

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112123\
 Data File : PR064464.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Nov 2023 18:31
 Operator : AJ\MA
 Sample : 05439-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 21 20:27:15 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Nov 21 05:53:23 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm 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...	3.704	3.010	142.8E6	132.8E6	23.426	23.355
2)	SA Decachlor...	9.720	8.389	91998457	113.0E6	26.060	26.095
Target Compounds							
3)	L1 AR-1016-1	4.941	4.158	85954859	91007515	471.616	476.904
4)	L1 AR-1016-2	4.963	4.177	127.1E6	124.4E6	474.221	468.894
5)	L1 AR-1016-3	5.029	4.360	79255112	66924690	474.559	468.992
6)	L1 AR-1016-4	5.131	4.412	63507217	51636457	465.290	483.218
7)	L1 AR-1016-5	5.452	4.635	62173409	67084315	469.429	467.096
8)	L2 AR-1221-1	3.924	3.240	10395564	7644967	149.818	119.033
9)	L2 AR-1221-2	4.017	3.329	11260936	10836560	237.993	244.411
10)	L2 AR-1221-3	4.096	3.408	46310015	44507637	296.718	291.094
11)	L3 AR-1232-1	4.096	3.408	46310015	44507637	360.824	353.079
12)	L3 AR-1232-2	4.653	4.177	67599438	124.4E6	1058.688	1023.925
13)	L3 AR-1232-3	4.963	4.360	127.1E6	66924690	1066.179	1048.036
14)	L3 AR-1232-4	5.131	4.454	63507217	63086853	1073.987	1098.840
15)	L3 AR-1232-5	5.237	4.635	52324014	67084315	1184.201	1074.492
16)	L4 AR-1242-1	4.941	4.158	85954859	91007515	560.861	559.985
17)	L4 AR-1242-2	4.963	4.177	127.1E6	124.4E6	566.956	557.323
18)	L4 AR-1242-3	5.029	4.360	79255112	66924690	562.979	557.489
19)	L4 AR-1242-4	5.131	4.454	63507217	63086853	552.561	550.981
20)	L4 AR-1242-5	5.930	5.014	9591602	53796060	83.229	362.905 #
21)	L5 AR-1248-1	4.941	4.158	85954859	91007515	727.735	736.981
22)	L5 AR-1248-2	5.237	4.412	52324014	51636457	320.400	315.323
23)	L5 AR-1248-3	5.452	4.454	62173409	63086853	329.453	367.330
24)	L5 AR-1248-4	5.889	4.635	10198716	67084315	49.890	322.918 #
25)	L5 AR-1248-5	5.930	5.057	9591602	8771310	47.380	42.368
26)	L6 AR-1254-1	5.860	5.014	48204219	53796060	237.385	173.730 #
27)	L6 AR-1254-2	6.101	5.176	52211193	51294830	169.958	191.035
28)	L6 AR-1254-3	6.495	5.609	26593671	26793193	84.685	63.179 #
29)	L6 AR-1254-4	6.808	5.858	16491496	10663064	76.391	40.366 #
30)	L6 AR-1254-5	7.269	6.311	150.9E6	190.7E6	645.757	505.079
31)	L7 AR-1260-1	6.678	5.751	109.9E6	131.6E6	459.761	450.341
32)	L7 AR-1260-2	6.963	5.958	126.4E6	158.6E6	462.048	452.317
33)	L7 AR-1260-3	7.357	6.121	82688423	151.8E6	416.114	450.646
34)	L7 AR-1260-4	7.600	6.635	96766701	90351183	438.014	336.258
35)	L7 AR-1260-5	7.942	6.904	169.4E6	262.4E6	408.041	416.448
36)	L8 AR-1262-1	7.357	6.356	82688423	112.9E6	287.431	290.759
37)	L8 AR-1262-2	7.942	6.904	169.4E6	262.4E6	365.209	377.555
38)	L8 AR-1262-3	8.265	7.214	105.6E6	45837979	342.015	184.428 #
39)	L8 AR-1262-4	8.345	7.281	23555280	183.2E6	102.144	363.022 #
40)	L8 AR-1262-5	8.994	7.827	38818873	52915451	246.608	234.026
41)	L9 AR-1268-1	8.265	7.214	105.6E6	45837979	199.185	63.825 #

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Acq On : 21 Nov 2023 18:31
Operator : AJ\MA
Sample : 05439-04MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

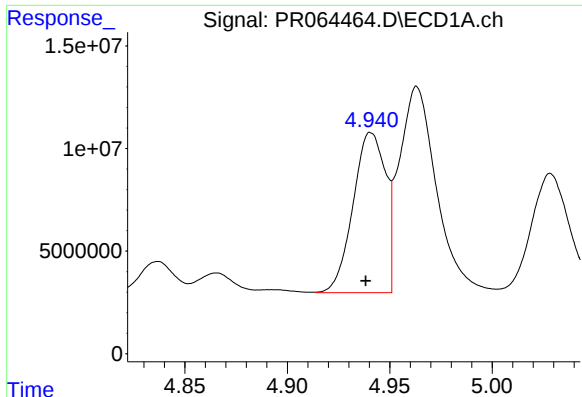
Instrument :
ECD_R
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 21 20:27:15 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
Quant Title : GC EXTRACTABLES
QLast Update : Tue Nov 21 05:53:23 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
Signal #1 Info : 30Mx0.32mmx 0.5µm 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	8.345	7.281	23555280	183.2E6	50.298	255.630 #
43)	L9 AR-1268-3	8.571	7.510	3353122	4153606	8.181	6.792
44)	L9 AR-1268-4	8.994	7.827	38818873	52915451	228.460	210.976
45)	L9 AR-1268-5	9.395	8.128	12919498	16108601	9.988	8.853

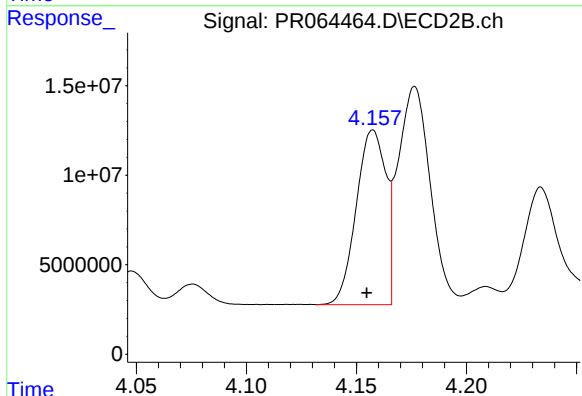
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

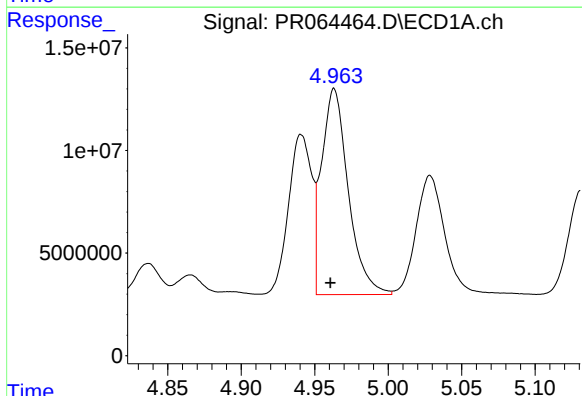
R.T.: 4.941 min
Delta R.T.: 0.002 min
Response: 85954859
Conc: 471.62 ng/ml

Instrument :
ECD_R
ClientSampleId :



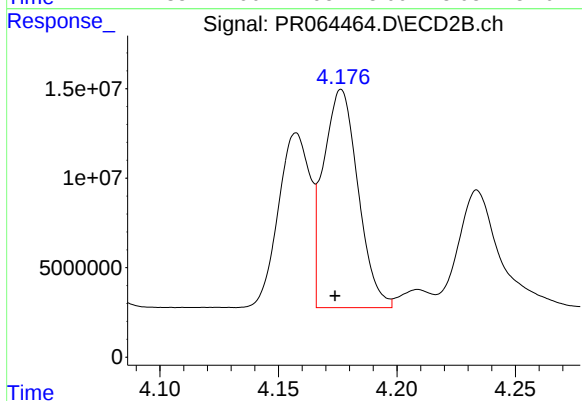
#3 AR-1016-1

R.T.: 4.158 min
Delta R.T.: 0.003 min
Response: 91007515
Conc: 476.90 ng/ml



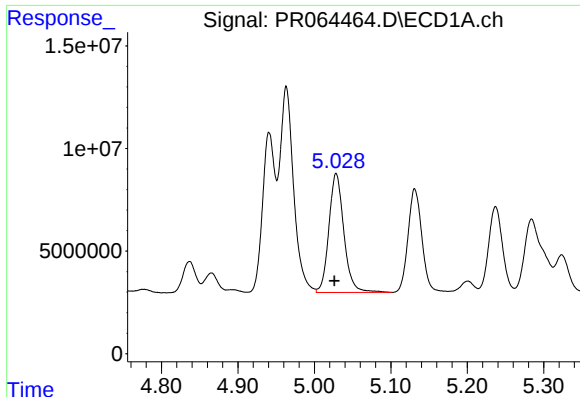
#4 AR-1016-2

R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 127134850
Conc: 474.22 ng/ml



#4 AR-1016-2

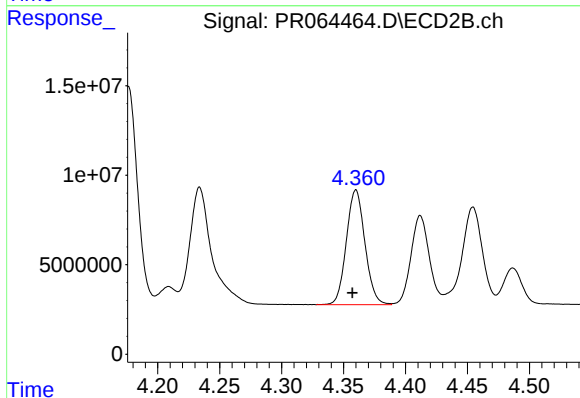
R.T.: 4.177 min
Delta R.T.: 0.003 min
Response: 124372233
Conc: 468.89 ng/ml



