

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
 Data File : PQ045949.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 22:05
 Operator : SM\AJ
 Sample : K6431-11MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:58:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Dec 27 03:51:29 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...	5.224	4.359	52711953	30125679	26.475	24.628
2)	SA Decachlor...	11.376	9.790	92731770	61368114	22.512	24.430
Target Compounds							
3)	L1 AR-1016-1	6.537	5.640	16690814	10993566	231.511	246.474
4)	L1 AR-1016-2	6.561	5.661	26185491	16820719	235.053	251.285
5)	L1 AR-1016-3	6.628	5.858	15250289	8190886	217.797	252.088
6)	L1 AR-1016-4	6.736	5.904	12272869	6783375	227.565	254.048
7)	L1 AR-1016-5	7.051	6.139	12939931	9625429	226.852	244.357
9)	L2 AR-1221-2	5.568	4.724	2890850	1353390	194.204	133.477 #
10)	L2 AR-1221-3	5.653	4.817	9279981	4929351	223.768	183.890
11)	L3 AR-1232-1	5.653	4.817	9279981	4929351	103.436	88.213
12)	L3 AR-1232-2	6.244	5.661	14572877	16820719	325.117	286.461
13)	L3 AR-1232-3	6.561	5.858	26185491	8190886	284.071	305.392
14)	L3 AR-1232-4	6.736	5.950	12272869	8898466	281.770	334.414
15)	L3 AR-1232-5	6.833	6.139	11579076	9625429	342.126	318.334
16)	L4 AR-1242-1	6.537	5.640	16690814	10993566	294.508	304.099
17)	L4 AR-1242-2	6.561	5.661	26185491	16820719	295.428	301.350
18)	L4 AR-1242-3	6.628	5.858	15250289	8190886	283.617	305.897
19)	L4 AR-1242-4	6.736	5.950	12272869	8898466	291.681	302.684
20)	L4 AR-1242-5	7.516	6.521	2302015	7661358	44.836	197.142 #
21)	L5 AR-1248-1	6.537	5.640	16690814	10993566	340.912	352.776
22)	L5 AR-1248-2	6.833	5.904	11579076	6783375	156.053	151.855
23)	L5 AR-1248-3	7.051	5.950	12939931	8898466	155.424	185.566
24)	L5 AR-1248-4	7.449	6.139	13338834	9625429	134.324	159.533
25)	L5 AR-1248-5	7.516	6.565	2302015	1082511	22.759	18.113
26)	L6 AR-1254-1	7.449	6.521	13338834	7661358	133.339	79.970 #
27)	L6 AR-1254-2	7.676	6.678	11333543	7917577	67.781	92.516 #
28)	L6 AR-1254-3	8.060	7.121	6433978	18514822	33.033	125.152 #
29)	L6 AR-1254-4	8.353	7.344	5021379	2150853	34.928	23.441 #
30)	L6 AR-1254-5	8.784	7.777	46316445	33279068	270.483	242.629
31)	L7 AR-1260-1	8.227	7.242	31348192	24068971	251.159	278.500
32)	L7 AR-1260-2	8.491	7.436	37500321	28230056	242.431	262.811
33)	L7 AR-1260-3	8.860	7.597	25590474	25960603	197.987	260.603 #
34)	L7 AR-1260-4	9.098	8.084	32757478	20521236	201.119	220.547
35)	L7 AR-1260-5	9.441	8.328	65905112	53284108	195.410	222.456
36)	L8 AR-1262-1	8.860	7.777	25590474	33279068	116.133	424.681 #
37)	L8 AR-1262-2	9.441	8.328	65905112	53284108	156.634	164.529
38)	L8 AR-1262-3	9.791	8.619	44412476	10702373	149.767	85.513 #
39)	L8 AR-1262-4	9.848	8.683	25798395	39495177	110.709	157.110 #
40)	L8 AR-1262-5	10.570	9.200	18506408	13311201	100.379	112.298
41)	L9 AR-1268-1	9.791	8.619	44412476	10702373	88.746	29.273 #
42)	L9 AR-1268-2	9.848	8.683	25798395	39495177	54.523	111.884 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ122619\
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 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Dec 2019 22:05
 Operator : SM\AJ
 Sample : K6431-11MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

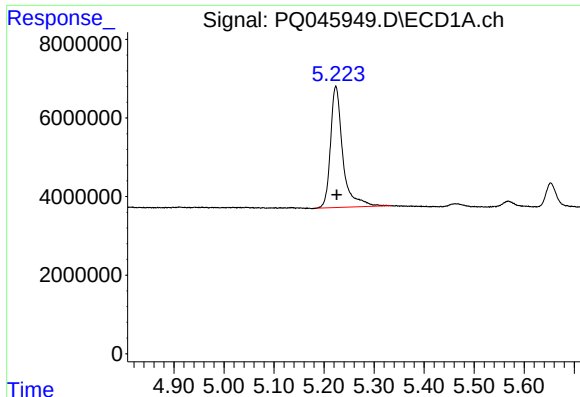
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 03:58:30 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ122619.M
 Quant Title : GC EXTRACTABLES
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 Response via : Initial Calibration
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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
43) L9	AR-1268-3	10.114	8.897	2289137	1086162	5.521	3.827 #
44) L9	AR-1268-4	10.570	9.200	18506408	13311201	95.509	104.102
45) L9	AR-1268-5	11.013	9.513	7318640	4369841	4.549	4.073

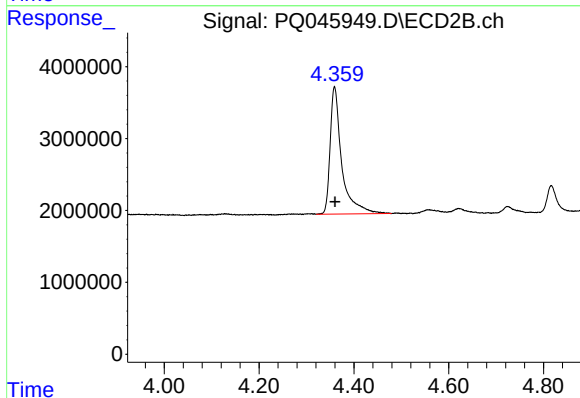
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

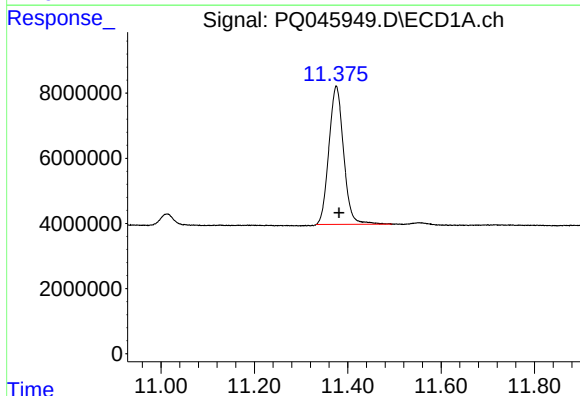
R.T.: 5.224 min
Delta R.T.: -0.001 min
Response: 52711953
Conc: 26.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



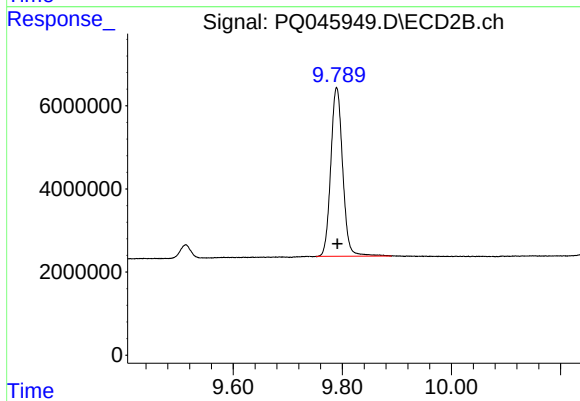
#1 Tetrachloro-m-xylene

R.T.: 4.359 min
Delta R.T.: -0.001 min
Response: 30125679
Conc: 24.63 ng/ml



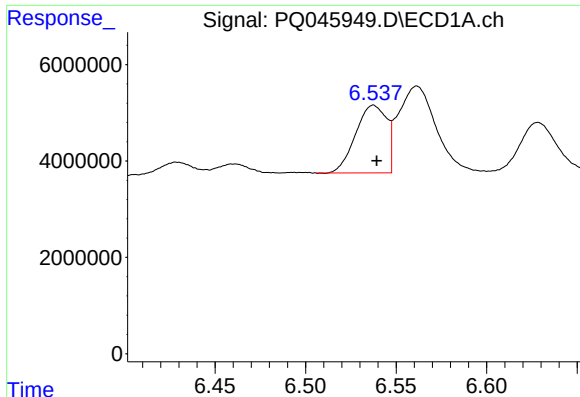
#2 Decachlorobiphenyl

R.T.: 11.376 min
Delta R.T.: -0.006 min
Response: 92731770
Conc: 22.51 ng/ml



#2 Decachlorobiphenyl

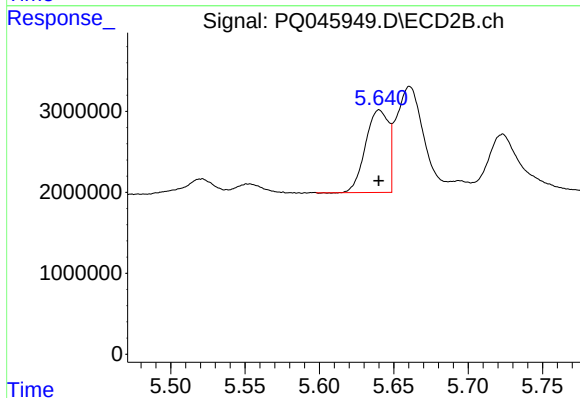
R.T.: 9.790 min
Delta R.T.: -0.002 min
Response: 61368114
Conc: 24.43 ng/ml



#3 AR-1016-1

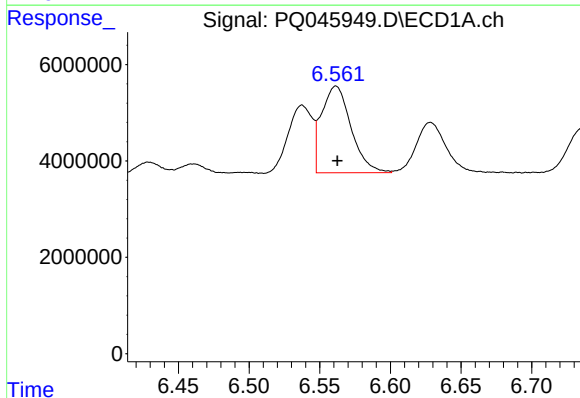
R.T.: 6.537 min
Delta R.T.: -0.002 min
Response: 16690814
Conc: 231.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



