

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ101420\
 Data File : PQ050439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Oct 2020 20:18
 Operator : DD\AJ
 Sample : L4383-02MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 04:29:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Oct 14 13:34:07 2020
 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...	5.203	4.268	357.7E6	106.7E6	26.291	25.542
2)	SA Decachlor...	11.389	9.618	244.2E6	162.3E6	23.796	21.204
Target Compounds							
3)	L1 AR-1016-1	6.536	5.529	132.1E6	46250620	253.409	241.705
4)	L1 AR-1016-2	6.560	5.550	183.4E6	62729412	247.752	240.054
5)	L1 AR-1016-3	6.626	5.743	113.6E6	33896365	251.821	241.116
6)	L1 AR-1016-4	6.736	5.793	94935201	26421712	251.546	239.761
7)	L1 AR-1016-5	7.049	6.024	89272382	34274087	246.143	231.510
8)	L2 AR-1221-1	5.454	4.523	10936877	3426839	85.095	87.534
9)	L2 AR-1221-2	5.559	4.625	18427307	5097290	190.834	173.974
10)	L2 AR-1221-3	5.648	4.714	64909816	19843977	217.167	208.733
11)	L3 AR-1232-1	5.648	4.714	64909816	19843977	236.984	224.925
12)	L3 AR-1232-2	6.240	5.550	87865530	62729412	629.672	607.184
13)	L3 AR-1232-3	6.560	5.743	183.4E6	33896365	627.659	621.072
14)	L3 AR-1232-4	6.736	5.838	94935201	32489897	633.296	685.133
15)	L3 AR-1232-5	6.828	6.024	80313281	34274087	731.929	642.410
16)	L4 AR-1242-1	6.536	5.529	132.1E6	46250620	349.126	338.750
17)	L4 AR-1242-2	6.560	5.550	183.4E6	62729412	343.261	336.888
18)	L4 AR-1242-3	6.626	5.743	113.6E6	33896365	346.828	338.327
19)	L4 AR-1242-4	6.736	5.838	94935201	32489897	347.530	341.251
20)	L4 AR-1242-5	7.518	6.403	14277706	29417473	47.468	212.106 #
21)	L5 AR-1248-1	6.536	5.529	132.1E6	46250620	357.043	359.230
22)	L5 AR-1248-2	6.828	5.793	80313281	26421712	157.733	148.216
23)	L5 AR-1248-3	7.049	5.838	89272382	32489897	161.224	176.374
24)	L5 AR-1248-4	7.479	6.024	16135876	34274087	25.290	152.188 #
25)	L5 AR-1248-5	7.518	6.446	14277706	5124903	23.241	21.330
26)	L6 AR-1254-1	7.446	6.403	66134633	29417473	136.052	101.741 #
27)	L6 AR-1254-2	7.673	6.562	74581971	29292726	99.426	113.382
28)	L6 AR-1254-3	8.060	7.000f	40246113	54695973	53.058	126.434 #
29)	L6 AR-1254-4	8.356	7.222	31901903	7917569	53.267	25.331 #
30)	L6 AR-1254-5	8.786	7.650	215.1E6	116.6E6	372.105	279.288
31)	L7 AR-1260-1	8.224	7.119	157.3E6	78167999	259.014	248.278
32)	L7 AR-1260-2	8.490	7.315	183.7E6	94990509	257.652	220.260
33)	L7 AR-1260-3	8.855	7.472	119.0E6	89006803	216.377	236.876
34)	L7 AR-1260-4	9.098	7.954	133.3E6	88472796	230.070	261.899
35)	L7 AR-1260-5	9.446	8.201	262.1E6	191.0E6	226.493	200.452
36)	L8 AR-1262-1	8.855	7.650	119.0E6	116.6E6	168.858	510.018 #
37)	L8 AR-1262-2	9.446	8.201	262.1E6	191.0E6	225.402	201.299
38)	L8 AR-1262-3	9.772	8.488	59607344	40893149	111.200	103.977
39)	L8 AR-1262-4	9.857f	8.550	102.8E6	131.4E6	160.846	191.720
40)	L8 AR-1262-5	10.591	9.056	69073346	43769291	155.892	126.860
41)	L9 AR-1268-1	9.772	8.488	59607344	40893149	44.957	36.216

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 Misc :
 ALS Vial : 16 Sample Multiplier: 1

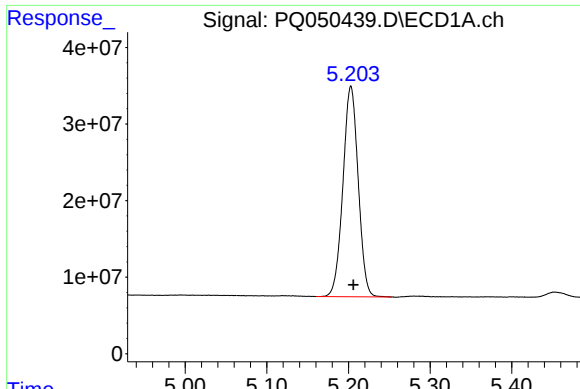
Instrument :
 ECD_L
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 15 04:29:00 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ101420.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	9.772	8.550	59607344	131.4E6	44.957	132.477 #
43) L9	AR-1268-3	10.112	8.761	6278650	3819138	6.112	4.532 #
44) L9	AR-1268-4	10.591	9.056	69073346	43769291	142.982	115.700
45) L9	AR-1268-5	11.031	9.357	26055295	14207730	8.897	5.446 #

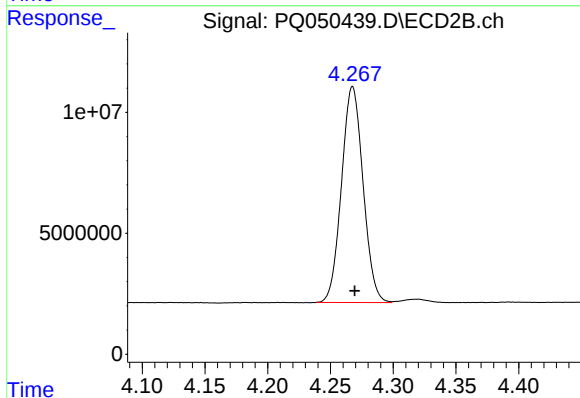
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

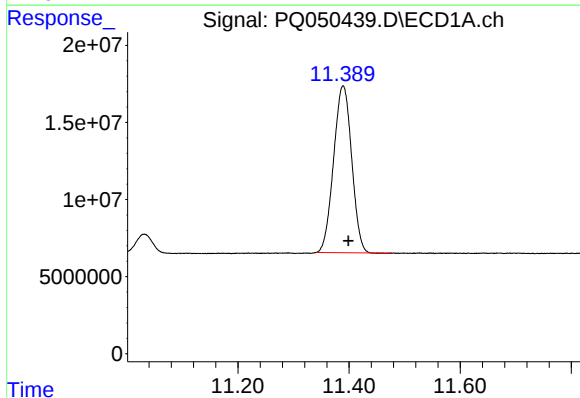
R.T.: 5.203 min
Delta R.T.: -0.003 min
Response: 357703839
Conc: 26.29 ng/ml

Instrument :
ECD_L
ClientSampleId :



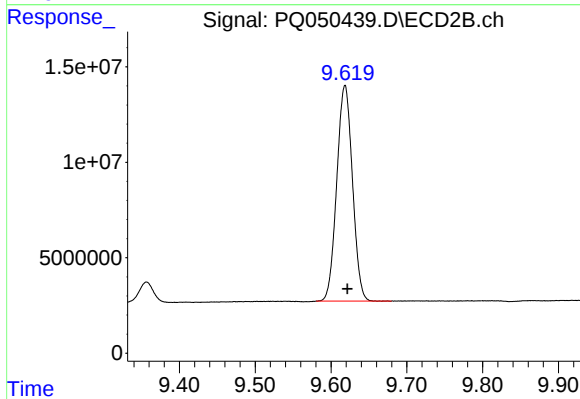
#1 Tetrachloro-m-xylene

R.T.: 4.268 min
Delta R.T.: -0.002 min
Response: 106733114
Conc: 25.54 ng/ml



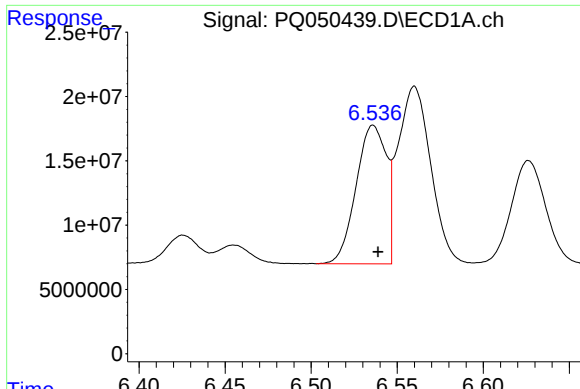
#2 Decachlorobiphenyl

R.T.: 11.389 min
Delta R.T.: -0.009 min
Response: 244169134
Conc: 23.80 ng/ml



#2 Decachlorobiphenyl

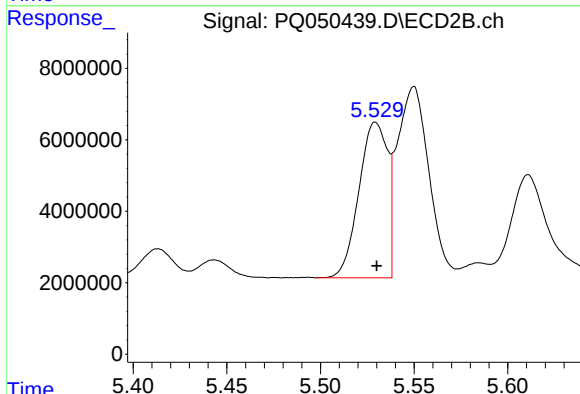
R.T.: 9.618 min
Delta R.T.: -0.003 min
Response: 162302638
Conc: 21.20 ng/ml



#3 AR-1016-1

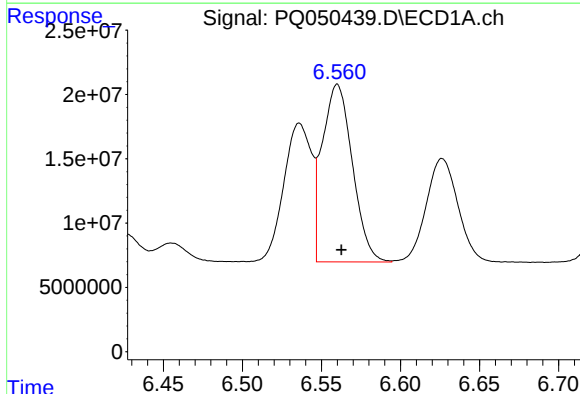
R.T.: 6.536 min
Delta R.T.: -0.003 min
Response: 132060029
Conc: 253.41 ng/ml

Instrument :
ECD_L
ClientSampleId :



