

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122820\
 Data File : PR049146.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Dec 2020 19:54
 Operator : DD\AJ
 Sample : PR122820ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:38:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Dec 29 01:37:35 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...	4.669	3.855	123.5E6	171.1E6	50.615	51.128
2)	SA Decachlor...	10.558	8.899	121.6E6	426.1E6	49.529	49.806
Target Compounds							
3)	L1 AR-1016-1	5.844	4.937	48646015	40096610	502.072	526.896
4)	L1 AR-1016-2	5.867	4.956	67826274	75916420	493.891	499.529
5)	L1 AR-1016-3	5.930	5.132	41239406	45273176	498.055	506.438
6)	L1 AR-1016-4	6.029	5.172	34102605	19797740	495.568	501.370
7)	L1 AR-1016-5	6.324	5.387	33995306	31635830	508.472	490.717
8)	L2 AR-1221-1	4.874	4.063	4301018	4396757	140.926	131.328
9)	L2 AR-1221-2	4.965	4.151	6190271	8411768	274.097	278.072
10)	L2 AR-1221-3	5.043	4.226	23387109	30604863	341.836	330.529
11)	L3 AR-1232-1	5.043	4.226	23387109	30604863	403.433	392.613
12)	L3 AR-1232-2	5.576	4.956	31998611	75916420	1052.605	1107.078
13)	L3 AR-1232-3	5.867	5.132	67826274	45273176	1118.702	1150.540
14)	L3 AR-1232-4	6.029	5.215	34102605	26992924	1114.456	1301.907
15)	L3 AR-1232-5	6.117	5.387	30645104	31635830	1284.403	1284.464
16)	L4 AR-1242-1	5.844	4.937	48646015	40096610	678.717	691.894
17)	L4 AR-1242-2	5.867	4.956	67826274	75916420	657.188	658.282
18)	L4 AR-1242-3	5.930	5.132	41239406	45273176	654.867	659.847
19)	L4 AR-1242-4	6.029	5.215	34102605	26992924	657.084	658.036
20)	L4 AR-1242-5	6.768	5.738	5595096	21458466	95.718	324.920 #
21)	L5 AR-1248-1	5.844	4.937	48646015	40096610	849.085	867.509
22)	L5 AR-1248-2	6.117	5.172	30645104	19797740	388.819	383.856
23)	L5 AR-1248-3	6.324	5.215	33995306	26992924	397.413	437.947
24)	L5 AR-1248-4	6.727	5.387	6539581	31635830	63.440	395.299 #
25)	L5 AR-1248-5	6.768	5.779	5595096	5381700	57.146	46.994
26)	L6 AR-1254-1	6.702	5.738	23996115	21458466	224.079	162.140 #
27)	L6 AR-1254-2	6.918	5.885	25900546	24054423	158.557	182.366
28)	L6 AR-1254-3	7.290	6.304	14598039	76931036	87.818	293.446 #
29)	L6 AR-1254-4	7.576	6.518	10892027	17566995	83.793	49.368 #
30)	L6 AR-1254-5	7.994	6.934	77563879	204.5E6	590.694	474.394
31)	L7 AR-1260-1	7.452	6.420	56815188	66592878	490.671	486.278
32)	L7 AR-1260-2	7.707	6.607	69747881	235.0E6	478.092	521.370
33)	L7 AR-1260-3	8.068	6.761	52418803	141.1E6	485.249	482.680
34)	L7 AR-1260-4	8.306	7.234	59006470	164.4E6	492.643	508.877
35)	L7 AR-1260-5	8.642	7.476	120.6E6	677.6E6	493.653	507.424
36)	L8 AR-1262-1	8.068	6.934	52418803	204.5E6	339.542	891.443 #
37)	L8 AR-1262-2	8.642	7.476	120.6E6	677.6E6	446.219	461.158
38)	L8 AR-1262-3	8.990f	7.761	79265116	147.9E6	423.255	259.533 #
39)	L8 AR-1262-4	9.045f	7.825	52367827	424.0E6	357.110	451.975 #
40)	L8 AR-1262-5	9.759	8.330	39802522	156.6E6	378.708	367.368
41)	L9 AR-1268-1	8.990f	7.761	79265116	147.9E6	249.615	87.931 #

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 Acq On : 28 Dec 2020 19:54
 Operator : DD\AJ
 Sample : PR122820ICV500
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

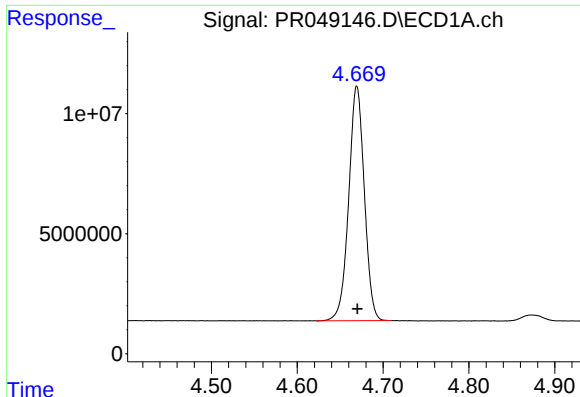
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 29 01:38:19 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR122820.M
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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
42) L9	AR-1268-2	9.045f	7.825	52367827	424.0E6	175.325	302.041 #
43) L9	AR-1268-3	9.307	8.033	2100987	6547413	8.112	5.256 #
44) L9	AR-1268-4	9.759	8.330	39802522	156.6E6	347.517	329.466
45) L9	AR-1268-5	10.201	8.634	12519469	36868429	14.568	10.211 #

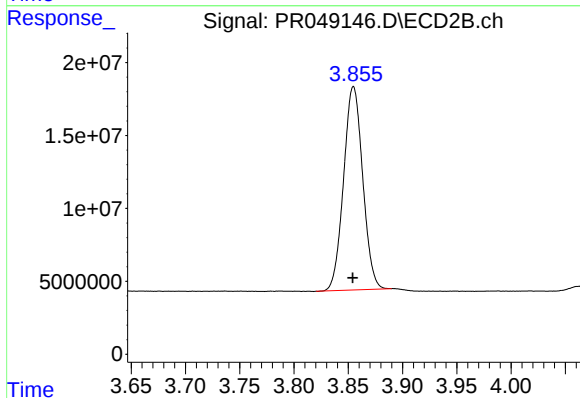
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

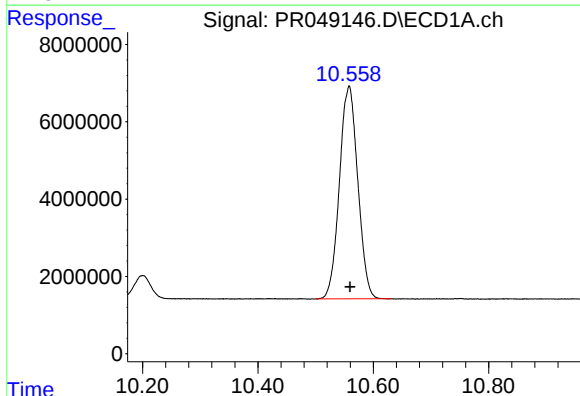
R.T.: 4.669 min
Delta R.T.: 0.000 min
Response: 123520297
Conc: 50.61 ng/ml

Instrument :
ECD_R
ClientSampleId :



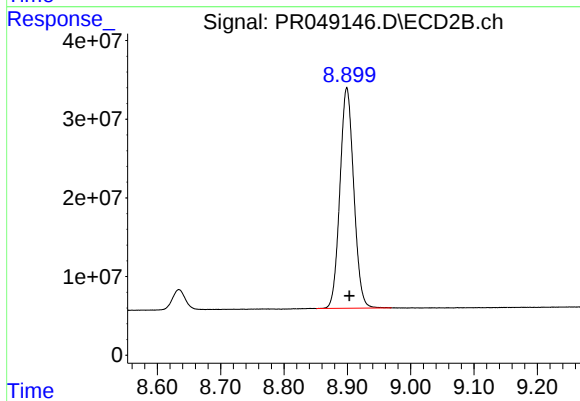
#1 Tetrachloro-m-xylene

R.T.: 3.855 min
Delta R.T.: 0.000 min
Response: 171119240
Conc: 51.13 ng/ml



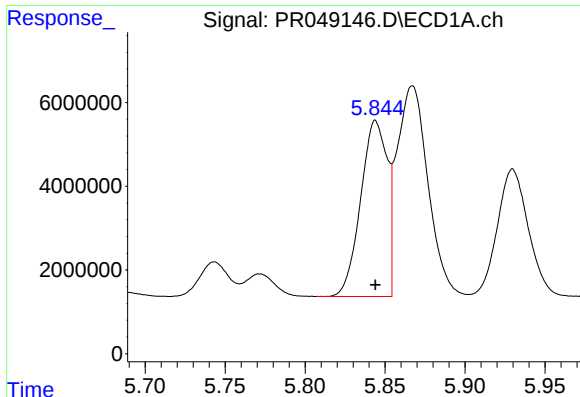
#2 Decachlorobiphenyl

R.T.: 10.558 min
Delta R.T.: -0.002 min
Response: 121629208
Conc: 49.53 ng/ml



#2 Decachlorobiphenyl

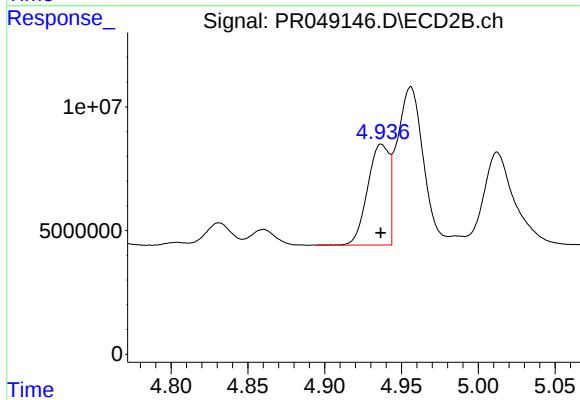
R.T.: 8.899 min
Delta R.T.: -0.004 min
Response: 426088115
Conc: 49.81 ng/ml



#3 AR-1016-1

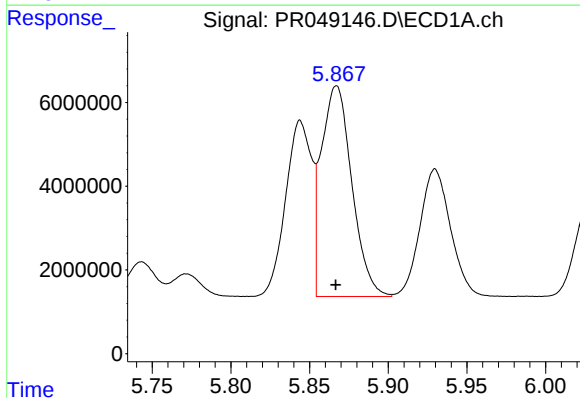
R.T.: 5.844 min
Delta R.T.: 0.000 min
Response: 48646015
Conc: 502.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