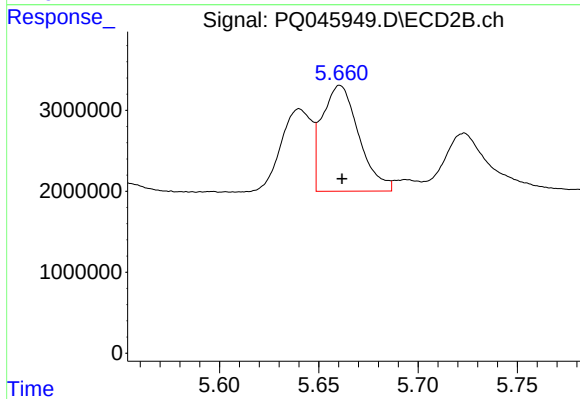
#3 AR-1016-1

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 10993566
Conc: 246.47 ng/ml



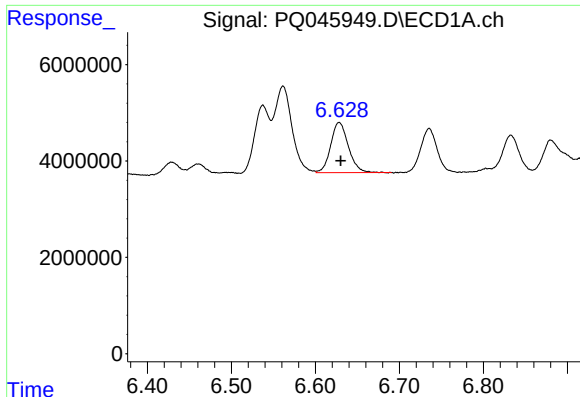
#4 AR-1016-2

R.T.: 6.561 min
Delta R.T.: -0.001 min
Response: 26185491
Conc: 235.05 ng/ml



#4 AR-1016-2

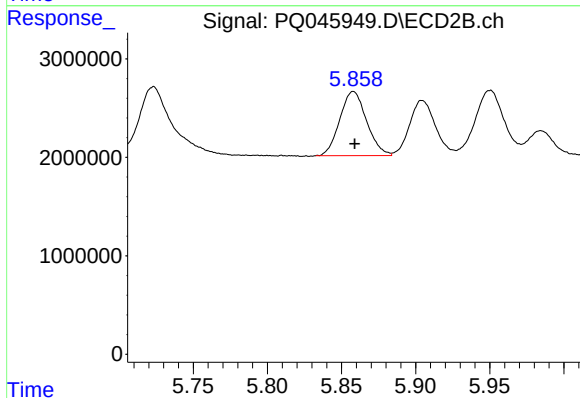
R.T.: 5.661 min
Delta R.T.: -0.001 min
Response: 16820719
Conc: 251.28 ng/ml



#5 AR-1016-3

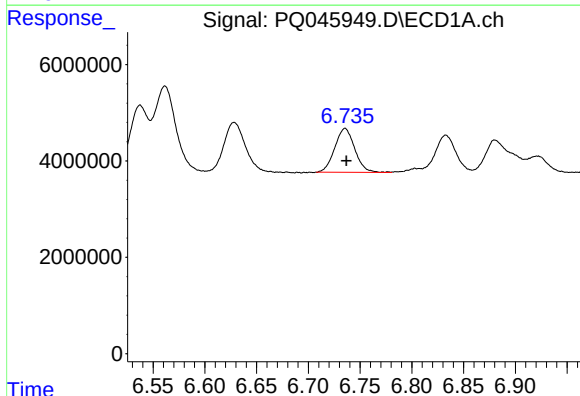
R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 15250289
Conc: 217.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



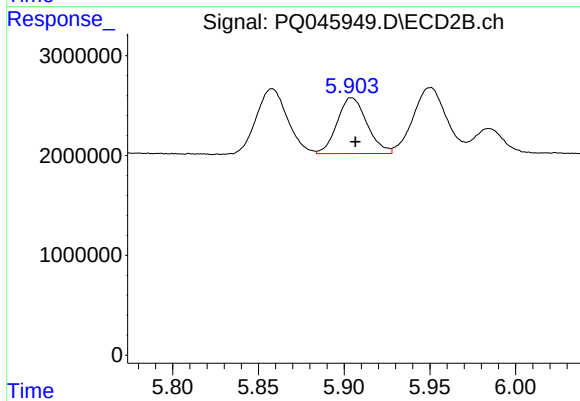
#5 AR-1016-3

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 8190886
Conc: 252.09 ng/ml



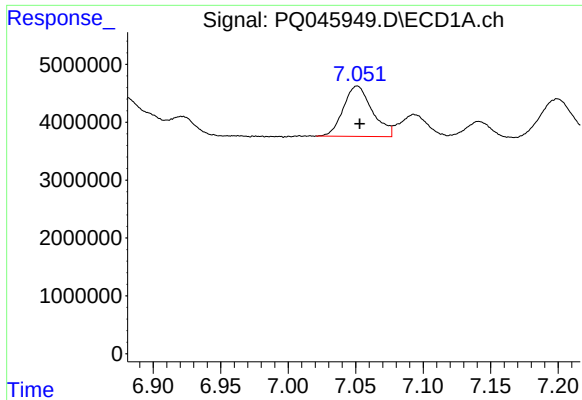
#6 AR-1016-4

R.T.: 6.736 min
Delta R.T.: -0.001 min
Response: 12272869
Conc: 227.57 ng/ml



#6 AR-1016-4

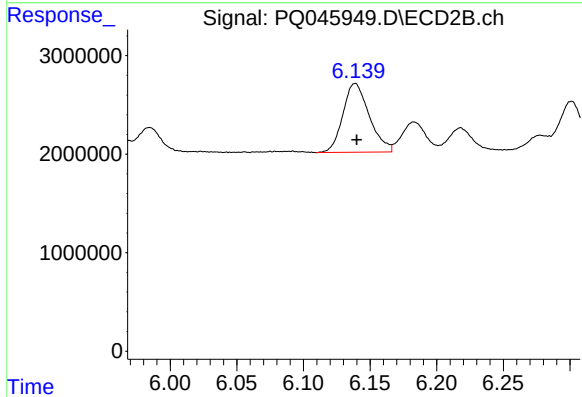
R.T.: 5.904 min
Delta R.T.: -0.002 min
Response: 6783375
Conc: 254.05 ng/ml



#7 AR-1016-5

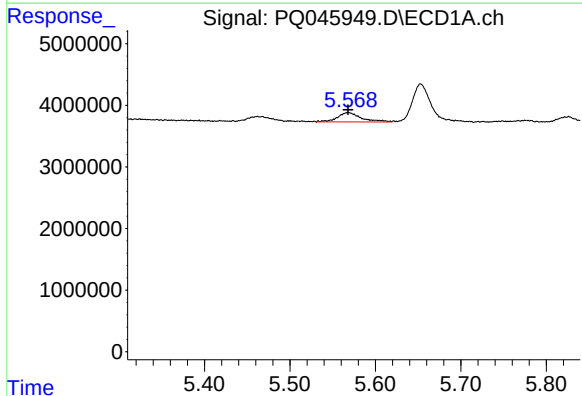
R.T.: 7.051 min
Delta R.T.: -0.002 min
Response: 12939931
Conc: 226.85 ng/ml

Instrument :
ECD_Q
ClientSampleId :



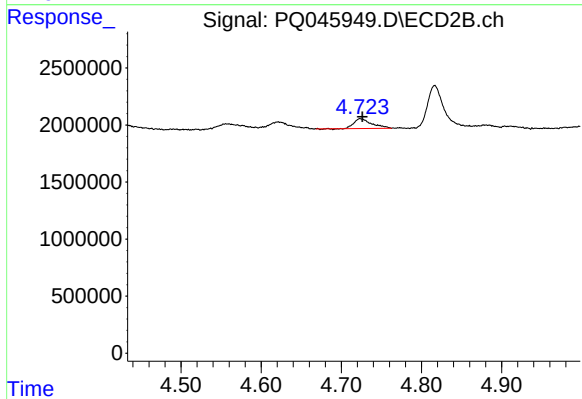
#7 AR-1016-5

R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 9625429
Conc: 244.36 ng/ml



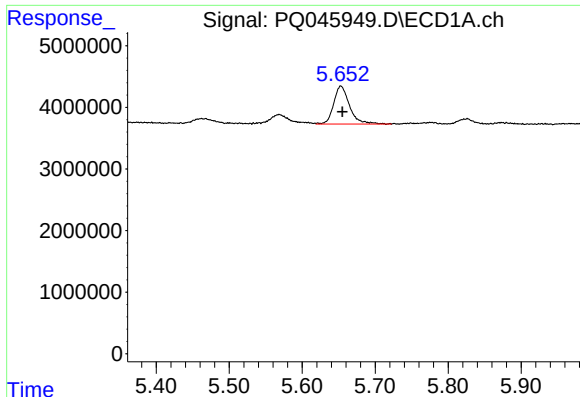
#9 AR-1221-2

R.T.: 5.568 min
Delta R.T.: 0.000 min
Response: 2890850
Conc: 194.20 ng/ml



#9 AR-1221-2

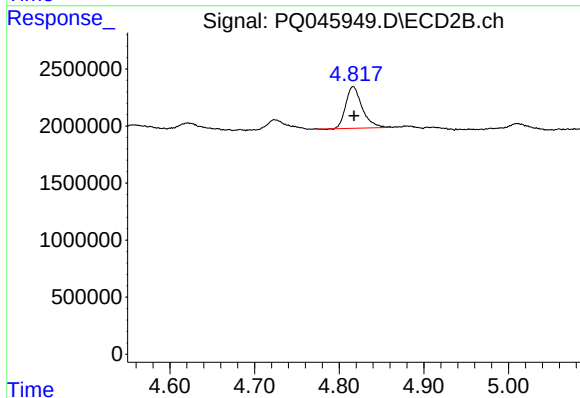
R.T.: 4.724 min
Delta R.T.: -0.002 min
Response: 1353390
Conc: 133.48 ng/ml



#10 AR-1221-3

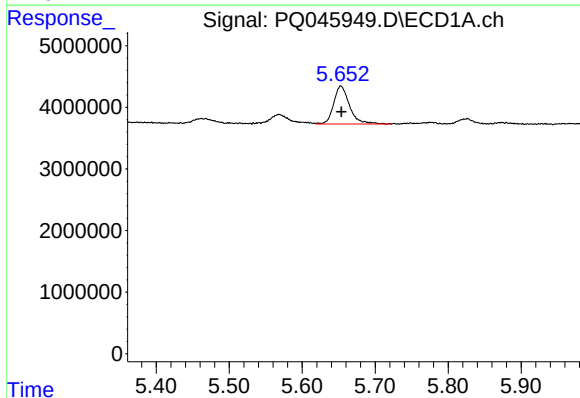
R.T.: 5.653 min
Delta R.T.: -0.002 min
Response: 9279981
Conc: 223.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



