

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR111522\
 Data File : PR058048.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Nov 2022 02:11
 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 05:31:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111522.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Nov 16 05:22:04 2022
 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...	3.694	2.916	101.8E6	148.1E6	52.667	52.532
2)	SA Decachlor...	9.671	8.164	113.5E6	146.4E6	50.486	51.128
Target Compounds							
3)	L1 AR-1016-1	4.927	4.031	37961731	51997163	516.668	508.139
4)	L1 AR-1016-2	4.950	4.049	51079806	71500027	508.883	518.675
5)	L1 AR-1016-3	5.014	4.227	32839061	38026588	511.775	515.009
6)	L1 AR-1016-4	5.118	4.278	27367142	29007932	519.195	506.835
7)	L1 AR-1016-5	5.436	4.494	27723875	38036452	508.131	512.868
8)	L2 AR-1221-1	3.913	3.141	4272319	4971613	158.361	147.858
9)	L2 AR-1221-2	4.006	3.226	5787944	7128560	293.731	275.169
10)	L2 AR-1221-3	4.085	3.304	20411225	25483402	357.527	332.909
11)	L3 AR-1232-1	4.085	3.304	20411225	25483402	474.603	453.733
12)	L3 AR-1232-2	4.639	4.049	27330948	71500027	1064.513	1162.493
13)	L3 AR-1232-3	4.950	4.227	51079806	38026588	1118.597	1157.831
14)	L3 AR-1232-4	5.118	4.319	27367142	34945558	1111.907	1250.596
15)	L3 AR-1232-5	5.223	4.494	21997152	38036452	1210.971	1171.880
16)	L4 AR-1242-1	4.927	4.031	37961731	51997163	633.195	638.180
17)	L4 AR-1242-2	4.950	4.049	51079806	71500027	635.484	644.167
18)	L4 AR-1242-3	5.014	4.227	32839061	38026588	630.807	637.594
19)	L4 AR-1242-4	5.118	4.319	27367142	34945558	639.954	620.489
20)	L4 AR-1242-5	5.914	4.863	4992749	31711225	99.584	402.506 #
21)	L5 AR-1248-1	4.927	4.031	37961731	51997163	834.689	836.771
22)	L5 AR-1248-2	5.223	4.278	21997152	29007932	372.530	361.027
23)	L5 AR-1248-3	5.436	4.319	27723875	34945558	390.874	436.336
24)	L5 AR-1248-4	5.873	4.494	5430172	38036452	65.470	382.583 #
25)	L5 AR-1248-5	5.914	4.905	4992749	6077336	62.049	60.108
26)	L6 AR-1254-1	5.845	4.863	22532289	31711225	258.853	195.565
27)	L6 AR-1254-2	6.084	5.022	24510057	29703051	177.991	205.539
28)	L6 AR-1254-3	6.479	5.444	14002474	15768926	93.465	67.383 #
29)	L6 AR-1254-4	6.791	5.688	9428871	6342130	78.767	41.994 #
30)	L6 AR-1254-5	7.250	6.132	86865583	117.9E6	640.731	526.154
31)	L7 AR-1260-1	6.660	5.583	58262535	78510046	504.832	515.864
32)	L7 AR-1260-2	6.944	5.787	71277322	96794318	502.378	513.853
33)	L7 AR-1260-3	7.337	5.945	48031928	93635008	516.830	500.122
34)	L7 AR-1260-4	7.582	6.451	60010895	69086650	522.546	528.259
35)	L7 AR-1260-5	7.923	6.715	111.2E6	166.9E6	521.639	532.516
36)	L8 AR-1262-1	7.337	6.177	48031928	68934004	321.713	320.755
37)	L8 AR-1262-2	7.923	6.451	111.2E6	69086650	414.197	351.737
38)	L8 AR-1262-3	8.242	7.021	74258189	30835183	401.261	203.147 #
39)	L8 AR-1262-4	8.320	7.086	18732981	125.6E6	132.354	415.968 #
40)	L8 AR-1262-5	8.958	7.625	29825916	38267414	292.728	276.108
41)	L9 AR-1268-1	8.242	7.021	74258189	30835183	230.896	64.409 #

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 Operator : AJ\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

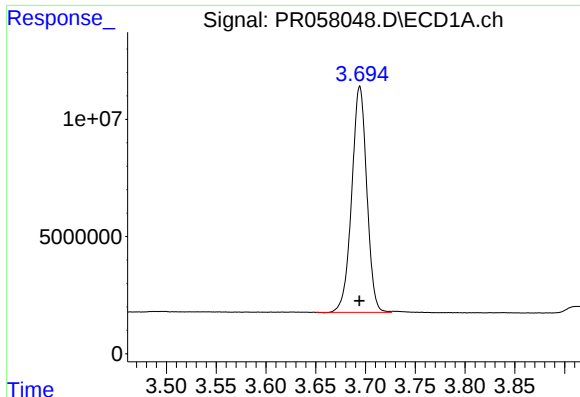
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 16 05:31:11 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR111522.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	8.320	7.086	18732981	125.6E6	64.137	294.635 #
43) L9	AR-1268-3	8.548	7.311	2422348	3085596	9.746	8.608
44) L9	AR-1268-4	8.958	7.625	29825916	38267414	259.981	251.038
45) L9	AR-1268-5	9.352	7.920	10143913	11968394	12.616	10.031

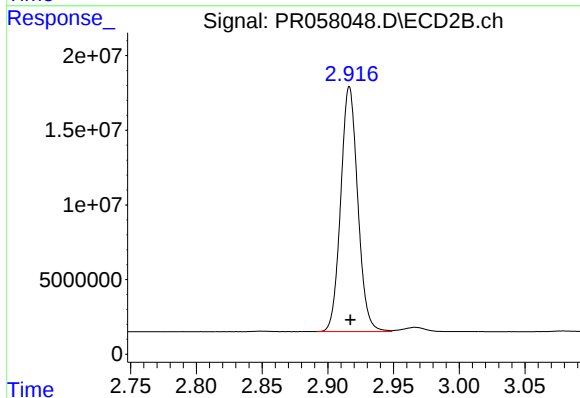
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

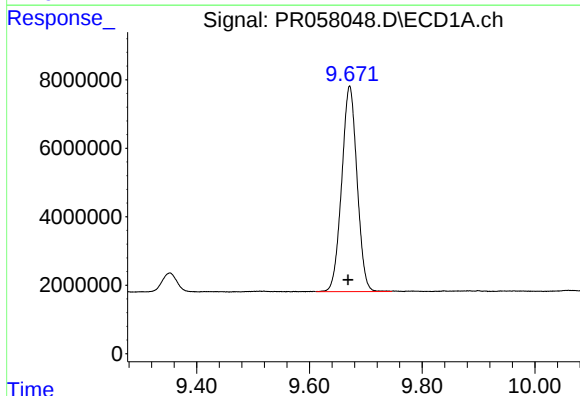
R.T.: 3.694 min
Delta R.T.: 0.000 min
Response: 101752252
Conc: 52.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



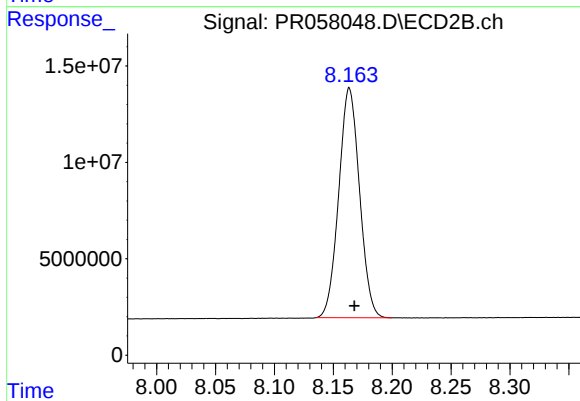
#1 Tetrachloro-m-xylene

R.T.: 2.916 min
Delta R.T.: 0.000 min
Response: 148057853
Conc: 52.53 ng/ml



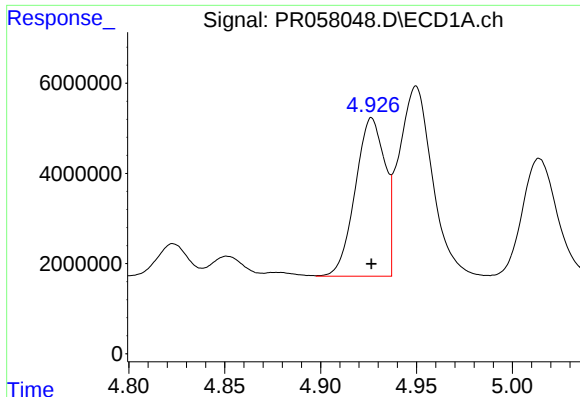
#2 Decachlorobiphenyl

R.T.: 9.671 min
Delta R.T.: 0.003 min
Response: 113545335
Conc: 50.49 ng/ml



#2 Decachlorobiphenyl

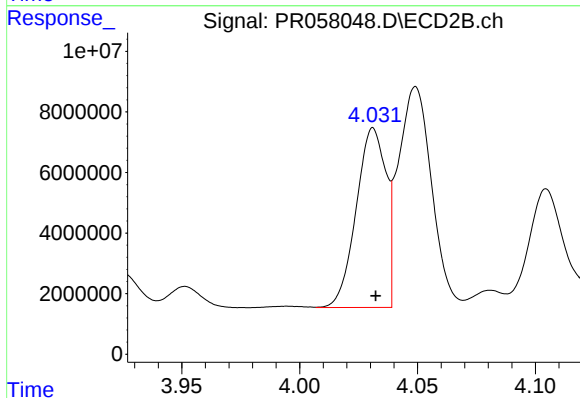
R.T.: 8.164 min
Delta R.T.: -0.004 min
Response: 146358118
Conc: 51.13 ng/ml



#3 AR-1016-1

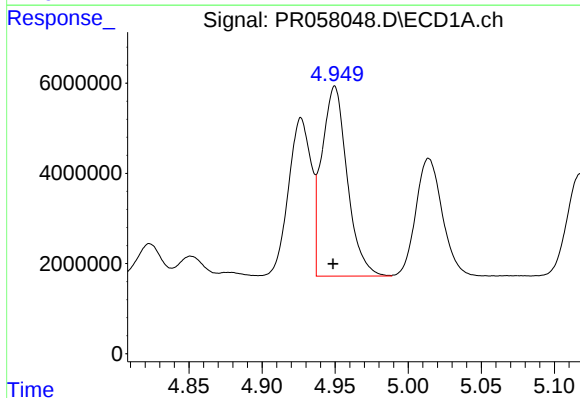
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 37961731
Conc: 516.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



