

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR072920\
 Data File : PR046588.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Jul 2020 15:46
 Operator : AJ\MA
 Sample : L3473-09MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 30 01:47:25 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR072820.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jul 29 03:56:12 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...	4.767	3.994	31000926	197.9E6	19.590	19.780
2)	SA Decachlor...	10.767	9.122	34289650	294.4E6	15.475	19.535 #
Target Compounds							
3)	L1 AR-1016-1	5.954	5.090	12653910	79770498	185.677	174.564
4)	L1 AR-1016-2	5.977	5.110	17026586	113.7E6	175.787	178.445
5)	L1 AR-1016-3	6.041	5.289	9964677	58903457	170.329	176.433
6)	L1 AR-1016-4	6.142	5.328	8648871	47478026	179.030	175.868
7)	L1 AR-1016-5	6.436	5.546	9260848	46944956	186.917	129.379 #
9)	L2 AR-1221-2	0.000	4.294	0	11738427	N.D.	144.081 #
10)	L2 AR-1221-3	5.147	4.370	5491680	35070674	134.656	134.295
11)	L3 AR-1232-1	5.147	4.370	5491680	35070674	213.137	209.224
12)	L3 AR-1232-2	5.684	5.110	7986686	113.7E6	563.512	537.045
13)	L3 AR-1232-3	5.977	5.289	17026586	58903457	532.822	529.849
14)	L3 AR-1232-4	6.142	5.372	8648871	51419277	547.672	501.497
15)	L3 AR-1232-5	6.227	5.546	6997375	46944956	579.748	384.967 #
16)	L4 AR-1242-1	5.954	5.090	12653910	79770498	296.194	280.865
17)	L4 AR-1242-2	5.977	5.110	17026586	113.7E6	284.904	288.954
18)	L4 AR-1242-3	6.041	5.289	9964677	58903457	268.861	277.364
19)	L4 AR-1242-4	6.142	5.372	8648871	51419277	281.967	244.451
20)	L4 AR-1242-5	0.000	5.901	0	42270358	N.D.	136.200 #
21)	L5 AR-1248-1	5.954	5.090	12653910	79770498	344.859	335.108
22)	L5 AR-1248-2	6.227	5.328	6997375	47478026	138.753	149.331
23)	L5 AR-1248-3	6.436	5.372	9260848	51419277	158.663	156.725
24)	L5 AR-1248-4	6.814f	5.546	5224233	46944956	71.717	110.427 #
25)	L5 AR-1248-5	0.000	5.947	0	70461544	N.D.	155.363 #
26)	L6 AR-1254-1	6.814	5.901	5224233	42270358	67.024	56.450
27)	L6 AR-1254-2	7.031	6.048	9157838	43422219	73.465	64.886
28)	L6 AR-1254-3	7.405	6.471f	3252706	377.7E6	23.684	320.267 #
29)	L6 AR-1254-4	7.695	6.686	13193633	36840073	124.609	46.635 #
30)	L6 AR-1254-5	8.115	7.106	28401381	181.3E6	249.834	169.642 #
31)	L7 AR-1260-1	7.566	6.588	15651908	175.4E6	159.076	227.848 #
32)	L7 AR-1260-2	7.824	6.775	22521399	188.5E6	187.543	194.496
33)	L7 AR-1260-3	8.188	6.931	14324967	104.1E6	157.745	116.899 #
34)	L7 AR-1260-4	8.432	7.407	18177377	159.6E6	173.527	215.382
35)	L7 AR-1260-5	8.780	7.648	48167510	257.2E6	214.091	136.416 #
36)	L8 AR-1262-1	8.188	7.106	14324967	181.3E6	116.217	342.597 #
37)	L8 AR-1262-2	8.780	7.648	48167510	257.2E6	202.445	125.463 #
38)	L8 AR-1262-3	9.115	7.935	4268441	61652419	41.177	75.858 #
39)	L8 AR-1262-4	9.199	8.000	8193386	244.9E6	66.950	169.235 #
40)	L8 AR-1262-5	9.944	8.520	8324459	88300043	90.483	129.937 #
41)	L9 AR-1268-1	9.115	7.935	4268441	61652419	14.706	26.375 #
42)	L9 AR-1268-2	9.199f	8.000	8193386	244.9E6	30.295	110.738 #

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 Response via : Initial Calibration
 Integrator: ChemStation

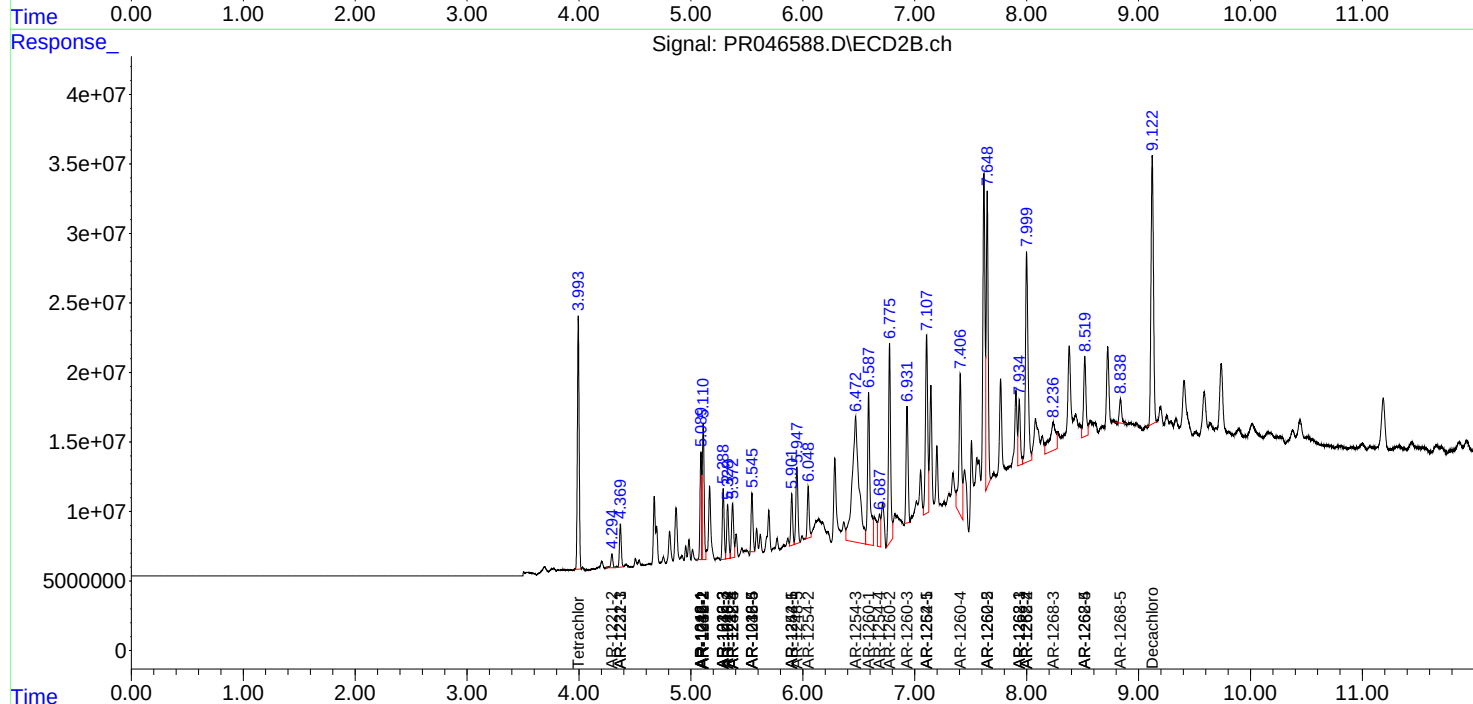
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

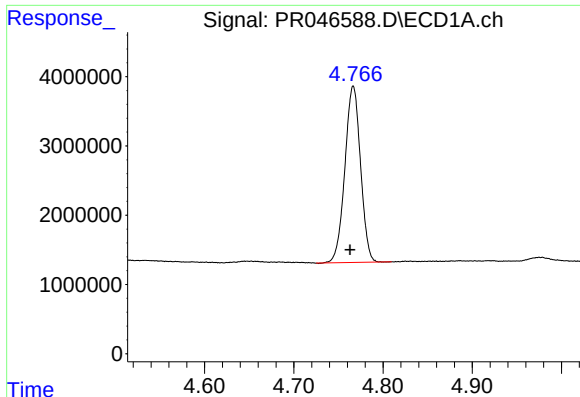
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
43) L9	AR-1268-3	0.000	8.237f	0	79589041	N.D.	43.928 #
44) L9	AR-1268-4	9.944	8.520	8324459	88300043	79.896	115.004 #
45) L9	AR-1268-5	10.397	8.839	3700637	24132346	4.592	4.350

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

Instrument :
ECD_R
ClientSampleId :

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

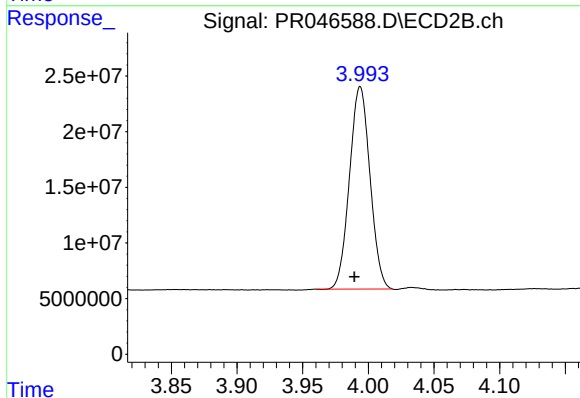




#1 Tetrachloro-m-xylene

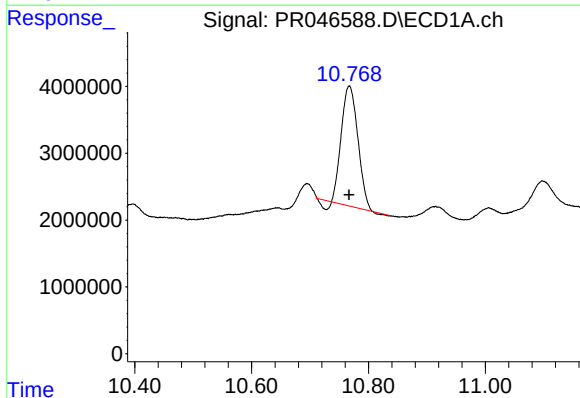
R.T.: 4.767 min
Delta R.T.: 0.004 min
Response: 31000926
Conc: 19.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