#5 AR-1016-3

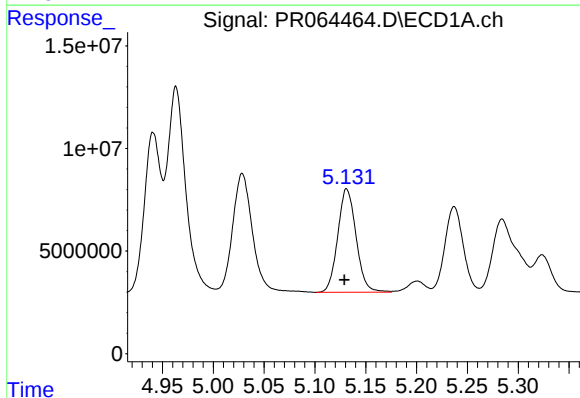
R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 79255112
Conc: 474.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



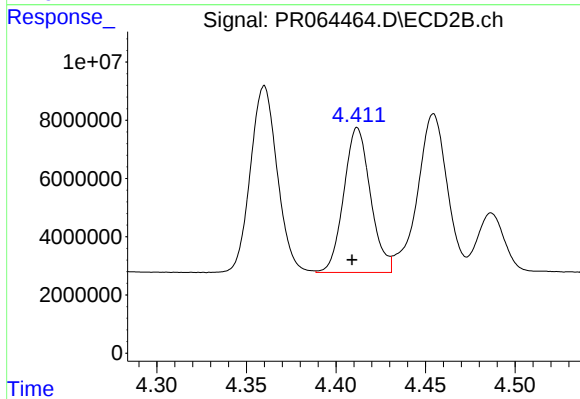
#5 AR-1016-3

R.T.: 4.360 min
Delta R.T.: 0.003 min
Response: 66924690
Conc: 468.99 ng/ml



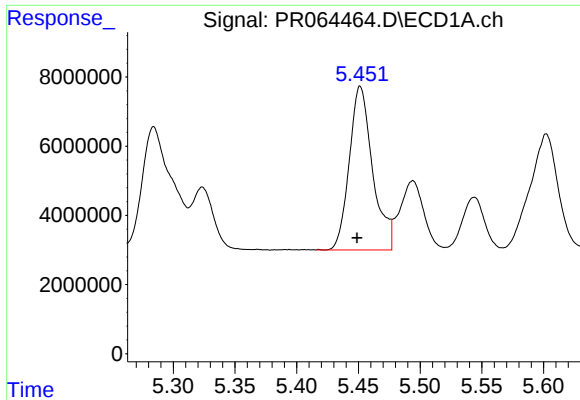
#6 AR-1016-4

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 63507217
Conc: 465.29 ng/ml



#6 AR-1016-4

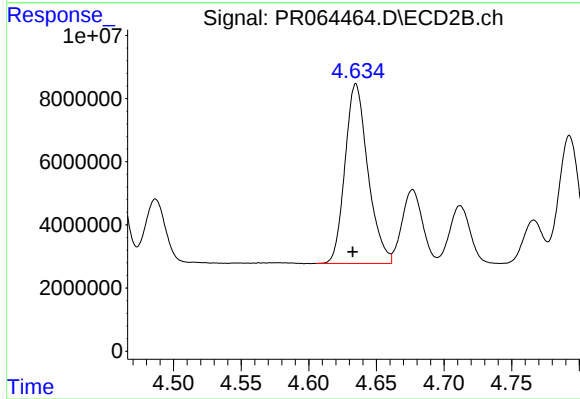
R.T.: 4.412 min
Delta R.T.: 0.003 min
Response: 51636457
Conc: 483.22 ng/ml



#7 AR-1016-5

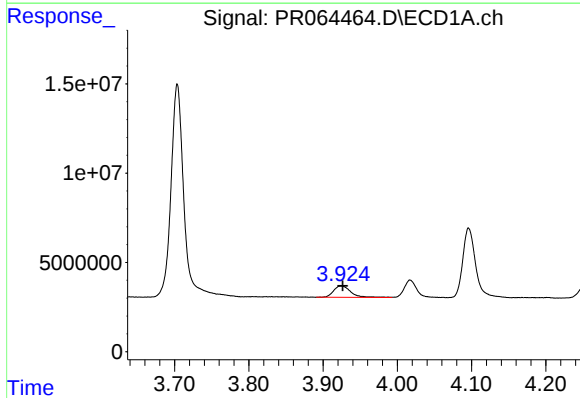
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 62173409
Conc: 469.43 ng/ml

Instrument :
ECD_R
ClientSampleId :



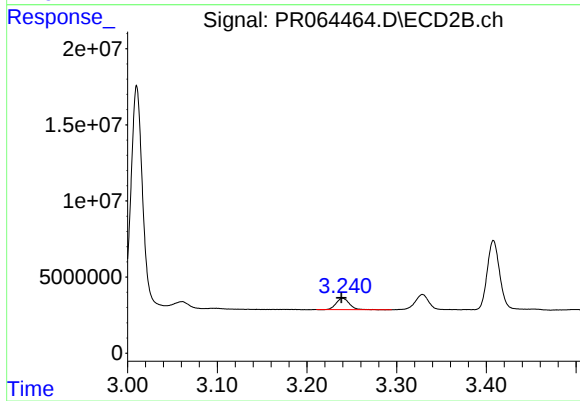
#7 AR-1016-5

R.T.: 4.635 min
Delta R.T.: 0.002 min
Response: 67084315
Conc: 467.10 ng/ml



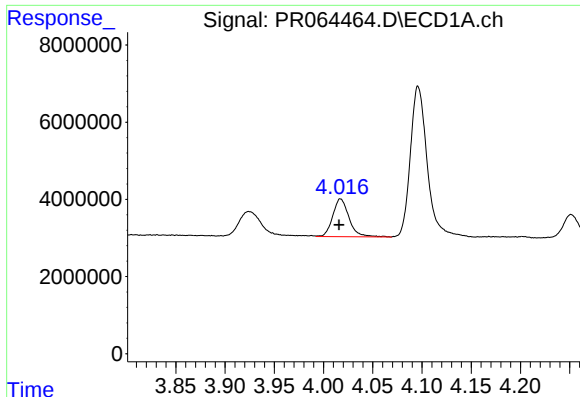
#8 AR-1221-1

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 10395564
Conc: 149.82 ng/ml



#8 AR-1221-1

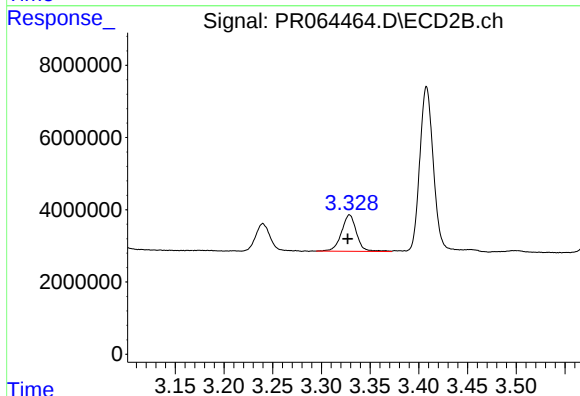
R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 7644967
Conc: 119.03 ng/ml



#9 AR-1221-2

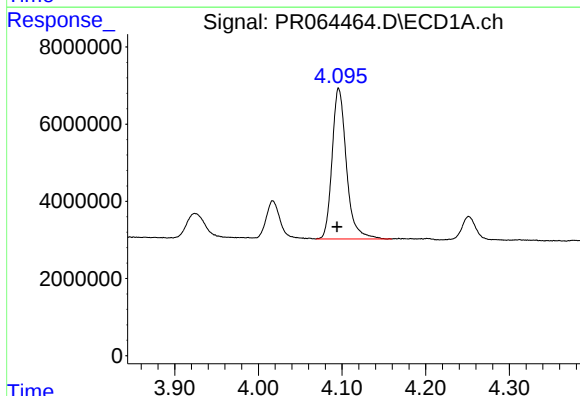
R.T.: 4.017 min
Delta R.T.: 0.002 min
Response: 11260936
Conc: 237.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



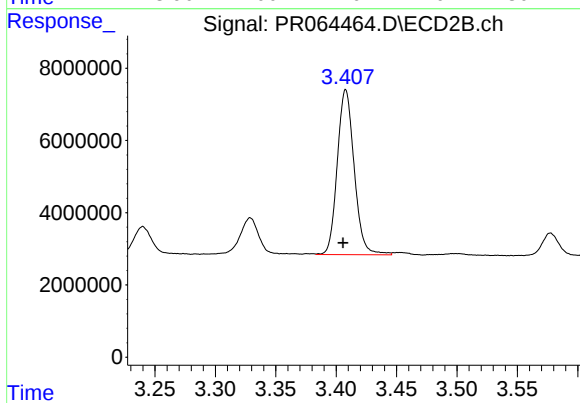
#9 AR-1221-2

R.T.: 3.329 min
Delta R.T.: 0.002 min
Response: 10836560
Conc: 244.41 ng/ml



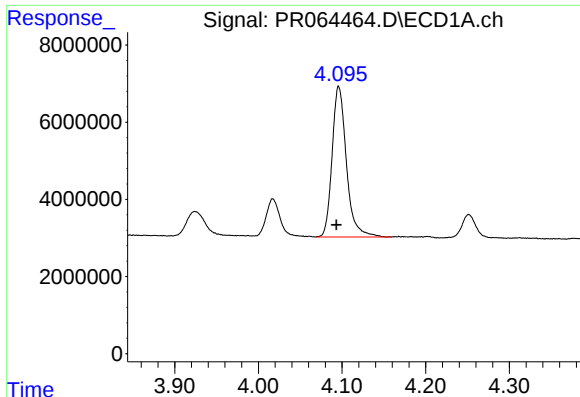
#10 AR-1221-3

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 46310015
Conc: 296.72 ng/ml



#10 AR-1221-3

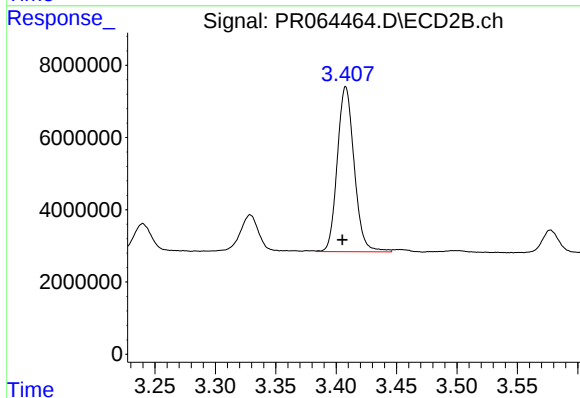
R.T.: 3.408 min
Delta R.T.: 0.002 min
Response: 44507637
Conc: 291.09 ng/ml