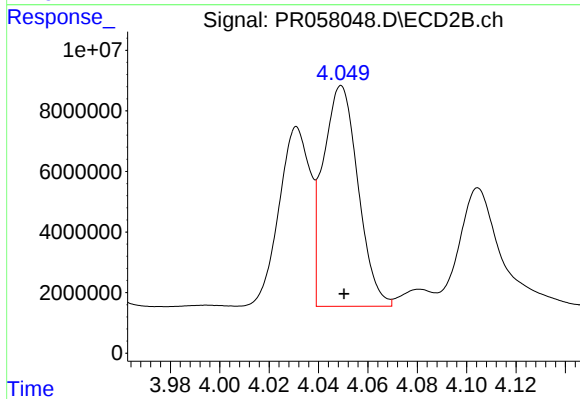
#3 AR-1016-1

R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 51997163
Conc: 508.14 ng/ml



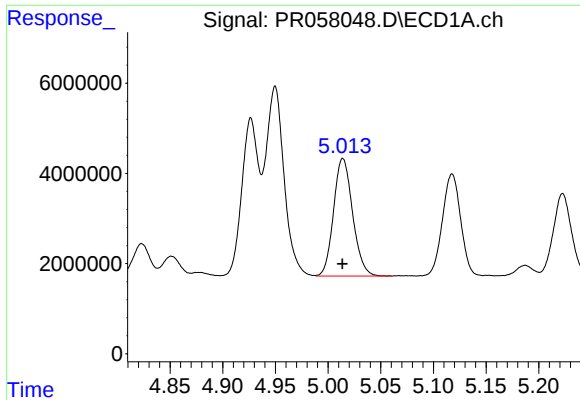
#4 AR-1016-2

R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 51079806
Conc: 508.88 ng/ml



#4 AR-1016-2

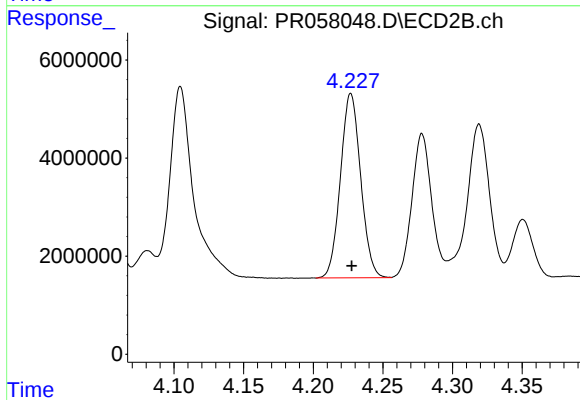
R.T.: 4.049 min
Delta R.T.: -0.001 min
Response: 71500027
Conc: 518.68 ng/ml



#5 AR-1016-3

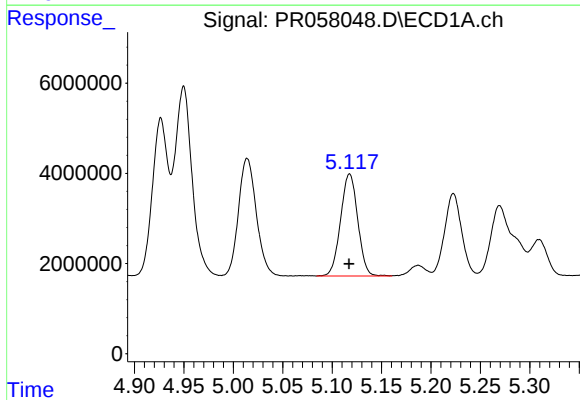
R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 32839061
Conc: 511.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



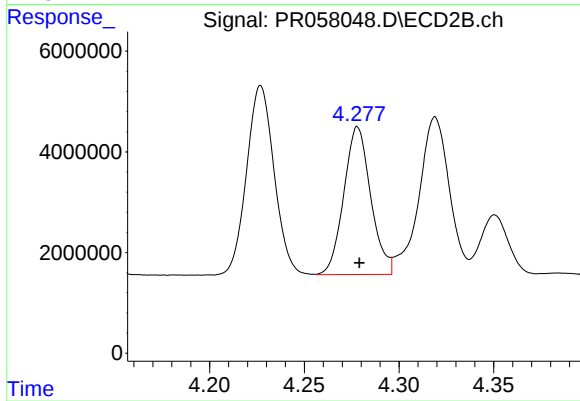
#5 AR-1016-3

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 38026588
Conc: 515.01 ng/ml



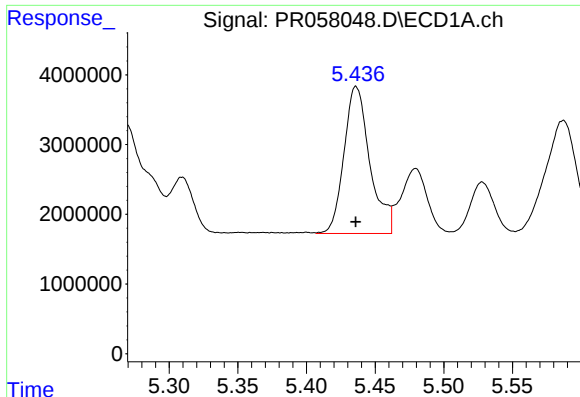
#6 AR-1016-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 27367142
Conc: 519.20 ng/ml



#6 AR-1016-4

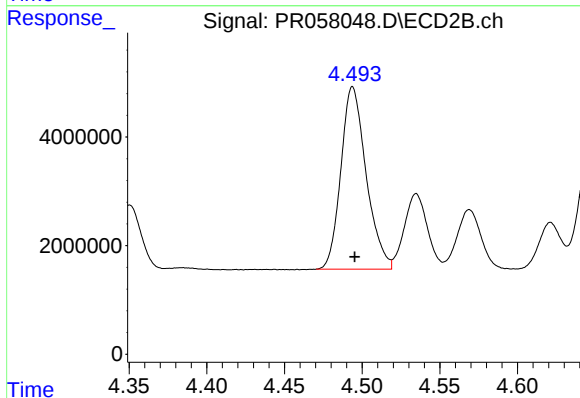
R.T.: 4.278 min
Delta R.T.: -0.001 min
Response: 29007932
Conc: 506.84 ng/ml



#7 AR-1016-5

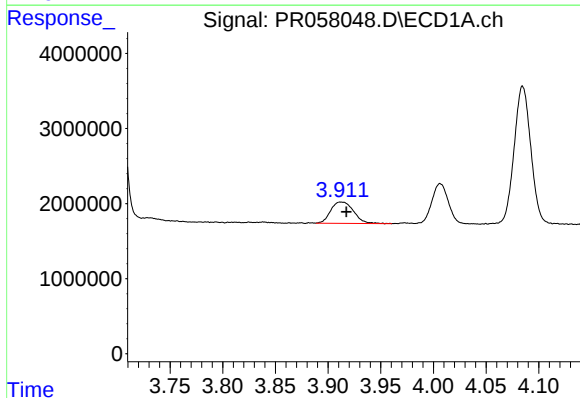
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 27723875
Conc: 508.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



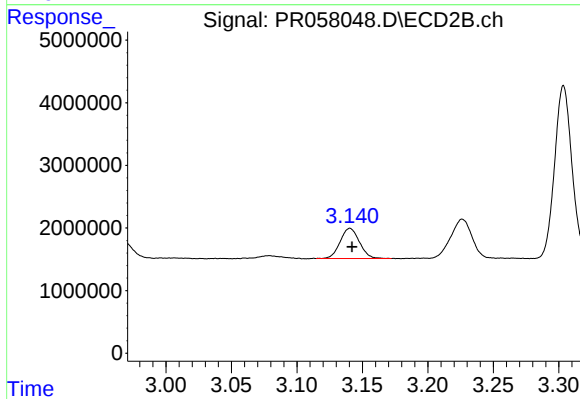
#7 AR-1016-5

R.T.: 4.494 min
Delta R.T.: -0.001 min
Response: 38036452
Conc: 512.87 ng/ml



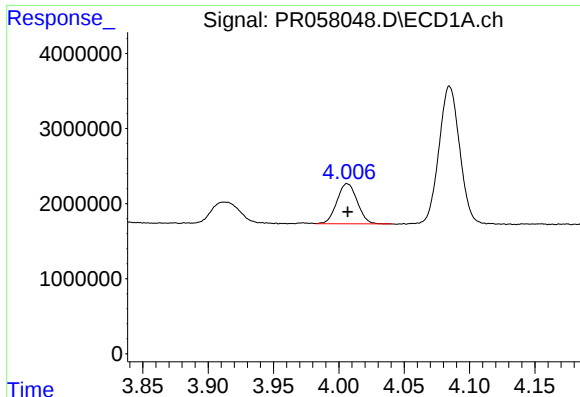
#8 AR-1221-1

R.T.: 3.913 min
Delta R.T.: -0.005 min
Response: 4272319
Conc: 158.36 ng/ml



#8 AR-1221-1

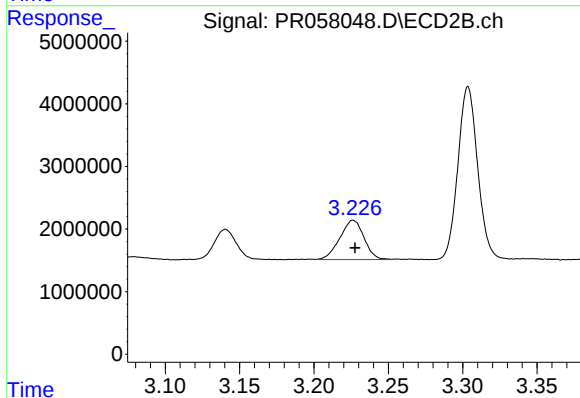
R.T.: 3.141 min
Delta R.T.: -0.001 min
Response: 4971613
Conc: 147.86 ng/ml



#9 AR-1221-2

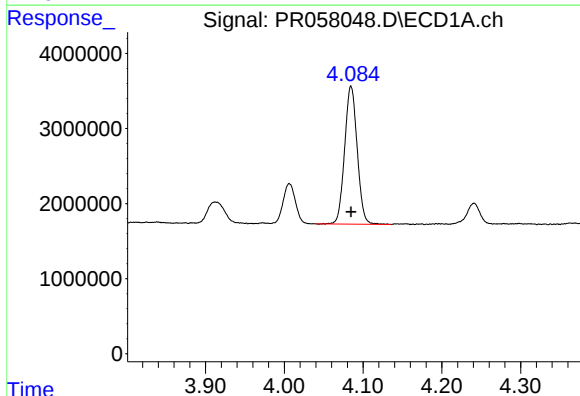
R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 5787944
Conc: 293.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



