

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112423\
 Data File : PR064570.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2023 16:24
 Operator : AJ\MA
 Sample : 05456-08MSD
 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: Nov 24 21:45:11 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...	3.702	3.009	130.7E6	120.5E6	21.442	21.187
2)	SA Decachlor...	9.722	8.389	78296369	86825231	22.178	20.052
Target Compounds							
3)	L1 AR-1016-1	4.940	4.156	71407295	78633454	391.796	412.061
4)	L1 AR-1016-2	4.962	4.176	104.4E6	108.0E6	389.600	407.354
5)	L1 AR-1016-3	5.028	4.359	65897667	58917159	394.578	412.877
6)	L1 AR-1016-4	5.131	4.410	52521829	46049620	384.804	430.936
7)	L1 AR-1016-5	5.452	4.634	54694457	58659795	412.961	408.437
8)	L2 AR-1221-1	3.923	3.239	7590846	7114102	109.398	110.767
9)	L2 AR-1221-2	4.017	3.328	10176510	8981597	215.074	202.573
10)	L2 AR-1221-3	4.096	3.406	41707476	39300932	267.229	257.040
11)	L3 AR-1232-1	4.096	3.406	41707476	39300932	324.963	311.775
12)	L3 AR-1232-2	4.652	4.176	61163741	108.0E6	957.898	889.541
13)	L3 AR-1232-3	4.962	4.359	104.4E6	58917159	875.928	922.639
14)	L3 AR-1232-4	5.131	4.453	52521829	54981337	888.211	957.659
15)	L3 AR-1232-5	5.237	4.634	44231097	58659795	1001.042	939.556
16)	L4 AR-1242-1	4.940	4.156	71407295	78633454	465.937	483.845
17)	L4 AR-1242-2	4.962	4.176	104.4E6	108.0E6	465.787	484.178
18)	L4 AR-1242-3	5.028	4.359	65897667	58917159	468.096	490.786
19)	L4 AR-1242-4	5.131	4.453	52521829	54981337	456.980	480.190
20)	L4 AR-1242-5	5.930	5.013	7787250	48060593	67.572	324.214 #
21)	L5 AR-1248-1	4.940	4.156	71407295	78633454	604.568	636.776
22)	L5 AR-1248-2	5.237	4.410	44231097	46049620	270.844	281.206
23)	L5 AR-1248-3	5.452	4.453	54694457	54981337	289.823	320.135
24)	L5 AR-1248-4	5.889	4.634	8338177	58659795	40.789	282.366 #
25)	L5 AR-1248-5	5.930	5.056	7787250	7547652	38.467	36.457
26)	L6 AR-1254-1	5.859	5.013	42115822	48060593	207.403	155.208 #
27)	L6 AR-1254-2	6.101	5.176	42677174	46150641	138.923	171.877
28)	L6 AR-1254-3	6.496	5.608	23063211	23813500	73.443	56.153
29)	L6 AR-1254-4	6.809	5.857	13671617	10314599	63.329	39.047 #
30)	L6 AR-1254-5	7.270	6.310	121.4E6	155.5E6	519.396	411.764
31)	L7 AR-1260-1	6.678	5.750	93247497	112.5E6	390.111	384.739
32)	L7 AR-1260-2	6.964	5.958	104.2E6	126.9E6	381.099	361.918
33)	L7 AR-1260-3	7.358	6.119	66680920	124.6E6	335.559	369.878
34)	L7 AR-1260-4	7.603	6.634	83344267	88688746	377.258	330.071
35)	L7 AR-1260-5	7.945	6.903	143.1E6	206.0E6	344.713	326.989
36)	L8 AR-1262-1	7.358	6.355	66680920	93793626	231.787	241.651
37)	L8 AR-1262-2	7.945	6.903	143.1E6	206.0E6	308.528	296.451
38)	L8 AR-1262-3	8.265	7.213	91248901	36450675	295.659	146.658 #
39)	L8 AR-1262-4	8.346	7.280	21714190	144.9E6	94.160	287.021 #
40)	L8 AR-1262-5	8.995	7.827	34429323	43046212	218.722	190.378
41)	L9 AR-1268-1	8.265	7.213	91248901	36450675	172.188	50.754 #

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 ALS Vial : 15 Sample Multiplier: 1

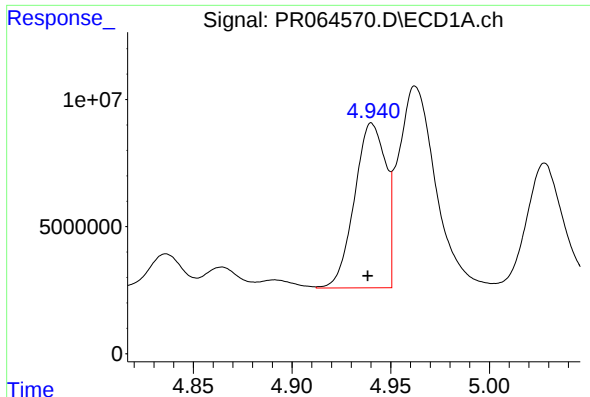
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 21:45:11 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR112023CLP.M
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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	8.346	7.280	21714190	144.9E6	46.367	202.113 #
43) L9	AR-1268-3	8.574	7.510	2659285	3046654	6.488	4.982
44) L9	AR-1268-4	8.995	7.827	34429323	43046212	202.626	171.627
45) L9	AR-1268-5	9.397	8.128	11975787	12952954	9.258	7.118

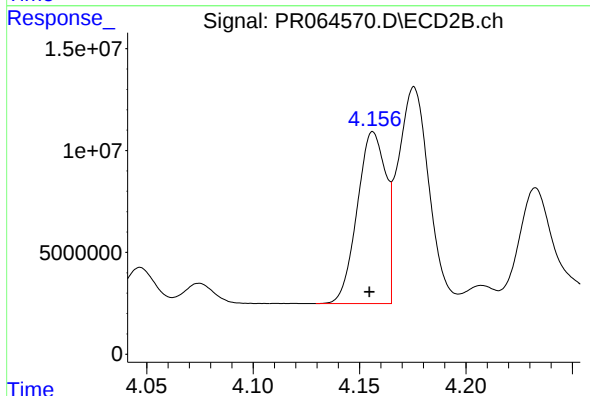
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

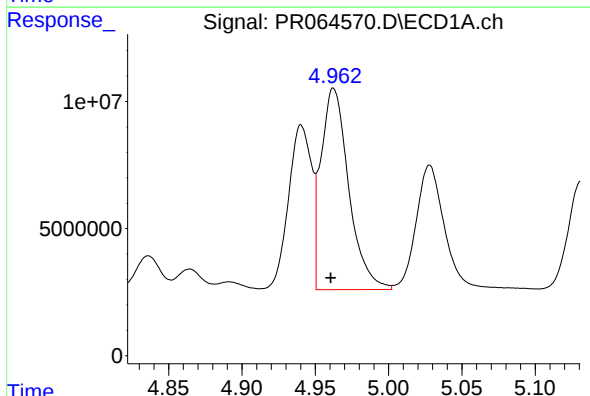
R.T.: 4.940 min
Delta R.T.: 0.002 min
Response: 71407295
Conc: 391.80 ng/ml

Instrument :
ECD_R
ClientSampleId :



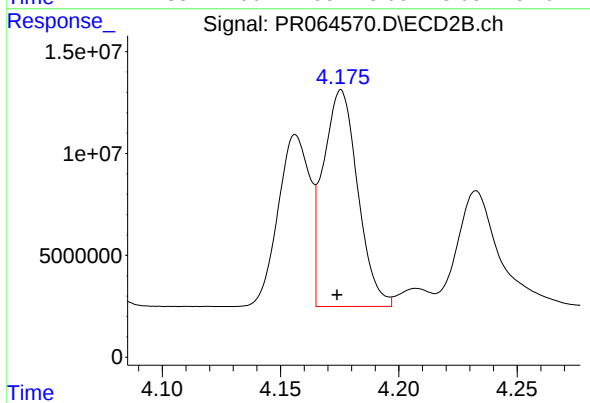
#3 AR-1016-1

R.T.: 4.156 min
Delta R.T.: 0.002 min
Response: 78633454
Conc: 412.06 ng/ml



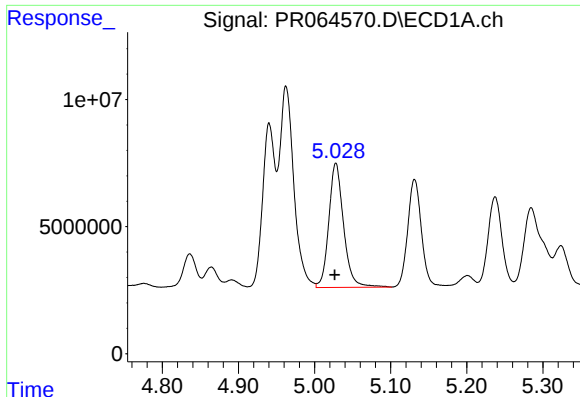
#4 AR-1016-2

R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 104448651
Conc: 389.60 ng/ml



#4 AR-1016-2

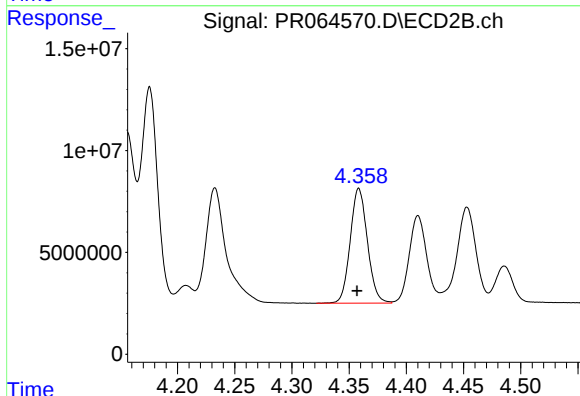
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 108049070
Conc: 407.35 ng/ml



#5 AR-1016-3

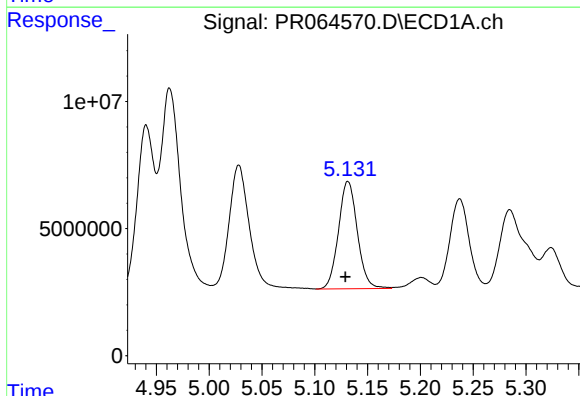
R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 65897667
Conc: 394.58 ng/ml