#11 AR-1232-1

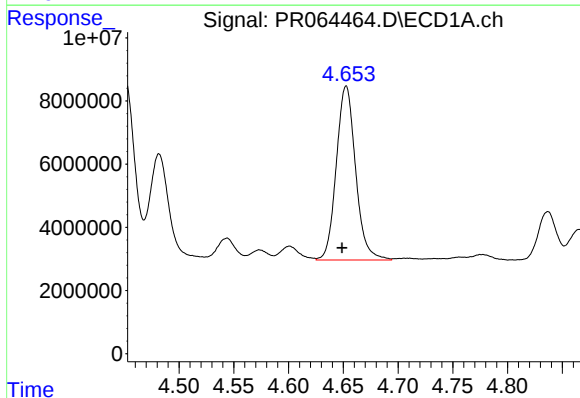
R.T.: 4.096 min
Delta R.T.: 0.003 min
Response: 46310015
Conc: 360.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



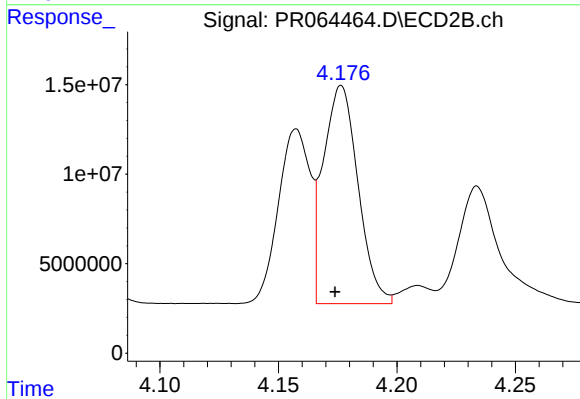
#11 AR-1232-1

R.T.: 3.408 min
Delta R.T.: 0.003 min
Response: 44507637
Conc: 353.08 ng/ml



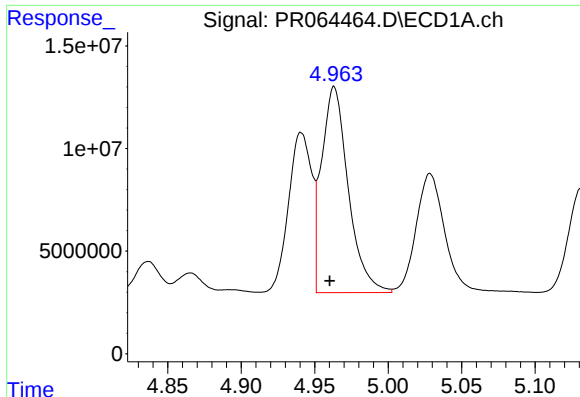
#12 AR-1232-2

R.T.: 4.653 min
Delta R.T.: 0.004 min
Response: 67599438
Conc: 1058.69 ng/ml



#12 AR-1232-2

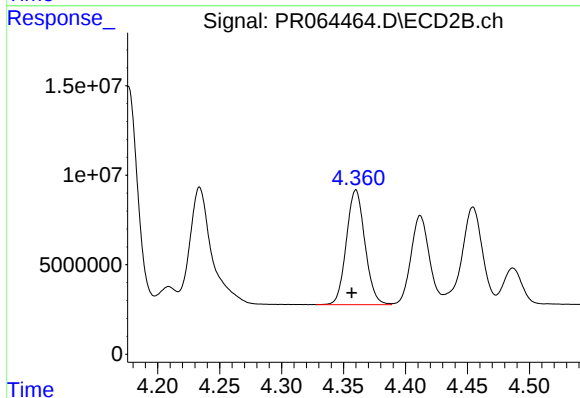
R.T.: 4.177 min
Delta R.T.: 0.003 min
Response: 124372233
Conc: 1023.93 ng/ml



#13 AR-1232-3

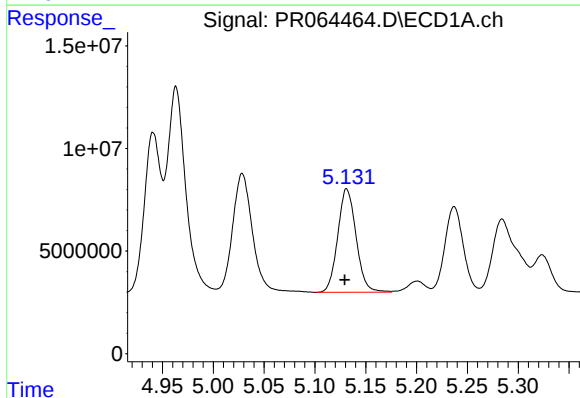
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 127134850
Conc: 1066.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



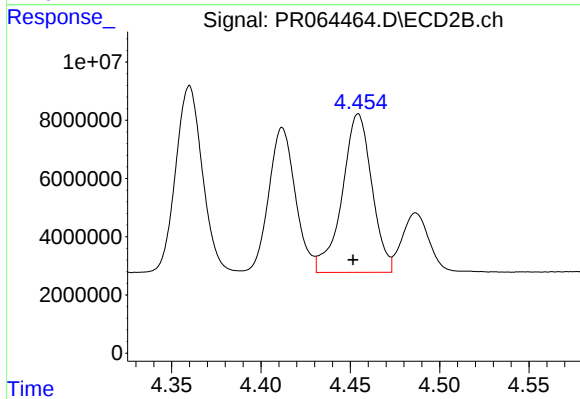
#13 AR-1232-3

R.T.: 4.360 min
Delta R.T.: 0.003 min
Response: 66924690
Conc: 1048.04 ng/ml



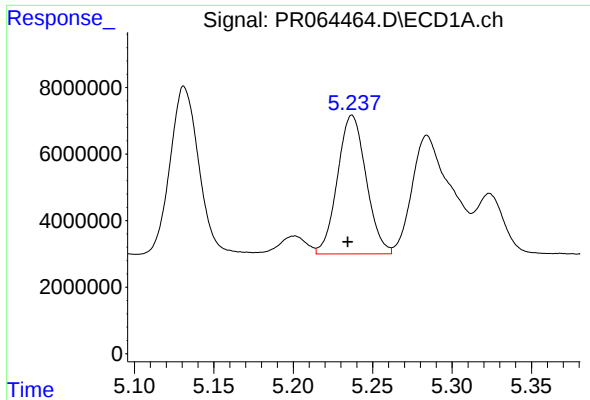
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 63507217
Conc: 1073.99 ng/ml



#14 AR-1232-4

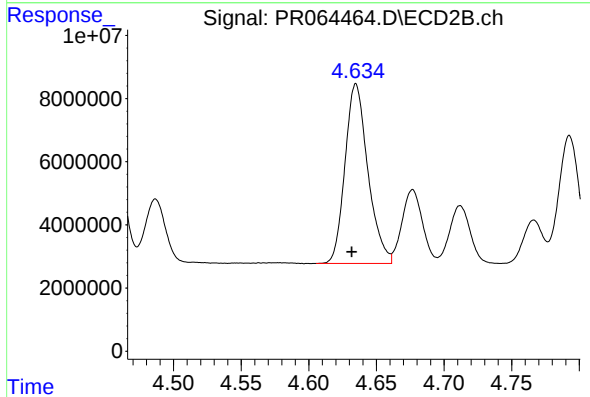
R.T.: 4.454 min
Delta R.T.: 0.003 min
Response: 63086853
Conc: 1098.84 ng/ml



#15 AR-1232-5

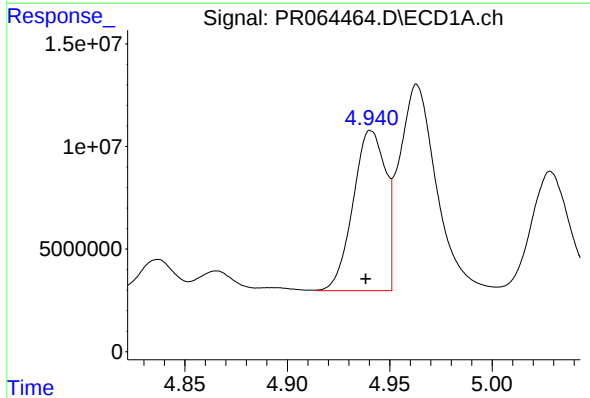
R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 52324014
Conc: 1184.20 ng/ml

Instrument :
ECD_R
ClientSampleId :



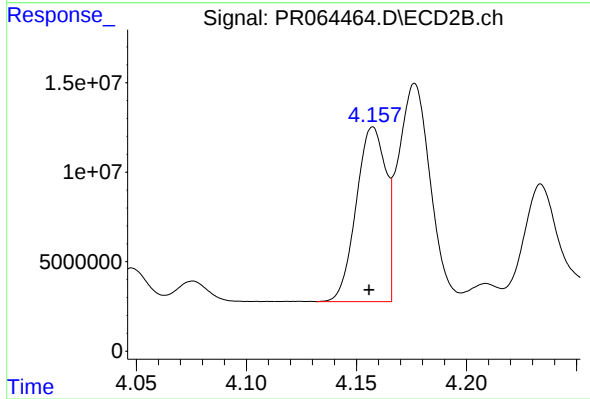
#15 AR-1232-5

R.T.: 4.635 min
Delta R.T.: 0.003 min
Response: 67084315
Conc: 1074.49 ng/ml



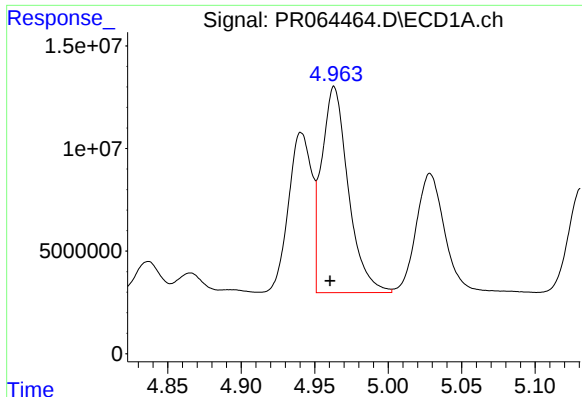
#16 AR-1242-1

R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 85954859
Conc: 560.86 ng/ml



#16 AR-1242-1

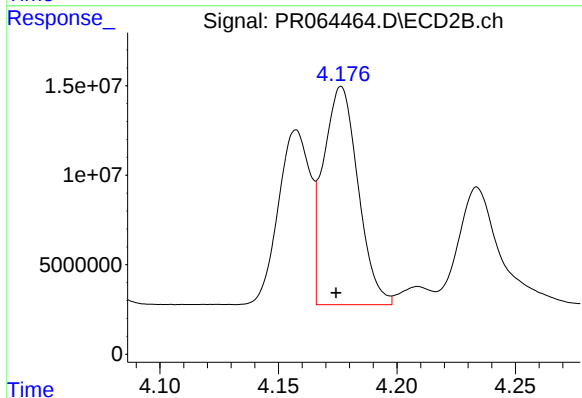
R.T.: 4.158 min
Delta R.T.: 0.002 min
Response: 91007515
Conc: 559.99 ng/ml