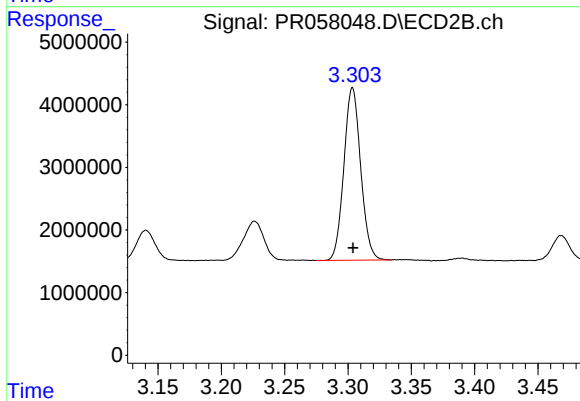
#9 AR-1221-2

R.T.: 3.226 min
Delta R.T.: -0.001 min
Response: 7128560
Conc: 275.17 ng/ml



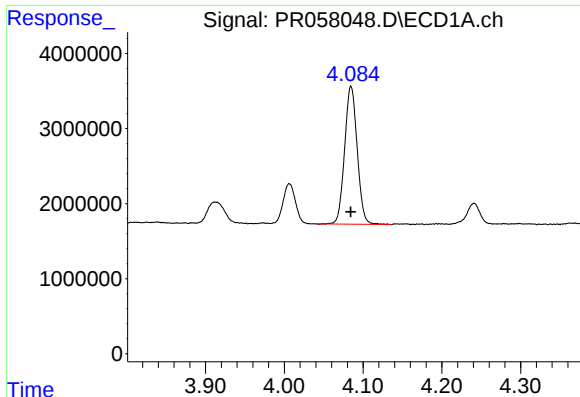
#10 AR-1221-3

R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 20411225
Conc: 357.53 ng/ml



#10 AR-1221-3

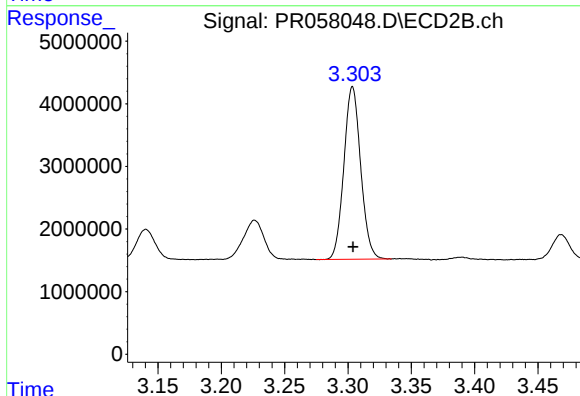
R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 25483402
Conc: 332.91 ng/ml



#11 AR-1232-1

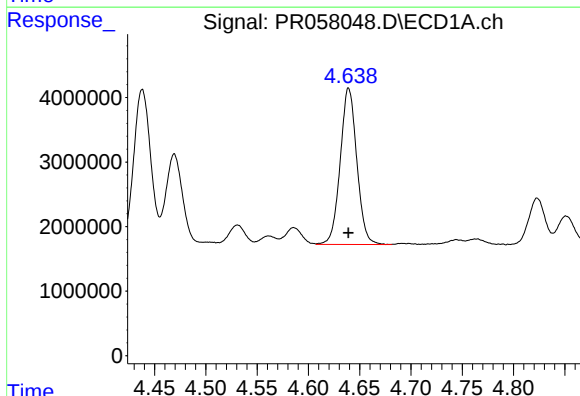
R.T.: 4.085 min
Delta R.T.: 0.000 min
Response: 20411225
Conc: 474.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



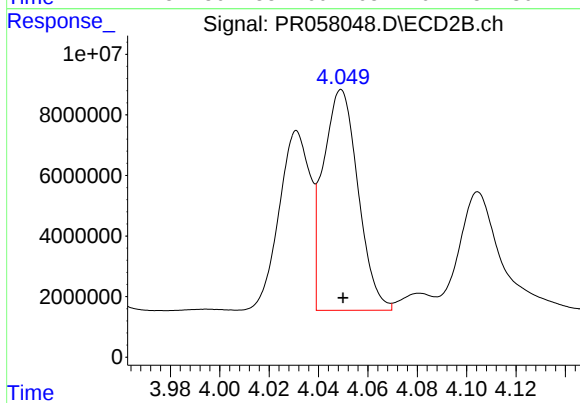
#11 AR-1232-1

R.T.: 3.304 min
Delta R.T.: 0.000 min
Response: 25483402
Conc: 453.73 ng/ml



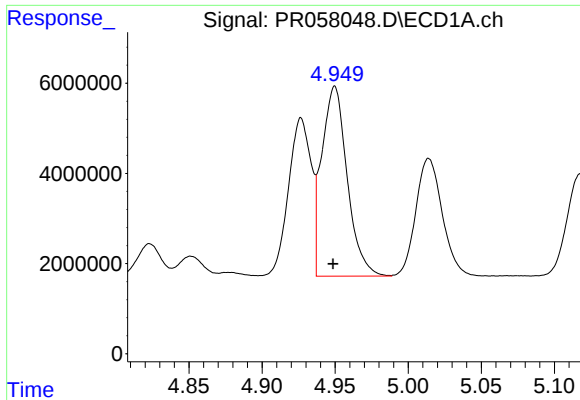
#12 AR-1232-2

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 27330948
Conc: 1064.51 ng/ml



#12 AR-1232-2

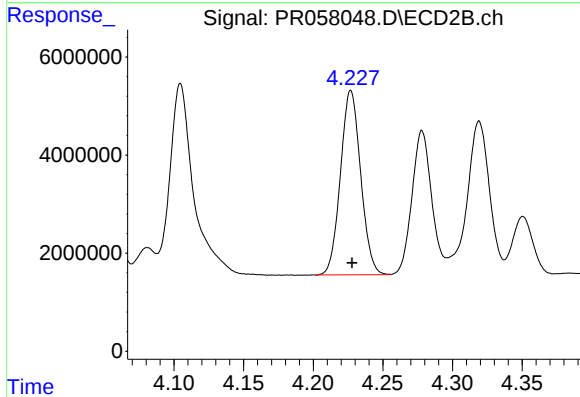
R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 71500027
Conc: 1162.49 ng/ml



#13 AR-1232-3

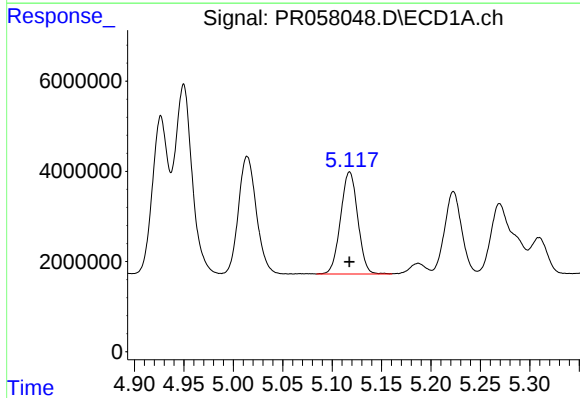
R.T.: 4.950 min
Delta R.T.: 0.001 min
Response: 51079806
Conc: 1118.60 ng/ml

Instrument :
ECD_R
ClientSampleId :



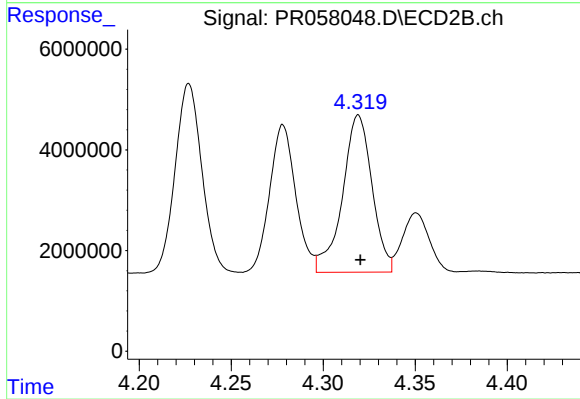
#13 AR-1232-3

R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 38026588
Conc: 1157.83 ng/ml



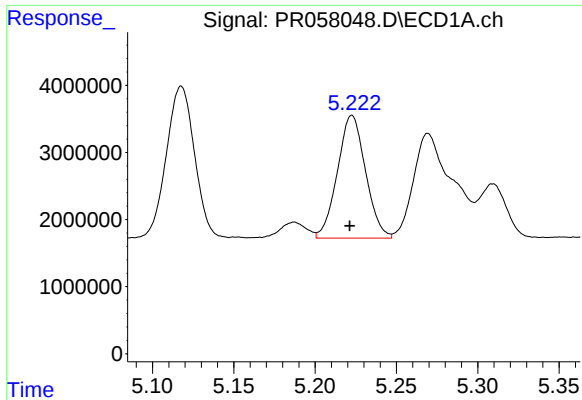
#14 AR-1232-4

R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 27367142
Conc: 1111.91 ng/ml



#14 AR-1232-4

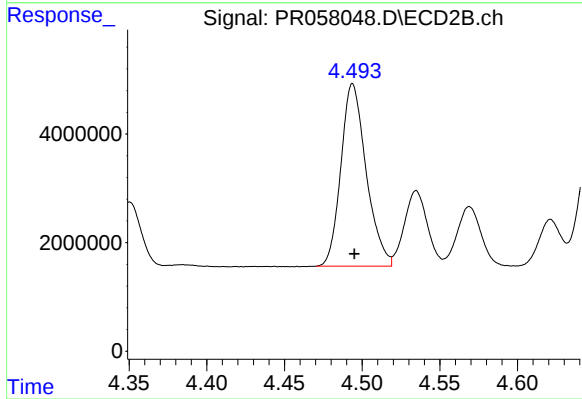
R.T.: 4.319 min
Delta R.T.: -0.001 min
Response: 34945558
Conc: 1250.60 ng/ml



#15 AR-1232-5

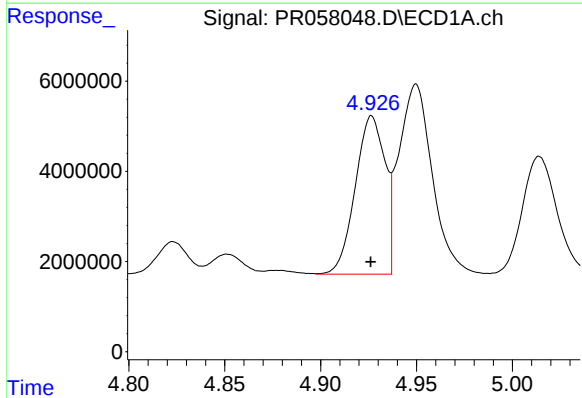
R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 21997152
Conc: 1210.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



