

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
 Data File : PQ041291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 11:08
 Operator : SM\AJ
 Sample : PB121295BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :
 PB121295BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 12:37:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jul 18 01:40:31 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...	5.710	4.765	92315028	70417796	22.070	21.539
2)	SA Decachlor...	12.126	10.538	182.9E6	72338287	21.698	21.953
Target Compounds							
3)	L1 AR-1016-1	7.155	6.221	40080895	32688726	231.621	224.542
4)	L1 AR-1016-2	7.181	6.244	57347356	44661406	232.796	225.727
5)	L1 AR-1016-3	7.252	6.458	34430719	23754135	233.086	224.624
6)	L1 AR-1016-4	7.365	6.512	28635169	19596040	229.573	230.962
7)	L1 AR-1016-5	7.699	6.765	27468227	24499364	223.500	236.771
9)	L2 AR-1221-2	0.000	5.190	0	3341435	N.D.	112.256 #
10)	L2 AR-1221-3	6.194	5.295	16368832	14007018	142.575	145.387
11)	L3 AR-1232-1	6.194	5.295	16368832	14007018	173.853	177.610
12)	L3 AR-1232-2	6.838	6.244	25081555	44661406	490.989	505.520
13)	L3 AR-1232-3	7.181	6.458	57347356	23754135	520.920	520.911
14)	L3 AR-1232-4	7.365	6.561	28635169	23744088	526.794	599.339
15)	L3 AR-1232-5	7.470	6.765	24855227	24499364	701.794	599.749
16)	L4 AR-1242-1	7.155	6.221	40080895	32688726	283.528	284.276
17)	L4 AR-1242-2	7.181	6.244	57347356	44661406	283.660	284.313
18)	L4 AR-1242-3	7.252	6.458	34430719	23754135	282.412	283.255
19)	L4 AR-1242-4	7.365	6.561	28635169	23744088	284.183	293.047
20)	L4 AR-1242-5	8.146	7.174	4896196	19633985	38.860	178.440 #
21)	L5 AR-1248-1	7.155	6.221	40080895	32688726	344.157	344.988
22)	L5 AR-1248-2	7.470	6.512	24855227	19596040	170.165	158.412
23)	L5 AR-1248-3	7.699	6.561	27468227	23744088	153.440	187.731
24)	L5 AR-1248-4	8.146	6.765	4896196	24499364	20.972	162.257 #
25)	L5 AR-1248-5	8.146	7.220	4896196	4577830	22.152	27.262
26)	L6 AR-1254-1	8.117	7.174	21115150	19633985	96.786	79.748
27)	L6 AR-1254-2	8.354	7.342	22758848	17949212	64.567	84.208 #
28)	L6 AR-1254-3	8.750	7.807	15493913	43373243	38.871	126.468 #
29)	L6 AR-1254-4	9.052	8.039	13946108	5991192	39.094	24.251 #
30)	L6 AR-1254-5	9.490	8.485	98571507	64328212	282.206	210.475 #
31)	L7 AR-1260-1	8.922	7.932	54940507	48523583	221.420	232.570
32)	L7 AR-1260-2	9.193	8.135	87367692	64876053	236.541	224.645
33)	L7 AR-1260-3	9.568	8.301	77024636	52826136	239.822	227.498
34)	L7 AR-1260-4	9.813	8.801	72350354	44445932	231.869	229.407
35)	L7 AR-1260-5	10.161	9.051	180.2E6	112.2E6	223.843	219.639
36)	L8 AR-1262-1	9.568	8.526	77024636	55638070	128.442	138.371
37)	L8 AR-1262-2	10.161	9.051	180.2E6	112.2E6	154.755	161.941
38)	L8 AR-1262-3	10.516	9.346	107.9E6	26650656	135.924	99.549 #
39)	L8 AR-1262-4	10.598	9.412	27073030	77183955	44.127	165.694 #
40)	L8 AR-1262-5	11.311	9.938	57913089	27960809	120.354	129.841
41)	L9 AR-1268-1	10.516	9.346	107.9E6	26650656	77.834	37.148 #
42)	L9 AR-1268-2	10.598	9.412	27073030	77183955	21.661	123.136 #
44)	L9 AR-1268-4	11.311	9.938	57913089	27960809	116.125	127.556

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ071819\
 Data File : PQ041291.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Jul 2019 11:08
 Operator : SM\AJ
 Sample : PB121295BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

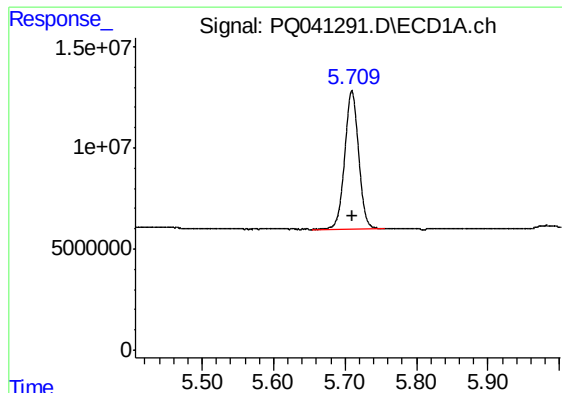
Instrument :
 ECD_Q
 ClientSampleId :
 PB121295BS

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 18 12:37:45 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ071719.M
 Quant Title : GC EXTRACTABLES
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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
45) L9	AR-1268-5	11.759	10.257	15252457	7194605	4.106	5.101

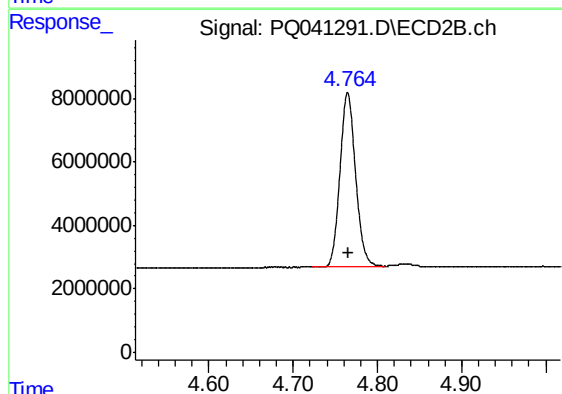
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

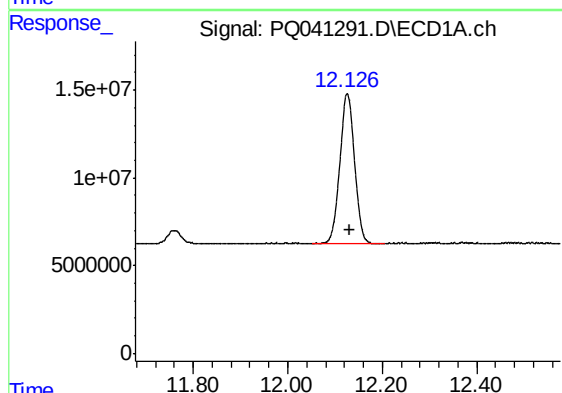
R.T.: 5.710 min
Delta R.T.: -0.001 min
Response: 92315028
Conc: 22.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



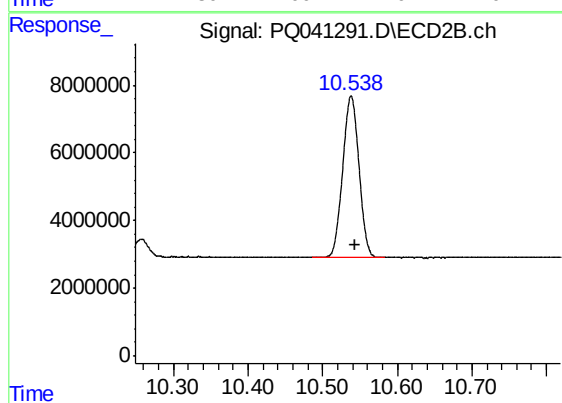
#1 Tetrachloro-m-xylene

R.T.: 4.765 min
Delta R.T.: 0.000 min
Response: 70417796
Conc: 21.54 ng/ml



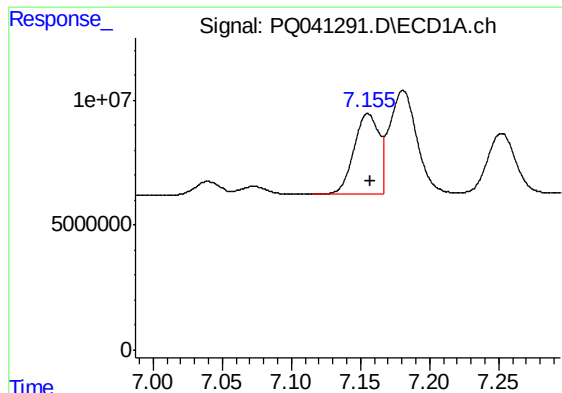
#2 Decachlorobiphenyl

R.T.: 12.126 min
Delta R.T.: -0.006 min
Response: 182945089
Conc: 21.70 ng/ml



#2 Decachlorobiphenyl

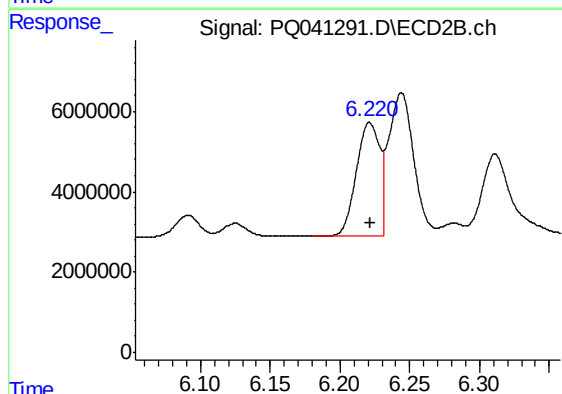
R.T.: 10.538 min
Delta R.T.: -0.005 min
Response: 72338287
Conc: 21.95 ng/ml