#17 AR-1242-2

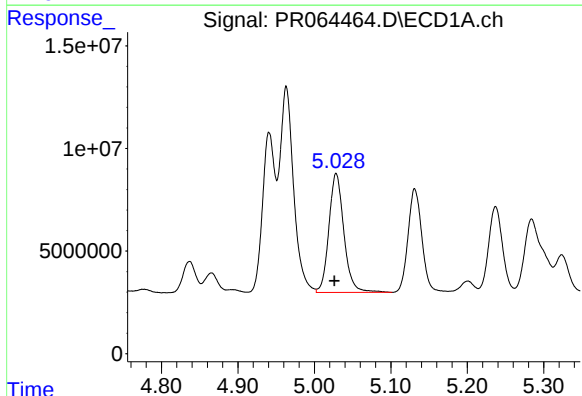
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 127134850
Conc: 566.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



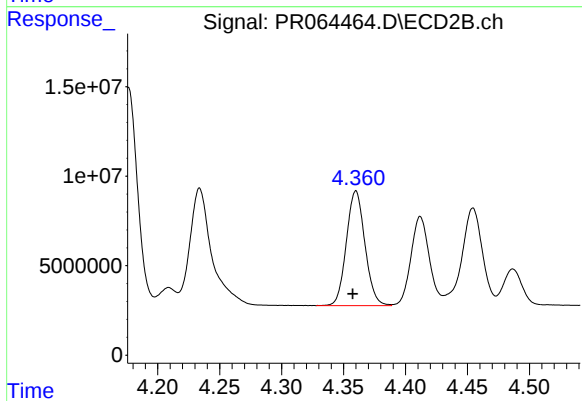
#17 AR-1242-2

R.T.: 4.177 min
Delta R.T.: 0.002 min
Response: 124372233
Conc: 557.32 ng/ml



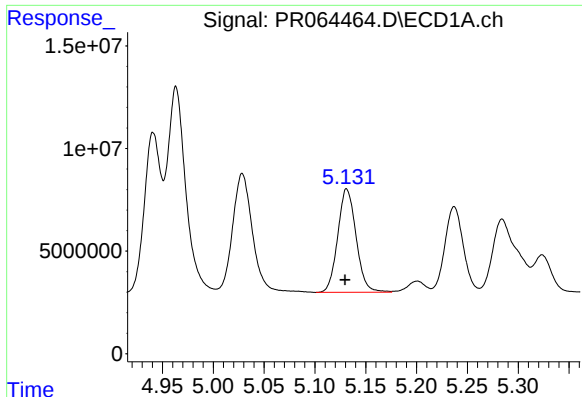
#18 AR-1242-3

R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 79255112
Conc: 562.98 ng/ml



#18 AR-1242-3

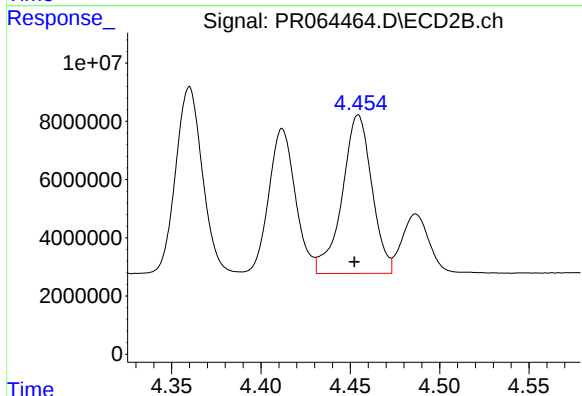
R.T.: 4.360 min
Delta R.T.: 0.003 min
Response: 66924690
Conc: 557.49 ng/ml



#19 AR-1242-4

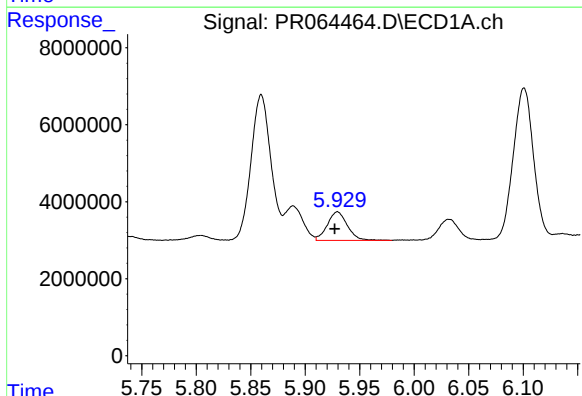
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 63507217
Conc: 552.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



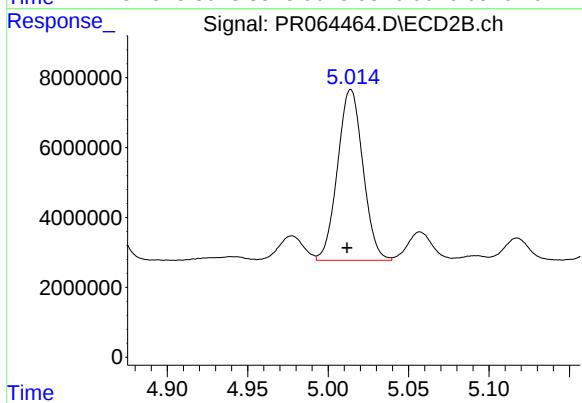
#19 AR-1242-4

R.T.: 4.454 min
Delta R.T.: 0.002 min
Response: 63086853
Conc: 550.98 ng/ml



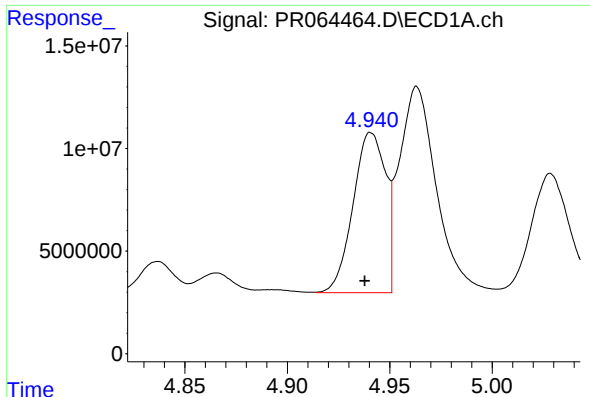
#20 AR-1242-5

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 9591602
Conc: 83.23 ng/ml



#20 AR-1242-5

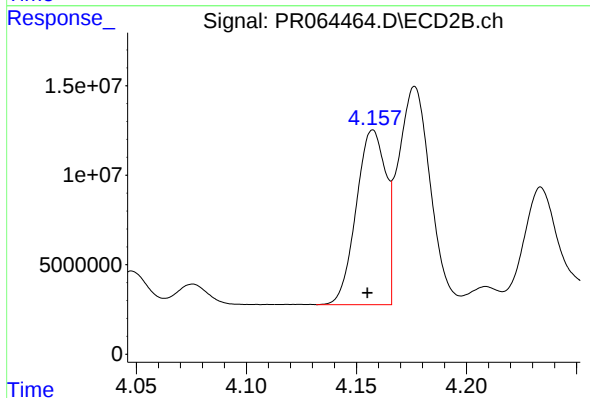
R.T.: 5.014 min
Delta R.T.: 0.002 min
Response: 53796060
Conc: 362.91 ng/ml



#21 AR-1248-1

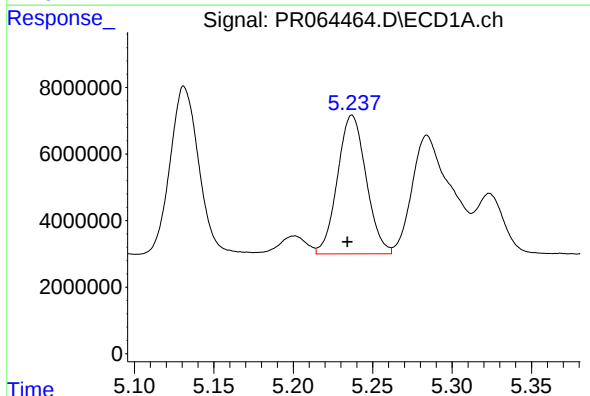
R.T.: 4.941 min
Delta R.T.: 0.003 min
Response: 85954859
Conc: 727.73 ng/ml

Instrument :
ECD_R
ClientSampleId :



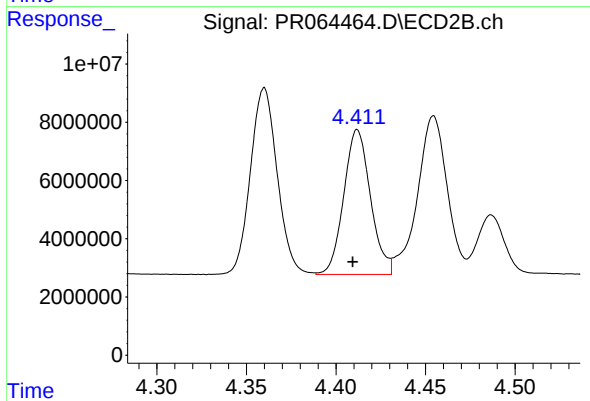
#21 AR-1248-1

R.T.: 4.158 min
Delta R.T.: 0.002 min
Response: 91007515
Conc: 736.98 ng/ml



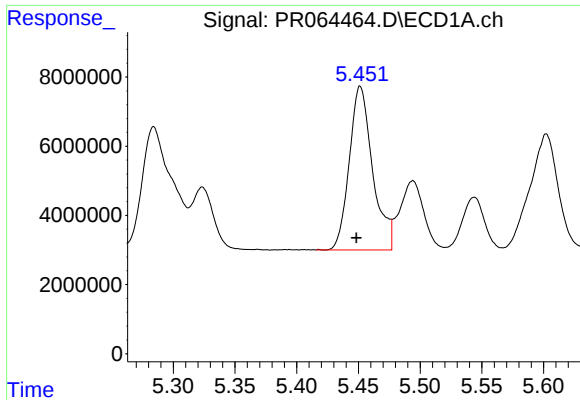
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 52324014
Conc: 320.40 ng/ml