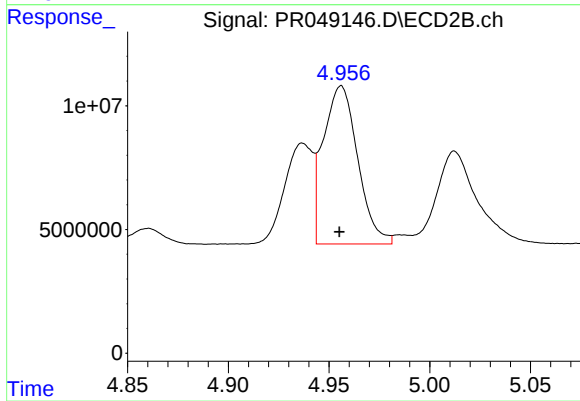
#3 AR-1016-1

R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 40096610
Conc: 526.90 ng/ml



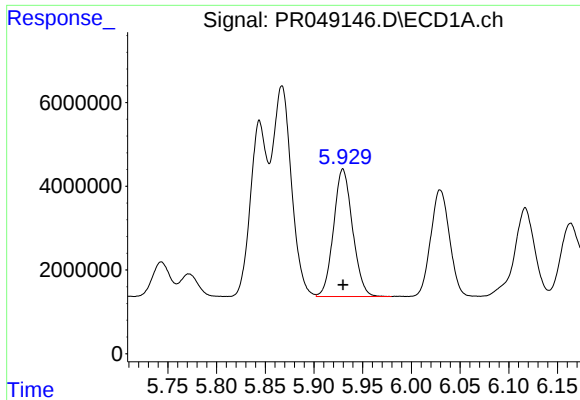
#4 AR-1016-2

R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 67826274
Conc: 493.89 ng/ml



#4 AR-1016-2

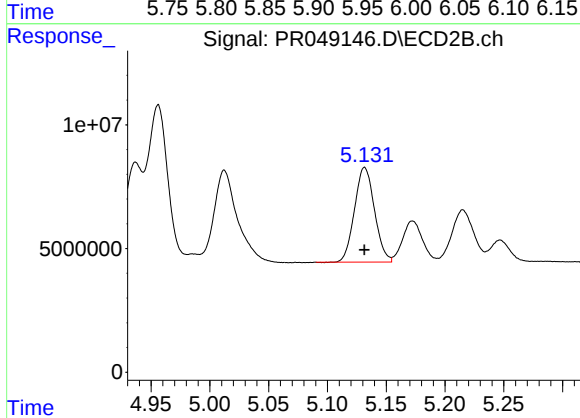
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 75916420
Conc: 499.53 ng/ml



#5 AR-1016-3

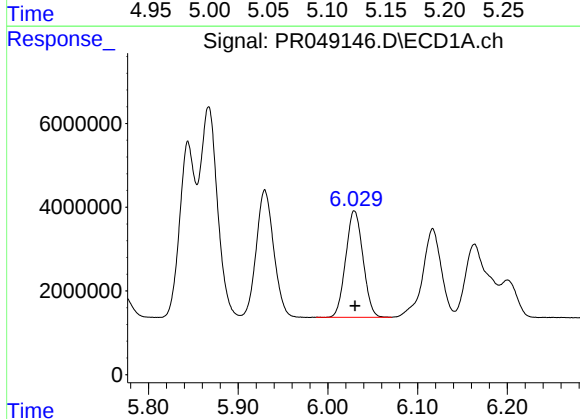
R.T.: 5.930 min
Delta R.T.: 0.000 min
Response: 41239406
Conc: 498.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



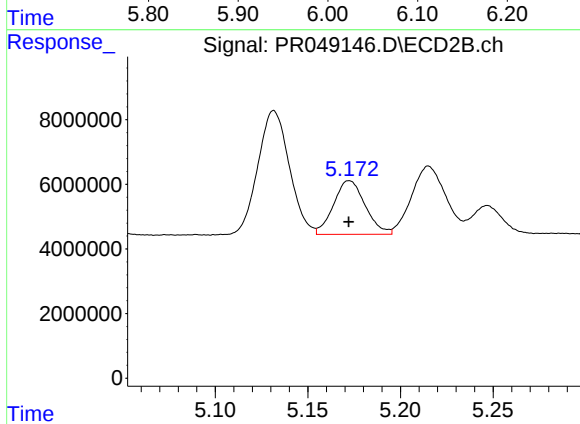
#5 AR-1016-3

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 45273176
Conc: 506.44 ng/ml



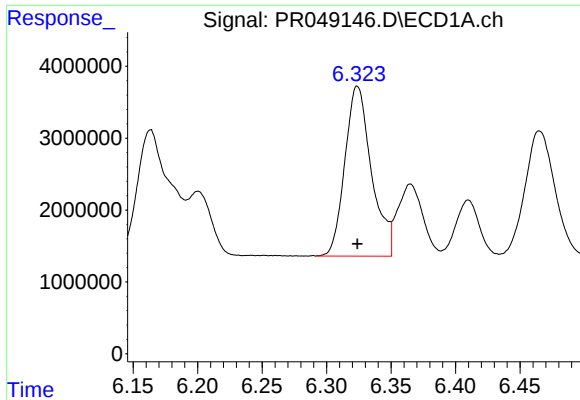
#6 AR-1016-4

R.T.: 6.029 min
Delta R.T.: -0.001 min
Response: 34102605
Conc: 495.57 ng/ml



#6 AR-1016-4

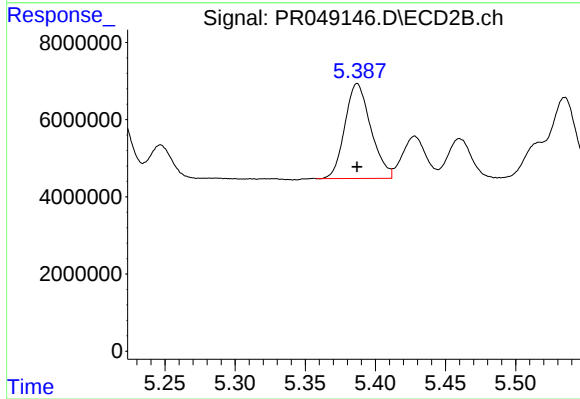
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19797740
Conc: 501.37 ng/ml



#7 AR-1016-5

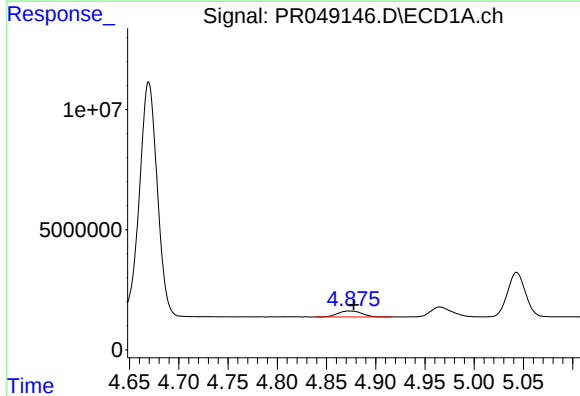
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 33995306
Conc: 508.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



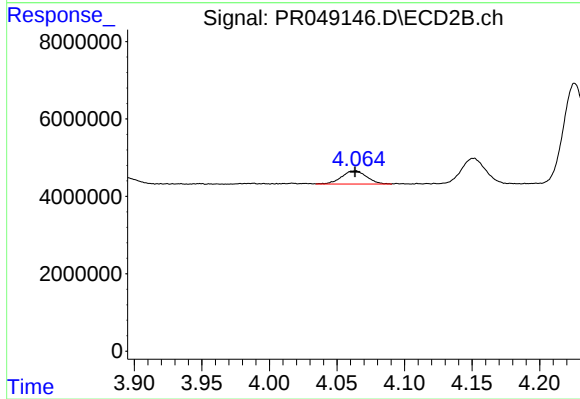
#7 AR-1016-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 31635830
Conc: 490.72 ng/ml



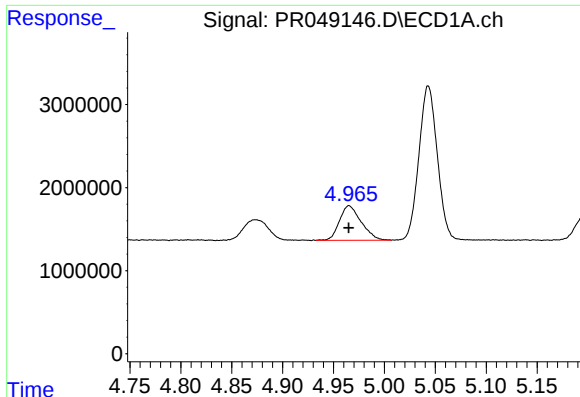
#8 AR-1221-1

R.T.: 4.874 min
Delta R.T.: -0.004 min
Response: 4301018
Conc: 140.93 ng/ml



#8 AR-1221-1

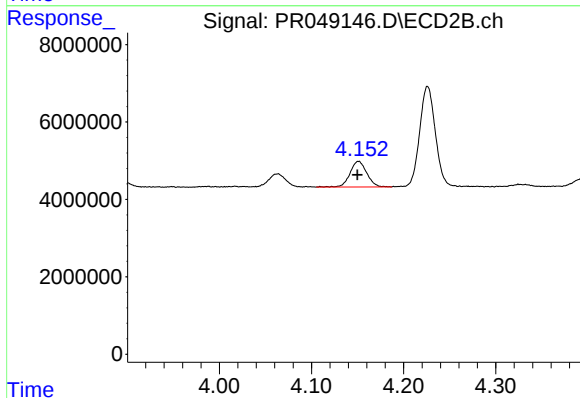
R.T.: 4.063 min
Delta R.T.: 0.000 min
Response: 4396757
Conc: 131.33 ng/ml



#9 AR-1221-2

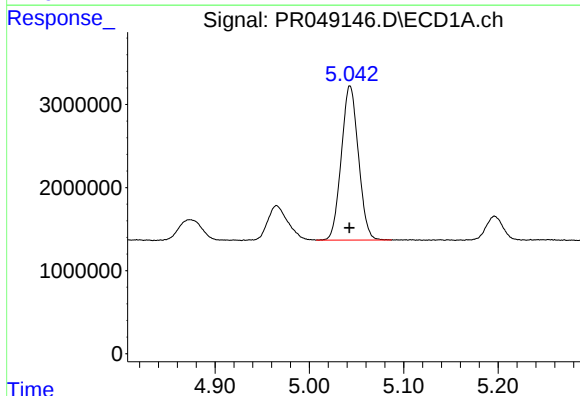
R.T.: 4.965 min
Delta R.T.: 0.000 min
Response: 6190271
Conc: 274.10 ng/ml

Instrument :
ECD_R
ClientSampleId :



