

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052824\
 Data File : PR067072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2024 11:33
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603279

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 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...	3.651	2.892	135.1E6	101.9E6	22.023	21.879
2) SA Decachlor...	9.532	8.117	58856640	90425263	45.328	40.614
Target Compounds						
3) L1 AR-1016-1	4.869	3.999	72785884	67887694	453.789	452.228
4) L1 AR-1016-2	4.892	4.017	114.0E6	101.4E6	444.076	457.665
5) L1 AR-1016-3	4.956	4.194	73879079	56344538	429.192	457.327
6) L1 AR-1016-4	5.057	4.245	57728215	46703524	435.234	447.180
7) L1 AR-1016-5	5.371	4.460	58959546	59950251	436.857	452.641
8) L2 AR-1221-1	3.869	3.114	9366190	7514816	143.544	135.322
9) L2 AR-1221-2	3.961	3.201	11780011	9743102	252.388	243.405
10) L2 AR-1221-3	4.039	3.277	47960421	40049577	317.896	317.384
11) L3 AR-1232-1	4.039	3.277	47960421	40049577	377.993	374.222
12) L3 AR-1232-2	4.585	4.017	65209796	101.4E6	917.797	978.851
13) L3 AR-1232-3	4.892	4.194	114.0E6	56344538	997.854	1018.920
14) L3 AR-1232-4	5.057	4.285	57728215	55268730	997.511	1081.134
15) L3 AR-1232-5	5.160	4.460	48004506	59950251	1078.667	1082.378
16) L4 AR-1242-1	4.869	3.999	72785884	67887694	590.091	571.507
17) L4 AR-1242-2	4.892	4.017	114.0E6	101.4E6	580.154	571.756
18) L4 AR-1242-3	4.956	4.194	73879079	56344538	550.771	573.652
19) L4 AR-1242-4	5.057	4.285	57728215	55268730	557.998	557.987
20) L4 AR-1242-5	5.843	4.827	18026781	58107692	171.344	493.173 #
21) L5 AR-1248-1	4.869	3.999	72785884	67887694	800.960	750.760
22) L5 AR-1248-2	5.160	4.245	48004506	46703524	322.477	334.176
23) L5 AR-1248-3	5.371	4.285	58959546	55268730	345.190	395.222
24) L5 AR-1248-4	5.804	4.460	18948579	59950251	120.165	357.819 #
25) L5 AR-1248-5	5.843	4.869	18026781	14322640	101.227	92.705
26) L6 AR-1254-1	5.773	4.827	50087174	58107692	262.749	237.885
27) L6 AR-1254-2	6.011	4.985	49719876	42595651	177.142	196.770
28) L6 AR-1254-3	6.401	5.423	20222587	80521425	75.445	236.748 #
29) L6 AR-1254-4	6.710	5.650	11199652	5990130	69.521	30.525 #
30) L6 AR-1254-5	7.164	6.092	123.0E6	151.9E6	640.495	493.201
31) L7 AR-1260-1	6.580	5.544	102.5E6	117.9E6	420.164	452.664
32) L7 AR-1260-2	6.862	5.748	112.1E6	141.4E6	432.952	461.061
33) L7 AR-1260-3	7.251	5.905	83539574	133.1E6	420.431	454.013
34) L7 AR-1260-4	7.493	6.409	90464393	111.8E6	433.086	447.175
35) L7 AR-1260-5	7.830	6.674	159.0E6	244.7E6	464.539	448.195
36) L8 AR-1262-1	7.251	6.136	83539574	118.0E6	322.825	355.975
37) L8 AR-1262-2	7.830	6.674	159.0E6	244.7E6	458.460	439.598
38) L8 AR-1262-3	8.142	6.978	94050330	56158673	412.364	235.300 #
39) L8 AR-1262-4	8.219	7.044	25996937	178.0E6	144.028	417.113 #
40) L8 AR-1262-5	8.841	7.583	37011588	61322706	361.314	313.072
41) L9 AR-1268-1	8.142	6.978	94050330	56158673	226.707	84.395 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052824\
 Data File : PR067072.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 May 2024 11:33
 Operator : AJ\MA
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR16603279

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 29 02:03:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052124CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed May 22 04:28:16 2024
 Response via : Initial Calibration
 Integrator: ChemStation

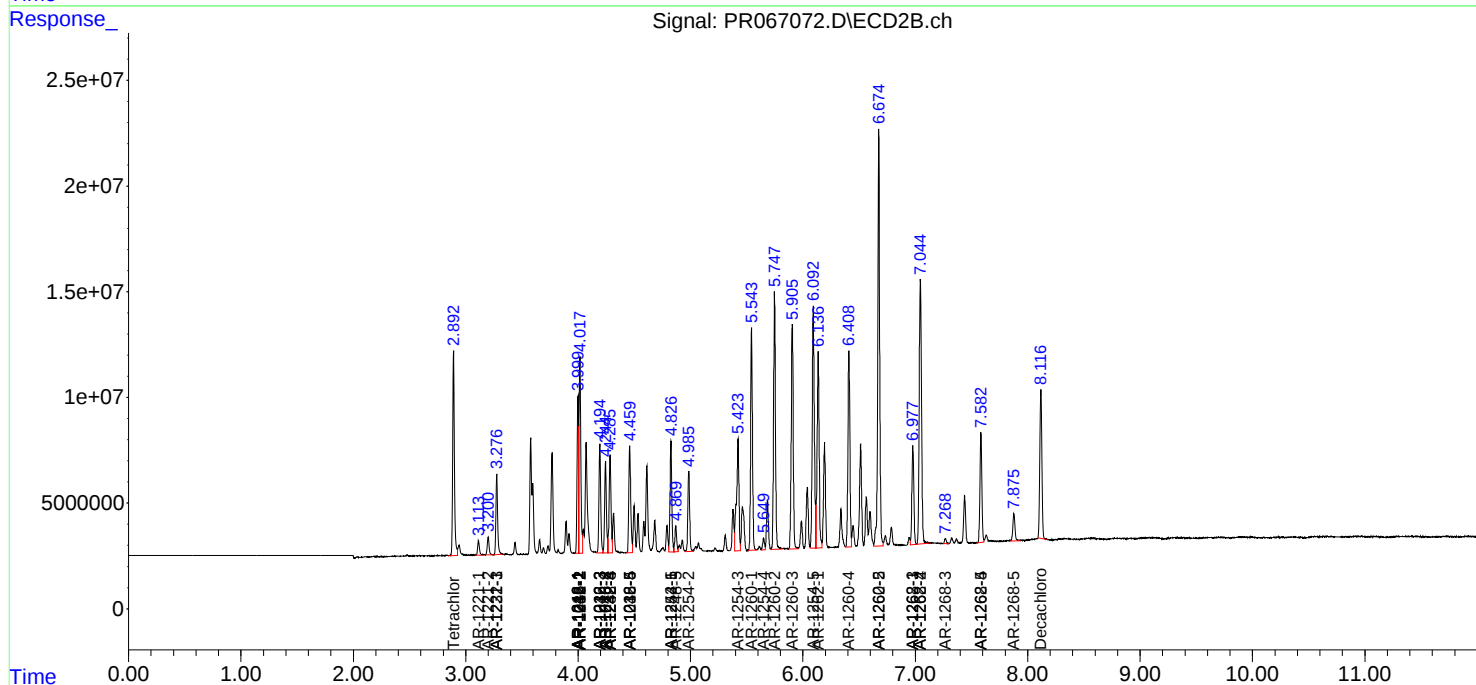
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

