

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR112423\
 Data File : PR064569.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Nov 2023 16:09
 Operator : AJ\MA
 Sample : 05456-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 21:44:28 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...	3.703	3.010	133.9E6	124.7E6	21.969	21.925
2)	SA Decachlor...	9.721	8.387	84869092	93318540	24.040	21.551
Target Compounds							
3)	L1 AR-1016-1	4.940	4.156	71650486	80254311	393.131	420.555
4)	L1 AR-1016-2	4.963	4.175	107.5E6	110.1E6	400.839	415.248
5)	L1 AR-1016-3	5.029	4.359	67523018	62358650	404.310	436.994
6)	L1 AR-1016-4	5.132	4.411	55322944	39637265	405.327	370.928
7)	L1 AR-1016-5	5.451	4.633	54738532	57977658	413.293	403.688
8)	L2 AR-1221-1	3.924	3.239	10761544	6957795	155.093	108.333 #
9)	L2 AR-1221-2	4.017	3.328	11601478	10503655	245.190	236.902
10)	L2 AR-1221-3	4.096	3.407	44361861	41480787	284.236	271.297
11)	L3 AR-1232-1	4.096	3.407	44361861	41480787	345.645	329.067
12)	L3 AR-1232-2	4.652	4.175	58903126	110.1E6	922.494	906.779
13)	L3 AR-1232-3	4.963	4.359	107.5E6	62358650	901.195	976.532
14)	L3 AR-1232-4	5.132	4.453	55322944	53412810	935.581	930.338
15)	L3 AR-1232-5	5.237	4.633	45542179	57977658	1030.714	928.630
16)	L4 AR-1242-1	4.940	4.156	71650486	80254311	467.524	493.819
17)	L4 AR-1242-2	4.963	4.175	107.5E6	110.1E6	479.223	493.560
18)	L4 AR-1242-3	5.029	4.359	67523018	62358650	479.641	519.454
19)	L4 AR-1242-4	5.132	4.453	55322944	53412810	481.352	466.491
20)	L4 AR-1242-5	5.930	5.012	8612796	46216401	74.736	311.773 #
21)	L5 AR-1248-1	4.940	4.156	71650486	80254311	606.627	649.901
22)	L5 AR-1248-2	5.237	4.411	45542179	39637265	278.872	242.049
23)	L5 AR-1248-3	5.451	4.453	54738532	53412810	290.056	311.002
24)	L5 AR-1248-4	5.889	4.633	9133474	57977658	44.679	279.082 #
25)	L5 AR-1248-5	5.930	5.055	8612796	6601039	42.545	31.885 #
26)	L6 AR-1254-1	5.860	5.012	42388586	46216401	208.746	149.252 #
27)	L6 AR-1254-2	6.101	5.175	45995629	43520684	149.725	162.082
28)	L6 AR-1254-3	6.495	5.608	21936378	22649663	69.855	53.408
29)	L6 AR-1254-4	6.809	5.857	13667196	11450012	63.308	43.345 #
30)	L6 AR-1254-5	7.269	6.309	123.5E6	154.0E6	528.396	407.672
31)	L7 AR-1260-1	6.678	5.749	92442806	107.2E6	386.744	366.763
32)	L7 AR-1260-2	6.964	5.957	104.5E6	127.7E6	381.963	364.028
33)	L7 AR-1260-3	7.357	6.119	66077547	126.3E6	332.523	374.866
34)	L7 AR-1260-4	7.602	6.634	81580943	82962400	369.276	308.760
35)	L7 AR-1260-5	7.944	6.902	141.1E6	215.7E6	339.835	342.320
36)	L8 AR-1262-1	7.357	6.355	66077547	88982682	229.690	229.256
37)	L8 AR-1262-2	7.944	6.902	141.1E6	215.7E6	304.162	310.349
38)	L8 AR-1262-3	8.264	7.214	90449618	53539079	293.069	215.413 #
39)	L8 AR-1262-4	8.346	7.279	20057271	140.7E6	86.975	278.870 #
40)	L8 AR-1262-5	8.995	7.826	33206035	40936098	210.951	181.045
41)	L9 AR-1268-1	8.264	7.214	90449618	53539079	170.679	74.548 #

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 Acq On : 24 Nov 2023 16:09
 Operator : AJ\MA
 Sample : 05456-07MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

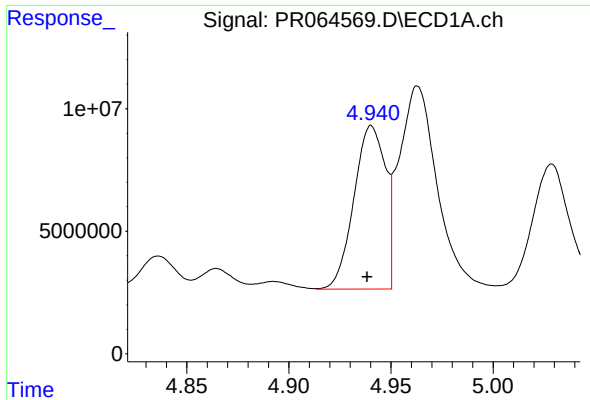
Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 24 21:44:28 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	7.279	20057271	140.7E6	42.828	196.373 #
43) L9	AR-1268-3	8.570	7.509	2934096	3569114	7.158	5.836
44) L9	AR-1268-4	8.995	7.826	33206035	40936098	195.427	163.214
45) L9	AR-1268-5	9.397	8.127	10769380	12591205	8.326	6.920

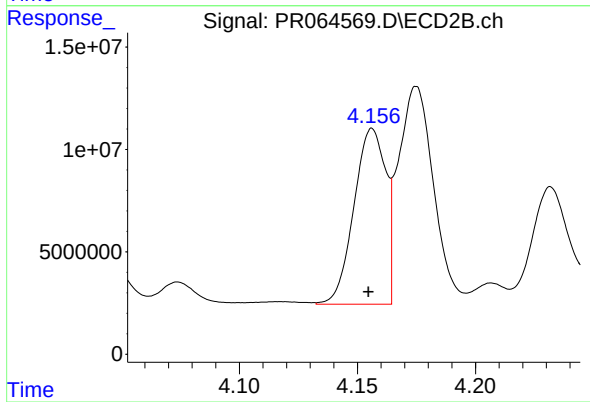
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

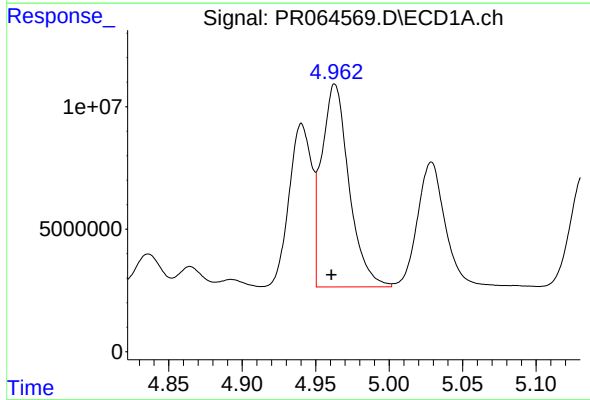
R.T.: 4.940 min
Delta R.T.: 0.002 min
Response: 71650486
Conc: 393.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



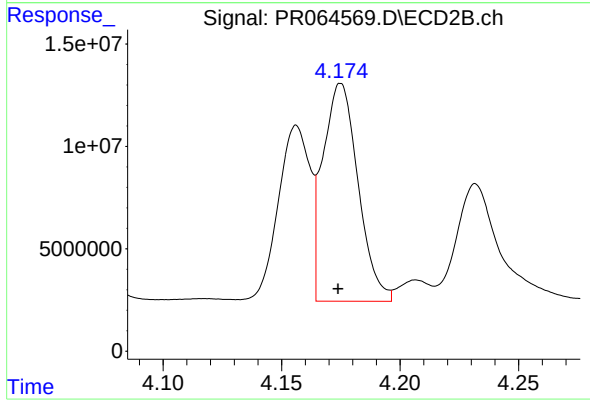
#3 AR-1016-1

R.T.: 4.156 min
Delta R.T.: 0.002 min
Response: 80254311
Conc: 420.55 ng/ml



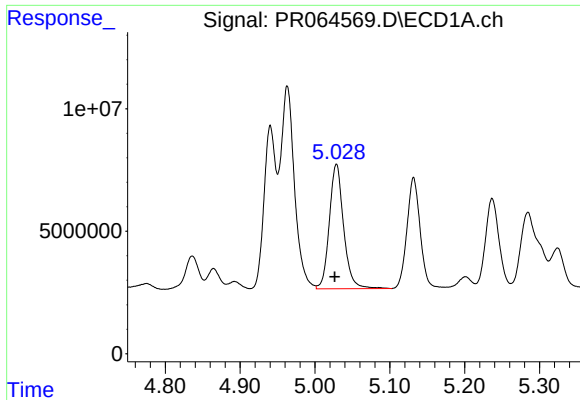
#4 AR-1016-2

R.T.: 4.963 min
Delta R.T.: 0.002 min
Response: 107461594
Conc: 400.84 ng/ml



#4 AR-1016-2

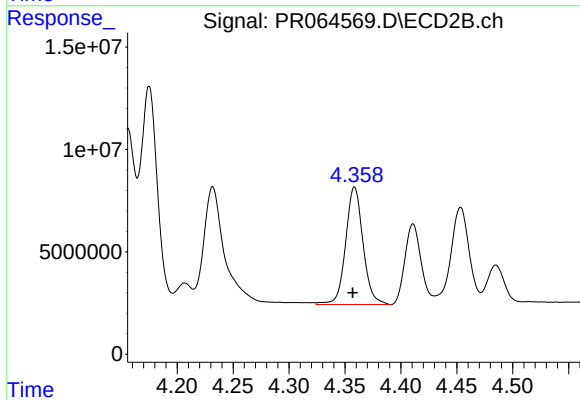
R.T.: 4.175 min
Delta R.T.: 0.001 min
Response: 110142942
Conc: 415.25 ng/ml



#5 AR-1016-3

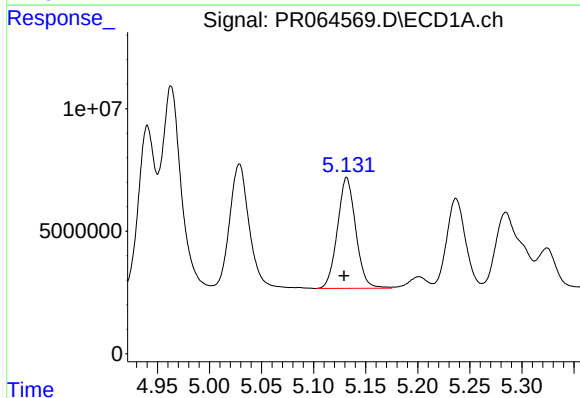
R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 67523018
Conc: 404.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