#3 AR-1016-1

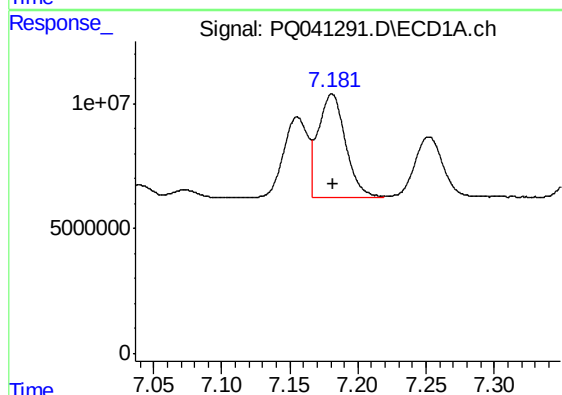
R.T.: 7.155 min
Delta R.T.: -0.002 min
Response: 40080895
Conc: 231.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



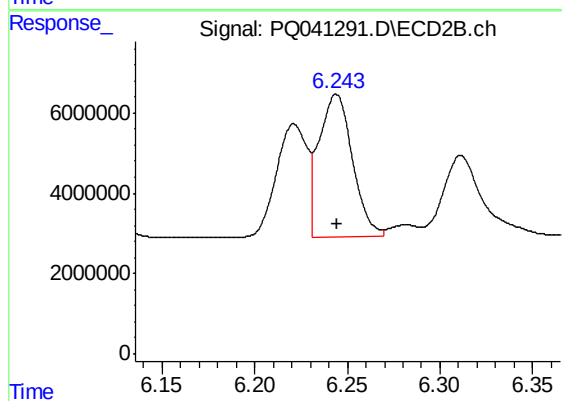
#3 AR-1016-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32688726
Conc: 224.54 ng/ml



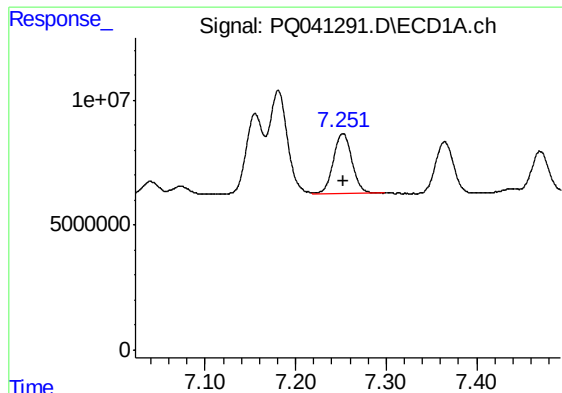
#4 AR-1016-2

R.T.: 7.181 min
Delta R.T.: -0.001 min
Response: 57347356
Conc: 232.80 ng/ml



#4 AR-1016-2

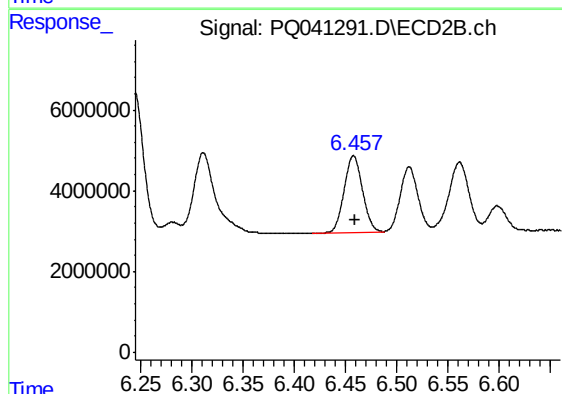
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 44661406
Conc: 225.73 ng/ml



#5 AR-1016-3

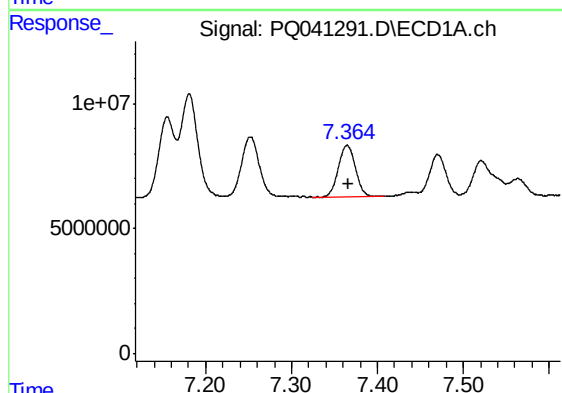
R.T.: 7.252 min
Delta R.T.: -0.001 min
Response: 34430719
Conc: 233.09 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



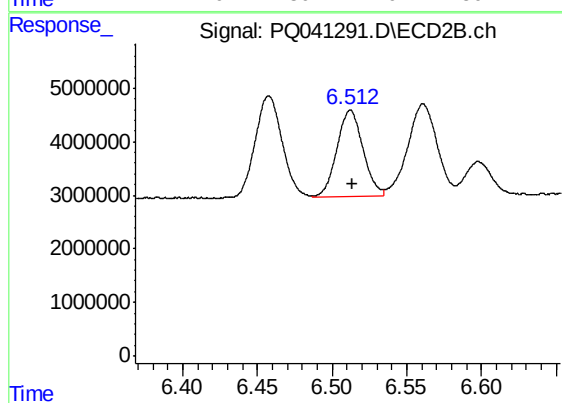
#5 AR-1016-3

R.T.: 6.458 min
Delta R.T.: -0.001 min
Response: 23754135
Conc: 224.62 ng/ml



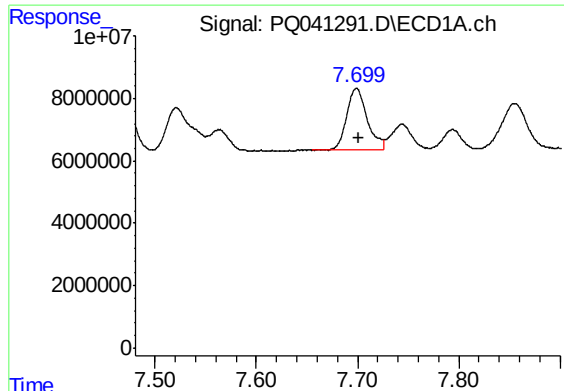
#6 AR-1016-4

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 28635169
Conc: 229.57 ng/ml



#6 AR-1016-4

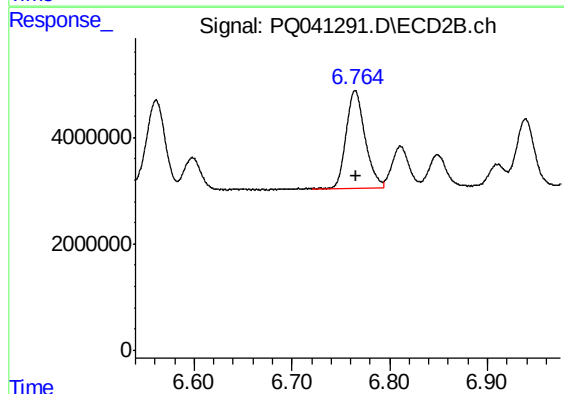
R.T.: 6.512 min
Delta R.T.: -0.001 min
Response: 19596040
Conc: 230.96 ng/ml



#7 AR-1016-5

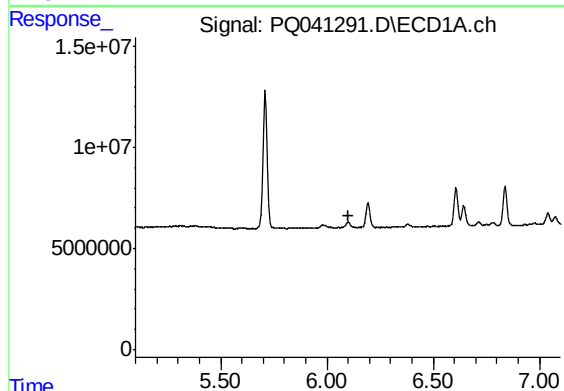
R.T.: 7.699 min
Delta R.T.: -0.002 min
Response: 27468227
Conc: 223.50 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



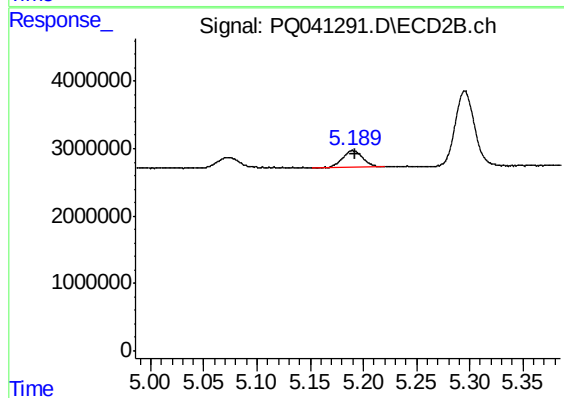
#7 AR-1016-5

R.T.: 6.765 min
Delta R.T.: -0.002 min
Response: 24499364
Conc: 236.77 ng/ml



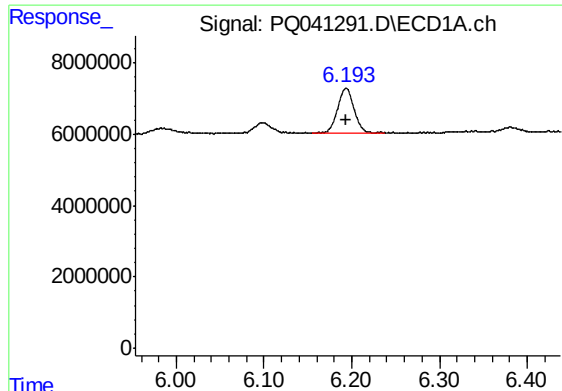
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 6.099 min
Response: 0
Conc: N.D.