Instrument :
ECD_R
ClientSampleId :



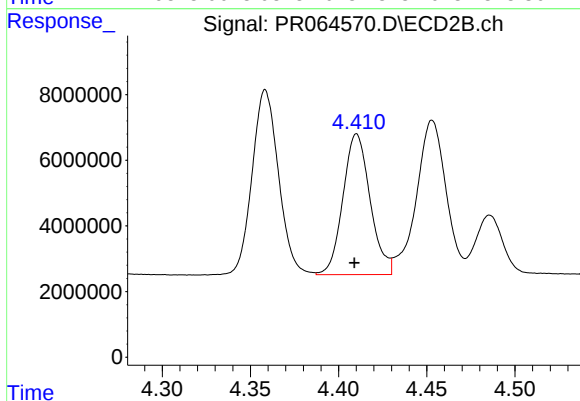
#5 AR-1016-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 58917159
Conc: 412.88 ng/ml



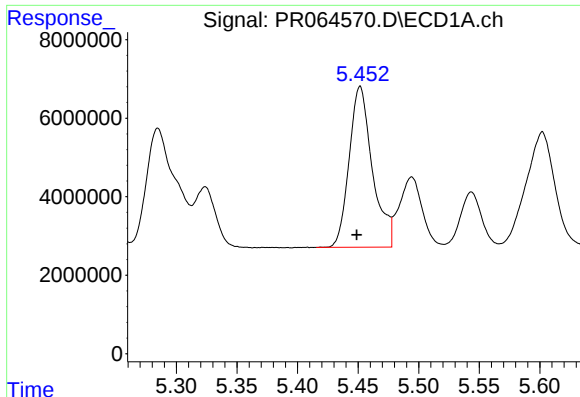
#6 AR-1016-4

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 52521829
Conc: 384.80 ng/ml



#6 AR-1016-4

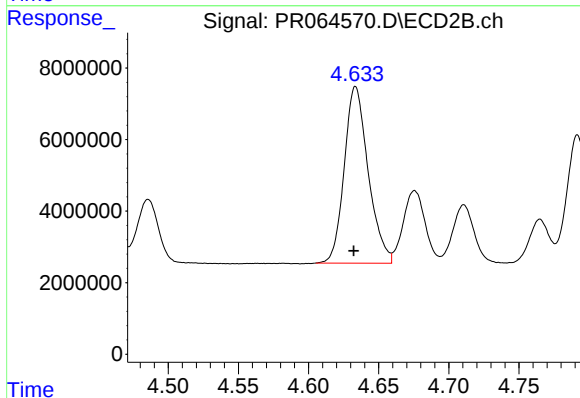
R.T.: 4.410 min
Delta R.T.: 0.001 min
Response: 46049620
Conc: 430.94 ng/ml



#7 AR-1016-5

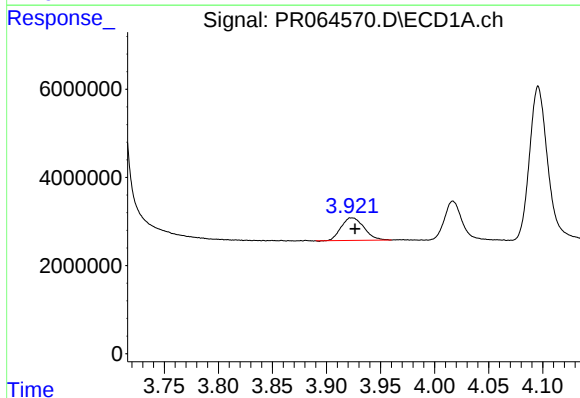
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 54694457
Conc: 412.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



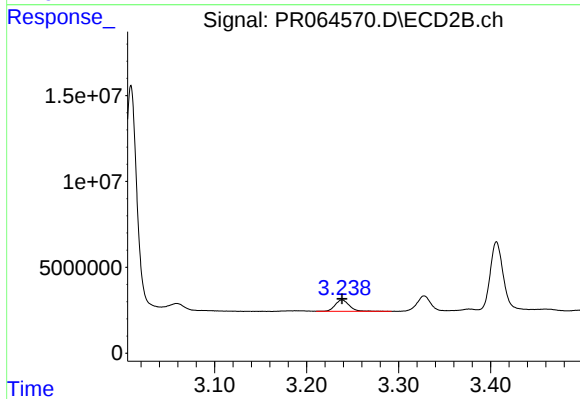
#7 AR-1016-5

R.T.: 4.634 min
Delta R.T.: 0.001 min
Response: 58659795
Conc: 408.44 ng/ml



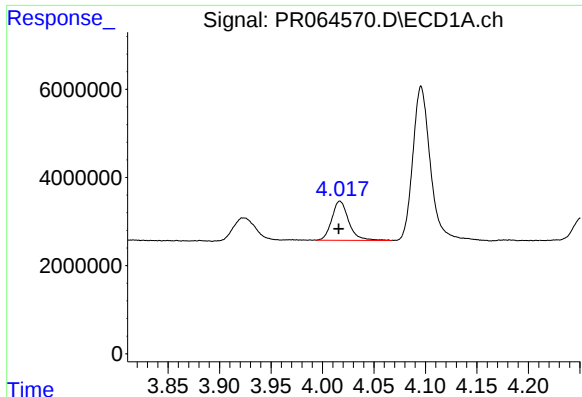
#8 AR-1221-1

R.T.: 3.923 min
Delta R.T.: -0.003 min
Response: 7590846
Conc: 109.40 ng/ml



#8 AR-1221-1

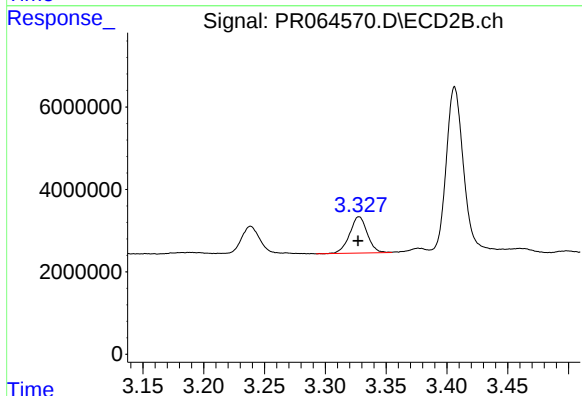
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 7114102
Conc: 110.77 ng/ml



#9 AR-1221-2

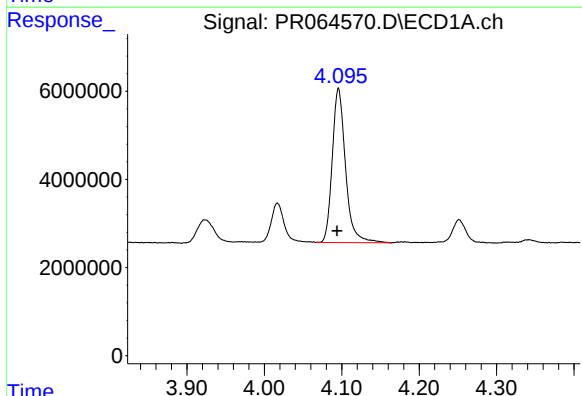
R.T.: 4.017 min
Delta R.T.: 0.001 min
Response: 10176510
Conc: 215.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



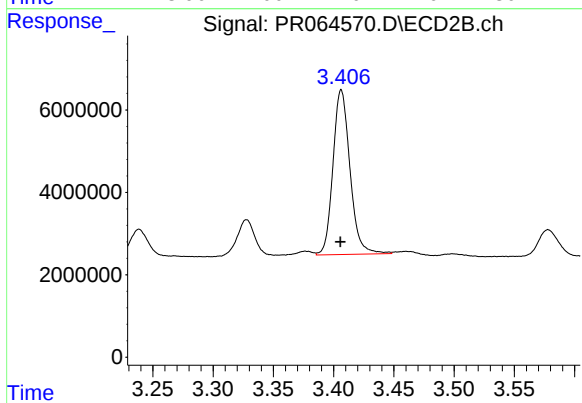
#9 AR-1221-2

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 8981597
Conc: 202.57 ng/ml



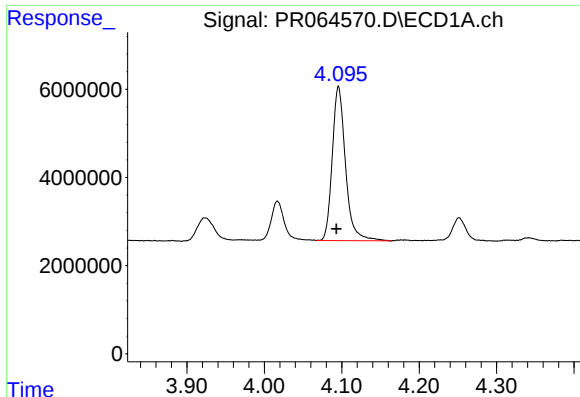
#10 AR-1221-3

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 41707476
Conc: 267.23 ng/ml



#10 AR-1221-3

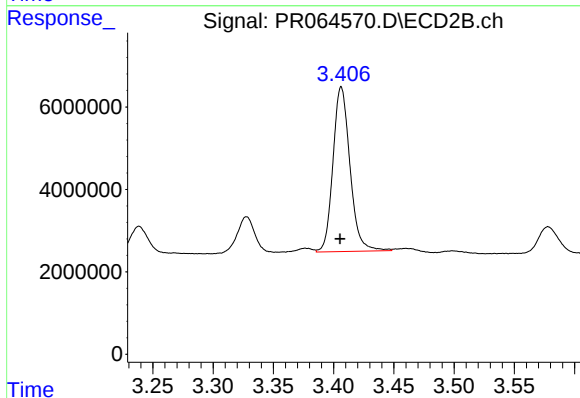
R.T.: 3.406 min
Delta R.T.: 0.000 min
Response: 39300932
Conc: 257.04 ng/ml