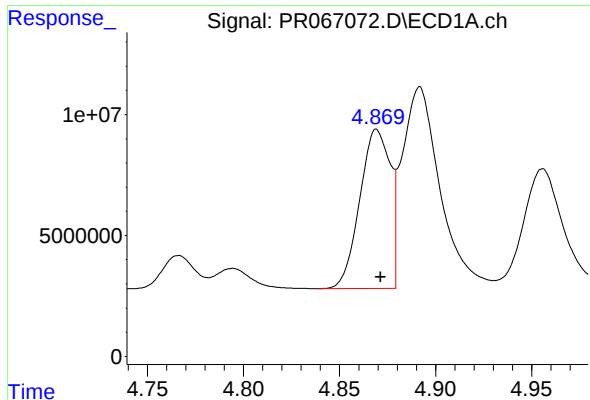
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.219	7.044	25996937	178.0E6	70.164	292.043 #
43) L9	AR-1268-3	8.438	7.267	1922924	2856967	5.911	5.342
44) L9	AR-1268-4	8.841	7.583	37011588	61322706	325.899	278.218
45) L9	AR-1268-5	9.222	7.876	10204192	17487929	12.115	11.724

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

Instrument :
ECD_R
ClientSampleId :
AR16603279

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

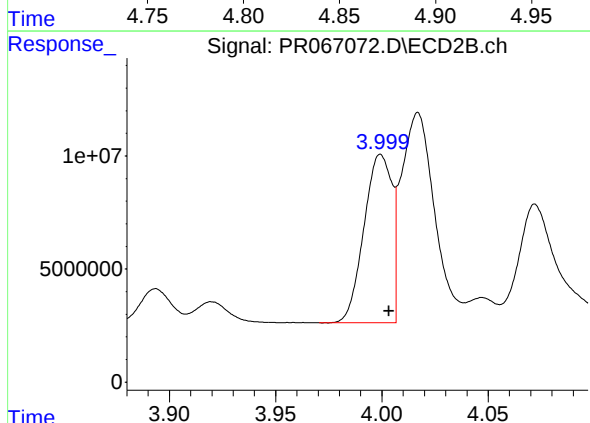




#3 AR-1016-1

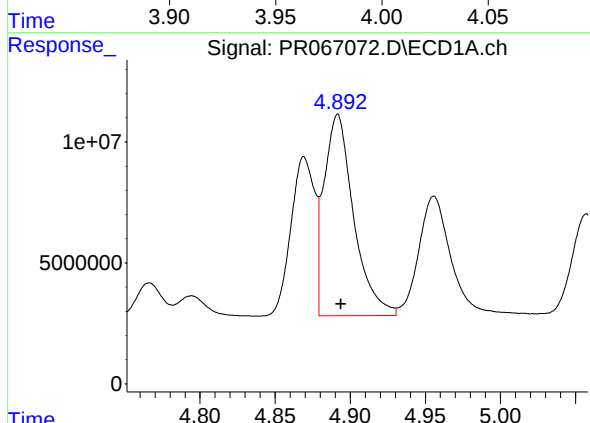
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 72785884
Conc: 453.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



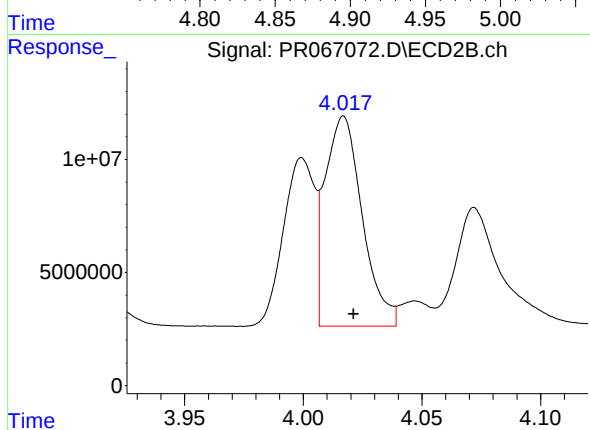
#3 AR-1016-1

R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 67887694
Conc: 452.23 ng/ml



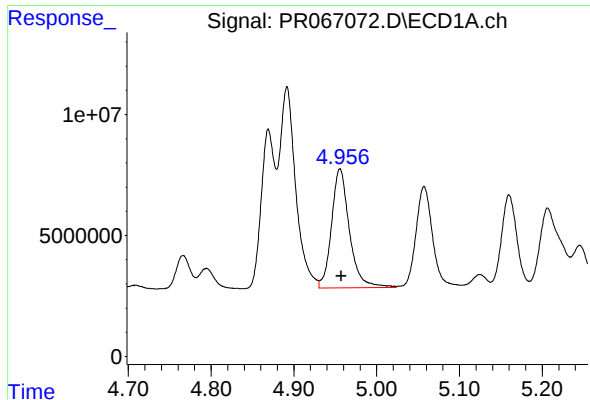
#4 AR-1016-2

R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 114016634
Conc: 444.08 ng/ml



#4 AR-1016-2

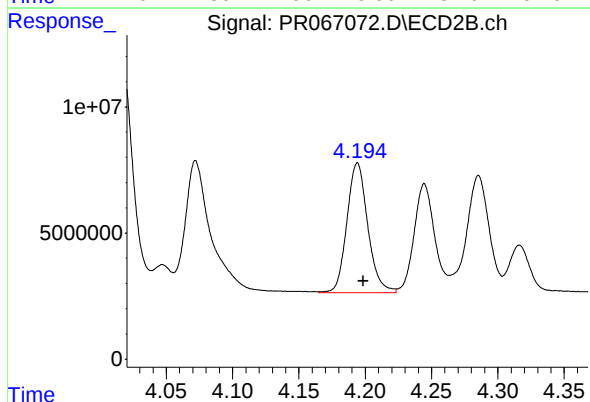
R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 101412810
Conc: 457.66 ng/ml



#5 AR-1016-3

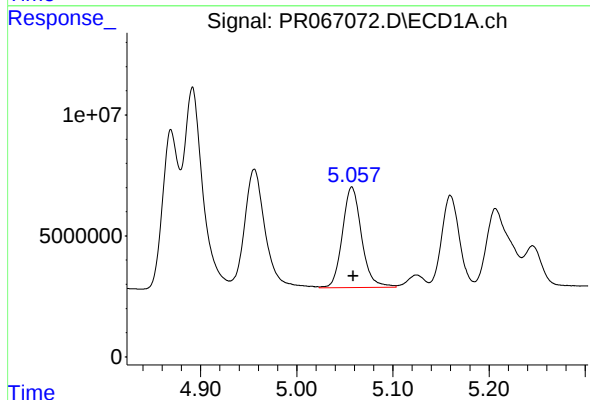
R.T.: 4.956 min
Delta R.T.: -0.001 min
Response: 73879079
Conc: 429.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



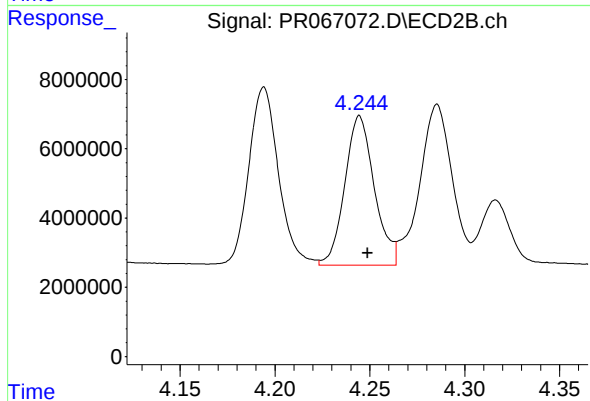
#5 AR-1016-3

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 56344538
Conc: 457.33 ng/ml