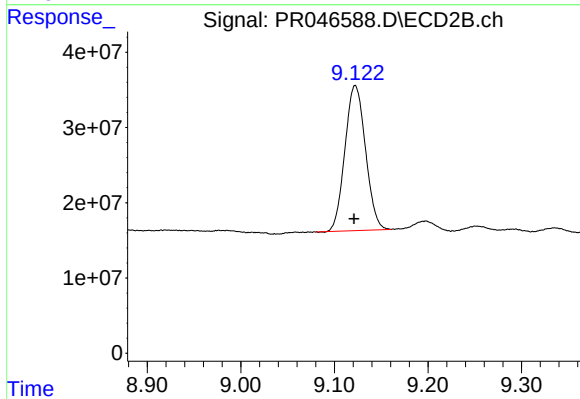
#1 Tetrachloro-m-xylene

R.T.: 3.994 min
Delta R.T.: 0.004 min
Response: 197896493
Conc: 19.78 ng/ml



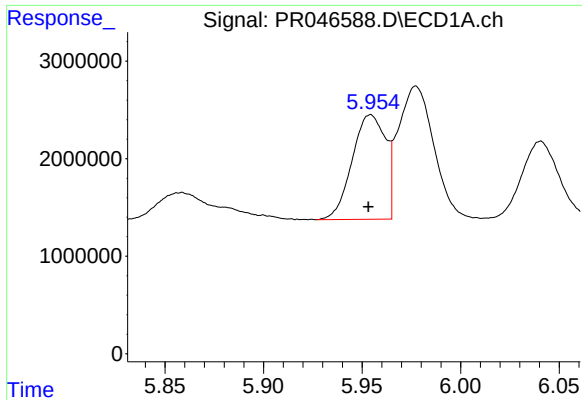
#2 Decachlorobiphenyl

R.T.: 10.767 min
Delta R.T.: 0.000 min
Response: 34289650
Conc: 15.48 ng/ml



#2 Decachlorobiphenyl

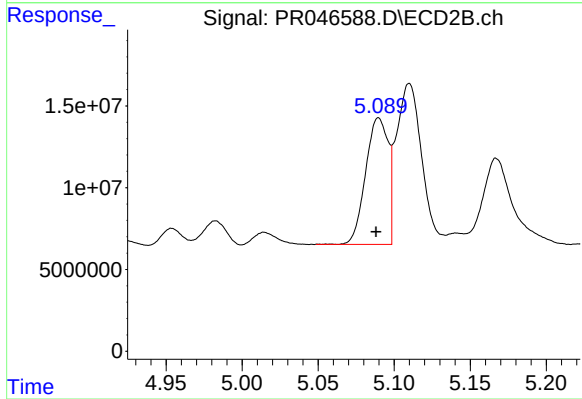
R.T.: 9.122 min
Delta R.T.: 0.001 min
Response: 294446974
Conc: 19.53 ng/ml



#3 AR-1016-1

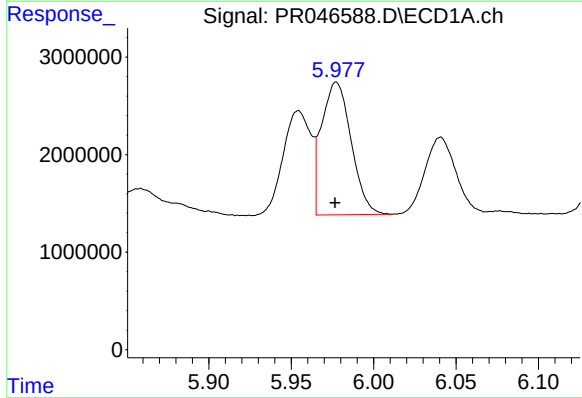
R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 12653910
Conc: 185.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



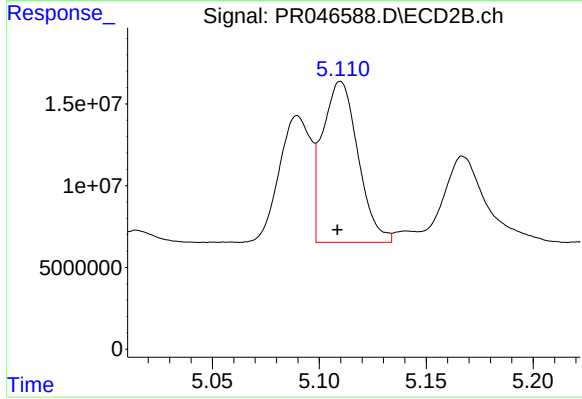
#3 AR-1016-1

R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 79770498
Conc: 174.56 ng/ml



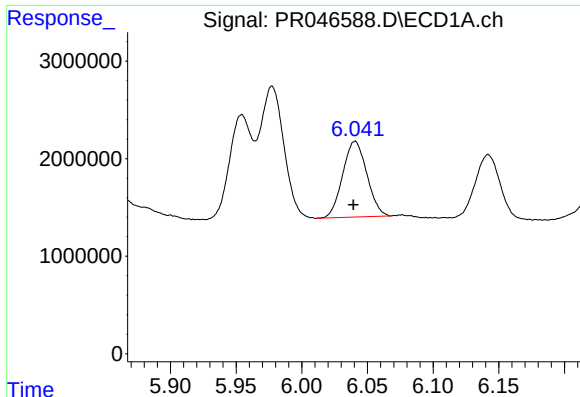
#4 AR-1016-2

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 17026586
Conc: 175.79 ng/ml



#4 AR-1016-2

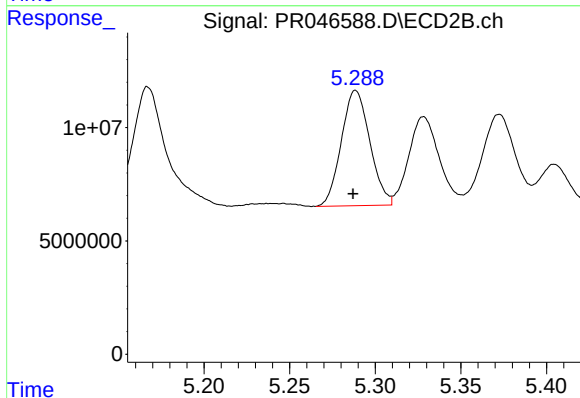
R.T.: 5.110 min
Delta R.T.: 0.002 min
Response: 113732295
Conc: 178.45 ng/ml



#5 AR-1016-3

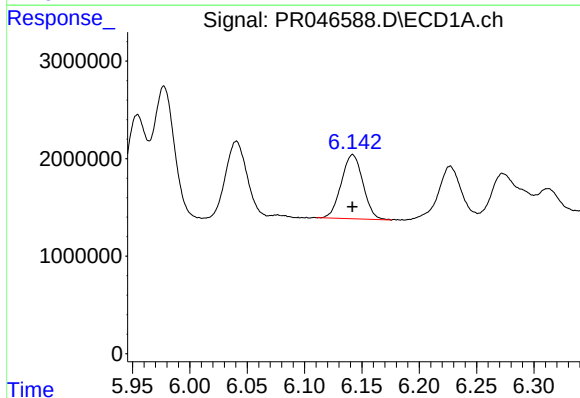
R.T.: 6.041 min
Delta R.T.: 0.001 min
Response: 9964677
Conc: 170.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



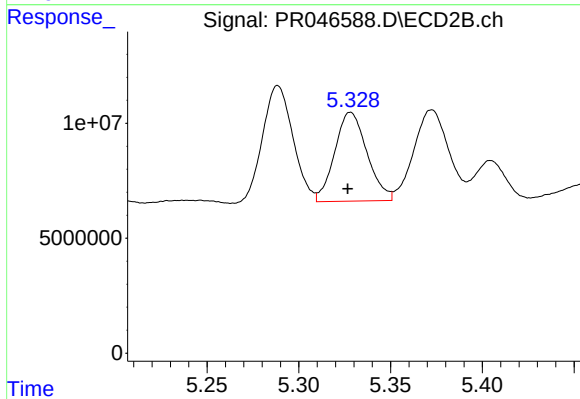
#5 AR-1016-3

R.T.: 5.289 min
Delta R.T.: 0.002 min
Response: 58903457
Conc: 176.43 ng/ml



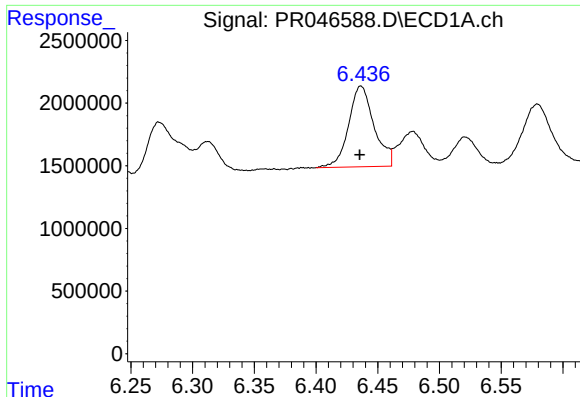
#6 AR-1016-4

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 8648871
Conc: 179.03 ng/ml



#6 AR-1016-4

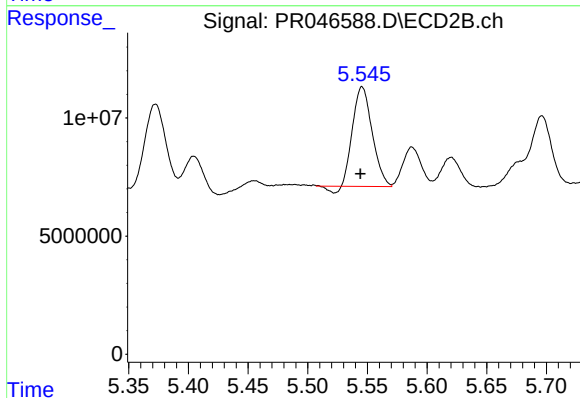
R.T.: 5.328 min
Delta R.T.: 0.001 min
Response: 47478026
Conc: 175.87 ng/ml



#7 AR-1016-5

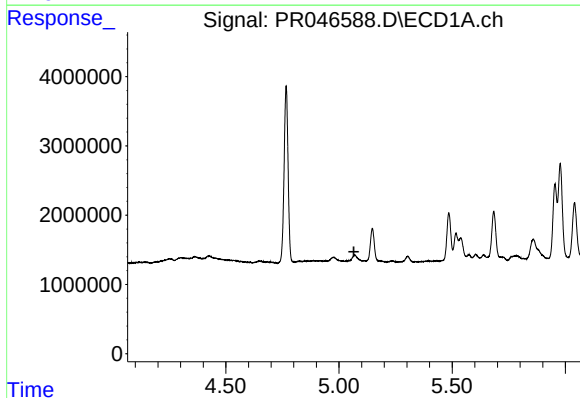
R.T.: 6.436 min
Delta R.T.: 0.001 min
Response: 9260848
Conc: 186.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



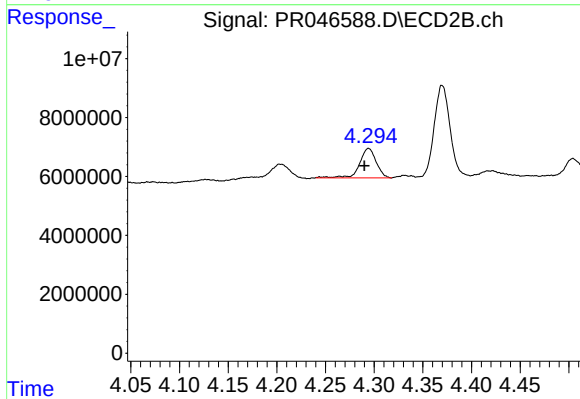
#7 AR-1016-5

R.T.: 5.546 min
Delta R.T.: 0.001 min
Response: 46944956
Conc: 129.38 ng/ml



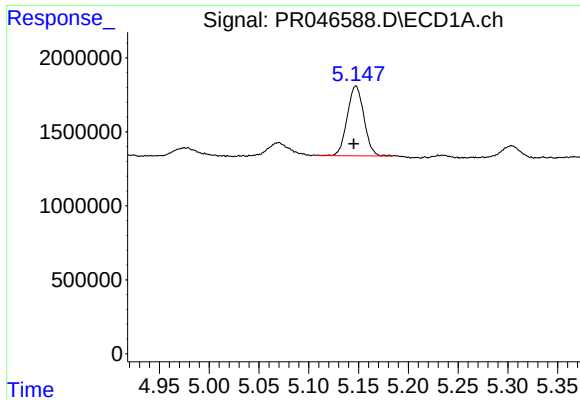
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 5.066 min
Response: 0
Conc: N.D.