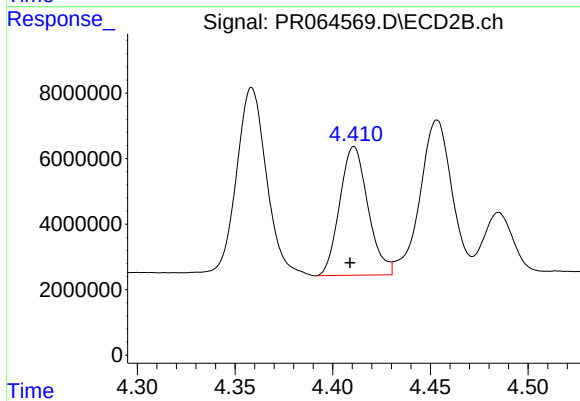
#5 AR-1016-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 62358650
Conc: 436.99 ng/ml



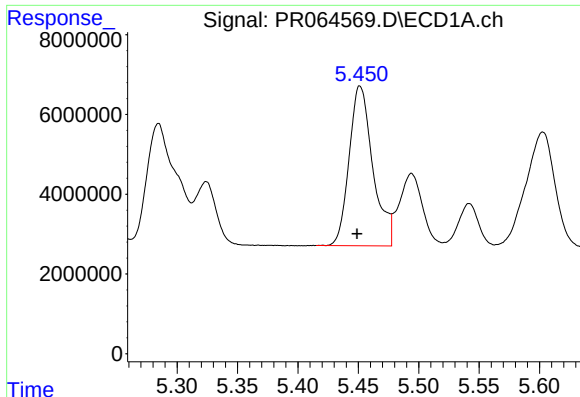
#6 AR-1016-4

R.T.: 5.132 min
Delta R.T.: 0.003 min
Response: 55322944
Conc: 405.33 ng/ml



#6 AR-1016-4

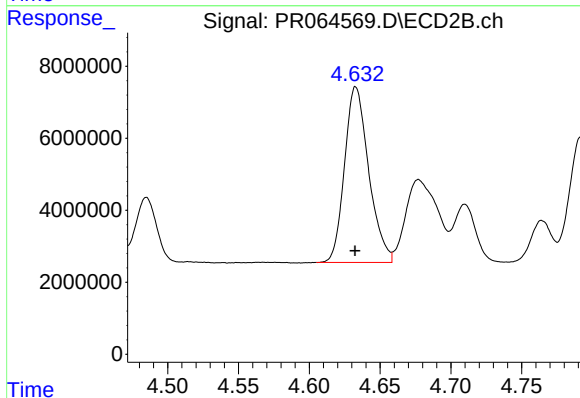
R.T.: 4.411 min
Delta R.T.: 0.002 min
Response: 39637265
Conc: 370.93 ng/ml



#7 AR-1016-5

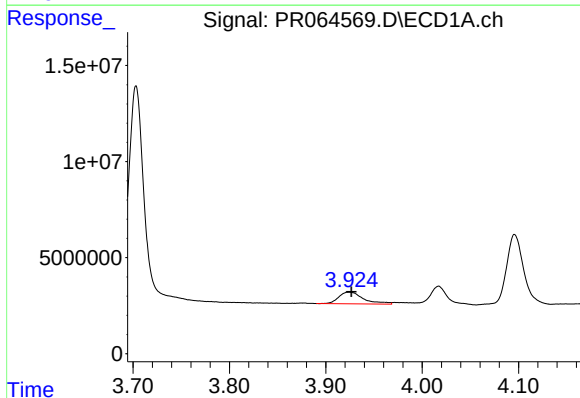
R.T.: 5.451 min
Delta R.T.: 0.003 min
Response: 54738532
Conc: 413.29 ng/ml

Instrument :
ECD_R
ClientSampleId :



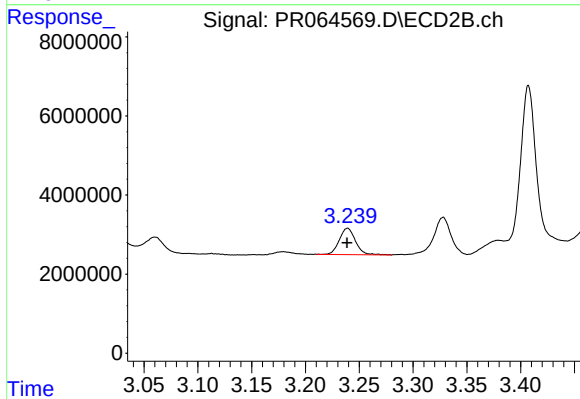
#7 AR-1016-5

R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 57977658
Conc: 403.69 ng/ml



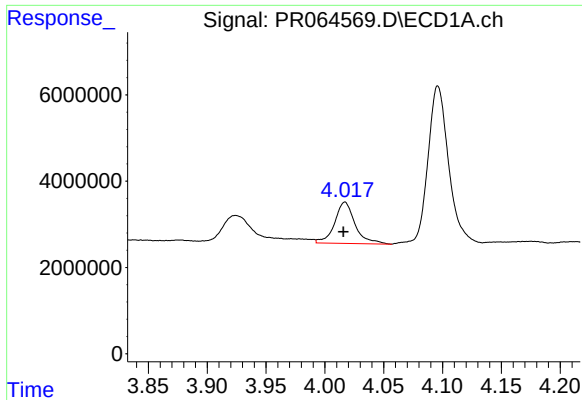
#8 AR-1221-1

R.T.: 3.924 min
Delta R.T.: -0.002 min
Response: 10761544
Conc: 155.09 ng/ml



#8 AR-1221-1

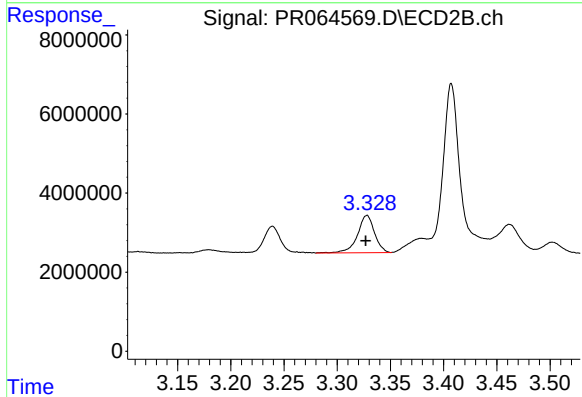
R.T.: 3.239 min
Delta R.T.: 0.000 min
Response: 6957795
Conc: 108.33 ng/ml



#9 AR-1221-2

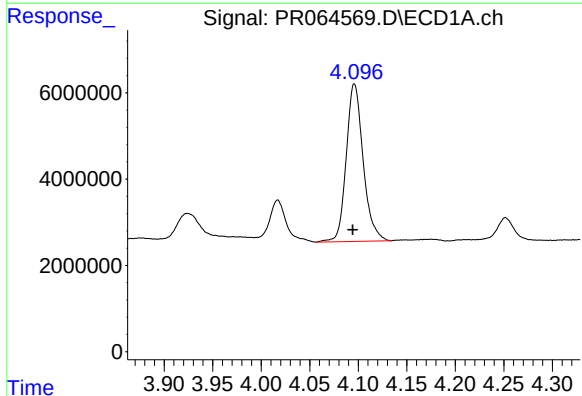
R.T.: 4.017 min
Delta R.T.: 0.001 min
Response: 11601478
Conc: 245.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



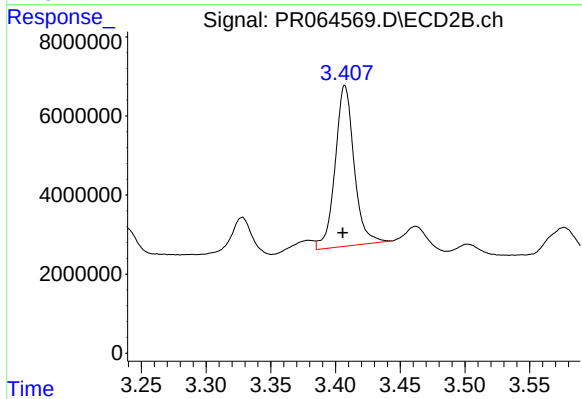
#9 AR-1221-2

R.T.: 3.328 min
Delta R.T.: 0.000 min
Response: 10503655
Conc: 236.90 ng/ml



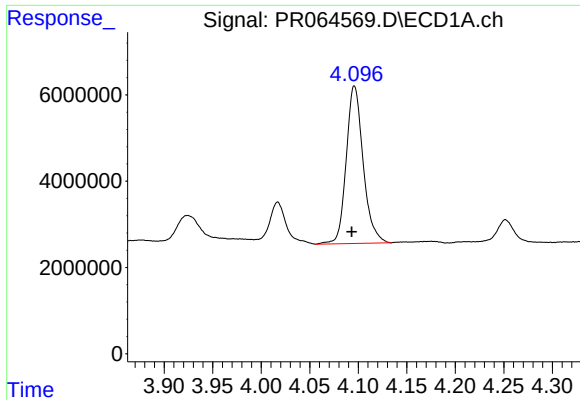
#10 AR-1221-3

R.T.: 4.096 min
Delta R.T.: 0.002 min
Response: 44361861
Conc: 284.24 ng/ml



#10 AR-1221-3

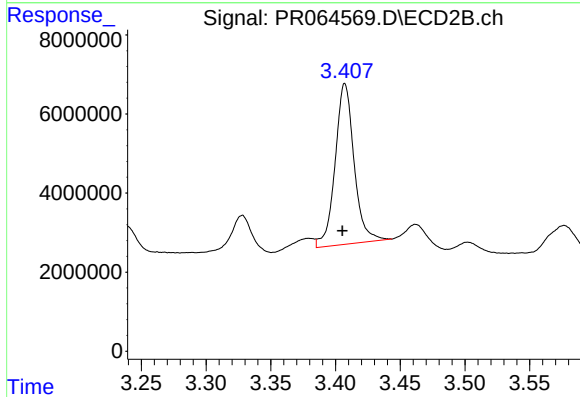
R.T.: 3.407 min
Delta R.T.: 0.002 min
Response: 41480787
Conc: 271.30 ng/ml