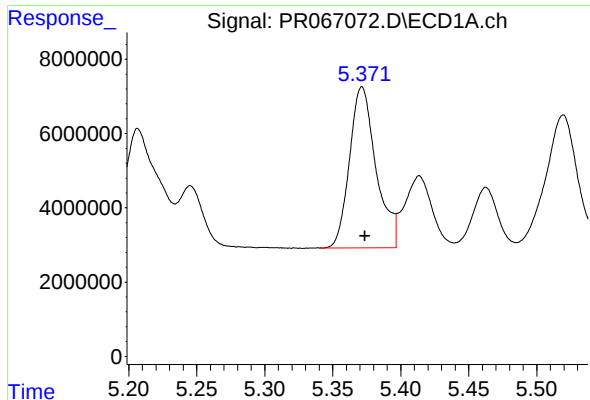
#6 AR-1016-4

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 57728215
Conc: 435.23 ng/ml



#6 AR-1016-4

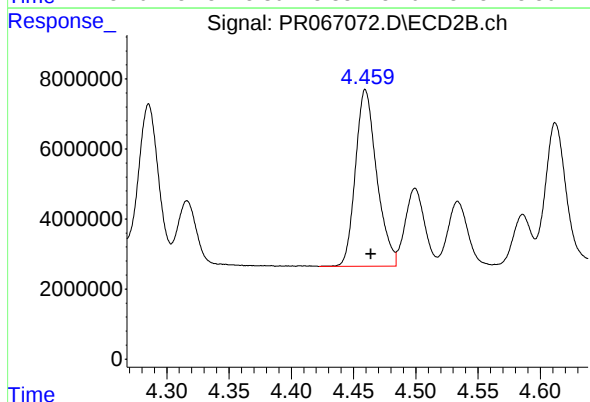
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 46703524
Conc: 447.18 ng/ml



#7 AR-1016-5

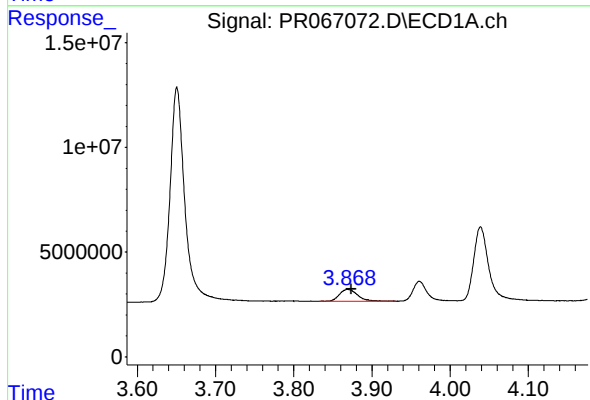
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 58959546
Conc: 436.86 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



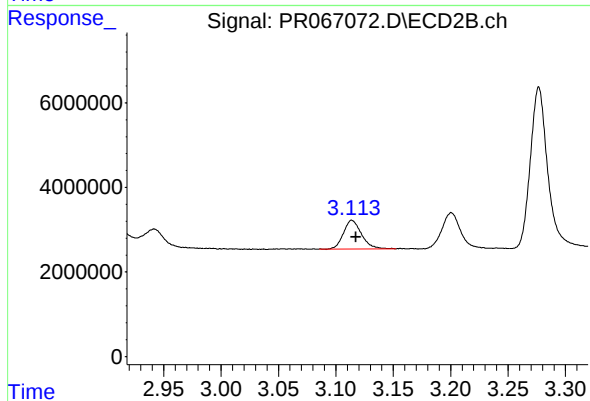
#7 AR-1016-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 59950251
Conc: 452.64 ng/ml



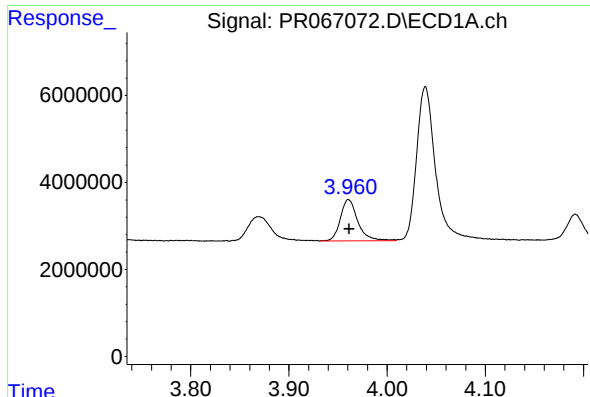
#8 AR-1221-1

R.T.: 3.869 min
Delta R.T.: -0.005 min
Response: 9366190
Conc: 143.54 ng/ml



#8 AR-1221-1

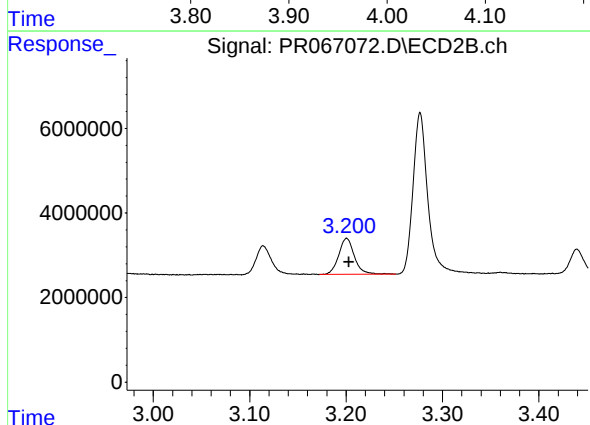
R.T.: 3.114 min
Delta R.T.: -0.003 min
Response: 7514816
Conc: 135.32 ng/ml



#9 AR-1221-2

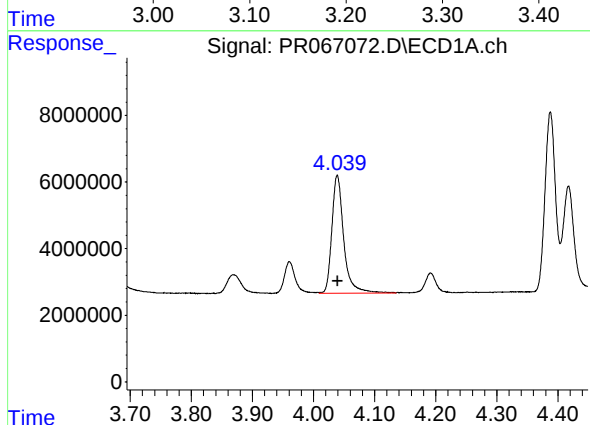
R.T.: 3.961 min
Delta R.T.: -0.001 min
Response: 11780011
Conc: 252.39 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