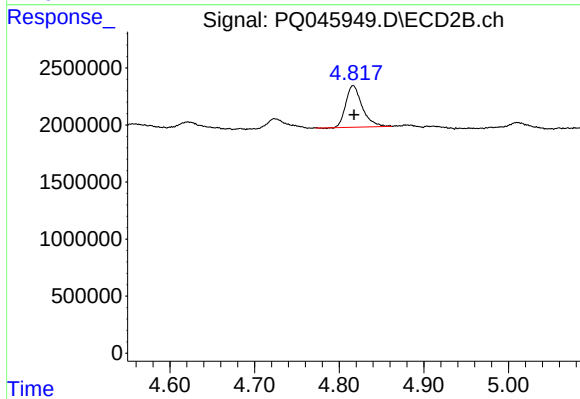
#10 AR-1221-3

R.T.: 4.817 min
Delta R.T.: -0.001 min
Response: 4929351
Conc: 183.89 ng/ml



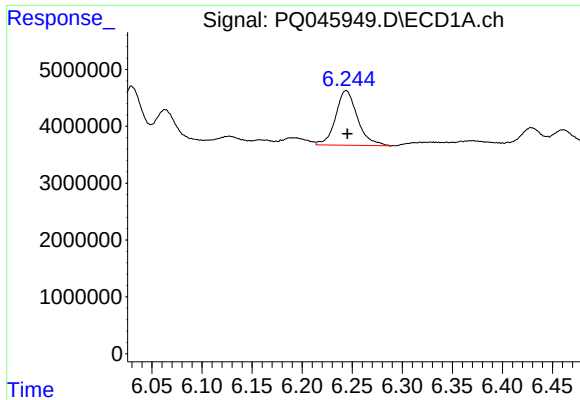
#11 AR-1232-1

R.T.: 5.653 min
Delta R.T.: 0.000 min
Response: 9279981
Conc: 103.44 ng/ml



#11 AR-1232-1

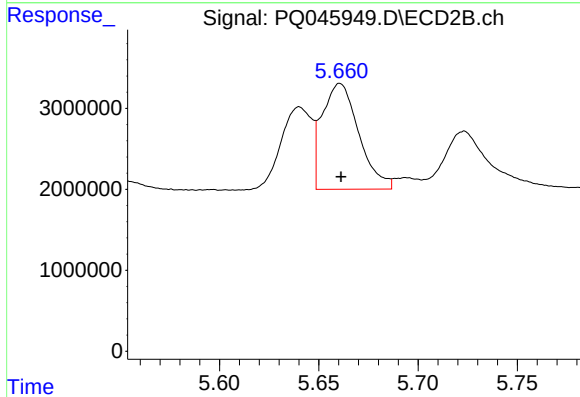
R.T.: 4.817 min
Delta R.T.: 0.000 min
Response: 4929351
Conc: 88.21 ng/ml



#12 AR-1232-2

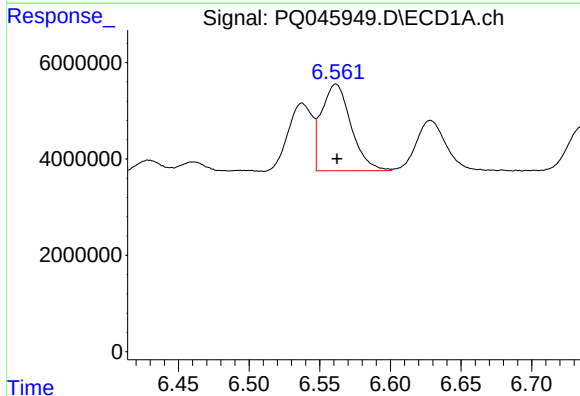
R.T.: 6.244 min
Delta R.T.: -0.001 min
Response: 14572877
Conc: 325.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



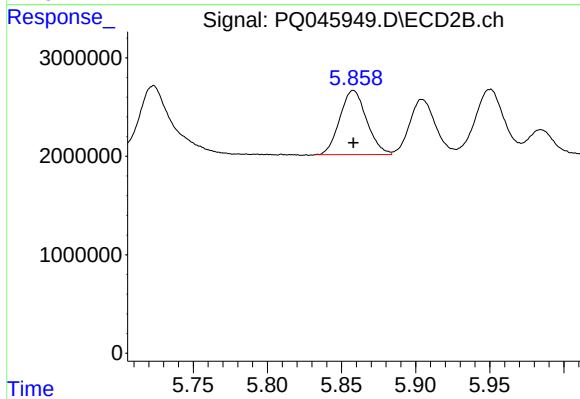
#12 AR-1232-2

R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 16820719
Conc: 286.46 ng/ml



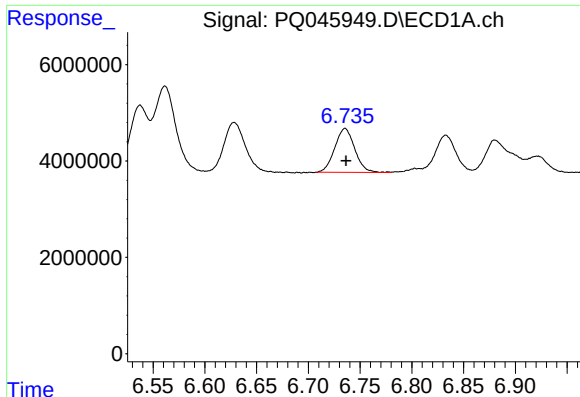
#13 AR-1232-3

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 26185491
Conc: 284.07 ng/ml



#13 AR-1232-3

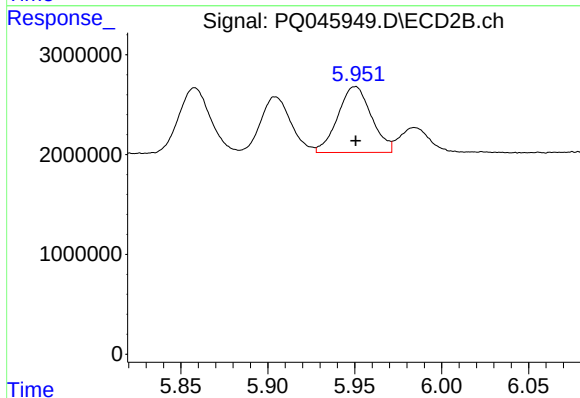
R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8190886
Conc: 305.39 ng/ml



#14 AR-1232-4

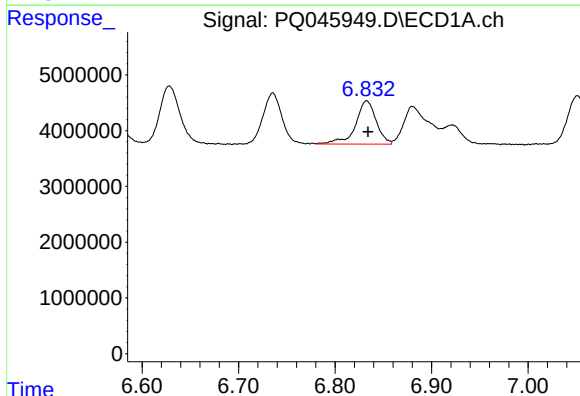
R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 12272869
Conc: 281.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



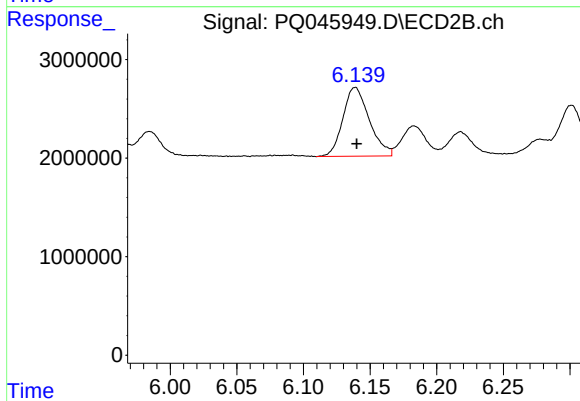
#14 AR-1232-4

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 8898466
Conc: 334.41 ng/ml



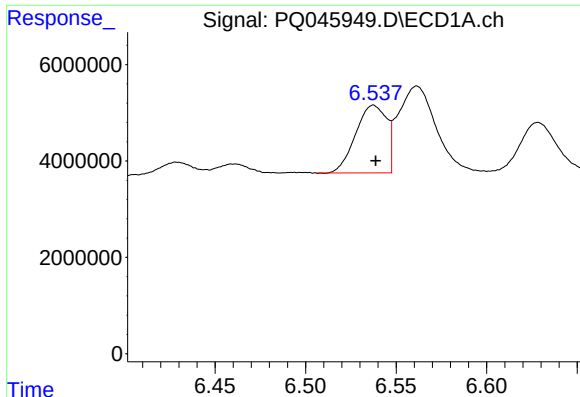
#15 AR-1232-5

R.T.: 6.833 min
Delta R.T.: -0.001 min
Response: 11579076
Conc: 342.13 ng/ml



#15 AR-1232-5

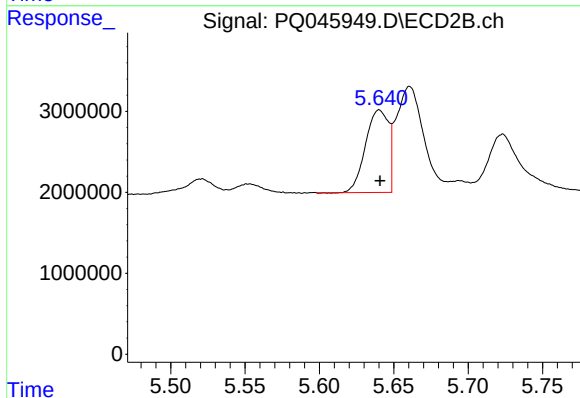
R.T.: 6.139 min
Delta R.T.: -0.001 min
Response: 9625429
Conc: 318.33 ng/ml



#16 AR-1242-1

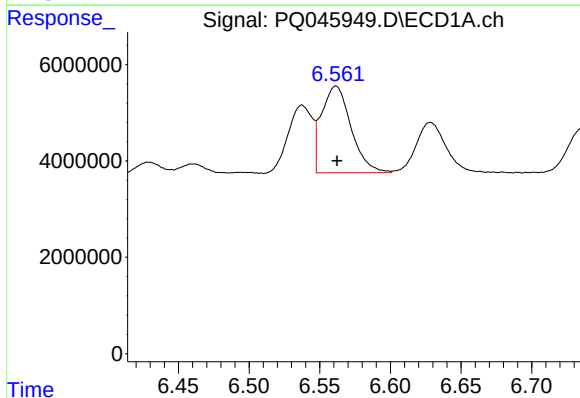
R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 16690814
Conc: 294.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