#11 AR-1232-1

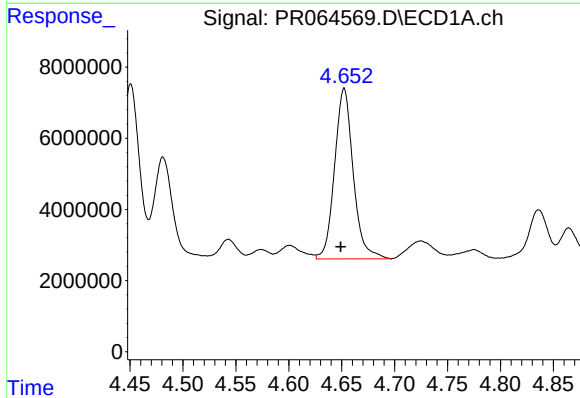
R.T.: 4.096 min
Delta R.T.: 0.003 min
Response: 44361861
Conc: 345.64 ng/ml

Instrument :
ECD_R
ClientSampleId :



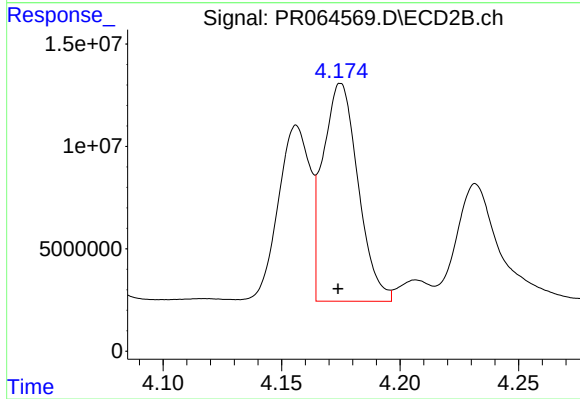
#11 AR-1232-1

R.T.: 3.407 min
Delta R.T.: 0.002 min
Response: 41480787
Conc: 329.07 ng/ml



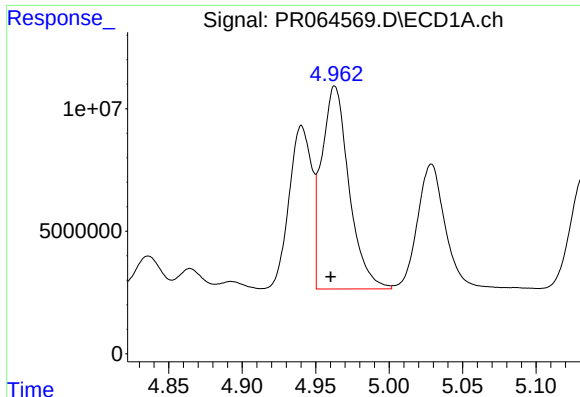
#12 AR-1232-2

R.T.: 4.652 min
Delta R.T.: 0.003 min
Response: 58903126
Conc: 922.49 ng/ml



#12 AR-1232-2

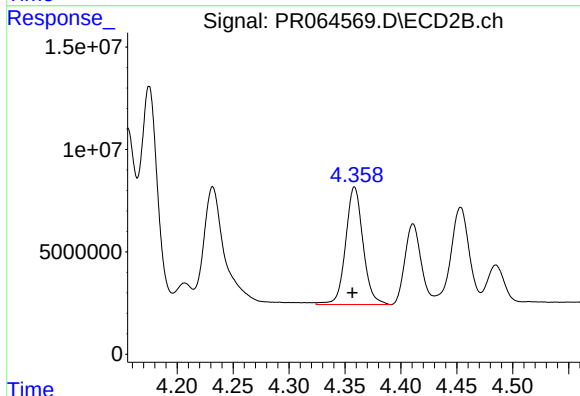
R.T.: 4.175 min
Delta R.T.: 0.001 min
Response: 110142942
Conc: 906.78 ng/ml



#13 AR-1232-3

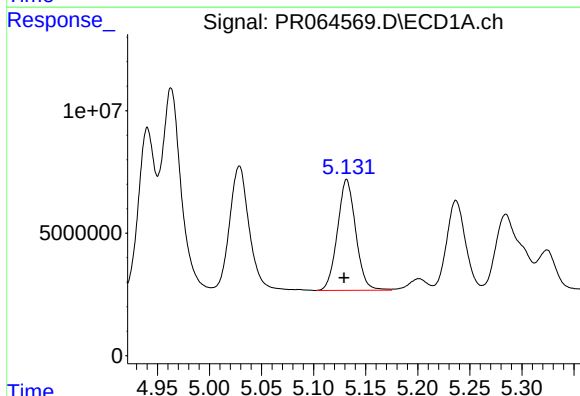
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 107461594
Conc: 901.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



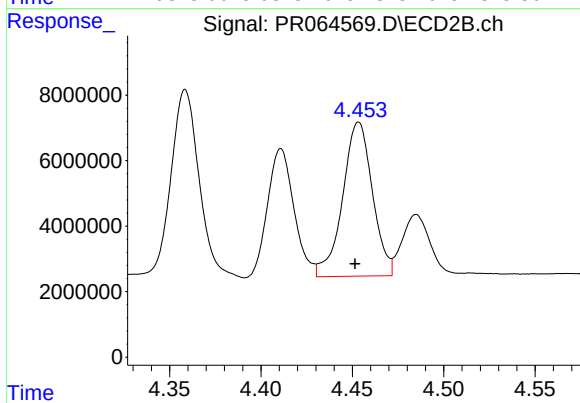
#13 AR-1232-3

R.T.: 4.359 min
Delta R.T.: 0.002 min
Response: 62358650
Conc: 976.53 ng/ml



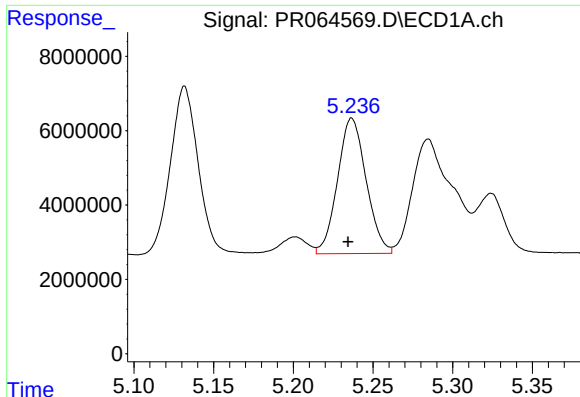
#14 AR-1232-4

R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 55322944
Conc: 935.58 ng/ml



#14 AR-1232-4

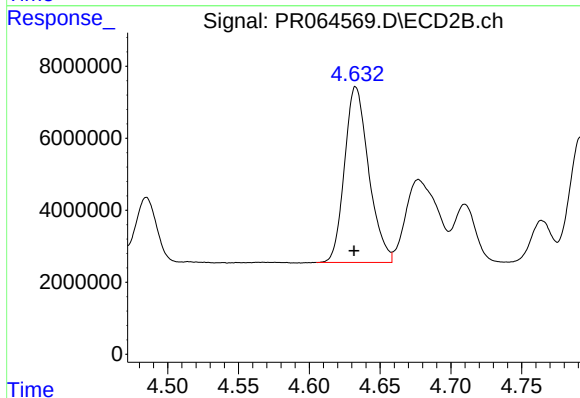
R.T.: 4.453 min
Delta R.T.: 0.002 min
Response: 53412810
Conc: 930.34 ng/ml



#15 AR-1232-5

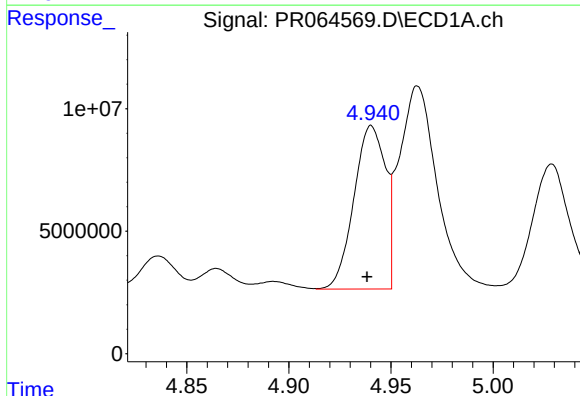
R.T.: 5.237 min
Delta R.T.: 0.002 min
Response: 45542179
Conc: 1030.71 ng/ml

Instrument :
ECD_R
ClientSampleId :



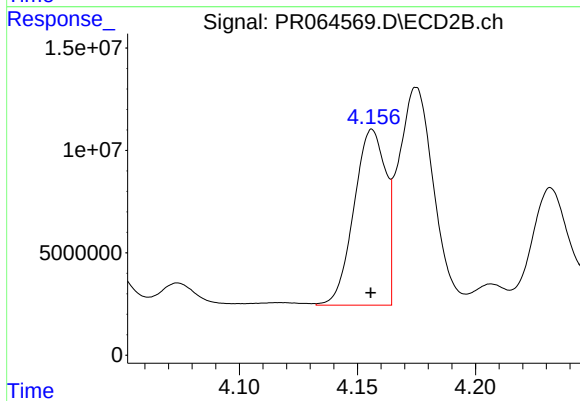
#15 AR-1232-5

R.T.: 4.633 min
Delta R.T.: 0.001 min
Response: 57977658
Conc: 928.63 ng/ml



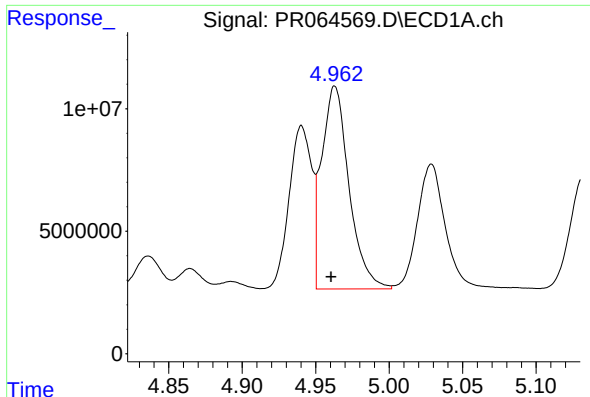
#16 AR-1242-1

R.T.: 4.940 min
Delta R.T.: 0.002 min
Response: 71650486
Conc: 467.52 ng/ml



#16 AR-1242-1

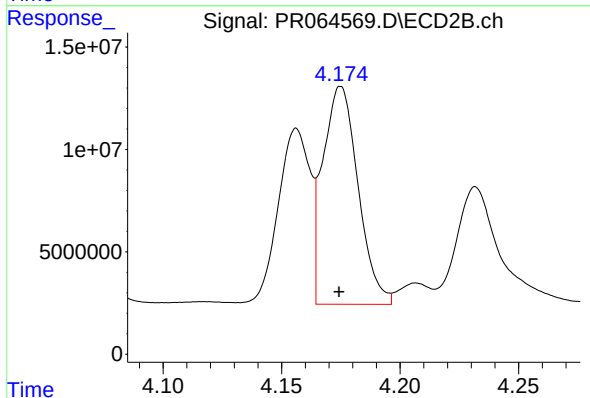
R.T.: 4.156 min
Delta R.T.: 0.000 min
Response: 80254311
Conc: 493.82 ng/ml