#22 AR-1248-2

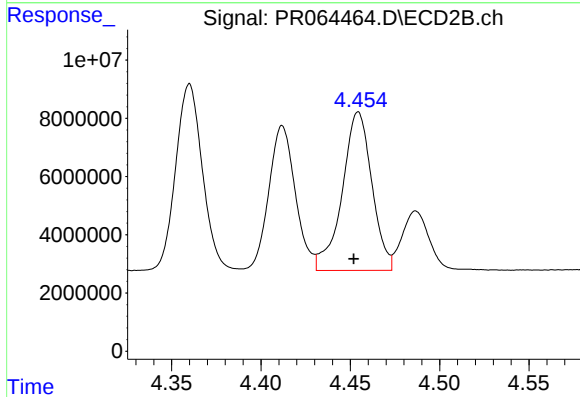
R.T.: 4.412 min
Delta R.T.: 0.003 min
Response: 51636457
Conc: 315.32 ng/ml



#23 AR-1248-3

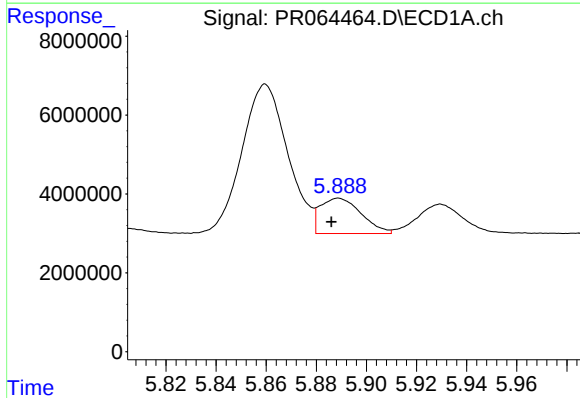
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 62173409
Conc: 329.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



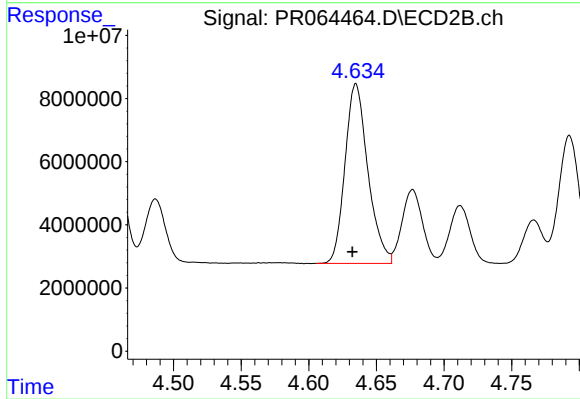
#23 AR-1248-3

R.T.: 4.454 min
Delta R.T.: 0.003 min
Response: 63086853
Conc: 367.33 ng/ml



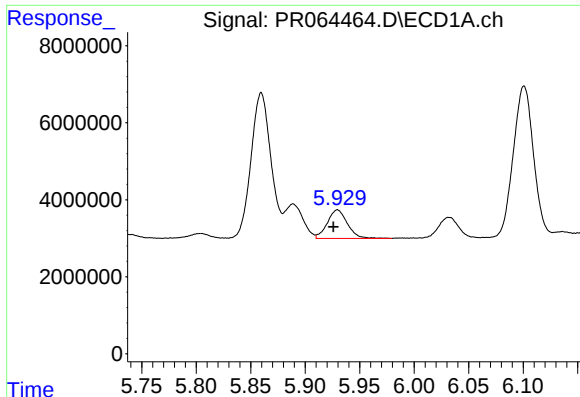
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 10198716
Conc: 49.89 ng/ml



#24 AR-1248-4

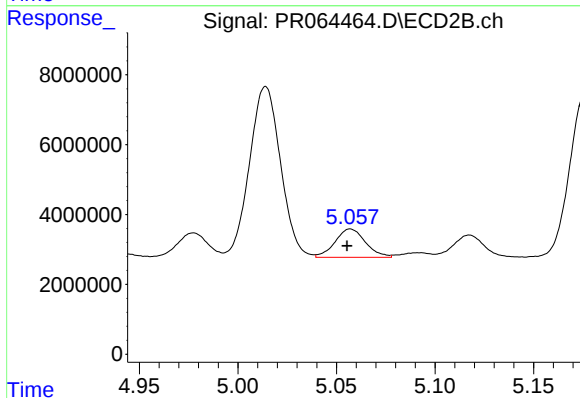
R.T.: 4.635 min
Delta R.T.: 0.003 min
Response: 67084315
Conc: 322.92 ng/ml



#25 AR-1248-5

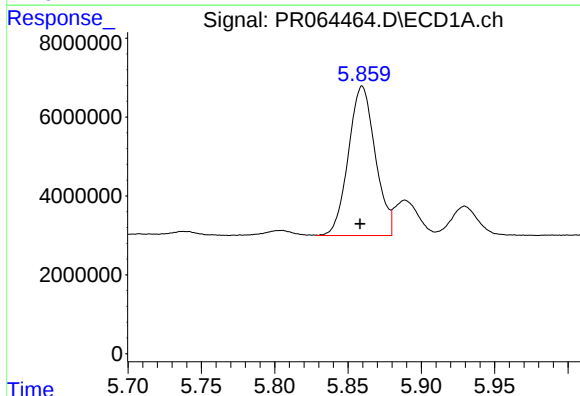
R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 9591602
Conc: 47.38 ng/ml

Instrument :
ECD_R
ClientSampleId :



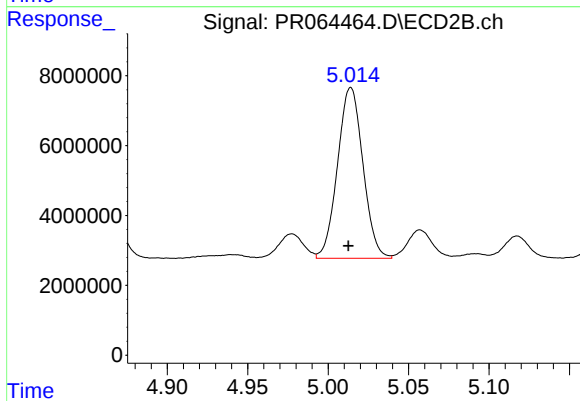
#25 AR-1248-5

R.T.: 5.057 min
Delta R.T.: 0.002 min
Response: 8771310
Conc: 42.37 ng/ml



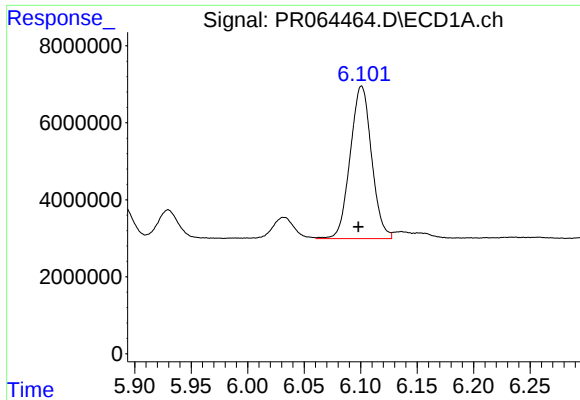
#26 AR-1254-1

R.T.: 5.860 min
Delta R.T.: 0.001 min
Response: 48204219
Conc: 237.39 ng/ml



#26 AR-1254-1

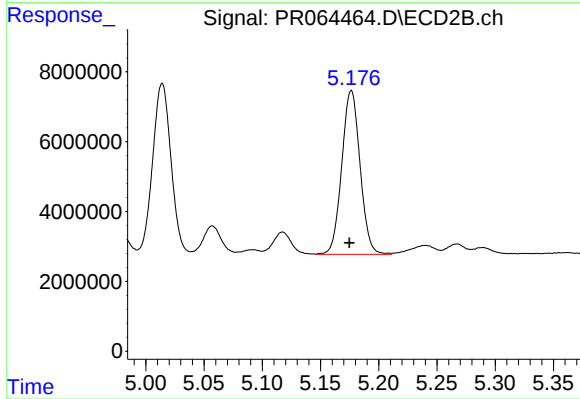
R.T.: 5.014 min
Delta R.T.: 0.002 min
Response: 53796060
Conc: 173.73 ng/ml



#27 AR-1254-2

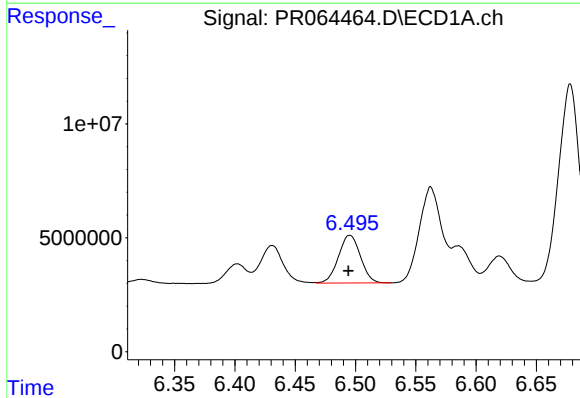
R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 52211193
Conc: 169.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



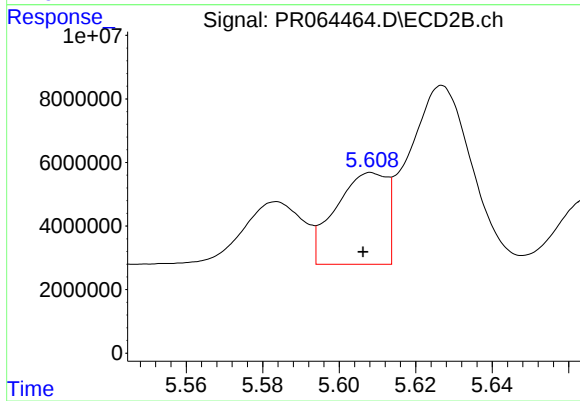
#27 AR-1254-2

R.T.: 5.176 min
Delta R.T.: 0.002 min
Response: 51294830
Conc: 191.03 ng/ml



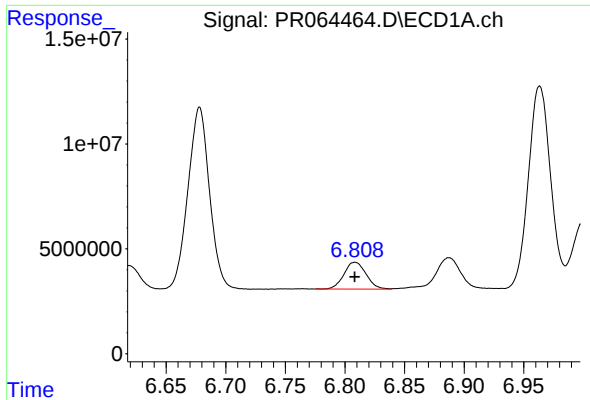
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.001 min
Response: 26593671
Conc: 84.69 ng/ml