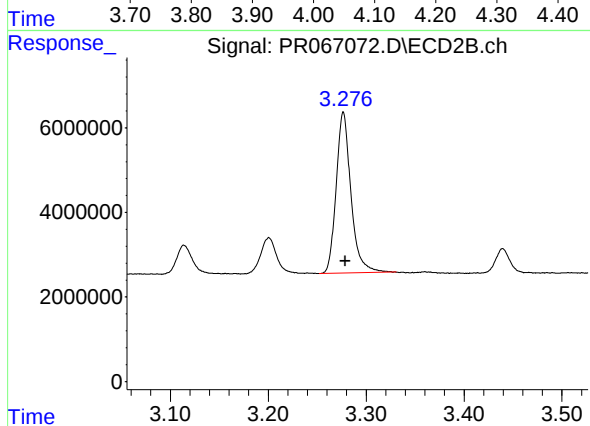
#9 AR-1221-2

R.T.: 3.201 min
Delta R.T.: -0.002 min
Response: 9743102
Conc: 243.41 ng/ml



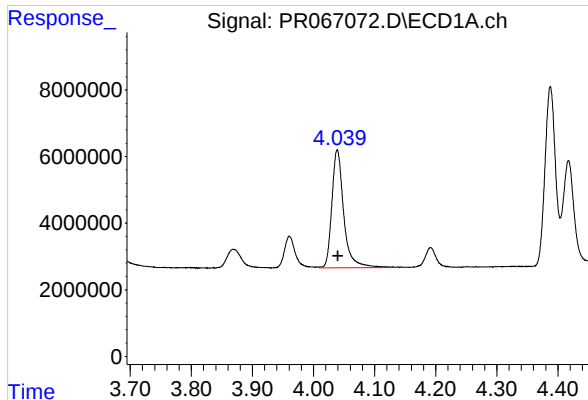
#10 AR-1221-3

R.T.: 4.039 min
Delta R.T.: 0.000 min
Response: 47960421
Conc: 317.90 ng/ml



#10 AR-1221-3

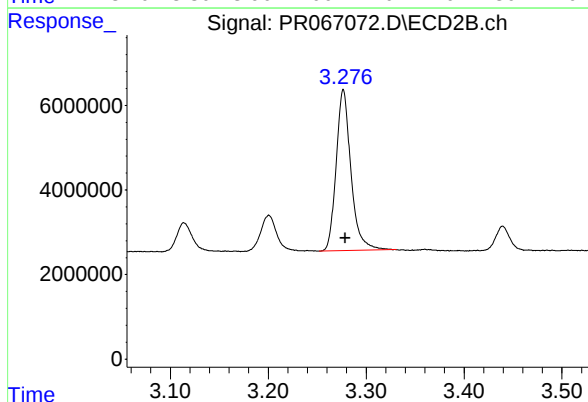
R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 40049577
Conc: 317.38 ng/ml



#11 AR-1232-1

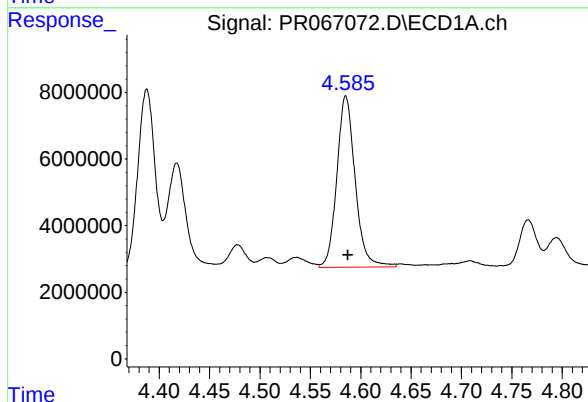
R.T.: 4.039 min
Delta R.T.: -0.001 min
Response: 47960421
Conc: 377.99 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



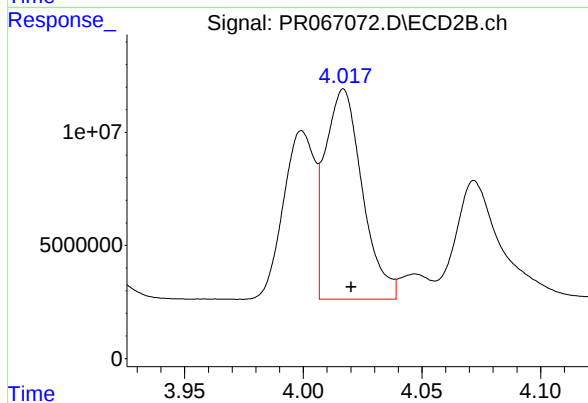
#11 AR-1232-1

R.T.: 3.277 min
Delta R.T.: -0.002 min
Response: 40049577
Conc: 374.22 ng/ml



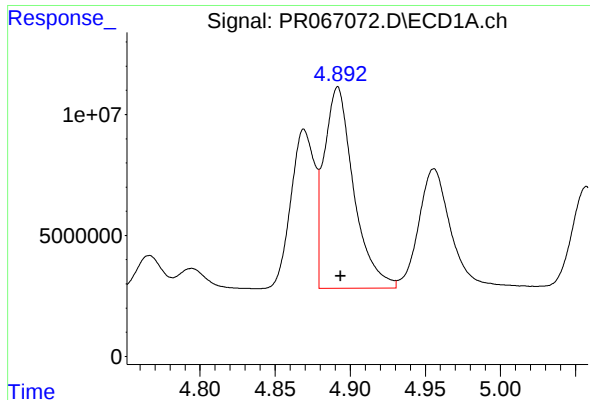
#12 AR-1232-2

R.T.: 4.585 min
Delta R.T.: -0.002 min
Response: 65209796
Conc: 917.80 ng/ml



#12 AR-1232-2

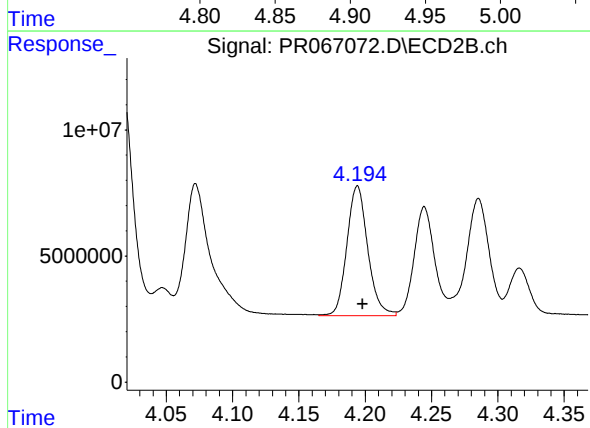
R.T.: 4.017 min
Delta R.T.: -0.003 min
Response: 101412810
Conc: 978.85 ng/ml



#13 AR-1232-3

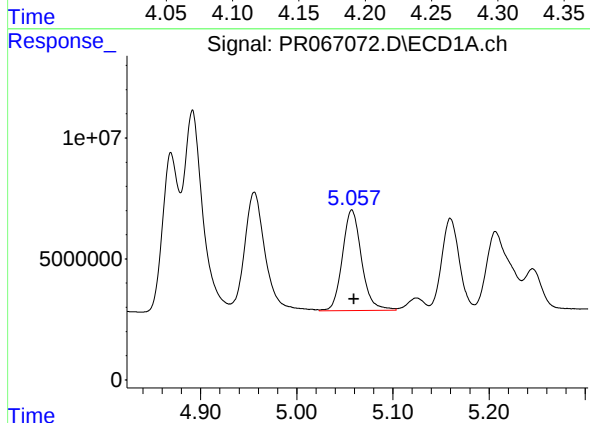
R.T.: 4.892 min
Delta R.T.: -0.002 min
Response: 114016634
Conc: 997.85 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



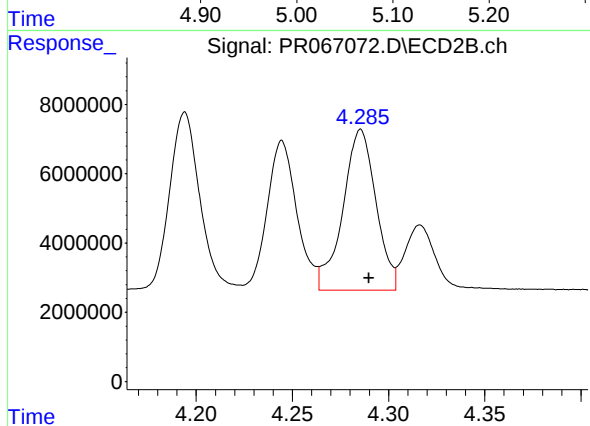
#13 AR-1232-3

R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 56344538
Conc: 1018.92 ng/ml