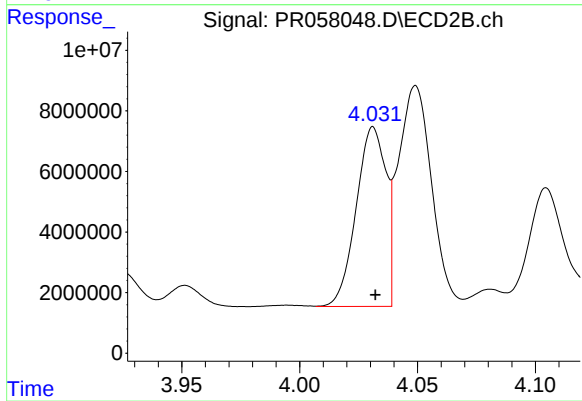
#15 AR-1232-5

R.T.: 4.494 min
Delta R.T.: -0.001 min
Response: 38036452
Conc: 1171.88 ng/ml



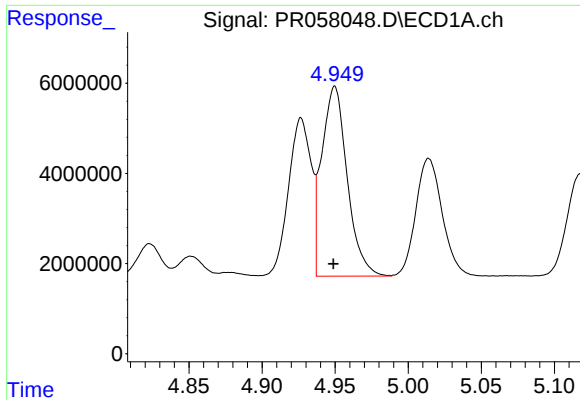
#16 AR-1242-1

R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 37961731
Conc: 633.20 ng/ml



#16 AR-1242-1

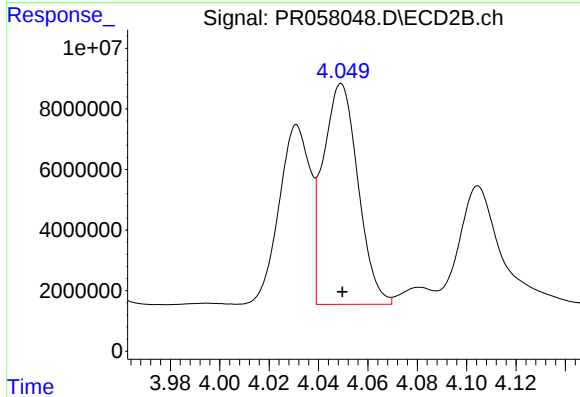
R.T.: 4.031 min
Delta R.T.: -0.001 min
Response: 51997163
Conc: 638.18 ng/ml



#17 AR-1242-2

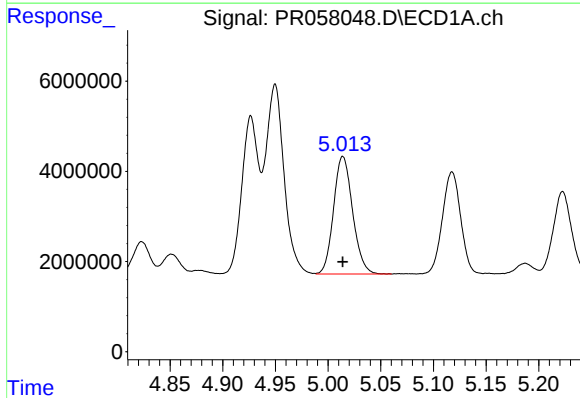
R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 51079806
Conc: 635.48 ng/ml

Instrument :
ECD_R
ClientSampleId :



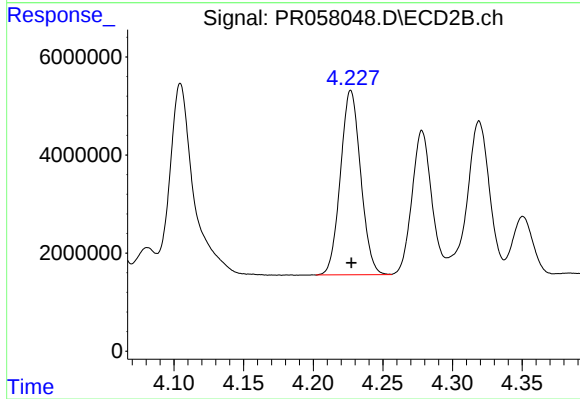
#17 AR-1242-2

R.T.: 4.049 min
Delta R.T.: 0.000 min
Response: 71500027
Conc: 644.17 ng/ml



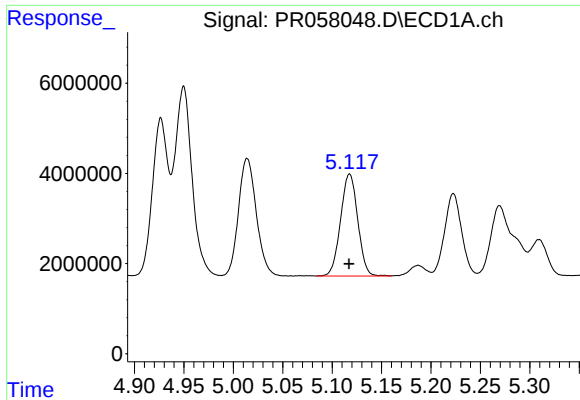
#18 AR-1242-3

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 32839061
Conc: 630.81 ng/ml



#18 AR-1242-3

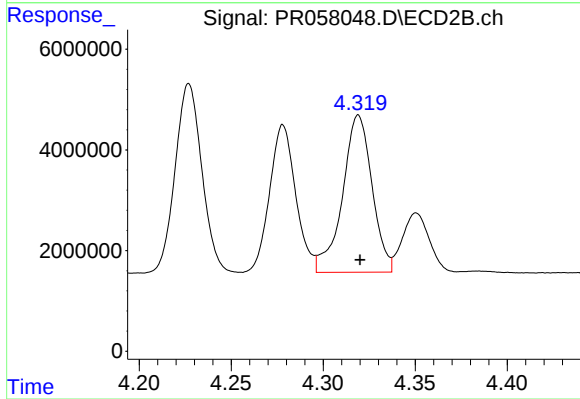
R.T.: 4.227 min
Delta R.T.: 0.000 min
Response: 38026588
Conc: 637.59 ng/ml



#19 AR-1242-4

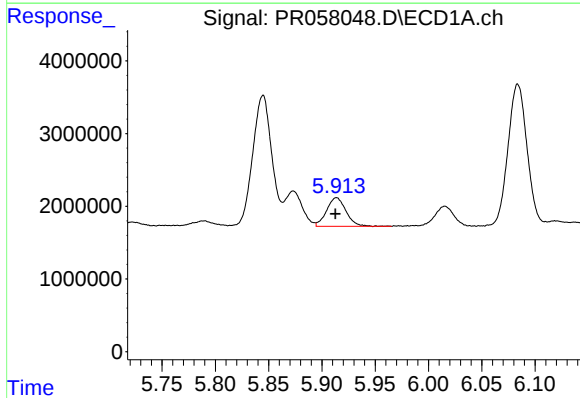
R.T.: 5.118 min
Delta R.T.: 0.000 min
Response: 27367142
Conc: 639.95 ng/ml

Instrument :
ECD_R
ClientSampleId :



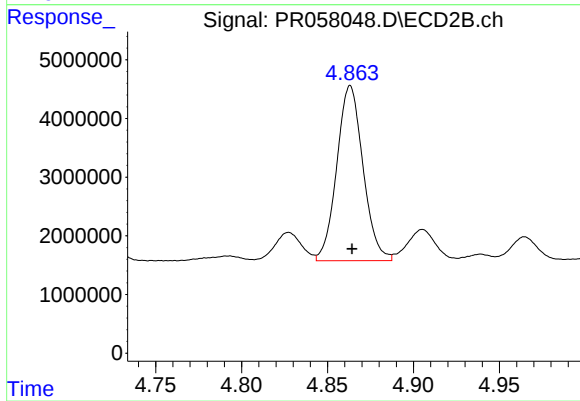
#19 AR-1242-4

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 34945558
Conc: 620.49 ng/ml



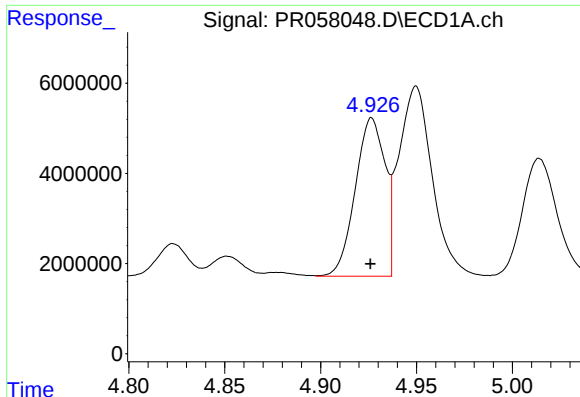
#20 AR-1242-5

R.T.: 5.914 min
Delta R.T.: 0.001 min
Response: 4992749
Conc: 99.58 ng/ml



#20 AR-1242-5

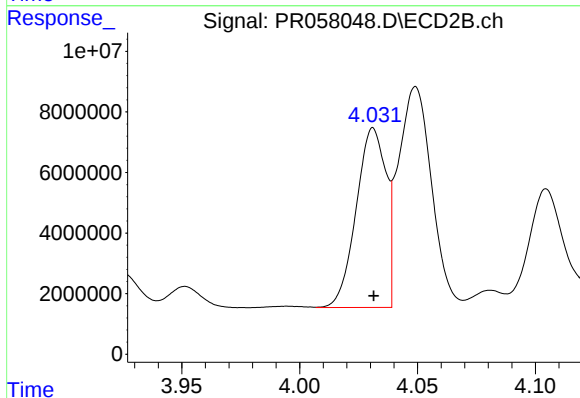
R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 31711225
Conc: 402.51 ng/ml



#21 AR-1248-1

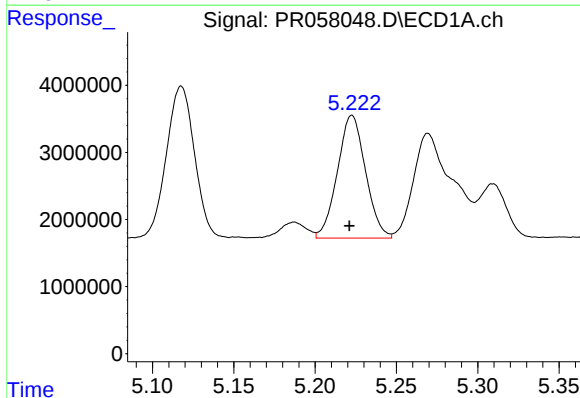
R.T.: 4.927 min
Delta R.T.: 0.000 min
Response: 37961731
Conc: 834.69 ng/ml

Instrument :
ECD_R
ClientSampleId :