#11 AR-1232-1

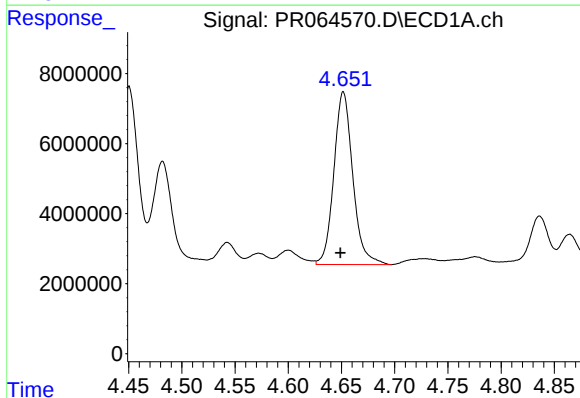
R.T.: 4.096 min
Delta R.T.: 0.003 min
Response: 41707476
Conc: 324.96 ng/ml

Instrument :
ECD_R
ClientSampleId :



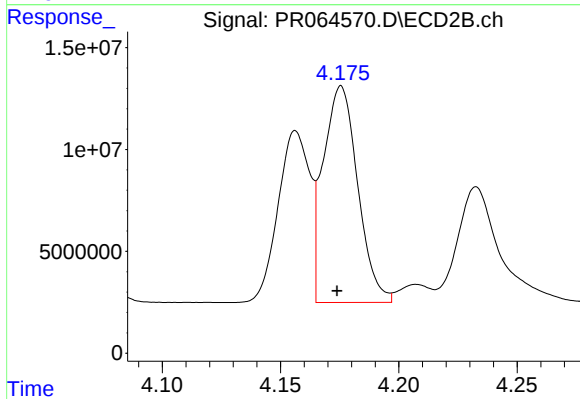
#11 AR-1232-1

R.T.: 3.406 min
Delta R.T.: 0.001 min
Response: 39300932
Conc: 311.77 ng/ml



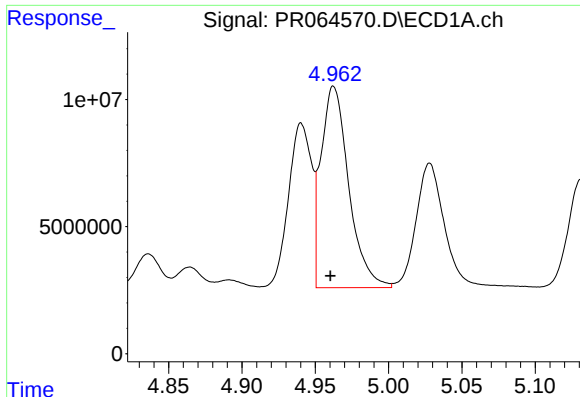
#12 AR-1232-2

R.T.: 4.652 min
Delta R.T.: 0.003 min
Response: 61163741
Conc: 957.90 ng/ml



#12 AR-1232-2

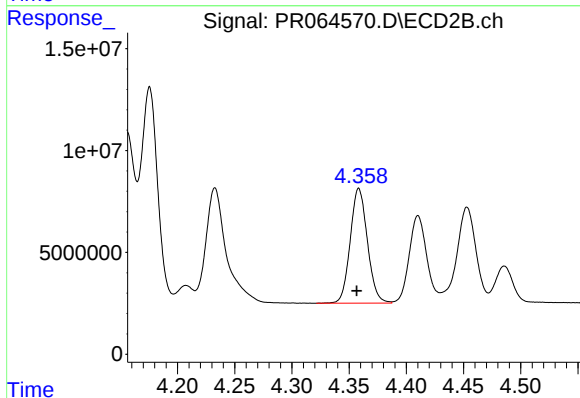
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 108049070
Conc: 889.54 ng/ml



#13 AR-1232-3

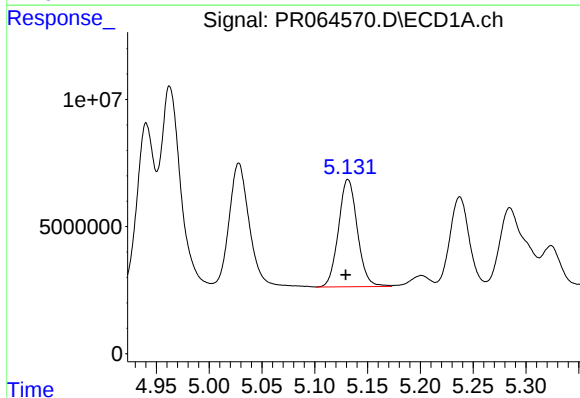
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 104448651
Conc: 875.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



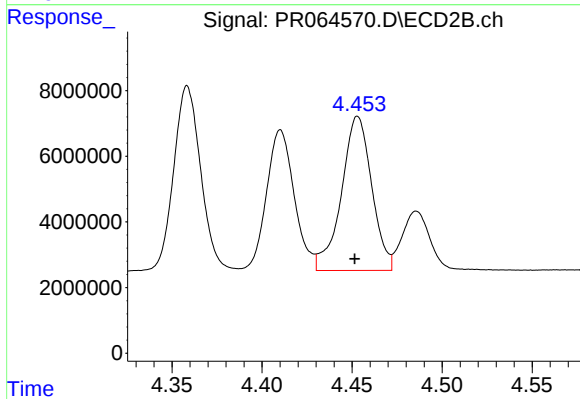
#13 AR-1232-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 58917159
Conc: 922.64 ng/ml



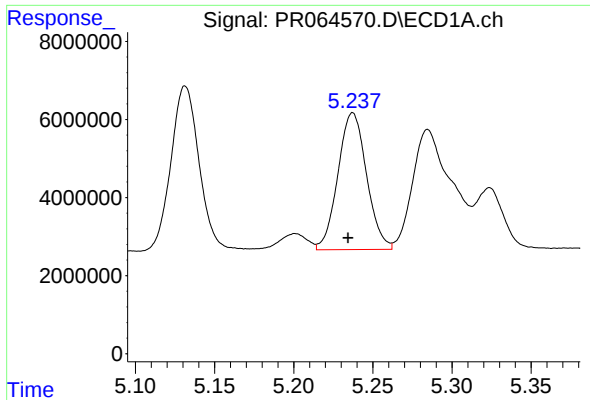
#14 AR-1232-4

R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 52521829
Conc: 888.21 ng/ml



#14 AR-1232-4

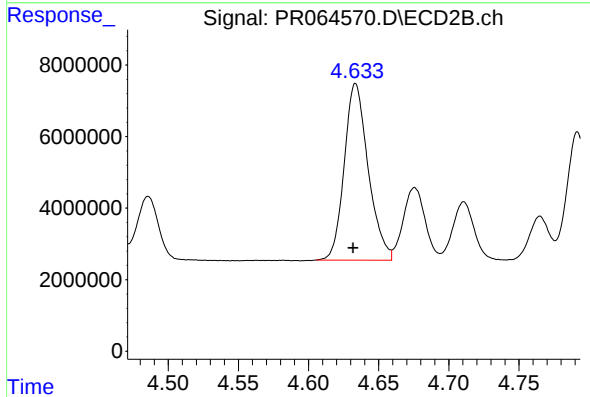
R.T.: 4.453 min
Delta R.T.: 0.002 min
Response: 54981337
Conc: 957.66 ng/ml



#15 AR-1232-5

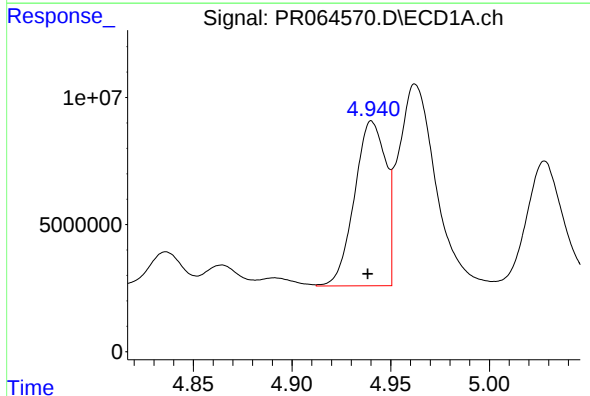
R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 44231097
Conc: 1001.04 ng/ml

Instrument :
ECD_R
ClientSampleId :



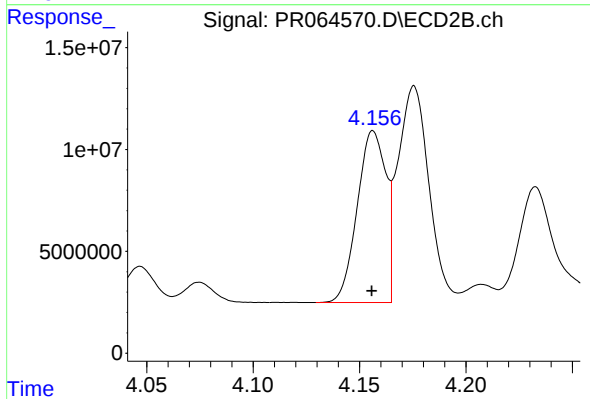
#15 AR-1232-5

R.T.: 4.634 min
Delta R.T.: 0.002 min
Response: 58659795
Conc: 939.56 ng/ml



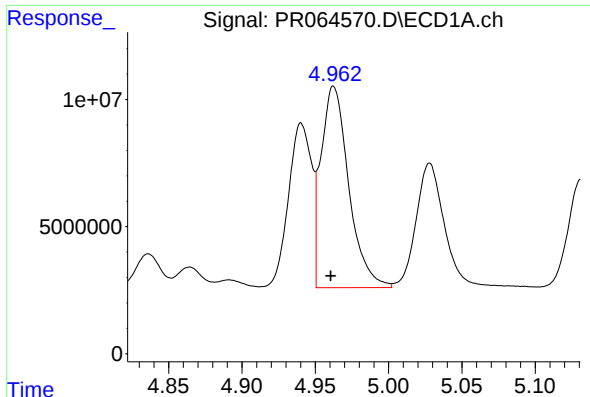
#16 AR-1242-1

R.T.: 4.940 min
Delta R.T.: 0.002 min
Response: 71407295
Conc: 465.94 ng/ml



#16 AR-1242-1

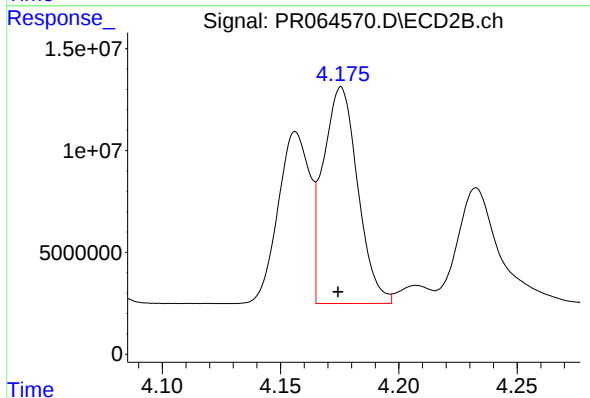
R.T.: 4.156 min
Delta R.T.: 0.000 min
Response: 78633454
Conc: 483.85 ng/ml