#17 AR-1242-2

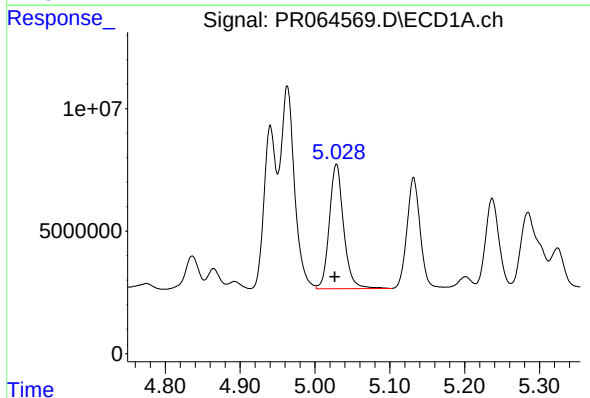
R.T.: 4.963 min
Delta R.T.: 0.003 min
Response: 107461594
Conc: 479.22 ng/ml

Instrument :
ECD_R
ClientSampleId :



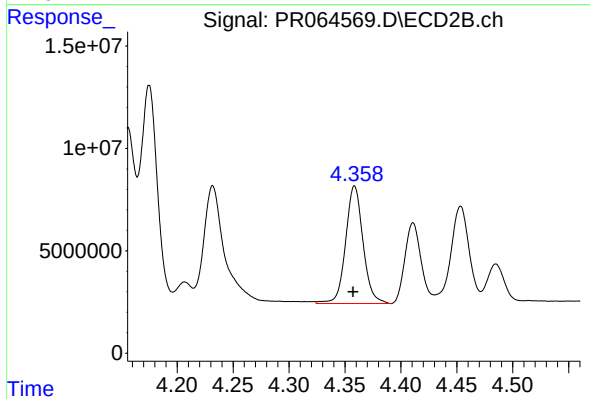
#17 AR-1242-2

R.T.: 4.175 min
Delta R.T.: 0.000 min
Response: 110142942
Conc: 493.56 ng/ml



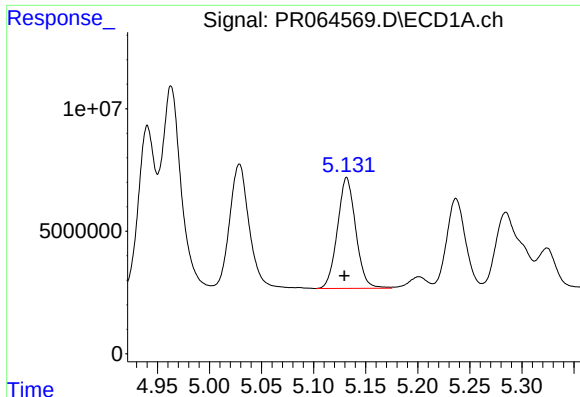
#18 AR-1242-3

R.T.: 5.029 min
Delta R.T.: 0.002 min
Response: 67523018
Conc: 479.64 ng/ml



#18 AR-1242-3

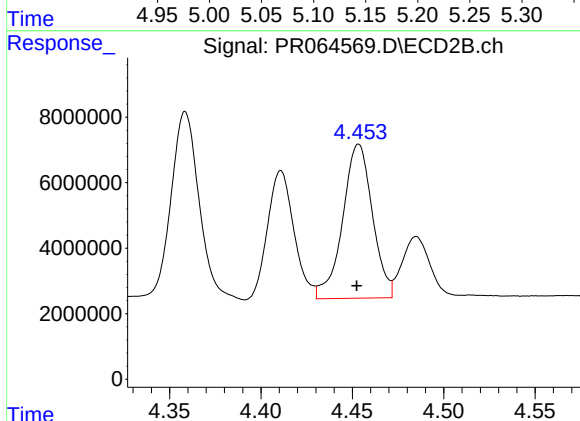
R.T.: 4.359 min
Delta R.T.: 0.001 min
Response: 62358650
Conc: 519.45 ng/ml



#19 AR-1242-4

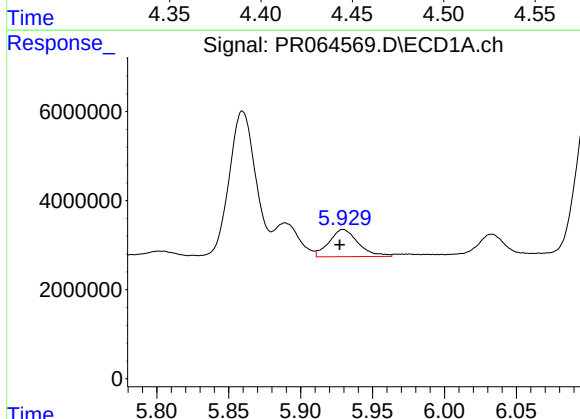
R.T.: 5.132 min
Delta R.T.: 0.002 min
Response: 55322944
Conc: 481.35 ng/ml

Instrument :
ECD_R
ClientSampleId :



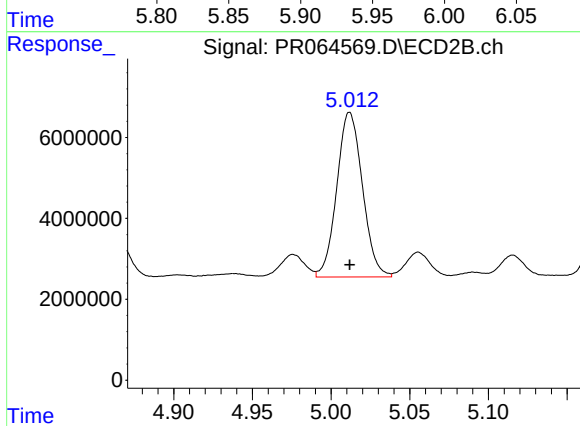
#19 AR-1242-4

R.T.: 4.453 min
Delta R.T.: 0.001 min
Response: 53412810
Conc: 466.49 ng/ml



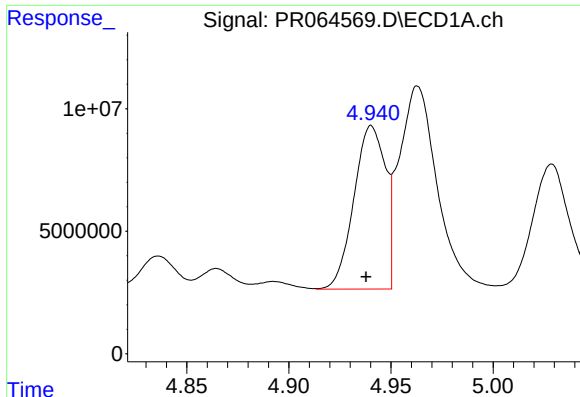
#20 AR-1242-5

R.T.: 5.930 min
Delta R.T.: 0.002 min
Response: 8612796
Conc: 74.74 ng/ml



#20 AR-1242-5

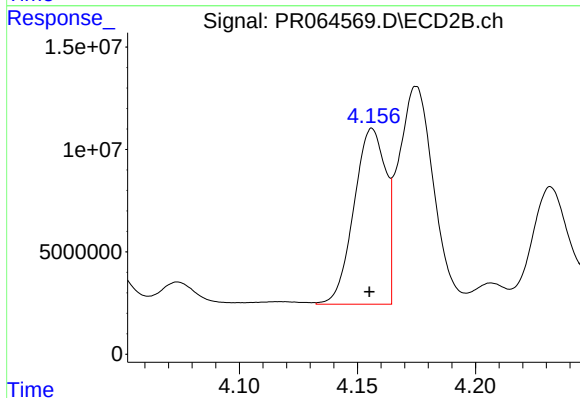
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 46216401
Conc: 311.77 ng/ml



#21 AR-1248-1

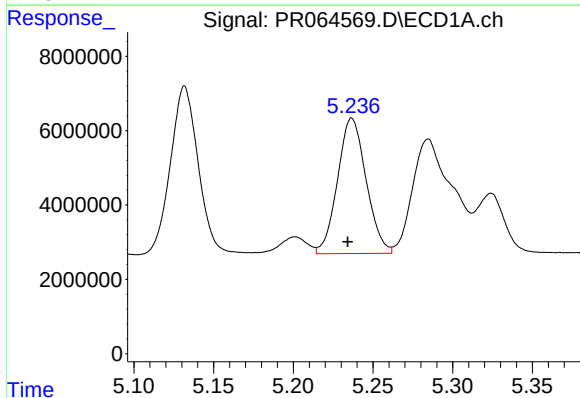
R.T.: 4.940 min
Delta R.T.: 0.003 min
Response: 71650486
Conc: 606.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



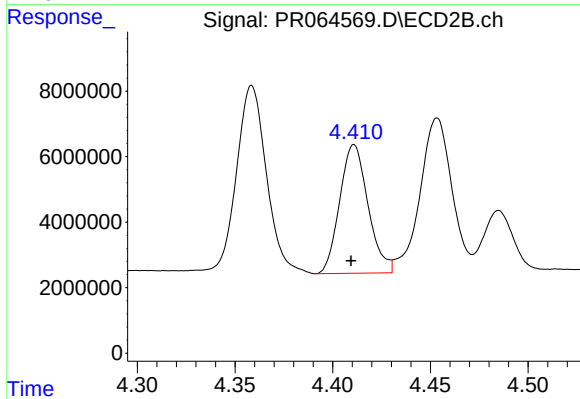
#21 AR-1248-1

R.T.: 4.156 min
Delta R.T.: 0.001 min
Response: 80254311
Conc: 649.90 ng/ml



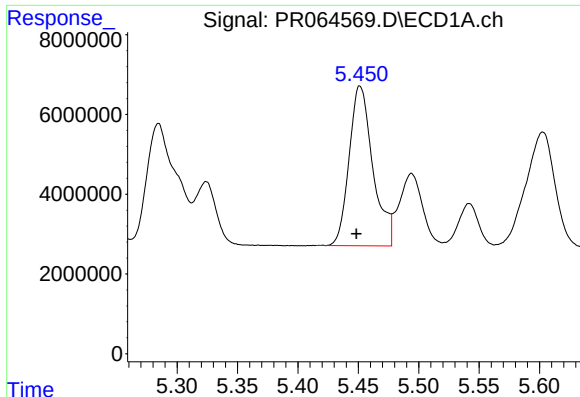
#22 AR-1248-2

R.T.: 5.237 min
Delta R.T.: 0.003 min
Response: 45542179
Conc: 278.87 ng/ml



#22 AR-1248-2

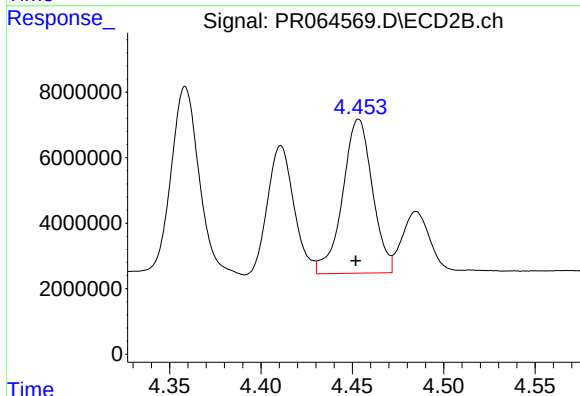
R.T.: 4.411 min
Delta R.T.: 0.002 min
Response: 39637265
Conc: 242.05 ng/ml



