #
19)	L4 AR-1242-4	7.347	6.544	13197201	66627070	205.284	1123.610 #
20)	L4 AR-1242-5	8.176	7.158	141.5E6	129.5E6	1595.293	1458.331
21)	L5 AR-1248-1	7.182	6.230	14430940	2363346	194.655	35.644 #
22)	L5 AR-1248-2	7.458	6.497	107.5E6	104.2E6	1165.018	1194.786
23)	L5 AR-1248-3	7.686	6.544	106.0E6	66627070	946.002	746.474
24)	L5 AR-1248-4	8.134	6.749	39387247	101.2E6	251.904	918.867 #
25)	L5 AR-1248-5	8.176	7.205	141.5E6	121.8E6	935.373	950.354
26)	L6 AR-1254-1	8.103	7.158	90866430	129.5E6	653.176	708.049
27)	L6 AR-1254-2	8.342	7.326	173.4E6	123.7E6	757.769	764.339
28)	L6 AR-1254-3	8.735	7.774	221.3E6	247.5E6	809.325	858.048
29)	L6 AR-1254-4	9.039	8.023	140.9E6	140.9E6	572.515	649.191
30)	L6 AR-1254-5	9.477	8.470	126.8E6	133.7E6	468.194	444.476
31)	L7 AR-1260-1	8.908	7.916	51627405	57489528	290.229	316.869
32)	L7 AR-1260-2	9.179	8.119	61500835	67605217	243.785	275.562
33)	L7 AR-1260-3	9.554	8.283	35197668	64200773	153.612	301.727 #
34)	L7 AR-1260-4	9.792	8.783	105.2E6	44393773	412.132	219.457 #
35)	L7 AR-1260-5	10.146	9.033	89099714	119.8E6	132.276	202.902 #
36)	L8 AR-1262-1	9.614	8.566	23106894	44312927	150.343	308.877 #
37)	L8 AR-1262-2	10.146	9.033	89099714	119.8E6	101.780	161.598 #
38)	L8 AR-1262-3	10.502	9.328	76297461	24977535	120.152	78.950 #
39)	L8 AR-1262-4	10.561	9.394	53224968	70511912	106.300	125.384
40)	L8 AR-1262-5	11.293	9.920	267.7E6	28424602	657.574	99.524 #
41)	L9 AR-1268-1	10.502	9.328	76297461	24977535	53.559	21.849 #
42)	L9 AR-1268-2	10.561	9.394	53224968	70511912	40.355	68.688 #
43)	L9 AR-1268-3	10.879	9.599	35678017	7311775	30.491	8.414 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ080119\
 Data File : PQ041929.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Aug 2019 11:29
 Operator : SM\AJ
 Sample : K3850-20DL 10X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

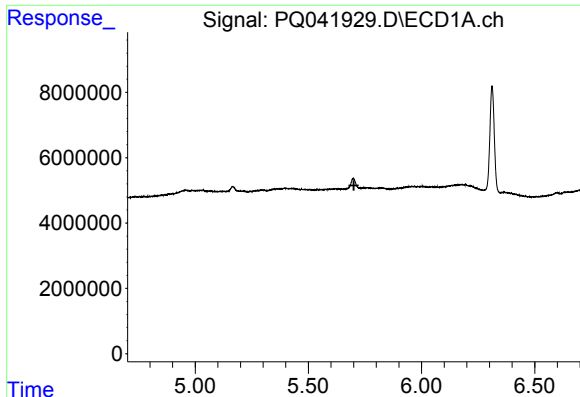
Instrument :
 ECD_Q
 ClientSampleId :
 BENS6DL

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 02 00:51:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ072719CLP.M
 Quant Title : GC EXTRACTABLES
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 Integrator: ChemStation

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

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
44) L9	AR-1268-4	11.293	9.920	267.7E6	28424602	491.726	73.894 #
45) L9	AR-1268-5	11.741	10.235	23686049	3737239	5.844	1.439 #

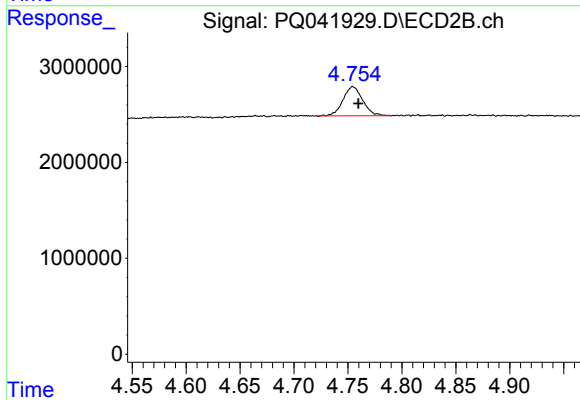
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

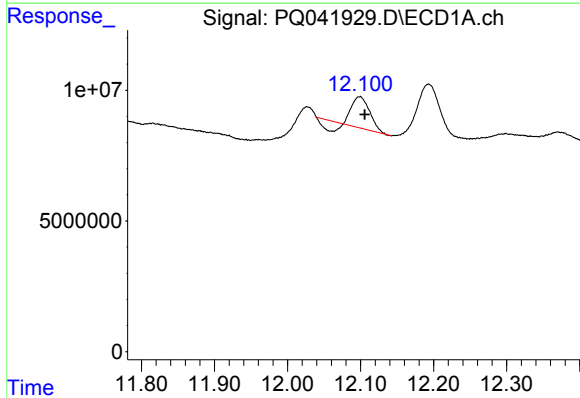
R.T.: 0.000 min
Exp R.T.: 5.701 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



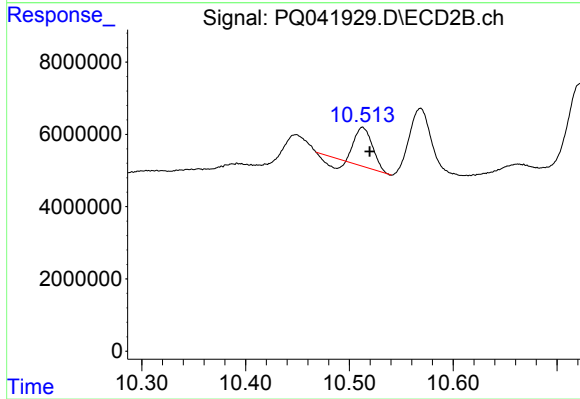
#1 Tetrachloro-m-xylene

R.T.: 4.755 min
Delta R.T.: -0.005 min
Response: 3877345
Conc: 2.01 ng/ml



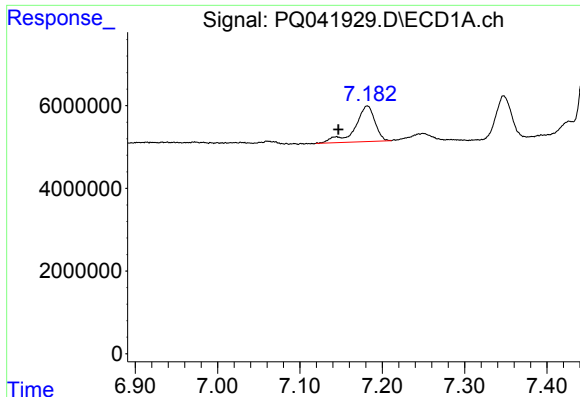
#2 Decachlorobiphenyl

R.T.: 12.099 min
Delta R.T.: -0.007 min
Response: 16594466
Conc: 1.97 ng/ml



#2 Decachlorobiphenyl

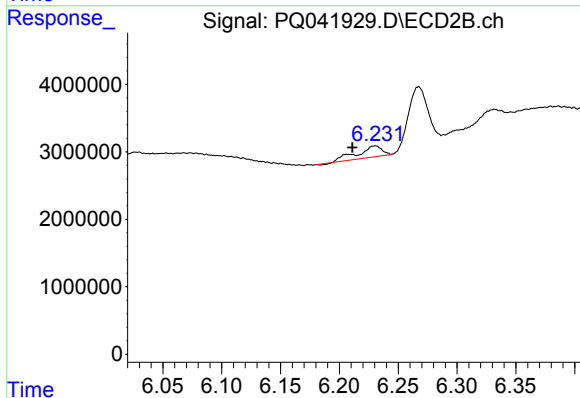
R.T.: 10.513 min
Delta R.T.: -0.007 min
Response: 10976541
Conc: 2.27 ng/ml



#3 AR-1016-1

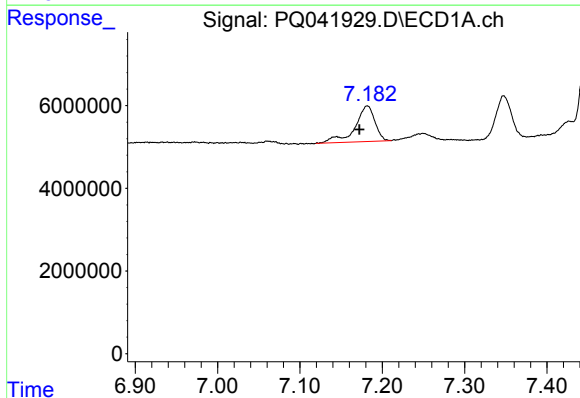
R.T.: 7.182 min
Delta R.T.: 0.035 min
Response: 14430940
Conc: 133.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