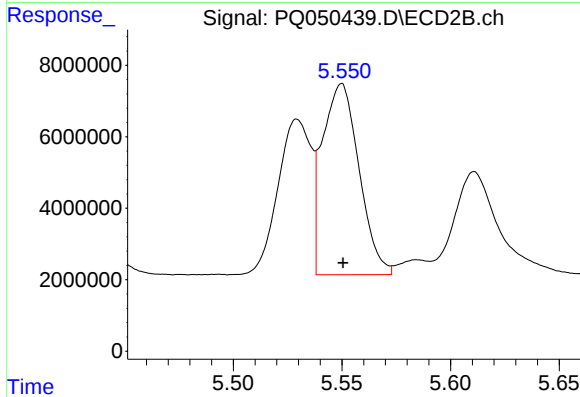
#3 AR-1016-1

R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 46250620
Conc: 241.71 ng/ml



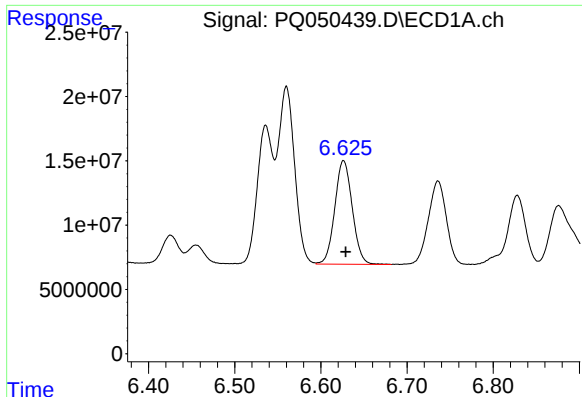
#4 AR-1016-2

R.T.: 6.560 min
Delta R.T.: -0.003 min
Response: 183432659
Conc: 247.75 ng/ml



#4 AR-1016-2

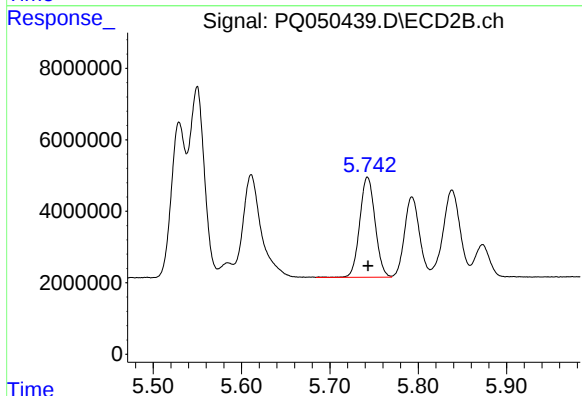
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 62729412
Conc: 240.05 ng/ml



#5 AR-1016-3

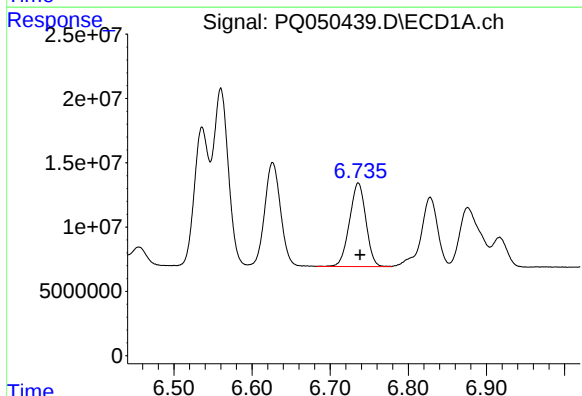
R.T.: 6.626 min
Delta R.T.: -0.003 min
Response: 113571083
Conc: 251.82 ng/ml

Instrument :
ECD_L
ClientSampleId :



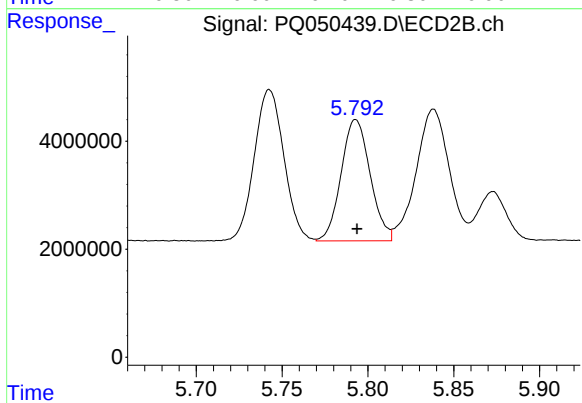
#5 AR-1016-3

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 33896365
Conc: 241.12 ng/ml



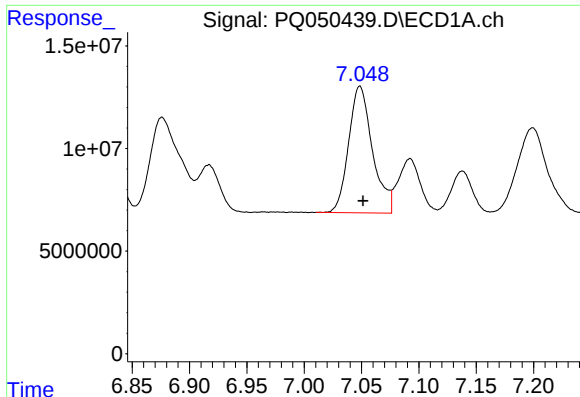
#6 AR-1016-4

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 94935201
Conc: 251.55 ng/ml



#6 AR-1016-4

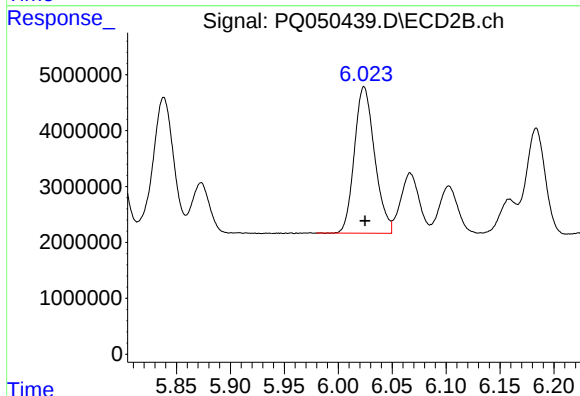
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 26421712
Conc: 239.76 ng/ml



#7 AR-1016-5

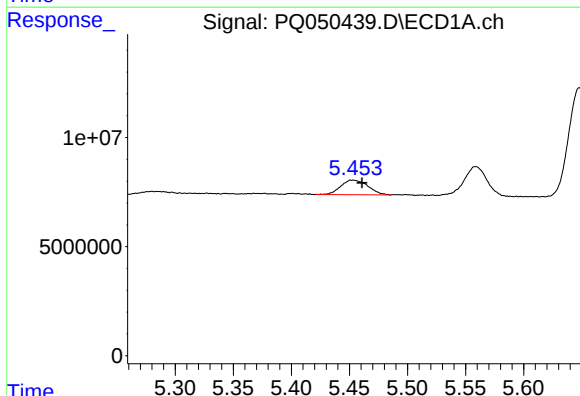
R.T.: 7.049 min
Delta R.T.: -0.003 min
Response: 89272382
Conc: 246.14 ng/ml

Instrument :
ECD_L
ClientSampleId :



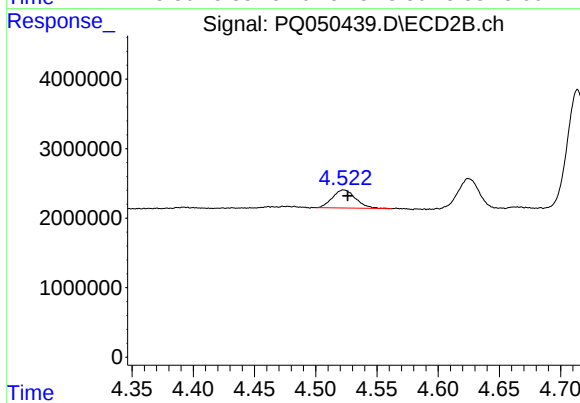
#7 AR-1016-5

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 34274087
Conc: 231.51 ng/ml



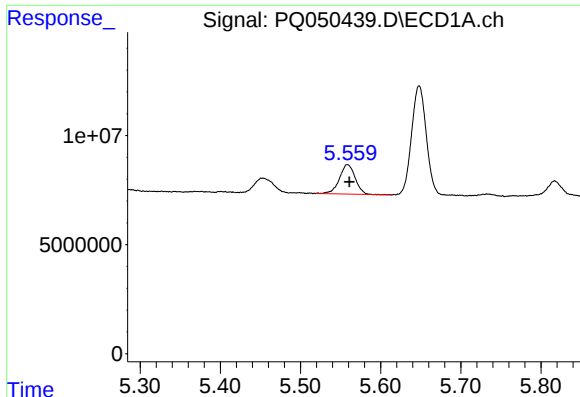
#8 AR-1221-1

R.T.: 5.454 min
Delta R.T.: -0.007 min
Response: 10936877
Conc: 85.09 ng/ml



#8 AR-1221-1

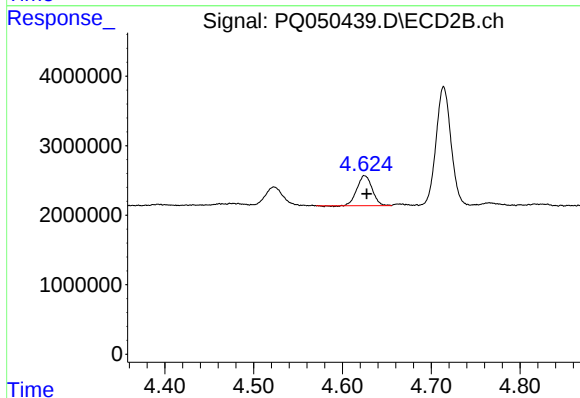
R.T.: 4.523 min
Delta R.T.: -0.003 min
Response: 3426839
Conc: 87.53 ng/ml



#9 AR-1221-2

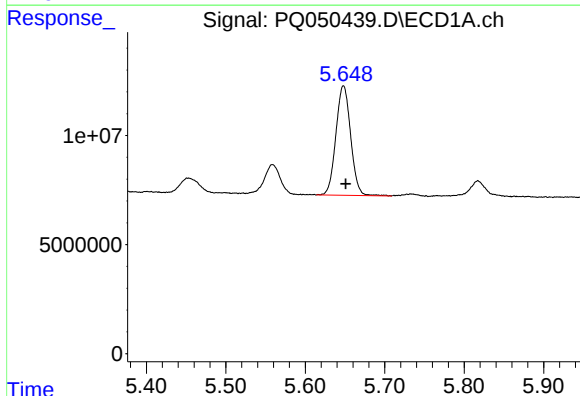
R.T.: 5.559 min
Delta R.T.: -0.003 min
Response: 18427307
Conc: 190.83 ng/ml

Instrument :
ECD_L
ClientSampleId :