#23 AR-1248-3

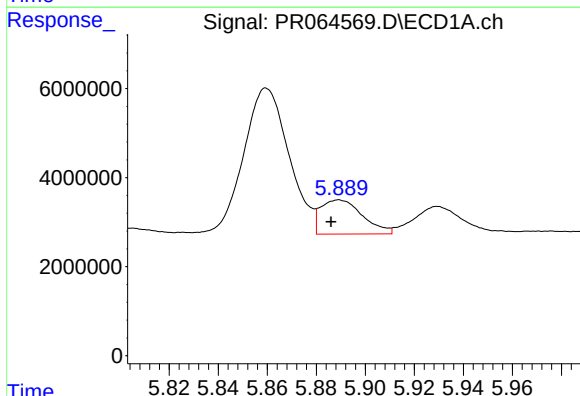
R.T.: 5.451 min
Delta R.T.: 0.003 min
Response: 54738532
Conc: 290.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



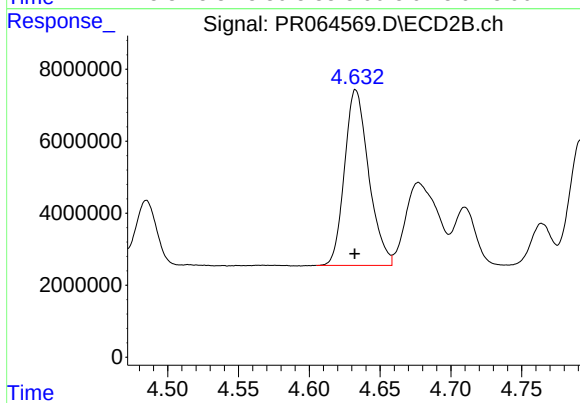
#23 AR-1248-3

R.T.: 4.453 min
Delta R.T.: 0.002 min
Response: 53412810
Conc: 311.00 ng/ml



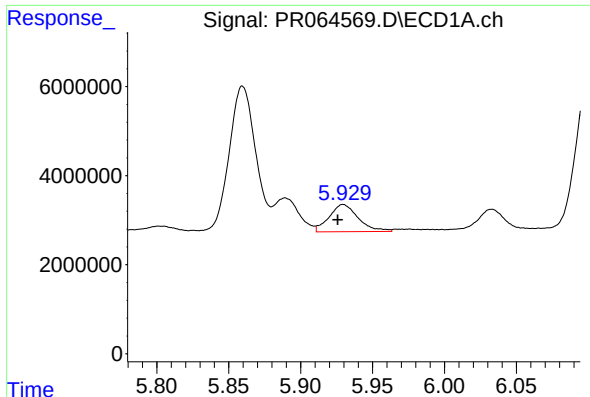
#24 AR-1248-4

R.T.: 5.889 min
Delta R.T.: 0.003 min
Response: 9133474
Conc: 44.68 ng/ml



#24 AR-1248-4

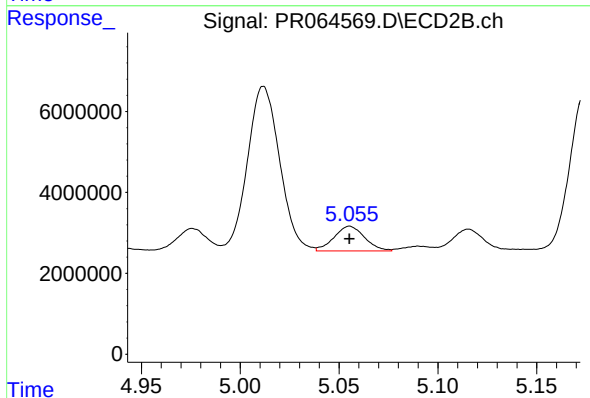
R.T.: 4.633 min
Delta R.T.: 0.000 min
Response: 57977658
Conc: 279.08 ng/ml



#25 AR-1248-5

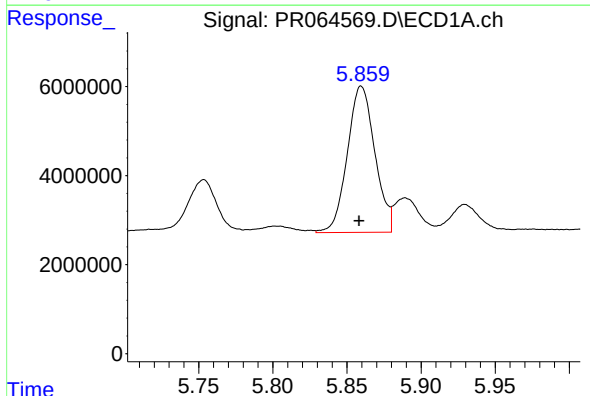
R.T.: 5.930 min
Delta R.T.: 0.004 min
Response: 8612796
Conc: 42.55 ng/ml

Instrument :
ECD_R
ClientSampleId :



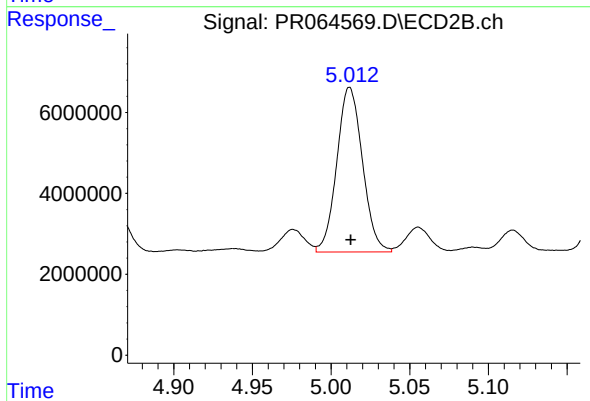
#25 AR-1248-5

R.T.: 5.055 min
Delta R.T.: 0.000 min
Response: 6601039
Conc: 31.88 ng/ml



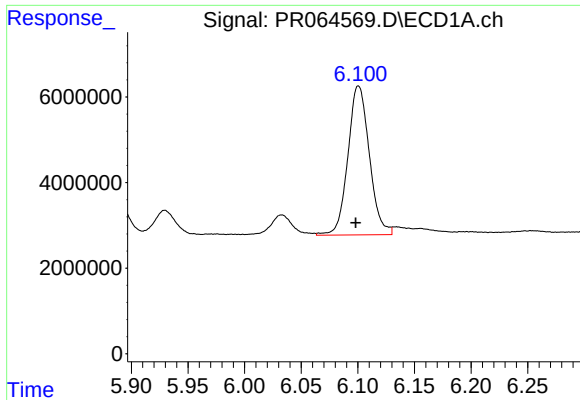
#26 AR-1254-1

R.T.: 5.860 min
Delta R.T.: 0.001 min
Response: 42388586
Conc: 208.75 ng/ml



#26 AR-1254-1

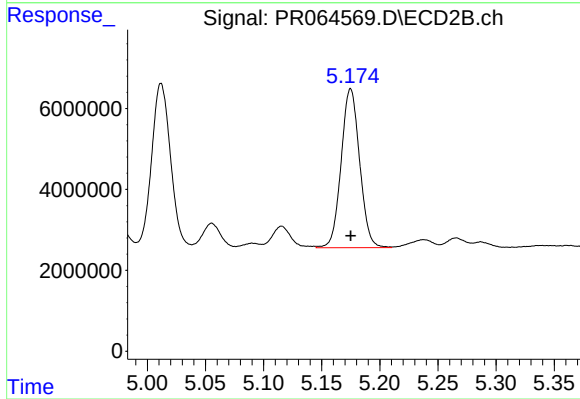
R.T.: 5.012 min
Delta R.T.: 0.000 min
Response: 46216401
Conc: 149.25 ng/ml



#27 AR-1254-2

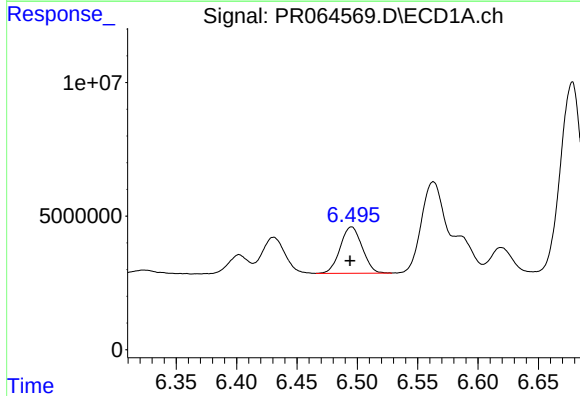
R.T.: 6.101 min
Delta R.T.: 0.003 min
Response: 45995629
Conc: 149.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