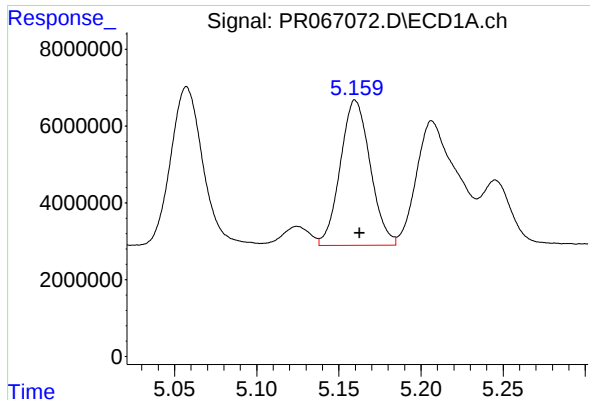
#14 AR-1232-4

R.T.: 5.057 min
Delta R.T.: -0.002 min
Response: 57728215
Conc: 997.51 ng/ml



#14 AR-1232-4

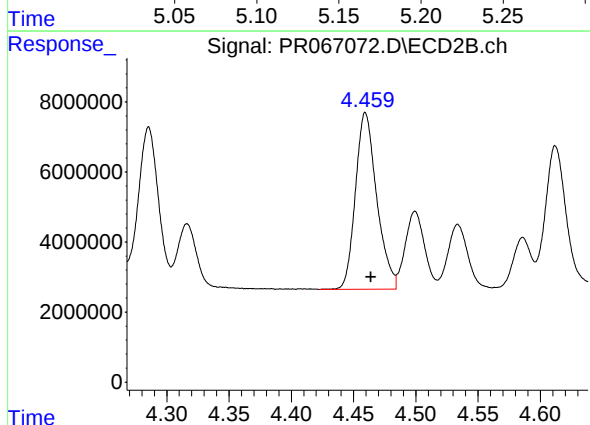
R.T.: 4.285 min
Delta R.T.: -0.004 min
Response: 55268730
Conc: 1081.13 ng/ml



#15 AR-1232-5

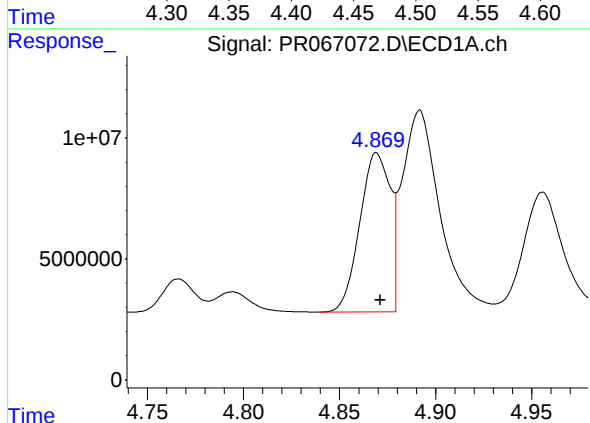
R.T.: 5.160 min
Delta R.T.: -0.003 min
Response: 48004506
Conc: 1078.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



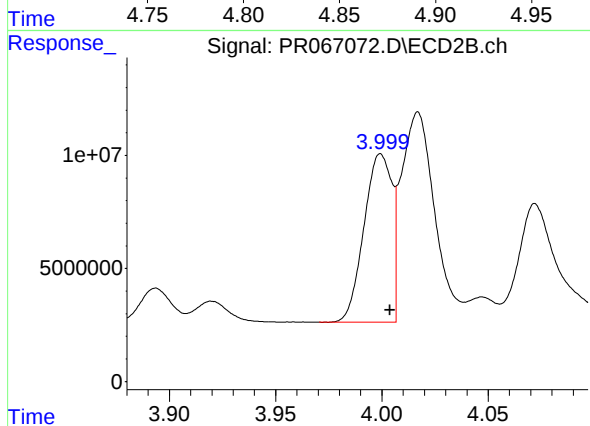
#15 AR-1232-5

R.T.: 4.460 min
Delta R.T.: -0.004 min
Response: 59950251
Conc: 1082.38 ng/ml



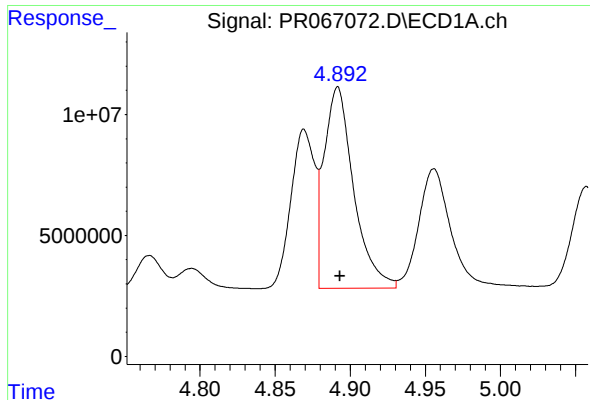
#16 AR-1242-1

R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 72785884
Conc: 590.09 ng/ml



#16 AR-1242-1

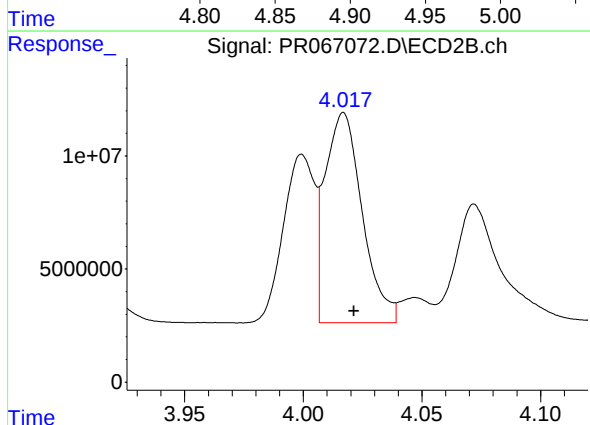
R.T.: 3.999 min
Delta R.T.: -0.004 min
Response: 67887694
Conc: 571.51 ng/ml



#17 AR-1242-2

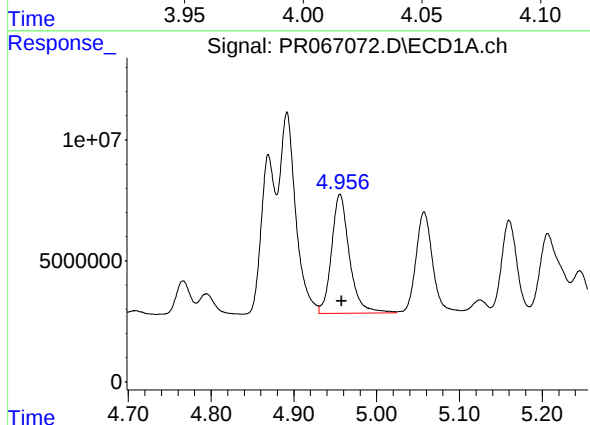
R.T.: 4.892 min
Delta R.T.: -0.001 min
Response: 114016634
Conc: 580.15 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