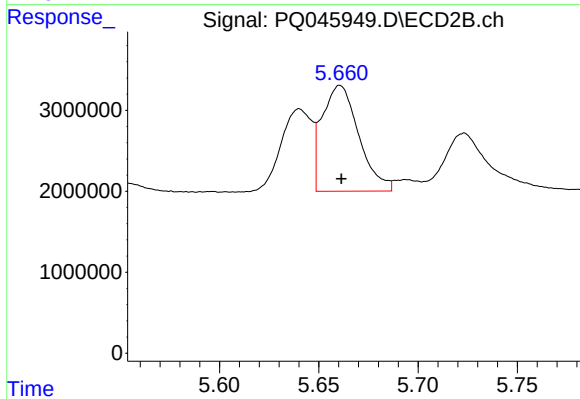
#16 AR-1242-1

R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 10993566
Conc: 304.10 ng/ml



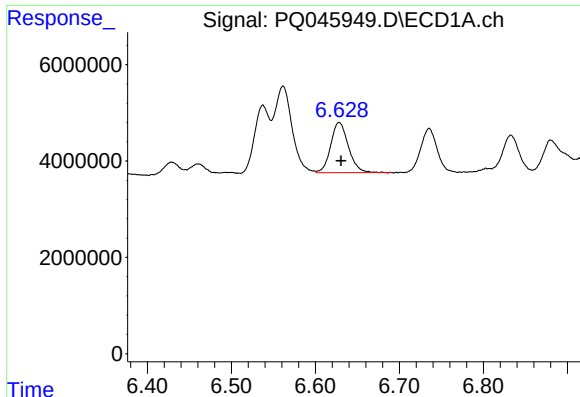
#17 AR-1242-2

R.T.: 6.561 min
Delta R.T.: 0.000 min
Response: 26185491
Conc: 295.43 ng/ml



#17 AR-1242-2

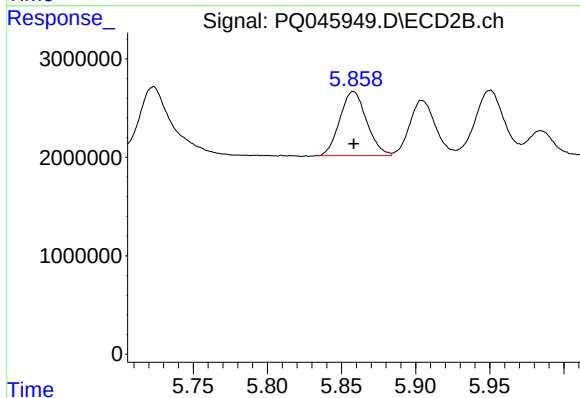
R.T.: 5.661 min
Delta R.T.: 0.000 min
Response: 16820719
Conc: 301.35 ng/ml



#18 AR-1242-3

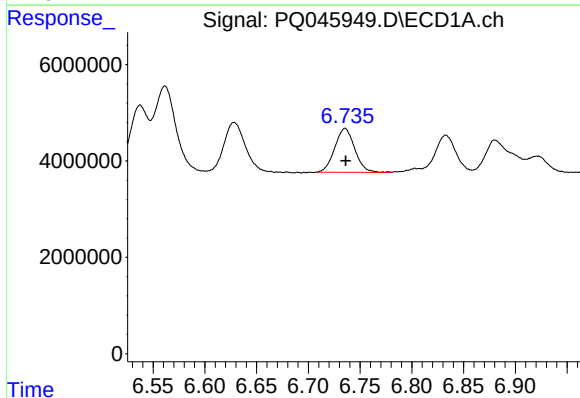
R.T.: 6.628 min
Delta R.T.: -0.002 min
Response: 15250289
Conc: 283.62 ng/ml

Instrument :
ECD_Q
ClientSampleId :



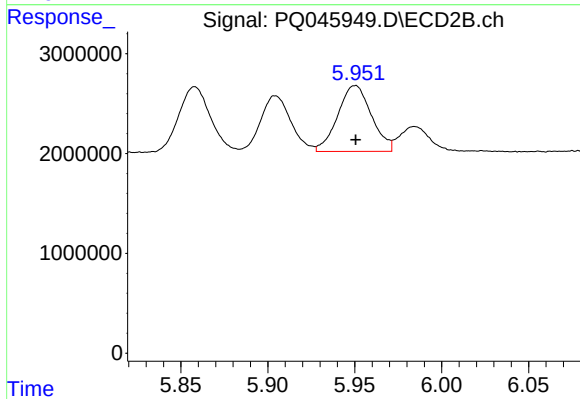
#18 AR-1242-3

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 8190886
Conc: 305.90 ng/ml



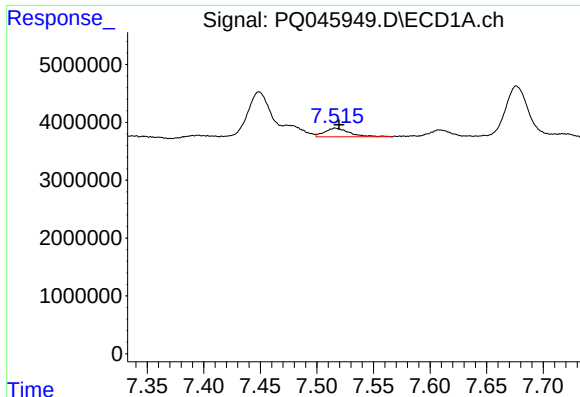
#19 AR-1242-4

R.T.: 6.736 min
Delta R.T.: 0.000 min
Response: 12272869
Conc: 291.68 ng/ml



#19 AR-1242-4

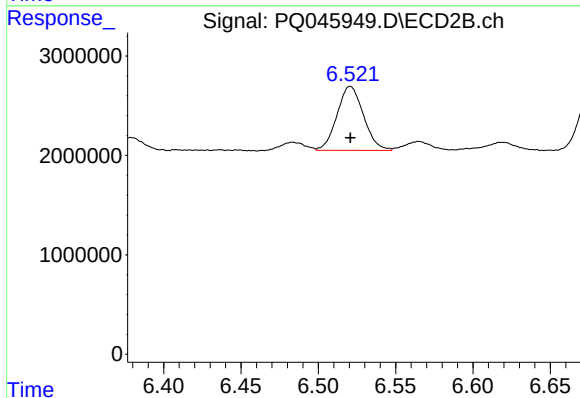
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 8898466
Conc: 302.68 ng/ml



#20 AR-1242-5

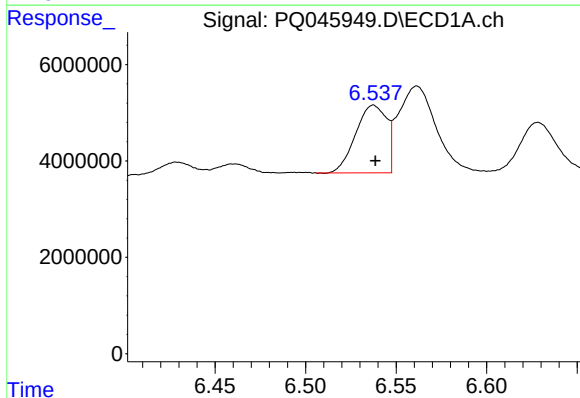
R.T.: 7.516 min
Delta R.T.: -0.003 min
Response: 2302015
Conc: 44.84 ng/ml

Instrument :
ECD_Q
ClientSampleId :



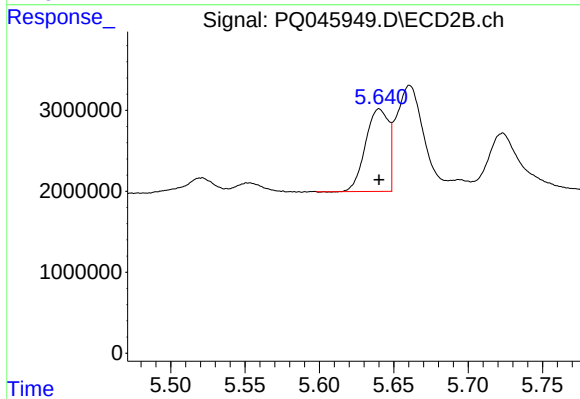
#20 AR-1242-5

R.T.: 6.521 min
Delta R.T.: 0.000 min
Response: 7661358
Conc: 197.14 ng/ml



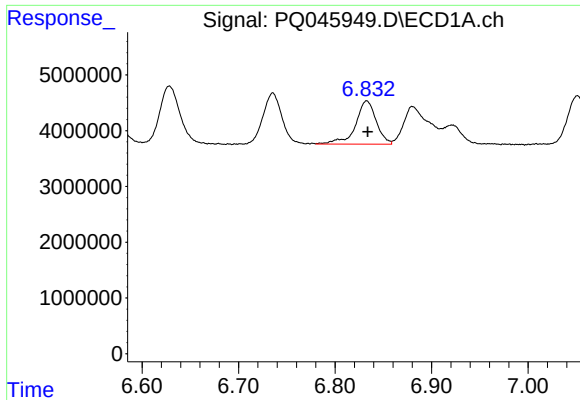
#21 AR-1248-1

R.T.: 6.537 min
Delta R.T.: -0.001 min
Response: 16690814
Conc: 340.91 ng/ml



#21 AR-1248-1

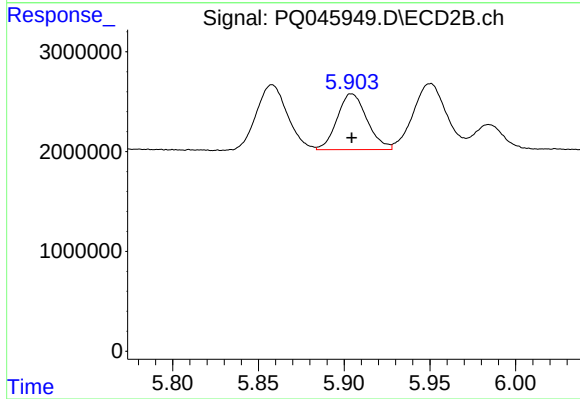
R.T.: 5.640 min
Delta R.T.: 0.000 min
Response: 10993566
Conc: 352.78 ng/ml