#9 AR-1221-2

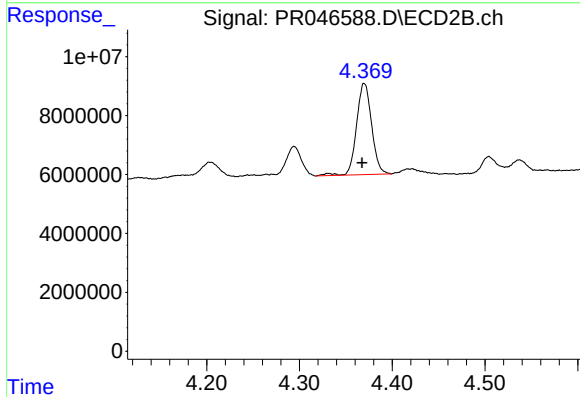
R.T.: 4.294 min
Delta R.T.: 0.004 min
Response: 11738427
Conc: 144.08 ng/ml



#10 AR-1221-3

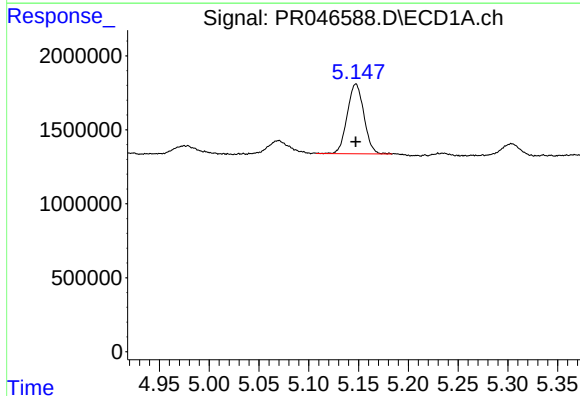
R.T.: 5.147 min
Delta R.T.: 0.002 min
Response: 5491680
Conc: 134.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



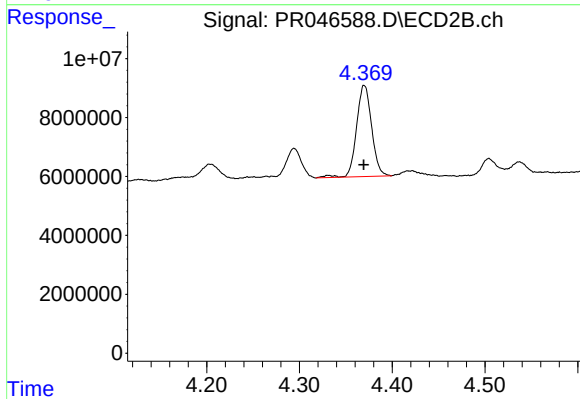
#10 AR-1221-3

R.T.: 4.370 min
Delta R.T.: 0.002 min
Response: 35070674
Conc: 134.29 ng/ml



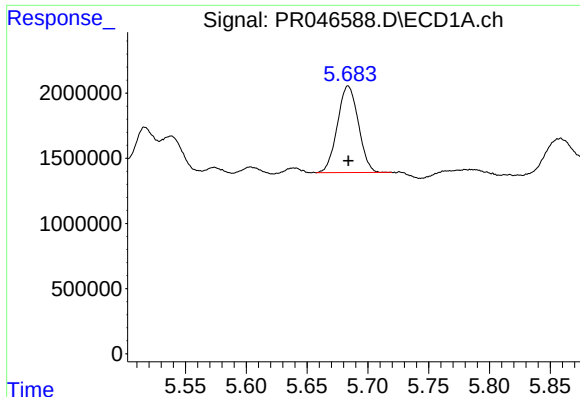
#11 AR-1232-1

R.T.: 5.147 min
Delta R.T.: 0.000 min
Response: 5491680
Conc: 213.14 ng/ml



#11 AR-1232-1

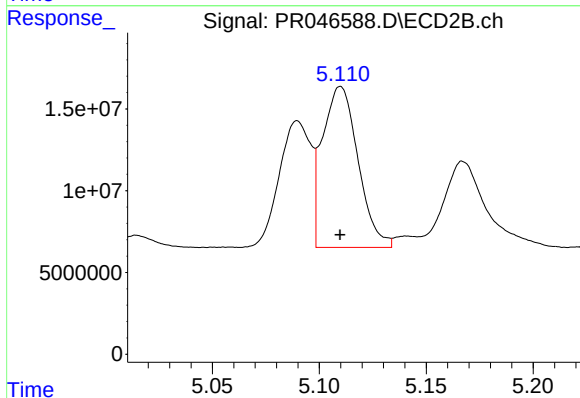
R.T.: 4.370 min
Delta R.T.: 0.000 min
Response: 35070674
Conc: 209.22 ng/ml



#12 AR-1232-2

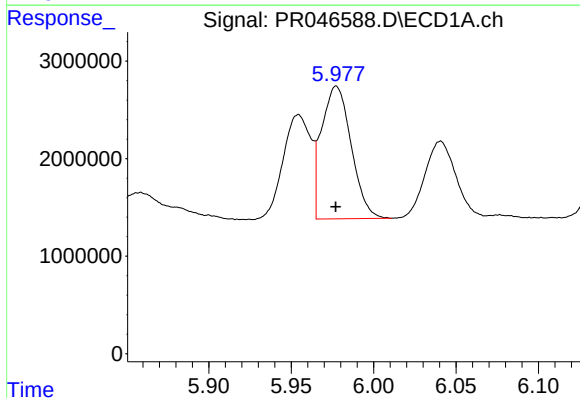
R.T.: 5.684 min
Delta R.T.: 0.000 min
Response: 7986686
Conc: 563.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



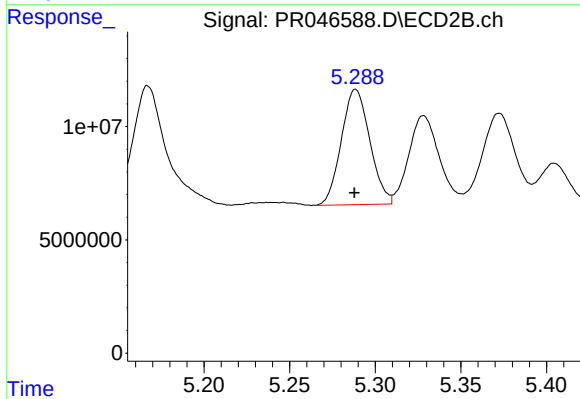
#12 AR-1232-2

R.T.: 5.110 min
Delta R.T.: 0.000 min
Response: 113732295
Conc: 537.05 ng/ml



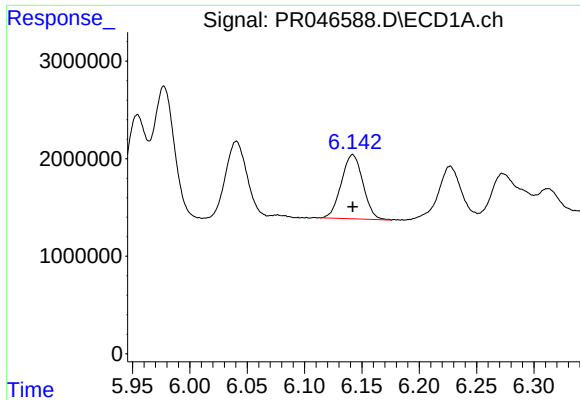
#13 AR-1232-3

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 17026586
Conc: 532.82 ng/ml



#13 AR-1232-3

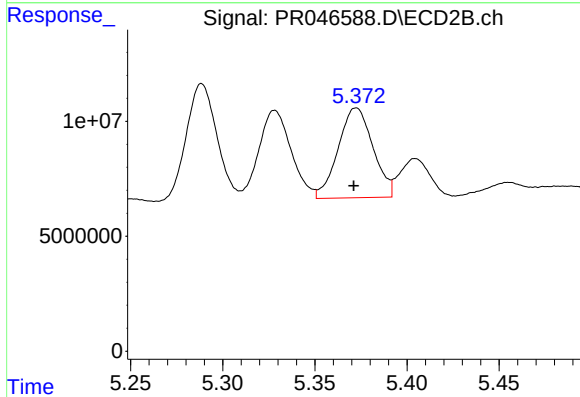
R.T.: 5.289 min
Delta R.T.: 0.000 min
Response: 58903457
Conc: 529.85 ng/ml



#14 AR-1232-4

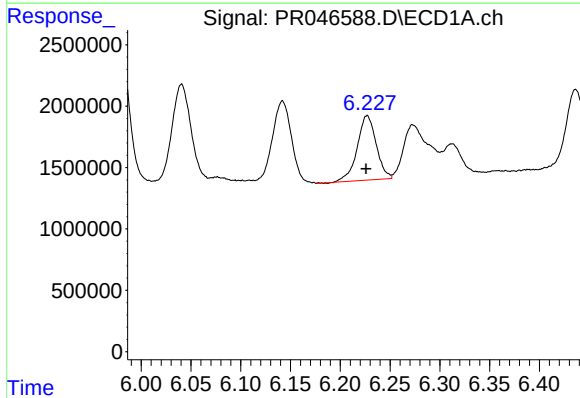
R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 8648871
Conc: 547.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