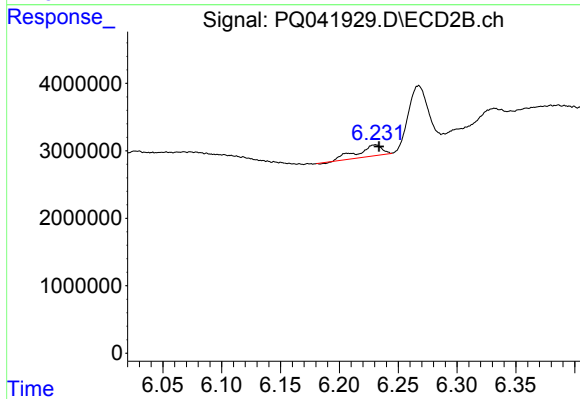
#3 AR-1016-1

R.T.: 6.230 min
Delta R.T.: 0.019 min
Response: 2363346
Conc: 22.78 ng/ml



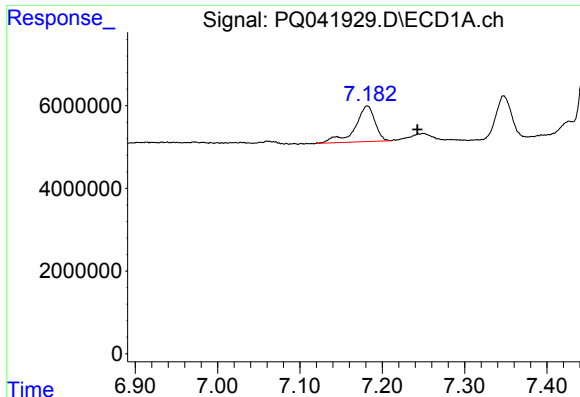
#4 AR-1016-2

R.T.: 7.182 min
Delta R.T.: 0.010 min
Response: 14430940
Conc: 92.19 ng/ml



#4 AR-1016-2

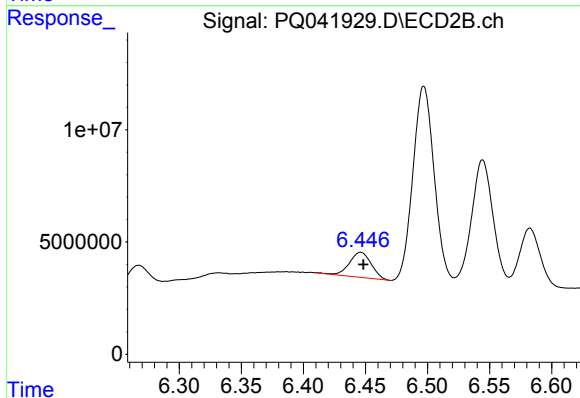
R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 2363346
Conc: 16.50 ng/ml



#5 AR-1016-3

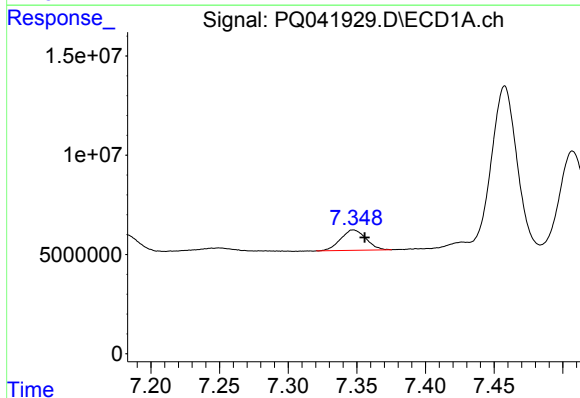
R.T.: 7.182 min
Delta R.T.: -0.061 min
Response: 14430940
Conc: 149.19 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



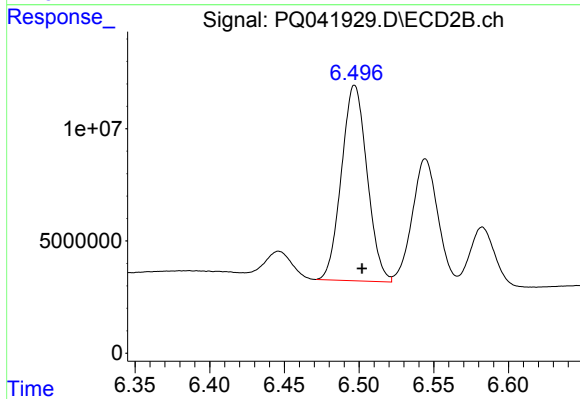
#5 AR-1016-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 13614092
Conc: 182.56 ng/ml



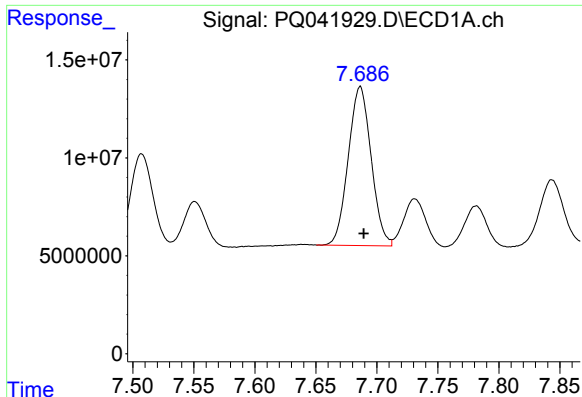
#6 AR-1016-4

R.T.: 7.347 min
Delta R.T.: -0.008 min
Response: 13197201
Conc: 169.16 ng/ml



#6 AR-1016-4

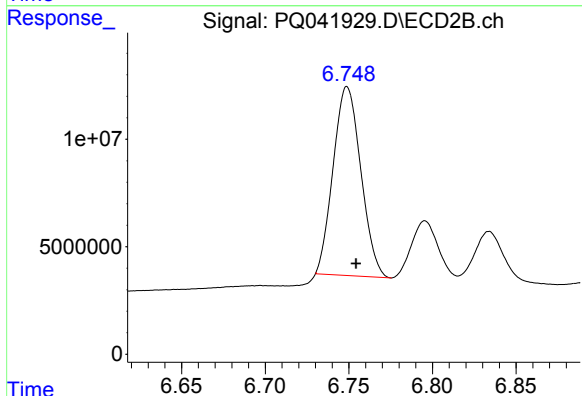
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 104170651
Conc: 1679.89 ng/ml



#7 AR-1016-5

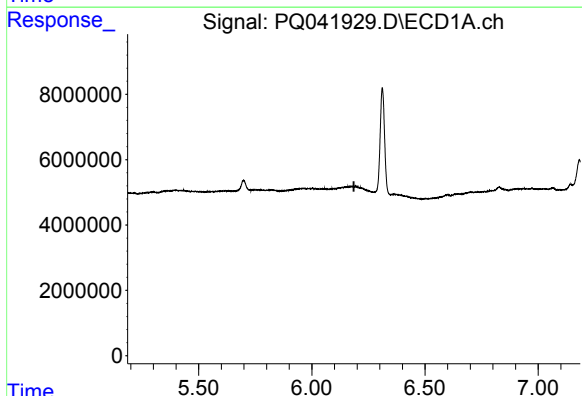
R.T.: 7.686 min
Delta R.T.: -0.003 min
Response: 105991250
Conc: 1348.31 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



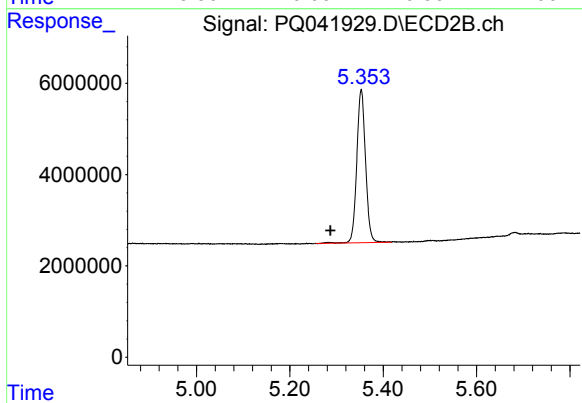
#7 AR-1016-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 101205353
Conc: 1243.26 ng/ml



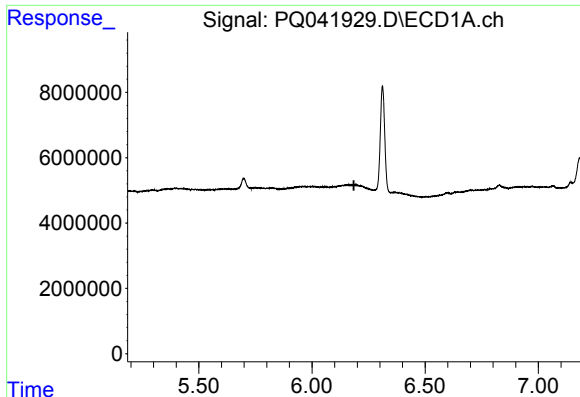
#10 AR-1221-3

R.T.: 0.000 min
Exp R.T. : 6.186 min
Response: 0
Conc: N.D.



#10 AR-1221-3

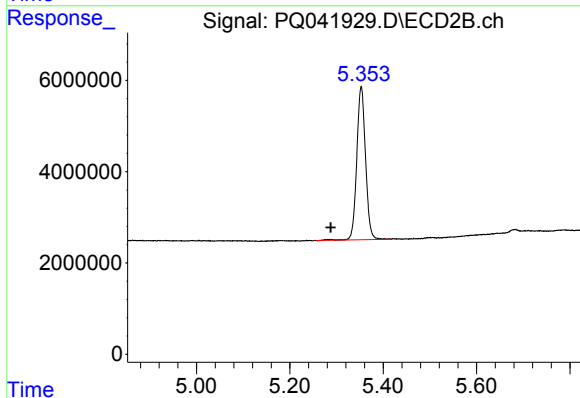
R.T.: 5.353 min
Delta R.T.: 0.066 min
Response: 43894504
Conc: 804.93 ng/ml



#11 AR-1232-1

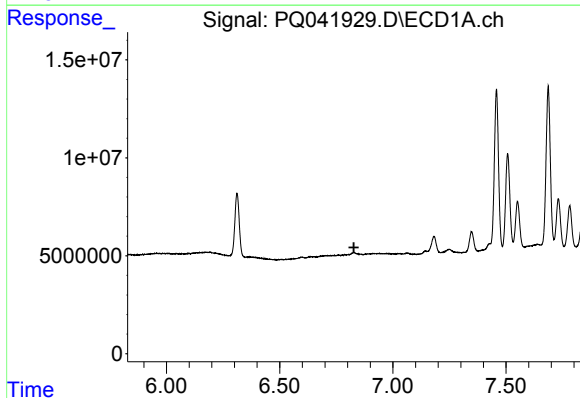
R.T.: 0.000 min
Exp R.T. : 6.185 min
Response: 0
Conc: N.D.