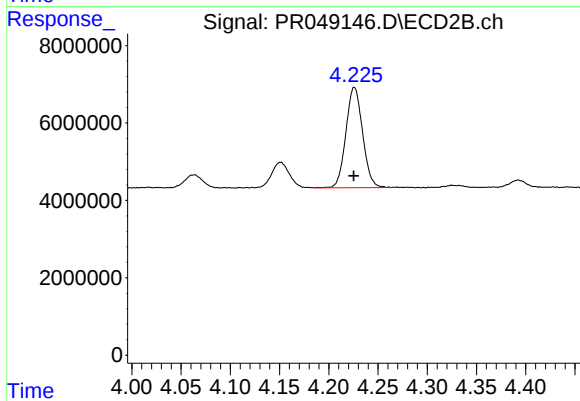
#9 AR-1221-2

R.T.: 4.151 min
Delta R.T.: 0.001 min
Response: 8411768
Conc: 278.07 ng/ml



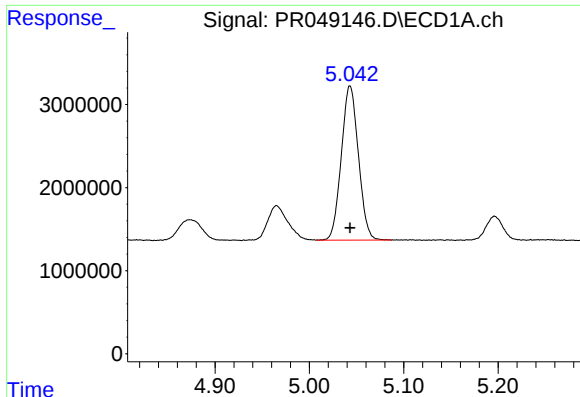
#10 AR-1221-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 23387109
Conc: 341.84 ng/ml



#10 AR-1221-3

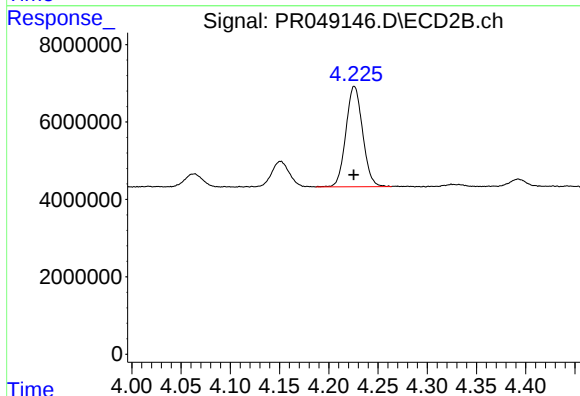
R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 30604863
Conc: 330.53 ng/ml



#11 AR-1232-1

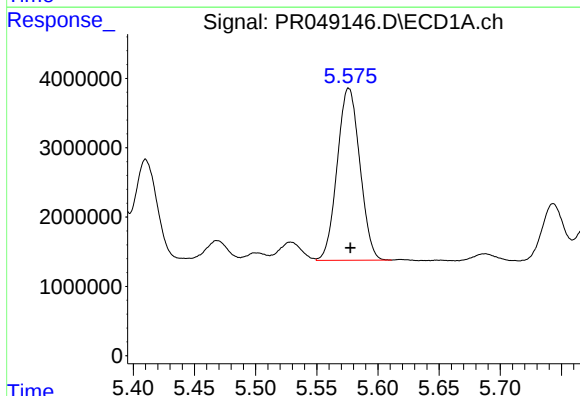
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 23387109
Conc: 403.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



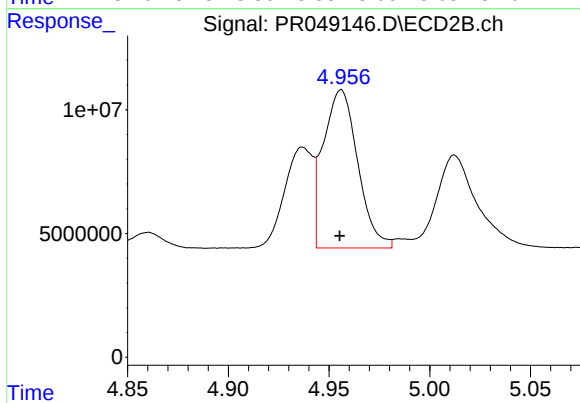
#11 AR-1232-1

R.T.: 4.226 min
Delta R.T.: 0.000 min
Response: 30604863
Conc: 392.61 ng/ml



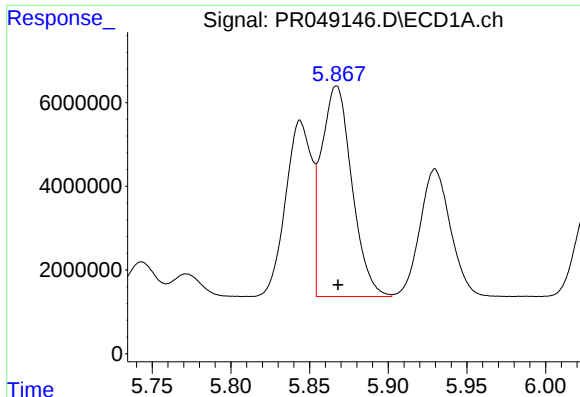
#12 AR-1232-2

R.T.: 5.576 min
Delta R.T.: -0.001 min
Response: 31998611
Conc: 1052.60 ng/ml



#12 AR-1232-2

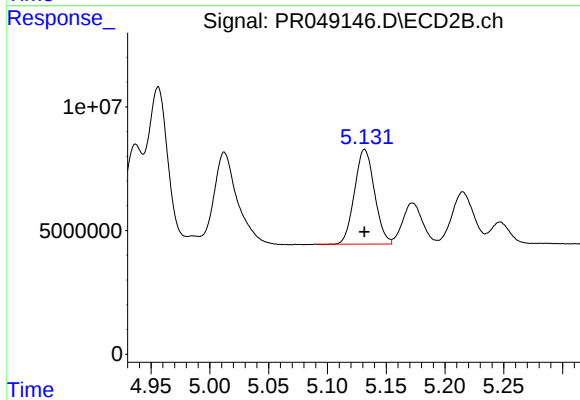
R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 75916420
Conc: 1107.08 ng/ml



#13 AR-1232-3

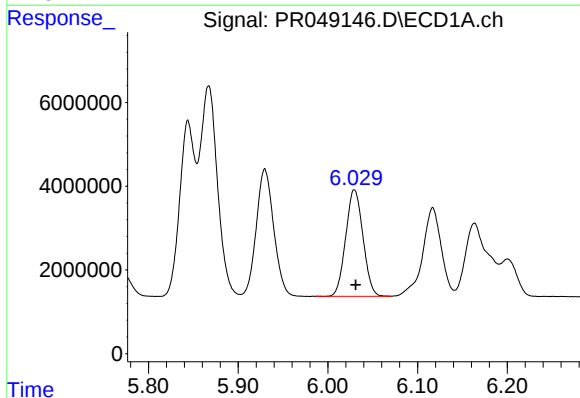
R.T.: 5.867 min
Delta R.T.: 0.000 min
Response: 67826274
Conc: 1118.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



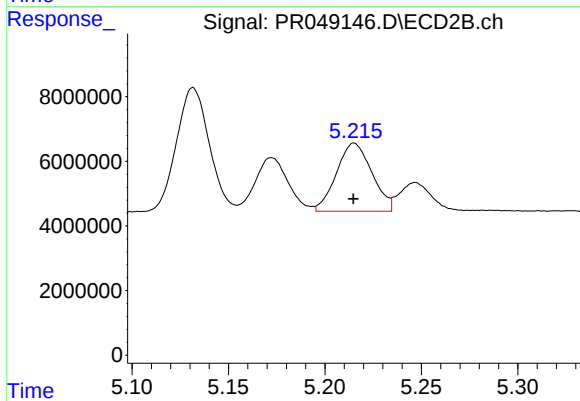
#13 AR-1232-3

R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 45273176
Conc: 1150.54 ng/ml



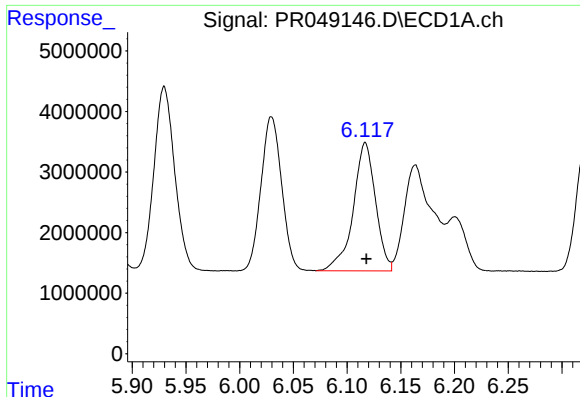
#14 AR-1232-4

R.T.: 6.029 min
Delta R.T.: -0.002 min
Response: 34102605
Conc: 1114.46 ng/ml



#14 AR-1232-4

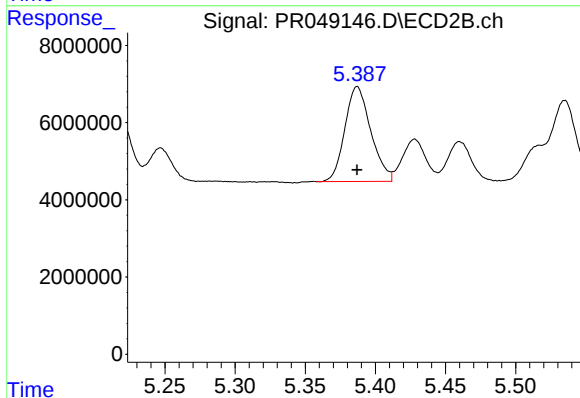
R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 26992924
Conc: 1301.91 ng/ml



#15 AR-1232-5

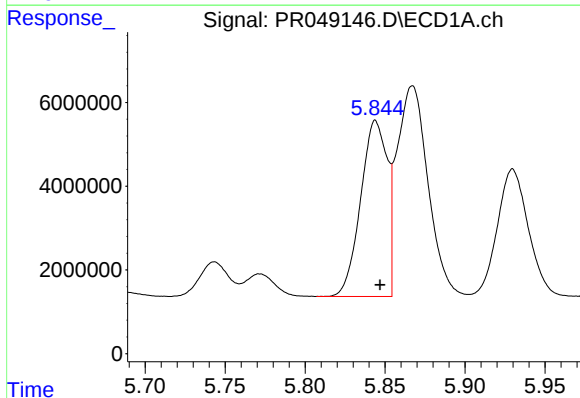
R.T.: 6.117 min
Delta R.T.: -0.001 min
Response: 30645104
Conc: 1284.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