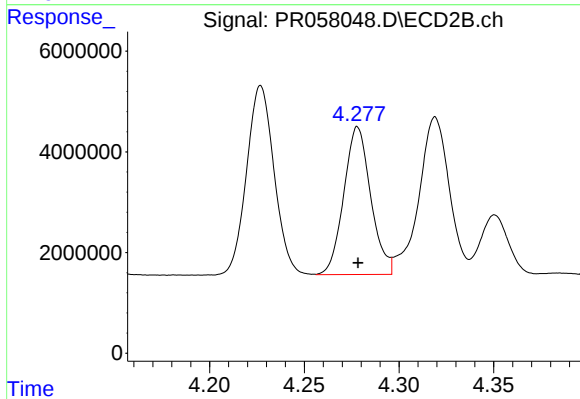
#21 AR-1248-1

R.T.: 4.031 min
Delta R.T.: 0.000 min
Response: 51997163
Conc: 836.77 ng/ml



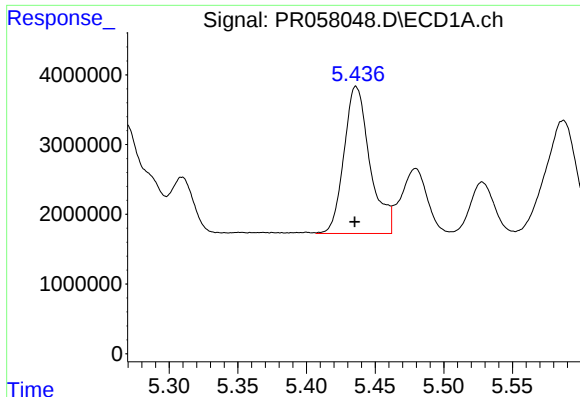
#22 AR-1248-2

R.T.: 5.223 min
Delta R.T.: 0.001 min
Response: 21997152
Conc: 372.53 ng/ml



#22 AR-1248-2

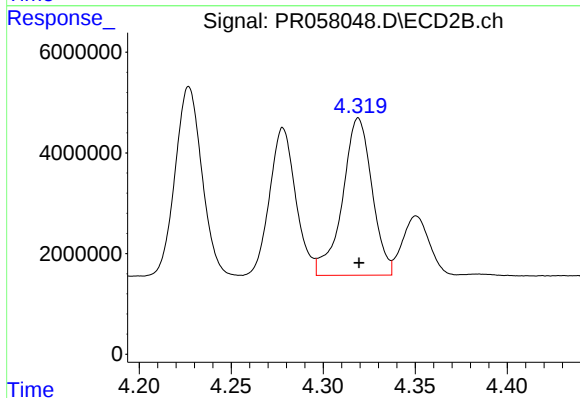
R.T.: 4.278 min
Delta R.T.: 0.000 min
Response: 29007932
Conc: 361.03 ng/ml



#23 AR-1248-3

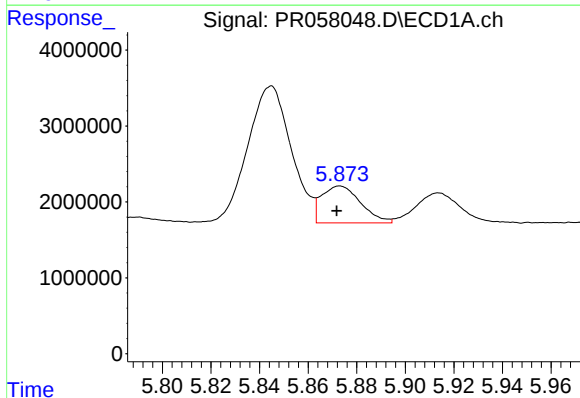
R.T.: 5.436 min
Delta R.T.: 0.000 min
Response: 27723875
Conc: 390.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



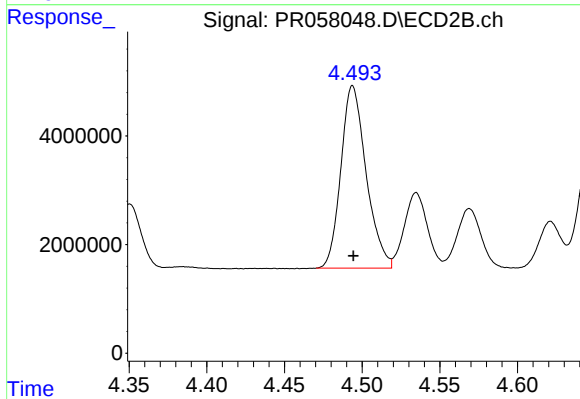
#23 AR-1248-3

R.T.: 4.319 min
Delta R.T.: 0.000 min
Response: 34945558
Conc: 436.34 ng/ml



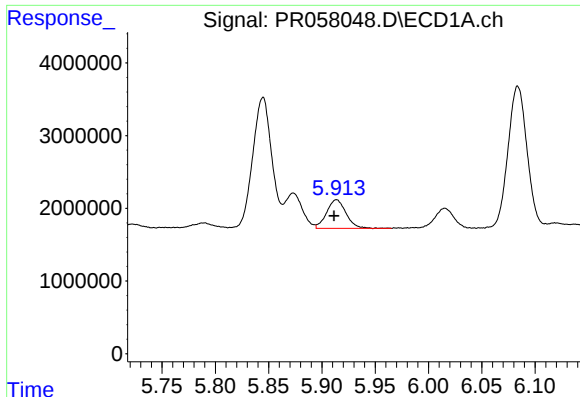
#24 AR-1248-4

R.T.: 5.873 min
Delta R.T.: 0.001 min
Response: 5430172
Conc: 65.47 ng/ml



#24 AR-1248-4

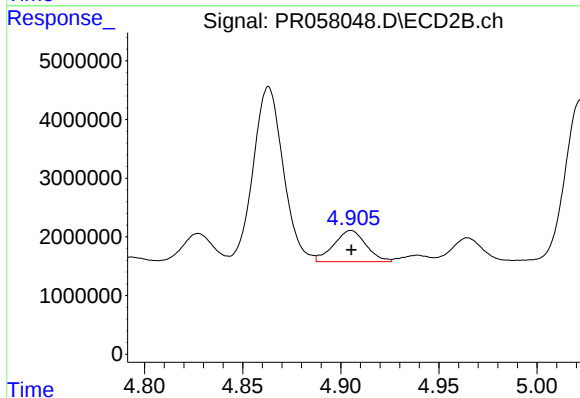
R.T.: 4.494 min
Delta R.T.: 0.000 min
Response: 38036452
Conc: 382.58 ng/ml



#25 AR-1248-5

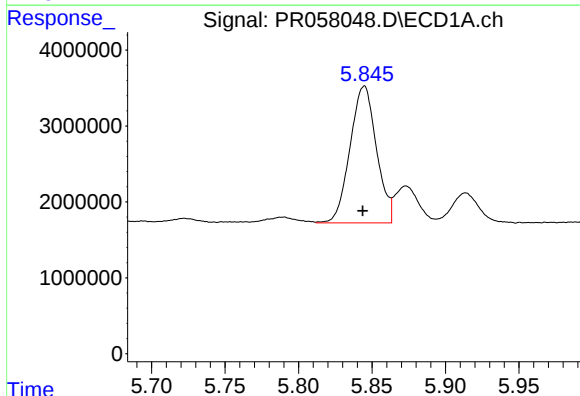
R.T.: 5.914 min
Delta R.T.: 0.002 min
Response: 4992749
Conc: 62.05 ng/ml

Instrument :
ECD_R
ClientSampleId :



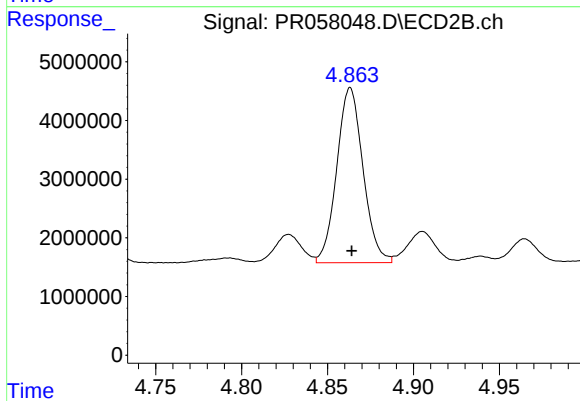
#25 AR-1248-5

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 6077336
Conc: 60.11 ng/ml



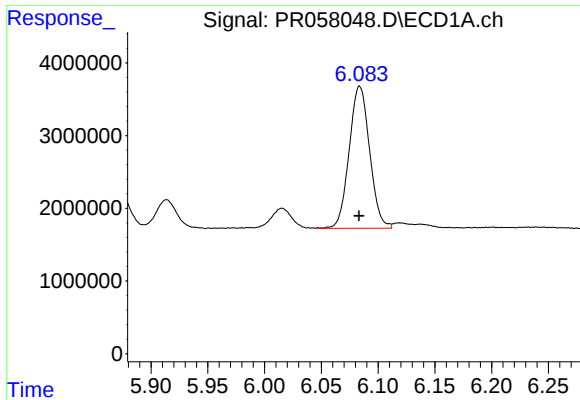
#26 AR-1254-1

R.T.: 5.845 min
Delta R.T.: 0.001 min
Response: 22532289
Conc: 258.85 ng/ml



#26 AR-1254-1

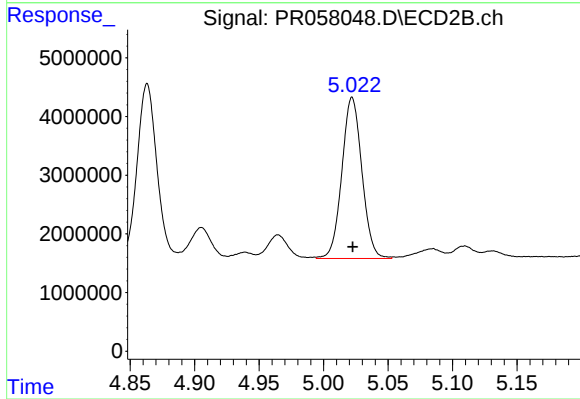
R.T.: 4.863 min
Delta R.T.: 0.000 min
Response: 31711225
Conc: 195.57 ng/ml



#27 AR-1254-2

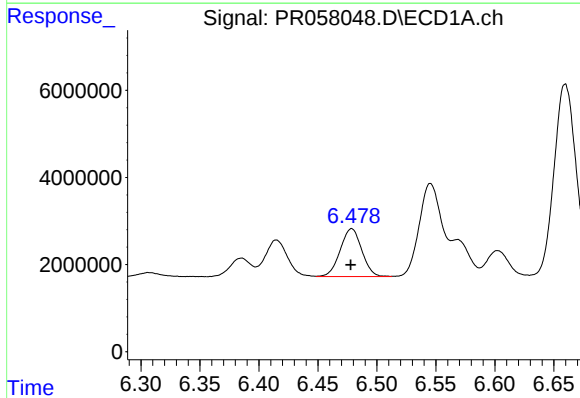
R.T.: 6.084 min
Delta R.T.: 0.000 min
Response: 24510057
Conc: 177.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