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



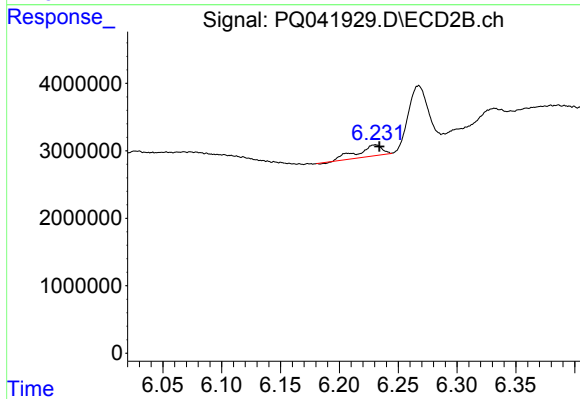
#11 AR-1232-1

R.T.: 5.353 min
Delta R.T.: 0.065 min
Response: 43894504
Conc: 909.02 ng/ml



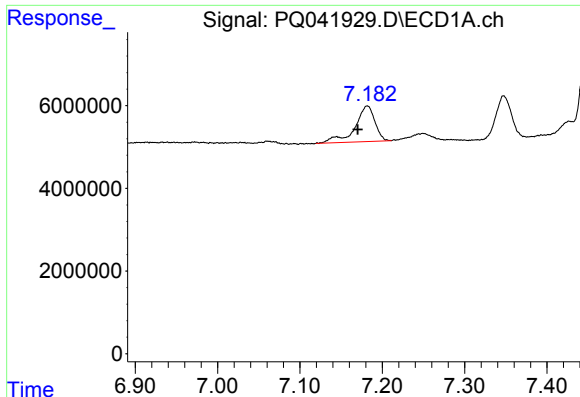
#12 AR-1232-2

R.T.: 0.000 min
Exp R.T. : 6.828 min
Response: 0
Conc: N.D.



#12 AR-1232-2

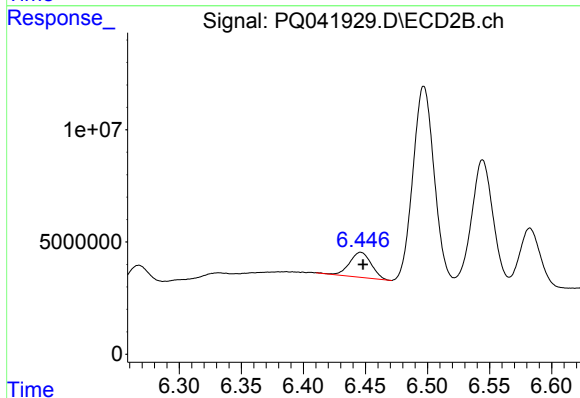
R.T.: 6.230 min
Delta R.T.: -0.004 min
Response: 2363346
Conc: 41.44 ng/ml



#13 AR-1232-3

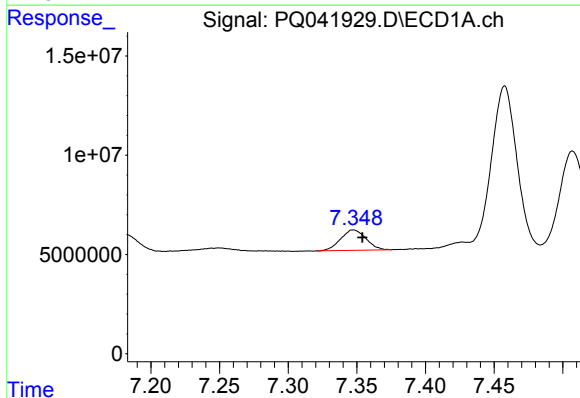
R.T.: 7.182 min
Delta R.T.: 0.012 min
Response: 14430940
Conc: 216.15 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



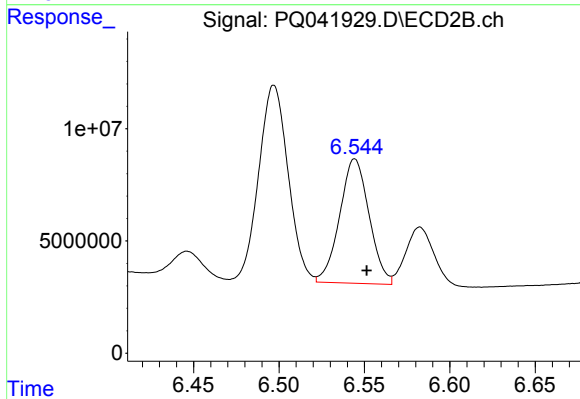
#13 AR-1232-3

R.T.: 6.446 min
Delta R.T.: -0.002 min
Response: 13614092
Conc: 456.55 ng/ml



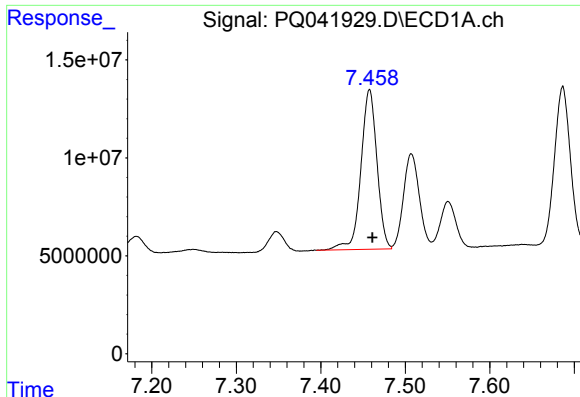
#14 AR-1232-4

R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 13197201
Conc: 411.43 ng/ml



#14 AR-1232-4

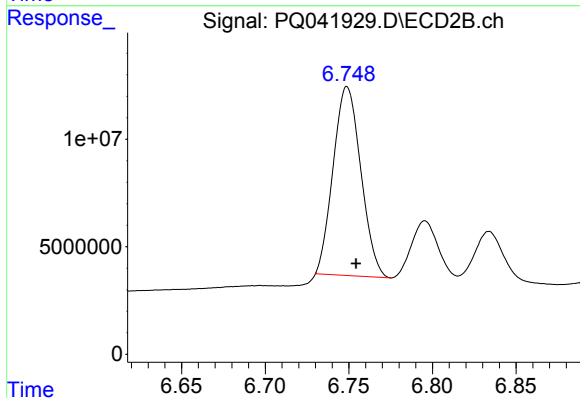
R.T.: 6.544 min
Delta R.T.: -0.007 min
Response: 66627070
Conc: 2495.71 ng/ml



#15 AR-1232-5

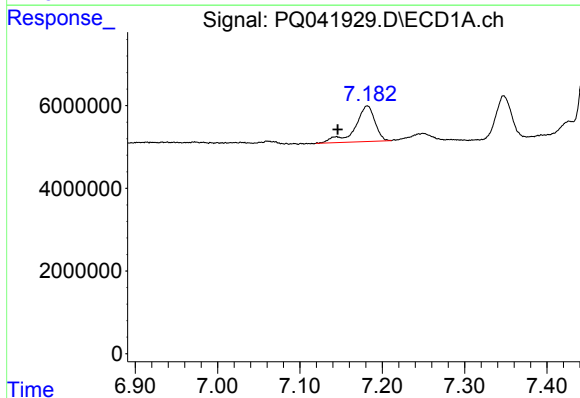
R.T.: 7.458 min
Delta R.T.: -0.003 min
Response: 107488249
Conc: 5001.72 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



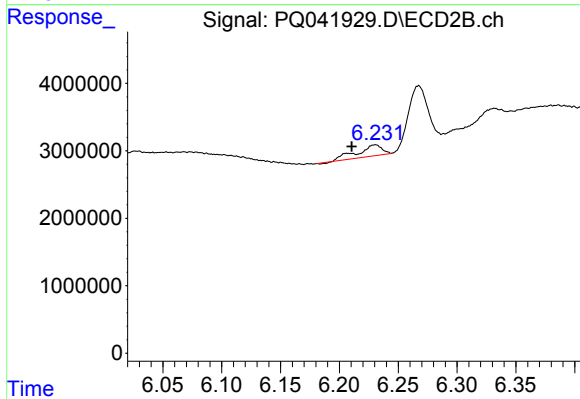
#15 AR-1232-5

R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 101205353
Conc: 3451.03 ng/ml



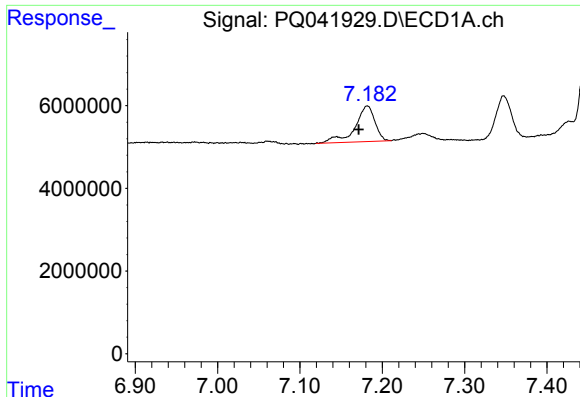
#16 AR-1242-1

R.T.: 7.182 min
Delta R.T.: 0.036 min
Response: 14430940
Conc: 161.33 ng/ml



#16 AR-1242-1

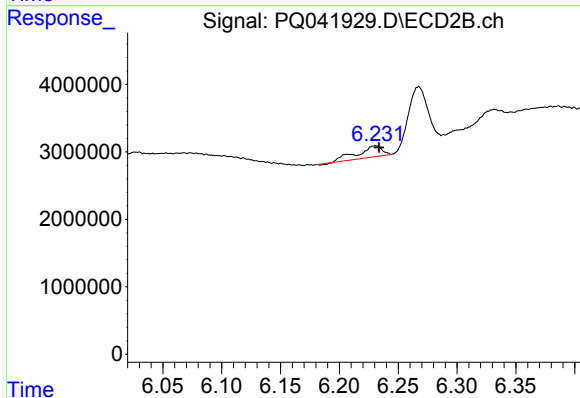
R.T.: 6.230 min
Delta R.T.: 0.020 min
Response: 2363346
Conc: 28.88 ng/ml



#17 AR-1242-2

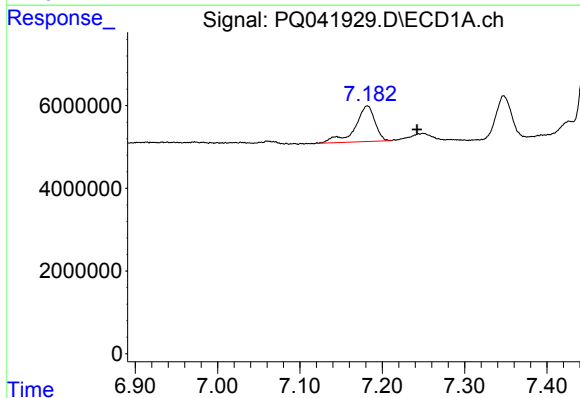
R.T.: 7.182 min
Delta R.T.: 0.010 min
Response: 14430940
Conc: 112.22 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