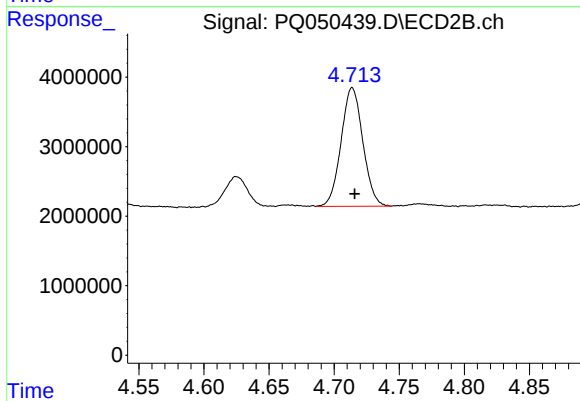
#9 AR-1221-2

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 5097290
Conc: 173.97 ng/ml



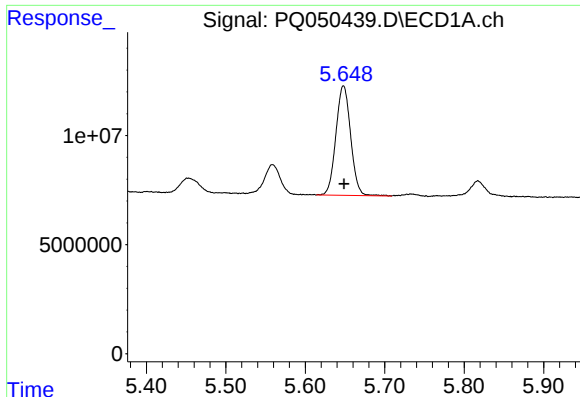
#10 AR-1221-3

R.T.: 5.648 min
Delta R.T.: -0.003 min
Response: 64909816
Conc: 217.17 ng/ml



#10 AR-1221-3

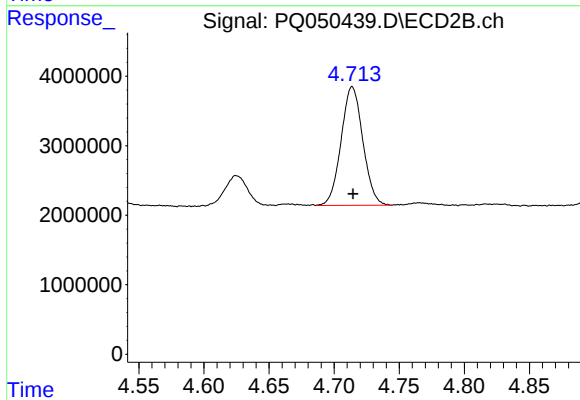
R.T.: 4.714 min
Delta R.T.: -0.002 min
Response: 19843977
Conc: 208.73 ng/ml



#11 AR-1232-1

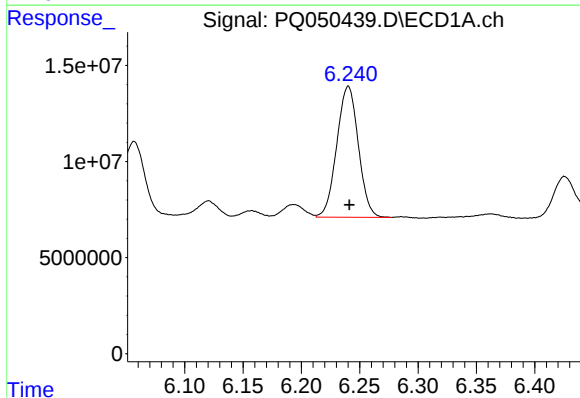
R.T.: 5.648 min
Delta R.T.: 0.000 min
Response: 64909816
Conc: 236.98 ng/ml

Instrument :
ECD_L
ClientSampleId :



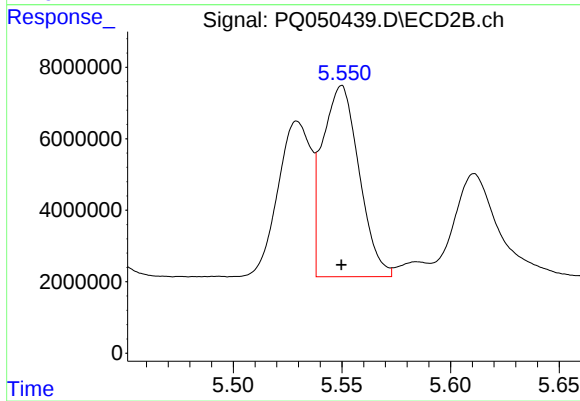
#11 AR-1232-1

R.T.: 4.714 min
Delta R.T.: 0.000 min
Response: 19843977
Conc: 224.93 ng/ml



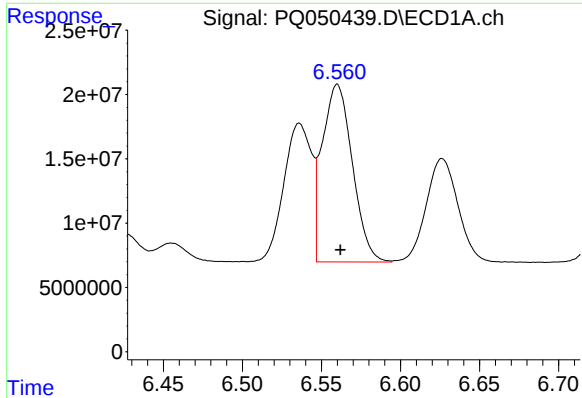
#12 AR-1232-2

R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 87865530
Conc: 629.67 ng/ml



#12 AR-1232-2

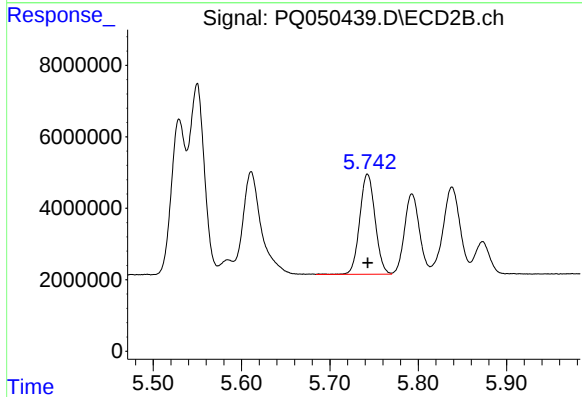
R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 62729412
Conc: 607.18 ng/ml



#13 AR-1232-3

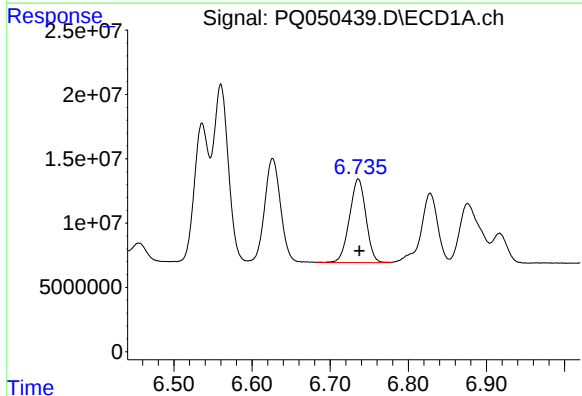
R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 183432659
Conc: 627.66 ng/ml

Instrument :
ECD_L
ClientSampleId :



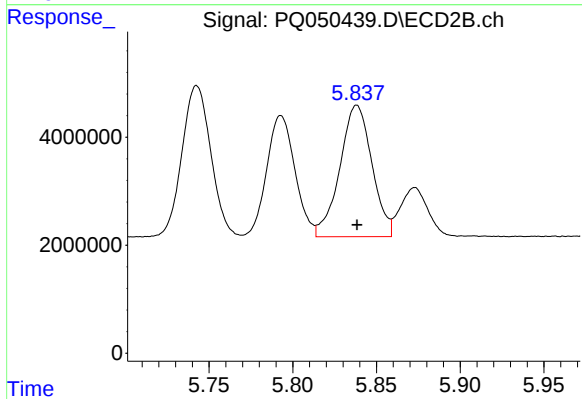
#13 AR-1232-3

R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 33896365
Conc: 621.07 ng/ml



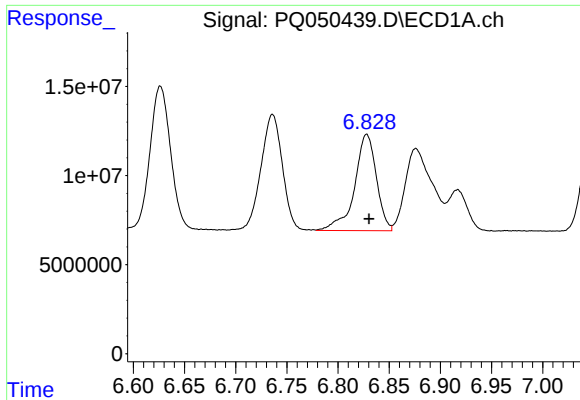
#14 AR-1232-4

R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 94935201
Conc: 633.30 ng/ml



#14 AR-1232-4

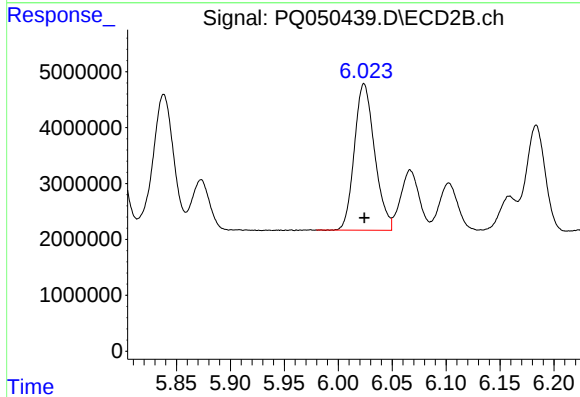
R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 32489897
Conc: 685.13 ng/ml



#15 AR-1232-5

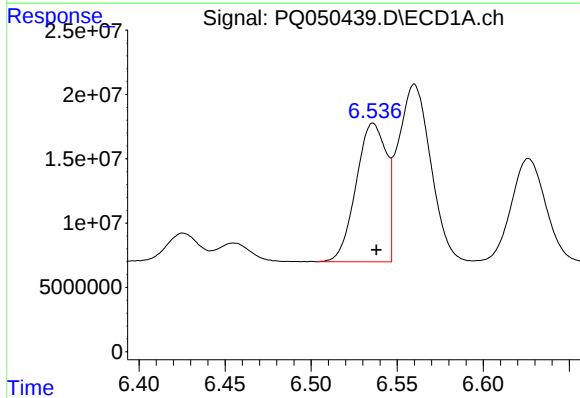
R.T.: 6.828 min
Delta R.T.: -0.002 min
Response: 80313281
Conc: 731.93 ng/ml

Instrument :
ECD_L
ClientSampleId :