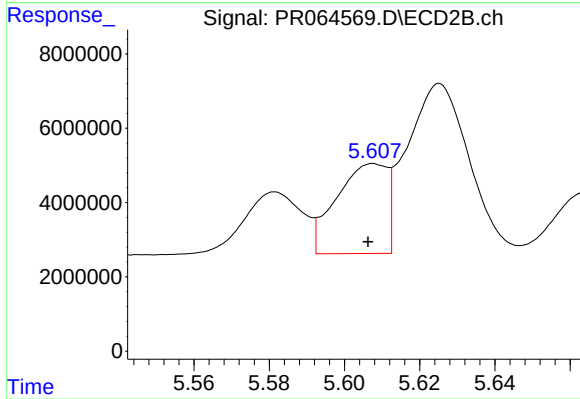
#27 AR-1254-2

R.T.: 5.175 min
Delta R.T.: 0.000 min
Response: 43520684
Conc: 162.08 ng/ml



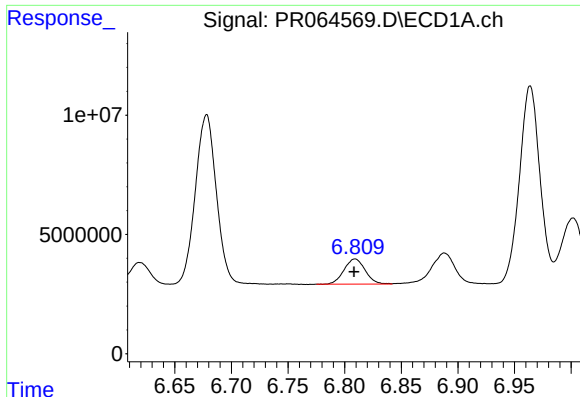
#28 AR-1254-3

R.T.: 6.495 min
Delta R.T.: 0.001 min
Response: 21936378
Conc: 69.85 ng/ml



#28 AR-1254-3

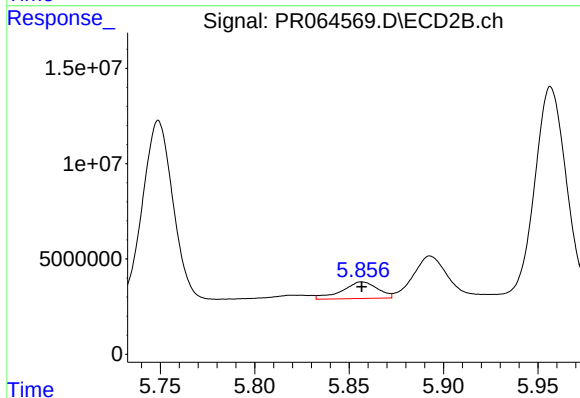
R.T.: 5.608 min
Delta R.T.: 0.002 min
Response: 22649663
Conc: 53.41 ng/ml



#29 AR-1254-4

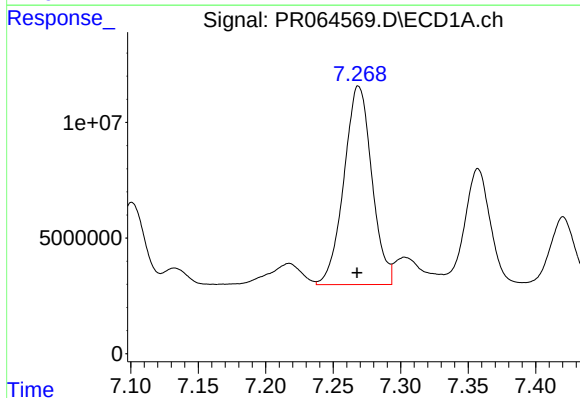
R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 13667196
Conc: 63.31 ng/ml

Instrument :
ECD_R
ClientSampleId :



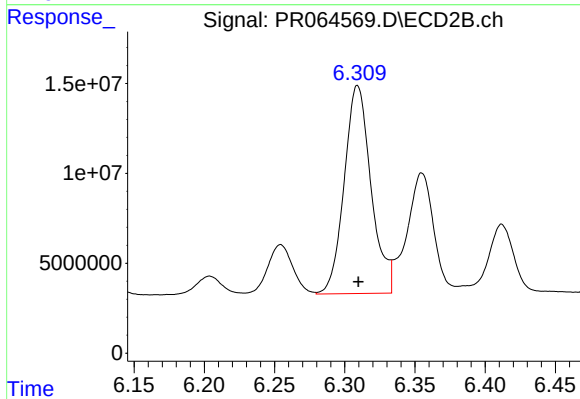
#29 AR-1254-4

R.T.: 5.857 min
Delta R.T.: 0.000 min
Response: 11450012
Conc: 43.34 ng/ml



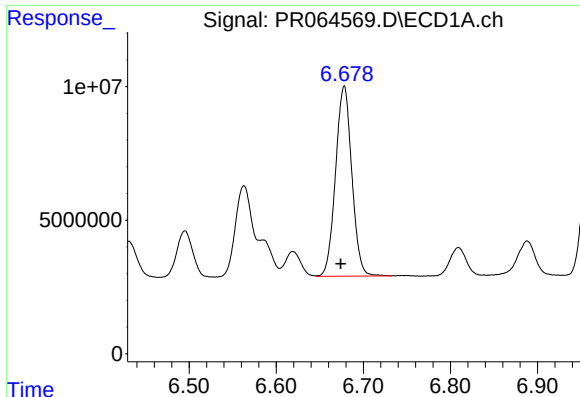
#30 AR-1254-5

R.T.: 7.269 min
Delta R.T.: 0.001 min
Response: 123482915
Conc: 528.40 ng/ml



#30 AR-1254-5

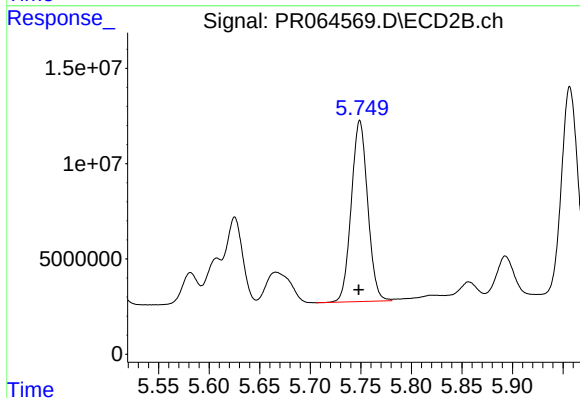
R.T.: 6.309 min
Delta R.T.: 0.000 min
Response: 153963006
Conc: 407.67 ng/ml



#31 AR-1260-1

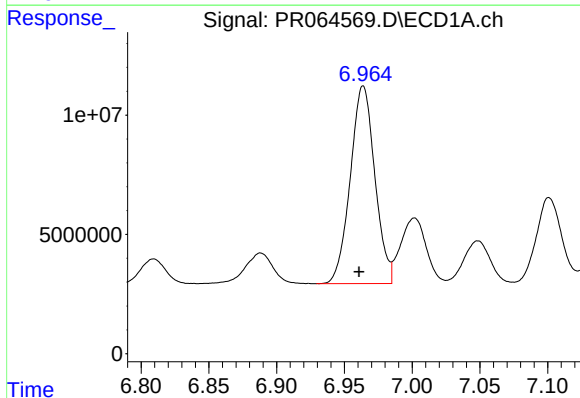
R.T.: 6.678 min
Delta R.T.: 0.004 min
Response: 92442806
Conc: 386.74 ng/ml

Instrument :
ECD_R
ClientSampleId :



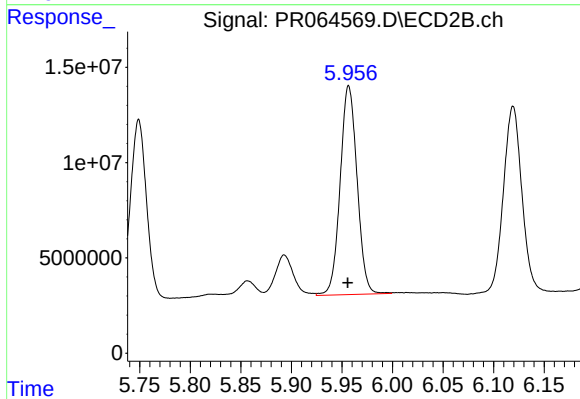
#31 AR-1260-1

R.T.: 5.749 min
Delta R.T.: 0.001 min
Response: 107211616
Conc: 366.76 ng/ml



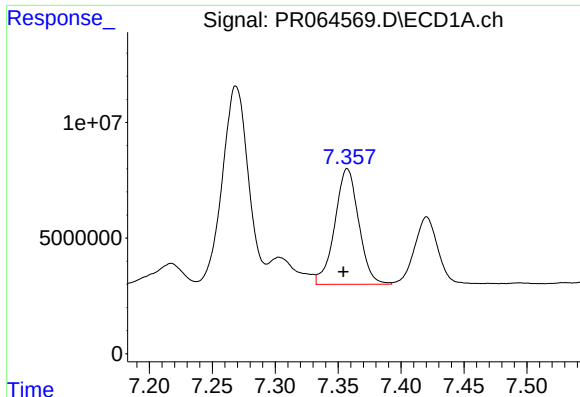
#32 AR-1260-2

R.T.: 6.964 min
Delta R.T.: 0.003 min
Response: 104470476
Conc: 381.96 ng/ml



#32 AR-1260-2

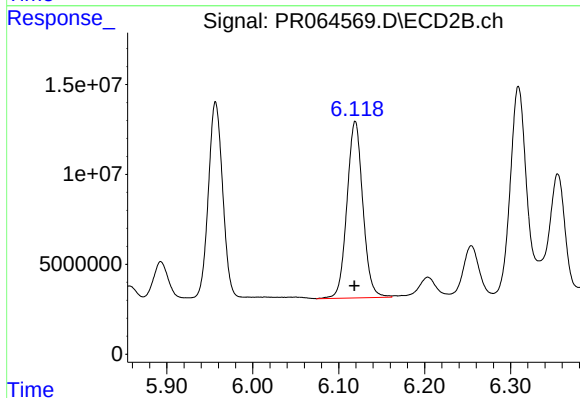
R.T.: 5.957 min
Delta R.T.: 0.000 min
Response: 127651140
Conc: 364.03 ng/ml



#33 AR-1260-3

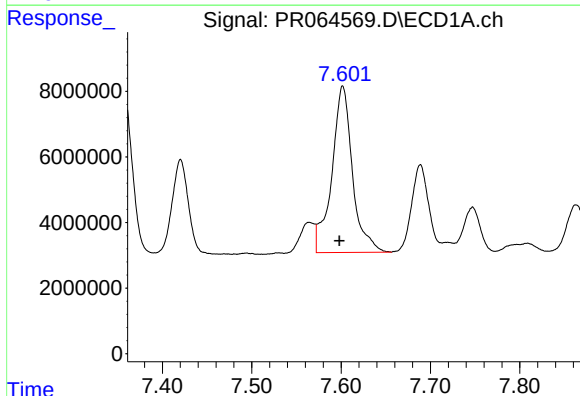
R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 66077547
Conc: 332.52 ng/ml

Instrument :
ECD_R
ClientSampleId :