#22 AR-1248-2

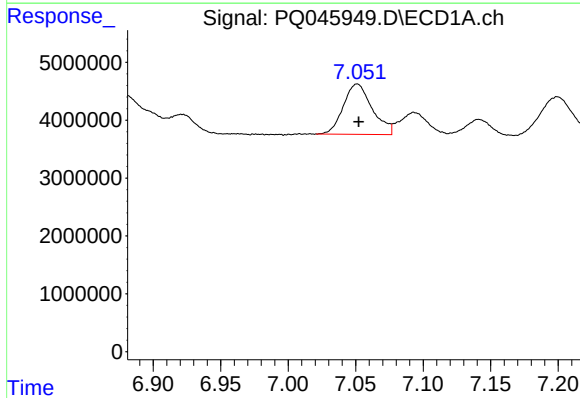
R.T.: 6.833 min
Delta R.T.: 0.000 min
Response: 11579076
Conc: 156.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



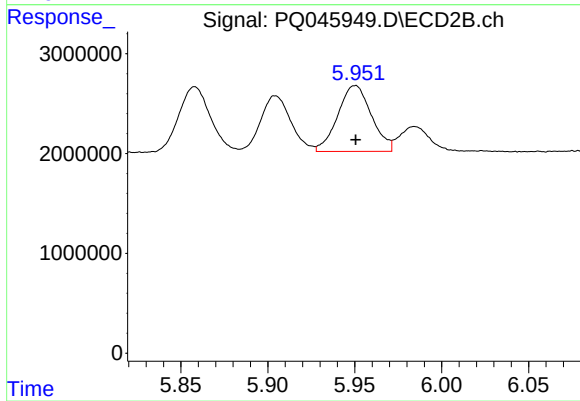
#22 AR-1248-2

R.T.: 5.904 min
Delta R.T.: 0.000 min
Response: 6783375
Conc: 151.86 ng/ml



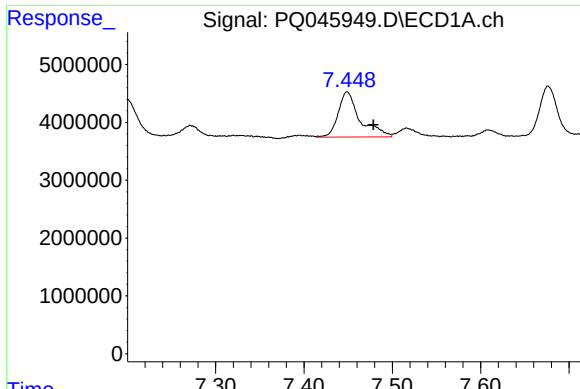
#23 AR-1248-3

R.T.: 7.051 min
Delta R.T.: -0.001 min
Response: 12939931
Conc: 155.42 ng/ml



#23 AR-1248-3

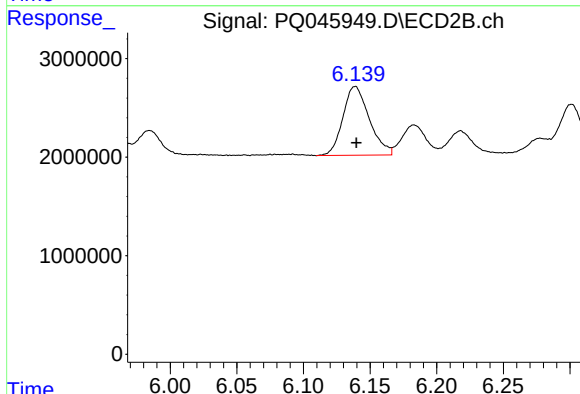
R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 8898466
Conc: 185.57 ng/ml



#24 AR-1248-4

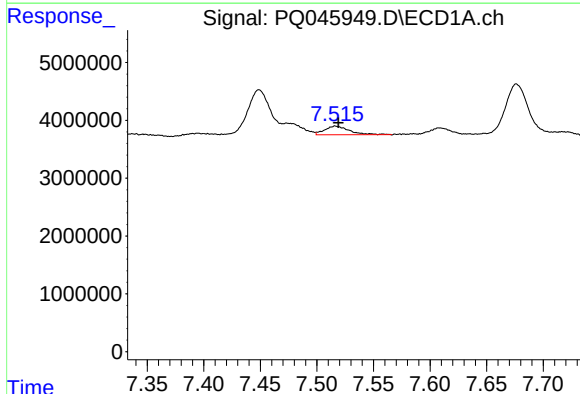
R.T.: 7.449 min
Delta R.T.: -0.030 min
Response: 13338834
Conc: 134.32 ng/ml

Instrument :
ECD_Q
ClientSampleId :



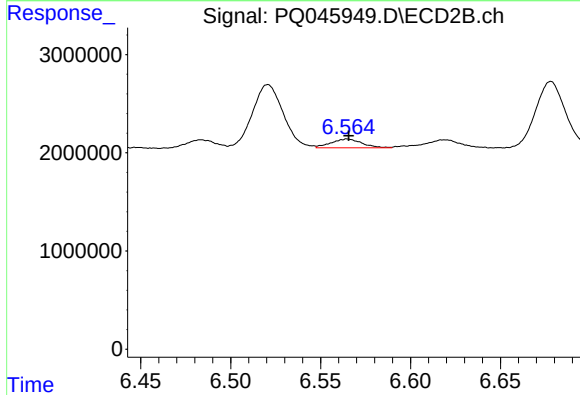
#24 AR-1248-4

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 9625429
Conc: 159.53 ng/ml



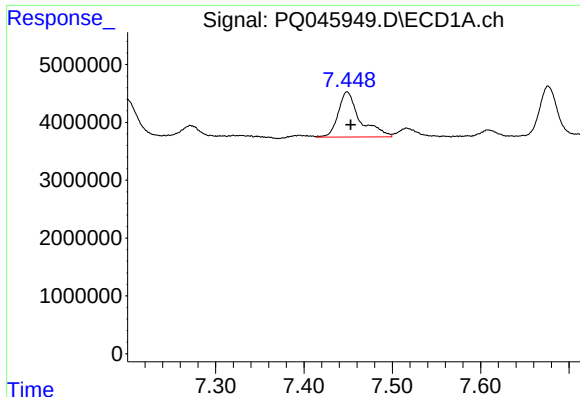
#25 AR-1248-5

R.T.: 7.516 min
Delta R.T.: -0.003 min
Response: 2302015
Conc: 22.76 ng/ml



#25 AR-1248-5

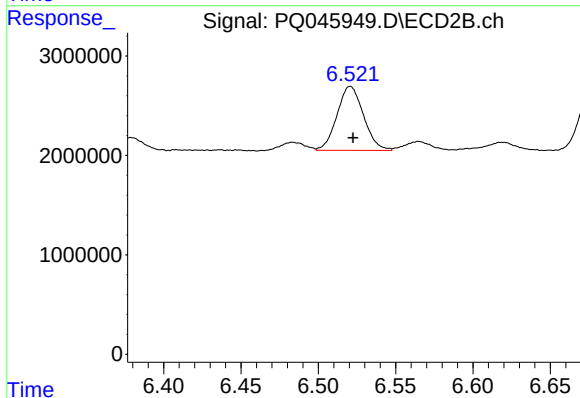
R.T.: 6.565 min
Delta R.T.: 0.000 min
Response: 1082511
Conc: 18.11 ng/ml



#26 AR-1254-1

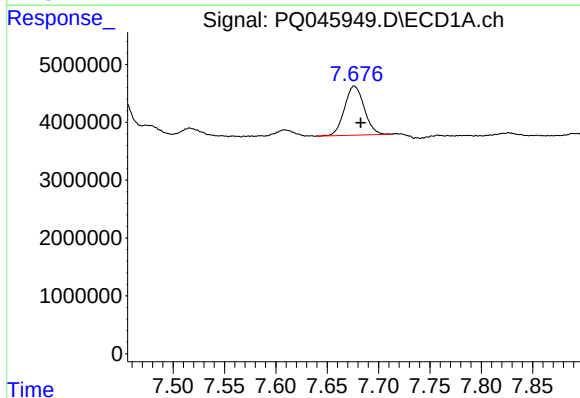
R.T.: 7.449 min
Delta R.T.: -0.004 min
Response: 13338834
Conc: 133.34 ng/ml

Instrument :
ECD_Q
ClientSampleId :



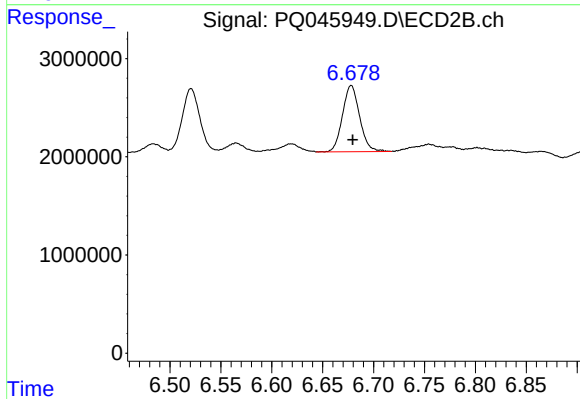
#26 AR-1254-1

R.T.: 6.521 min
Delta R.T.: -0.002 min
Response: 7661358
Conc: 79.97 ng/ml



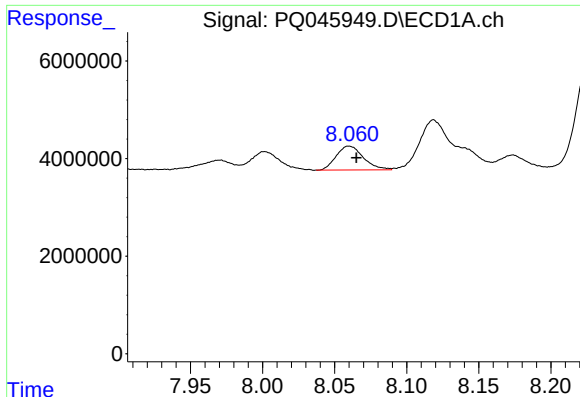
#27 AR-1254-2

R.T.: 7.676 min
Delta R.T.: -0.006 min
Response: 11333543
Conc: 67.78 ng/ml



#27 AR-1254-2

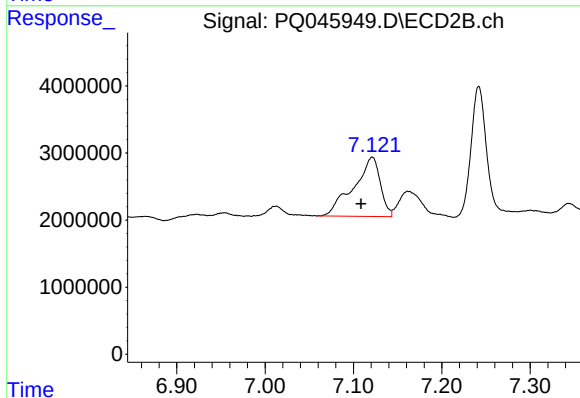
R.T.: 6.678 min
Delta R.T.: -0.002 min
Response: 7917577
Conc: 92.52 ng/ml