#17 AR-1242-2

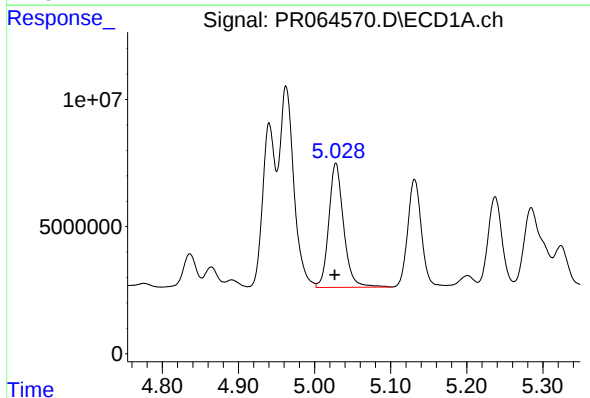
R.T.: 4.962 min
Delta R.T.: 0.002 min
Response: 104448651
Conc: 465.79 ng/ml

Instrument :
ECD_R
ClientSampleId :



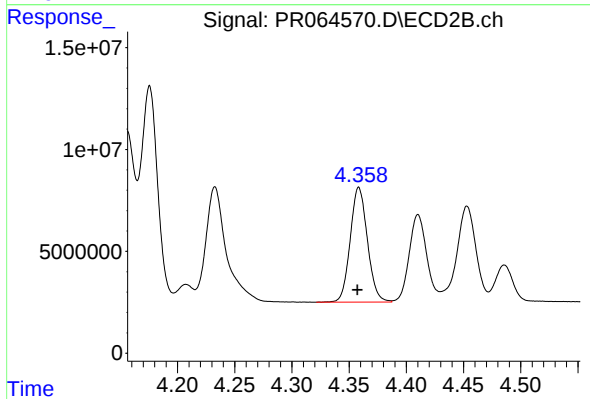
#17 AR-1242-2

R.T.: 4.176 min
Delta R.T.: 0.001 min
Response: 108049070
Conc: 484.18 ng/ml



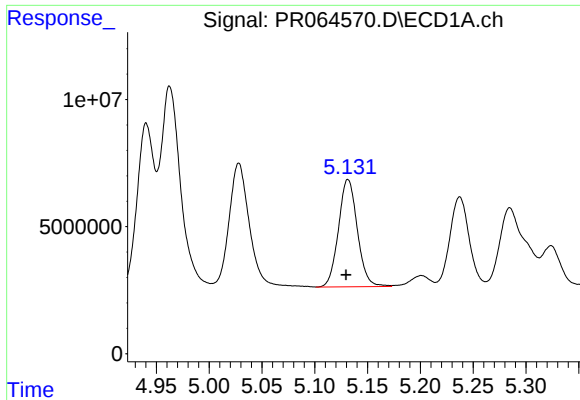
#18 AR-1242-3

R.T.: 5.028 min
Delta R.T.: 0.002 min
Response: 65897667
Conc: 468.10 ng/ml



#18 AR-1242-3

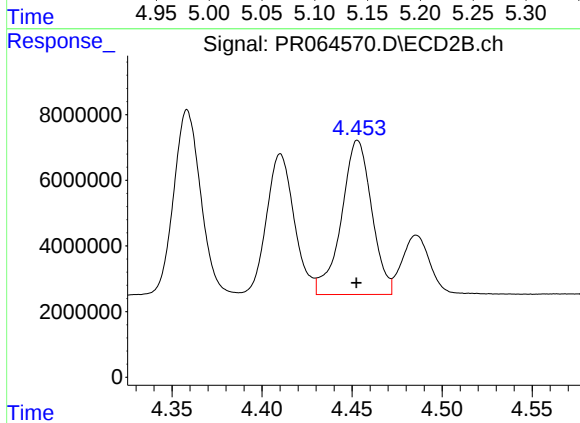
R.T.: 4.359 min
Delta R.T.: 0.001 min
Response: 58917159
Conc: 490.79 ng/ml



#19 AR-1242-4

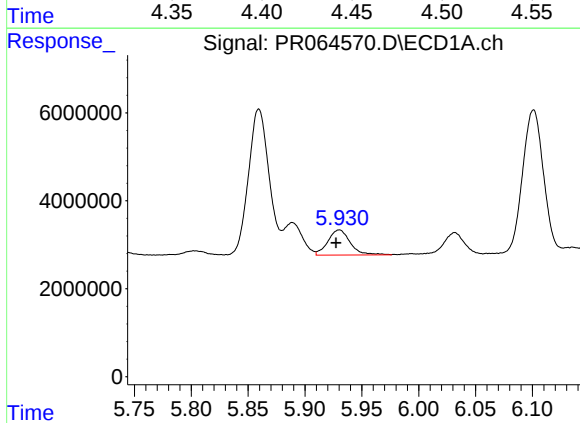
R.T.: 5.131 min
Delta R.T.: 0.002 min
Response: 52521829
Conc: 456.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



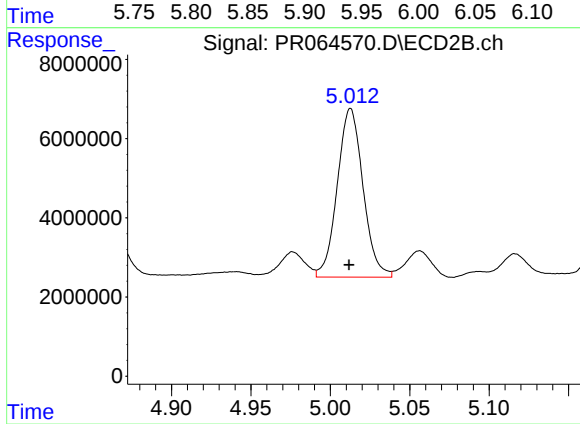
#19 AR-1242-4

R.T.: 4.453 min
Delta R.T.: 0.000 min
Response: 54981337
Conc: 480.19 ng/ml



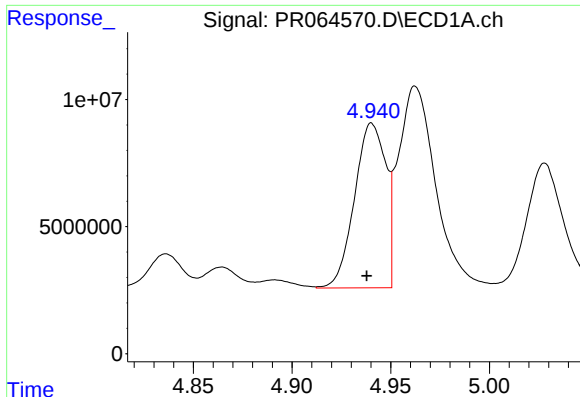
#20 AR-1242-5

R.T.: 5.930 min
Delta R.T.: 0.003 min
Response: 7787250
Conc: 67.57 ng/ml



#20 AR-1242-5

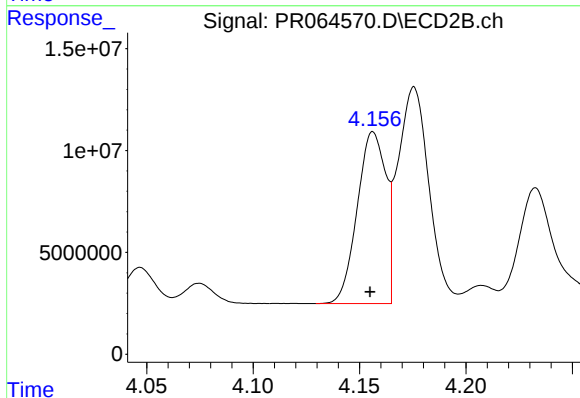
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 48060593
Conc: 324.21 ng/ml



#21 AR-1248-1

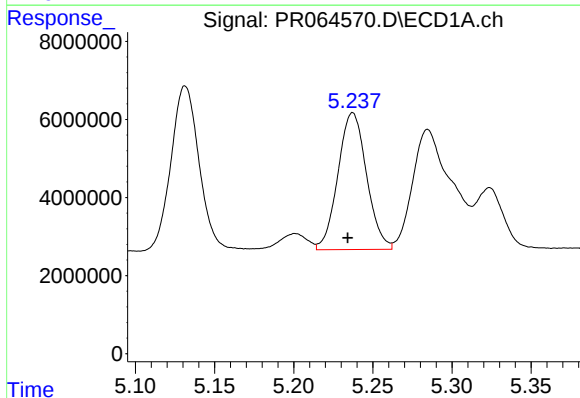
R.T.: 4.940 min
Delta R.T.: 0.003 min
Response: 71407295
Conc: 604.57 ng/ml

Instrument :
ECD_R
ClientSampleId :



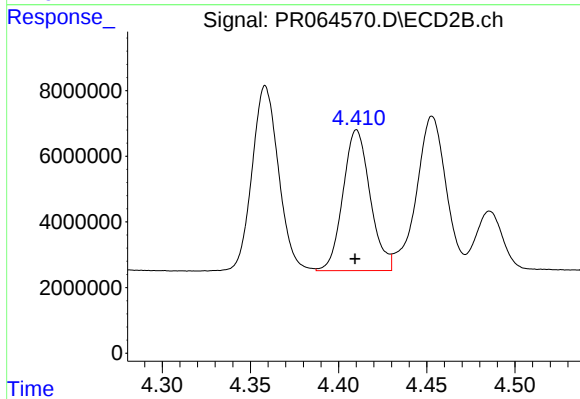
#21 AR-1248-1

R.T.: 4.156 min
Delta R.T.: 0.001 min
Response: 78633454
Conc: 636.78 ng/ml



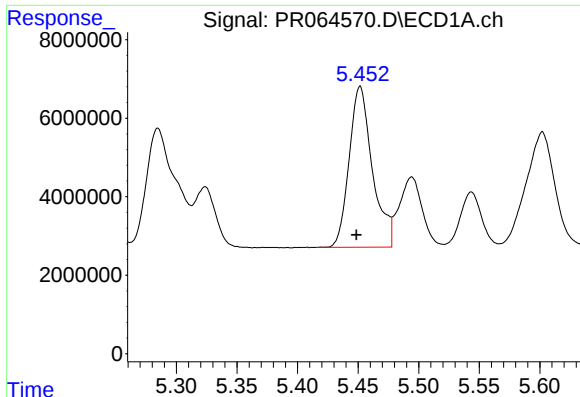
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 44231097
Conc: 270.84 ng/ml