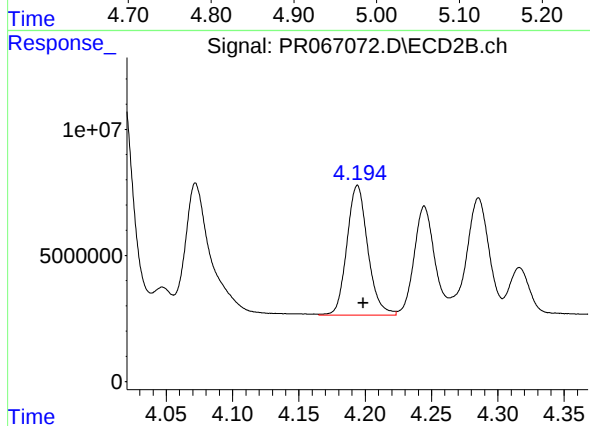
#17 AR-1242-2

R.T.: 4.017 min
Delta R.T.: -0.004 min
Response: 101412810
Conc: 571.76 ng/ml



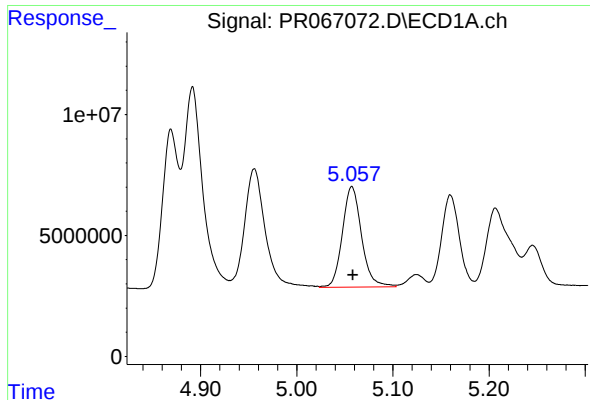
#18 AR-1242-3

R.T.: 4.956 min
Delta R.T.: -0.002 min
Response: 73879079
Conc: 550.77 ng/ml



#18 AR-1242-3

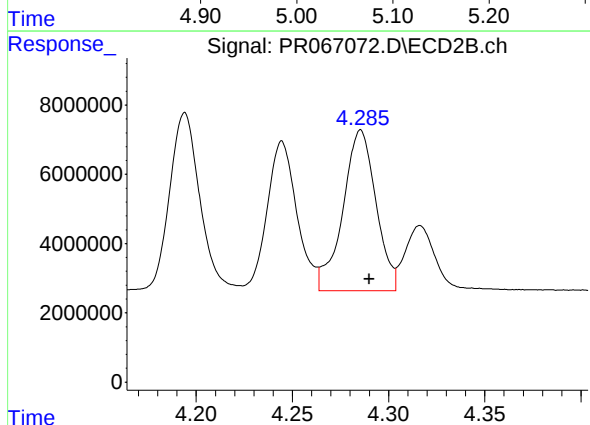
R.T.: 4.194 min
Delta R.T.: -0.004 min
Response: 56344538
Conc: 573.65 ng/ml



#19 AR-1242-4

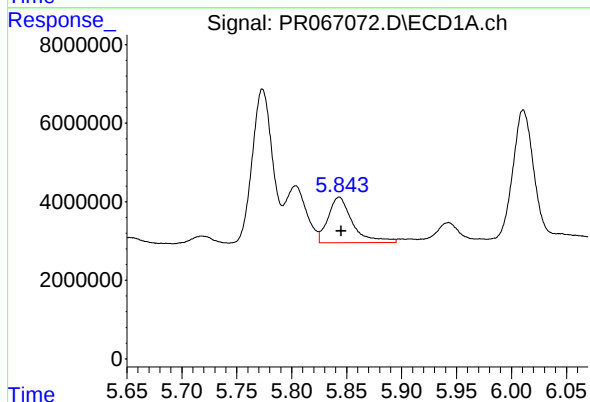
R.T.: 5.057 min
Delta R.T.: -0.001 min
Response: 57728215
Conc: 558.00 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



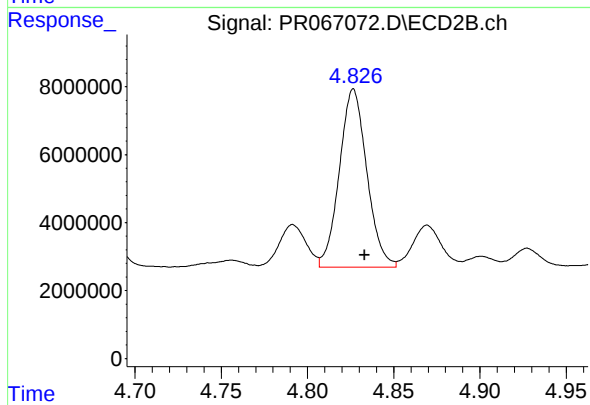
#19 AR-1242-4

R.T.: 4.285 min
Delta R.T.: -0.005 min
Response: 55268730
Conc: 557.99 ng/ml



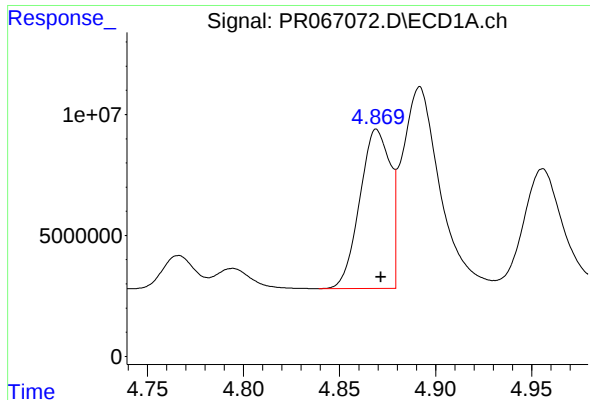
#20 AR-1242-5

R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 18026781
Conc: 171.34 ng/ml



#20 AR-1242-5

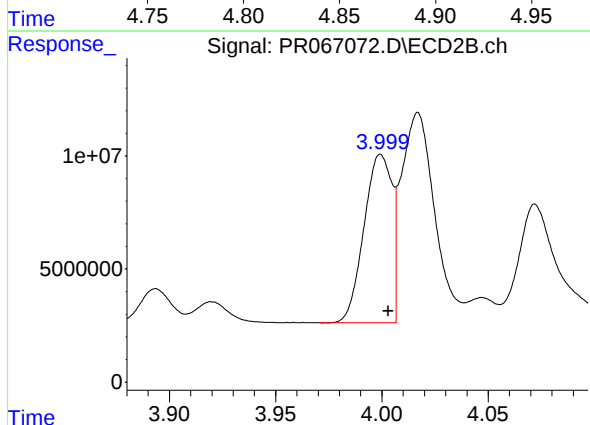
R.T.: 4.827 min
Delta R.T.: -0.006 min
Response: 58107692
Conc: 493.17 ng/ml



#21 AR-1248-1

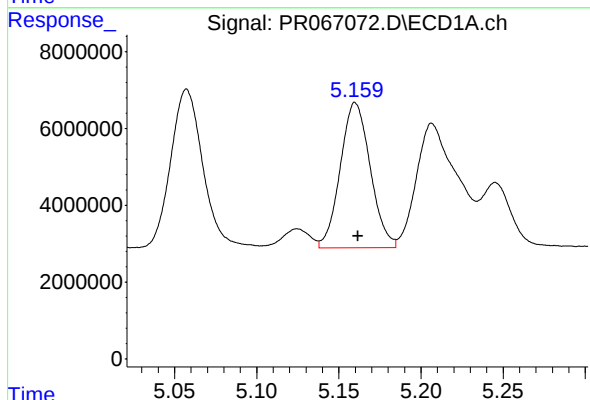
R.T.: 4.869 min
Delta R.T.: -0.002 min
Response: 72785884
Conc: 800.96 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