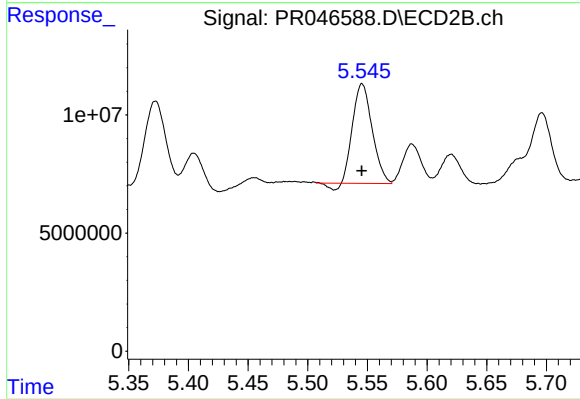
#14 AR-1232-4

R.T.: 5.372 min
Delta R.T.: 0.001 min
Response: 51419277
Conc: 501.50 ng/ml



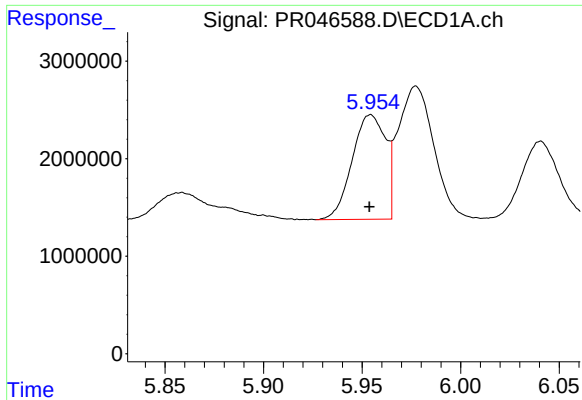
#15 AR-1232-5

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 6997375
Conc: 579.75 ng/ml



#15 AR-1232-5

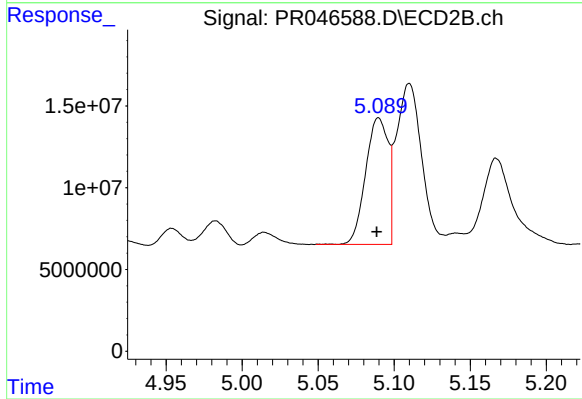
R.T.: 5.546 min
Delta R.T.: 0.000 min
Response: 46944956
Conc: 384.97 ng/ml



#16 AR-1242-1

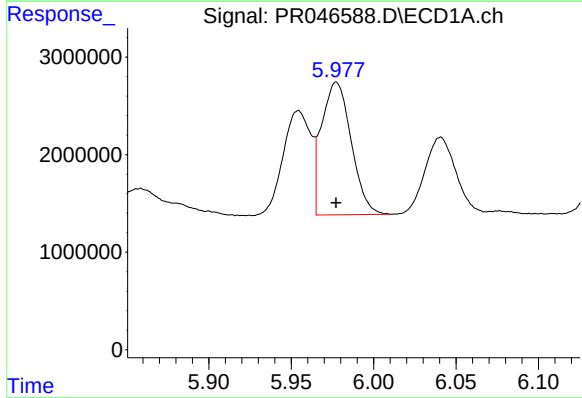
R.T.: 5.954 min
Delta R.T.: 0.000 min
Response: 12653910
Conc: 296.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



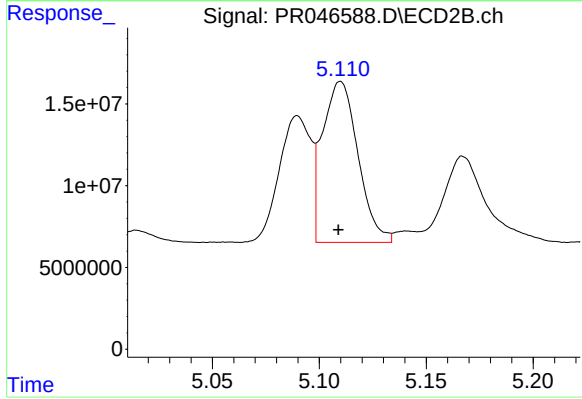
#16 AR-1242-1

R.T.: 5.090 min
Delta R.T.: 0.001 min
Response: 79770498
Conc: 280.86 ng/ml



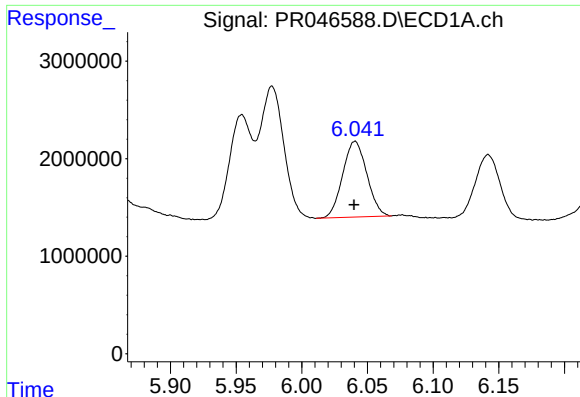
#17 AR-1242-2

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 17026586
Conc: 284.90 ng/ml



#17 AR-1242-2

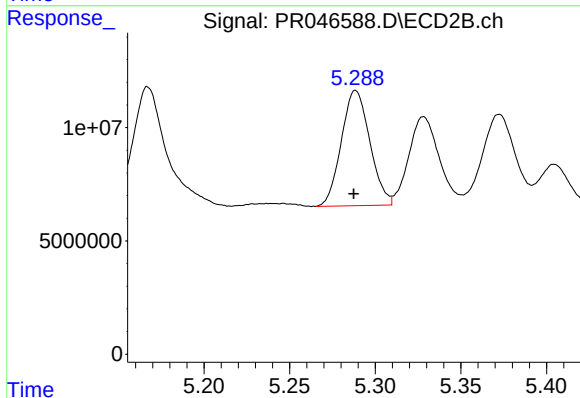
R.T.: 5.110 min
Delta R.T.: 0.001 min
Response: 113732295
Conc: 288.95 ng/ml



#18 AR-1242-3

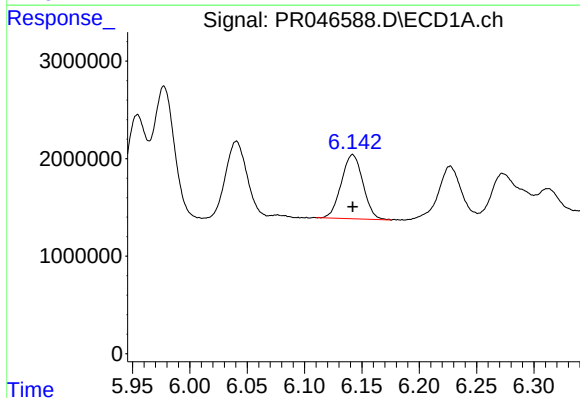
R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 9964677
Conc: 268.86 ng/ml

Instrument :
ECD_R
ClientSampleId :



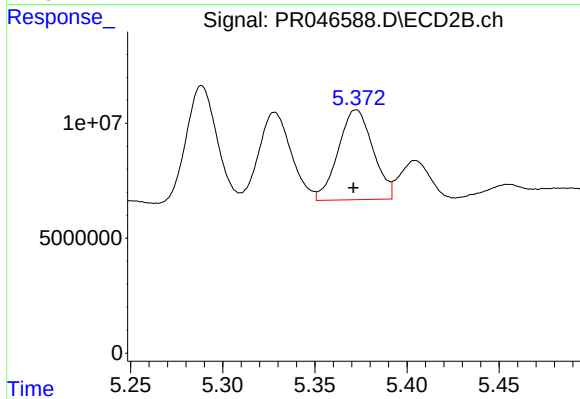
#18 AR-1242-3

R.T.: 5.289 min
Delta R.T.: 0.001 min
Response: 58903457
Conc: 277.36 ng/ml



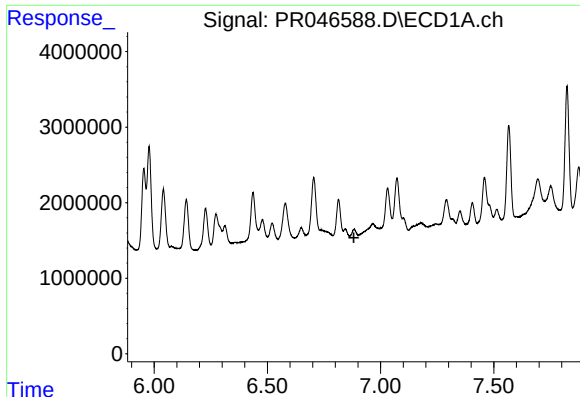
#19 AR-1242-4

R.T.: 6.142 min
Delta R.T.: 0.000 min
Response: 8648871
Conc: 281.97 ng/ml



#19 AR-1242-4

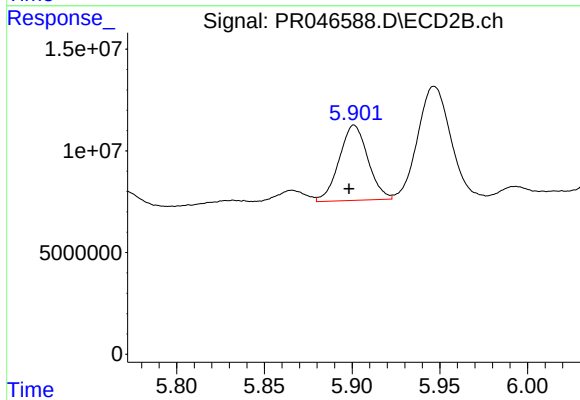
R.T.: 5.372 min
Delta R.T.: 0.002 min
Response: 51419277
Conc: 244.45 ng/ml



#20 AR-1242-5

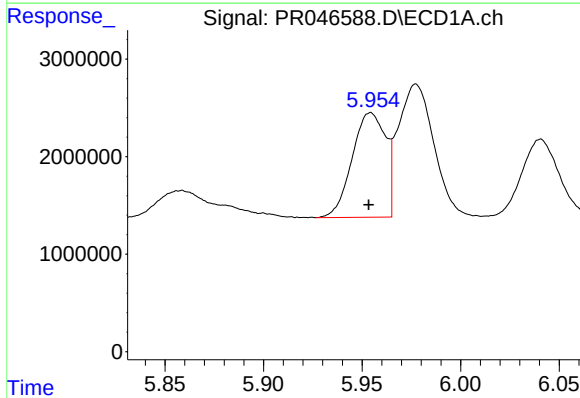
R.T.: 0.000 min
Exp R.T.: 6.882 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :