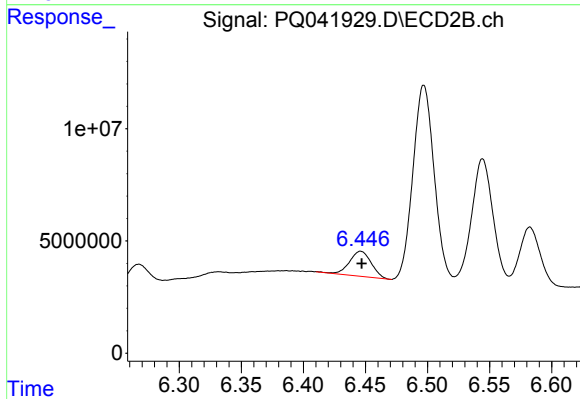
#17 AR-1242-2

R.T.: 6.230 min
Delta R.T.: -0.003 min
Response: 2363346
Conc: 20.93 ng/ml



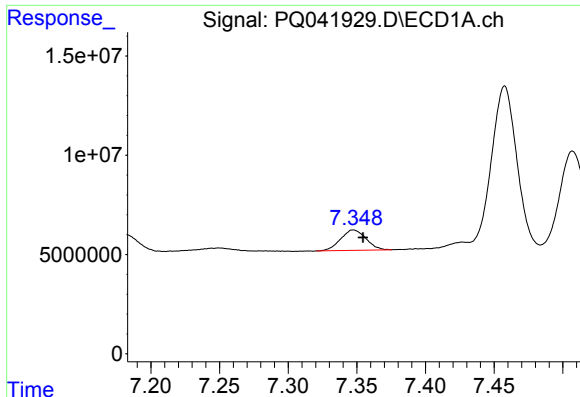
#18 AR-1242-3

R.T.: 7.182 min
Delta R.T.: -0.060 min
Response: 14430940
Conc: 177.97 ng/ml



#18 AR-1242-3

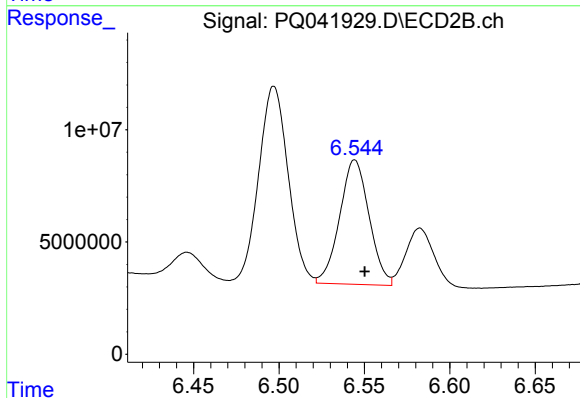
R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 13614092
Conc: 230.46 ng/ml



#19 AR-1242-4

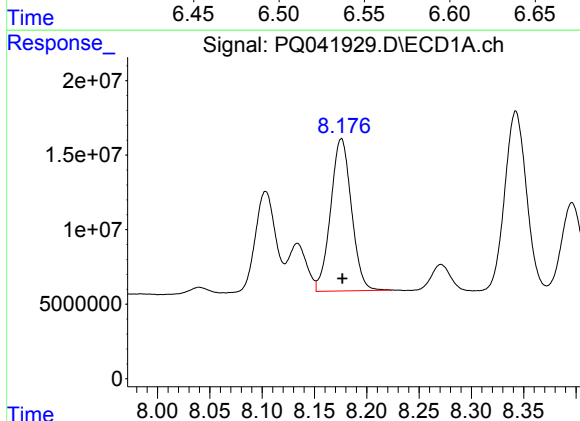
R.T.: 7.347 min
Delta R.T.: -0.007 min
Response: 13197201
Conc: 205.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



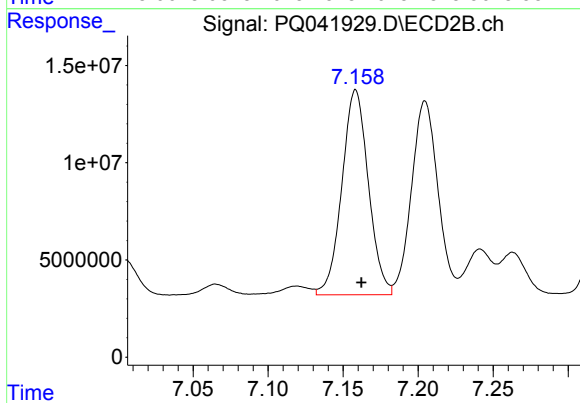
#19 AR-1242-4

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 66627070
Conc: 1123.61 ng/ml



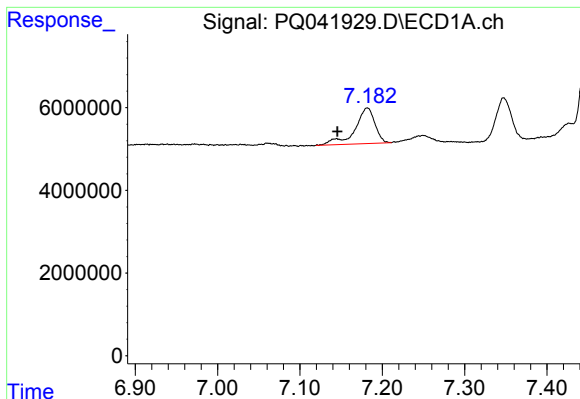
#20 AR-1242-5

R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 141543697
Conc: 1595.29 ng/ml



#20 AR-1242-5

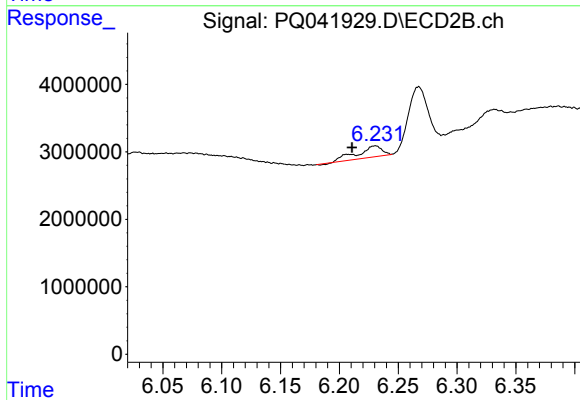
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 129491349
Conc: 1458.33 ng/ml



#21 AR-1248-1

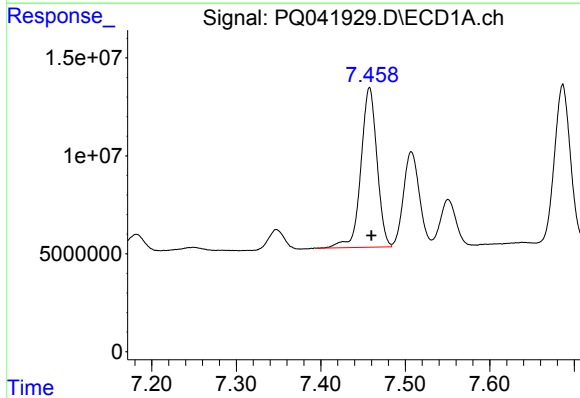
R.T.: 7.182 min
Delta R.T.: 0.036 min
Response: 14430940
Conc: 194.65 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



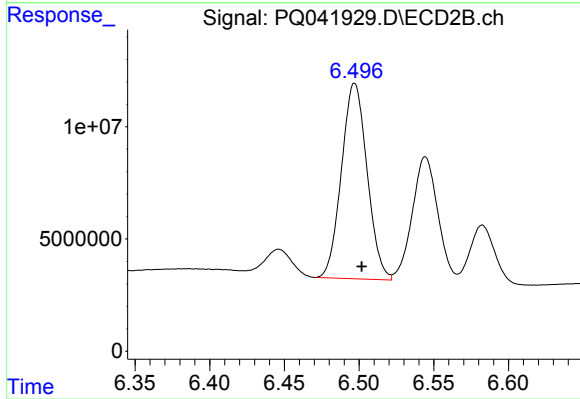
#21 AR-1248-1

R.T.: 6.230 min
Delta R.T.: 0.020 min
Response: 2363346
Conc: 35.64 ng/ml



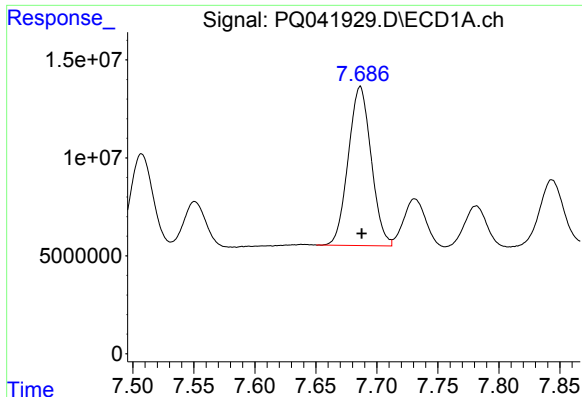
#22 AR-1248-2

R.T.: 7.458 min
Delta R.T.: -0.002 min
Response: 107488249
Conc: 1165.02 ng/ml



#22 AR-1248-2

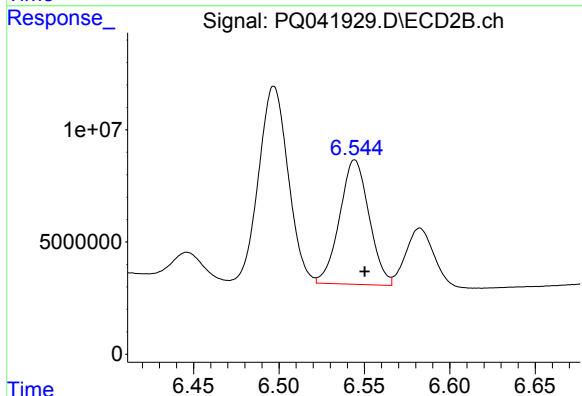
R.T.: 6.497 min
Delta R.T.: -0.005 min
Response: 104170651
Conc: 1194.79 ng/ml