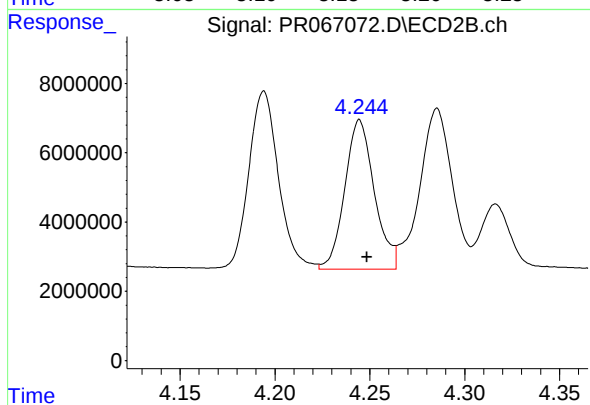
#21 AR-1248-1

R.T.: 3.999 min
Delta R.T.: -0.003 min
Response: 67887694
Conc: 750.76 ng/ml



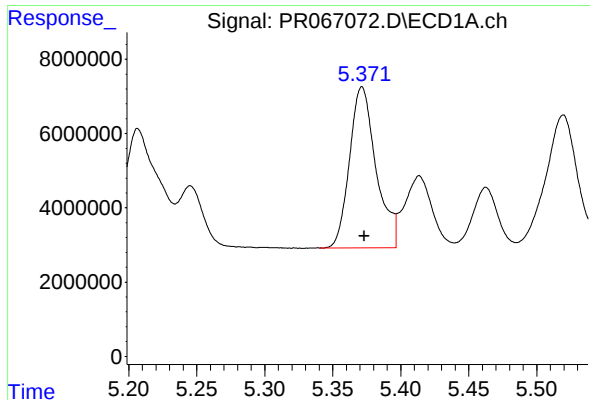
#22 AR-1248-2

R.T.: 5.160 min
Delta R.T.: -0.002 min
Response: 48004506
Conc: 322.48 ng/ml



#22 AR-1248-2

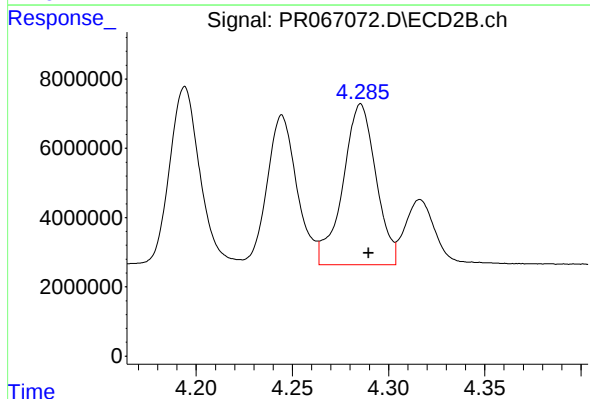
R.T.: 4.245 min
Delta R.T.: -0.004 min
Response: 46703524
Conc: 334.18 ng/ml



#23 AR-1248-3

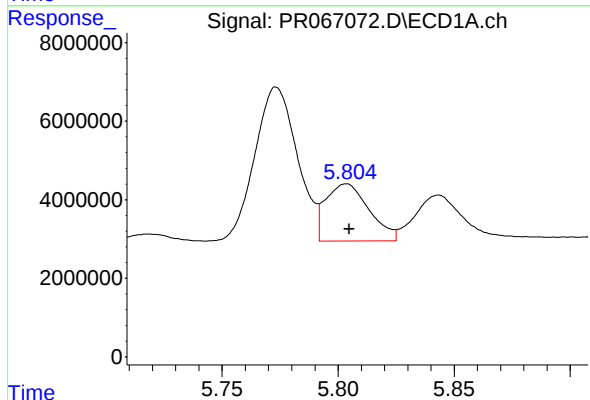
R.T.: 5.371 min
Delta R.T.: -0.002 min
Response: 58959546
Conc: 345.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



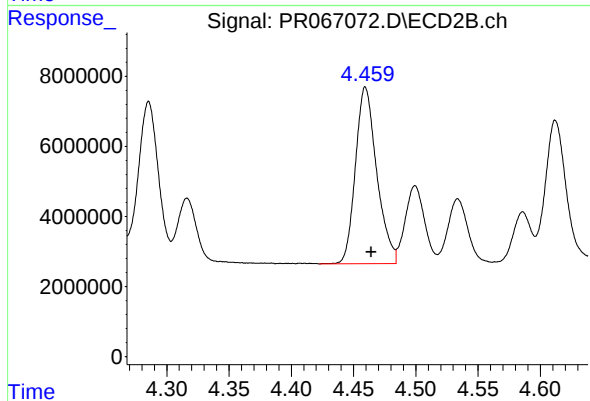
#23 AR-1248-3

R.T.: 4.285 min
Delta R.T.: -0.004 min
Response: 55268730
Conc: 395.22 ng/ml



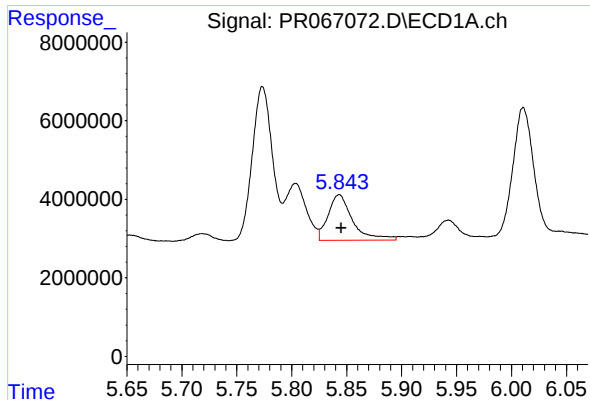
#24 AR-1248-4

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 18948579
Conc: 120.16 ng/ml



#24 AR-1248-4

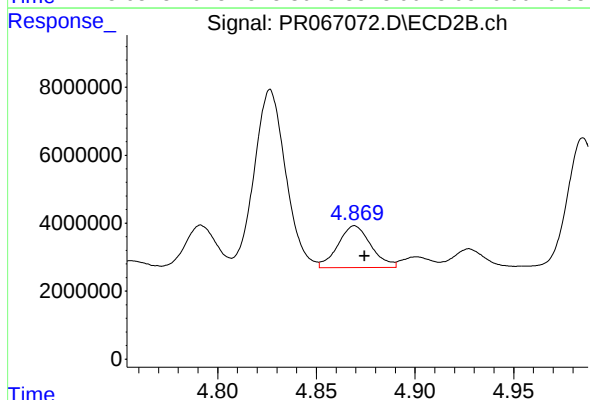
R.T.: 4.460 min
Delta R.T.: -0.005 min
Response: 59950251
Conc: 357.82 ng/ml



#25 AR-1248-5

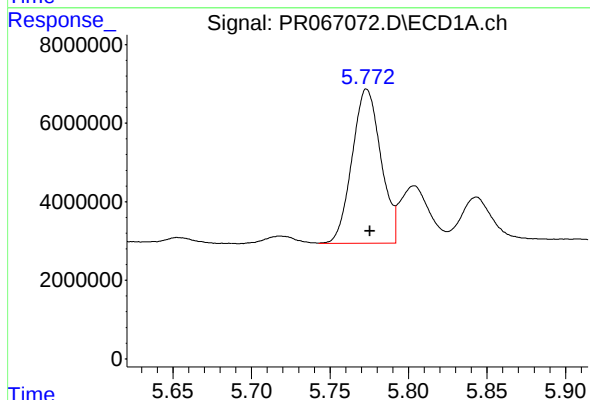
R.T.: 5.843 min
Delta R.T.: -0.002 min
Response: 18026781
Conc: 101.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



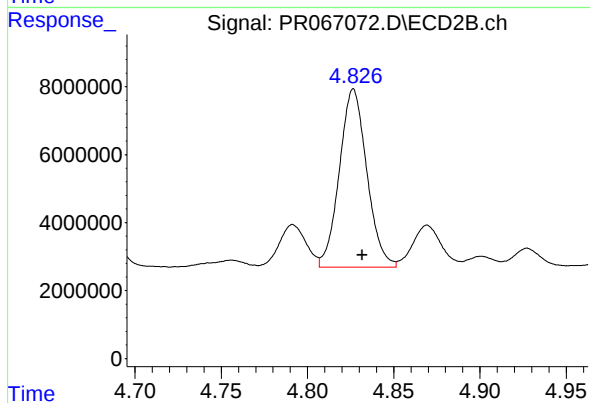
#25 AR-1248-5

R.T.: 4.869 min
Delta R.T.: -0.005 min
Response: 14322640
Conc: 92.70 ng/ml



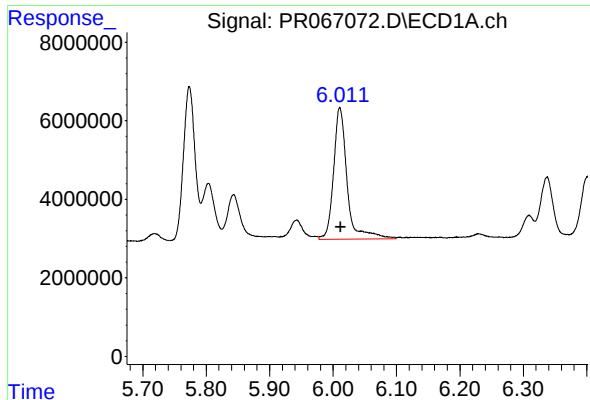
#26 AR-1254-1

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 50087174
Conc: 262.75 ng/ml