#28 AR-1254-3

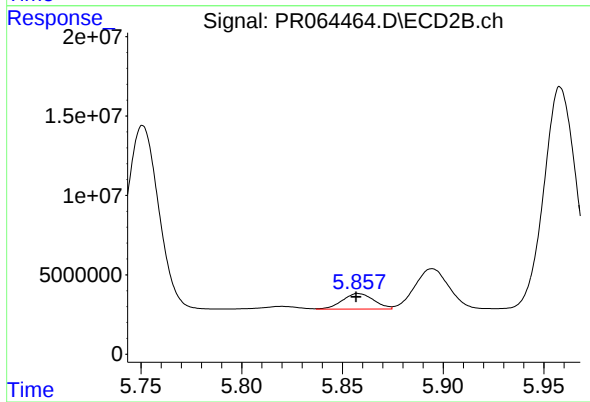
R.T.: 5.609 min
Delta R.T.: 0.002 min
Response: 26793193
Conc: 63.18 ng/ml



#29 AR-1254-4

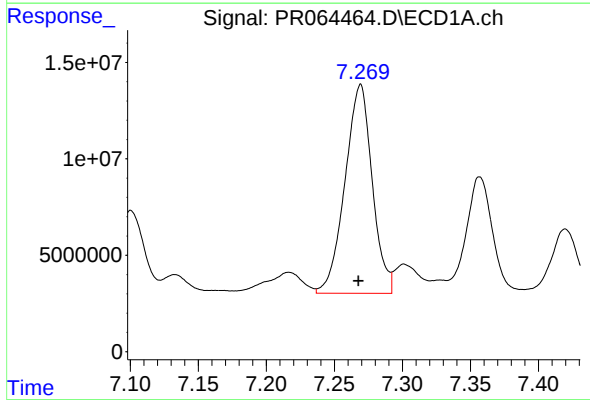
R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 16491496
Conc: 76.39 ng/ml

Instrument :
ECD_R
ClientSampleId :



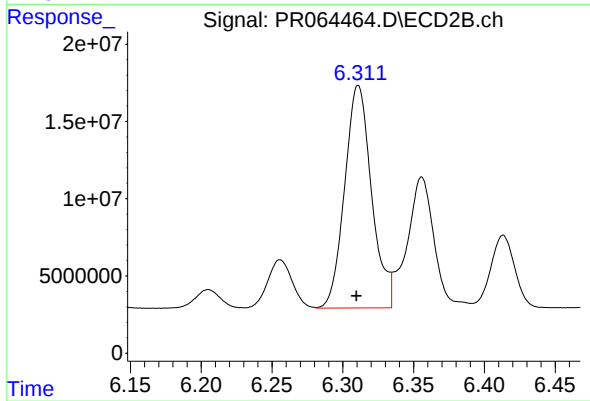
#29 AR-1254-4

R.T.: 5.858 min
Delta R.T.: 0.001 min
Response: 10663064
Conc: 40.37 ng/ml



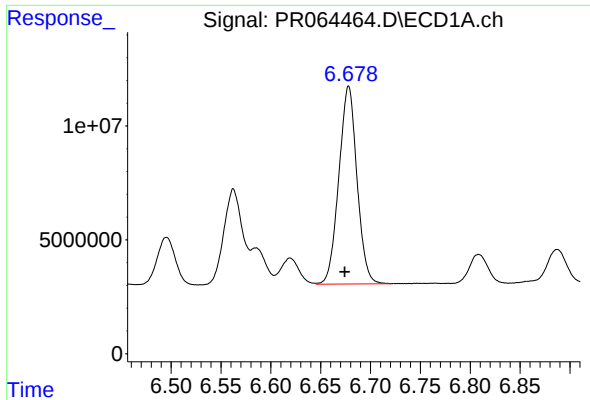
#30 AR-1254-5

R.T.: 7.269 min
Delta R.T.: 0.001 min
Response: 150909556
Conc: 645.76 ng/ml



#30 AR-1254-5

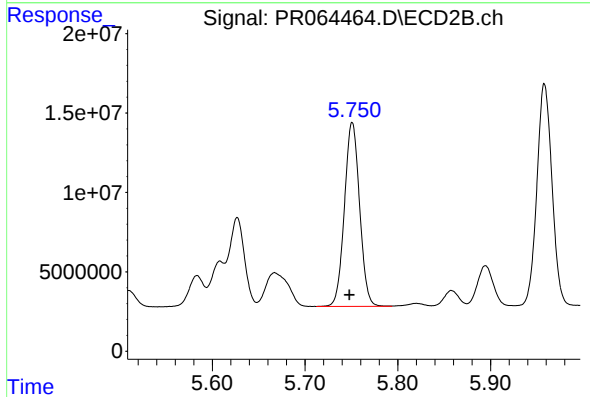
R.T.: 6.311 min
Delta R.T.: 0.001 min
Response: 190749873
Conc: 505.08 ng/ml



#31 AR-1260-1

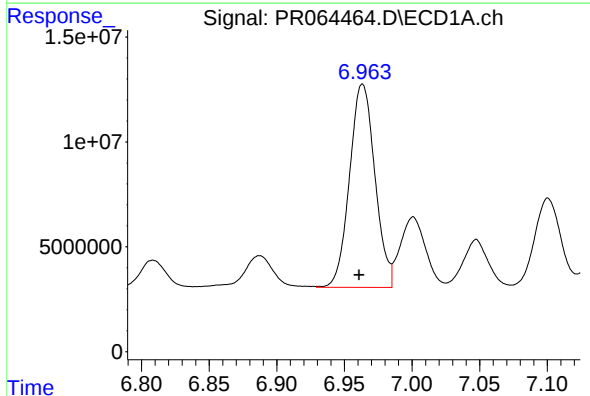
R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 109895759
Conc: 459.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



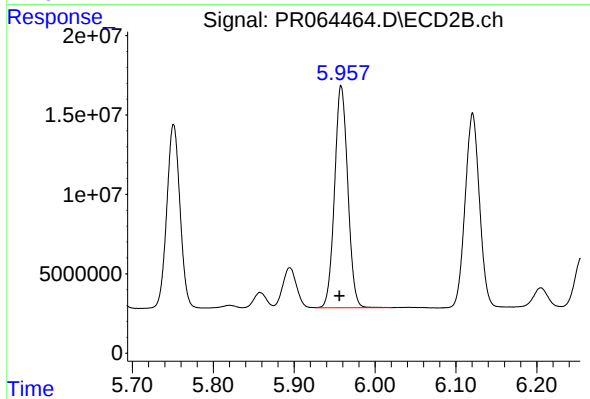
#31 AR-1260-1

R.T.: 5.751 min
Delta R.T.: 0.003 min
Response: 131642820
Conc: 450.34 ng/ml



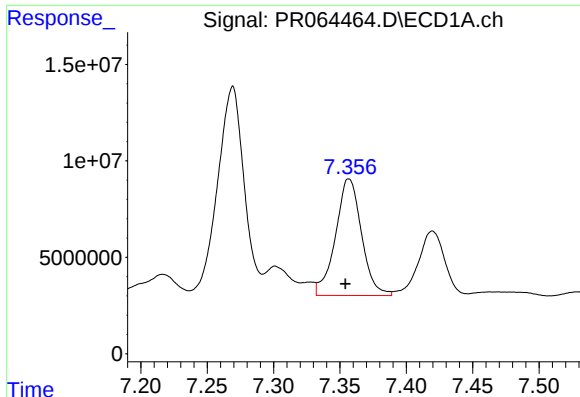
#32 AR-1260-2

R.T.: 6.963 min
Delta R.T.: 0.003 min
Response: 126374563
Conc: 462.05 ng/ml



#32 AR-1260-2

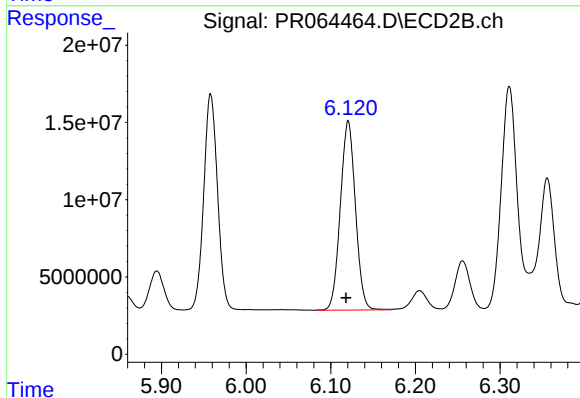
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 158610883
Conc: 452.32 ng/ml



#33 AR-1260-3

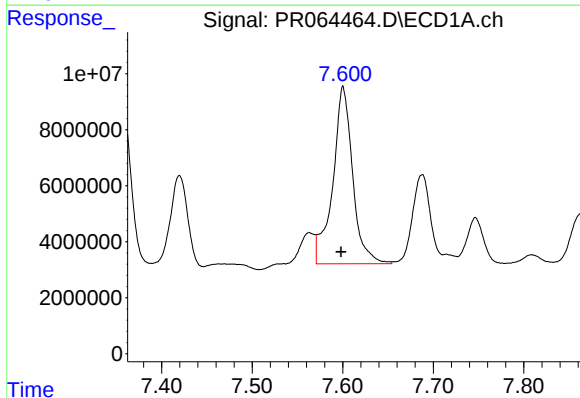
R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 82688423
Conc: 416.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