#22 AR-1248-2

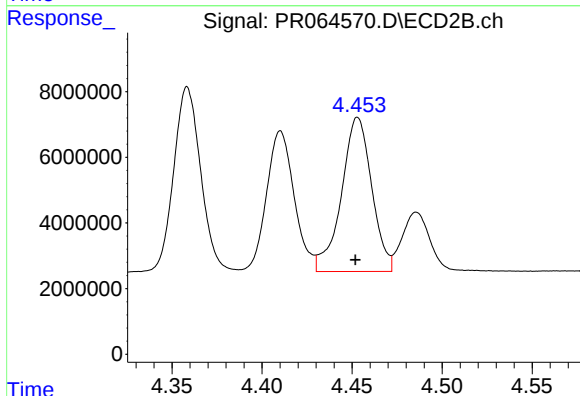
R.T.: 4.410 min
Delta R.T.: 0.000 min
Response: 46049620
Conc: 281.21 ng/ml



#23 AR-1248-3

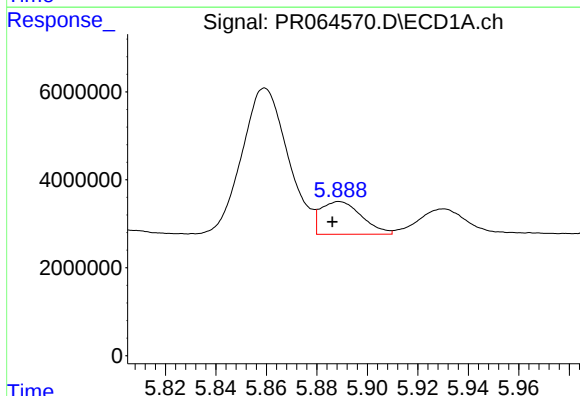
R.T.: 5.452 min
Delta R.T.: 0.003 min
Response: 54694457
Conc: 289.82 ng/ml

Instrument :
ECD_R
ClientSampleId :



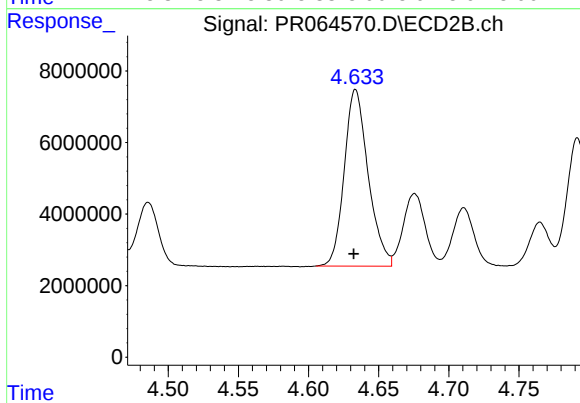
#23 AR-1248-3

R.T.: 4.453 min
Delta R.T.: 0.001 min
Response: 54981337
Conc: 320.13 ng/ml



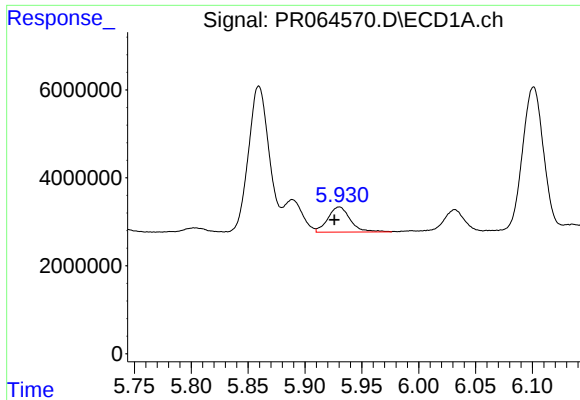
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 8338177
Conc: 40.79 ng/ml



#24 AR-1248-4

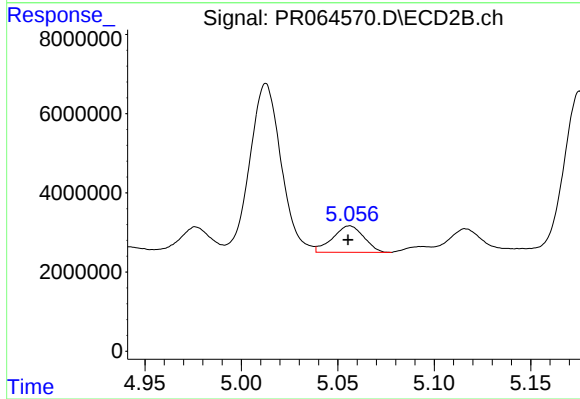
R.T.: 4.634 min
Delta R.T.: 0.001 min
Response: 58659795
Conc: 282.37 ng/ml



#25 AR-1248-5

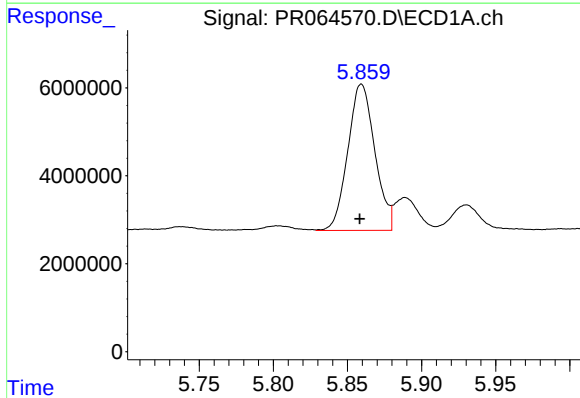
R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 7787250
Conc: 38.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



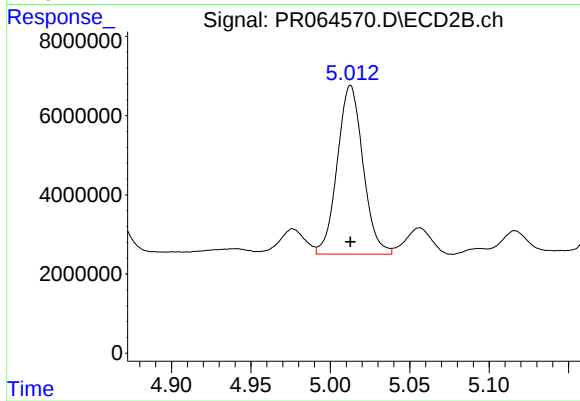
#25 AR-1248-5

R.T.: 5.056 min
Delta R.T.: 0.000 min
Response: 7547652
Conc: 36.46 ng/ml



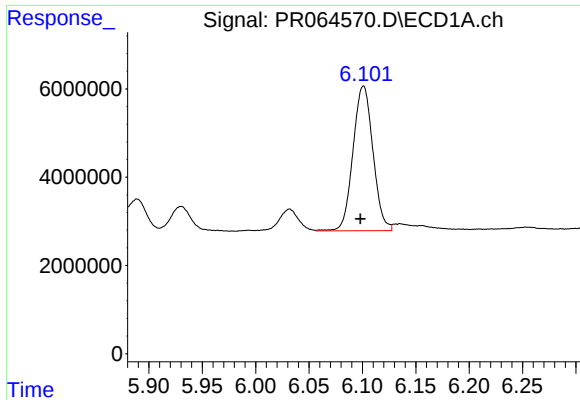
#26 AR-1254-1

R.T.: 5.859 min
Delta R.T.: 0.001 min
Response: 42115822
Conc: 207.40 ng/ml



#26 AR-1254-1

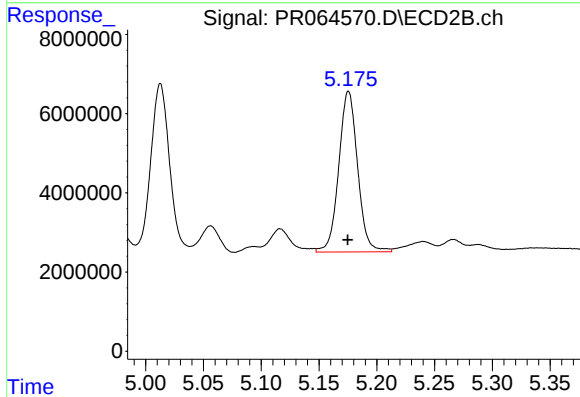
R.T.: 5.013 min
Delta R.T.: 0.000 min
Response: 48060593
Conc: 155.21 ng/ml



#27 AR-1254-2

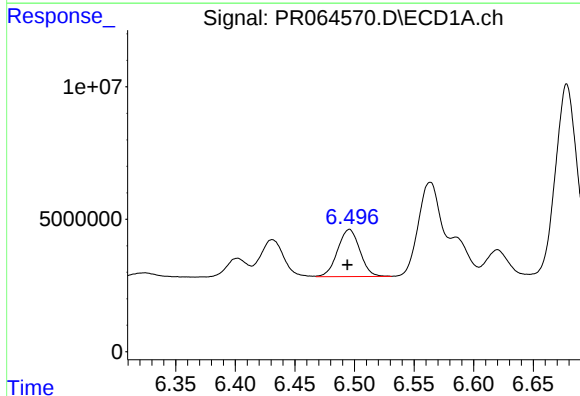
R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 42677174
Conc: 138.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