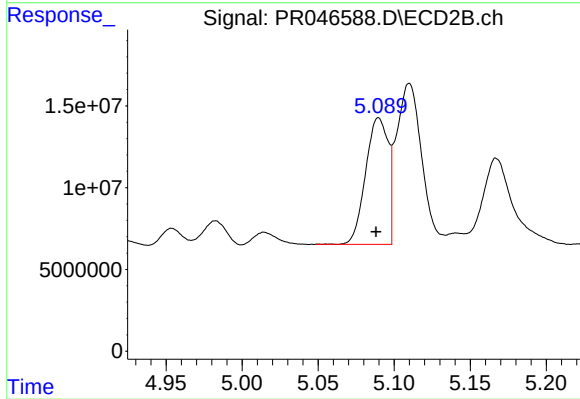
#20 AR-1242-5

R.T.: 5.901 min
Delta R.T.: 0.003 min
Response: 42270358
Conc: 136.20 ng/ml



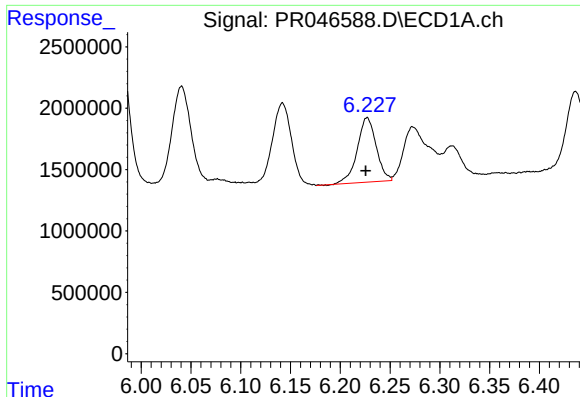
#21 AR-1248-1

R.T.: 5.954 min
Delta R.T.: 0.001 min
Response: 12653910
Conc: 344.86 ng/ml



#21 AR-1248-1

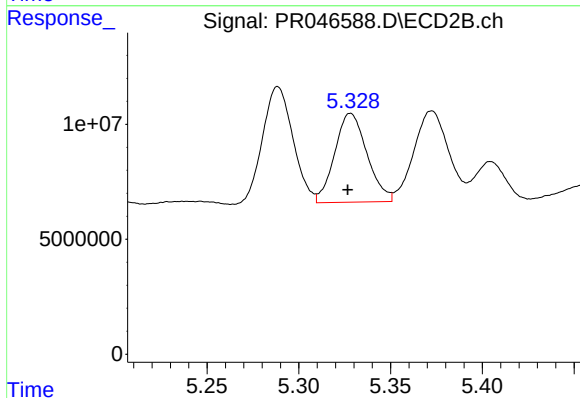
R.T.: 5.090 min
Delta R.T.: 0.002 min
Response: 79770498
Conc: 335.11 ng/ml



#22 AR-1248-2

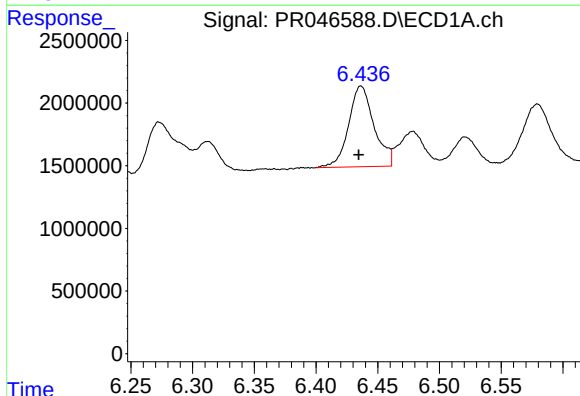
R.T.: 6.227 min
Delta R.T.: 0.001 min
Response: 6997375
Conc: 138.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



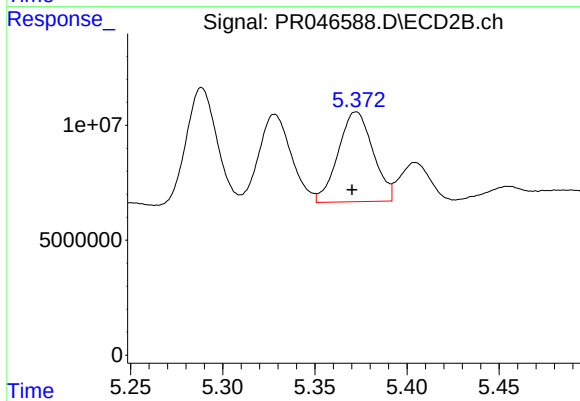
#22 AR-1248-2

R.T.: 5.328 min
Delta R.T.: 0.002 min
Response: 47478026
Conc: 149.33 ng/ml



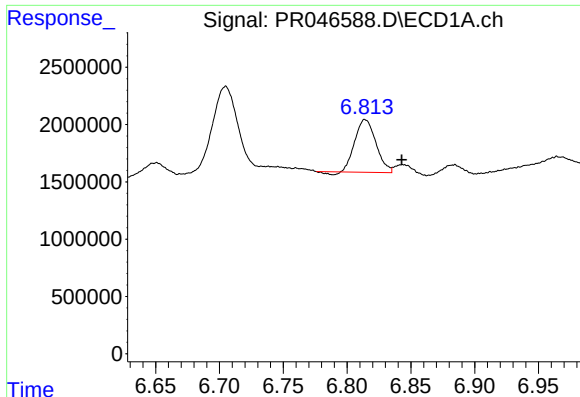
#23 AR-1248-3

R.T.: 6.436 min
Delta R.T.: 0.002 min
Response: 9260848
Conc: 158.66 ng/ml



#23 AR-1248-3

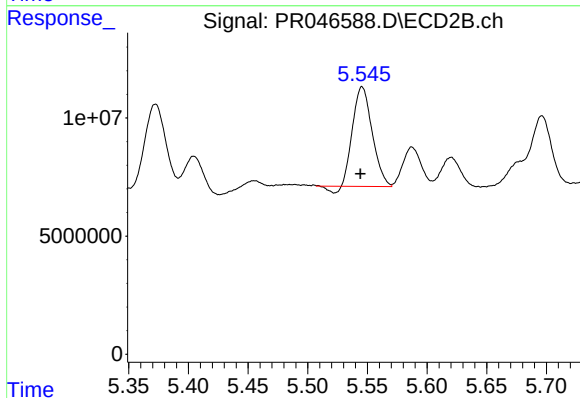
R.T.: 5.372 min
Delta R.T.: 0.002 min
Response: 51419277
Conc: 156.73 ng/ml



#24 AR-1248-4

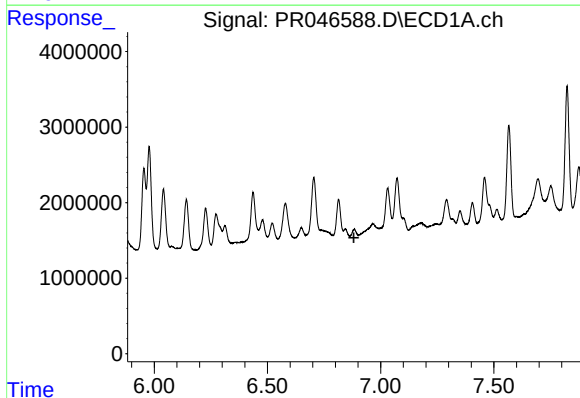
R.T.: 6.814 min
Delta R.T.: -0.029 min
Response: 5224233
Conc: 71.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



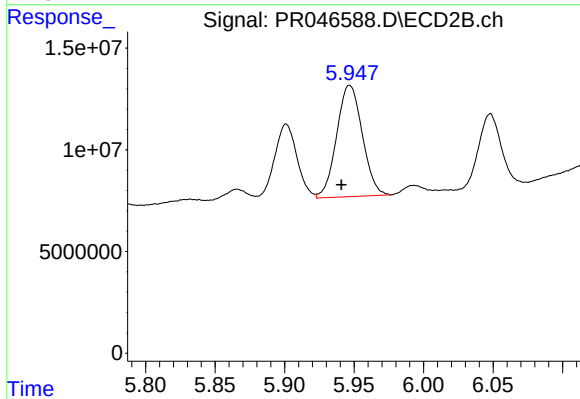
#24 AR-1248-4

R.T.: 5.546 min
Delta R.T.: 0.002 min
Response: 46944956
Conc: 110.43 ng/ml



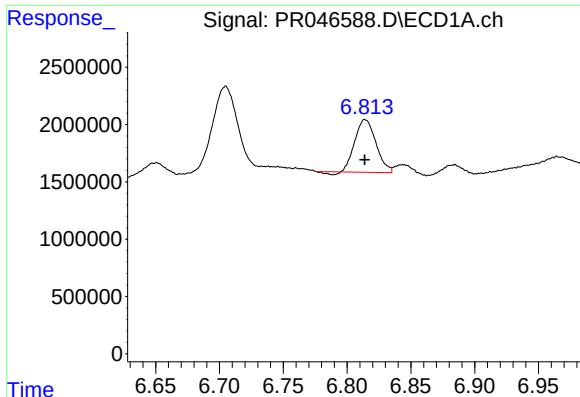
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 6.882 min
Response: 0
Conc: N.D.



#25 AR-1248-5

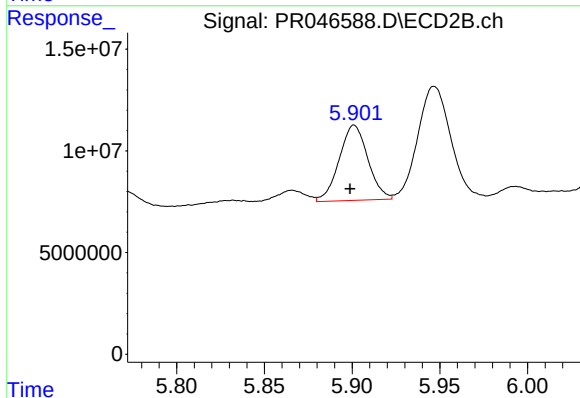
R.T.: 5.947 min
Delta R.T.: 0.006 min
Response: 70461544
Conc: 155.36 ng/ml



#26 AR-1254-1

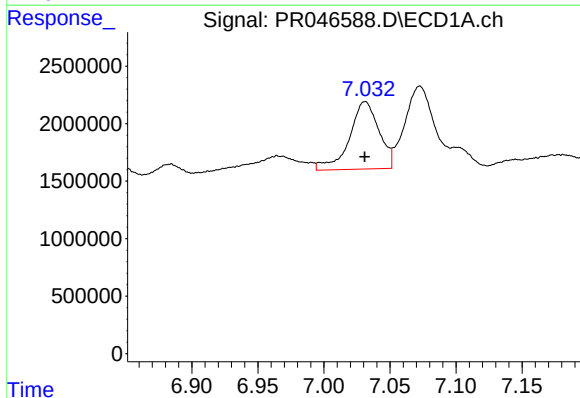
R.T.: 6.814 min
Delta R.T.: 0.000 min
Response: 5224233
Conc: 67.02 ng/ml

Instrument :
ECD_R
ClientSampleId :