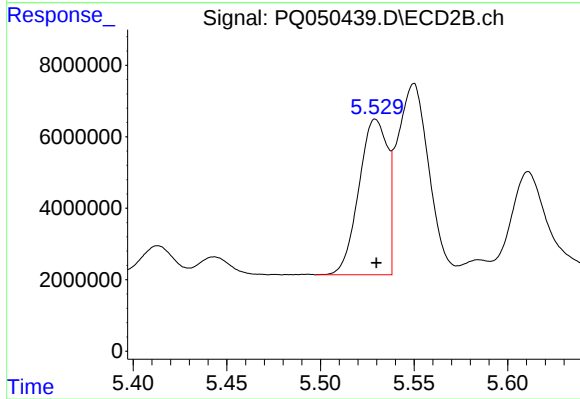
#15 AR-1232-5

R.T.: 6.024 min
Delta R.T.: 0.000 min
Response: 34274087
Conc: 642.41 ng/ml



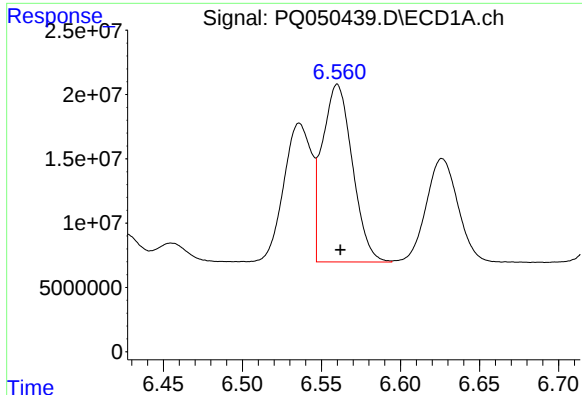
#16 AR-1242-1

R.T.: 6.536 min
Delta R.T.: -0.002 min
Response: 132060029
Conc: 349.13 ng/ml



#16 AR-1242-1

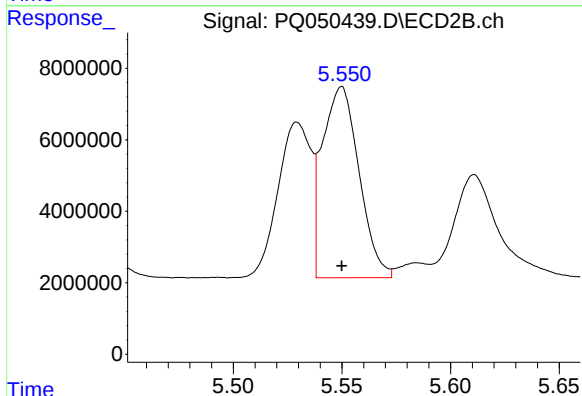
R.T.: 5.529 min
Delta R.T.: 0.000 min
Response: 46250620
Conc: 338.75 ng/ml



#17 AR-1242-2

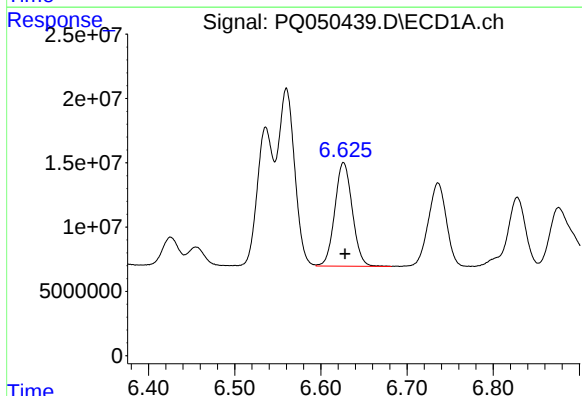
R.T.: 6.560 min
Delta R.T.: -0.002 min
Response: 183432659
Conc: 343.26 ng/ml

Instrument :
ECD_L
ClientSampleId :



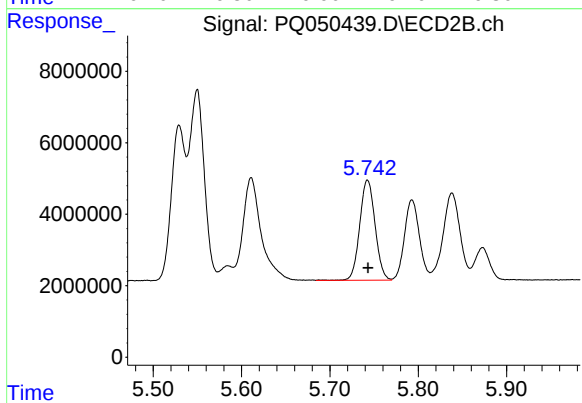
#17 AR-1242-2

R.T.: 5.550 min
Delta R.T.: 0.000 min
Response: 62729412
Conc: 336.89 ng/ml



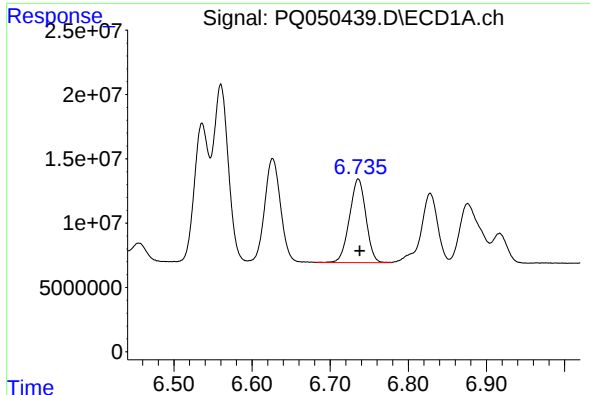
#18 AR-1242-3

R.T.: 6.626 min
Delta R.T.: -0.002 min
Response: 113571083
Conc: 346.83 ng/ml



#18 AR-1242-3

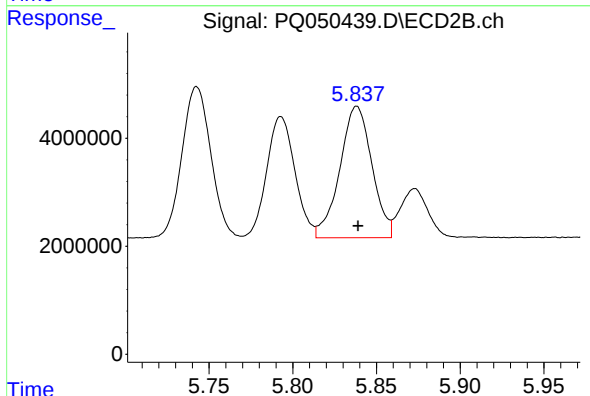
R.T.: 5.743 min
Delta R.T.: 0.000 min
Response: 33896365
Conc: 338.33 ng/ml



#19 AR-1242-4

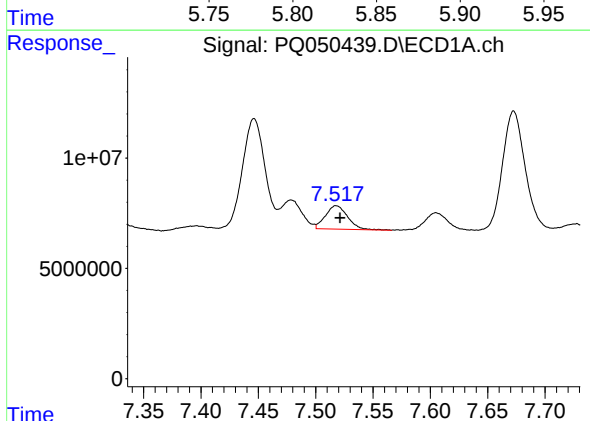
R.T.: 6.736 min
Delta R.T.: -0.002 min
Response: 94935201
Conc: 347.53 ng/ml

Instrument :
ECD_L
ClientSampleId :



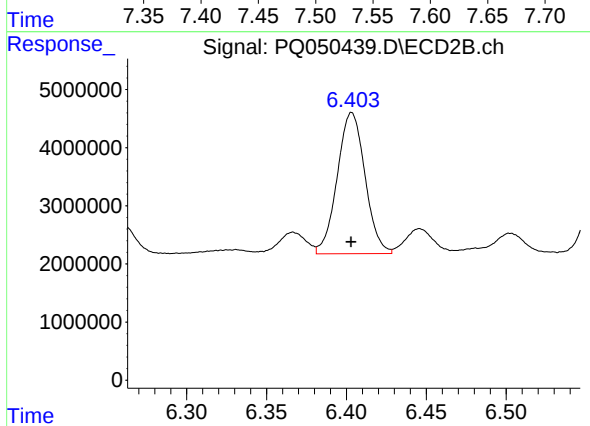
#19 AR-1242-4

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 32489897
Conc: 341.25 ng/ml



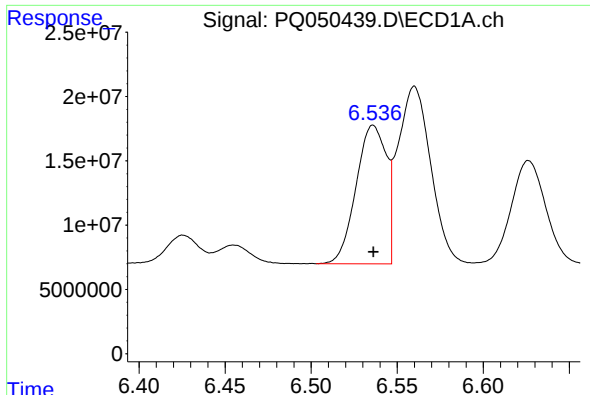
#20 AR-1242-5

R.T.: 7.518 min
Delta R.T.: -0.003 min
Response: 14277706
Conc: 47.47 ng/ml



#20 AR-1242-5

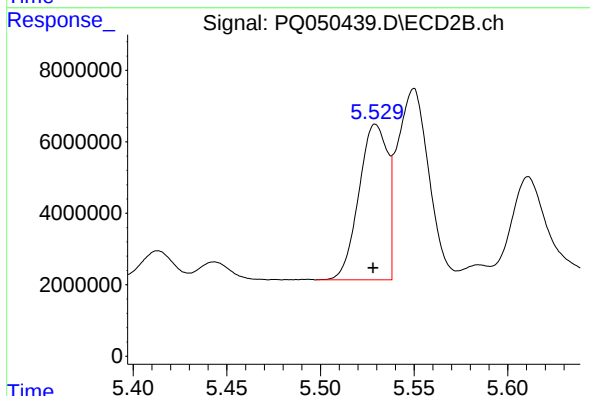
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 29417473
Conc: 212.11 ng/ml



#21 AR-1248-1

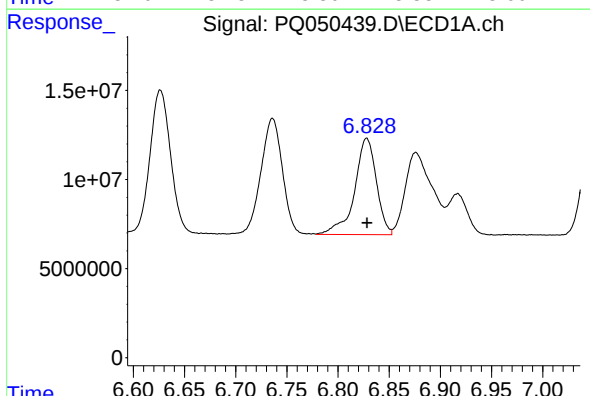
R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 132060029
Conc: 357.04 ng/ml

Instrument :
ECD_L
ClientSampleId :