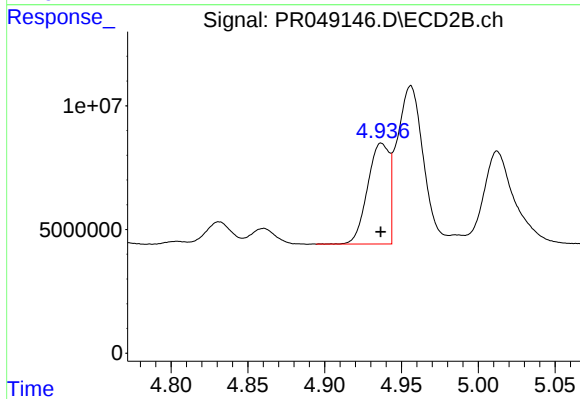
#15 AR-1232-5

R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 31635830
Conc: 1284.46 ng/ml



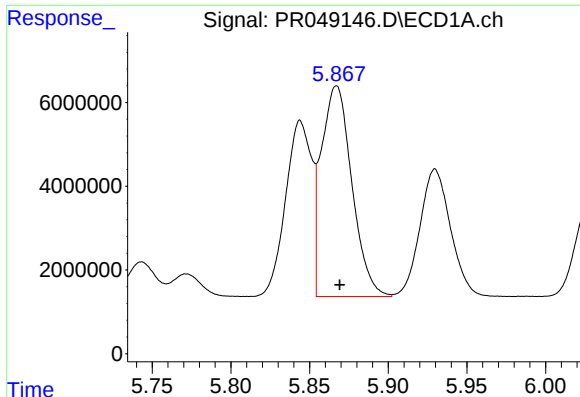
#16 AR-1242-1

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 48646015
Conc: 678.72 ng/ml



#16 AR-1242-1

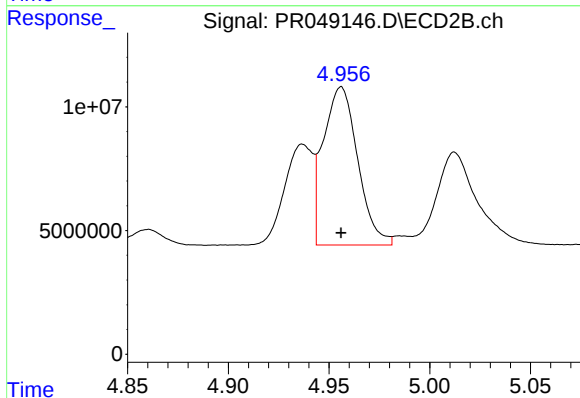
R.T.: 4.937 min
Delta R.T.: 0.000 min
Response: 40096610
Conc: 691.89 ng/ml



#17 AR-1242-2

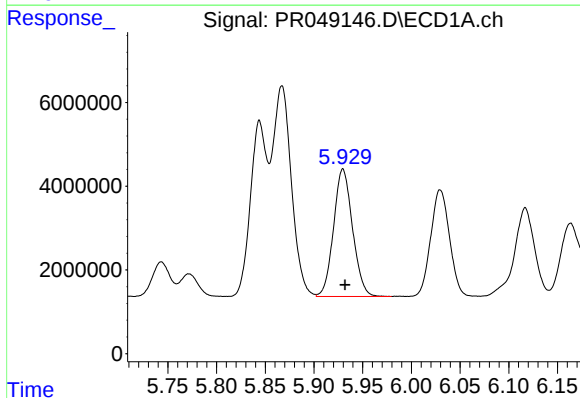
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 67826274
Conc: 657.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



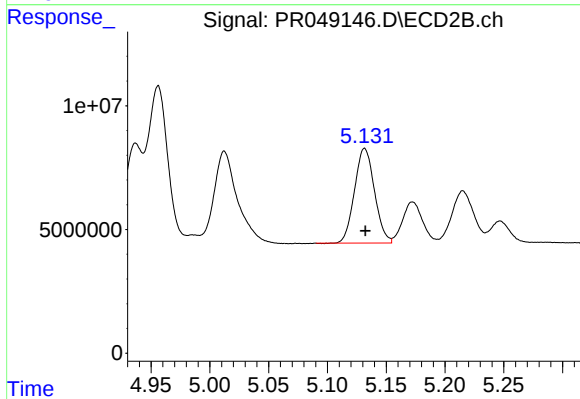
#17 AR-1242-2

R.T.: 4.956 min
Delta R.T.: 0.000 min
Response: 75916420
Conc: 658.28 ng/ml



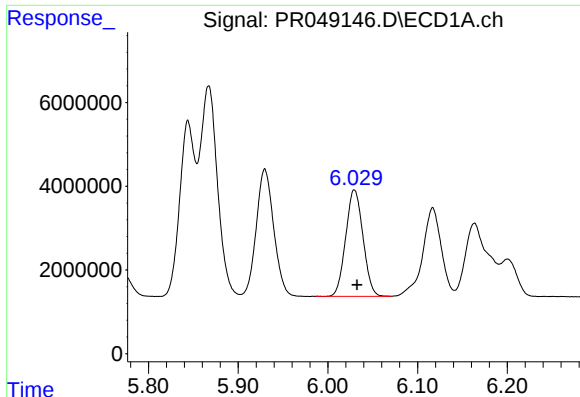
#18 AR-1242-3

R.T.: 5.930 min
Delta R.T.: -0.002 min
Response: 41239406
Conc: 654.87 ng/ml



#18 AR-1242-3

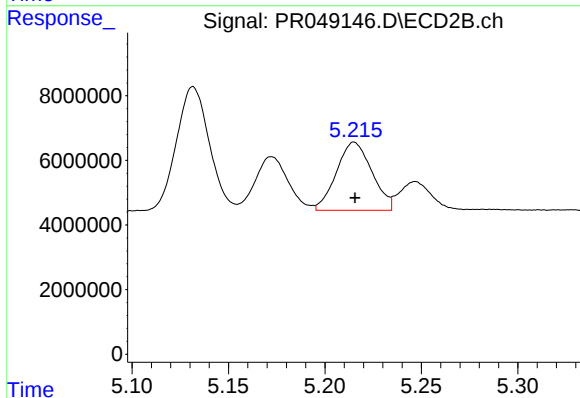
R.T.: 5.132 min
Delta R.T.: 0.000 min
Response: 45273176
Conc: 659.85 ng/ml



#19 AR-1242-4

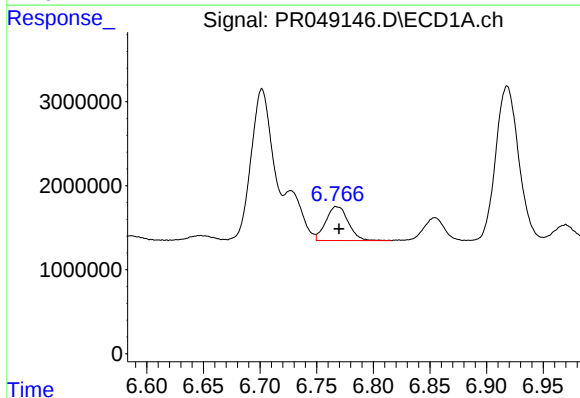
R.T.: 6.029 min
Delta R.T.: -0.003 min
Response: 34102605
Conc: 657.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



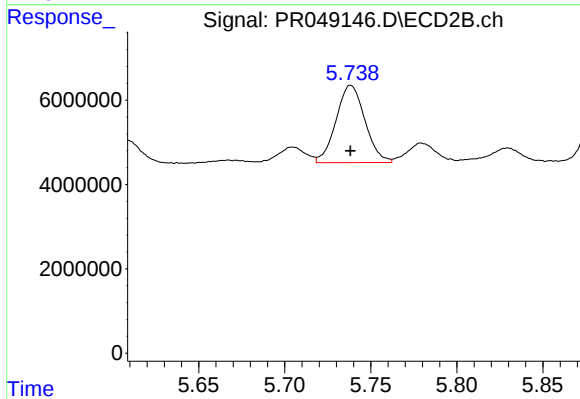
#19 AR-1242-4

R.T.: 5.215 min
Delta R.T.: 0.000 min
Response: 26992924
Conc: 658.04 ng/ml



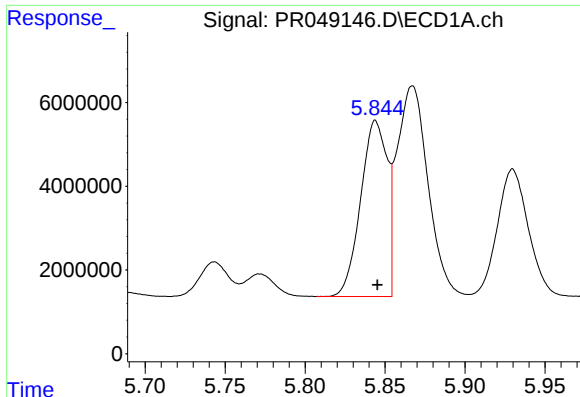
#20 AR-1242-5

R.T.: 6.768 min
Delta R.T.: -0.002 min
Response: 5595096
Conc: 95.72 ng/ml



#20 AR-1242-5

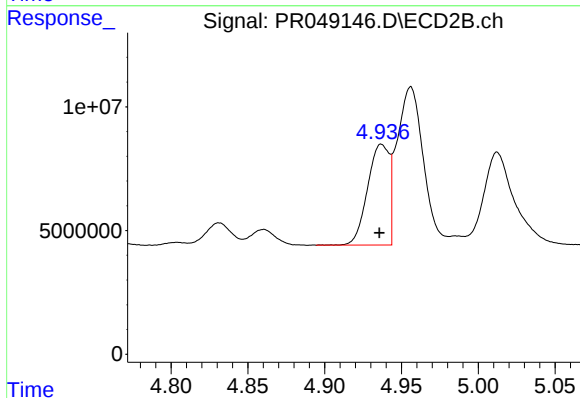
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 21458466
Conc: 324.92 ng/ml



#21 AR-1248-1

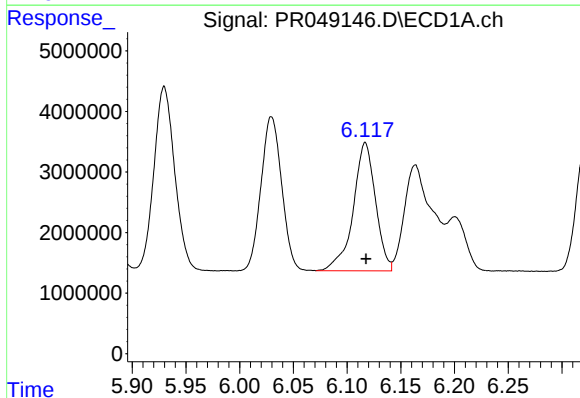
R.T.: 5.844 min
Delta R.T.: -0.001 min
Response: 48646015
Conc: 849.08 ng/ml

Instrument :
ECD_R
ClientSampleId :