#23 AR-1248-3

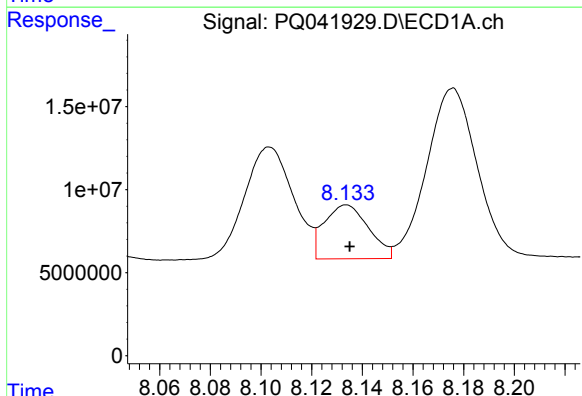
R.T.: 7.686 min
Delta R.T.: -0.001 min
Response: 105991250
Conc: 946.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



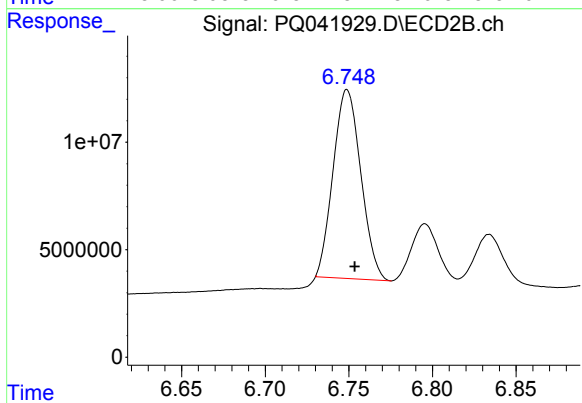
#23 AR-1248-3

R.T.: 6.544 min
Delta R.T.: -0.006 min
Response: 66627070
Conc: 746.47 ng/ml



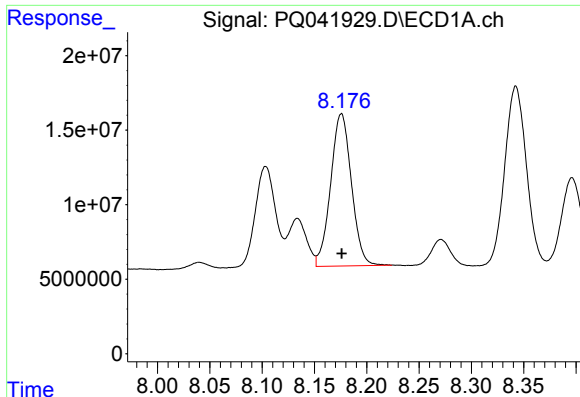
#24 AR-1248-4

R.T.: 8.134 min
Delta R.T.: -0.001 min
Response: 39387247
Conc: 251.90 ng/ml



#24 AR-1248-4

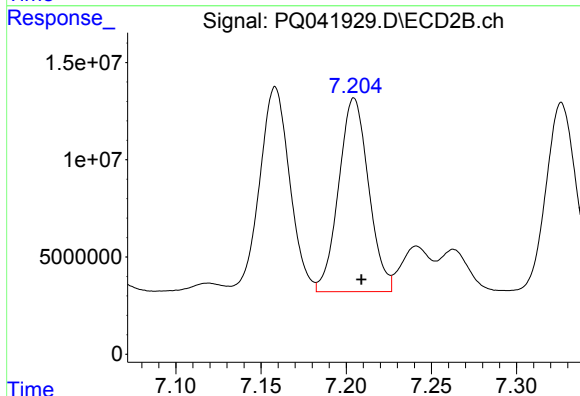
R.T.: 6.749 min
Delta R.T.: -0.005 min
Response: 101205353
Conc: 918.87 ng/ml



#25 AR-1248-5

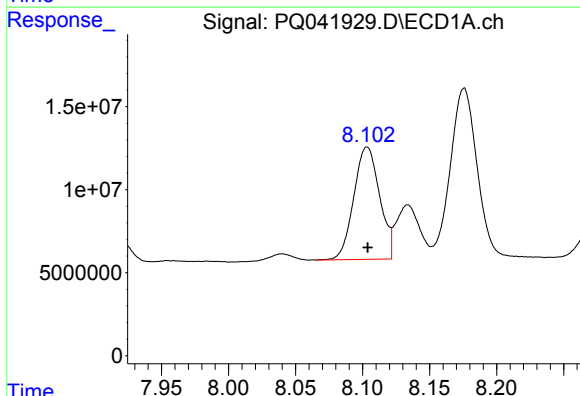
R.T.: 8.176 min
Delta R.T.: 0.000 min
Response: 141543697
Conc: 935.37 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



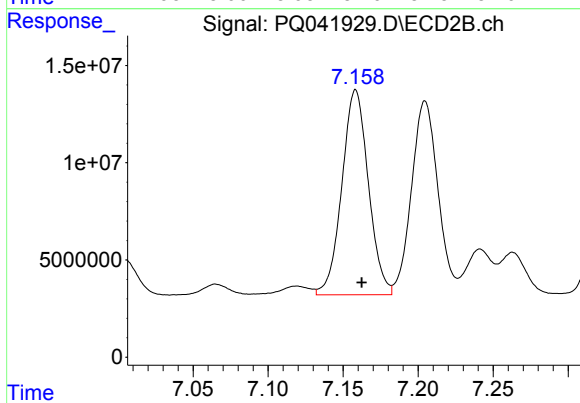
#25 AR-1248-5

R.T.: 7.205 min
Delta R.T.: -0.004 min
Response: 121811330
Conc: 950.35 ng/ml



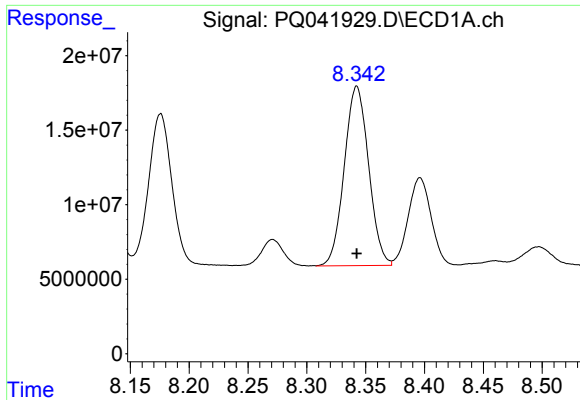
#26 AR-1254-1

R.T.: 8.103 min
Delta R.T.: 0.000 min
Response: 90866430
Conc: 653.18 ng/ml



#26 AR-1254-1

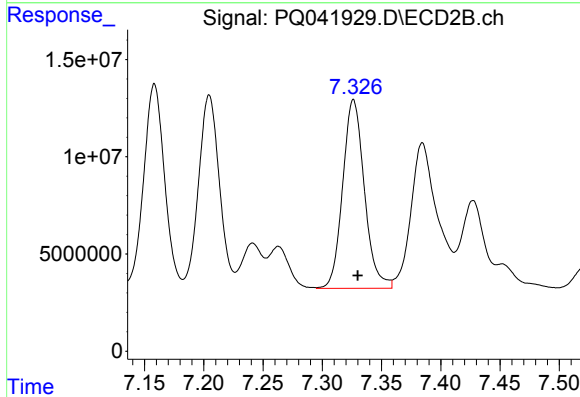
R.T.: 7.158 min
Delta R.T.: -0.004 min
Response: 129491349
Conc: 708.05 ng/ml



#27 AR-1254-2

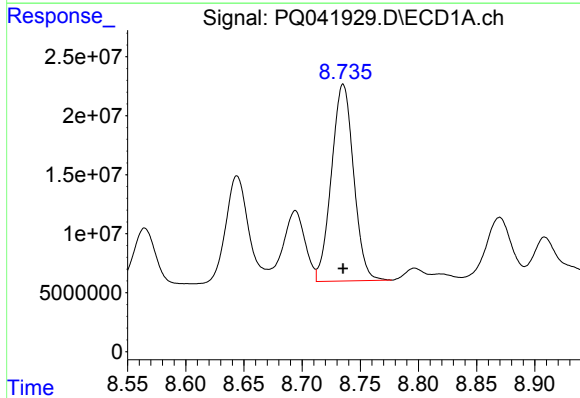
R.T.: 8.342 min
Delta R.T.: 0.000 min
Response: 173440245
Conc: 757.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



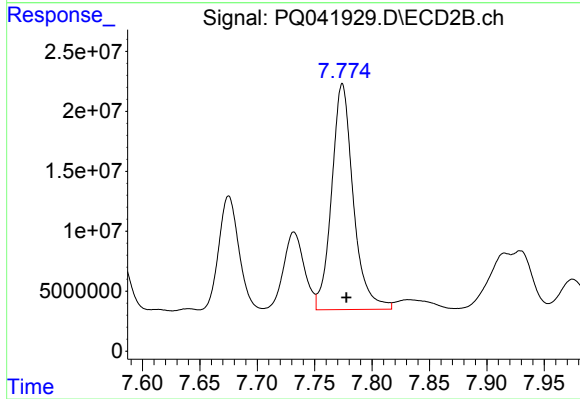
#27 AR-1254-2

R.T.: 7.326 min
Delta R.T.: -0.004 min
Response: 123724551
Conc: 764.34 ng/ml



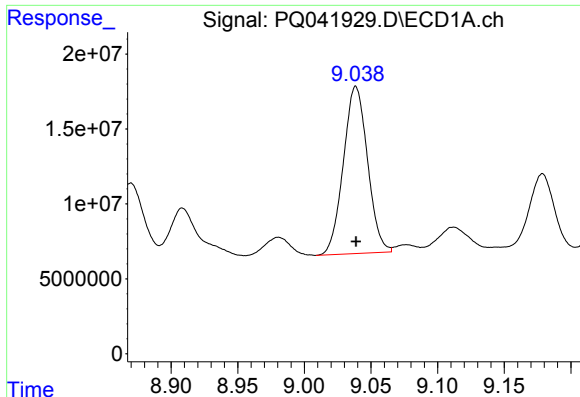
#28 AR-1254-3

R.T.: 8.735 min
Delta R.T.: 0.000 min
Response: 221291149
Conc: 809.33 ng/ml



#28 AR-1254-3

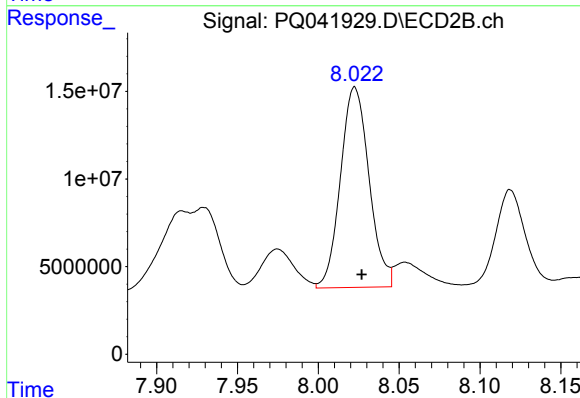
R.T.: 7.774 min
Delta R.T.: -0.004 min
Response: 247466936
Conc: 858.05 ng/ml