#9 AR-1221-2

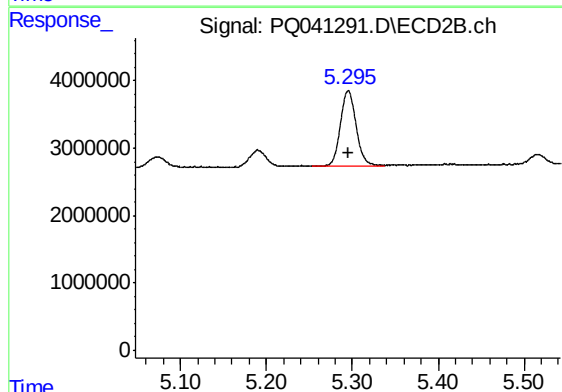
R.T.: 5.190 min
Delta R.T.: -0.002 min
Response: 3341435
Conc: 112.26 ng/ml



#10 AR-1221-3

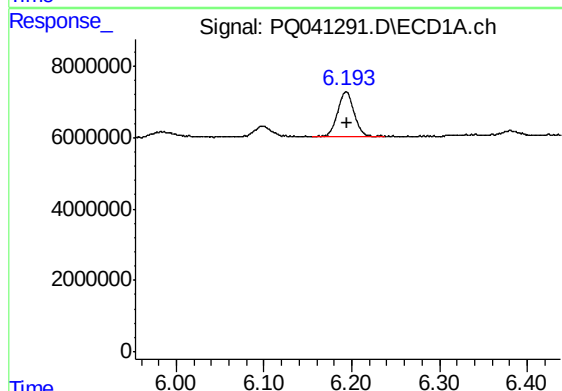
R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 16368832
Conc: 142.57 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



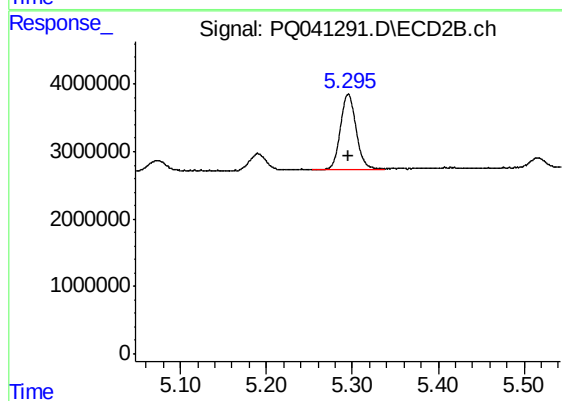
#10 AR-1221-3

R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 14007018
Conc: 145.39 ng/ml



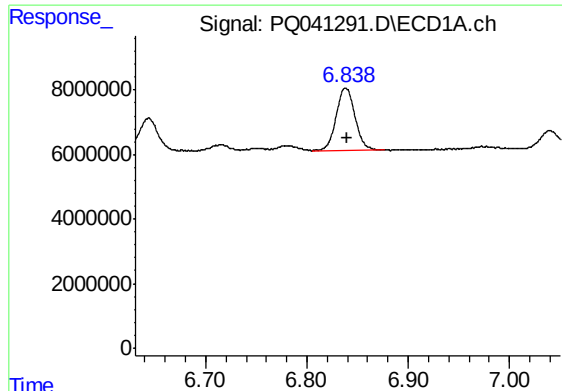
#11 AR-1232-1

R.T.: 6.194 min
Delta R.T.: 0.000 min
Response: 16368832
Conc: 173.85 ng/ml



#11 AR-1232-1

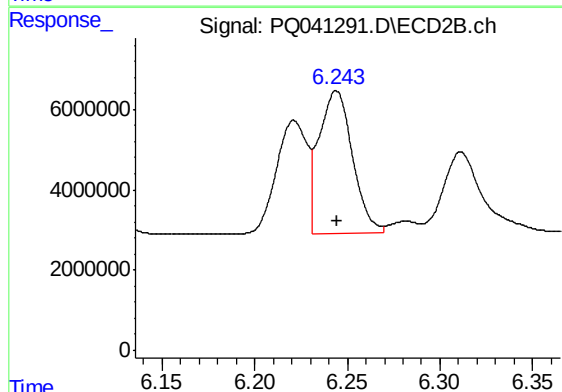
R.T.: 5.295 min
Delta R.T.: 0.000 min
Response: 14007018
Conc: 177.61 ng/ml



#12 AR-1232-2

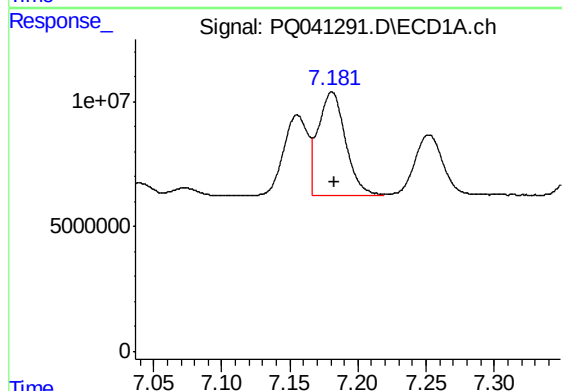
R.T.: 6.838 min
Delta R.T.: -0.002 min
Response: 25081555
Conc: 490.99 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



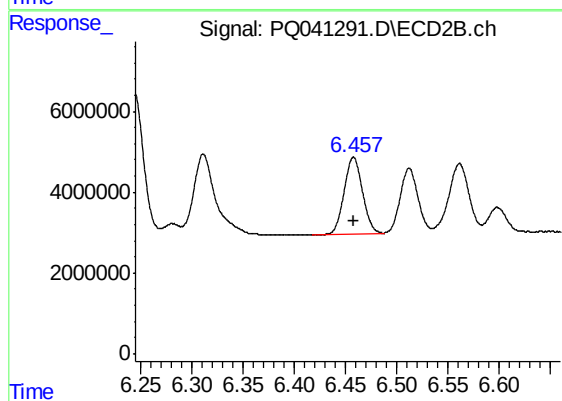
#12 AR-1232-2

R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 44661406
Conc: 505.52 ng/ml



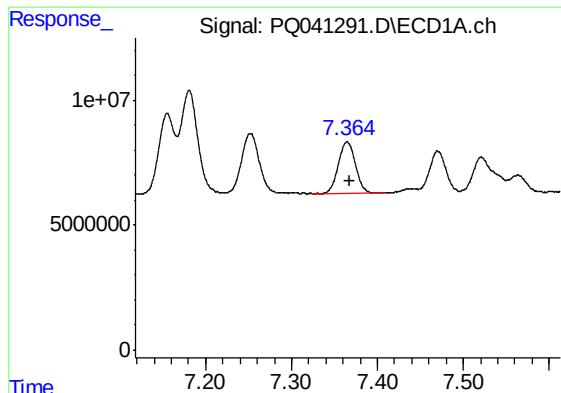
#13 AR-1232-3

R.T.: 7.181 min
Delta R.T.: -0.002 min
Response: 57347356
Conc: 520.92 ng/ml



#13 AR-1232-3

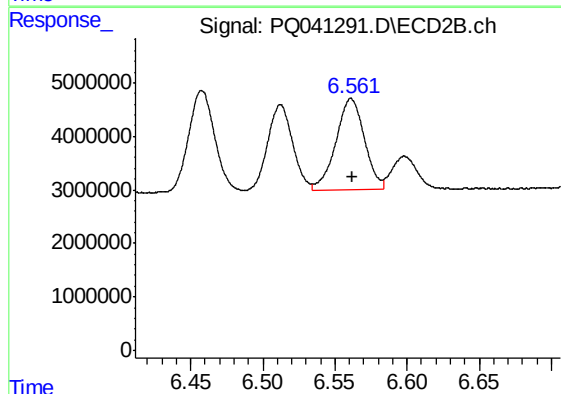
R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 23754135
Conc: 520.91 ng/ml



#14 AR-1232-4

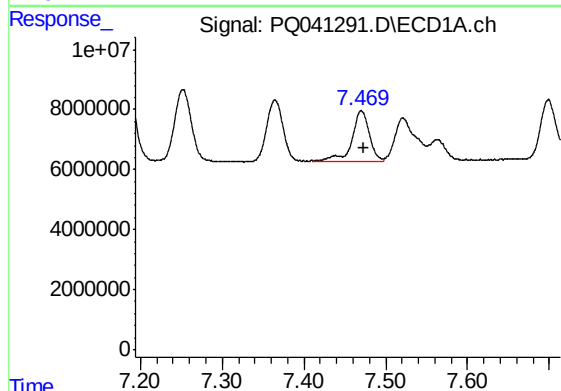
R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 28635169
Conc: 526.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



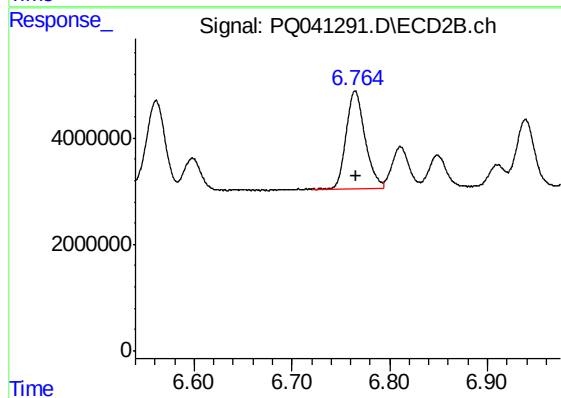
#14 AR-1232-4

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 23744088
Conc: 599.34 ng/ml



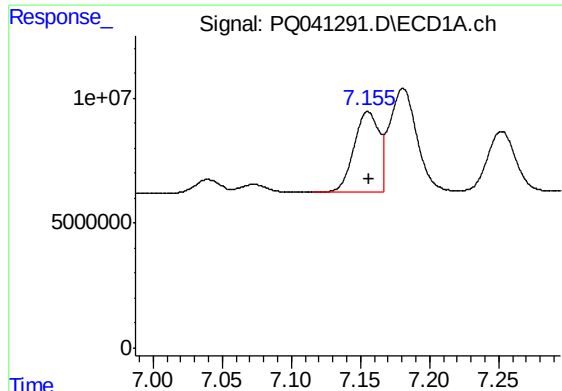
#15 AR-1232-5

R.T.: 7.470 min
Delta R.T.: -0.003 min
Response: 24855227
Conc: 701.79 ng/ml



#15 AR-1232-5

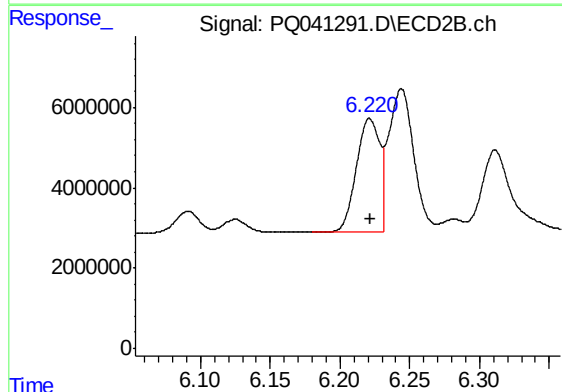
R.T.: 6.765 min
Delta R.T.: -0.001 min
Response: 24499364
Conc: 599.75 ng/ml