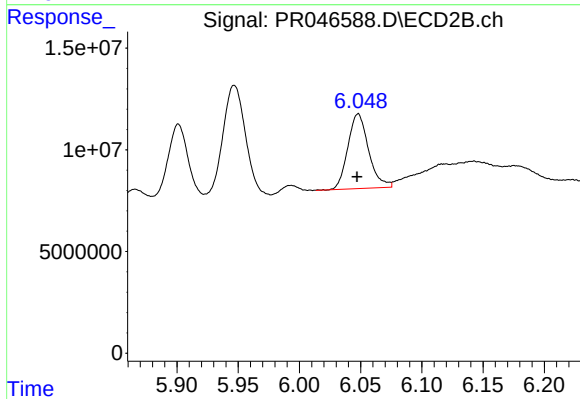
#26 AR-1254-1

R.T.: 5.901 min
Delta R.T.: 0.002 min
Response: 42270358
Conc: 56.45 ng/ml



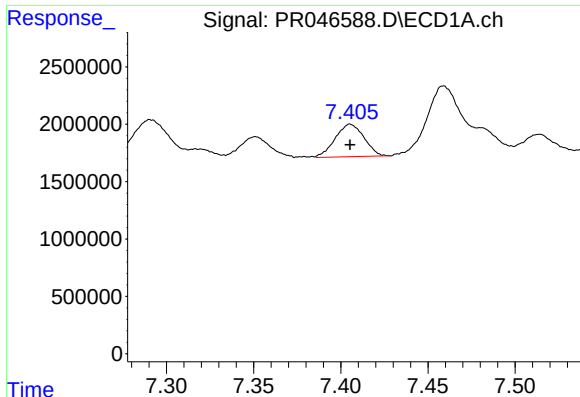
#27 AR-1254-2

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 9157838
Conc: 73.47 ng/ml



#27 AR-1254-2

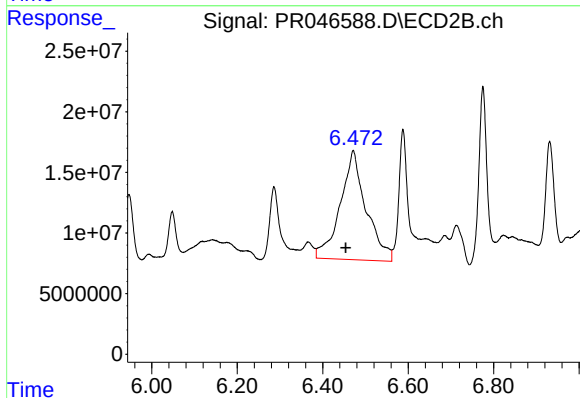
R.T.: 6.048 min
Delta R.T.: 0.001 min
Response: 43422219
Conc: 64.89 ng/ml



#28 AR-1254-3

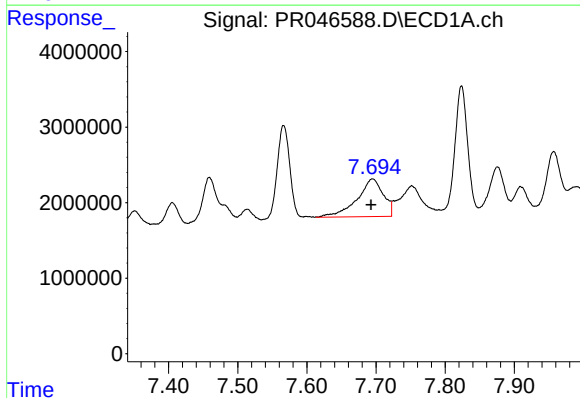
R.T.: 7.405 min
Delta R.T.: 0.000 min
Response: 3252706
Conc: 23.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



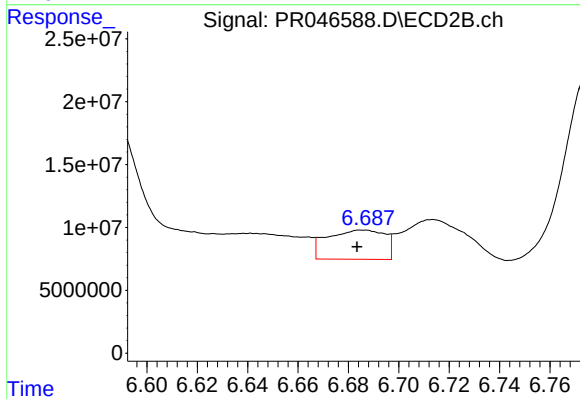
#28 AR-1254-3

R.T.: 6.471 min
Delta R.T.: 0.017 min
Response: 377736876
Conc: 320.27 ng/ml



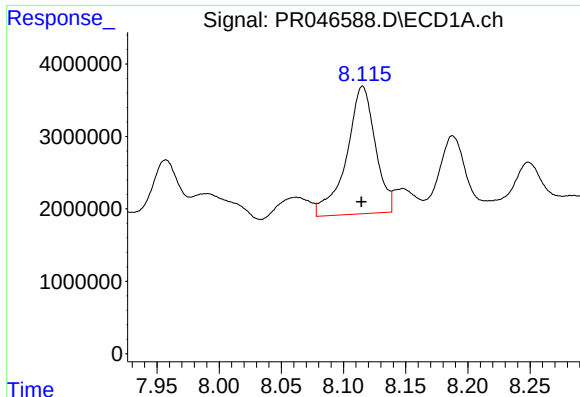
#29 AR-1254-4

R.T.: 7.695 min
Delta R.T.: 0.002 min
Response: 13193633
Conc: 124.61 ng/ml



#29 AR-1254-4

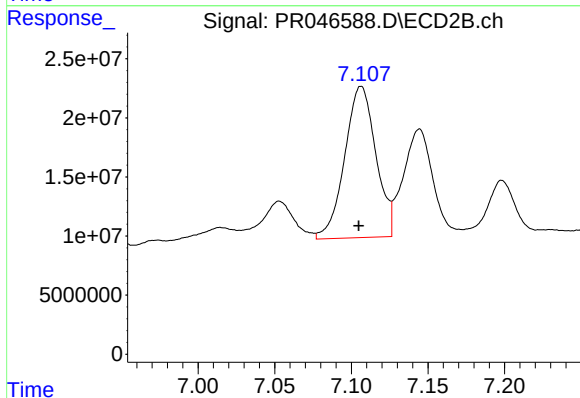
R.T.: 6.686 min
Delta R.T.: 0.002 min
Response: 36840073
Conc: 46.63 ng/ml



#30 AR-1254-5

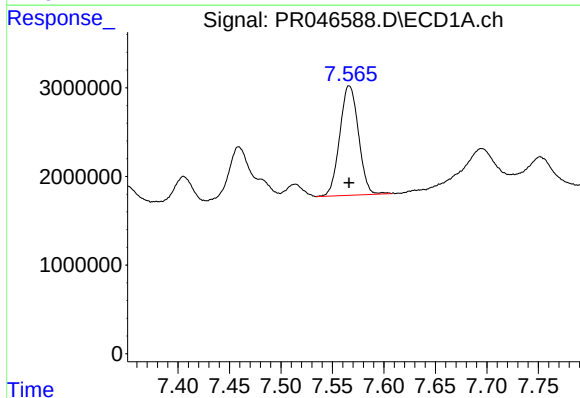
R.T.: 8.115 min
Delta R.T.: 0.000 min
Response: 28401381
Conc: 249.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



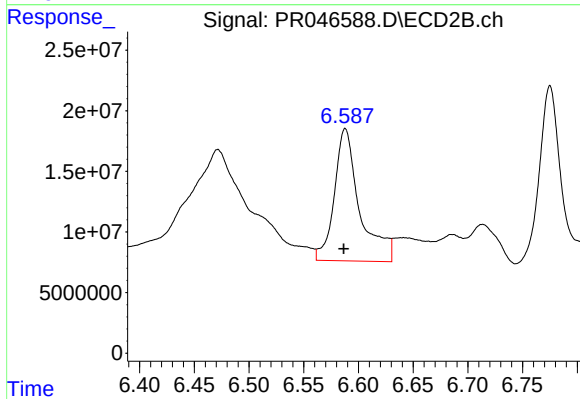
#30 AR-1254-5

R.T.: 7.106 min
Delta R.T.: 0.002 min
Response: 181276099
Conc: 169.64 ng/ml



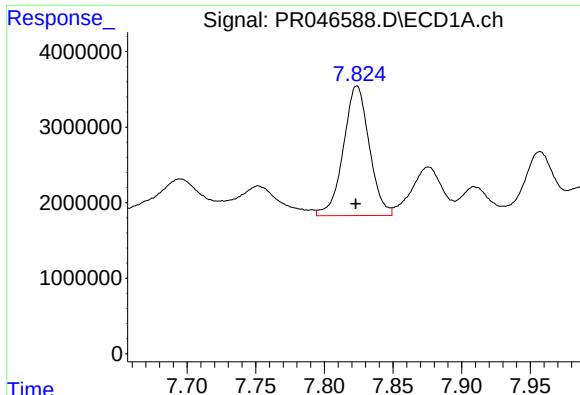
#31 AR-1260-1

R.T.: 7.566 min
Delta R.T.: 0.000 min
Response: 15651908
Conc: 159.08 ng/ml



#31 AR-1260-1

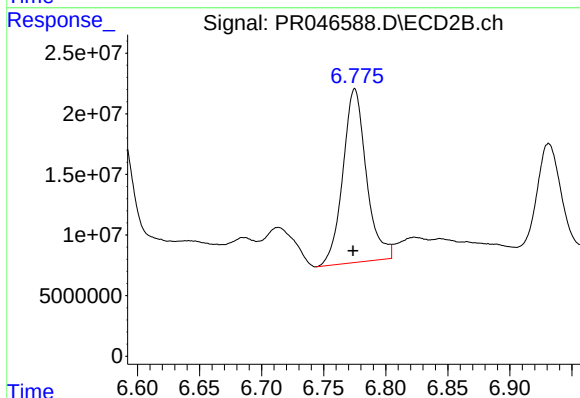
R.T.: 6.588 min
Delta R.T.: 0.002 min
Response: 175413804
Conc: 227.85 ng/ml



#32 AR-1260-2

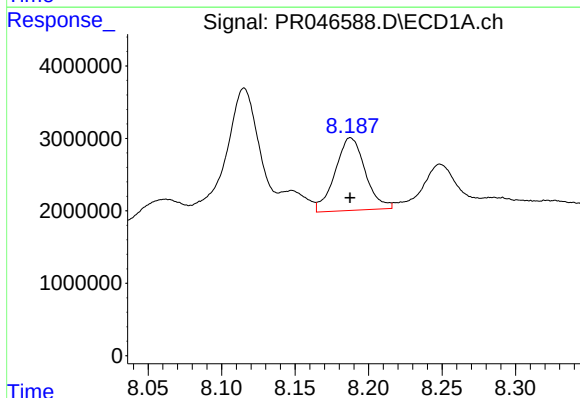
R.T.: 7.824 min
Delta R.T.: 0.000 min
Response: 22521399
Conc: 187.54 ng/ml

Instrument :
ECD_R
ClientSampleId :



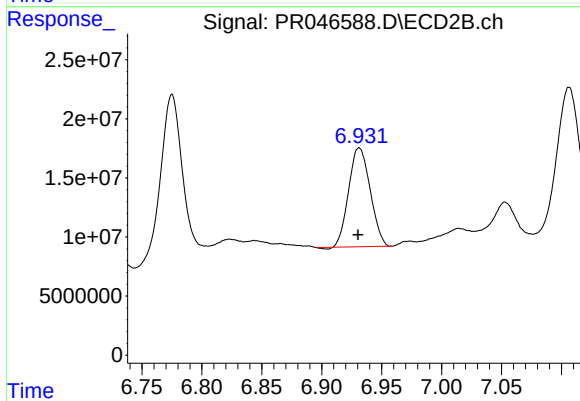
#32 AR-1260-2

R.T.: 6.775 min
Delta R.T.: 0.001 min
Response: 188493180
Conc: 194.50 ng/ml



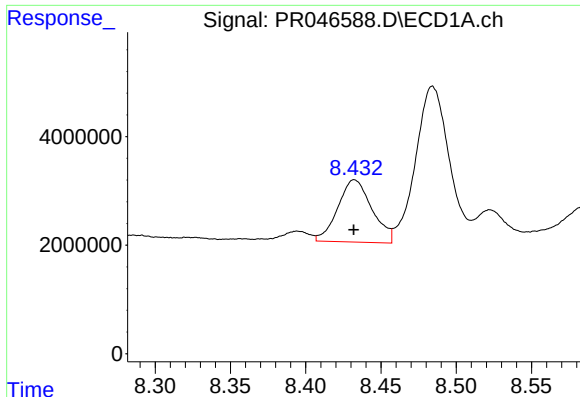
#33 AR-1260-3

R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 14324967
Conc: 157.75 ng/ml