#29 AR-1254-4

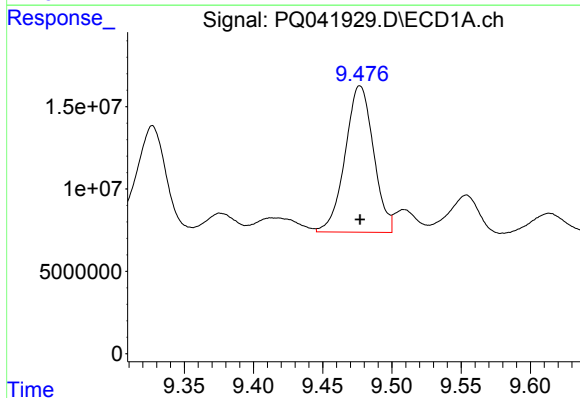
R.T.: 9.039 min
Delta R.T.: 0.000 min
Response: 140938889
Conc: 572.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



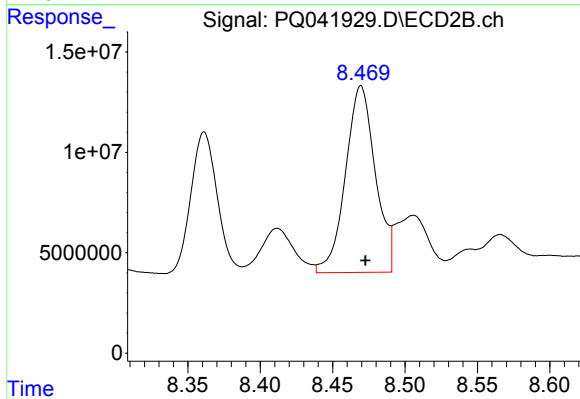
#29 AR-1254-4

R.T.: 8.023 min
Delta R.T.: -0.004 min
Response: 140921601
Conc: 649.19 ng/ml



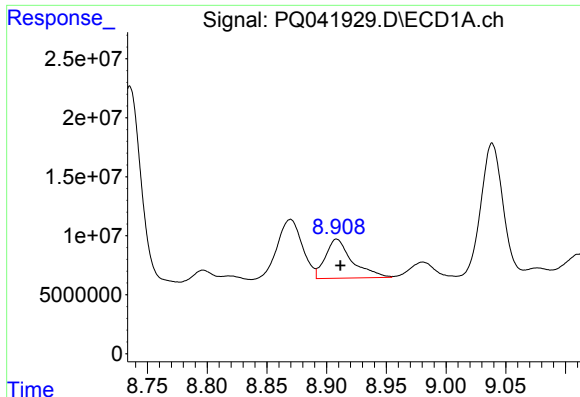
#30 AR-1254-5

R.T.: 9.477 min
Delta R.T.: 0.000 min
Response: 126808076
Conc: 468.19 ng/ml



#30 AR-1254-5

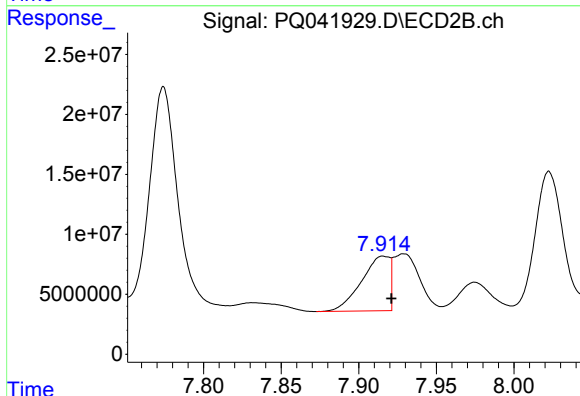
R.T.: 8.470 min
Delta R.T.: -0.003 min
Response: 133684307
Conc: 444.48 ng/ml



#31 AR-1260-1

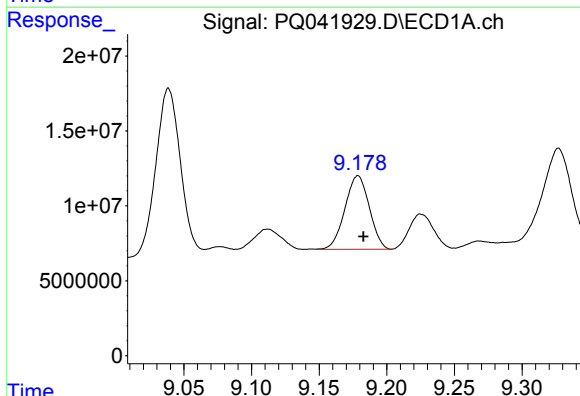
R.T.: 8.908 min
Delta R.T.: -0.003 min
Response: 51627405
Conc: 290.23 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



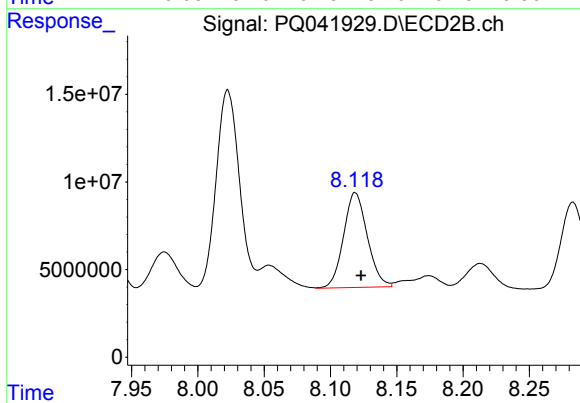
#31 AR-1260-1

R.T.: 7.916 min
Delta R.T.: -0.005 min
Response: 57489528
Conc: 316.87 ng/ml



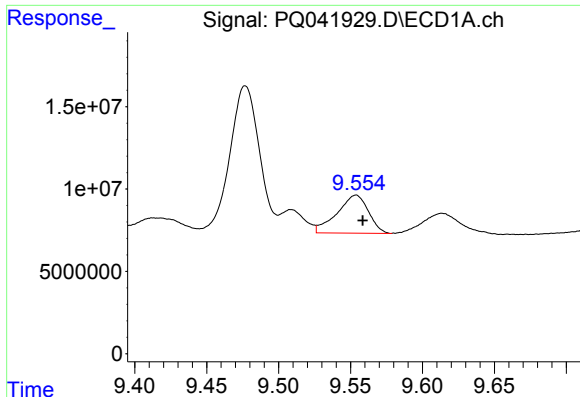
#32 AR-1260-2

R.T.: 9.179 min
Delta R.T.: -0.004 min
Response: 61500835
Conc: 243.78 ng/ml



#32 AR-1260-2

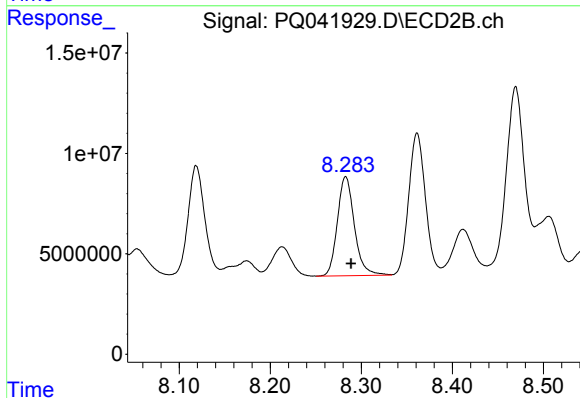
R.T.: 8.119 min
Delta R.T.: -0.004 min
Response: 67605217
Conc: 275.56 ng/ml



#33 AR-1260-3

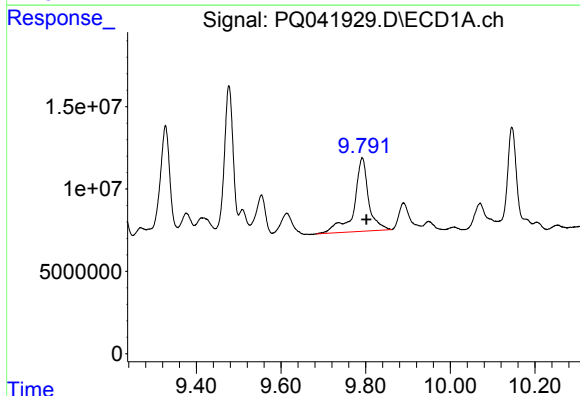
R.T.: 9.554 min
Delta R.T.: -0.005 min
Response: 35197668
Conc: 153.61 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