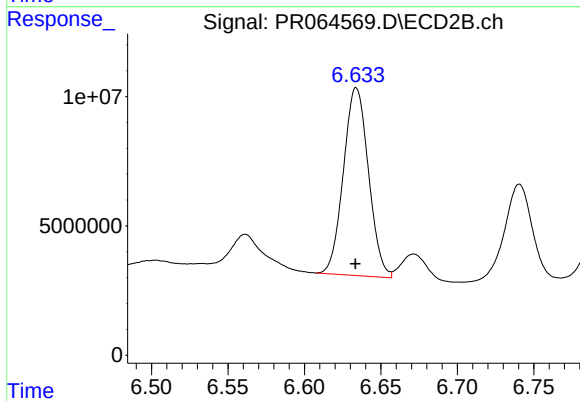
#33 AR-1260-3

R.T.: 6.119 min
Delta R.T.: 0.001 min
Response: 126270922
Conc: 374.87 ng/ml



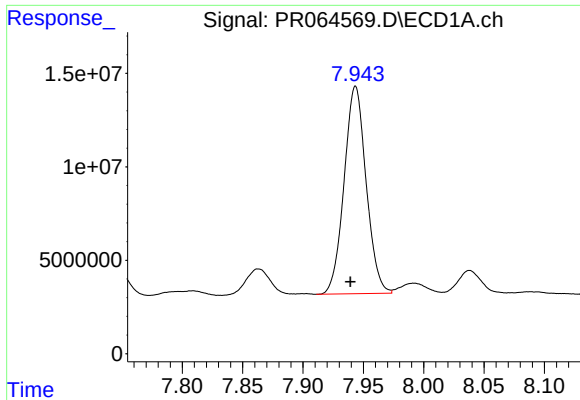
#34 AR-1260-4

R.T.: 7.602 min
Delta R.T.: 0.004 min
Response: 81580943
Conc: 369.28 ng/ml



#34 AR-1260-4

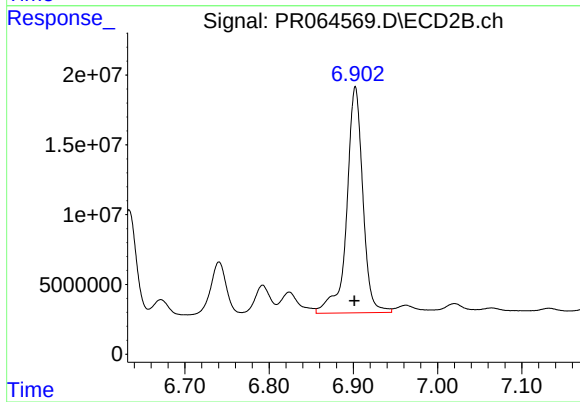
R.T.: 6.634 min
Delta R.T.: 0.000 min
Response: 82962400
Conc: 308.76 ng/ml



#35 AR-1260-5

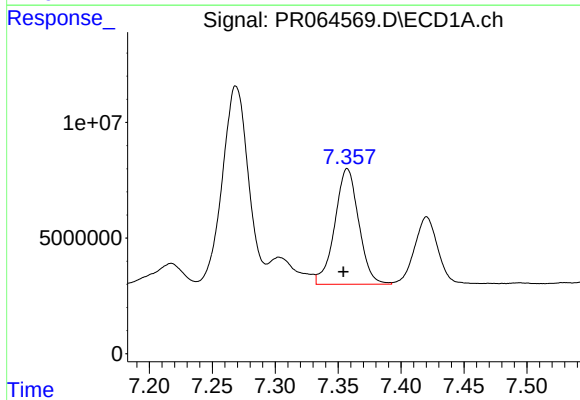
R.T.: 7.944 min
Delta R.T.: 0.004 min
Response: 141056615
Conc: 339.84 ng/ml

Instrument :
ECD_R
ClientSampleId :



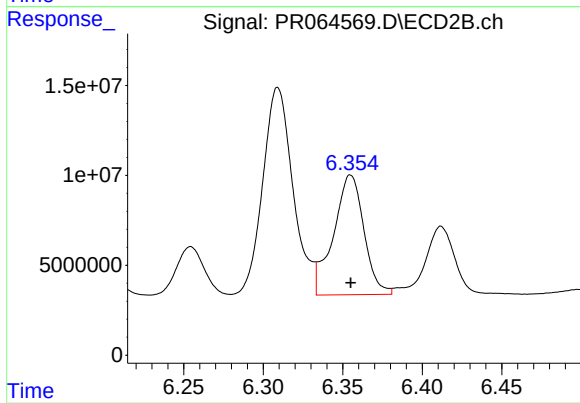
#35 AR-1260-5

R.T.: 6.902 min
Delta R.T.: 0.001 min
Response: 215687112
Conc: 342.32 ng/ml



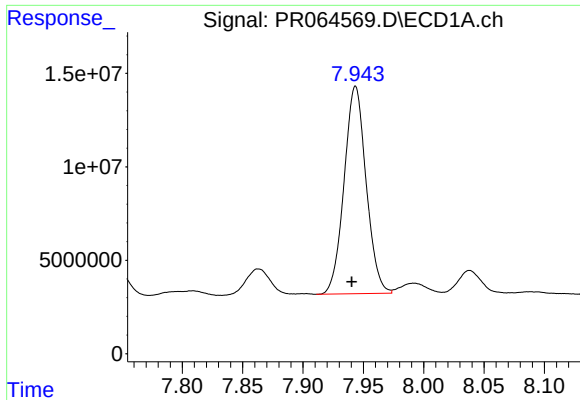
#36 AR-1262-1

R.T.: 7.357 min
Delta R.T.: 0.003 min
Response: 66077547
Conc: 229.69 ng/ml



#36 AR-1262-1

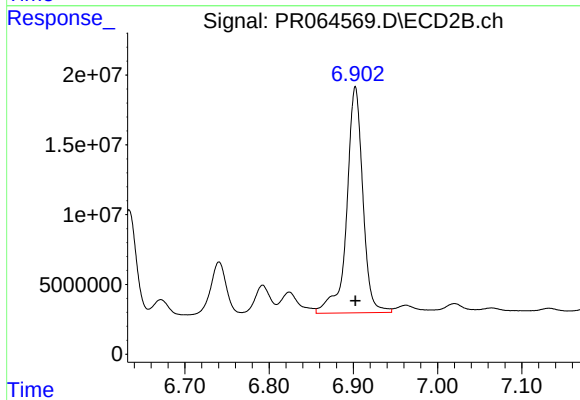
R.T.: 6.355 min
Delta R.T.: 0.000 min
Response: 88982682
Conc: 229.26 ng/ml



#37 AR-1262-2

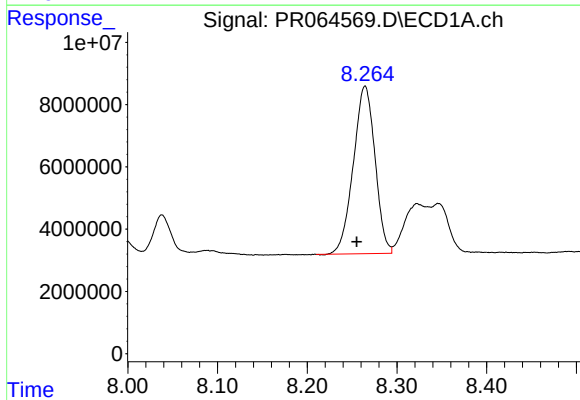
R.T.: 7.944 min
Delta R.T.: 0.003 min
Response: 141056615
Conc: 304.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



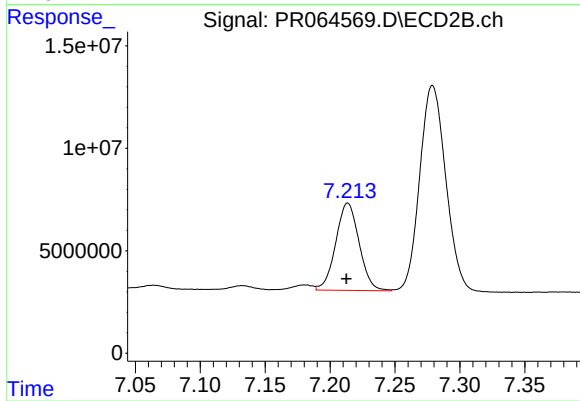
#37 AR-1262-2

R.T.: 6.902 min
Delta R.T.: 0.000 min
Response: 215687112
Conc: 310.35 ng/ml



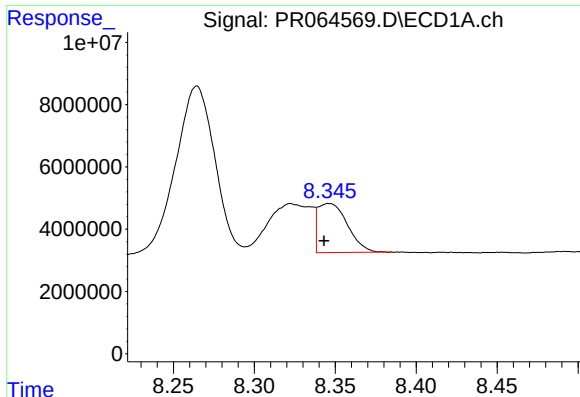
#38 AR-1262-3

R.T.: 8.264 min
Delta R.T.: 0.009 min
Response: 90449618
Conc: 293.07 ng/ml



#38 AR-1262-3

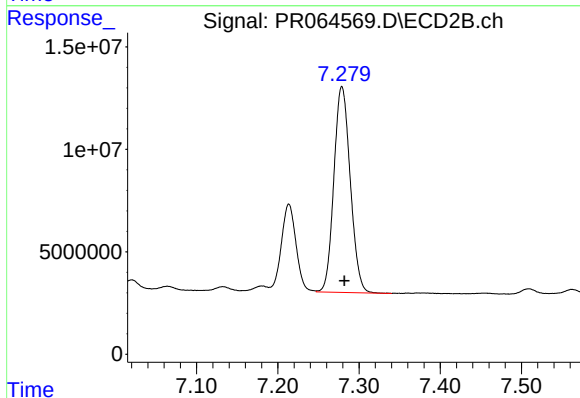
R.T.: 7.214 min
Delta R.T.: 0.001 min
Response: 53539079
Conc: 215.41 ng/ml



#39 AR-1262-4

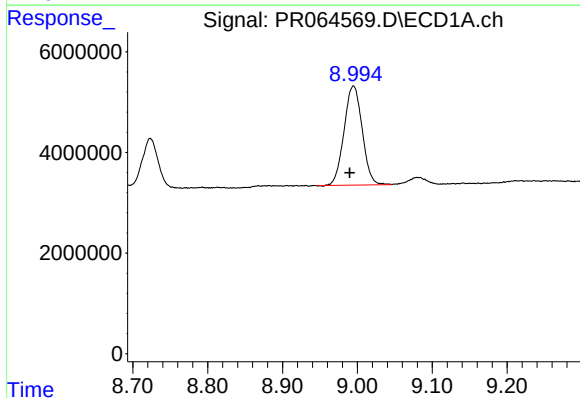
R.T.: 8.346 min
Delta R.T.: 0.003 min
Response: 20057271
Conc: 86.98 ng/ml