#28 AR-1254-3

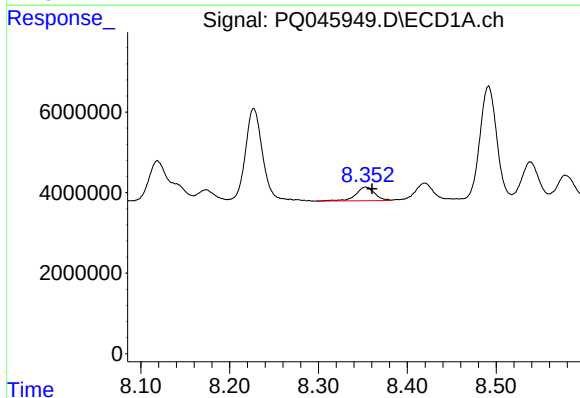
R.T.: 8.060 min
Delta R.T.: -0.005 min
Response: 6433978
Conc: 33.03 ng/ml

Instrument :
ECD_Q
ClientSampleId :



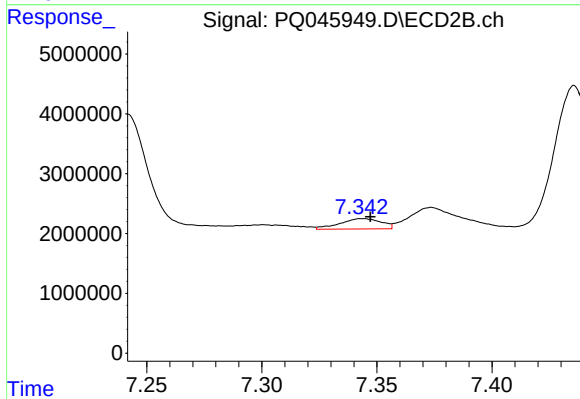
#28 AR-1254-3

R.T.: 7.121 min
Delta R.T.: 0.013 min
Response: 18514822
Conc: 125.15 ng/ml



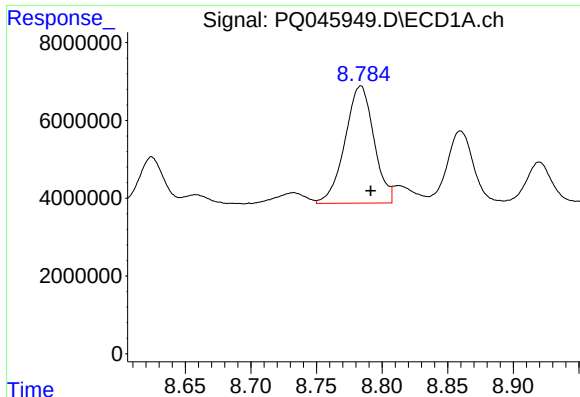
#29 AR-1254-4

R.T.: 8.353 min
Delta R.T.: -0.007 min
Response: 5021379
Conc: 34.93 ng/ml



#29 AR-1254-4

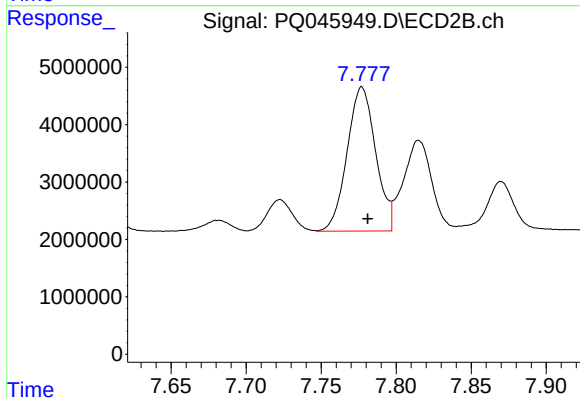
R.T.: 7.344 min
Delta R.T.: -0.003 min
Response: 2150853
Conc: 23.44 ng/ml



#30 AR-1254-5

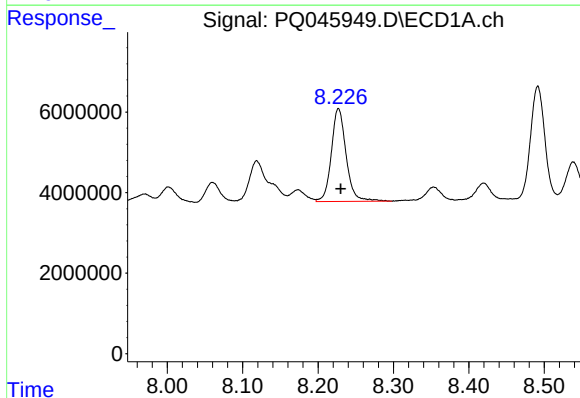
R.T.: 8.784 min
Delta R.T.: -0.008 min
Response: 46316445
Conc: 270.48 ng/ml

Instrument :
ECD_Q
ClientSampleId :



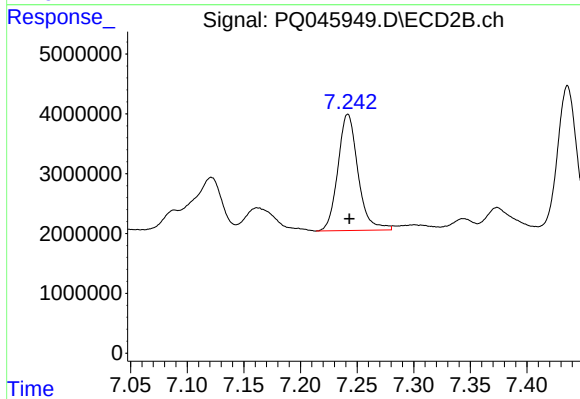
#30 AR-1254-5

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 33279068
Conc: 242.63 ng/ml



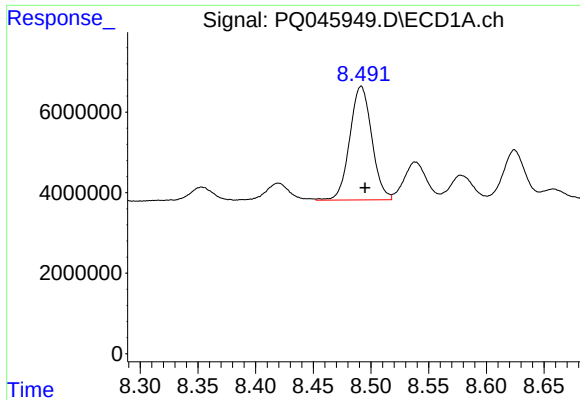
#31 AR-1260-1

R.T.: 8.227 min
Delta R.T.: -0.003 min
Response: 31348192
Conc: 251.16 ng/ml



#31 AR-1260-1

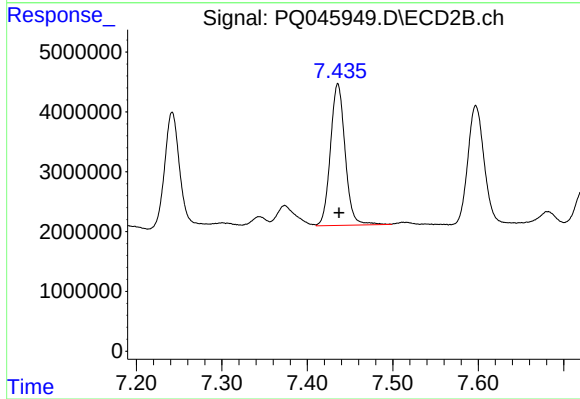
R.T.: 7.242 min
Delta R.T.: -0.001 min
Response: 24068971
Conc: 278.50 ng/ml



#32 AR-1260-2

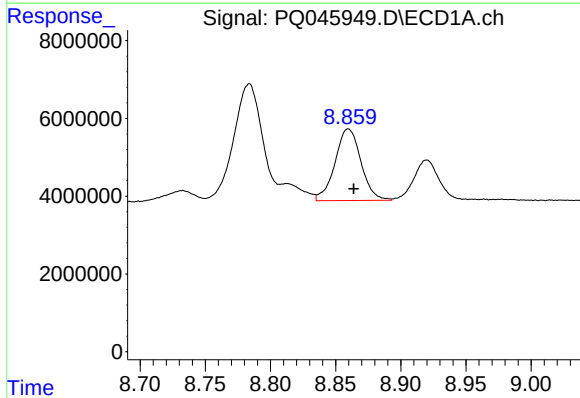
R.T.: 8.491 min
Delta R.T.: -0.003 min
Response: 37500321
Conc: 242.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



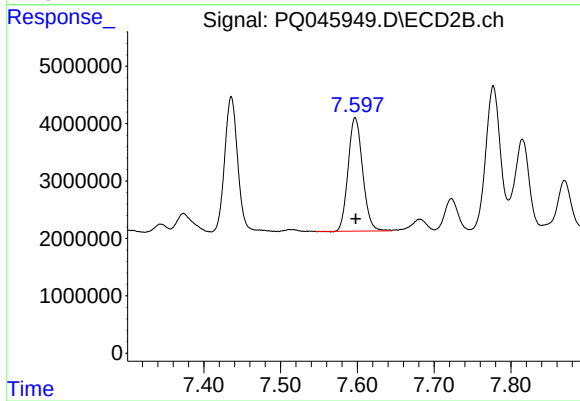
#32 AR-1260-2

R.T.: 7.436 min
Delta R.T.: -0.001 min
Response: 28230056
Conc: 262.81 ng/ml



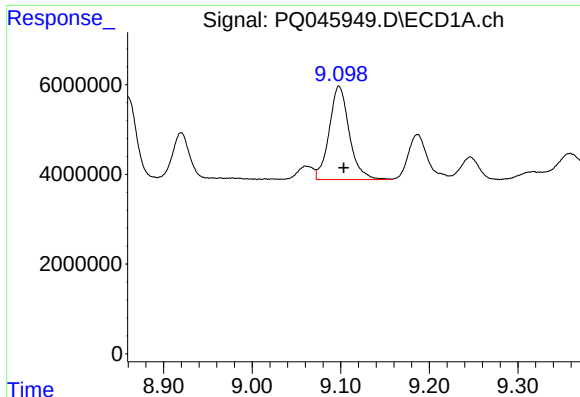
#33 AR-1260-3

R.T.: 8.860 min
Delta R.T.: -0.004 min
Response: 25590474
Conc: 197.99 ng/ml



#33 AR-1260-3

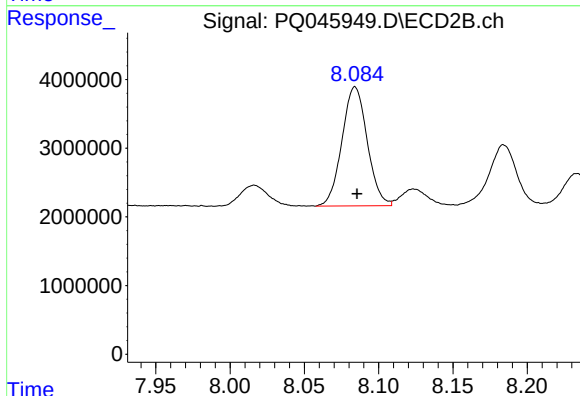
R.T.: 7.597 min
Delta R.T.: 0.000 min
Response: 25960603
Conc: 260.60 ng/ml