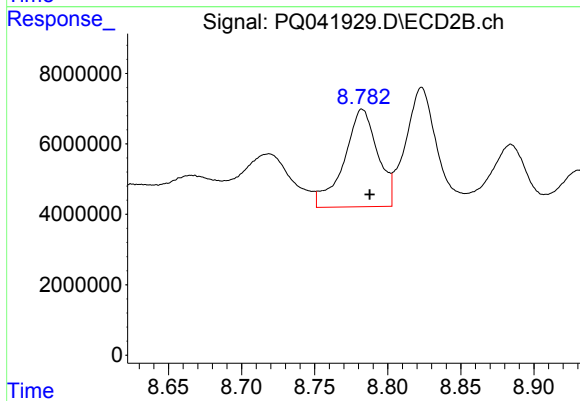
#33 AR-1260-3

R.T.: 8.283 min
Delta R.T.: -0.006 min
Response: 64200773
Conc: 301.73 ng/ml



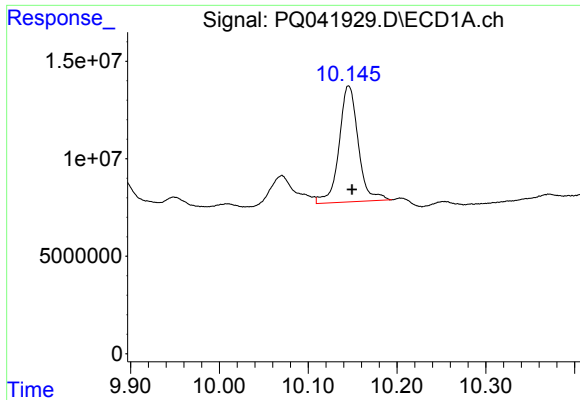
#34 AR-1260-4

R.T.: 9.792 min
Delta R.T.: -0.010 min
Response: 105234815
Conc: 412.13 ng/ml



#34 AR-1260-4

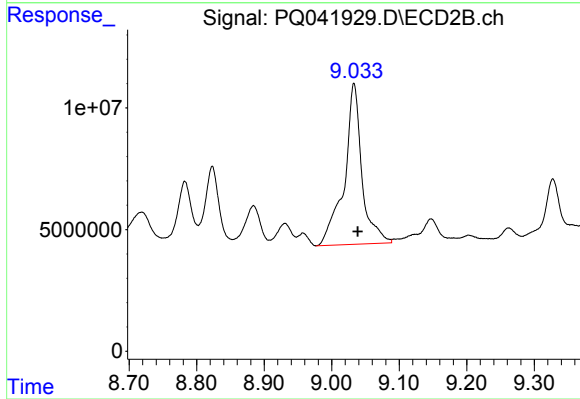
R.T.: 8.783 min
Delta R.T.: -0.005 min
Response: 44393773
Conc: 219.46 ng/ml



#35 AR-1260-5

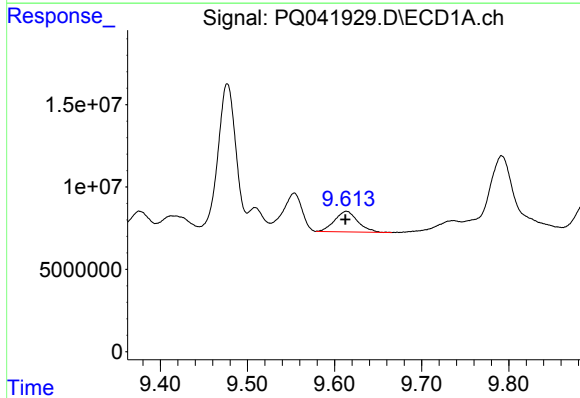
R.T.: 10.146 min
Delta R.T.: -0.004 min
Response: 89099714
Conc: 132.28 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



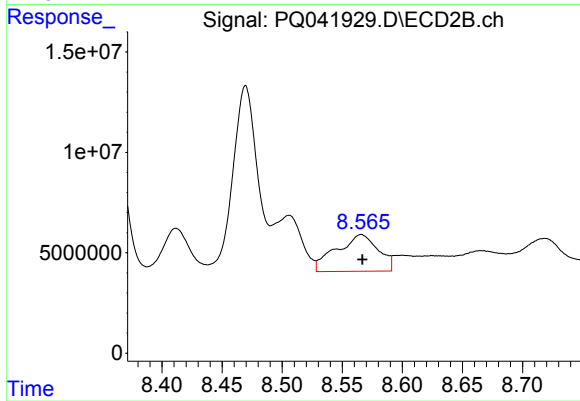
#35 AR-1260-5

R.T.: 9.033 min
Delta R.T.: -0.006 min
Response: 119752661
Conc: 202.90 ng/ml



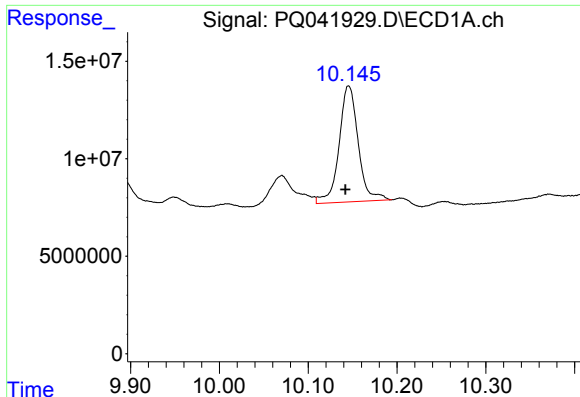
#36 AR-1262-1

R.T.: 9.614 min
Delta R.T.: 0.001 min
Response: 23106894
Conc: 150.34 ng/ml



#36 AR-1262-1

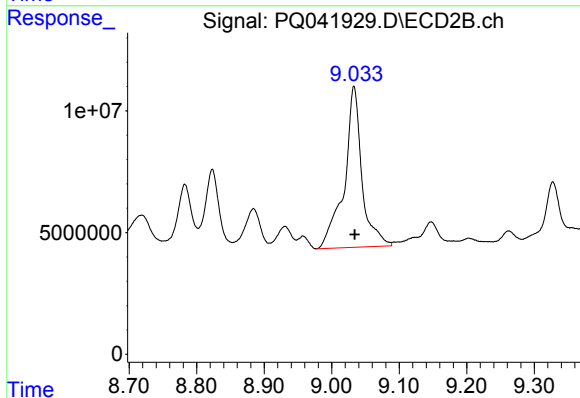
R.T.: 8.566 min
Delta R.T.: 0.000 min
Response: 44312927
Conc: 308.88 ng/ml



#37 AR-1262-2

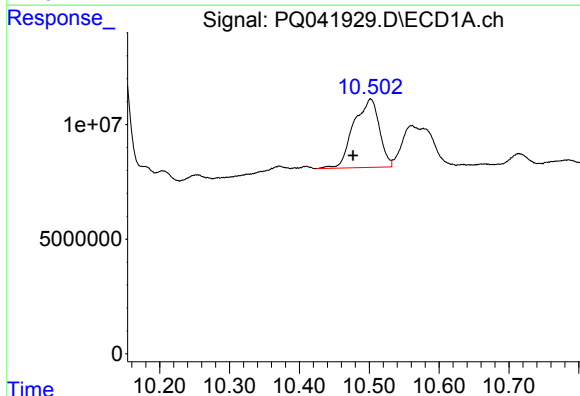
R.T.: 10.146 min
Delta R.T.: 0.004 min
Response: 89099714
Conc: 101.78 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



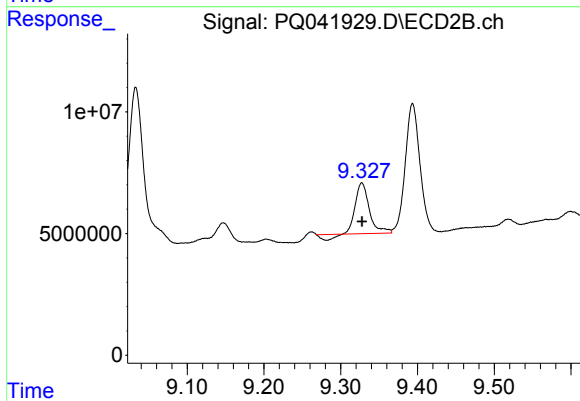
#37 AR-1262-2

R.T.: 9.033 min
Delta R.T.: -0.001 min
Response: 119752661
Conc: 161.60 ng/ml



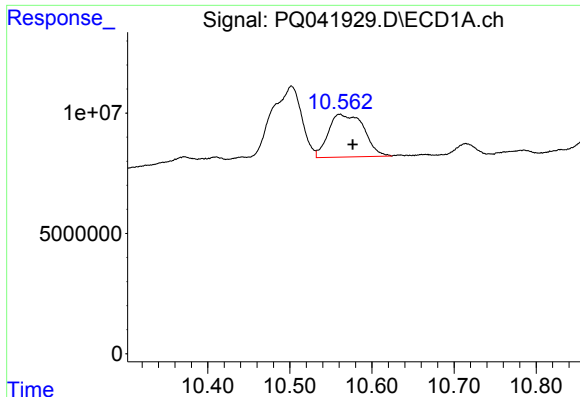
#38 AR-1262-3

R.T.: 10.502 min
Delta R.T.: 0.025 min
Response: 76297461
Conc: 120.15 ng/ml



#38 AR-1262-3

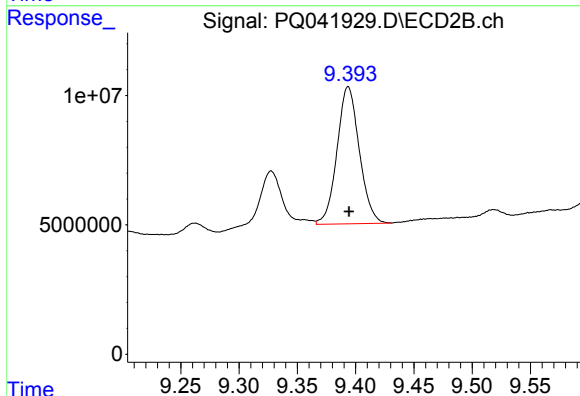
R.T.: 9.328 min
Delta R.T.: 0.000 min
Response: 24977535
Conc: 78.95 ng/ml



#39 AR-1262-4

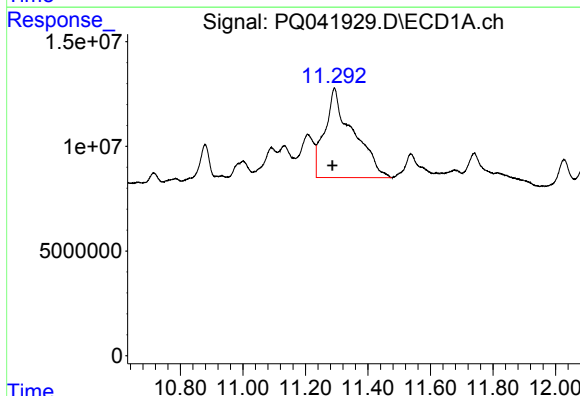
R.T.: 10.561 min
Delta R.T.: -0.016 min
Response: 53224968
Conc: 106.30 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