Instrument :
ECD_R
ClientSampleId :



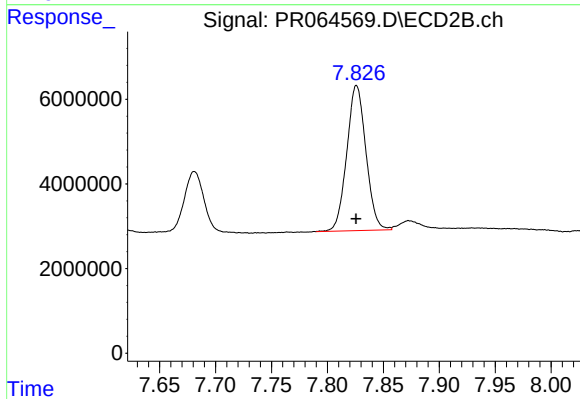
#39 AR-1262-4

R.T.: 7.279 min
Delta R.T.: -0.003 min
Response: 140743254
Conc: 278.87 ng/ml



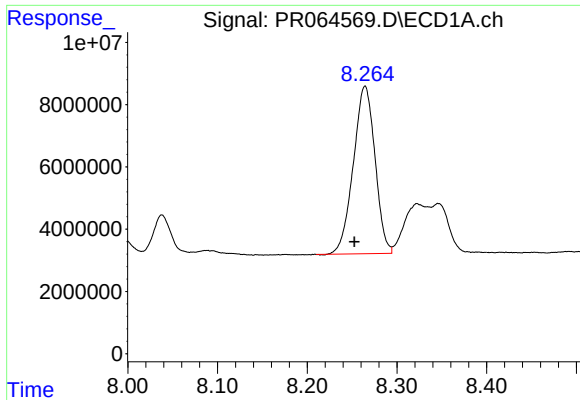
#40 AR-1262-5

R.T.: 8.995 min
Delta R.T.: 0.005 min
Response: 33206035
Conc: 210.95 ng/ml



#40 AR-1262-5

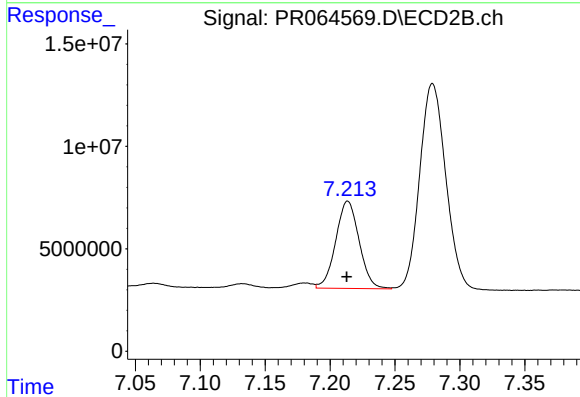
R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 40936098
Conc: 181.05 ng/ml



#41 AR-1268-1

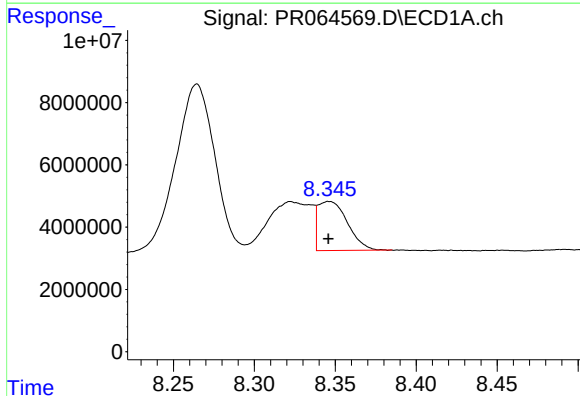
R.T.: 8.264 min
Delta R.T.: 0.012 min
Response: 90449618
Conc: 170.68 ng/ml

Instrument :
ECD_R
ClientSampleId :



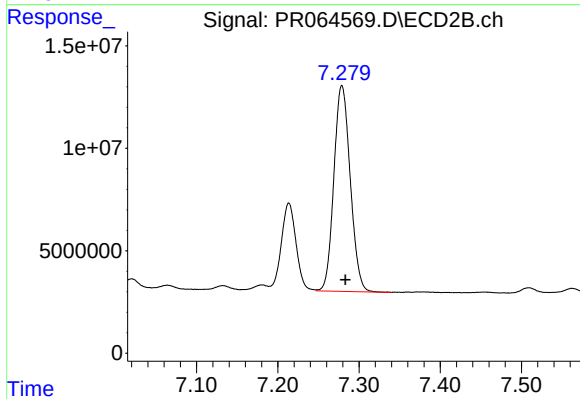
#41 AR-1268-1

R.T.: 7.214 min
Delta R.T.: 0.000 min
Response: 53539079
Conc: 74.55 ng/ml



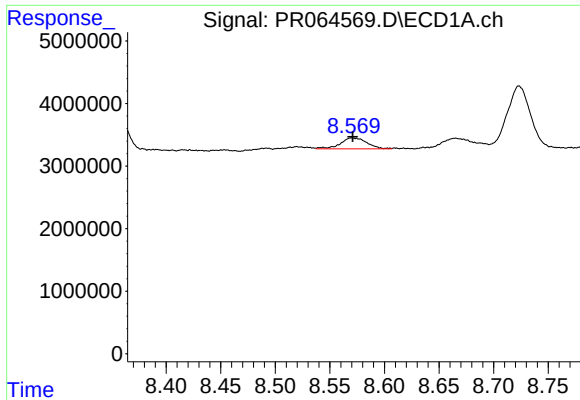
#42 AR-1268-2

R.T.: 8.346 min
Delta R.T.: 0.000 min
Response: 20057271
Conc: 42.83 ng/ml



#42 AR-1268-2

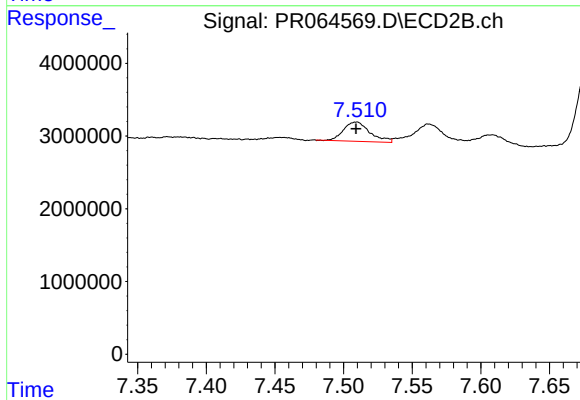
R.T.: 7.279 min
Delta R.T.: -0.004 min
Response: 140743254
Conc: 196.37 ng/ml



#43 AR-1268-3

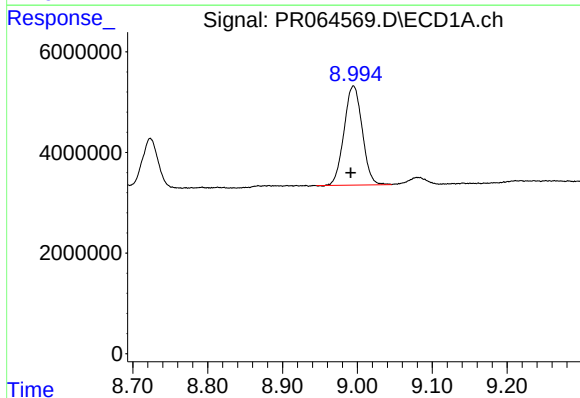
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 2934096
Conc: 7.16 ng/ml

Instrument :
ECD_R
ClientSampleId :



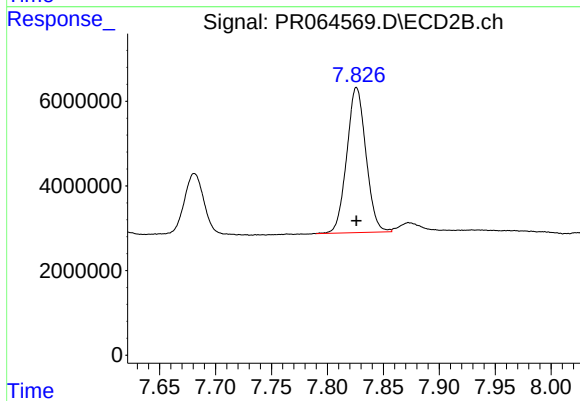
#43 AR-1268-3

R.T.: 7.509 min
Delta R.T.: 0.000 min
Response: 3569114
Conc: 5.84 ng/ml



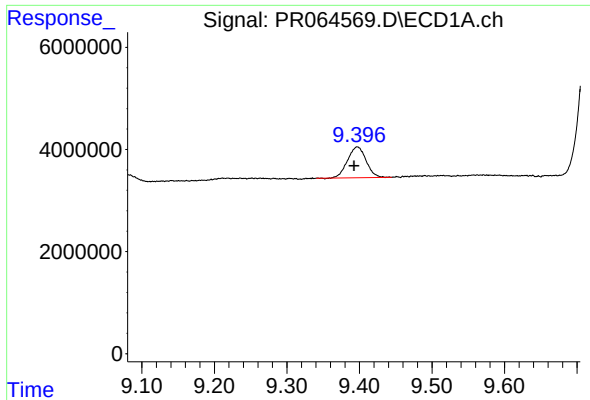
#44 AR-1268-4

R.T.: 8.995 min
Delta R.T.: 0.004 min
Response: 33206035
Conc: 195.43 ng/ml



#44 AR-1268-4

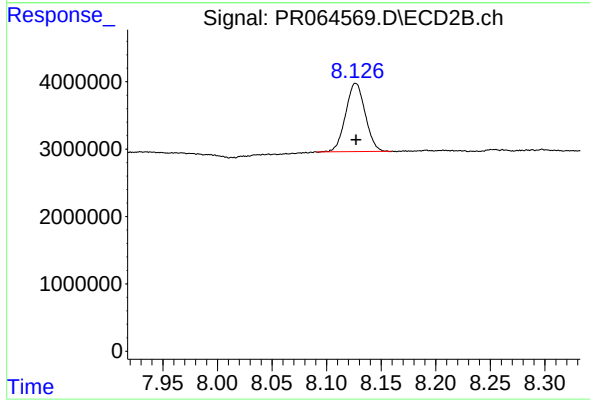
R.T.: 7.826 min
Delta R.T.: 0.000 min
Response: 40936098
Conc: 163.21 ng/ml



#45 AR-1268-5

R.T.: 9.397 min
Delta R.T.: 0.004 min
Response: 10769380
Conc: 8.33 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.127 min
Delta R.T.: 0.000 min
Response: 12591205
Conc: 6.92 ng/ml