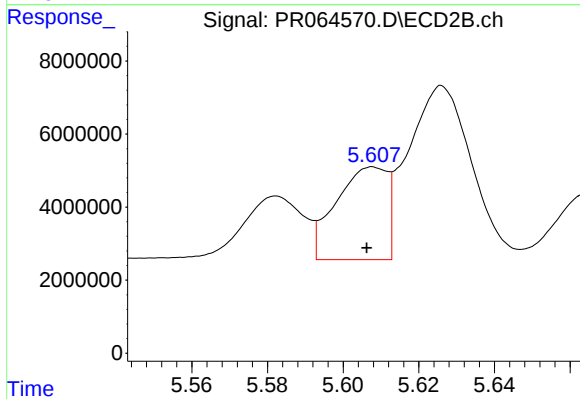
#27 AR-1254-2

R.T.: 5.176 min
Delta R.T.: 0.000 min
Response: 46150641
Conc: 171.88 ng/ml



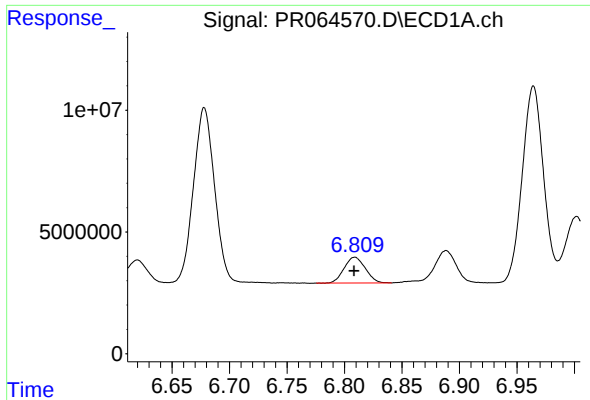
#28 AR-1254-3

R.T.: 6.496 min
Delta R.T.: 0.002 min
Response: 23063211
Conc: 73.44 ng/ml



#28 AR-1254-3

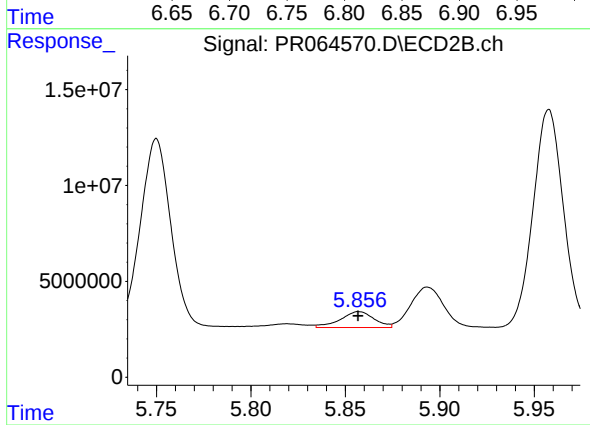
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 23813500
Conc: 56.15 ng/ml



#29 AR-1254-4

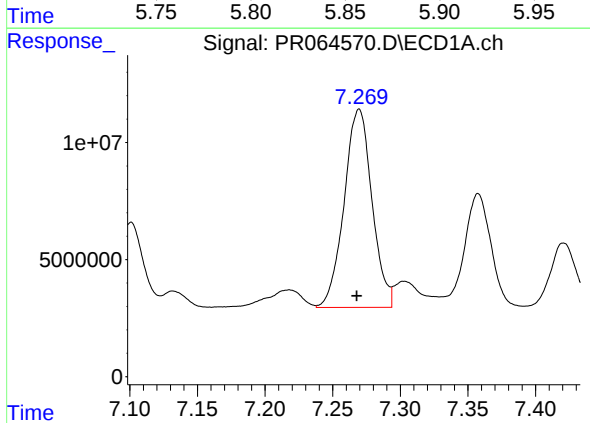
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 13671617
Conc: 63.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



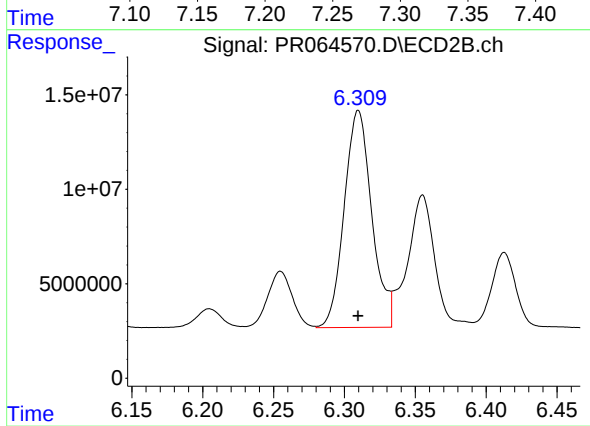
#29 AR-1254-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 10314599
Conc: 39.05 ng/ml



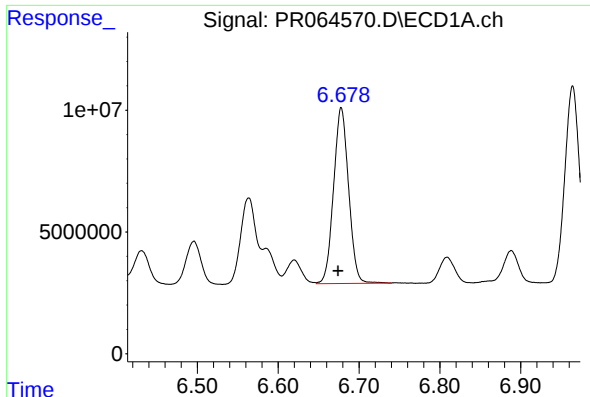
#30 AR-1254-5

R.T.: 7.270 min
Delta R.T.: 0.002 min
Response: 121379592
Conc: 519.40 ng/ml



#30 AR-1254-5

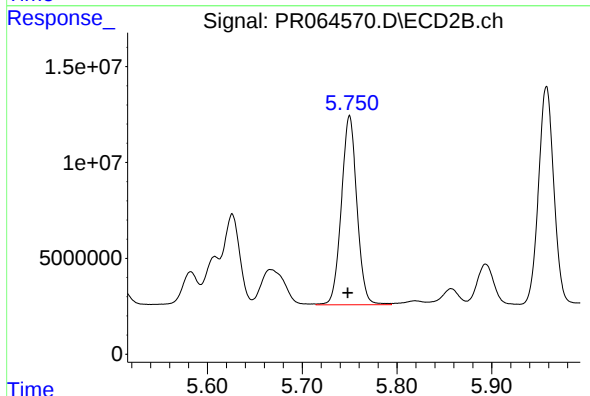
R.T.: 6.310 min
Delta R.T.: 0.000 min
Response: 155508396
Conc: 411.76 ng/ml



#31 AR-1260-1

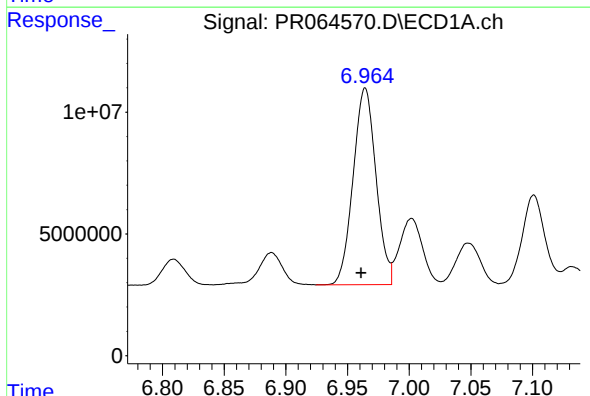
R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 93247497
Conc: 390.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



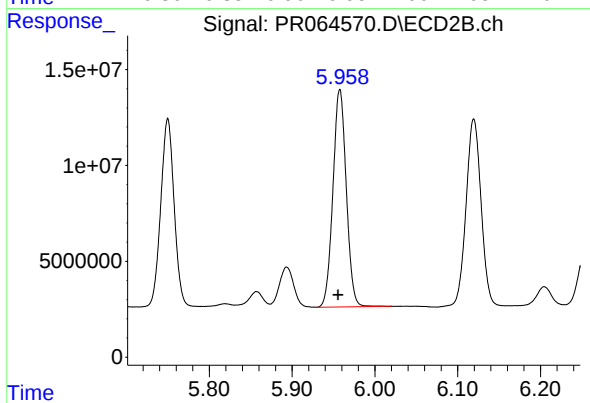
#31 AR-1260-1

R.T.: 5.750 min
Delta R.T.: 0.002 min
Response: 112466402
Conc: 384.74 ng/ml



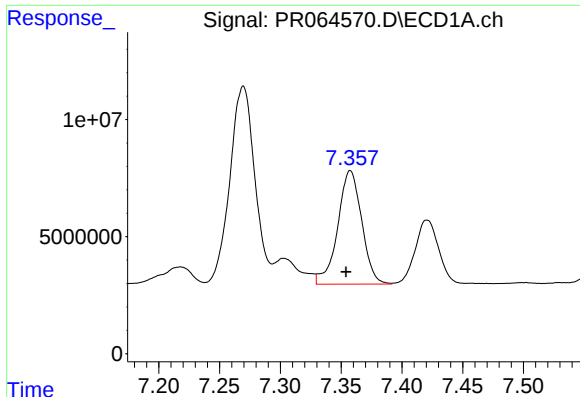
#32 AR-1260-2

R.T.: 6.964 min
Delta R.T.: 0.004 min
Response: 104234162
Conc: 381.10 ng/ml



#32 AR-1260-2

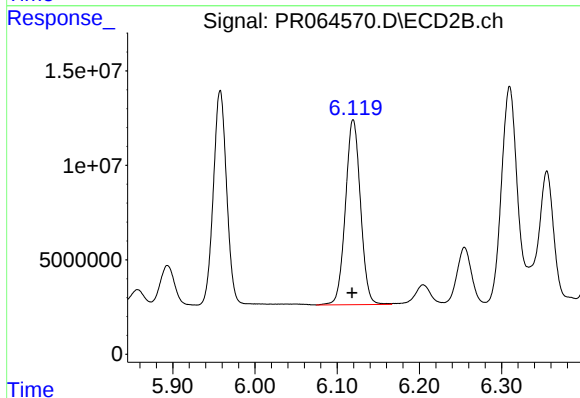
R.T.: 5.958 min
Delta R.T.: 0.002 min
Response: 126911275
Conc: 361.92 ng/ml



#33 AR-1260-3

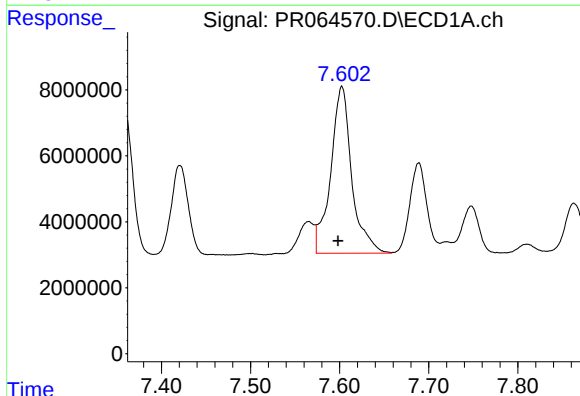
R.T.: 7.358 min
Delta R.T.: 0.003 min
Response: 66680920
Conc: 335.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