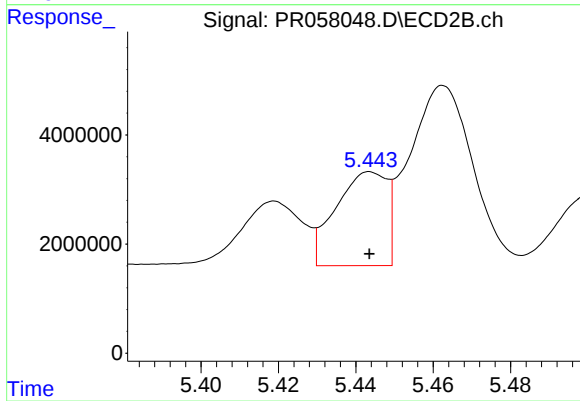
#27 AR-1254-2

R.T.: 5.022 min
Delta R.T.: 0.000 min
Response: 29703051
Conc: 205.54 ng/ml



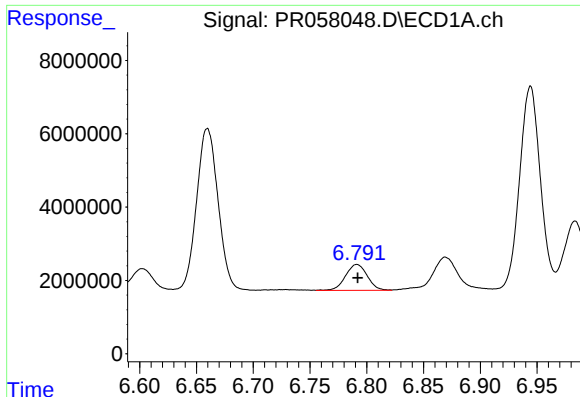
#28 AR-1254-3

R.T.: 6.479 min
Delta R.T.: 0.000 min
Response: 14002474
Conc: 93.47 ng/ml



#28 AR-1254-3

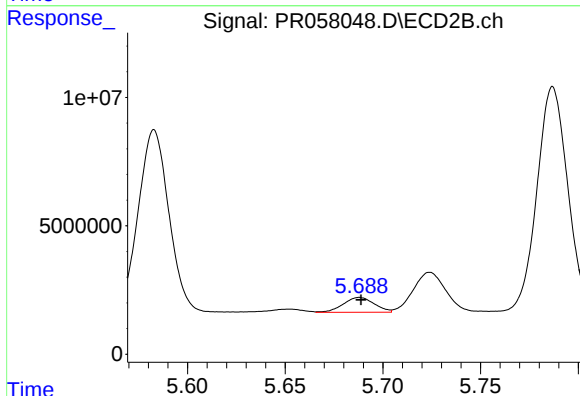
R.T.: 5.444 min
Delta R.T.: 0.000 min
Response: 15768926
Conc: 67.38 ng/ml



#29 AR-1254-4

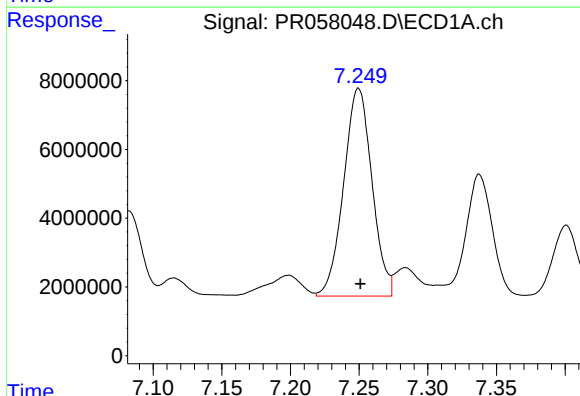
R.T.: 6.791 min
Delta R.T.: 0.000 min
Response: 9428871
Conc: 78.77 ng/ml

Instrument :
ECD_R
ClientSampleId :



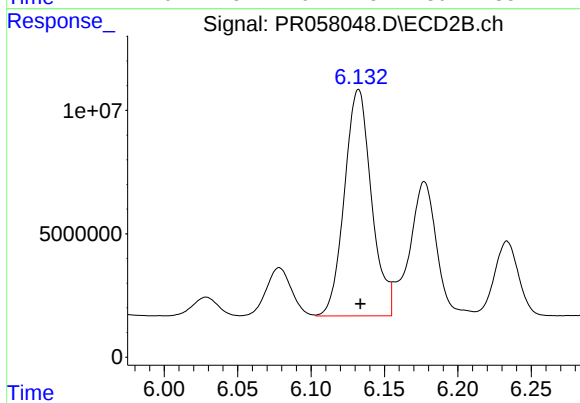
#29 AR-1254-4

R.T.: 5.688 min
Delta R.T.: 0.000 min
Response: 6342130
Conc: 41.99 ng/ml



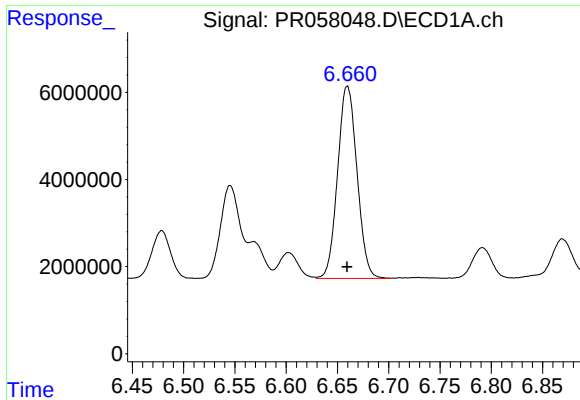
#30 AR-1254-5

R.T.: 7.250 min
Delta R.T.: -0.001 min
Response: 86865583
Conc: 640.73 ng/ml



#30 AR-1254-5

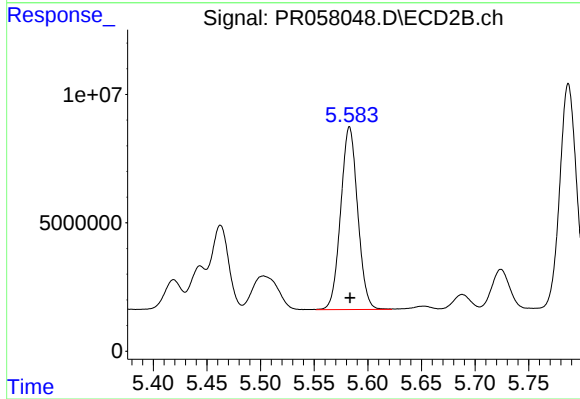
R.T.: 6.132 min
Delta R.T.: -0.001 min
Response: 117884185
Conc: 526.15 ng/ml



#31 AR-1260-1

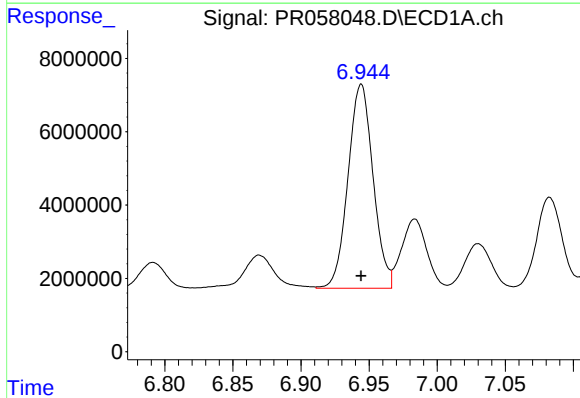
R.T.: 6.660 min
Delta R.T.: 0.000 min
Response: 58262535
Conc: 504.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



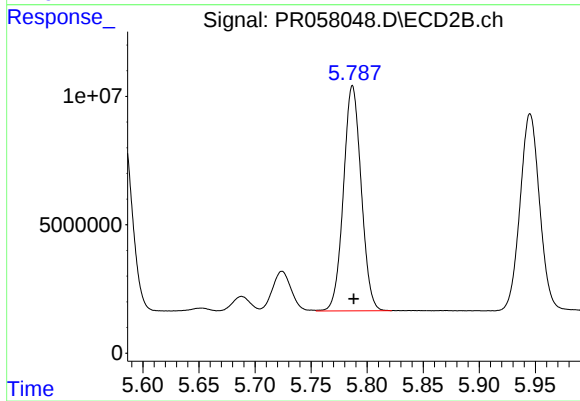
#31 AR-1260-1

R.T.: 5.583 min
Delta R.T.: 0.000 min
Response: 78510046
Conc: 515.86 ng/ml



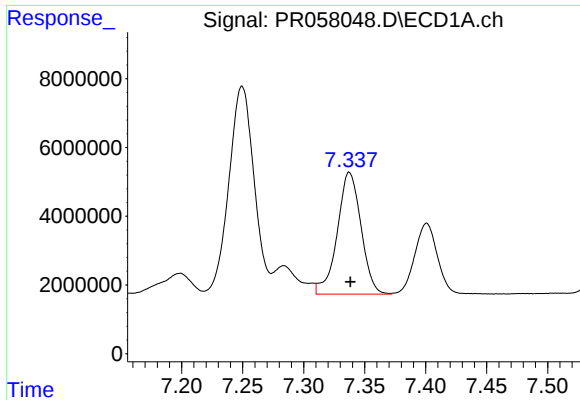
#32 AR-1260-2

R.T.: 6.944 min
Delta R.T.: 0.000 min
Response: 71277322
Conc: 502.38 ng/ml



#32 AR-1260-2

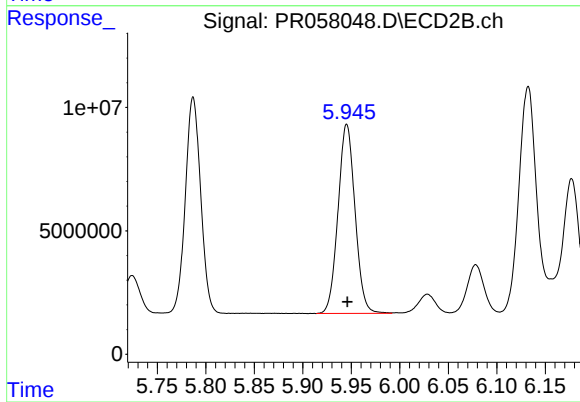
R.T.: 5.787 min
Delta R.T.: -0.001 min
Response: 96794318
Conc: 513.85 ng/ml



#33 AR-1260-3

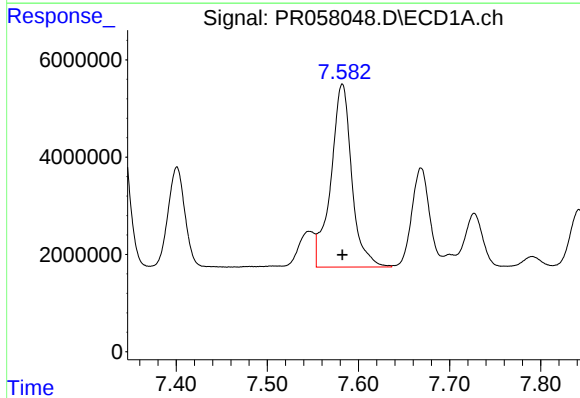
R.T.: 7.337 min
Delta R.T.: -0.001 min
Response: 48031928
Conc: 516.83 ng/ml