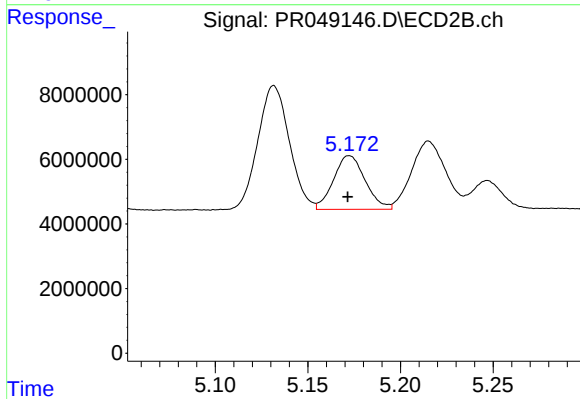
#21 AR-1248-1

R.T.: 4.937 min
Delta R.T.: 0.001 min
Response: 40096610
Conc: 867.51 ng/ml



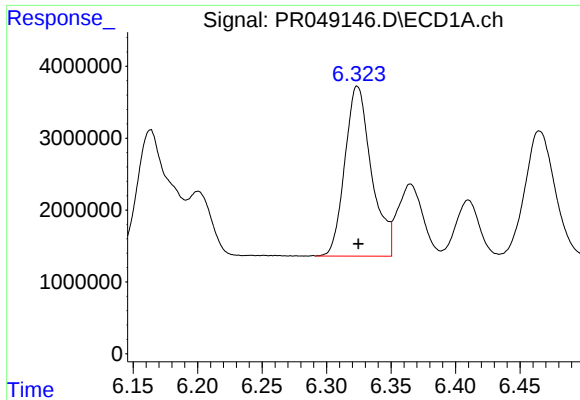
#22 AR-1248-2

R.T.: 6.117 min
Delta R.T.: 0.000 min
Response: 30645104
Conc: 388.82 ng/ml



#22 AR-1248-2

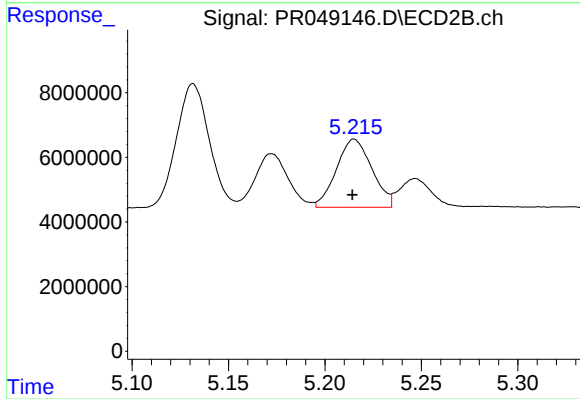
R.T.: 5.172 min
Delta R.T.: 0.000 min
Response: 19797740
Conc: 383.86 ng/ml



#23 AR-1248-3

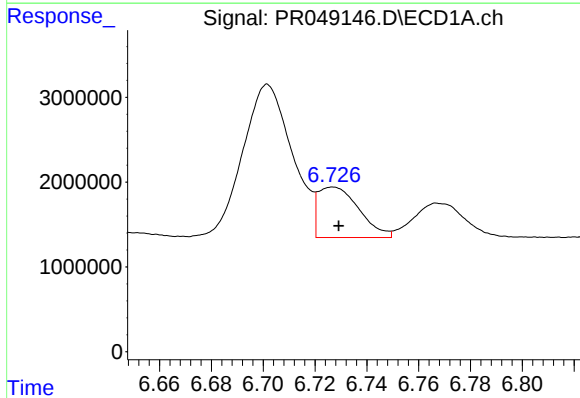
R.T.: 6.324 min
Delta R.T.: 0.000 min
Response: 33995306
Conc: 397.41 ng/ml

Instrument :
ECD_R
ClientSampleId :



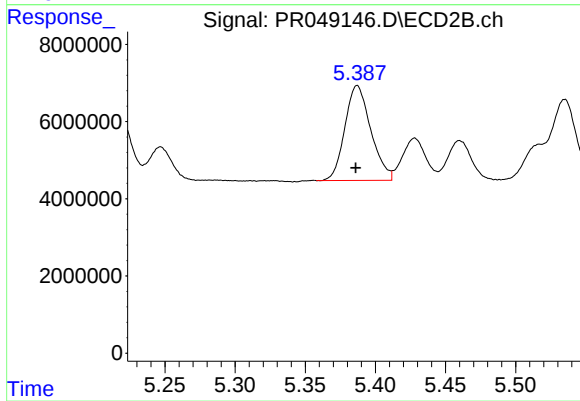
#23 AR-1248-3

R.T.: 5.215 min
Delta R.T.: 0.001 min
Response: 26992924
Conc: 437.95 ng/ml



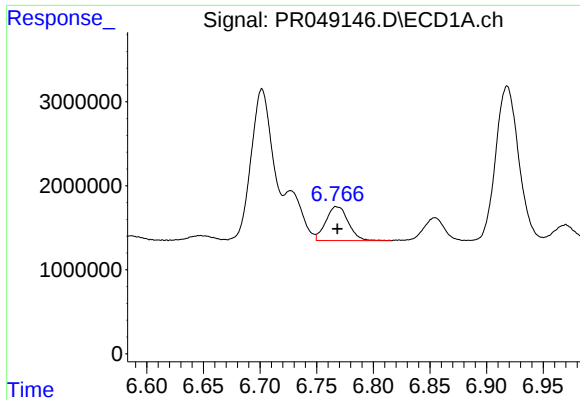
#24 AR-1248-4

R.T.: 6.727 min
Delta R.T.: -0.002 min
Response: 6539581
Conc: 63.44 ng/ml



#24 AR-1248-4

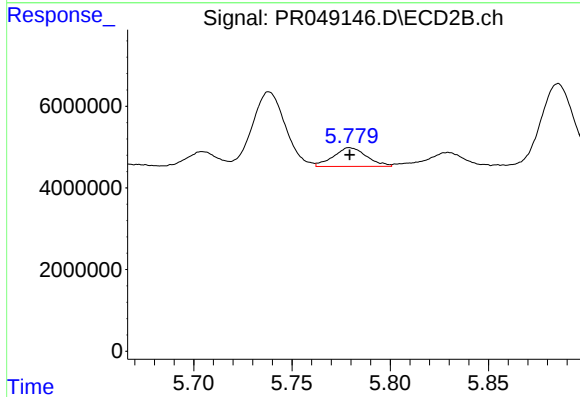
R.T.: 5.387 min
Delta R.T.: 0.000 min
Response: 31635830
Conc: 395.30 ng/ml



#25 AR-1248-5

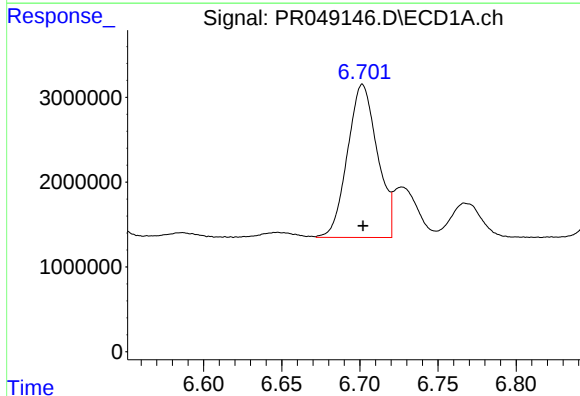
R.T.: 6.768 min
Delta R.T.: 0.000 min
Response: 5595096
Conc: 57.15 ng/ml

Instrument :
ECD_R
ClientSampleId :



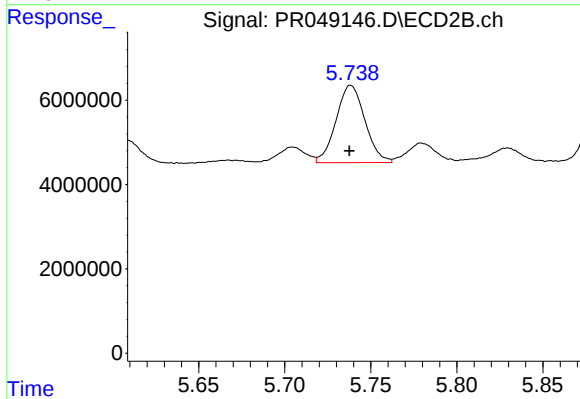
#25 AR-1248-5

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 5381700
Conc: 46.99 ng/ml



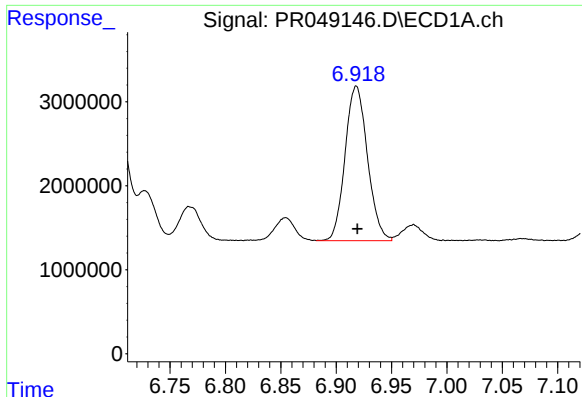
#26 AR-1254-1

R.T.: 6.702 min
Delta R.T.: 0.000 min
Response: 23996115
Conc: 224.08 ng/ml



#26 AR-1254-1

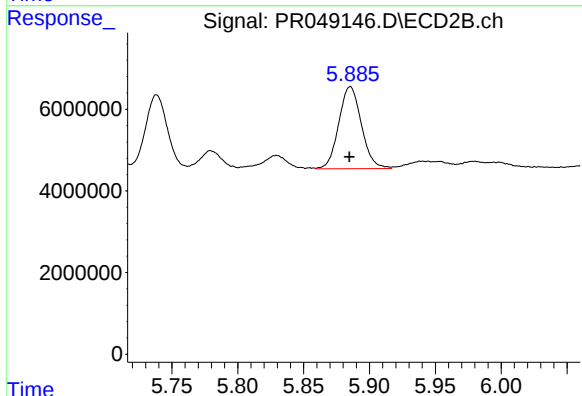
R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 21458466
Conc: 162.14 ng/ml



#27 AR-1254-2

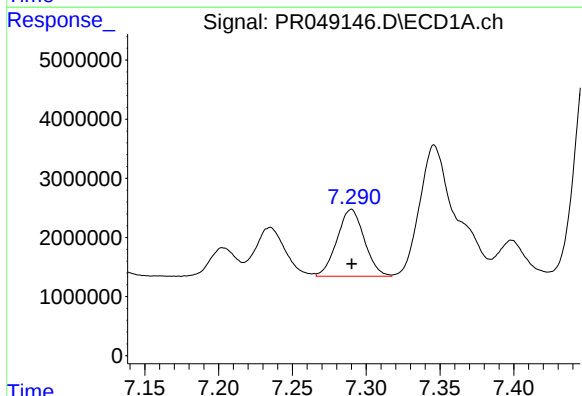
R.T.: 6.918 min
Delta R.T.: 0.000 min
Response: 25900546
Conc: 158.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