#33 AR-1260-3

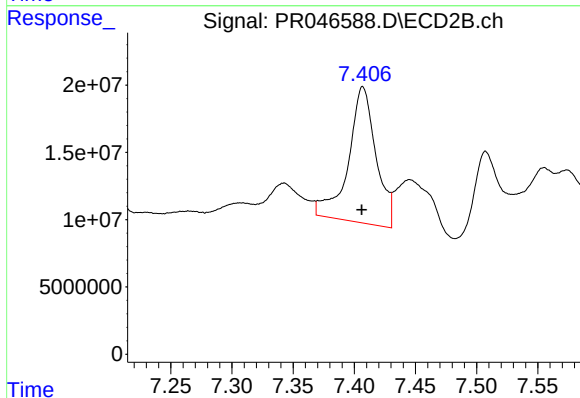
R.T.: 6.931 min
Delta R.T.: 0.000 min
Response: 104132354
Conc: 116.90 ng/ml



#34 AR-1260-4

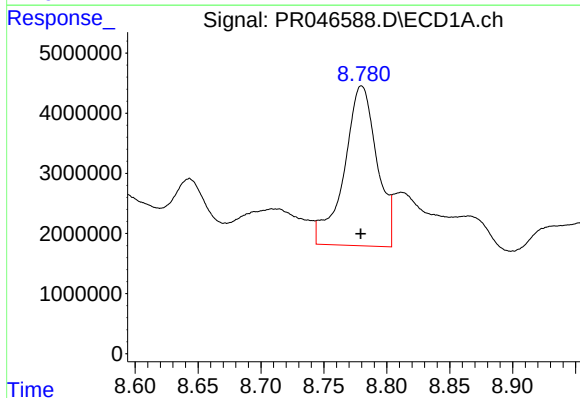
R.T.: 8.432 min
Delta R.T.: 0.000 min
Response: 18177377
Conc: 173.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



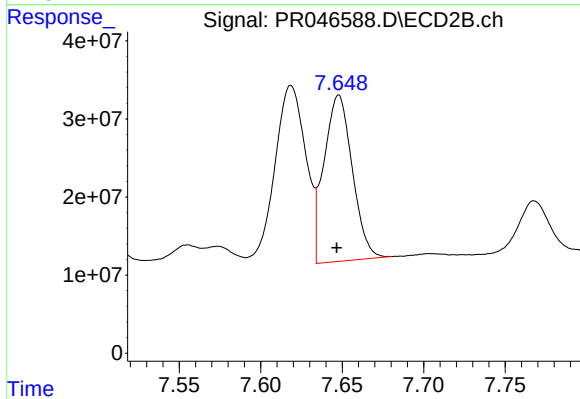
#34 AR-1260-4

R.T.: 7.407 min
Delta R.T.: 0.000 min
Response: 159646392
Conc: 215.38 ng/ml



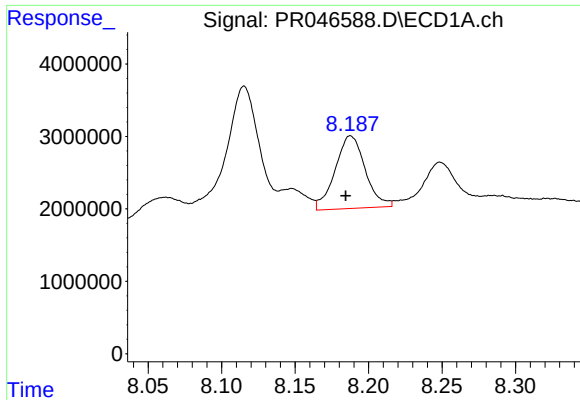
#35 AR-1260-5

R.T.: 8.780 min
Delta R.T.: 0.000 min
Response: 48167510
Conc: 214.09 ng/ml



#35 AR-1260-5

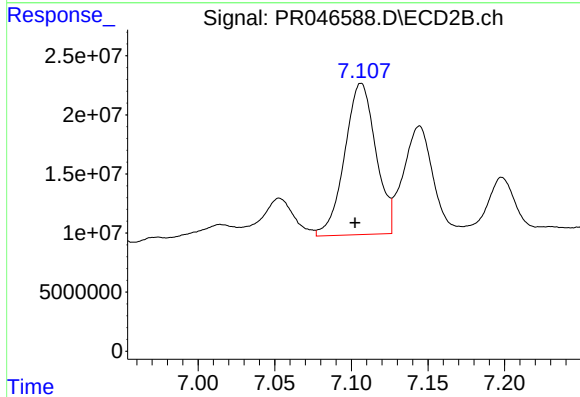
R.T.: 7.648 min
Delta R.T.: 0.001 min
Response: 257159077
Conc: 136.42 ng/ml



#36 AR-1262-1

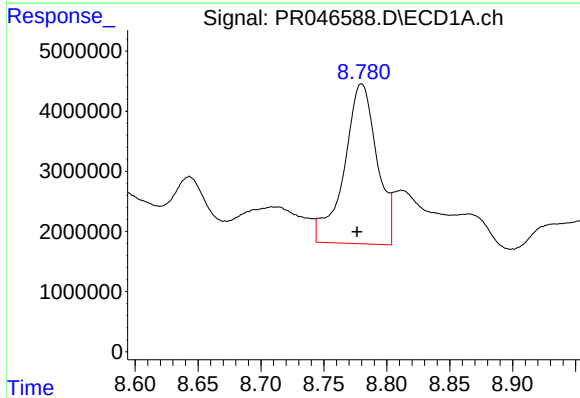
R.T.: 8.188 min
Delta R.T.: 0.003 min
Response: 14324967
Conc: 116.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



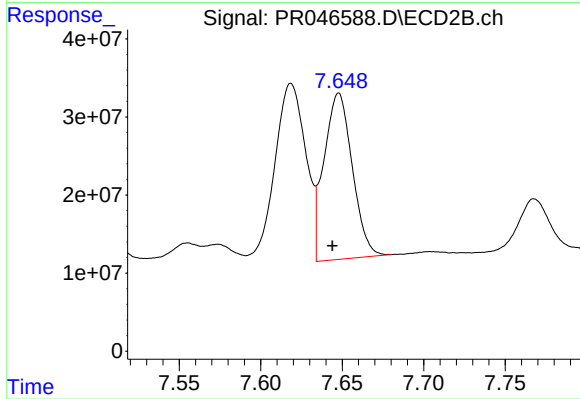
#36 AR-1262-1

R.T.: 7.106 min
Delta R.T.: 0.004 min
Response: 181276099
Conc: 342.60 ng/ml



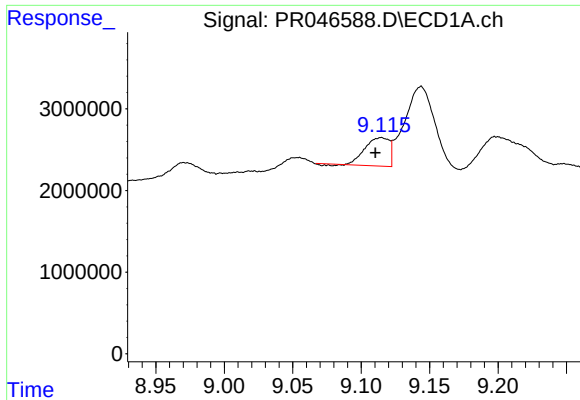
#37 AR-1262-2

R.T.: 8.780 min
Delta R.T.: 0.004 min
Response: 48167510
Conc: 202.44 ng/ml



#37 AR-1262-2

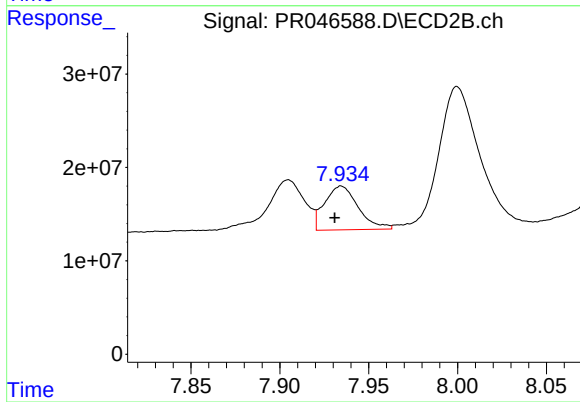
R.T.: 7.648 min
Delta R.T.: 0.004 min
Response: 257159077
Conc: 125.46 ng/ml



#38 AR-1262-3

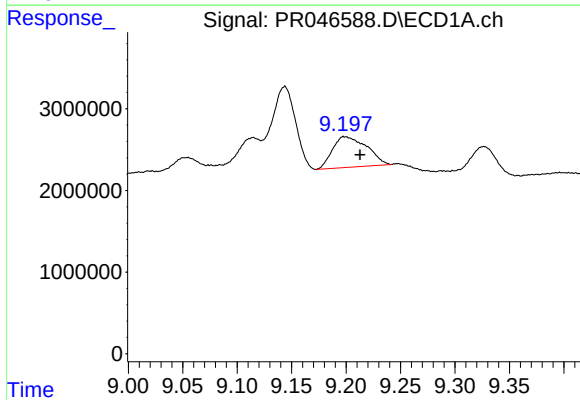
R.T.: 9.115 min
Delta R.T.: 0.004 min
Response: 4268441
Conc: 41.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