Instrument :
ECD_R
ClientSampleId :



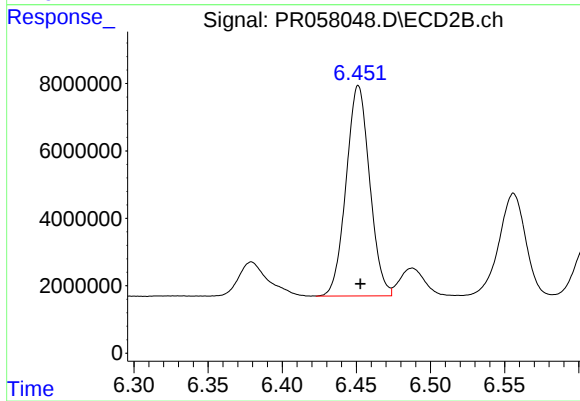
#33 AR-1260-3

R.T.: 5.945 min
Delta R.T.: 0.000 min
Response: 93635008
Conc: 500.12 ng/ml



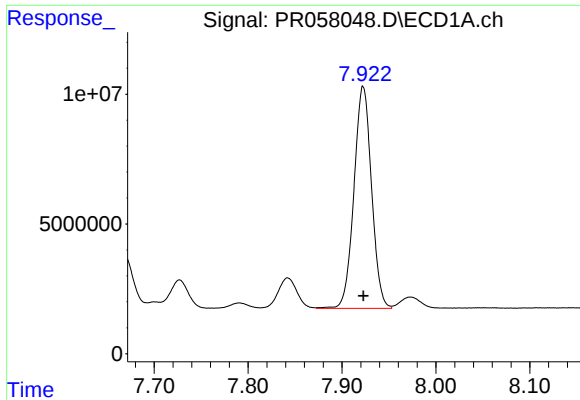
#34 AR-1260-4

R.T.: 7.582 min
Delta R.T.: 0.000 min
Response: 60010895
Conc: 522.55 ng/ml



#34 AR-1260-4

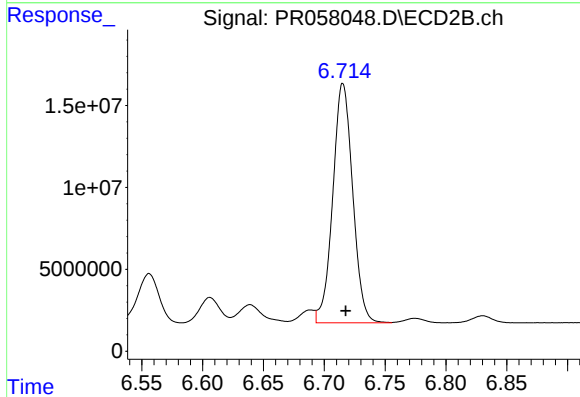
R.T.: 6.451 min
Delta R.T.: -0.001 min
Response: 69086650
Conc: 528.26 ng/ml



#35 AR-1260-5

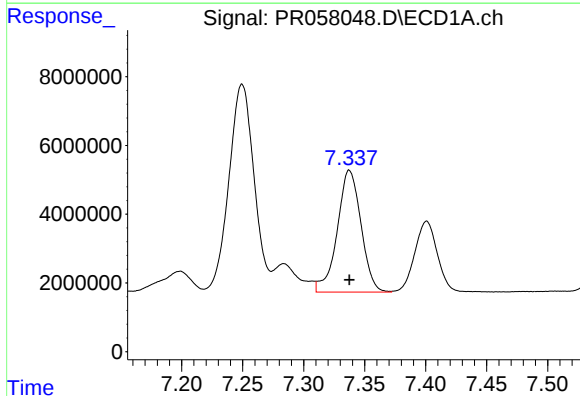
R.T.: 7.923 min
Delta R.T.: 0.000 min
Response: 111221890
Conc: 521.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



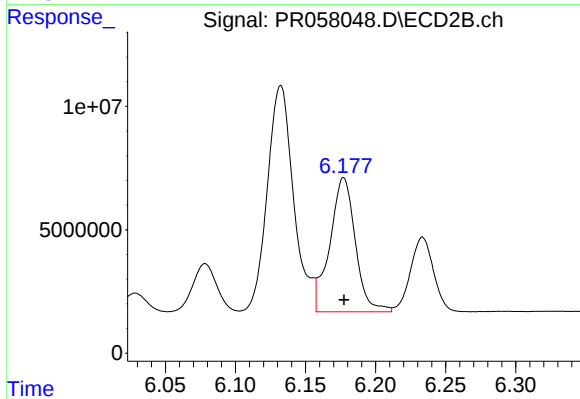
#35 AR-1260-5

R.T.: 6.715 min
Delta R.T.: -0.002 min
Response: 166887484
Conc: 532.52 ng/ml



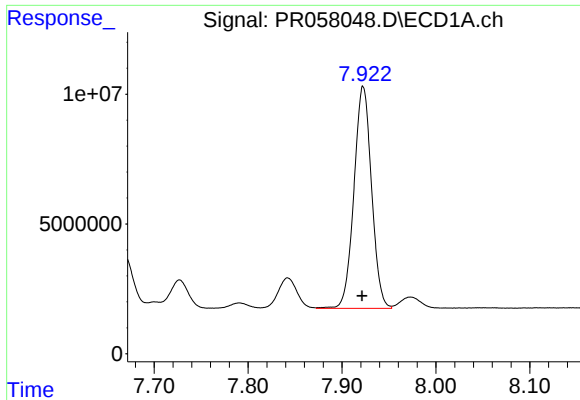
#36 AR-1262-1

R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 48031928
Conc: 321.71 ng/ml



#36 AR-1262-1

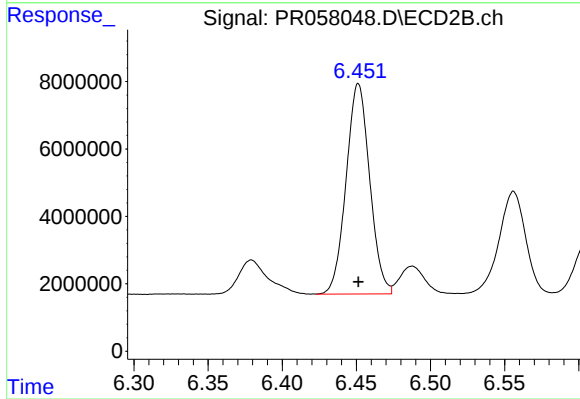
R.T.: 6.177 min
Delta R.T.: 0.000 min
Response: 68934004
Conc: 320.76 ng/ml



#37 AR-1262-2

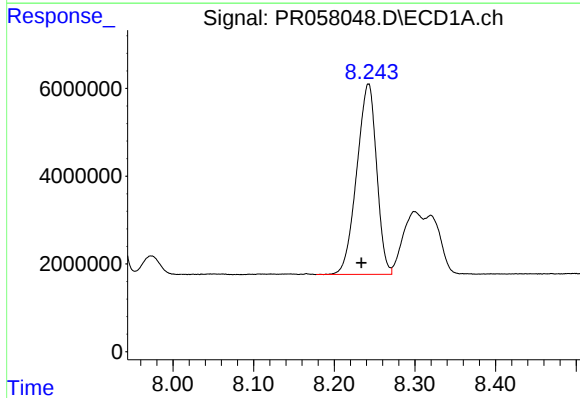
R.T.: 7.923 min
Delta R.T.: 0.001 min
Response: 111221890
Conc: 414.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



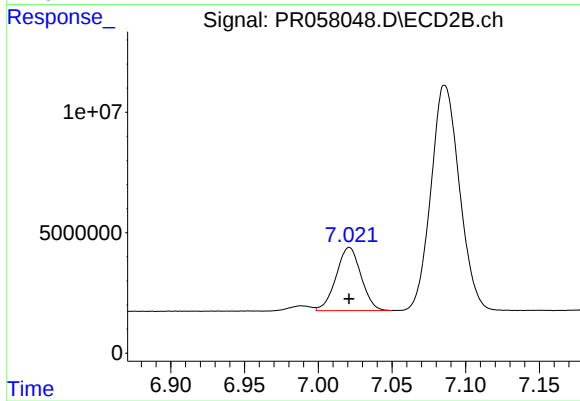
#37 AR-1262-2

R.T.: 6.451 min
Delta R.T.: 0.000 min
Response: 69086650
Conc: 351.74 ng/ml



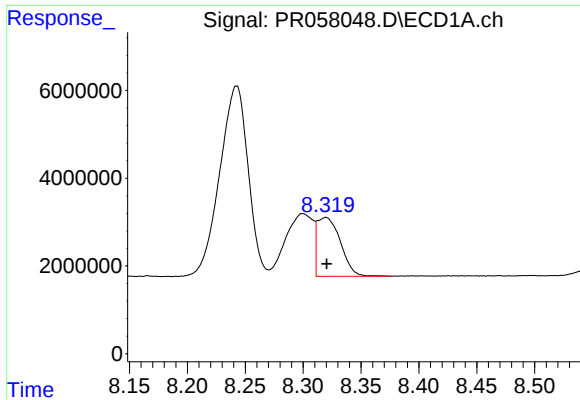
#38 AR-1262-3

R.T.: 8.242 min
Delta R.T.: 0.009 min
Response: 74258189
Conc: 401.26 ng/ml



#38 AR-1262-3

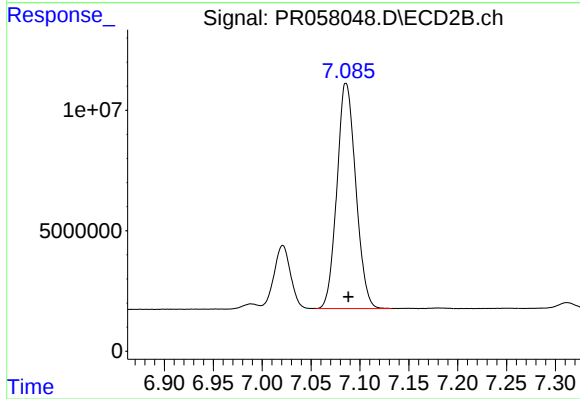
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 30835183
Conc: 203.15 ng/ml



#39 AR-1262-4

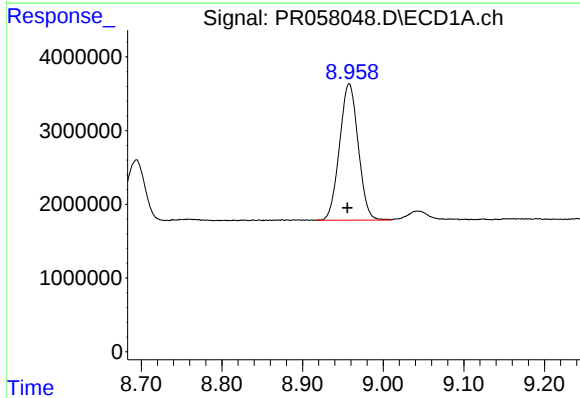
R.T.: 8.320 min
Delta R.T.: 0.000 min
Response: 18732981
Conc: 132.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