#16 AR-1242-1

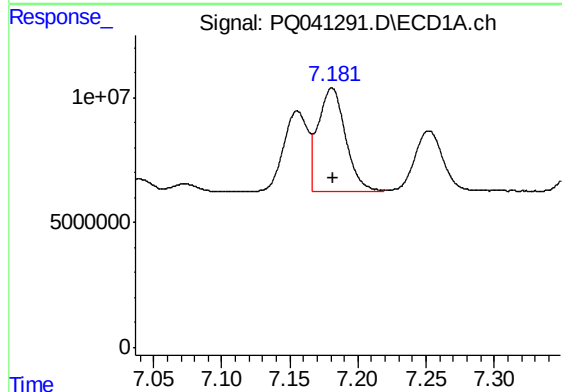
R.T.: 7.155 min
Delta R.T.: -0.001 min
Response: 40080895
Conc: 283.53 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



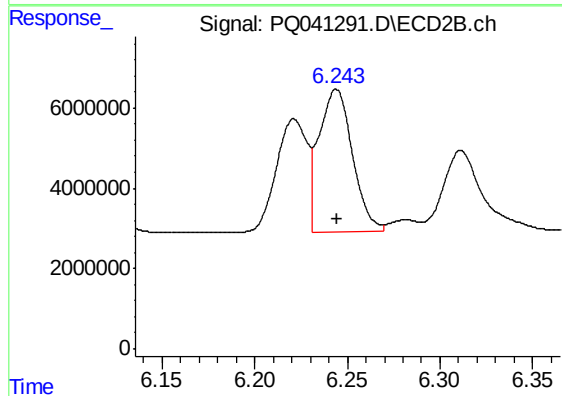
#16 AR-1242-1

R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32688726
Conc: 284.28 ng/ml



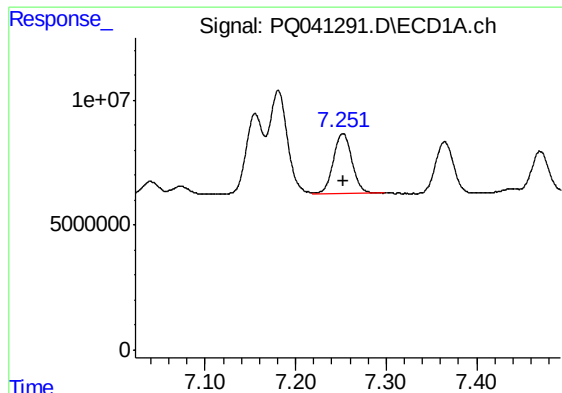
#17 AR-1242-2

R.T.: 7.181 min
Delta R.T.: 0.000 min
Response: 57347356
Conc: 283.66 ng/ml



#17 AR-1242-2

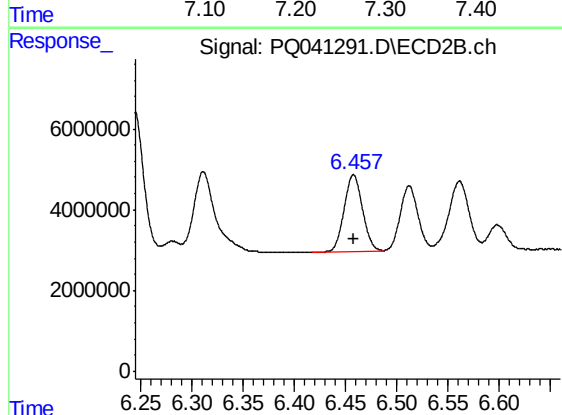
R.T.: 6.244 min
Delta R.T.: 0.000 min
Response: 44661406
Conc: 284.31 ng/ml



#18 AR-1242-3

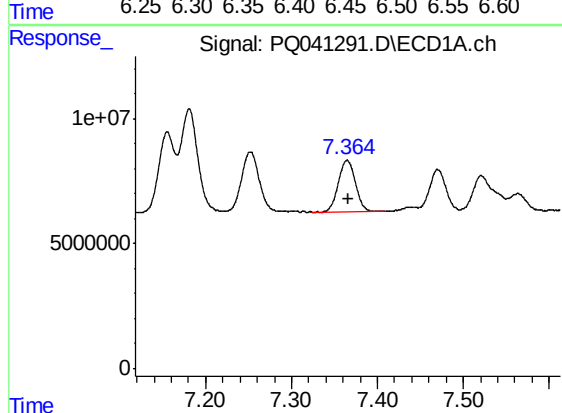
R.T.: 7.252 min
Delta R.T.: -0.001 min
Response: 34430719
Conc: 282.41 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



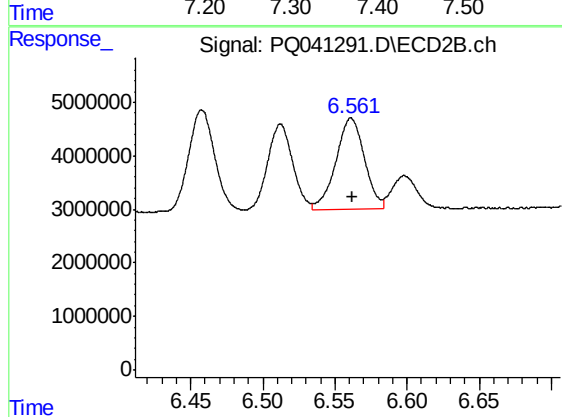
#18 AR-1242-3

R.T.: 6.458 min
Delta R.T.: 0.000 min
Response: 23754135
Conc: 283.26 ng/ml



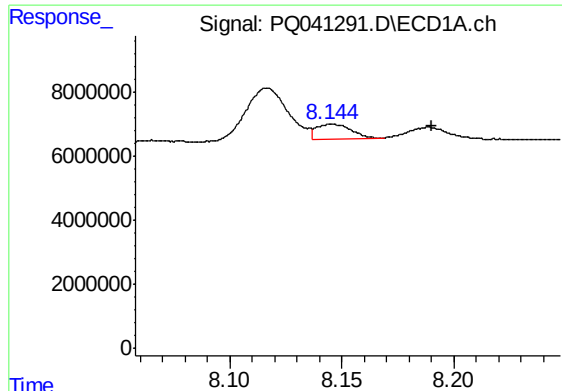
#19 AR-1242-4

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 28635169
Conc: 284.18 ng/ml



#19 AR-1242-4

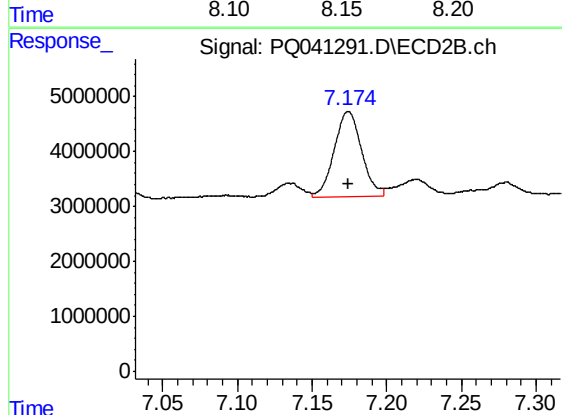
R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 23744088
Conc: 293.05 ng/ml



#20 AR-1242-5

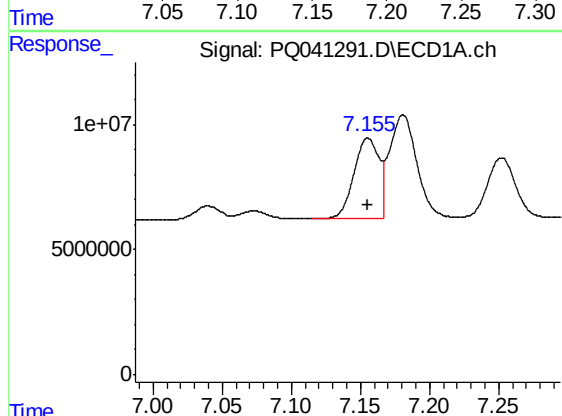
R.T.: 8.146 min
Delta R.T.: -0.045 min
Response: 4896196
Conc: 38.86 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



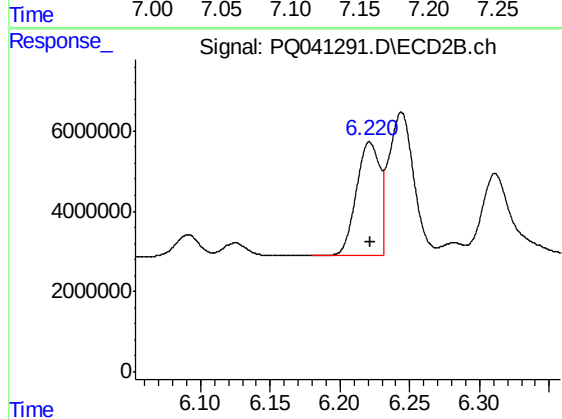
#20 AR-1242-5

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 19633985
Conc: 178.44 ng/ml