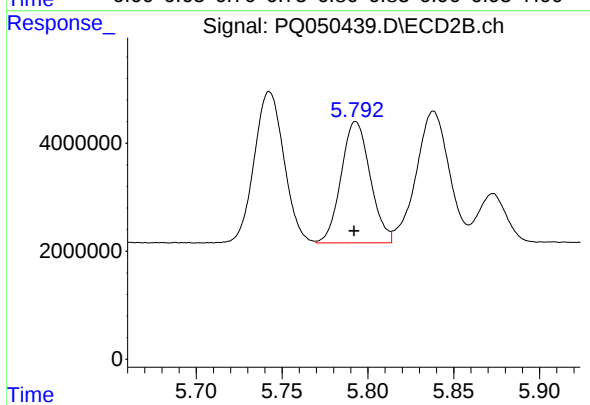
#21 AR-1248-1

R.T.: 5.529 min
Delta R.T.: 0.001 min
Response: 46250620
Conc: 359.23 ng/ml



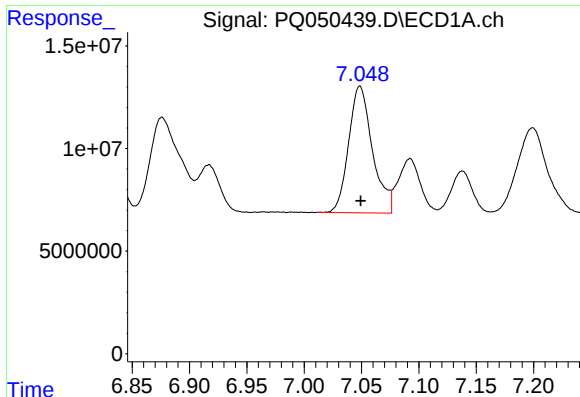
#22 AR-1248-2

R.T.: 6.828 min
Delta R.T.: 0.000 min
Response: 80313281
Conc: 157.73 ng/ml



#22 AR-1248-2

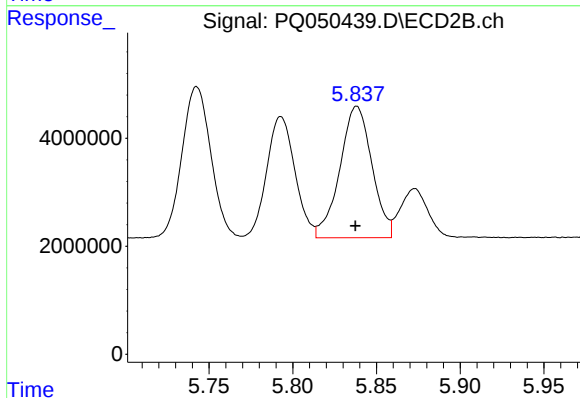
R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 26421712
Conc: 148.22 ng/ml



#23 AR-1248-3

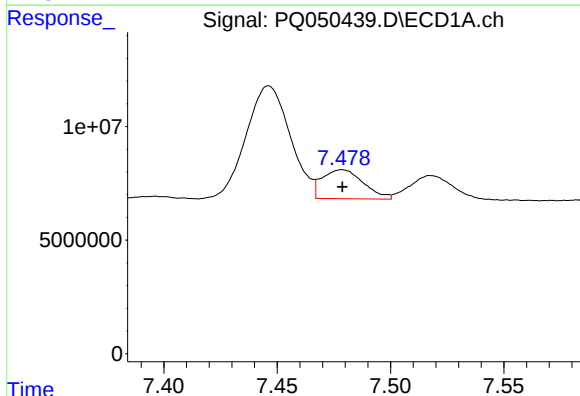
R.T.: 7.049 min
Delta R.T.: 0.000 min
Response: 89272382
Conc: 161.22 ng/ml

Instrument :
ECD_L
ClientSampleId :



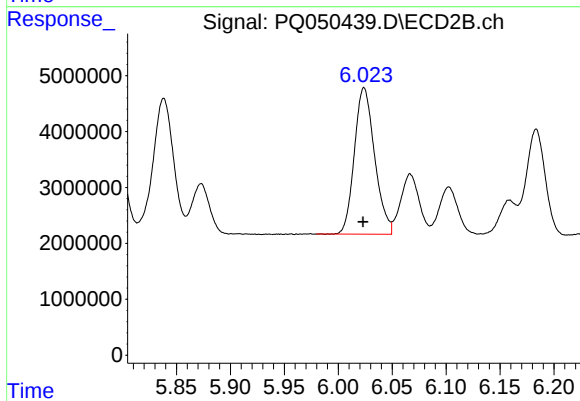
#23 AR-1248-3

R.T.: 5.838 min
Delta R.T.: 0.000 min
Response: 32489897
Conc: 176.37 ng/ml



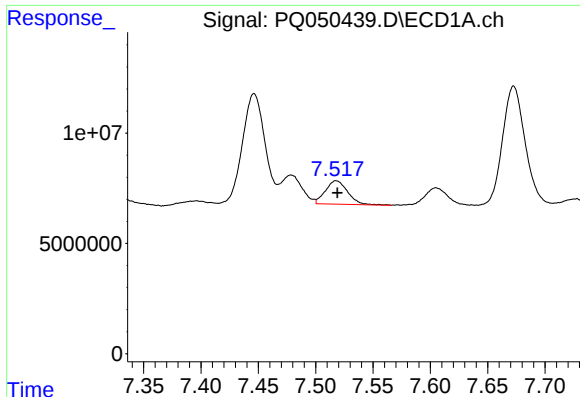
#24 AR-1248-4

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 16135876
Conc: 25.29 ng/ml



#24 AR-1248-4

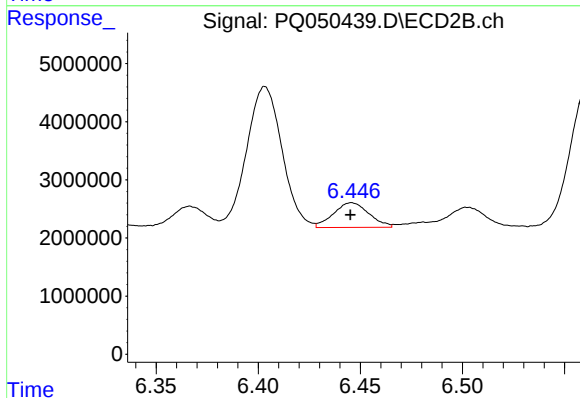
R.T.: 6.024 min
Delta R.T.: 0.001 min
Response: 34274087
Conc: 152.19 ng/ml



#25 AR-1248-5

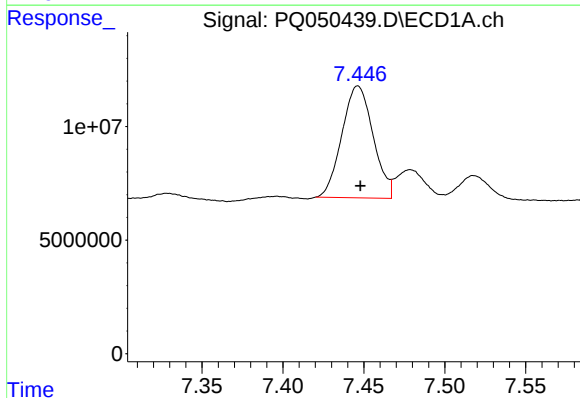
R.T.: 7.518 min
Delta R.T.: -0.001 min
Response: 14277706
Conc: 23.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



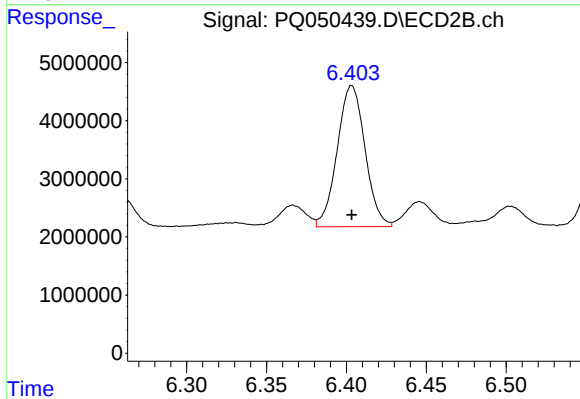
#25 AR-1248-5

R.T.: 6.446 min
Delta R.T.: 0.000 min
Response: 5124903
Conc: 21.33 ng/ml



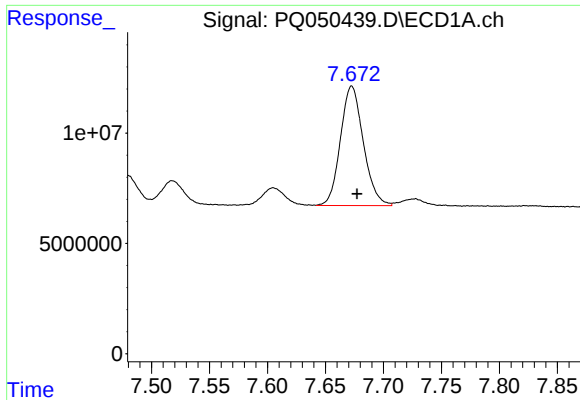
#26 AR-1254-1

R.T.: 7.446 min
Delta R.T.: -0.002 min
Response: 66134633
Conc: 136.05 ng/ml



#26 AR-1254-1

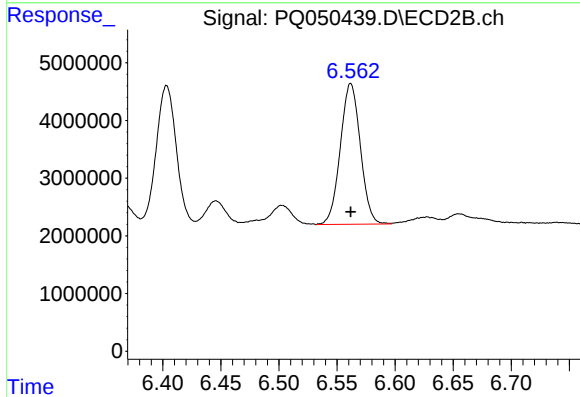
R.T.: 6.403 min
Delta R.T.: 0.000 min
Response: 29417473
Conc: 101.74 ng/ml



#27 AR-1254-2

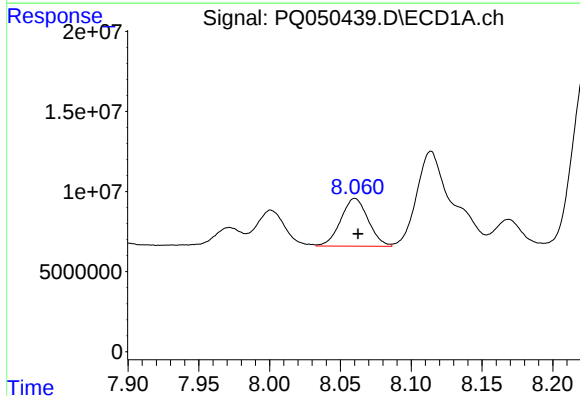
R.T.: 7.673 min
Delta R.T.: -0.004 min
Response: 74581971
Conc: 99.43 ng/ml