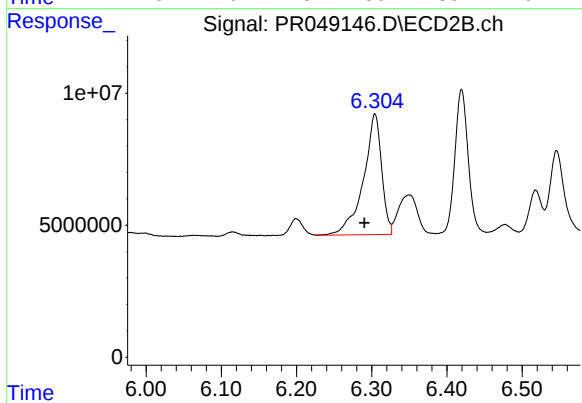
#27 AR-1254-2

R.T.: 5.885 min
Delta R.T.: 0.000 min
Response: 24054423
Conc: 182.37 ng/ml



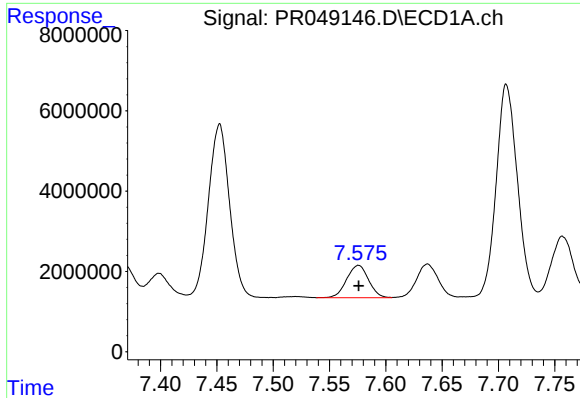
#28 AR-1254-3

R.T.: 7.290 min
Delta R.T.: 0.000 min
Response: 14598039
Conc: 87.82 ng/ml



#28 AR-1254-3

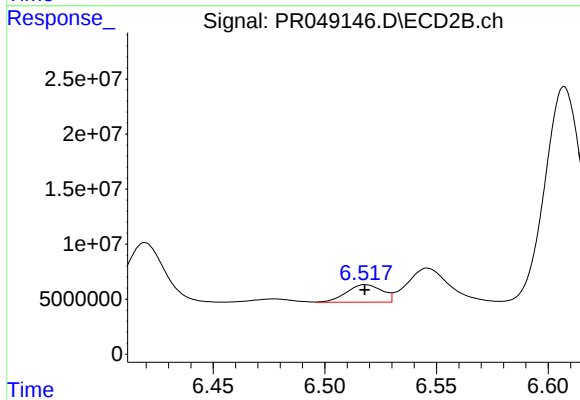
R.T.: 6.304 min
Delta R.T.: 0.014 min
Response: 76931036
Conc: 293.45 ng/ml



#29 AR-1254-4

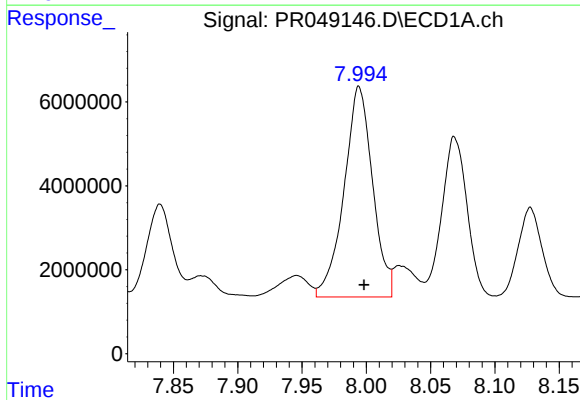
R.T.: 7.576 min
Delta R.T.: 0.000 min
Response: 10892027
Conc: 83.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



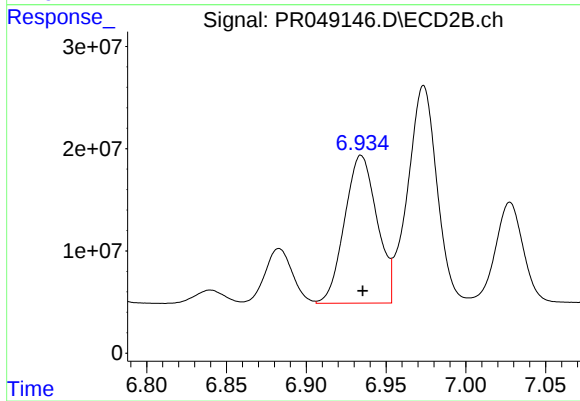
#29 AR-1254-4

R.T.: 6.518 min
Delta R.T.: 0.000 min
Response: 17566995
Conc: 49.37 ng/ml



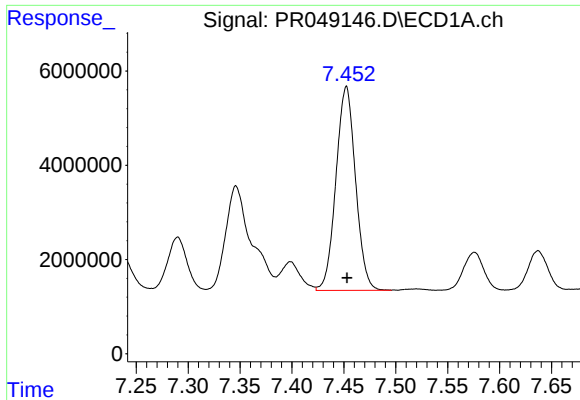
#30 AR-1254-5

R.T.: 7.994 min
Delta R.T.: -0.004 min
Response: 77563879
Conc: 590.69 ng/ml



#30 AR-1254-5

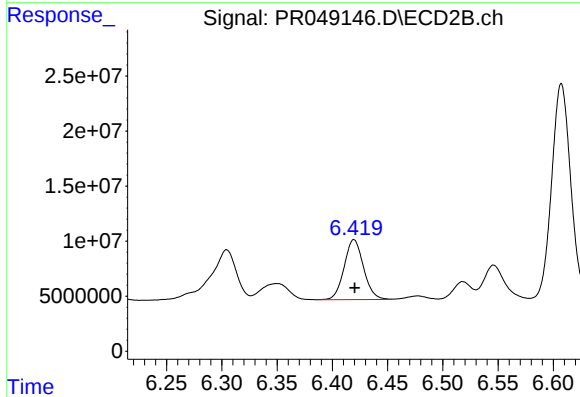
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 204461905
Conc: 474.39 ng/ml



#31 AR-1260-1

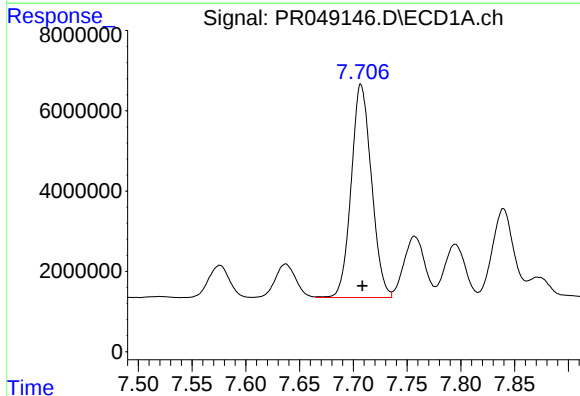
R.T.: 7.452 min
Delta R.T.: 0.000 min
Response: 56815188
Conc: 490.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



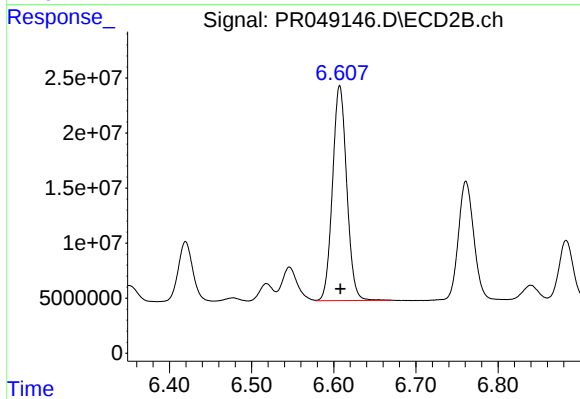
#31 AR-1260-1

R.T.: 6.420 min
Delta R.T.: 0.000 min
Response: 66592878
Conc: 486.28 ng/ml



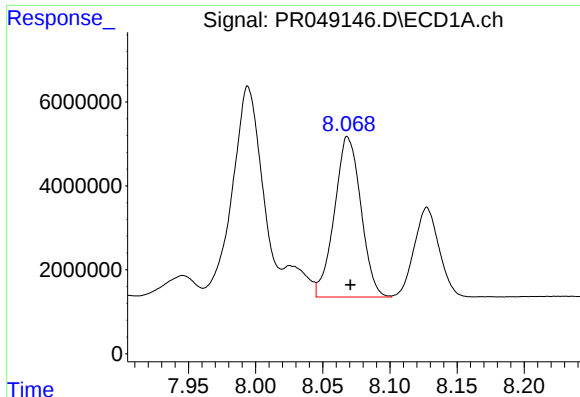
#32 AR-1260-2

R.T.: 7.707 min
Delta R.T.: -0.001 min
Response: 69747881
Conc: 478.09 ng/ml



#32 AR-1260-2

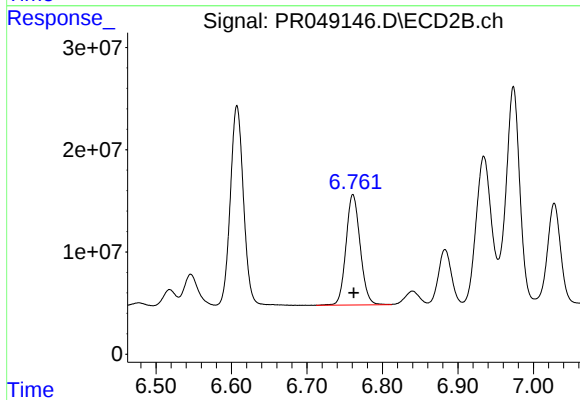
R.T.: 6.607 min
Delta R.T.: 0.000 min
Response: 235045800
Conc: 521.37 ng/ml



#33 AR-1260-3

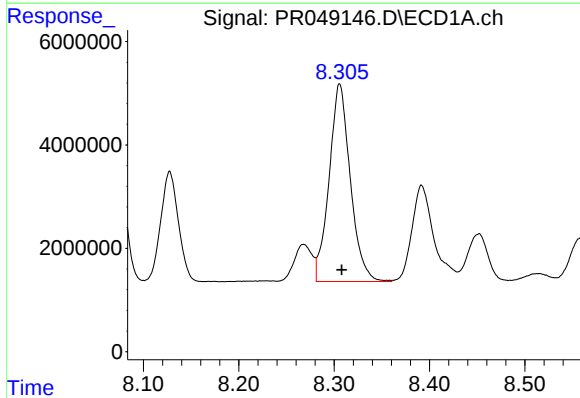
R.T.: 8.068 min
Delta R.T.: -0.002 min
Response: 52418803
Conc: 485.25 ng/ml