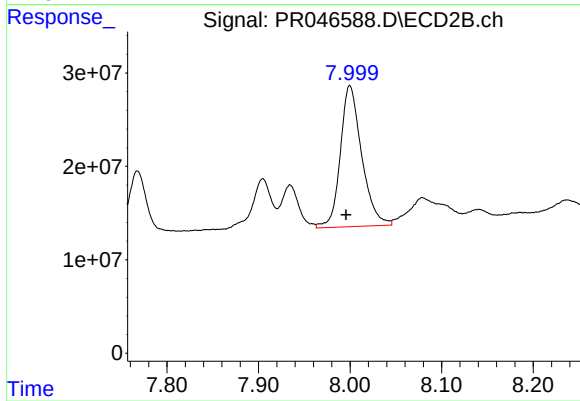
#38 AR-1262-3

R.T.: 7.935 min
Delta R.T.: 0.004 min
Response: 61652419
Conc: 75.86 ng/ml



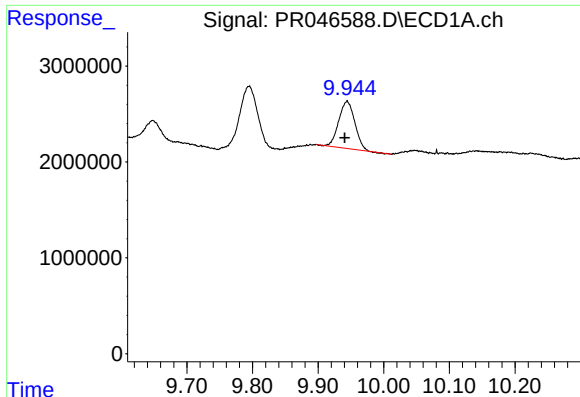
#39 AR-1262-4

R.T.: 9.199 min
Delta R.T.: -0.014 min
Response: 8193386
Conc: 66.95 ng/ml



#39 AR-1262-4

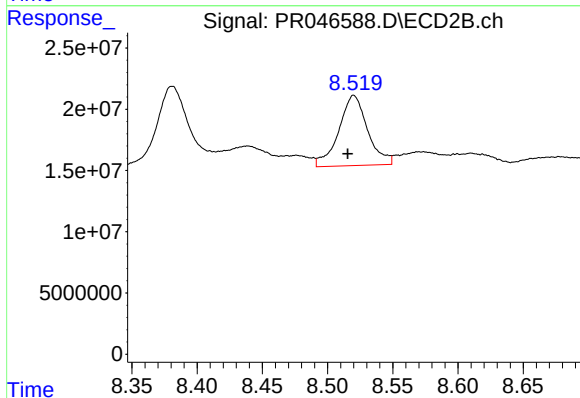
R.T.: 8.000 min
Delta R.T.: 0.004 min
Response: 244852716
Conc: 169.24 ng/ml



#40 AR-1262-5

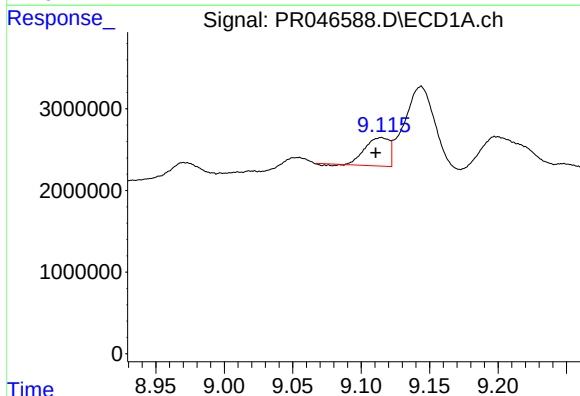
R.T.: 9.944 min
Delta R.T.: 0.003 min
Response: 8324459
Conc: 90.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



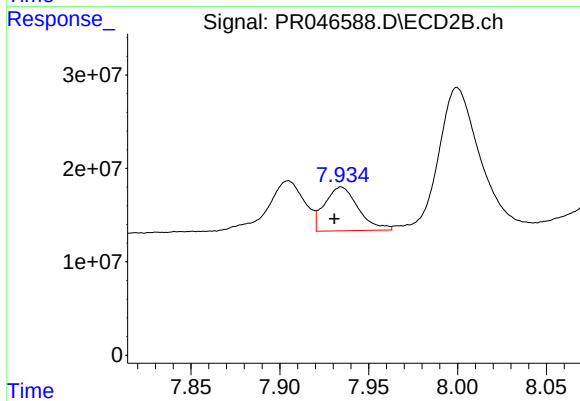
#40 AR-1262-5

R.T.: 8.520 min
Delta R.T.: 0.005 min
Response: 88300043
Conc: 129.94 ng/ml



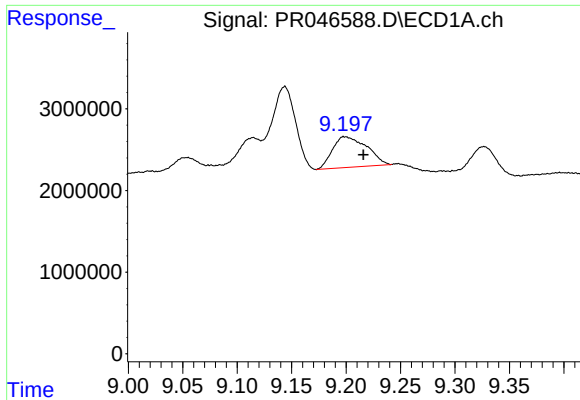
#41 AR-1268-1

R.T.: 9.115 min
Delta R.T.: 0.004 min
Response: 4268441
Conc: 14.71 ng/ml



#41 AR-1268-1

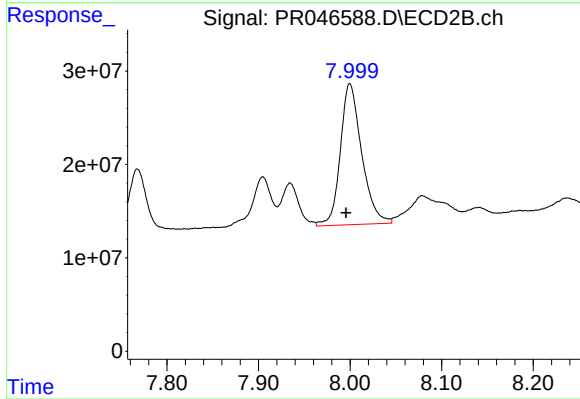
R.T.: 7.935 min
Delta R.T.: 0.004 min
Response: 61652419
Conc: 26.37 ng/ml



#42 AR-1268-2

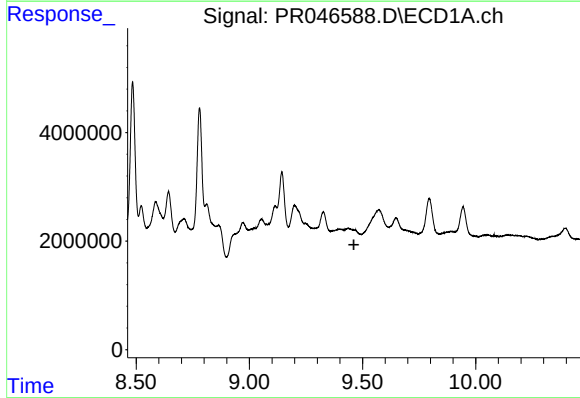
R.T.: 9.199 min
Delta R.T.: -0.017 min
Response: 8193386
Conc: 30.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



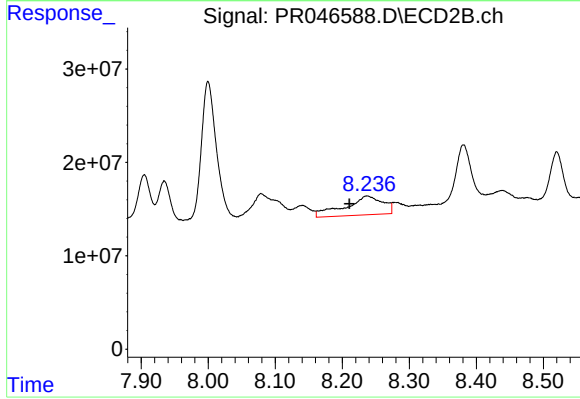
#42 AR-1268-2

R.T.: 8.000 min
Delta R.T.: 0.004 min
Response: 244852716
Conc: 110.74 ng/ml



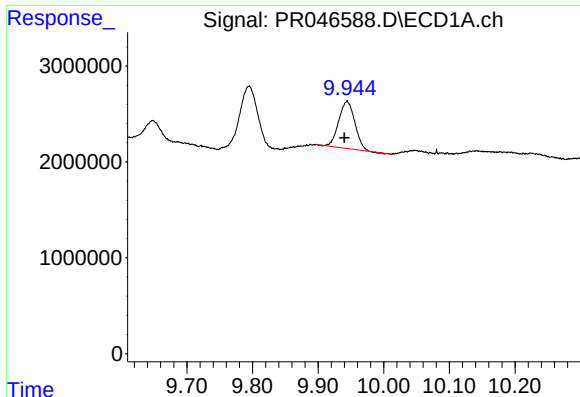
#43 AR-1268-3

R.T.: 0.000 min
Exp R.T. : 9.462 min
Response: 0
Conc: N.D.



#43 AR-1268-3

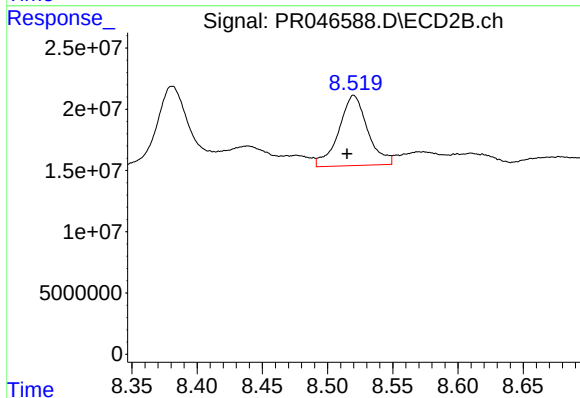
R.T.: 8.237 min
Delta R.T.: 0.026 min
Response: 79589041
Conc: 43.93 ng/ml



#44 AR-1268-4

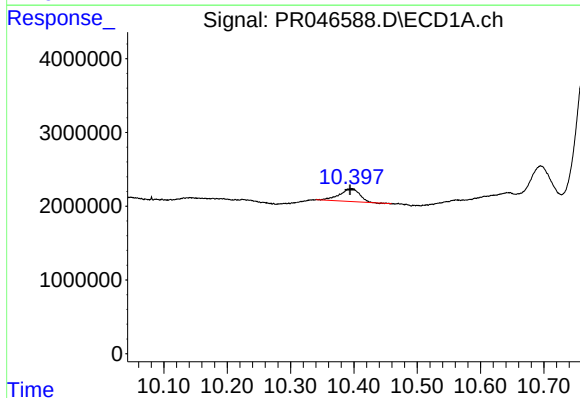
R.T.: 9.944 min
Delta R.T.: 0.004 min
Response: 8324459
Conc: 79.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



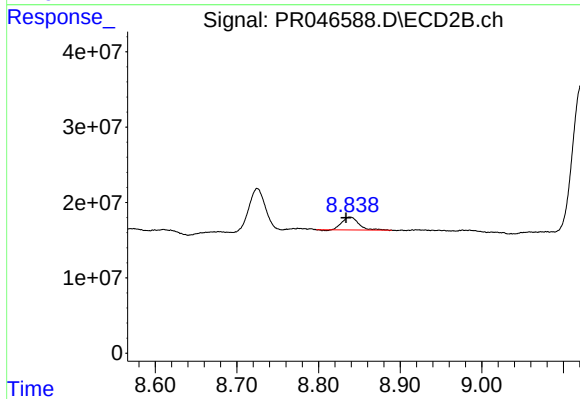
#44 AR-1268-4

R.T.: 8.520 min
Delta R.T.: 0.005 min
Response: 88300043
Conc: 115.00 ng/ml



#45 AR-1268-5

R.T.: 10.397 min
Delta R.T.: 0.003 min
Response: 3700637
Conc: 4.59 ng/ml



#45 AR-1268-5

R.T.: 8.839 min
Delta R.T.: 0.005 min
Response: 24132346
Conc: 4.35 ng/ml