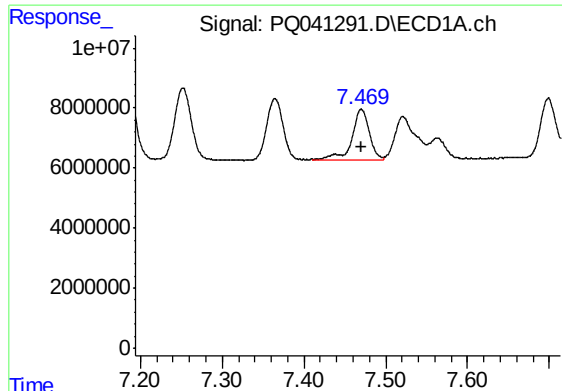
#21 AR-1248-1

R.T.: 7.155 min
Delta R.T.: 0.000 min
Response: 40080895
Conc: 344.16 ng/ml



#21 AR-1248-1

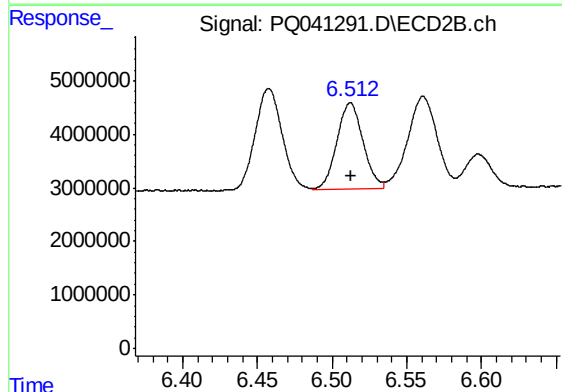
R.T.: 6.221 min
Delta R.T.: 0.000 min
Response: 32688726
Conc: 344.99 ng/ml



#22 AR-1248-2

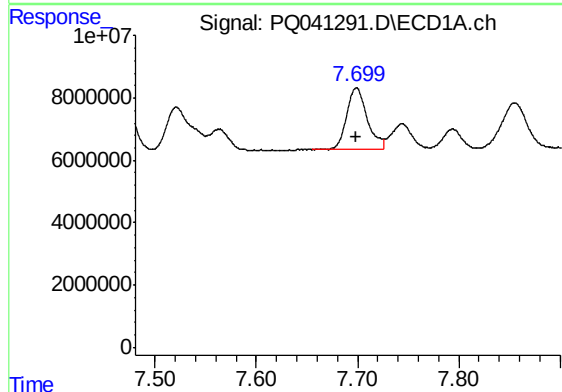
R.T.: 7.470 min
Delta R.T.: 0.000 min
Response: 24855227
Conc: 170.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



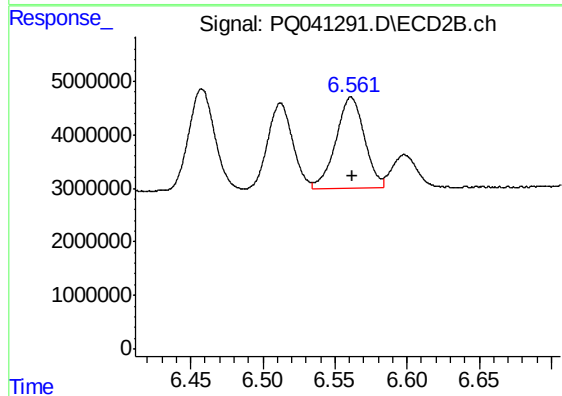
#22 AR-1248-2

R.T.: 6.512 min
Delta R.T.: 0.000 min
Response: 19596040
Conc: 158.41 ng/ml



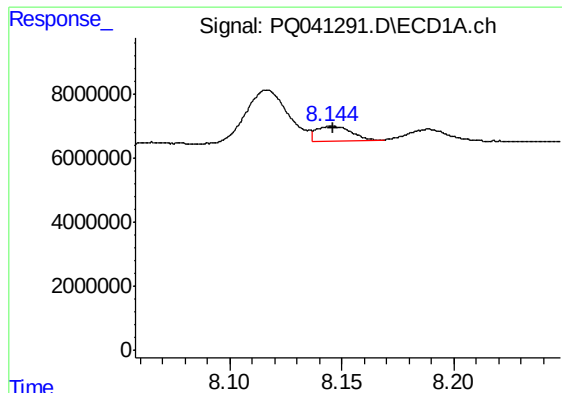
#23 AR-1248-3

R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 27468227
Conc: 153.44 ng/ml



#23 AR-1248-3

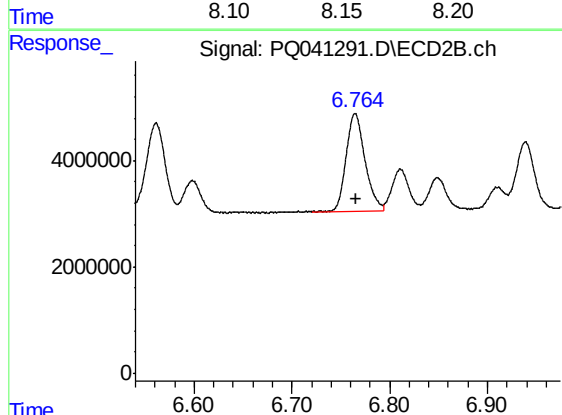
R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 23744088
Conc: 187.73 ng/ml



#24 AR-1248-4

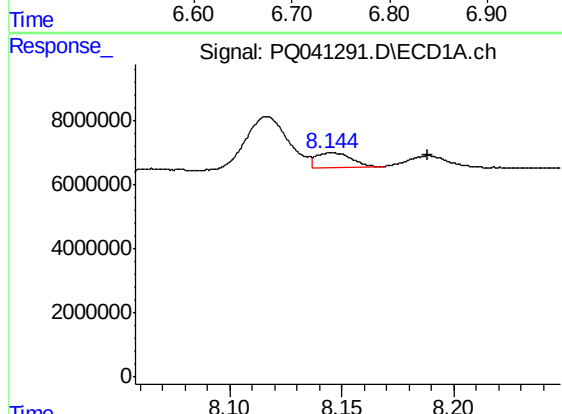
R.T.: 8.146 min
Delta R.T.: 0.000 min
Response: 4896196
Conc: 20.97 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



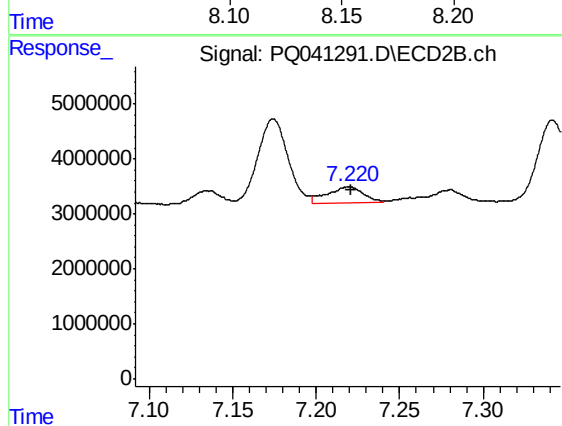
#24 AR-1248-4

R.T.: 6.765 min
Delta R.T.: 0.000 min
Response: 24499364
Conc: 162.26 ng/ml



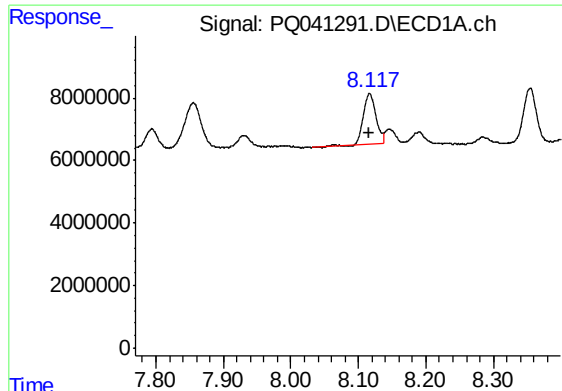
#25 AR-1248-5

R.T.: 8.146 min
Delta R.T.: -0.043 min
Response: 4896196
Conc: 22.15 ng/ml



#25 AR-1248-5

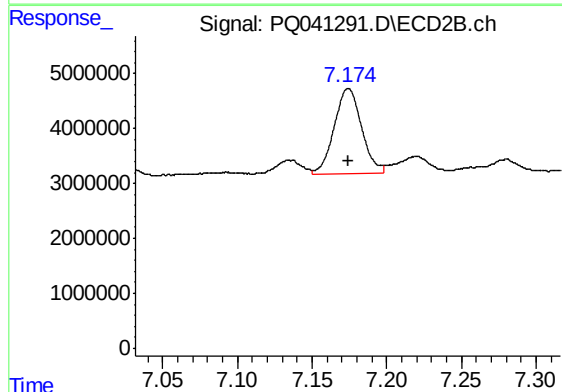
R.T.: 7.220 min
Delta R.T.: 0.000 min
Response: 4577830
Conc: 27.26 ng/ml



#26 AR-1254-1

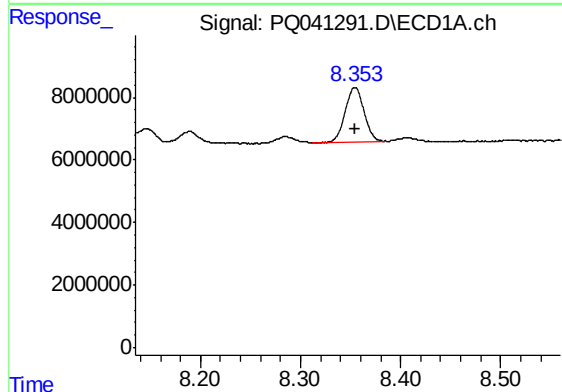
R.T.: 8.117 min
Delta R.T.: 0.000 min
Response: 21115150
Conc: 96.79 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