Instrument :
ECD_R
ClientSampleId :



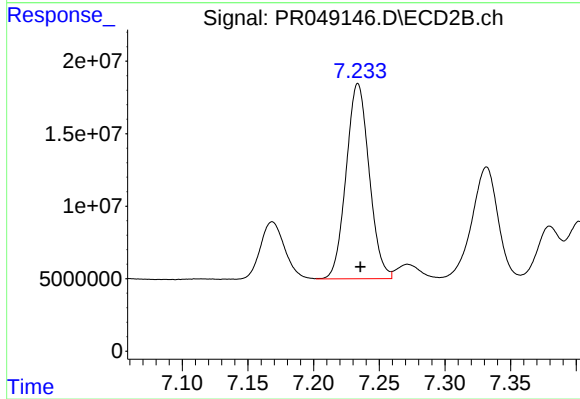
#33 AR-1260-3

R.T.: 6.761 min
Delta R.T.: -0.001 min
Response: 141051770
Conc: 482.68 ng/ml



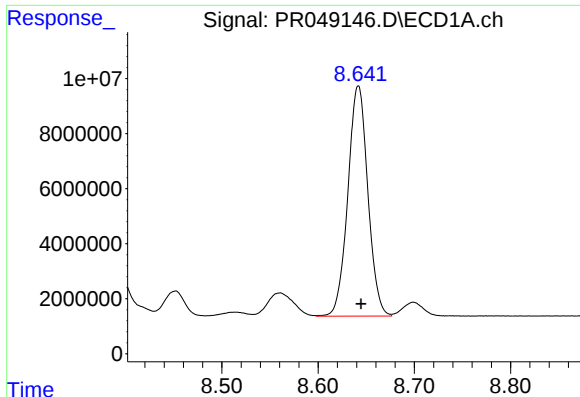
#34 AR-1260-4

R.T.: 8.306 min
Delta R.T.: -0.002 min
Response: 59006470
Conc: 492.64 ng/ml



#34 AR-1260-4

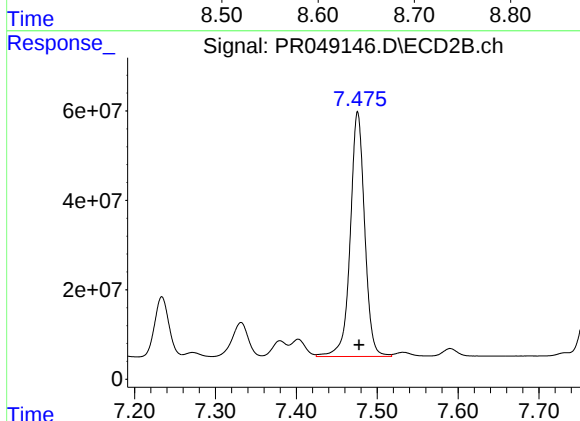
R.T.: 7.234 min
Delta R.T.: -0.002 min
Response: 164367536
Conc: 508.88 ng/ml



#35 AR-1260-5

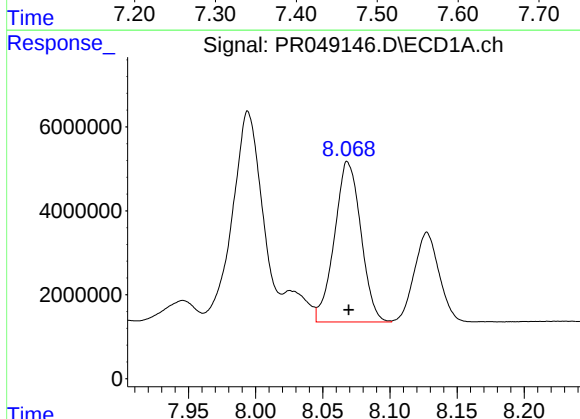
R.T.: 8.642 min
Delta R.T.: -0.003 min
Response: 120562590
Conc: 493.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



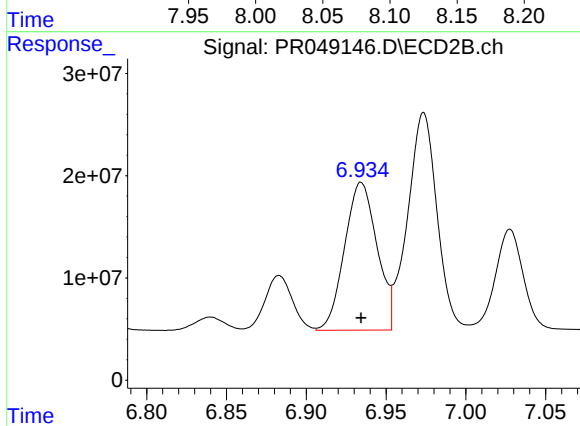
#35 AR-1260-5

R.T.: 7.476 min
Delta R.T.: -0.002 min
Response: 677596318
Conc: 507.42 ng/ml



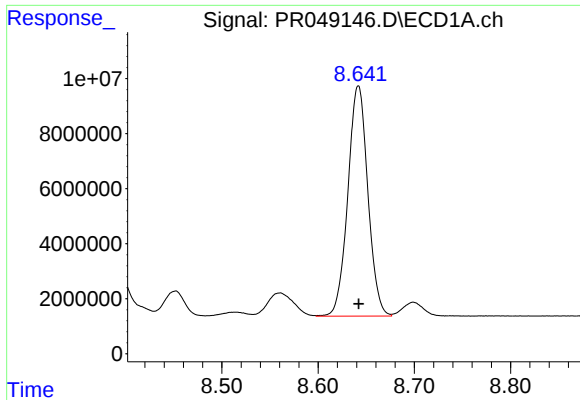
#36 AR-1262-1

R.T.: 8.068 min
Delta R.T.: 0.000 min
Response: 52418803
Conc: 339.54 ng/ml



#36 AR-1262-1

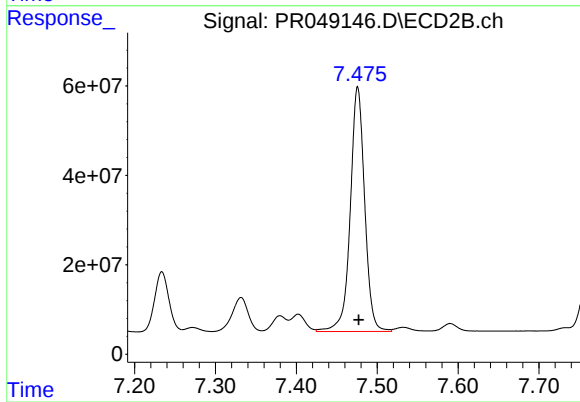
R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 204461905
Conc: 891.44 ng/ml



#37 AR-1262-2

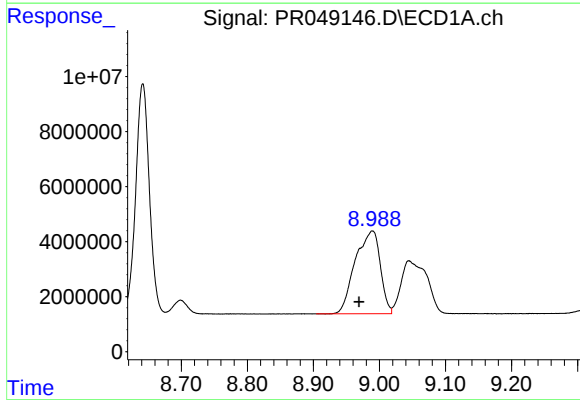
R.T.: 8.642 min
Delta R.T.: 0.000 min
Response: 120562590
Conc: 446.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



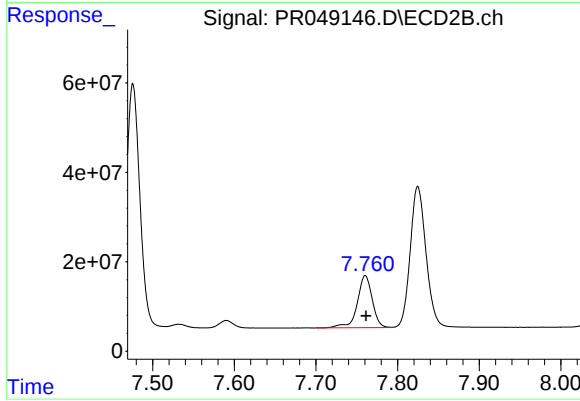
#37 AR-1262-2

R.T.: 7.476 min
Delta R.T.: -0.001 min
Response: 677596318
Conc: 461.16 ng/ml



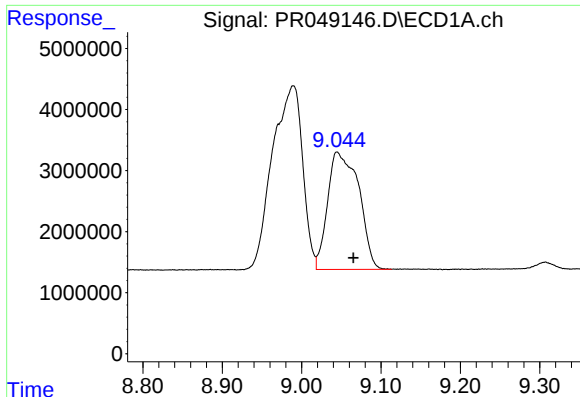
#38 AR-1262-3

R.T.: 8.990 min
Delta R.T.: 0.020 min
Response: 79265116
Conc: 423.26 ng/ml



#38 AR-1262-3

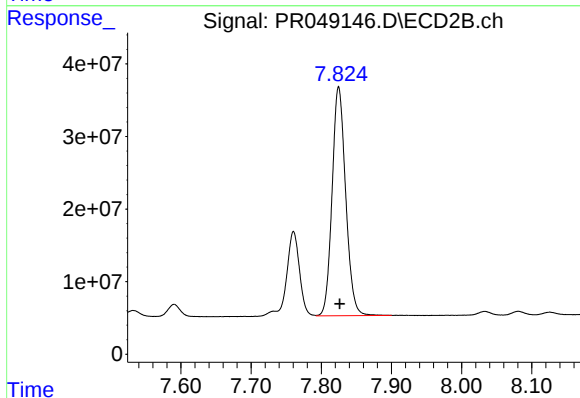
R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 147929502
Conc: 259.53 ng/ml