Instrument :
ECD_L
ClientSampleId :



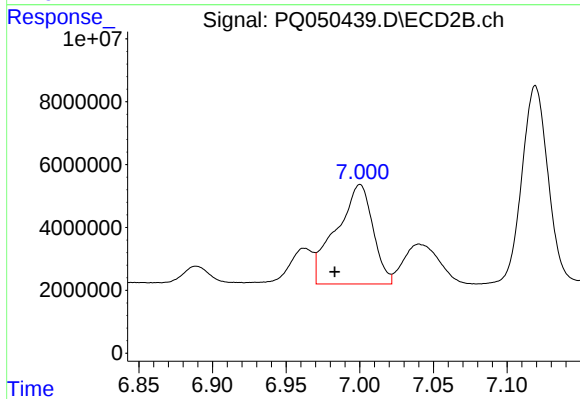
#27 AR-1254-2

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 29292726
Conc: 113.38 ng/ml



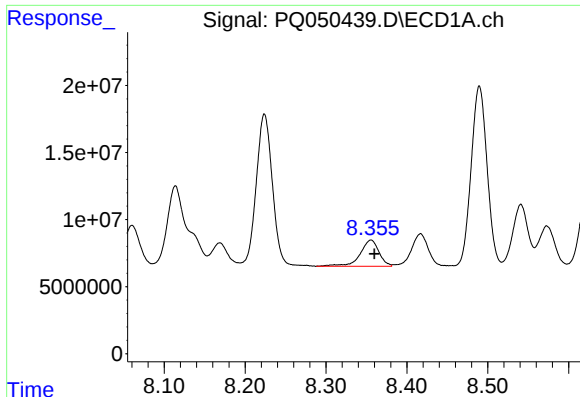
#28 AR-1254-3

R.T.: 8.060 min
Delta R.T.: -0.002 min
Response: 40246113
Conc: 53.06 ng/ml



#28 AR-1254-3

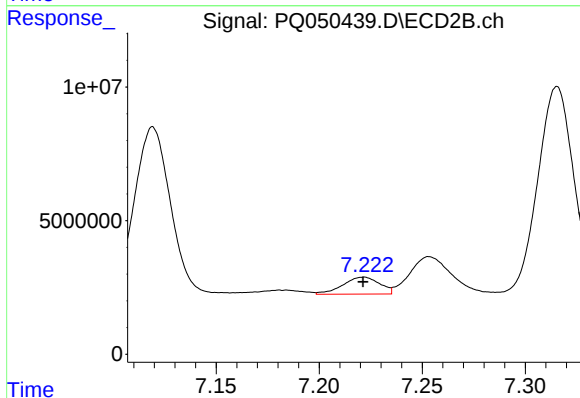
R.T.: 7.000 min
Delta R.T.: 0.017 min
Response: 54695973
Conc: 126.43 ng/ml



#29 AR-1254-4

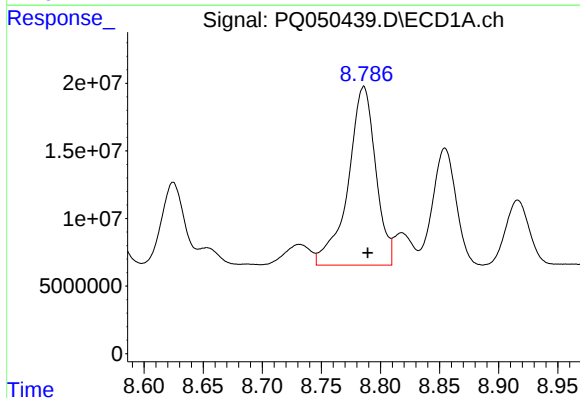
R.T.: 8.356 min
Delta R.T.: -0.004 min
Response: 31901903
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :



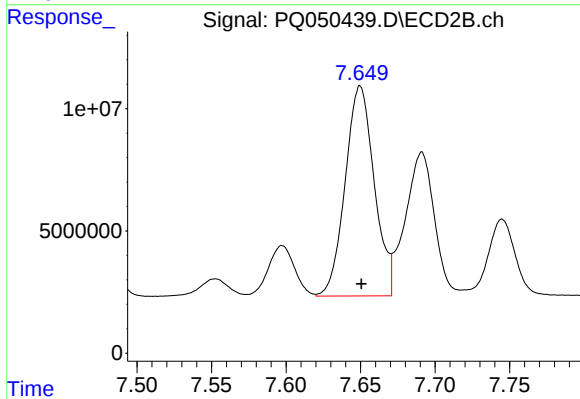
#29 AR-1254-4

R.T.: 7.222 min
Delta R.T.: 0.000 min
Response: 7917569
Conc: 25.33 ng/ml



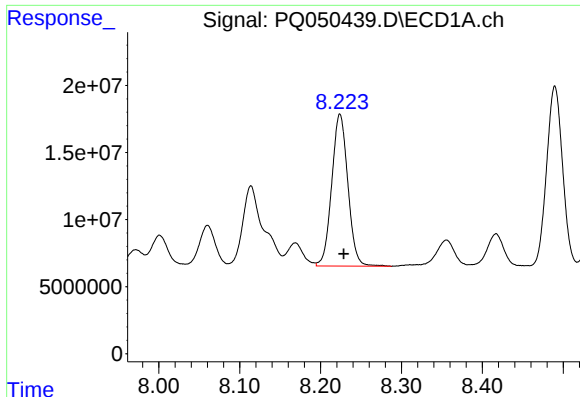
#30 AR-1254-5

R.T.: 8.786 min
Delta R.T.: -0.003 min
Response: 215122393
Conc: 372.11 ng/ml



#30 AR-1254-5

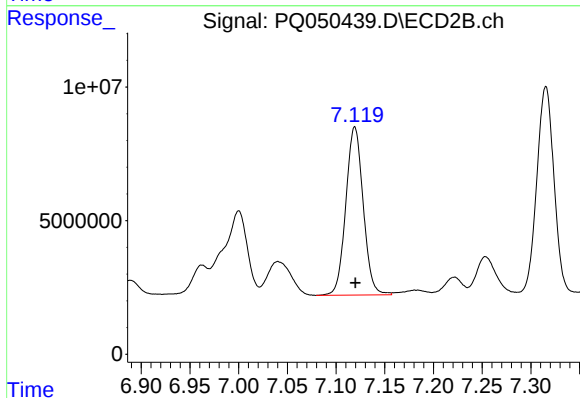
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 116565205
Conc: 279.29 ng/ml



#31 AR-1260-1

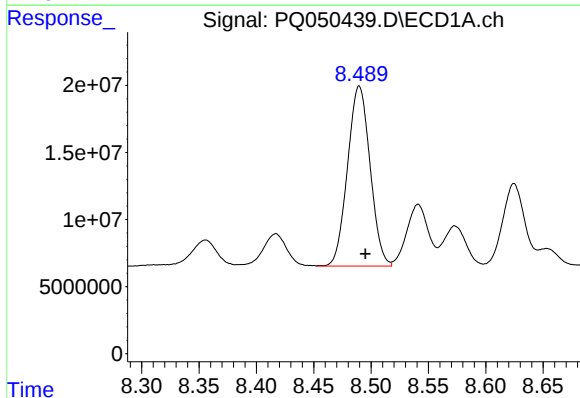
R.T.: 8.224 min
Delta R.T.: -0.005 min
Response: 157293762
Conc: 259.01 ng/ml

Instrument :
ECD_L
ClientSampleId :



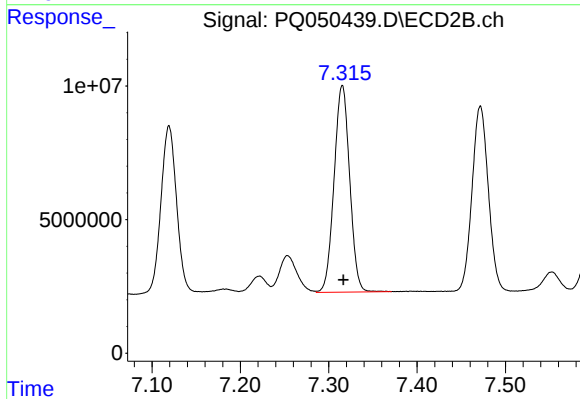
#31 AR-1260-1

R.T.: 7.119 min
Delta R.T.: 0.000 min
Response: 78167999
Conc: 248.28 ng/ml



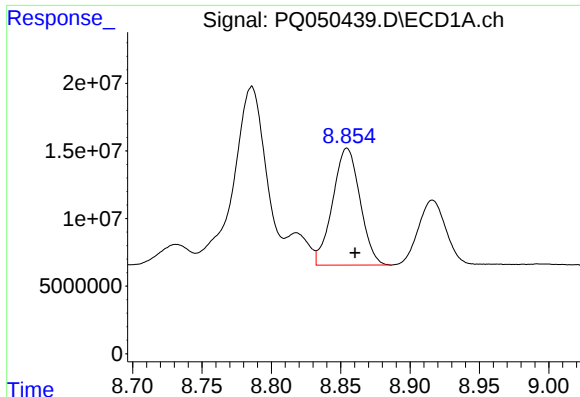
#32 AR-1260-2

R.T.: 8.490 min
Delta R.T.: -0.006 min
Response: 183710130
Conc: 257.65 ng/ml



#32 AR-1260-2

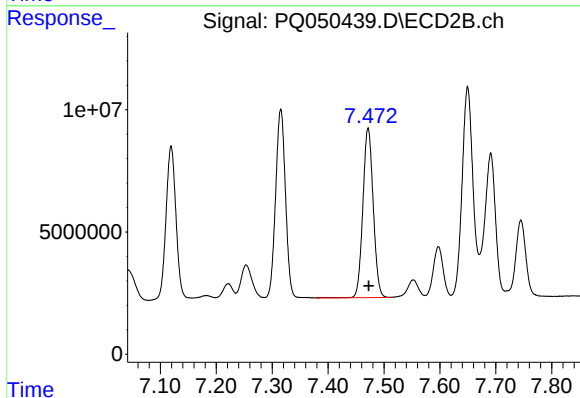
R.T.: 7.315 min
Delta R.T.: -0.001 min
Response: 94990509
Conc: 220.26 ng/ml



#33 AR-1260-3

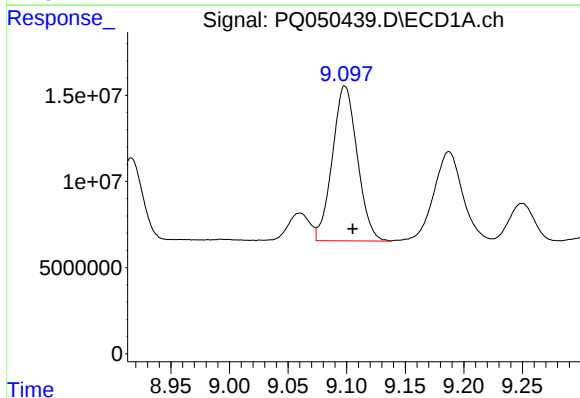
R.T.: 8.855 min
Delta R.T.: -0.006 min
Response: 119028732
Conc: 216.38 ng/ml