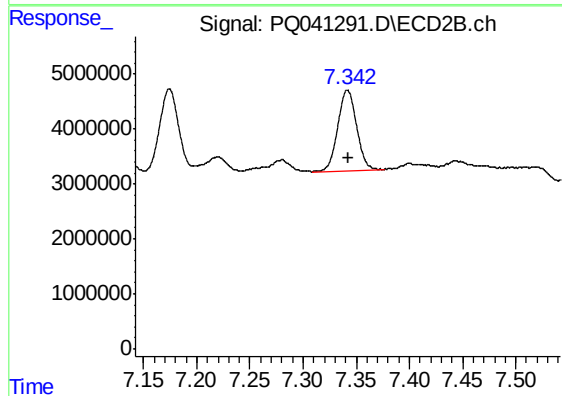
#26 AR-1254-1

R.T.: 7.174 min
Delta R.T.: 0.000 min
Response: 19633985
Conc: 79.75 ng/ml



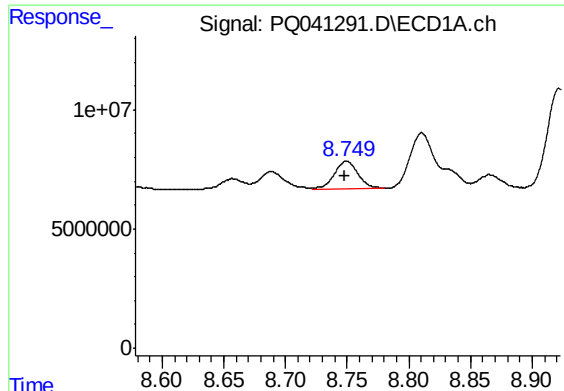
#27 AR-1254-2

R.T.: 8.354 min
Delta R.T.: 0.000 min
Response: 22758848
Conc: 64.57 ng/ml



#27 AR-1254-2

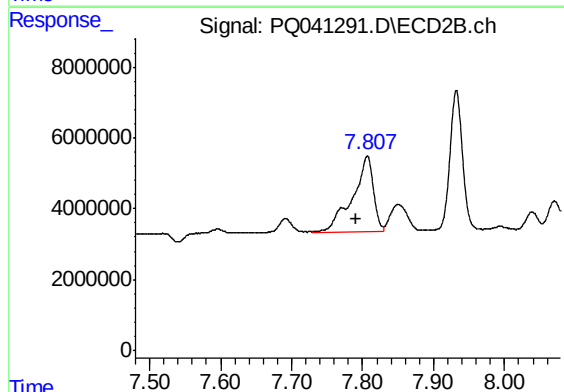
R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 17949212
Conc: 84.21 ng/ml



#28 AR-1254-3

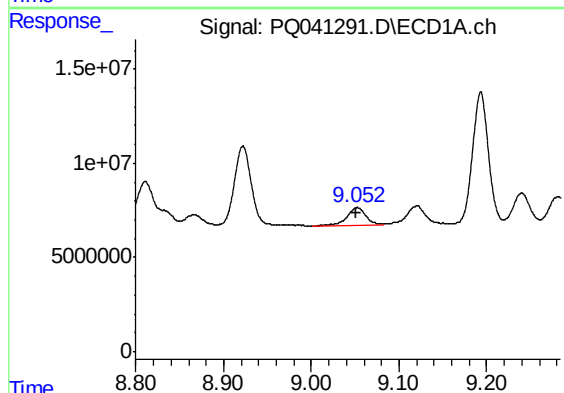
R.T.: 8.750 min
Delta R.T.: 0.001 min
Response: 15493913
Conc: 38.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



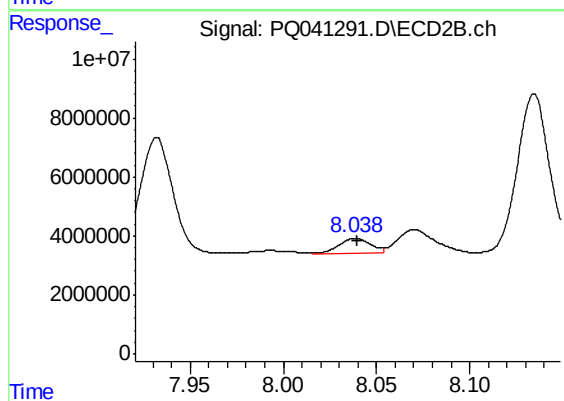
#28 AR-1254-3

R.T.: 7.807 min
Delta R.T.: 0.016 min
Response: 43373243
Conc: 126.47 ng/ml



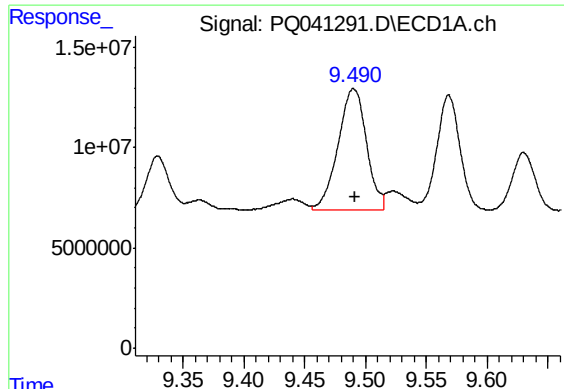
#29 AR-1254-4

R.T.: 9.052 min
Delta R.T.: 0.000 min
Response: 13946108
Conc: 39.09 ng/ml



#29 AR-1254-4

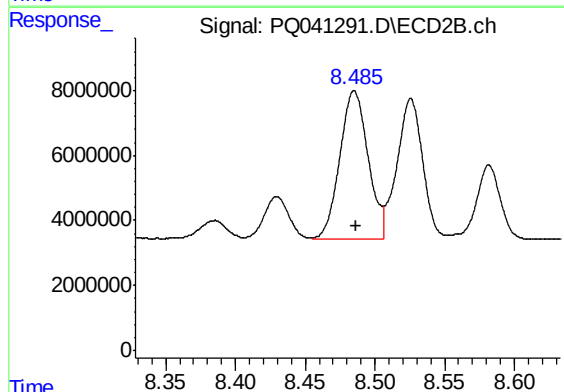
R.T.: 8.039 min
Delta R.T.: 0.000 min
Response: 5991192
Conc: 24.25 ng/ml



#30 AR-1254-5

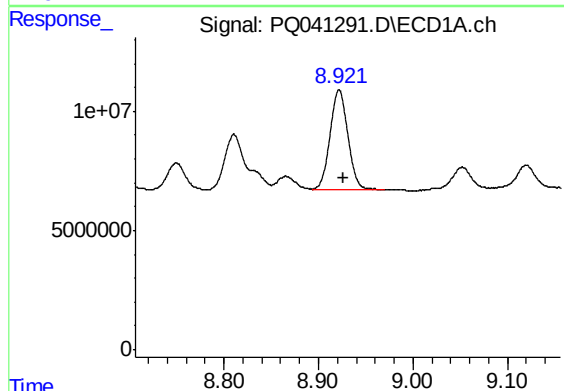
R.T.: 9.490 min
Delta R.T.: 0.000 min
Response: 98571507
Conc: 282.21 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



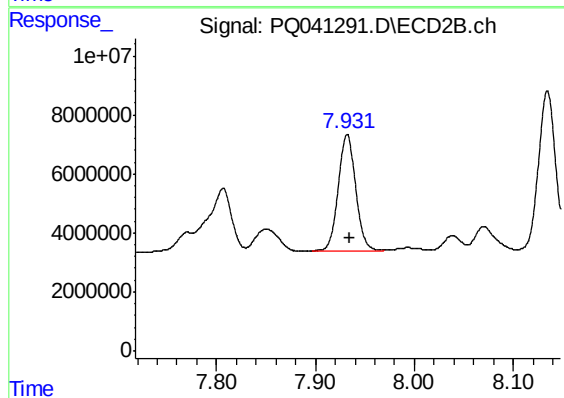
#30 AR-1254-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 64328212
Conc: 210.47 ng/ml



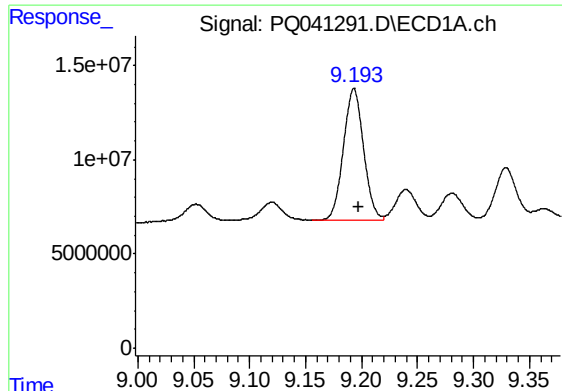
#31 AR-1260-1

R.T.: 8.922 min
Delta R.T.: -0.004 min
Response: 54940507
Conc: 221.42 ng/ml



#31 AR-1260-1

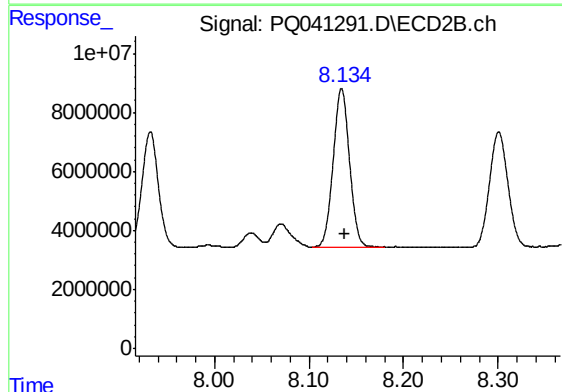
R.T.: 7.932 min
Delta R.T.: -0.003 min
Response: 48523583
Conc: 232.57 ng/ml



#32 AR-1260-2

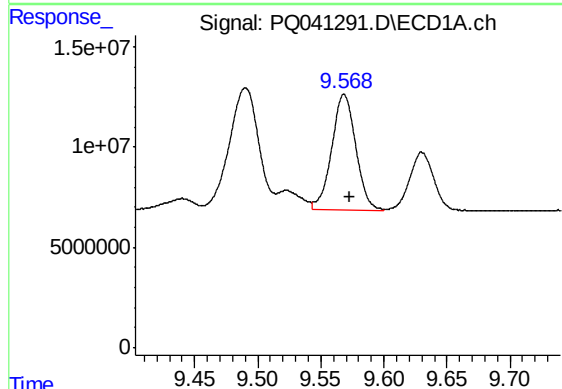
R.T.: 9.193 min
Delta R.T.: -0.004 min
Response: 87367692
Conc: 236.54 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