#34 AR-1260-4

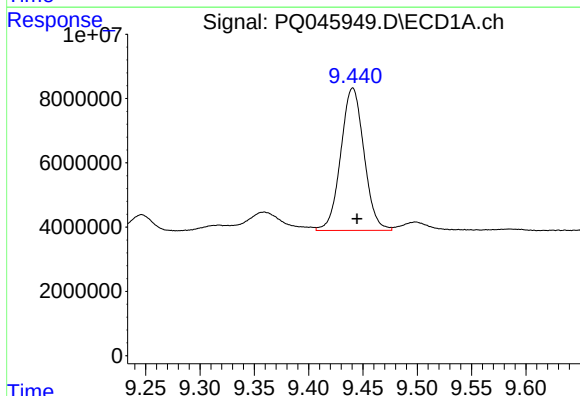
R.T.: 9.098 min
Delta R.T.: -0.005 min
Response: 32757478
Conc: 201.12 ng/ml

Instrument :
ECD_Q
ClientSampleId :



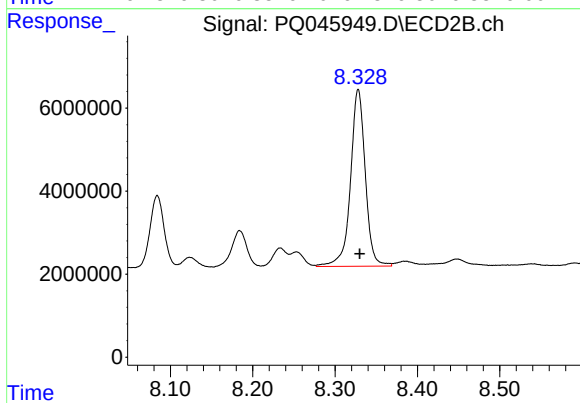
#34 AR-1260-4

R.T.: 8.084 min
Delta R.T.: -0.002 min
Response: 20521236
Conc: 220.55 ng/ml



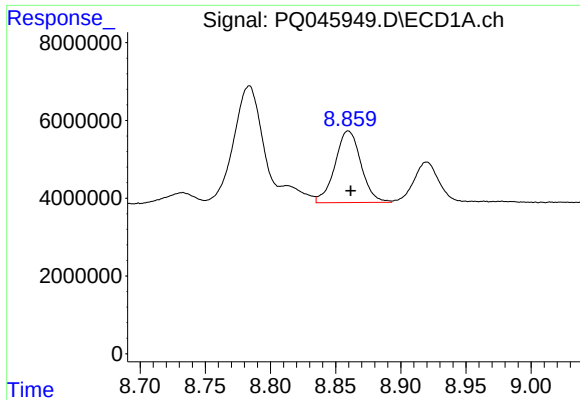
#35 AR-1260-5

R.T.: 9.441 min
Delta R.T.: -0.004 min
Response: 65905112
Conc: 195.41 ng/ml



#35 AR-1260-5

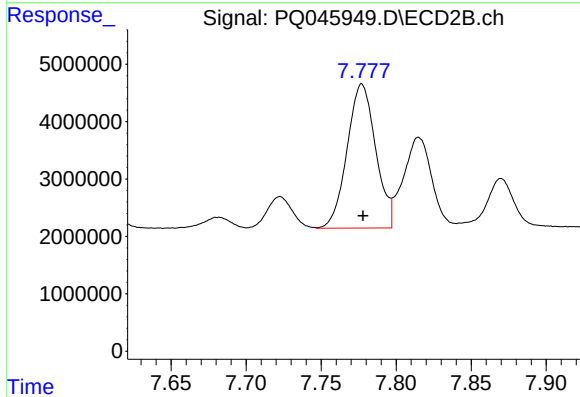
R.T.: 8.328 min
Delta R.T.: -0.002 min
Response: 53284108
Conc: 222.46 ng/ml



#36 AR-1262-1

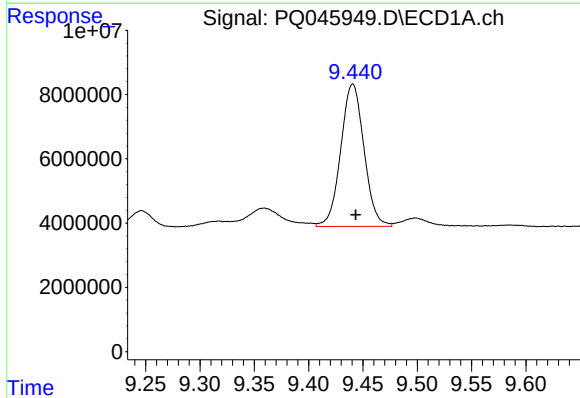
R.T.: 8.860 min
Delta R.T.: -0.002 min
Response: 25590474
Conc: 116.13 ng/ml

Instrument :
ECD_Q
ClientSampleId :



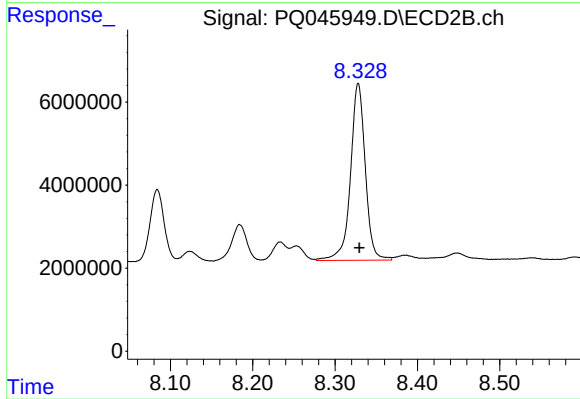
#36 AR-1262-1

R.T.: 7.777 min
Delta R.T.: 0.000 min
Response: 33279068
Conc: 424.68 ng/ml



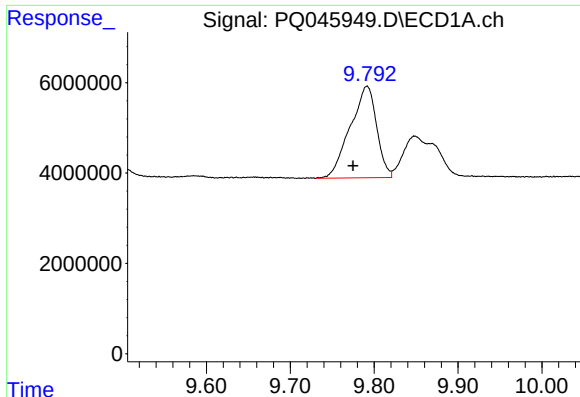
#37 AR-1262-2

R.T.: 9.441 min
Delta R.T.: -0.003 min
Response: 65905112
Conc: 156.63 ng/ml



#37 AR-1262-2

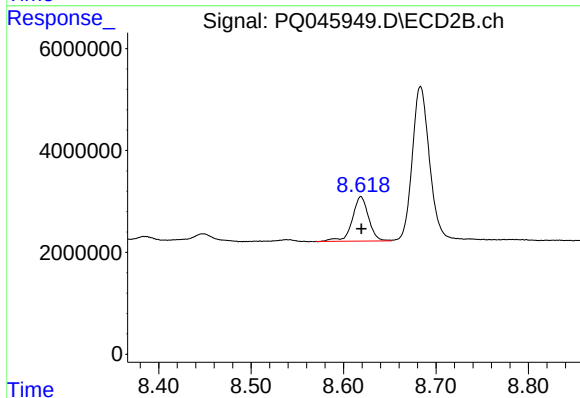
R.T.: 8.328 min
Delta R.T.: -0.001 min
Response: 53284108
Conc: 164.53 ng/ml



#38 AR-1262-3

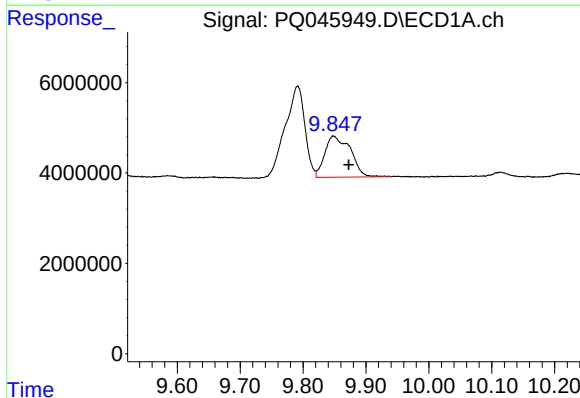
R.T.: 9.791 min
Delta R.T.: 0.016 min
Response: 44412476
Conc: 149.77 ng/ml

Instrument :
ECD_Q
ClientSampleId :



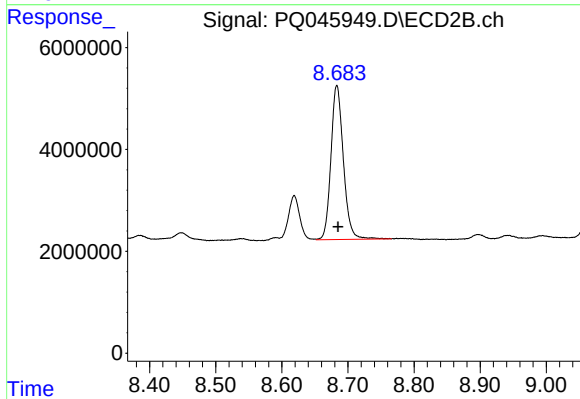
#38 AR-1262-3

R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 10702373
Conc: 85.51 ng/ml