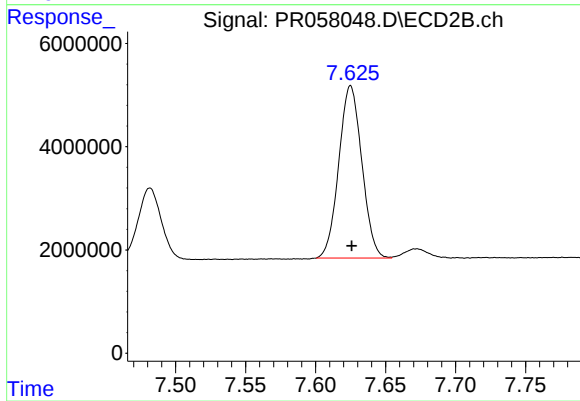
#39 AR-1262-4

R.T.: 7.086 min
Delta R.T.: -0.003 min
Response: 125613071
Conc: 415.97 ng/ml



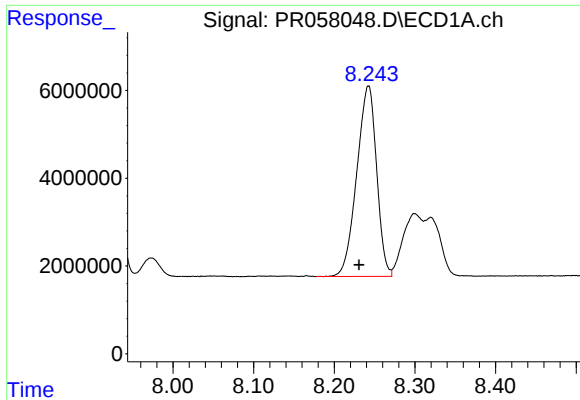
#40 AR-1262-5

R.T.: 8.958 min
Delta R.T.: 0.002 min
Response: 29825916
Conc: 292.73 ng/ml



#40 AR-1262-5

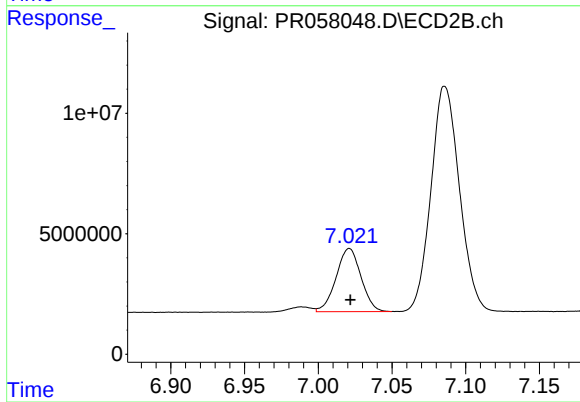
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 38267414
Conc: 276.11 ng/ml



#41 AR-1268-1

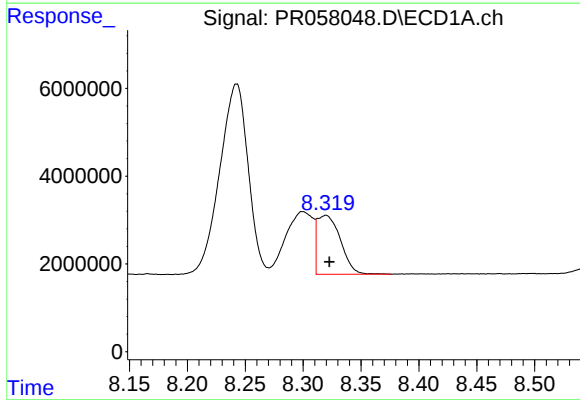
R.T.: 8.242 min
Delta R.T.: 0.012 min
Response: 74258189
Conc: 230.90 ng/ml

Instrument :
ECD_R
ClientSampleId :



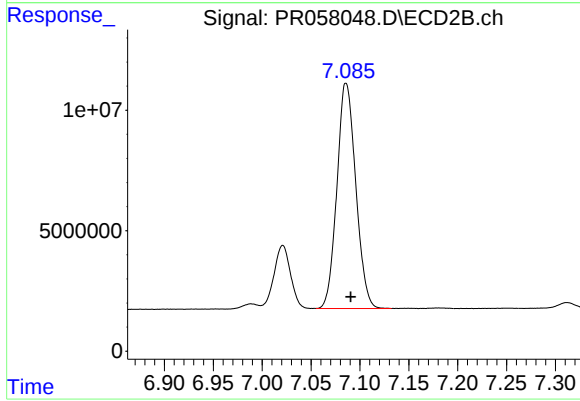
#41 AR-1268-1

R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 30835183
Conc: 64.41 ng/ml



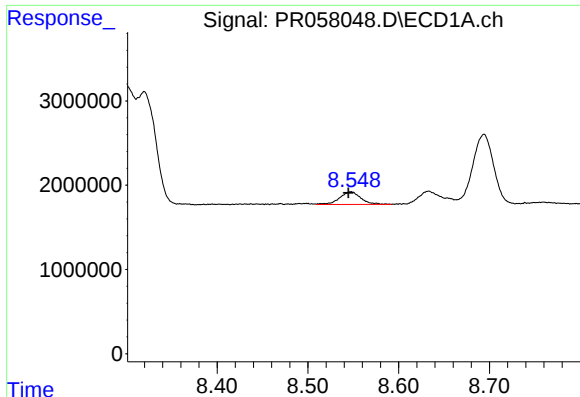
#42 AR-1268-2

R.T.: 8.320 min
Delta R.T.: -0.003 min
Response: 18732981
Conc: 64.14 ng/ml



#42 AR-1268-2

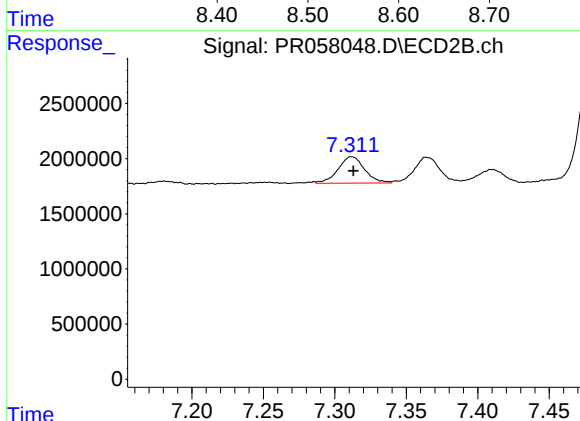
R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 125613071
Conc: 294.63 ng/ml



#43 AR-1268-3

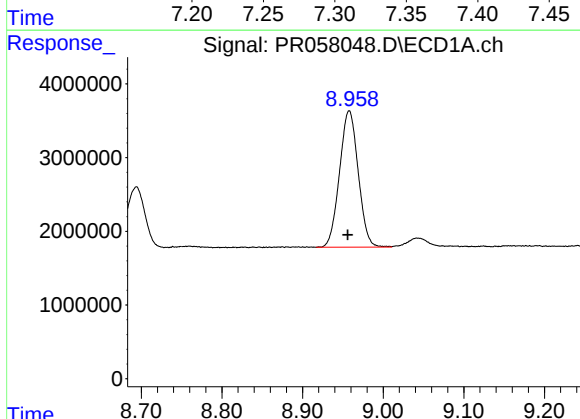
R.T.: 8.548 min
Delta R.T.: 0.003 min
Response: 2422348
Conc: 9.75 ng/ml

Instrument :
ECD_R
ClientSampleId :



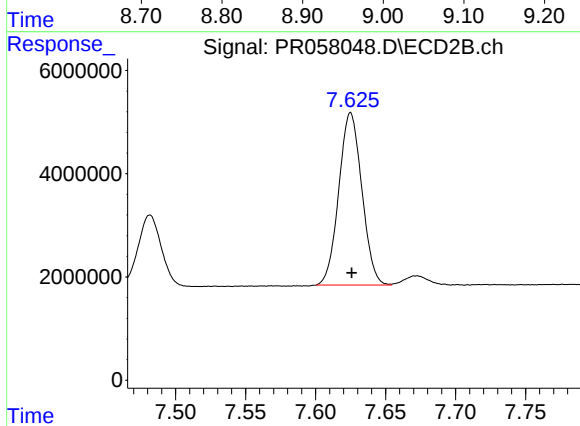
#43 AR-1268-3

R.T.: 7.311 min
Delta R.T.: -0.001 min
Response: 3085596
Conc: 8.61 ng/ml



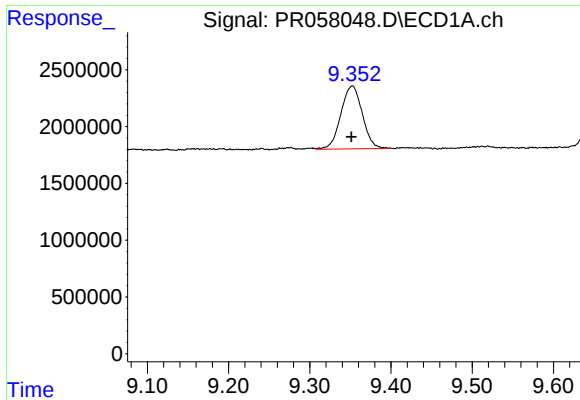
#44 AR-1268-4

R.T.: 8.958 min
Delta R.T.: 0.002 min
Response: 29825916
Conc: 259.98 ng/ml



#44 AR-1268-4

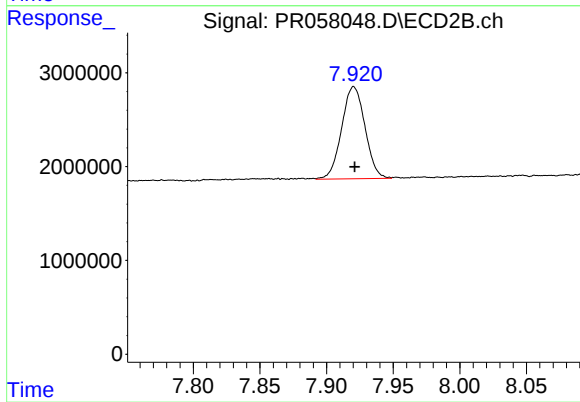
R.T.: 7.625 min
Delta R.T.: 0.000 min
Response: 38267414
Conc: 251.04 ng/ml



#45 AR-1268-5

R.T.: 9.352 min
Delta R.T.: 0.000 min
Response: 10143913
Conc: 12.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.920 min
Delta R.T.: 0.000 min
Response: 11968394
Conc: 10.03 ng/ml