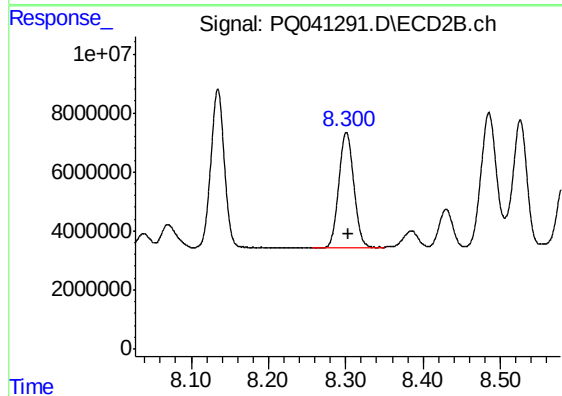
#32 AR-1260-2

R.T.: 8.135 min
Delta R.T.: -0.003 min
Response: 64876053
Conc: 224.65 ng/ml



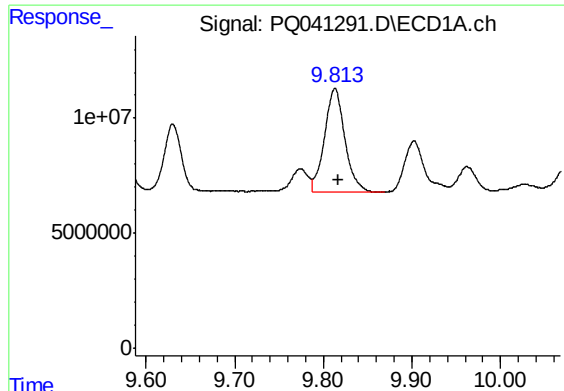
#33 AR-1260-3

R.T.: 9.568 min
Delta R.T.: -0.005 min
Response: 77024636
Conc: 239.82 ng/ml



#33 AR-1260-3

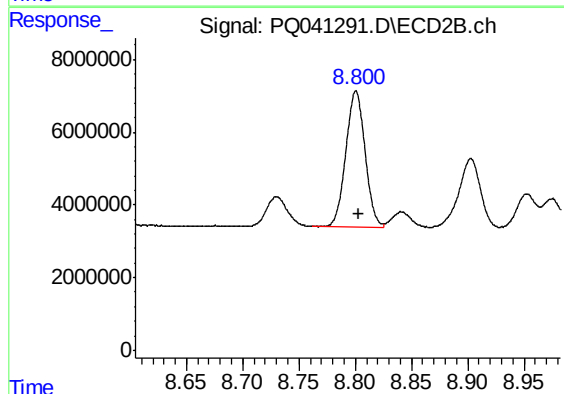
R.T.: 8.301 min
Delta R.T.: -0.003 min
Response: 52826136
Conc: 227.50 ng/ml



#34 AR-1260-4

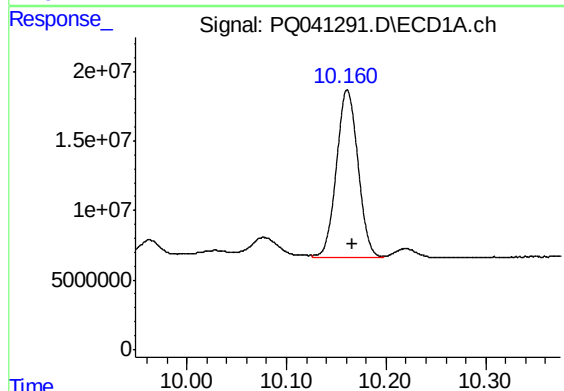
R.T.: 9.813 min
Delta R.T.: -0.003 min
Response: 72350354
Conc: 231.87 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



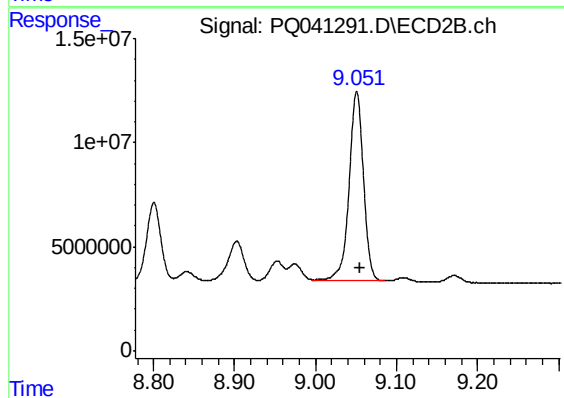
#34 AR-1260-4

R.T.: 8.801 min
Delta R.T.: -0.003 min
Response: 44445932
Conc: 229.41 ng/ml



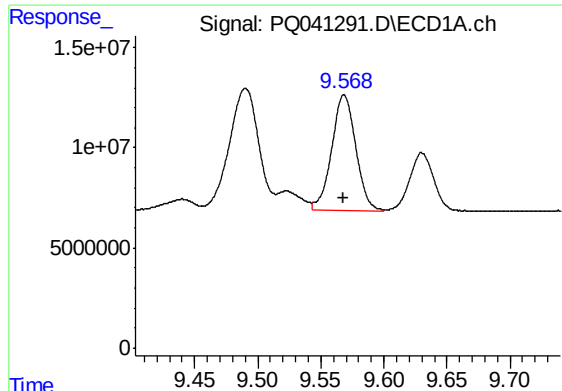
#35 AR-1260-5

R.T.: 10.161 min
Delta R.T.: -0.005 min
Response: 180225323
Conc: 223.84 ng/ml



#35 AR-1260-5

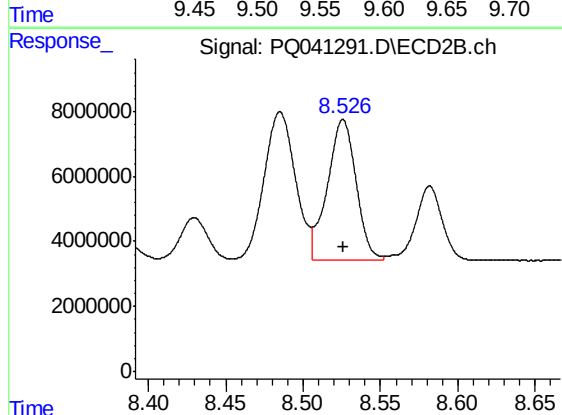
R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 112186145
Conc: 219.64 ng/ml



#36 AR-1262-1

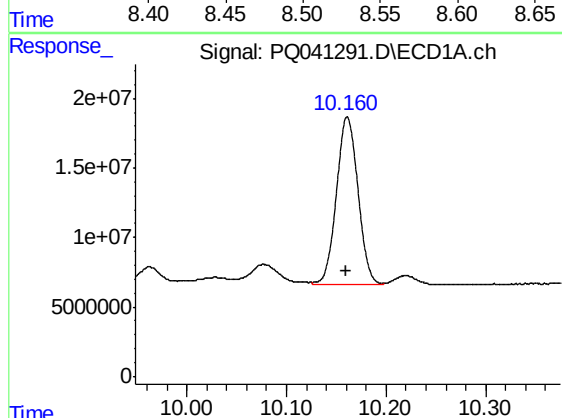
R.T.: 9.568 min
Delta R.T.: 0.000 min
Response: 77024636
Conc: 128.44 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



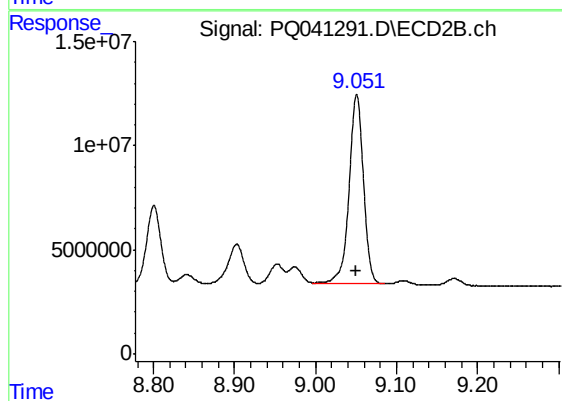
#36 AR-1262-1

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 55638070
Conc: 138.37 ng/ml



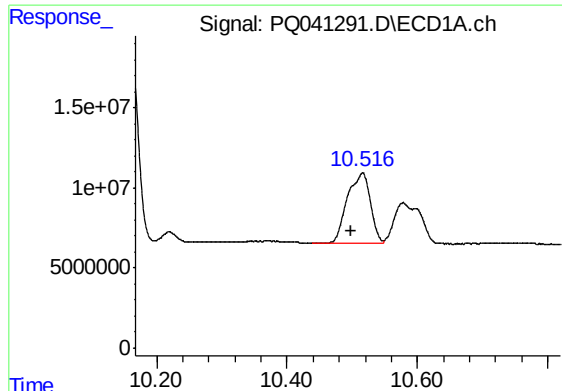
#37 AR-1262-2

R.T.: 10.161 min
Delta R.T.: 0.001 min
Response: 180225323
Conc: 154.76 ng/ml



#37 AR-1262-2

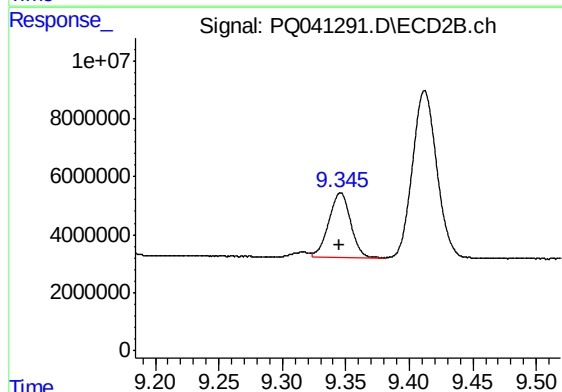
R.T.: 9.051 min
Delta R.T.: 0.000 min
Response: 112186145
Conc: 161.94 ng/ml



#38 AR-1262-3

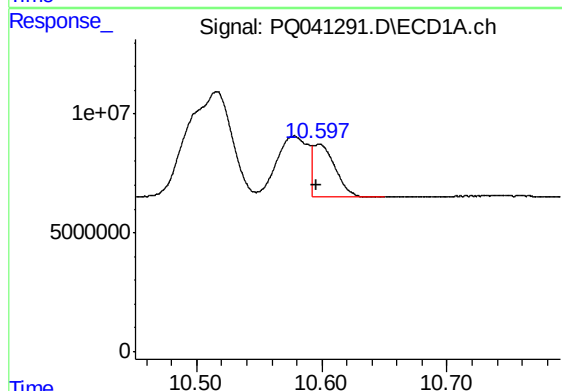
R.T.: 10.516 min
Delta R.T.: 0.019 min
Response: 107895632
Conc: 135.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