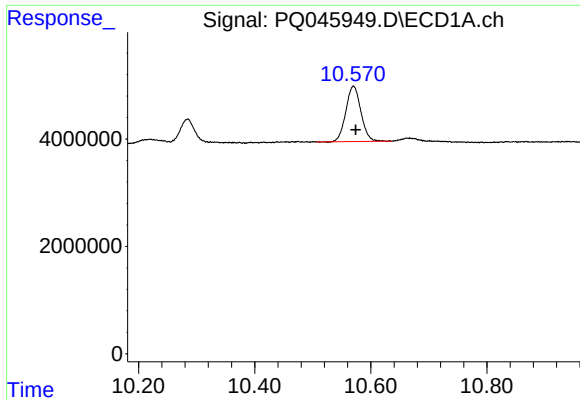
#39 AR-1262-4

R.T.: 9.848 min
Delta R.T.: -0.024 min
Response: 25798395
Conc: 110.71 ng/ml



#39 AR-1262-4

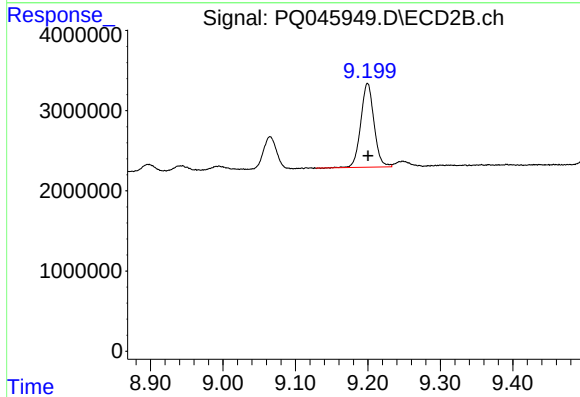
R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 39495177
Conc: 157.11 ng/ml



#40 AR-1262-5

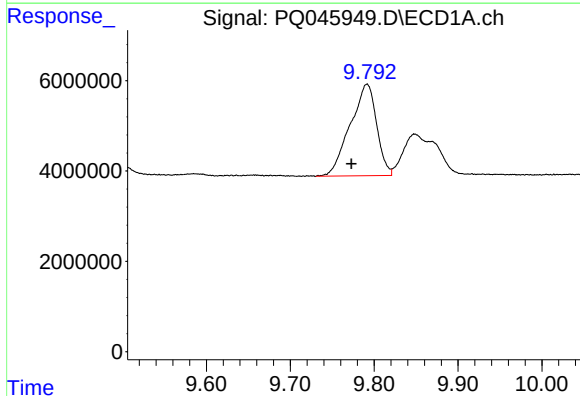
R.T.: 10.570 min
Delta R.T.: -0.004 min
Response: 18506408
Conc: 100.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



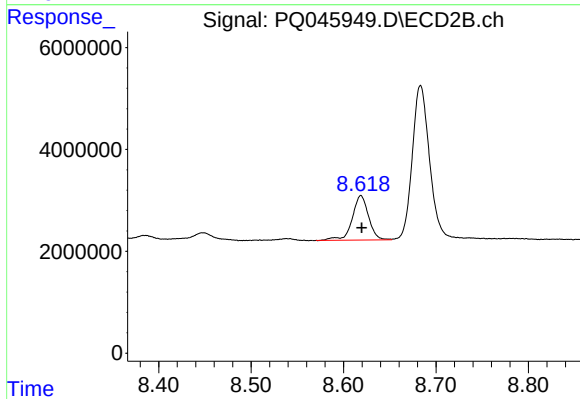
#40 AR-1262-5

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 13311201
Conc: 112.30 ng/ml



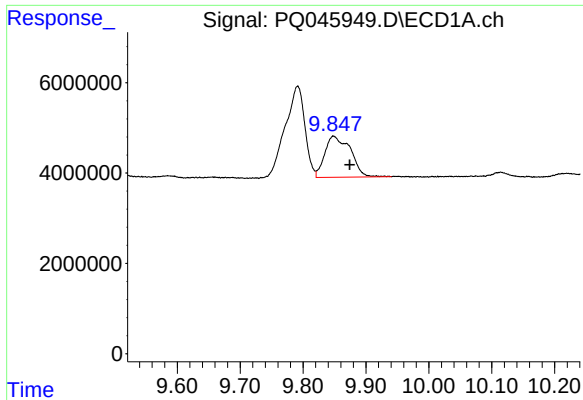
#41 AR-1268-1

R.T.: 9.791 min
Delta R.T.: 0.019 min
Response: 44412476
Conc: 88.75 ng/ml



#41 AR-1268-1

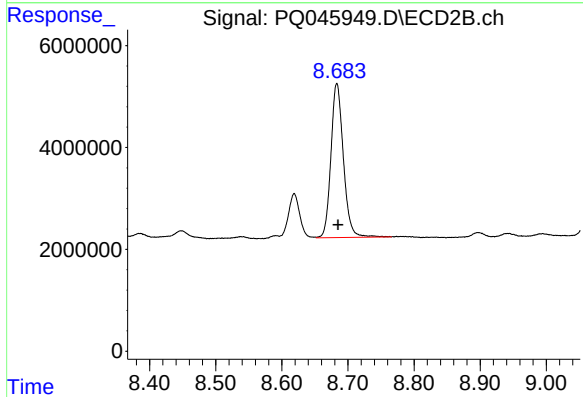
R.T.: 8.619 min
Delta R.T.: 0.000 min
Response: 10702373
Conc: 29.27 ng/ml



#42 AR-1268-2

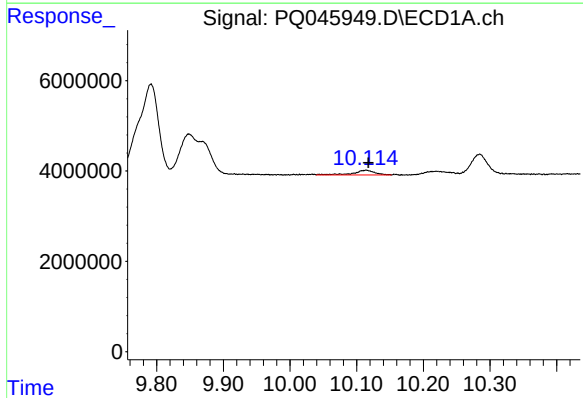
R.T.: 9.848 min
Delta R.T.: -0.026 min
Response: 25798395
Conc: 54.52 ng/ml

Instrument :
ECD_Q
ClientSampleId :



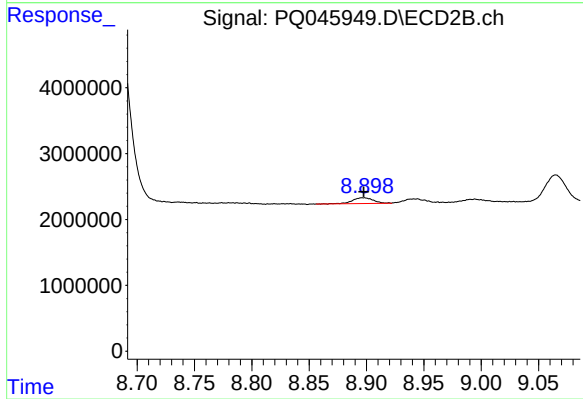
#42 AR-1268-2

R.T.: 8.683 min
Delta R.T.: -0.002 min
Response: 39495177
Conc: 111.88 ng/ml



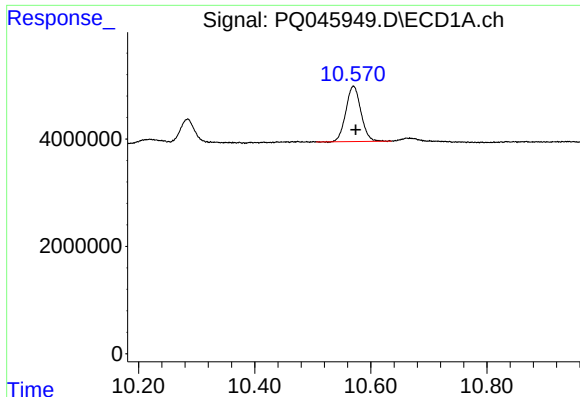
#43 AR-1268-3

R.T.: 10.114 min
Delta R.T.: -0.003 min
Response: 2289137
Conc: 5.52 ng/ml



#43 AR-1268-3

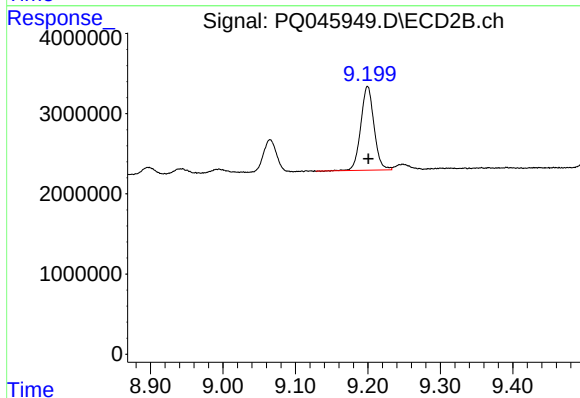
R.T.: 8.897 min
Delta R.T.: 0.000 min
Response: 1086162
Conc: 3.83 ng/ml



#44 AR-1268-4

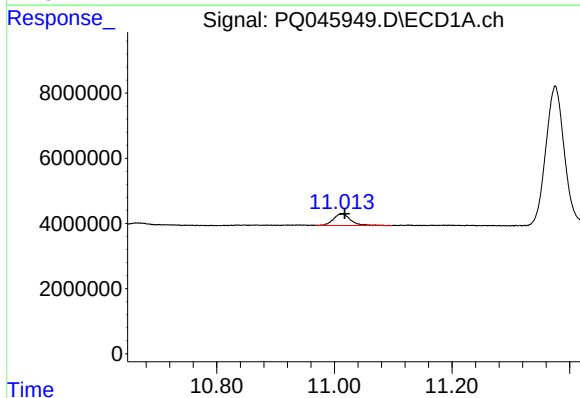
R.T.: 10.570 min
Delta R.T.: -0.004 min
Response: 18506408
Conc: 95.51 ng/ml

Instrument :
ECD_Q
ClientSampleId :



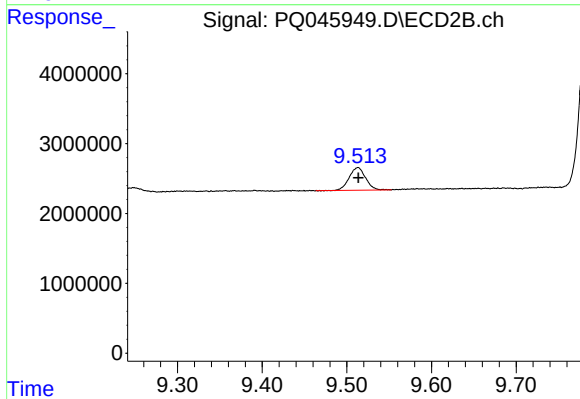
#44 AR-1268-4

R.T.: 9.200 min
Delta R.T.: 0.000 min
Response: 13311201
Conc: 104.10 ng/ml



#45 AR-1268-5

R.T.: 11.013 min
Delta R.T.: -0.004 min
Response: 7318640
Conc: 4.55 ng/ml



#45 AR-1268-5

R.T.: 9.513 min
Delta R.T.: 0.000 min
Response: 4369841
Conc: 4.07 ng/ml