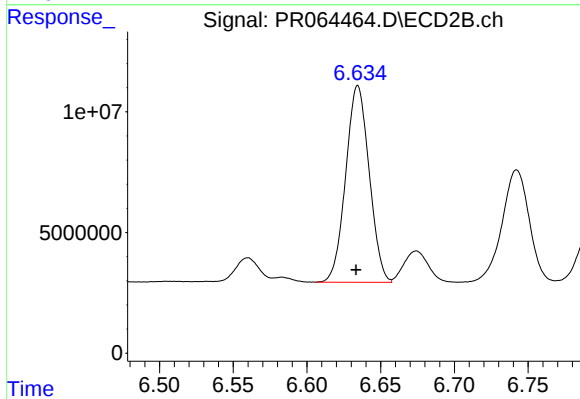
#33 AR-1260-3

R.T.: 6.121 min
Delta R.T.: 0.002 min
Response: 151796849
Conc: 450.65 ng/ml



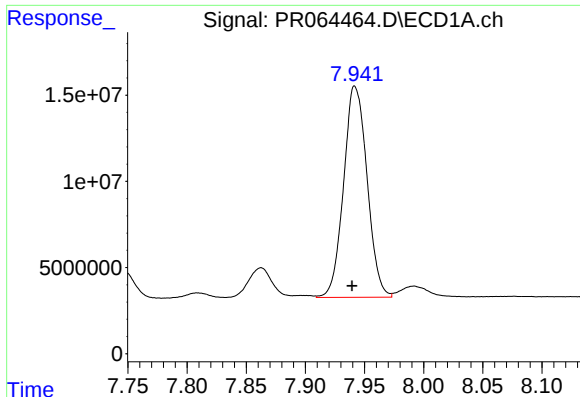
#34 AR-1260-4

R.T.: 7.600 min
Delta R.T.: 0.002 min
Response: 96766701
Conc: 438.01 ng/ml



#34 AR-1260-4

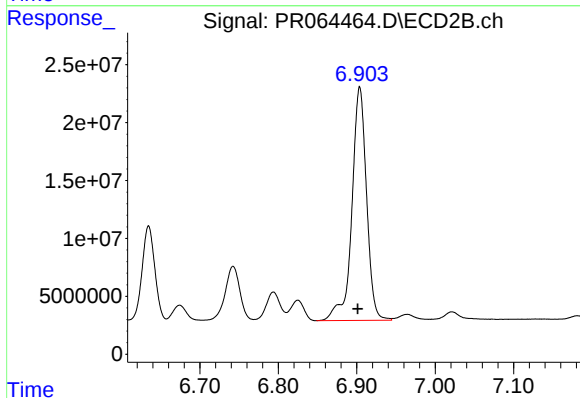
R.T.: 6.635 min
Delta R.T.: 0.001 min
Response: 90351183
Conc: 336.26 ng/ml



#35 AR-1260-5

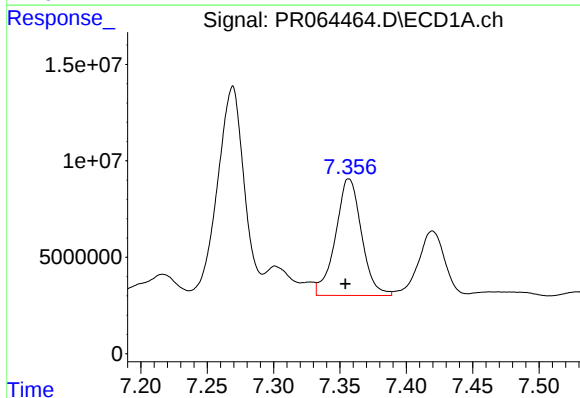
R.T.: 7.942 min
Delta R.T.: 0.002 min
Response: 169367116
Conc: 408.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



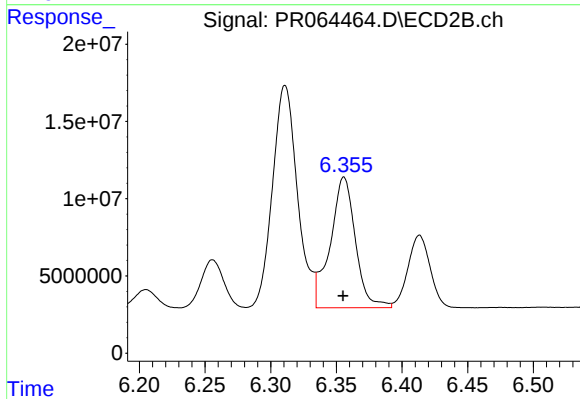
#35 AR-1260-5

R.T.: 6.904 min
Delta R.T.: 0.003 min
Response: 262393847
Conc: 416.45 ng/ml



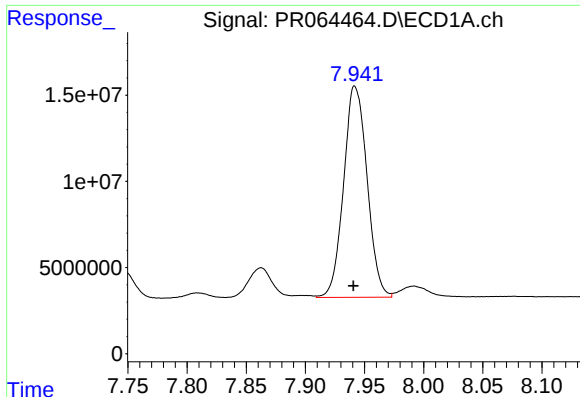
#36 AR-1262-1

R.T.: 7.357 min
Delta R.T.: 0.002 min
Response: 82688423
Conc: 287.43 ng/ml



#36 AR-1262-1

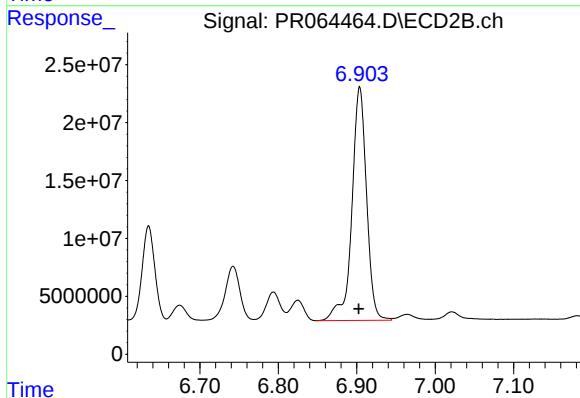
R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 112854212
Conc: 290.76 ng/ml



#37 AR-1262-2

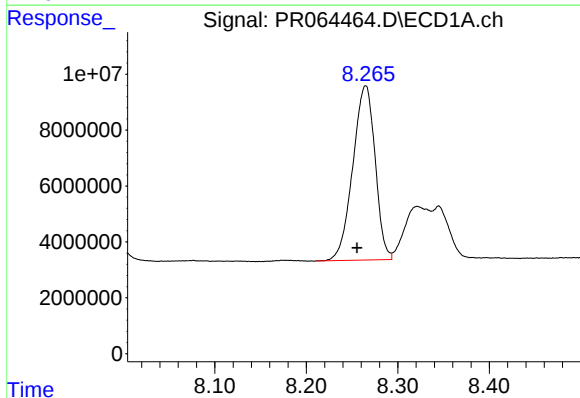
R.T.: 7.942 min
Delta R.T.: 0.001 min
Response: 169367116
Conc: 365.21 ng/ml

Instrument :
ECD_R
ClientSampleId :



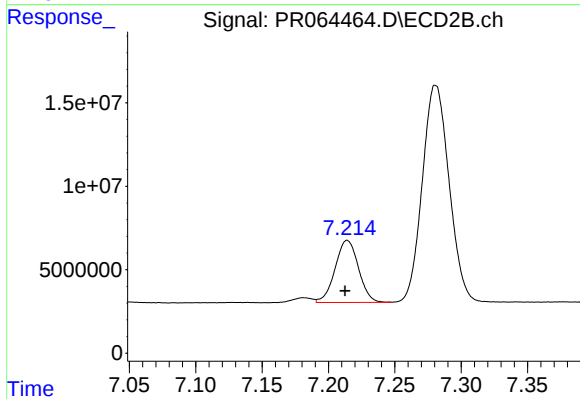
#37 AR-1262-2

R.T.: 6.904 min
Delta R.T.: 0.001 min
Response: 262393847
Conc: 377.56 ng/ml



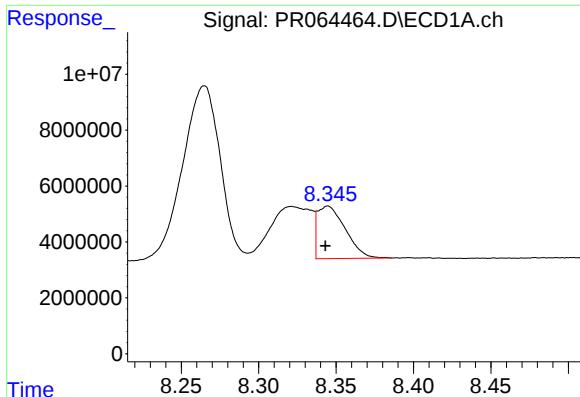
#38 AR-1262-3

R.T.: 8.265 min
Delta R.T.: 0.010 min
Response: 105555691
Conc: 342.01 ng/ml



#38 AR-1262-3

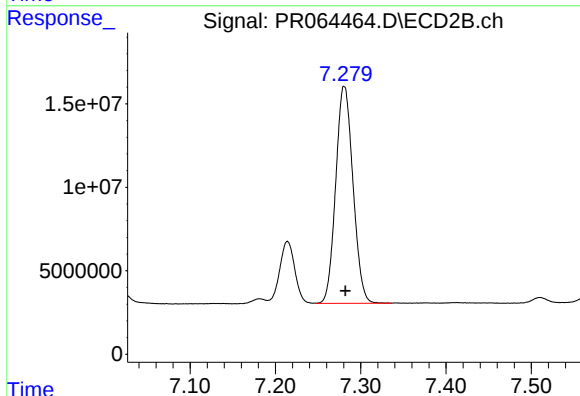
R.T.: 7.214 min
Delta R.T.: 0.002 min
Response: 45837979
Conc: 184.43 ng/ml



#39 AR-1262-4

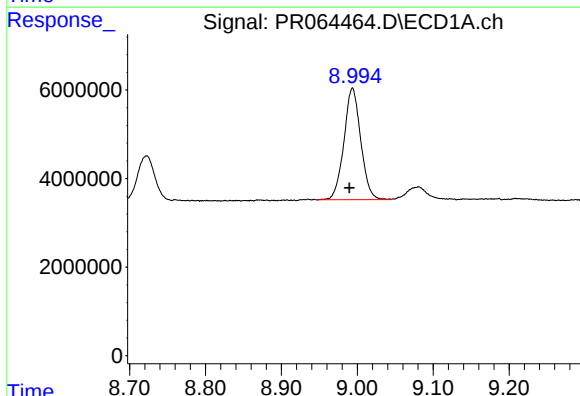
R.T.: 8.345 min
Delta R.T.: 0.002 min
Response: 23555280
Conc: 102.14 ng/ml

Instrument :
ECD_R
ClientSampleId :