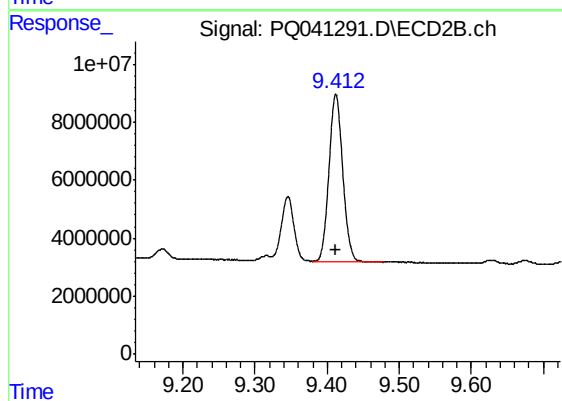
#38 AR-1262-3

R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 26650656
Conc: 99.55 ng/ml



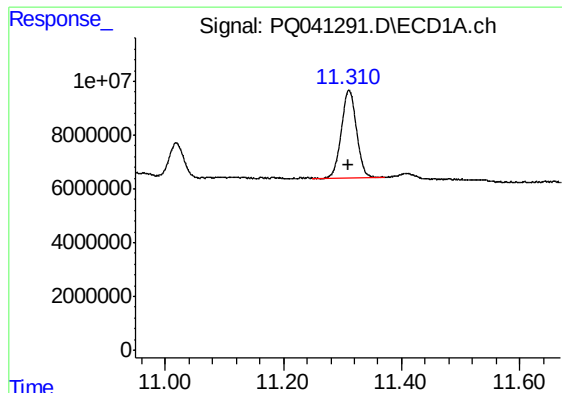
#39 AR-1262-4

R.T.: 10.598 min
Delta R.T.: 0.002 min
Response: 27073030
Conc: 44.13 ng/ml



#39 AR-1262-4

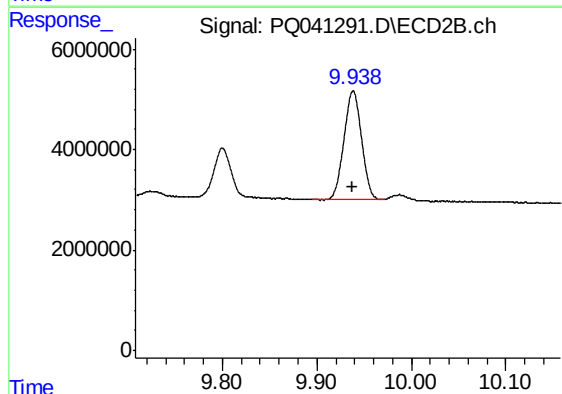
R.T.: 9.412 min
Delta R.T.: 0.000 min
Response: 77183955
Conc: 165.69 ng/ml



#40 AR-1262-5

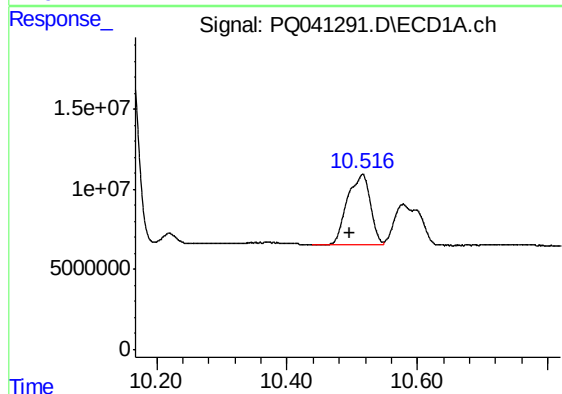
R.T.: 11.311 min
Delta R.T.: 0.000 min
Response: 57913089
Conc: 120.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



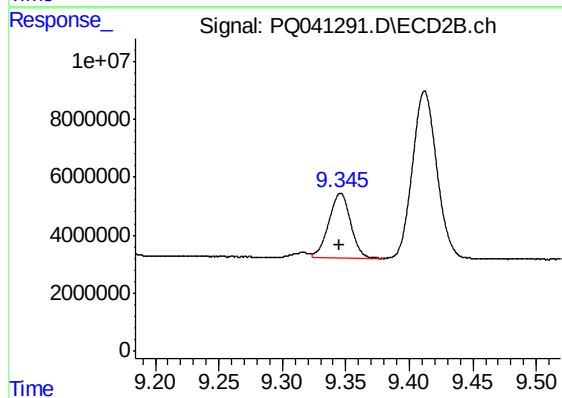
#40 AR-1262-5

R.T.: 9.938 min
Delta R.T.: 0.001 min
Response: 27960809
Conc: 129.84 ng/ml



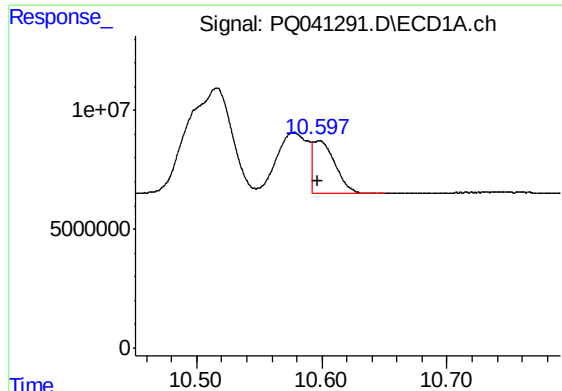
#41 AR-1268-1

R.T.: 10.516 min
Delta R.T.: 0.020 min
Response: 107895632
Conc: 77.83 ng/ml



#41 AR-1268-1

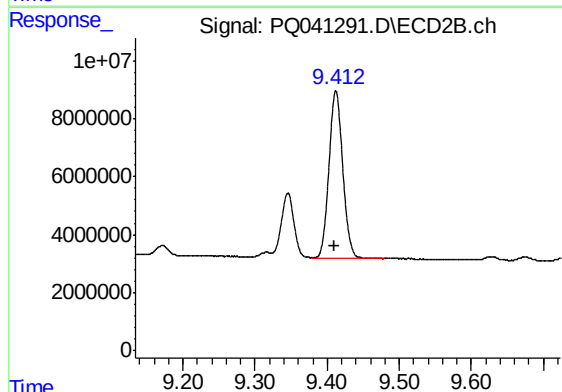
R.T.: 9.346 min
Delta R.T.: 0.000 min
Response: 26650656
Conc: 37.15 ng/ml



#42 AR-1268-2

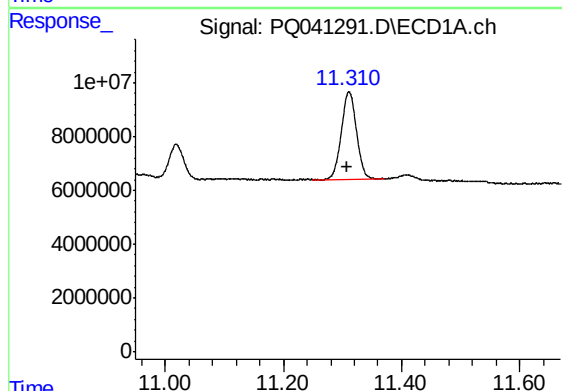
R.T.: 10.598 min
Delta R.T.: 0.000 min
Response: 27073030
Conc: 21.66 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



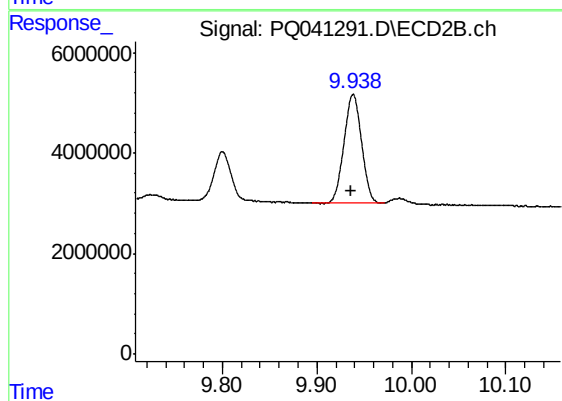
#42 AR-1268-2

R.T.: 9.412 min
Delta R.T.: 0.001 min
Response: 77183955
Conc: 123.14 ng/ml



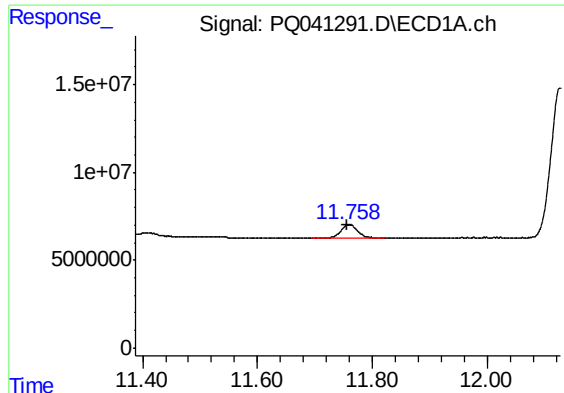
#44 AR-1268-4

R.T.: 11.311 min
Delta R.T.: 0.002 min
Response: 57913089
Conc: 116.13 ng/ml



#44 AR-1268-4

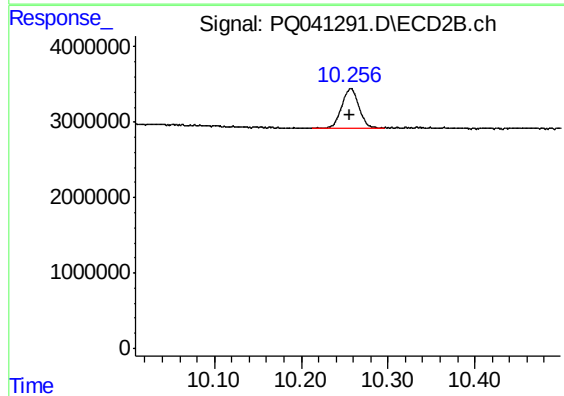
R.T.: 9.938 min
Delta R.T.: 0.002 min
Response: 27960809
Conc: 127.56 ng/ml



#45 AR-1268-5

R.T.: 11.759 min
Delta R.T.: 0.003 min
Response: 15252457
Conc: 4.11 ng/ml

Instrument :
ECD_Q
ClientSampleId :
PB121295BS



#45 AR-1268-5

R.T.: 10.257 min
Delta R.T.: 0.002 min
Response: 7194605
Conc: 5.10 ng/ml