Instrument :
ECD_L
ClientSampleId :



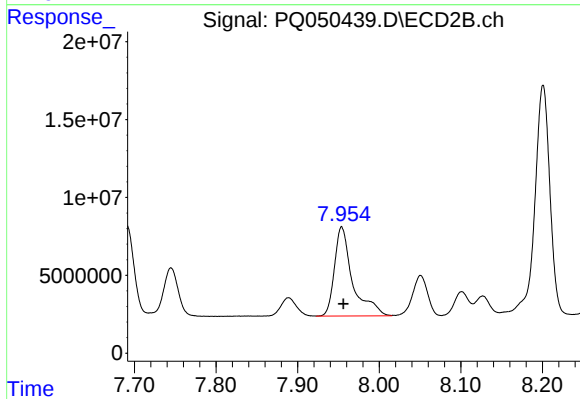
#33 AR-1260-3

R.T.: 7.472 min
Delta R.T.: 0.000 min
Response: 89006803
Conc: 236.88 ng/ml



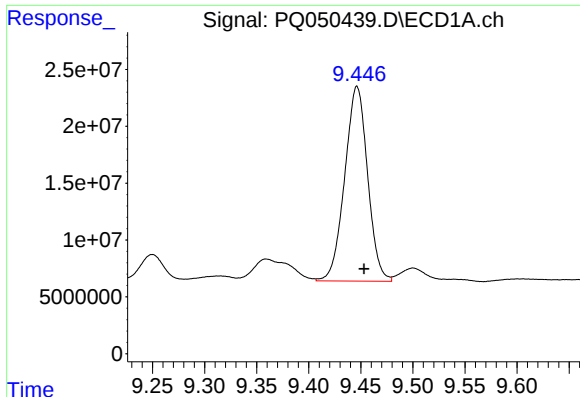
#34 AR-1260-4

R.T.: 9.098 min
Delta R.T.: -0.007 min
Response: 133286467
Conc: 230.07 ng/ml



#34 AR-1260-4

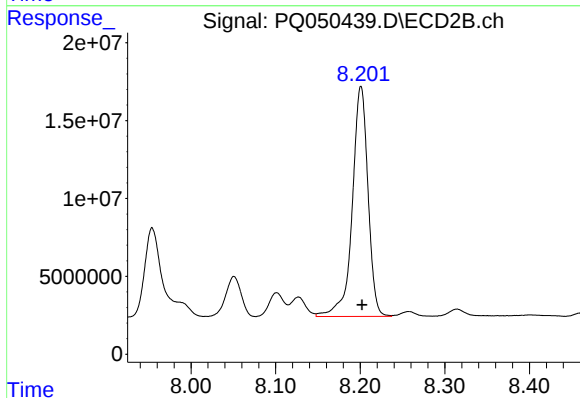
R.T.: 7.954 min
Delta R.T.: -0.002 min
Response: 88472796
Conc: 261.90 ng/ml



#35 AR-1260-5

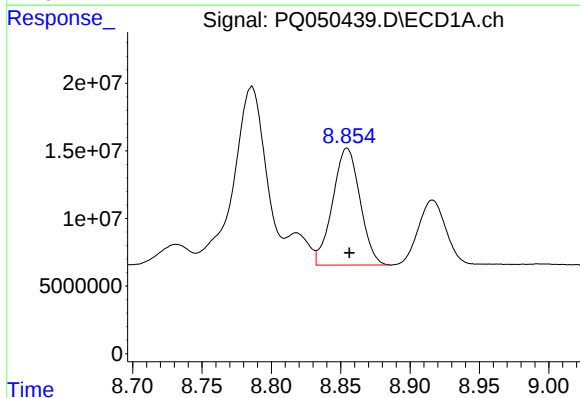
R.T.: 9.446 min
Delta R.T.: -0.007 min
Response: 262051163
Conc: 226.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



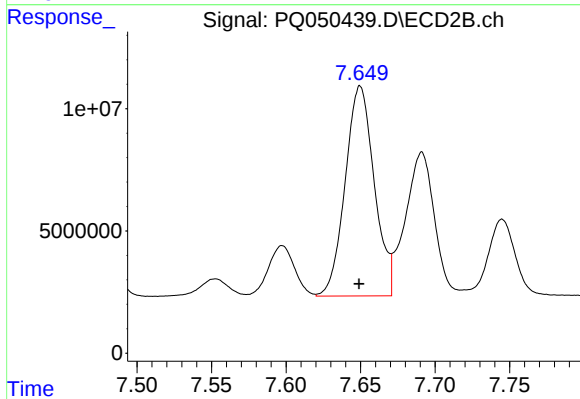
#35 AR-1260-5

R.T.: 8.201 min
Delta R.T.: -0.001 min
Response: 191039676
Conc: 200.45 ng/ml



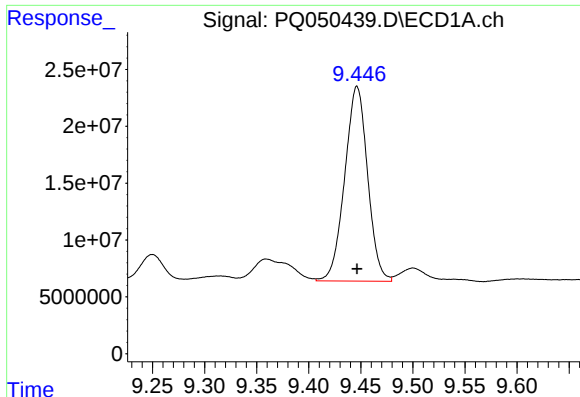
#36 AR-1262-1

R.T.: 8.855 min
Delta R.T.: -0.002 min
Response: 119028732
Conc: 168.86 ng/ml



#36 AR-1262-1

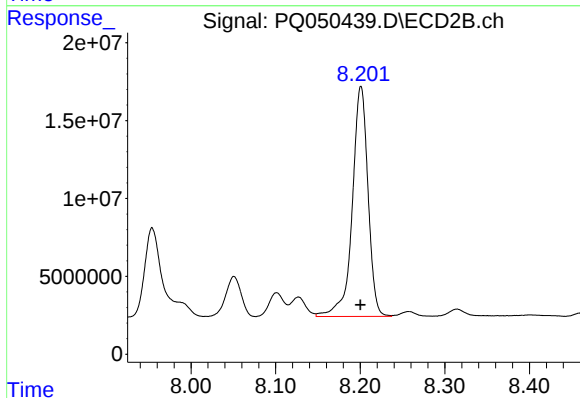
R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 116565205
Conc: 510.02 ng/ml



#37 AR-1262-2

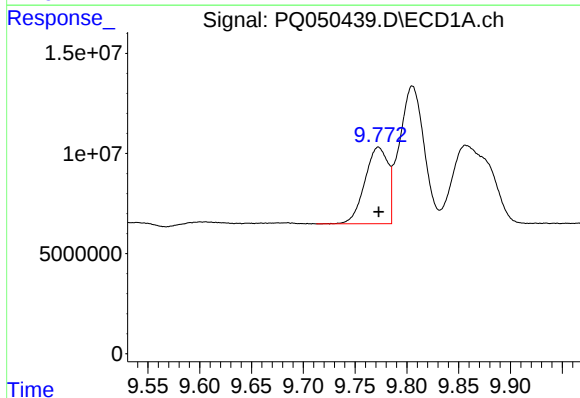
R.T.: 9.446 min
Delta R.T.: 0.000 min
Response: 262051163
Conc: 225.40 ng/ml

Instrument :
ECD_L
ClientSampleId :



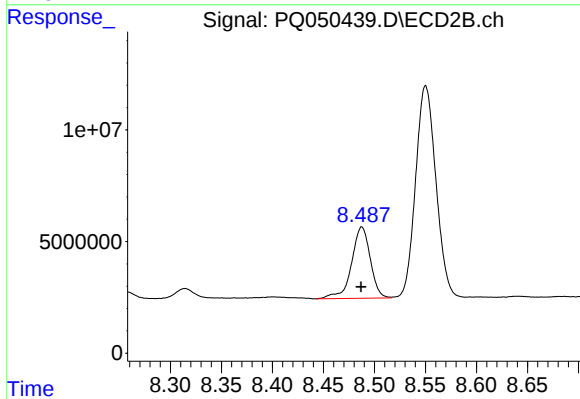
#37 AR-1262-2

R.T.: 8.201 min
Delta R.T.: 0.000 min
Response: 191039676
Conc: 201.30 ng/ml



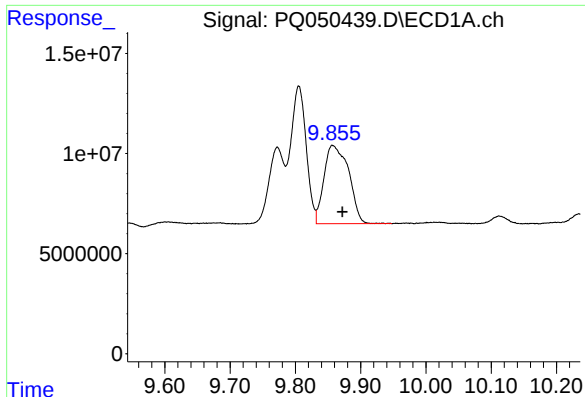
#38 AR-1262-3

R.T.: 9.772 min
Delta R.T.: 0.000 min
Response: 59607344
Conc: 111.20 ng/ml



#38 AR-1262-3

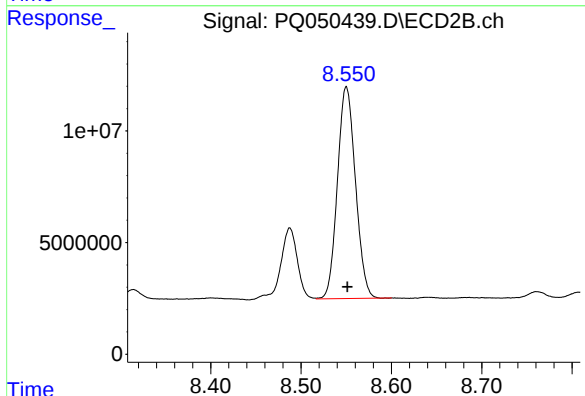
R.T.: 8.488 min
Delta R.T.: 0.000 min
Response: 40893149
Conc: 103.98 ng/ml



#39 AR-1262-4

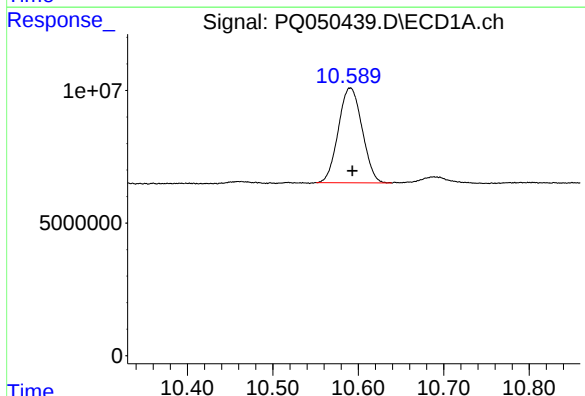
R.T.: 9.857 min
Delta R.T.: -0.015 min
Response: 102757732
Conc: 160.85 ng/ml