#39 AR-1262-4

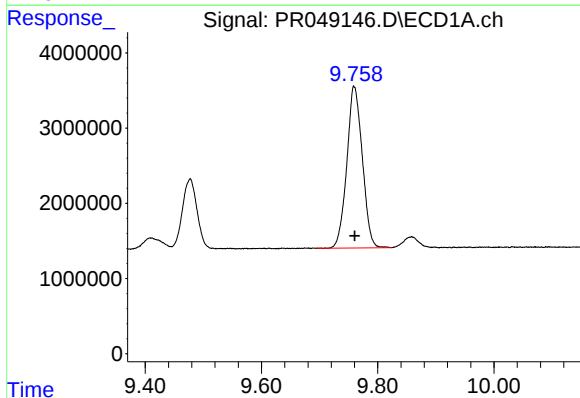
R.T.: 9.045 min
Delta R.T.: -0.021 min
Response: 52367827
Conc: 357.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



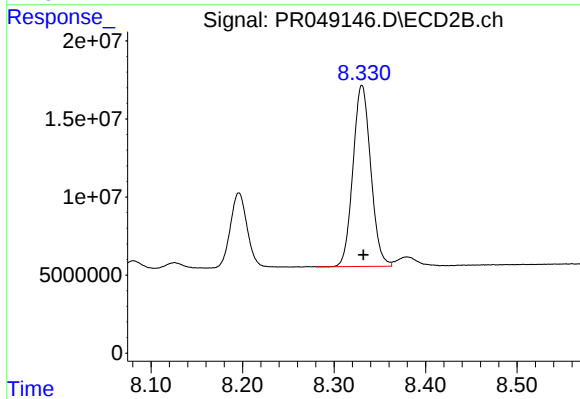
#39 AR-1262-4

R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 424039889
Conc: 451.97 ng/ml



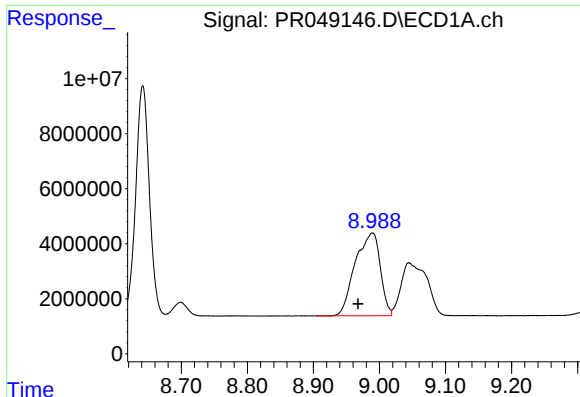
#40 AR-1262-5

R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 39802522
Conc: 378.71 ng/ml



#40 AR-1262-5

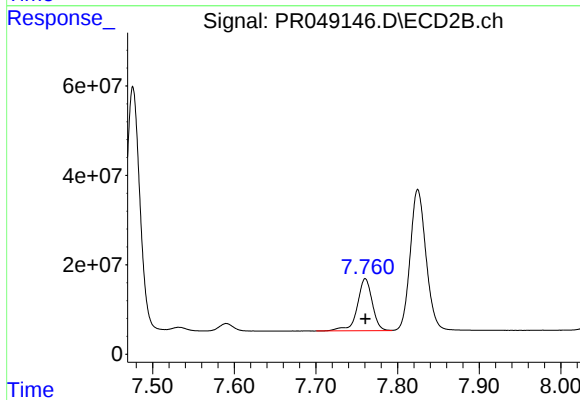
R.T.: 8.330 min
Delta R.T.: -0.002 min
Response: 156625575
Conc: 367.37 ng/ml



#41 AR-1268-1

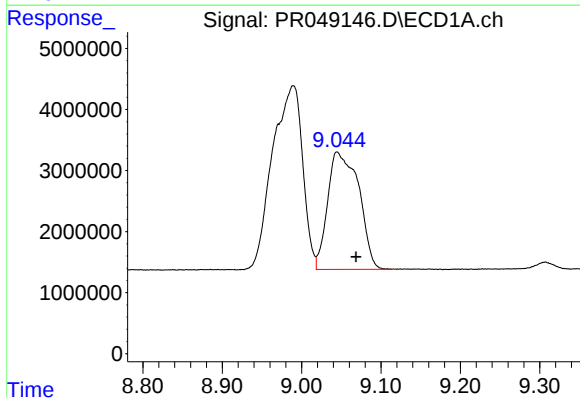
R.T.: 8.990 min
Delta R.T.: 0.022 min
Response: 79265116
Conc: 249.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



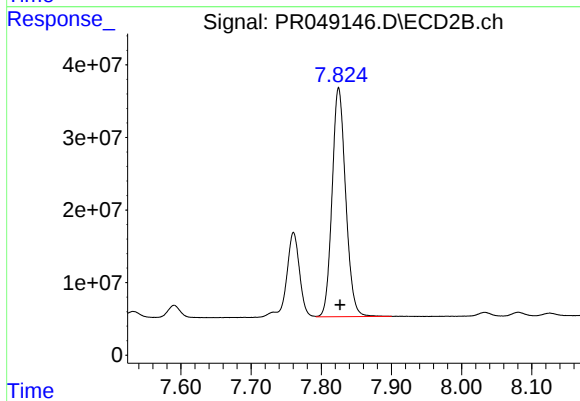
#41 AR-1268-1

R.T.: 7.761 min
Delta R.T.: 0.000 min
Response: 147929502
Conc: 87.93 ng/ml



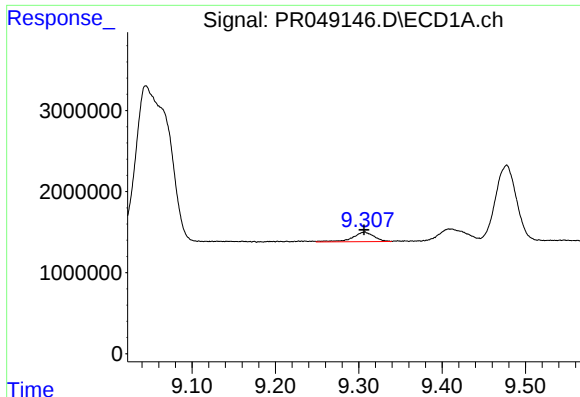
#42 AR-1268-2

R.T.: 9.045 min
Delta R.T.: -0.024 min
Response: 52367827
Conc: 175.33 ng/ml



#42 AR-1268-2

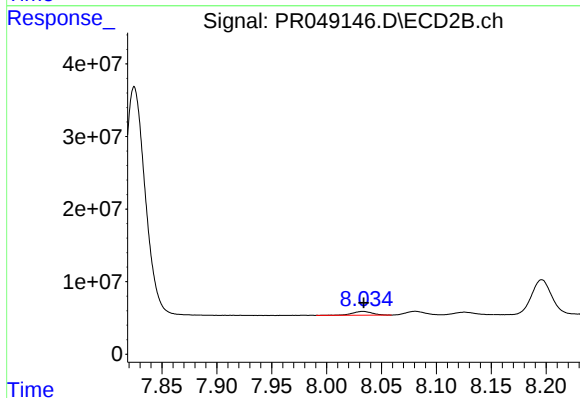
R.T.: 7.825 min
Delta R.T.: -0.002 min
Response: 424039889
Conc: 302.04 ng/ml



#43 AR-1268-3

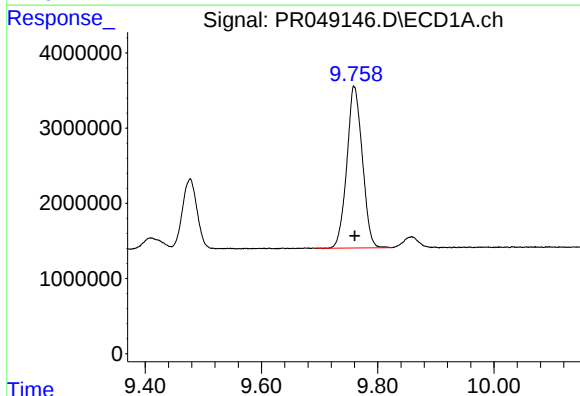
R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 2100987
Conc: 8.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



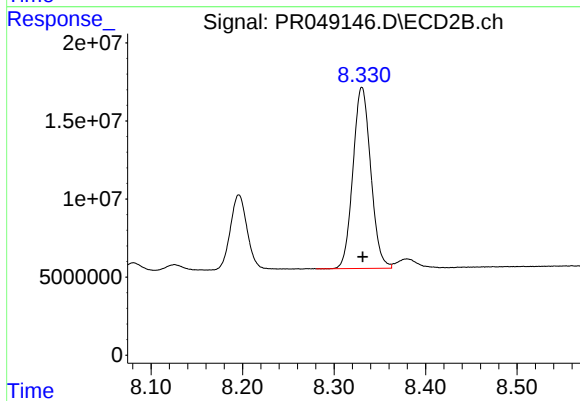
#43 AR-1268-3

R.T.: 8.033 min
Delta R.T.: 0.000 min
Response: 6547413
Conc: 5.26 ng/ml



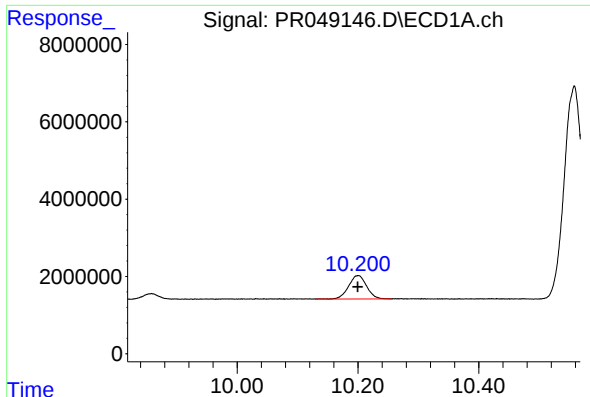
#44 AR-1268-4

R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 39802522
Conc: 347.52 ng/ml



#44 AR-1268-4

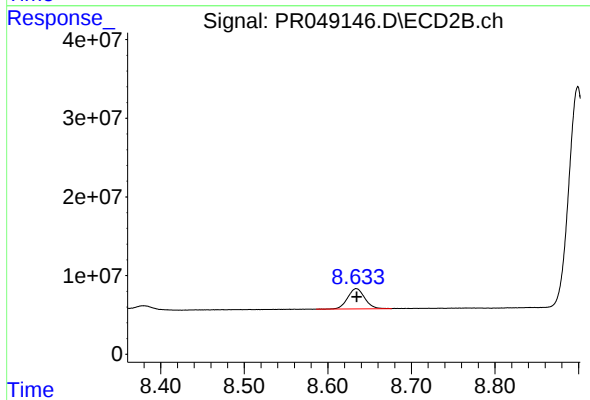
R.T.: 8.330 min
Delta R.T.: 0.000 min
Response: 156625575
Conc: 329.47 ng/ml



#45 AR-1268-5

R.T.: 10.201 min
Delta R.T.: 0.000 min
Response: 12519469
Conc: 14.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.634 min
Delta R.T.: 0.000 min
Response: 36868429
Conc: 10.21 ng/ml