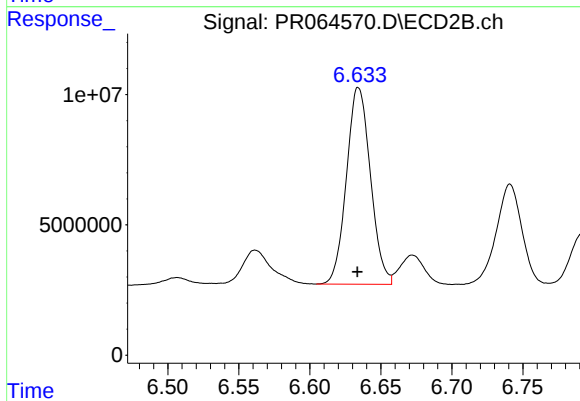
#33 AR-1260-3

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 124590832
Conc: 369.88 ng/ml



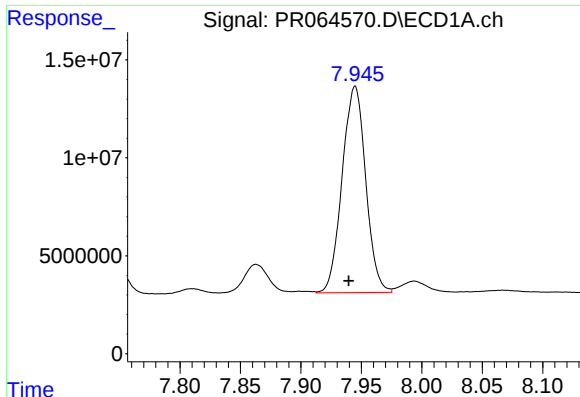
#34 AR-1260-4

R.T.: 7.603 min
Delta R.T.: 0.004 min
Response: 83344267
Conc: 377.26 ng/ml



#34 AR-1260-4

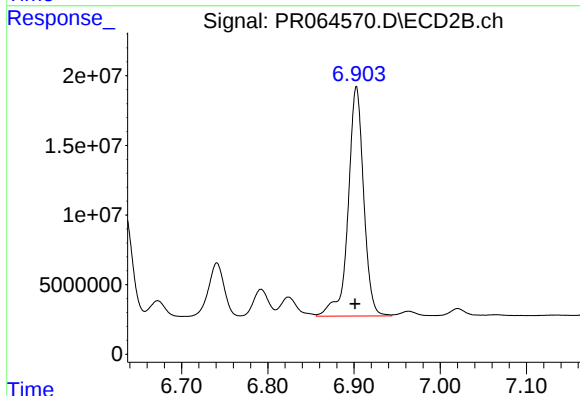
R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 88688746
Conc: 330.07 ng/ml



#35 AR-1260-5

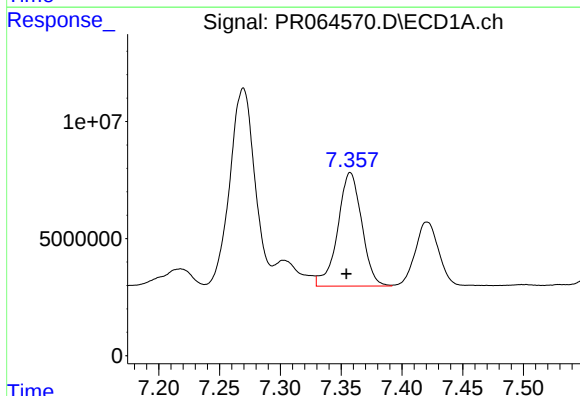
R.T.: 7.945 min
Delta R.T.: 0.005 min
Response: 143081062
Conc: 344.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



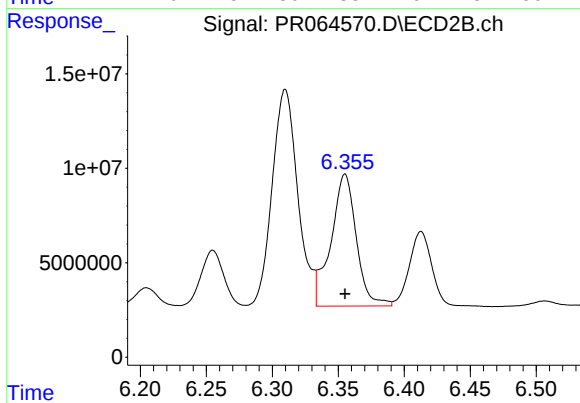
#35 AR-1260-5

R.T.: 6.903 min
Delta R.T.: 0.002 min
Response: 206027831
Conc: 326.99 ng/ml



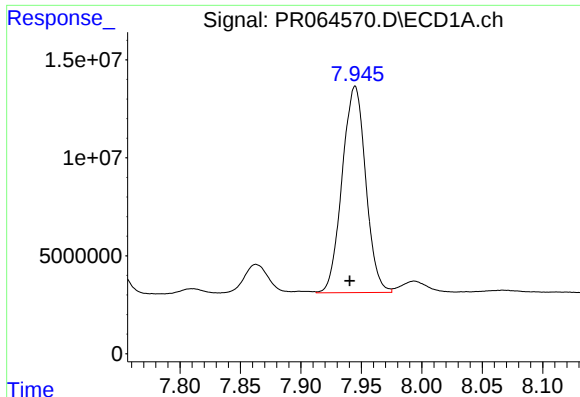
#36 AR-1262-1

R.T.: 7.358 min
Delta R.T.: 0.003 min
Response: 66680920
Conc: 231.79 ng/ml



#36 AR-1262-1

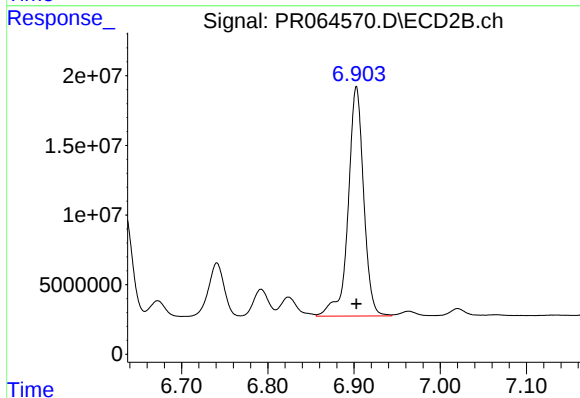
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 93793626
Conc: 241.65 ng/ml



#37 AR-1262-2

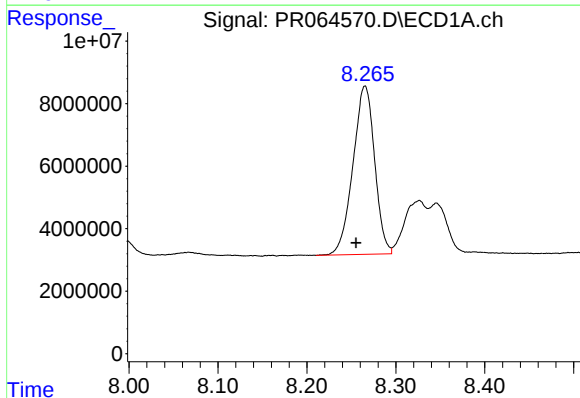
R.T.: 7.945 min
Delta R.T.: 0.004 min
Response: 143081062
Conc: 308.53 ng/ml

Instrument :
ECD_R
ClientSampleId :



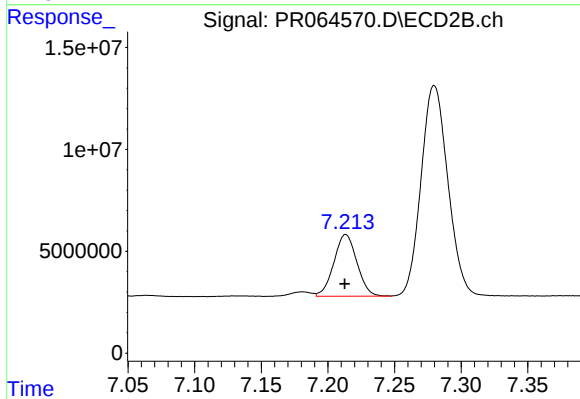
#37 AR-1262-2

R.T.: 6.903 min
Delta R.T.: 0.000 min
Response: 206027831
Conc: 296.45 ng/ml



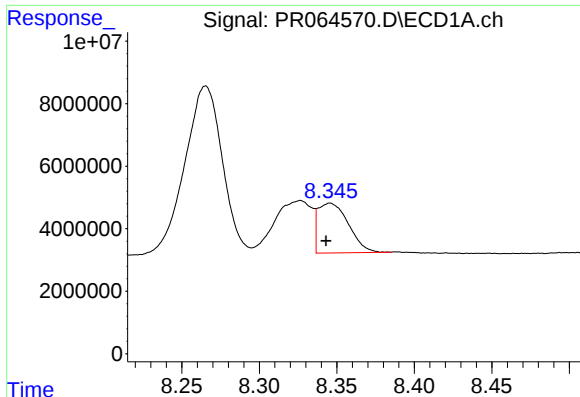
#38 AR-1262-3

R.T.: 8.265 min
Delta R.T.: 0.010 min
Response: 91248901
Conc: 295.66 ng/ml



#38 AR-1262-3

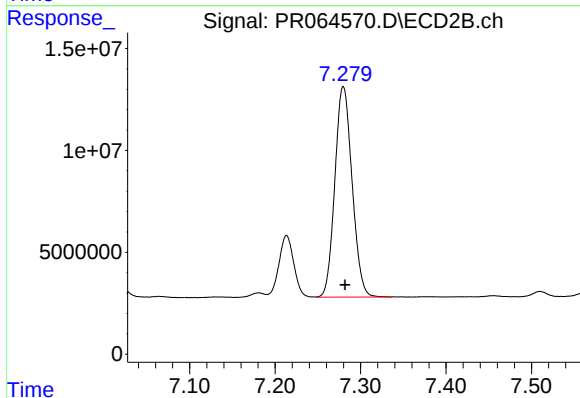
R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 36450675
Conc: 146.66 ng/ml



#39 AR-1262-4

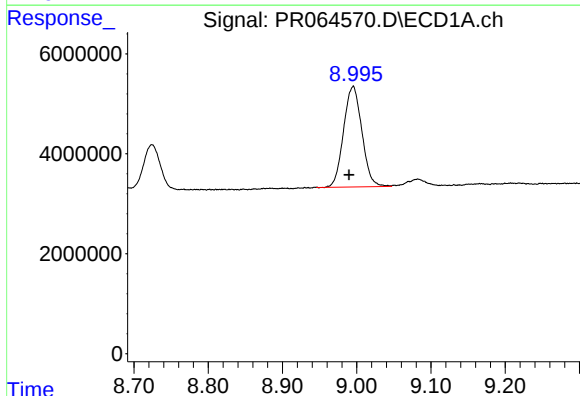
R.T.: 8.346 min
Delta R.T.: 0.002 min
Response: 21714190
Conc: 94.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