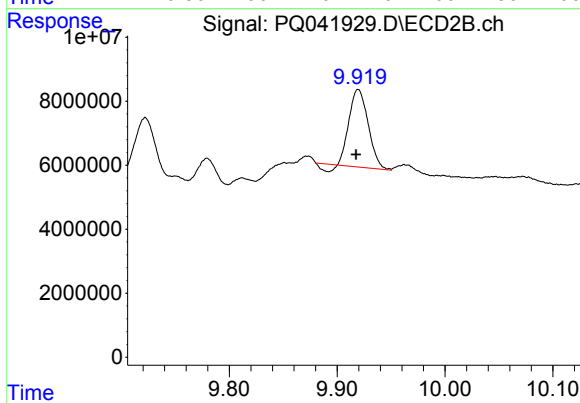
#39 AR-1262-4

R.T.: 9.394 min
Delta R.T.: 0.000 min
Response: 70511912
Conc: 125.38 ng/ml



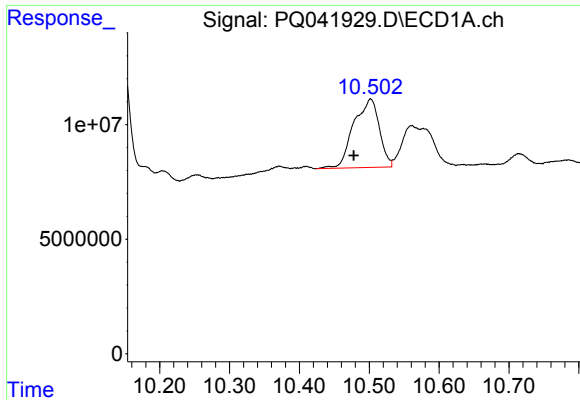
#40 AR-1262-5

R.T.: 11.293 min
Delta R.T.: 0.006 min
Response: 267704660
Conc: 657.57 ng/ml



#40 AR-1262-5

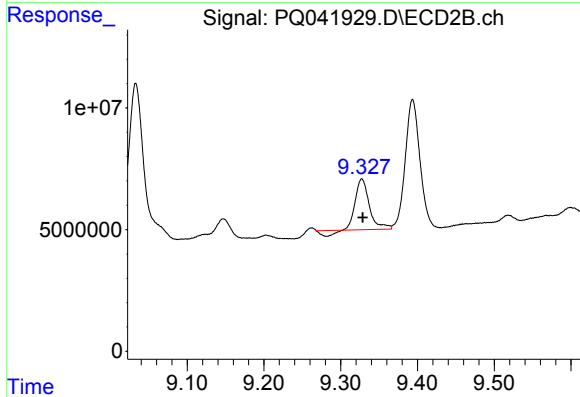
R.T.: 9.920 min
Delta R.T.: 0.002 min
Response: 28424602
Conc: 99.52 ng/ml



#41 AR-1268-1

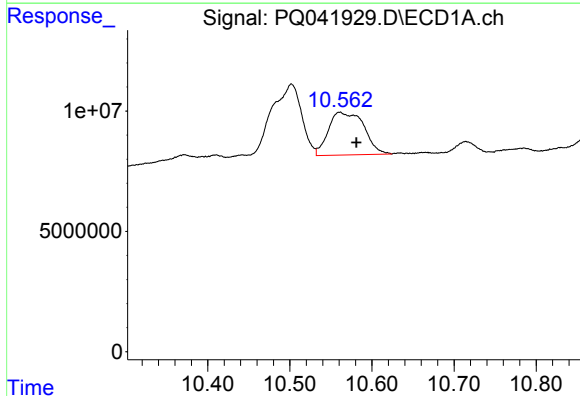
R.T.: 10.502 min
Delta R.T.: 0.024 min
Response: 76297461
Conc: 53.56 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



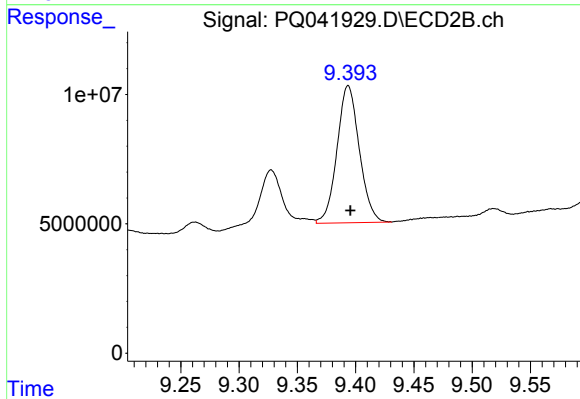
#41 AR-1268-1

R.T.: 9.328 min
Delta R.T.: -0.001 min
Response: 24977535
Conc: 21.85 ng/ml



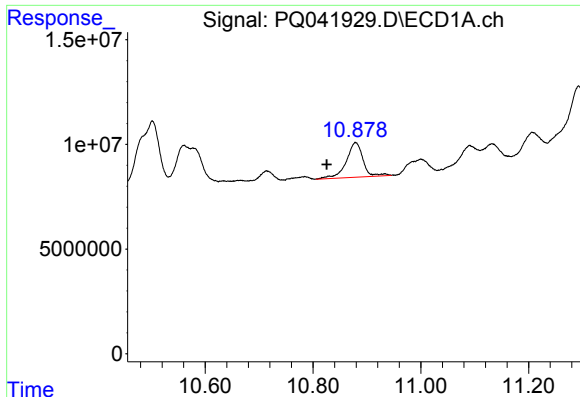
#42 AR-1268-2

R.T.: 10.561 min
Delta R.T.: -0.020 min
Response: 53224968
Conc: 40.35 ng/ml



#42 AR-1268-2

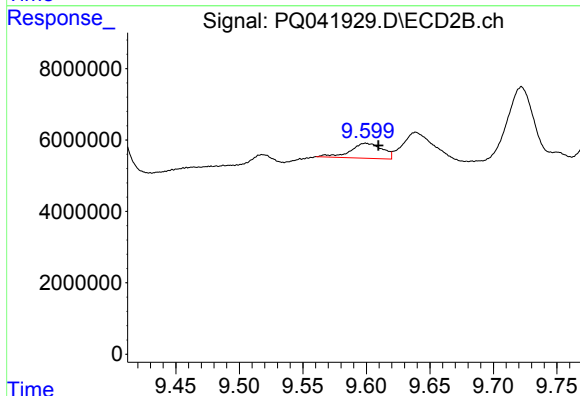
R.T.: 9.394 min
Delta R.T.: -0.002 min
Response: 70511912
Conc: 68.69 ng/ml



#43 AR-1268-3

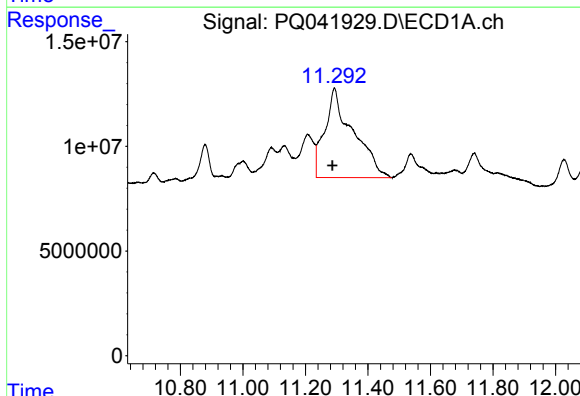
R.T.: 10.879 min
Delta R.T.: 0.054 min
Response: 35678017
Conc: 30.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



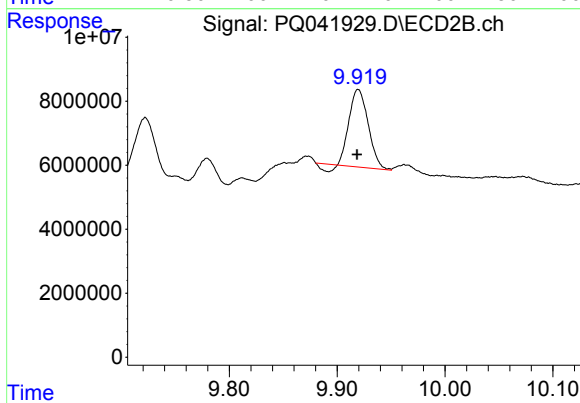
#43 AR-1268-3

R.T.: 9.599 min
Delta R.T.: -0.010 min
Response: 7311775
Conc: 8.41 ng/ml



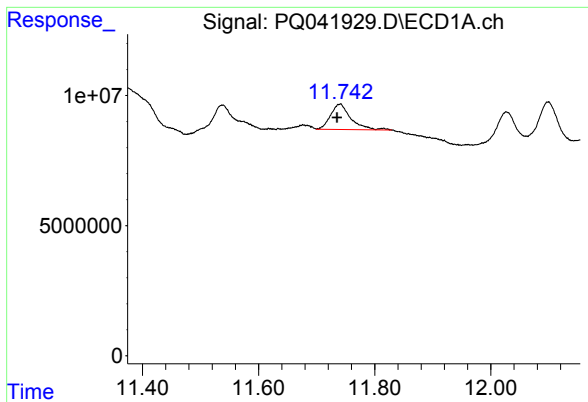
#44 AR-1268-4

R.T.: 11.293 min
Delta R.T.: 0.006 min
Response: 267704660
Conc: 491.73 ng/ml



#44 AR-1268-4

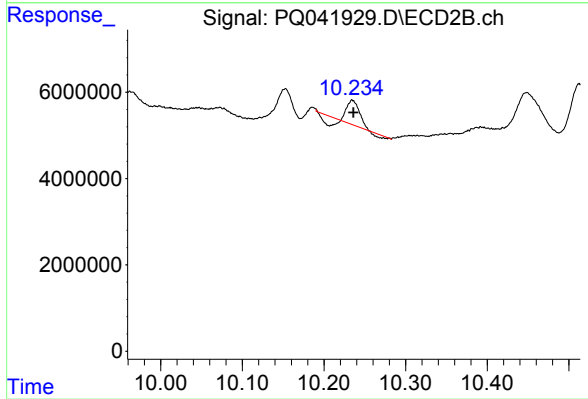
R.T.: 9.920 min
Delta R.T.: 0.001 min
Response: 28424602
Conc: 73.89 ng/ml



#45 AR-1268-5

R.T.: 11.741 min
Delta R.T.: 0.006 min
Response: 23686049
Conc: 5.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :
BENS6DL



#45 AR-1268-5

R.T.: 10.235 min
Delta R.T.: -0.001 min
Response: 3737239
Conc: 1.44 ng/ml