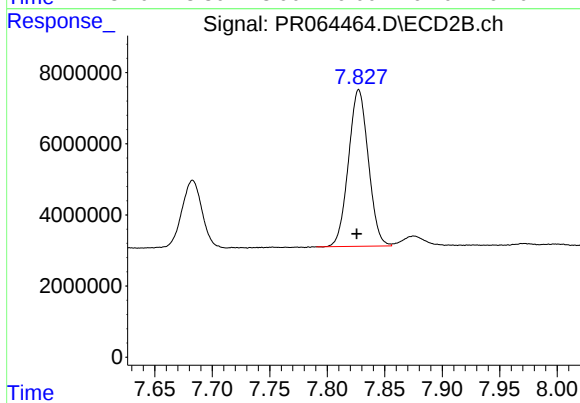
#39 AR-1262-4

R.T.: 7.281 min
Delta R.T.: -0.001 min
Response: 183213772
Conc: 363.02 ng/ml



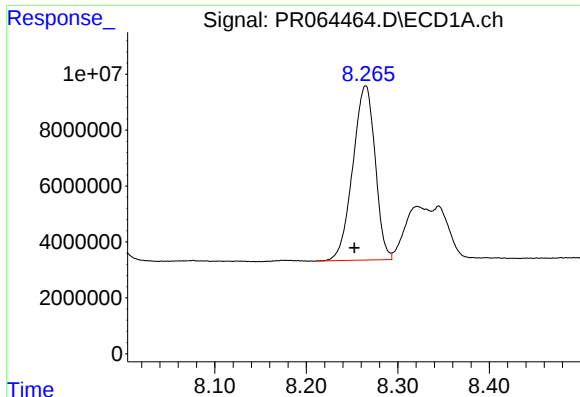
#40 AR-1262-5

R.T.: 8.994 min
Delta R.T.: 0.004 min
Response: 38818873
Conc: 246.61 ng/ml



#40 AR-1262-5

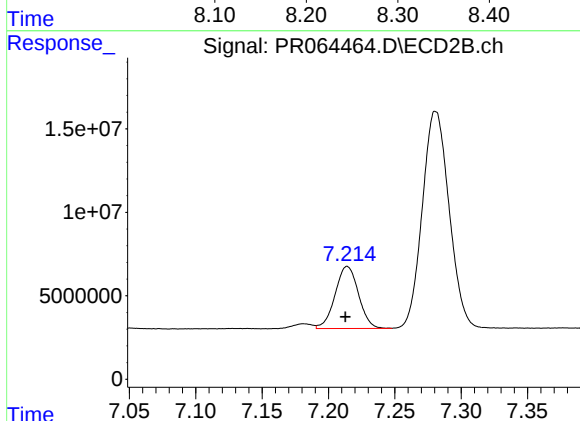
R.T.: 7.827 min
Delta R.T.: 0.002 min
Response: 52915451
Conc: 234.03 ng/ml



#41 AR-1268-1

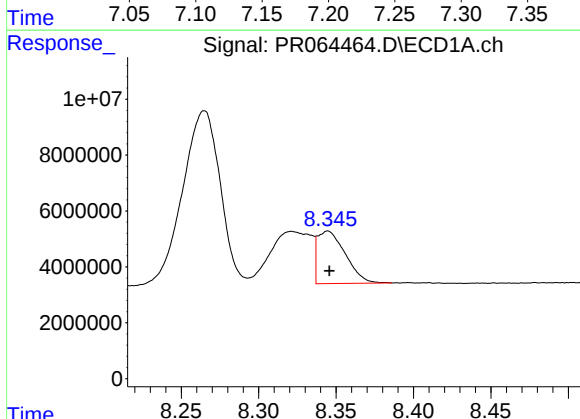
R.T.: 8.265 min
Delta R.T.: 0.012 min
Response: 105555691
Conc: 199.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



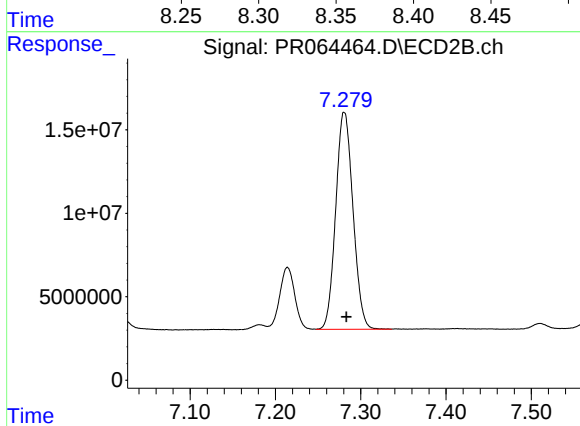
#41 AR-1268-1

R.T.: 7.214 min
Delta R.T.: 0.001 min
Response: 45837979
Conc: 63.83 ng/ml



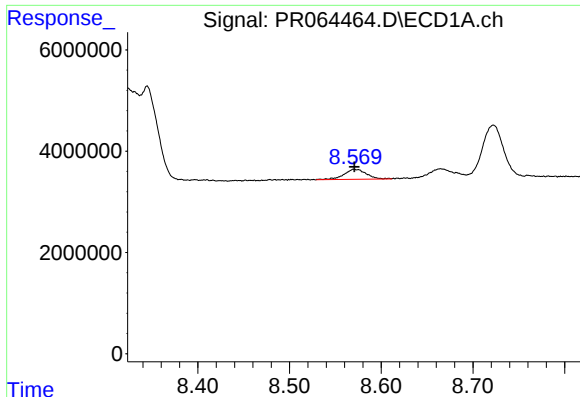
#42 AR-1268-2

R.T.: 8.345 min
Delta R.T.: 0.000 min
Response: 23555280
Conc: 50.30 ng/ml



#42 AR-1268-2

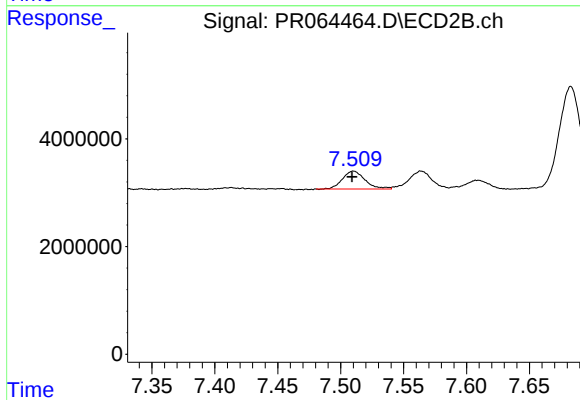
R.T.: 7.281 min
Delta R.T.: -0.002 min
Response: 183213772
Conc: 255.63 ng/ml



#43 AR-1268-3

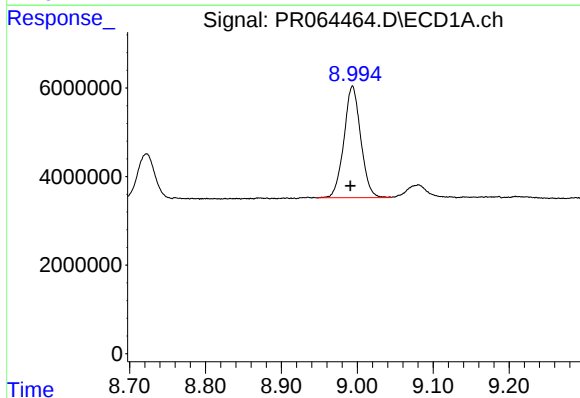
R.T.: 8.571 min
Delta R.T.: 0.000 min
Response: 3353122
Conc: 8.18 ng/ml

Instrument :
ECD_R
ClientSampleId :



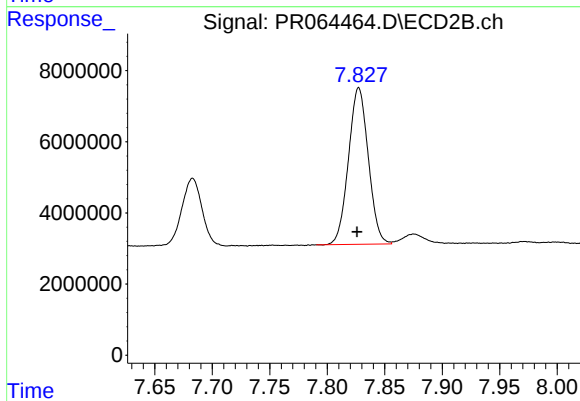
#43 AR-1268-3

R.T.: 7.510 min
Delta R.T.: 0.001 min
Response: 4153606
Conc: 6.79 ng/ml



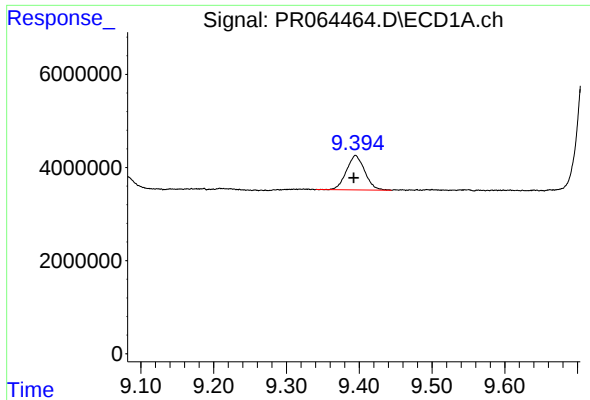
#44 AR-1268-4

R.T.: 8.994 min
Delta R.T.: 0.003 min
Response: 38818873
Conc: 228.46 ng/ml



#44 AR-1268-4

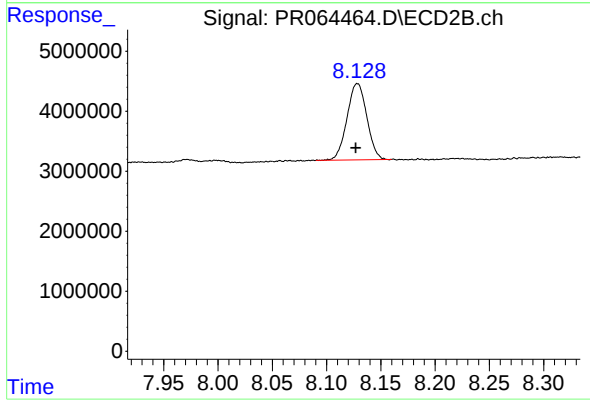
R.T.: 7.827 min
Delta R.T.: 0.002 min
Response: 52915451
Conc: 210.98 ng/ml



#45 AR-1268-5

R.T.: 9.395 min
Delta R.T.: 0.002 min
Response: 12919498
Conc: 9.99 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.128 min
Delta R.T.: 0.001 min
Response: 16108601
Conc: 8.85 ng/ml