Instrument :
ECD_L
ClientSampleId :



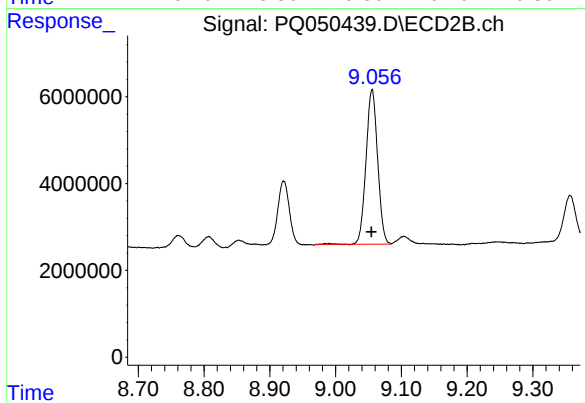
#39 AR-1262-4

R.T.: 8.550 min
Delta R.T.: 0.000 min
Response: 131398258
Conc: 191.72 ng/ml



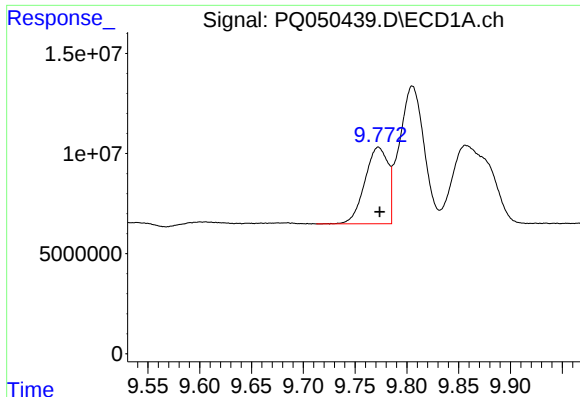
#40 AR-1262-5

R.T.: 10.591 min
Delta R.T.: -0.002 min
Response: 69073346
Conc: 155.89 ng/ml



#40 AR-1262-5

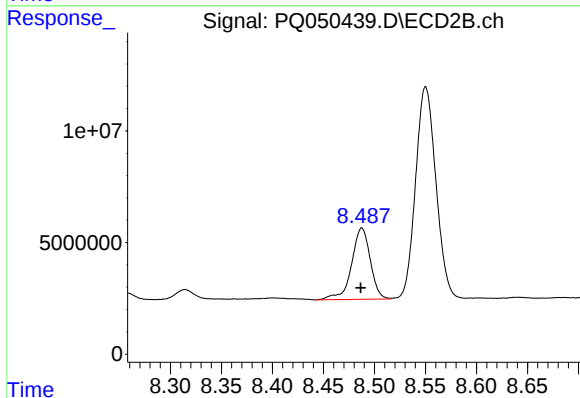
R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 43769291
Conc: 126.86 ng/ml



#41 AR-1268-1

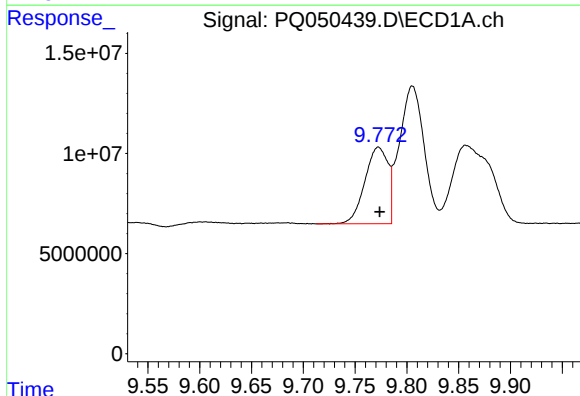
R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 59607344
Conc: 44.96 ng/ml

Instrument :
ECD_L
ClientSampleId :



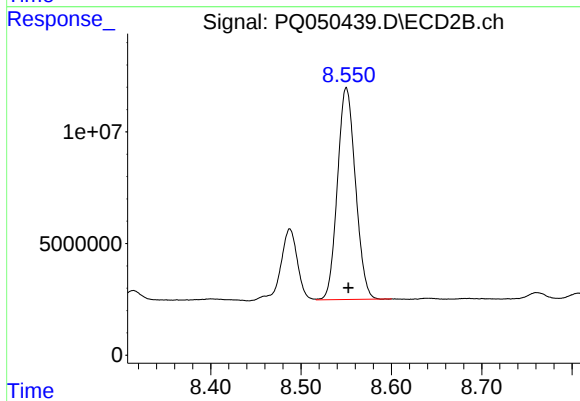
#41 AR-1268-1

R.T.: 8.488 min
Delta R.T.: 0.001 min
Response: 40893149
Conc: 36.22 ng/ml



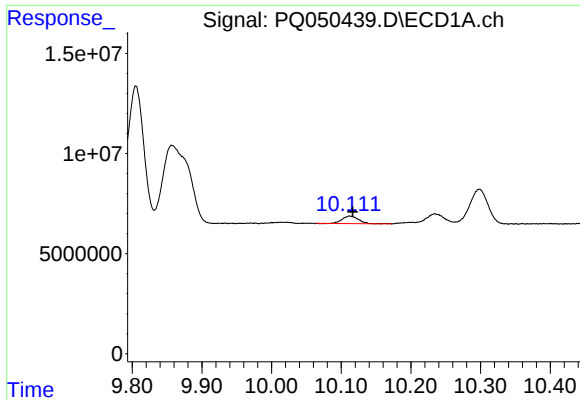
#42 AR-1268-2

R.T.: 9.772 min
Delta R.T.: -0.001 min
Response: 59607344
Conc: 44.96 ng/ml



#42 AR-1268-2

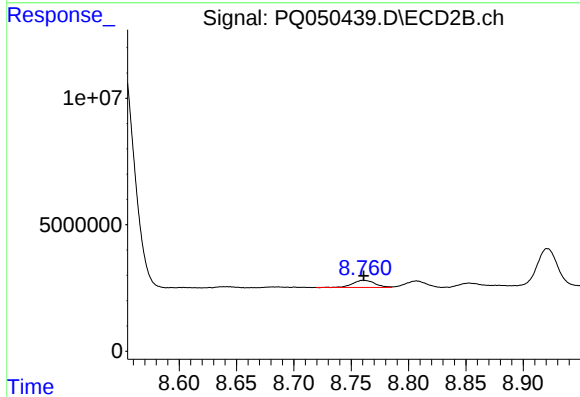
R.T.: 8.550 min
Delta R.T.: -0.002 min
Response: 131398258
Conc: 132.48 ng/ml



#43 AR-1268-3

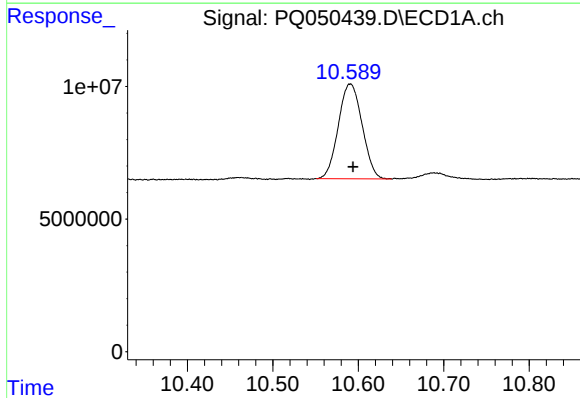
R.T.: 10.112 min
Delta R.T.: -0.004 min
Response: 6278650
Conc: 6.11 ng/ml

Instrument :
ECD_L
ClientSampleId :



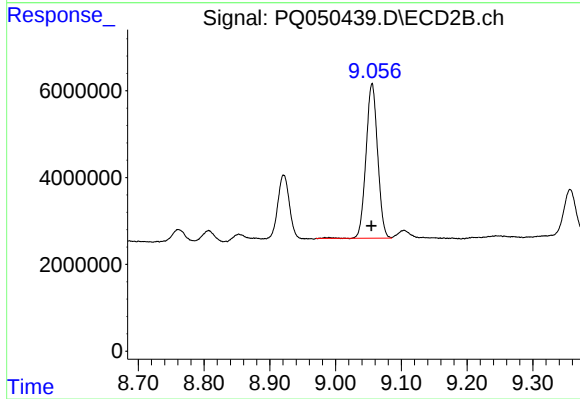
#43 AR-1268-3

R.T.: 8.761 min
Delta R.T.: 0.000 min
Response: 3819138
Conc: 4.53 ng/ml



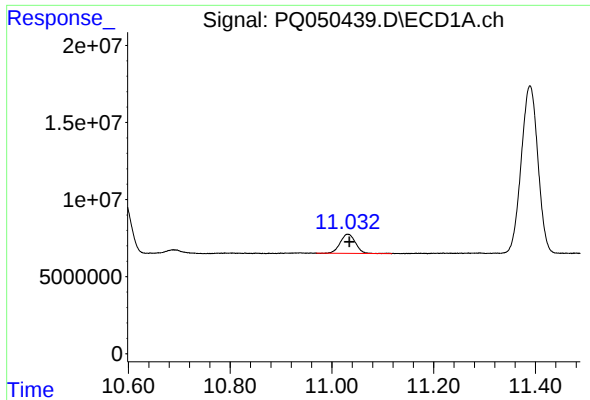
#44 AR-1268-4

R.T.: 10.591 min
Delta R.T.: -0.003 min
Response: 69073346
Conc: 142.98 ng/ml



#44 AR-1268-4

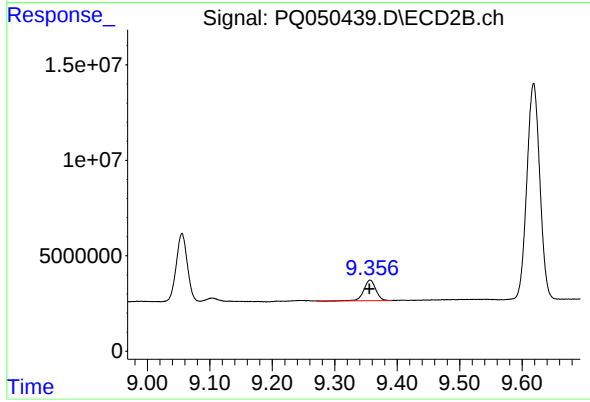
R.T.: 9.056 min
Delta R.T.: 0.001 min
Response: 43769291
Conc: 115.70 ng/ml



#45 AR-1268-5

R.T.: 11.031 min
Delta R.T.: -0.003 min
Response: 26055295
Conc: 8.90 ng/ml

Instrument :
ECD_L
ClientSampleId :



#45 AR-1268-5

R.T.: 9.357 min
Delta R.T.: 0.001 min
Response: 14207730
Conc: 5.45 ng/ml