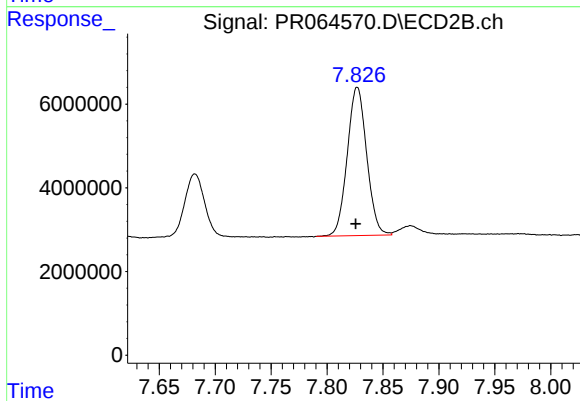
#39 AR-1262-4

R.T.: 7.280 min
Delta R.T.: -0.002 min
Response: 144857113
Conc: 287.02 ng/ml



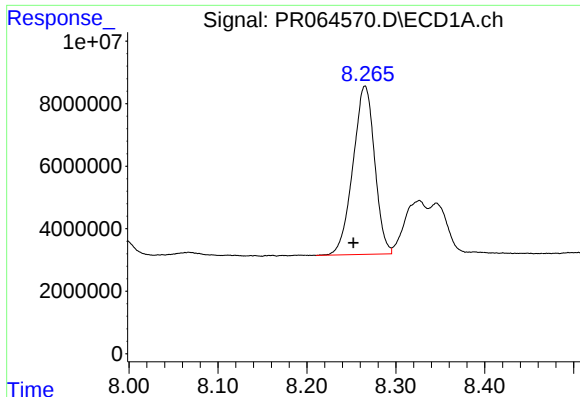
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.006 min
Response: 34429323
Conc: 218.72 ng/ml



#40 AR-1262-5

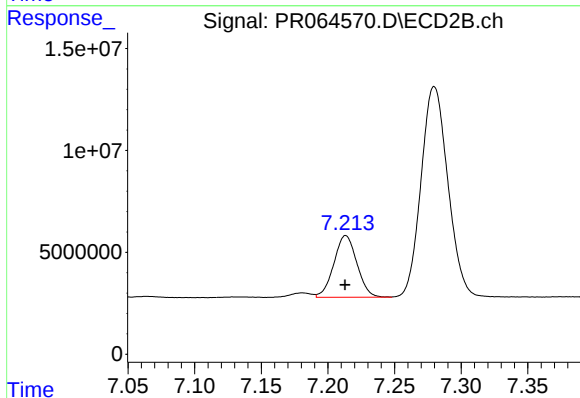
R.T.: 7.827 min
Delta R.T.: 0.001 min
Response: 43046212
Conc: 190.38 ng/ml



#41 AR-1268-1

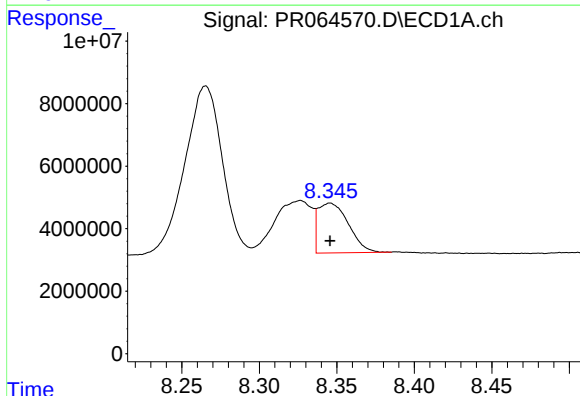
R.T.: 8.265 min
Delta R.T.: 0.013 min
Response: 91248901
Conc: 172.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



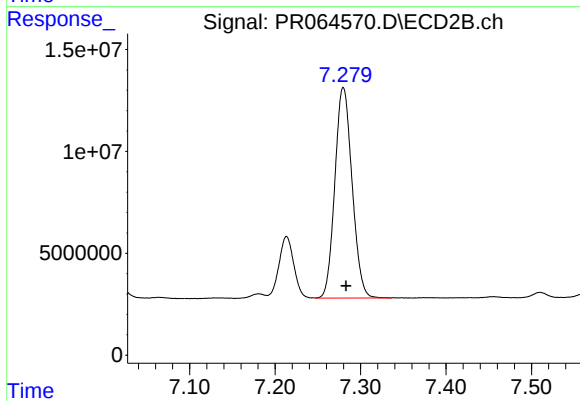
#41 AR-1268-1

R.T.: 7.213 min
Delta R.T.: 0.000 min
Response: 36450675
Conc: 50.75 ng/ml



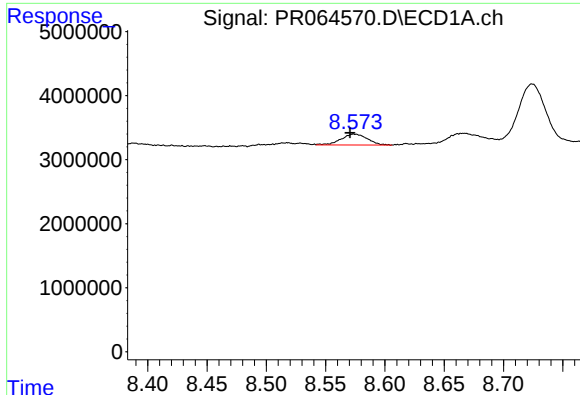
#42 AR-1268-2

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 21714190
Conc: 46.37 ng/ml



#42 AR-1268-2

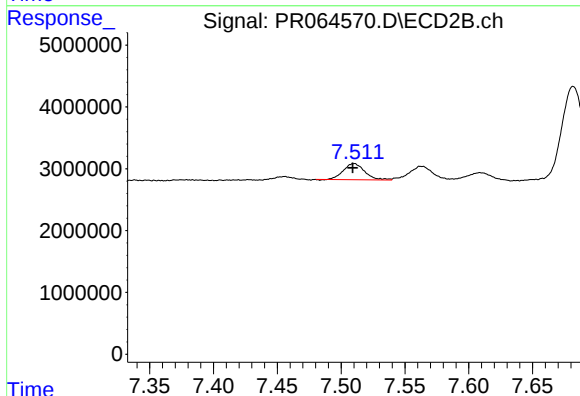
R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 144857113
Conc: 202.11 ng/ml



#43 AR-1268-3

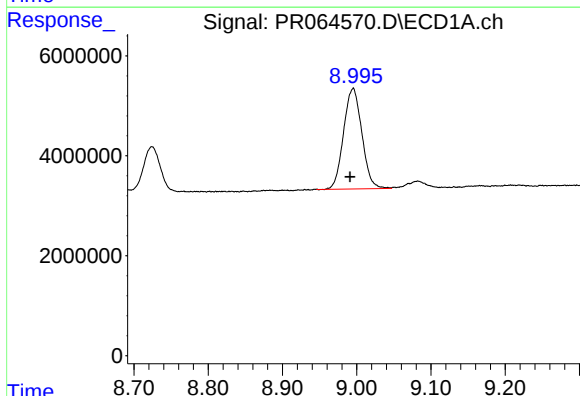
R.T.: 8.574 min
Delta R.T.: 0.003 min
Response: 2659285
Conc: 6.49 ng/ml

Instrument :
ECD_R
ClientSampleId :



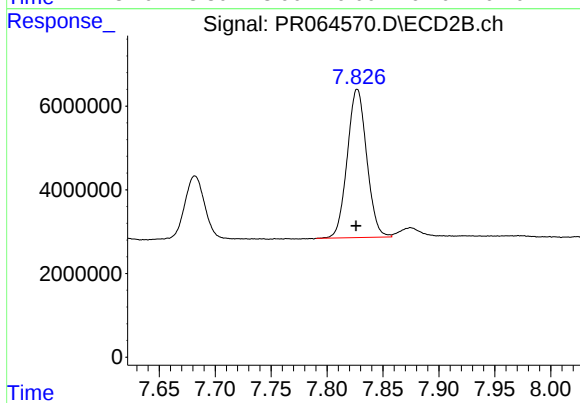
#43 AR-1268-3

R.T.: 7.510 min
Delta R.T.: 0.001 min
Response: 3046654
Conc: 4.98 ng/ml



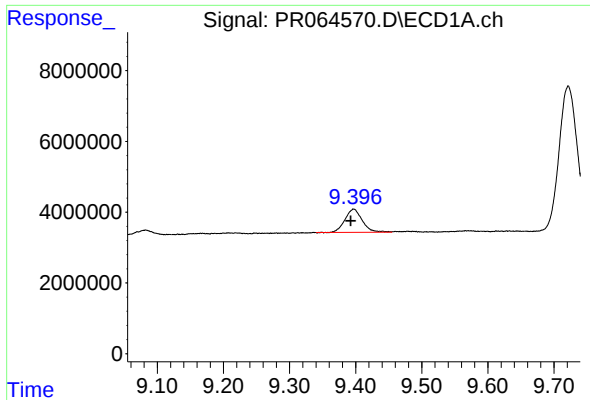
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.004 min
Response: 34429323
Conc: 202.63 ng/ml



#44 AR-1268-4

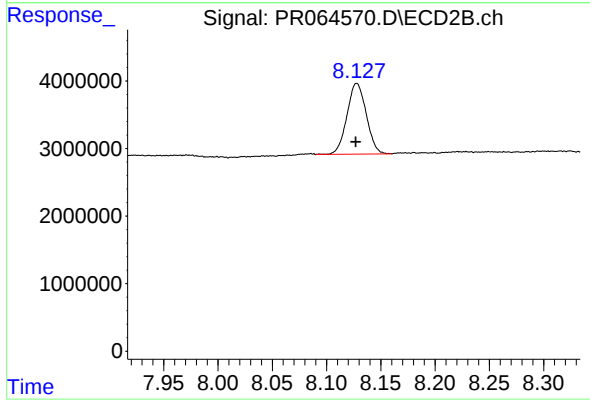
R.T.: 7.827 min
Delta R.T.: 0.001 min
Response: 43046212
Conc: 171.63 ng/ml



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: 0.004 min
Response: 11975787
Conc: 9.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.128 min
Delta R.T.: 0.000 min
Response: 12952954
Conc: 7.12 ng/ml