#26 AR-1254-1

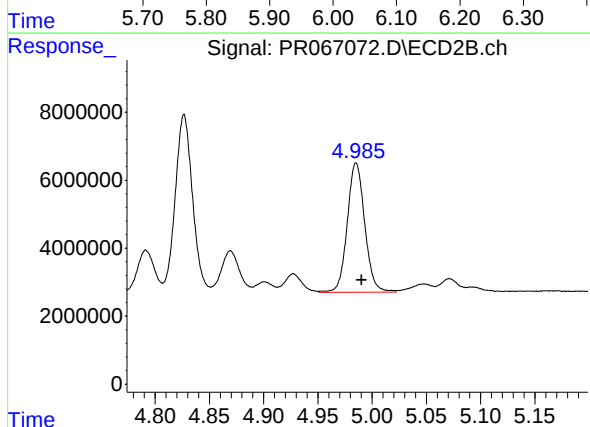
R.T.: 4.827 min
Delta R.T.: -0.005 min
Response: 58107692
Conc: 237.89 ng/ml



#27 AR-1254-2

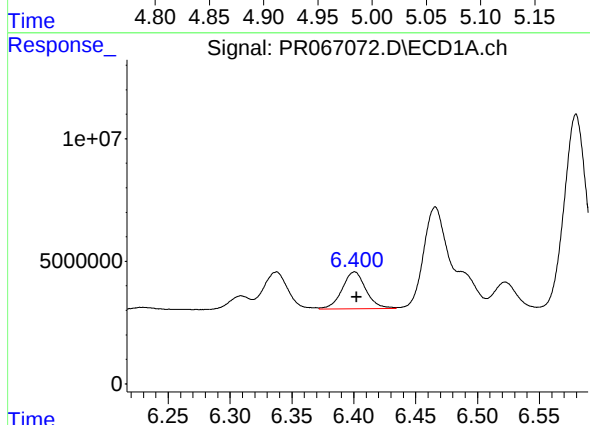
R.T.: 6.011 min
Delta R.T.: -0.001 min
Response: 49719876
Conc: 177.14 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



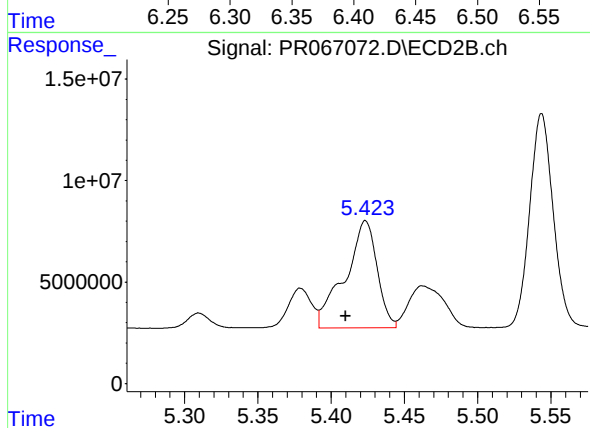
#27 AR-1254-2

R.T.: 4.985 min
Delta R.T.: -0.005 min
Response: 42595651
Conc: 196.77 ng/ml



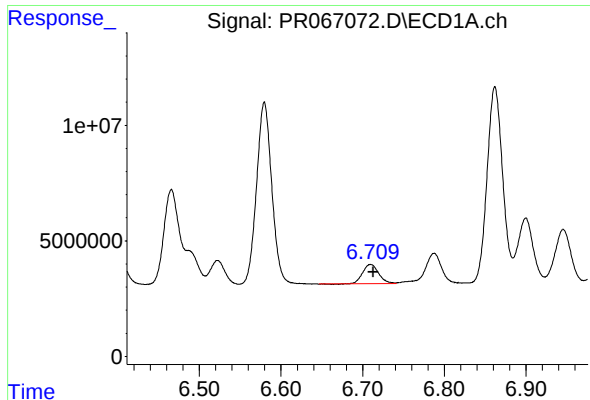
#28 AR-1254-3

R.T.: 6.401 min
Delta R.T.: -0.001 min
Response: 20222587
Conc: 75.44 ng/ml



#28 AR-1254-3

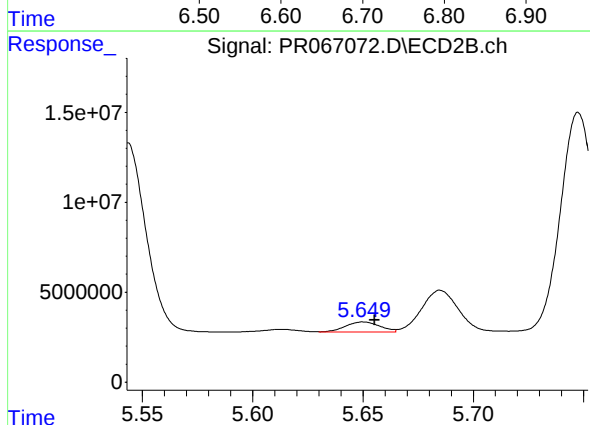
R.T.: 5.423 min
Delta R.T.: 0.014 min
Response: 80521425
Conc: 236.75 ng/ml



#29 AR-1254-4

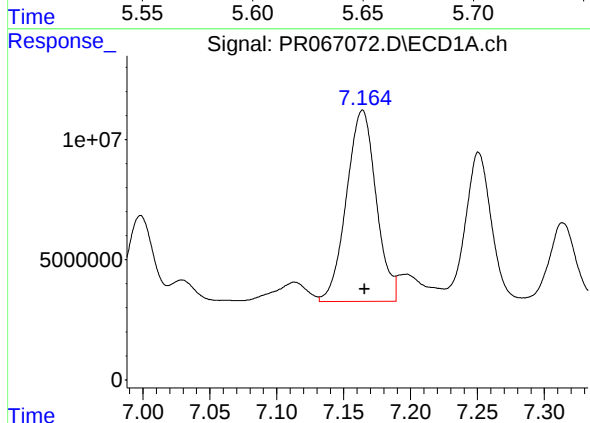
R.T.: 6.710 min
Delta R.T.: -0.003 min
Response: 11199652
Conc: 69.52 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



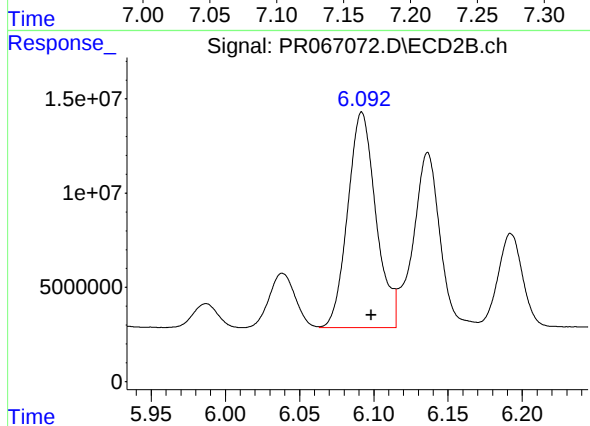
#29 AR-1254-4

R.T.: 5.650 min
Delta R.T.: -0.005 min
Response: 5990130
Conc: 30.53 ng/ml



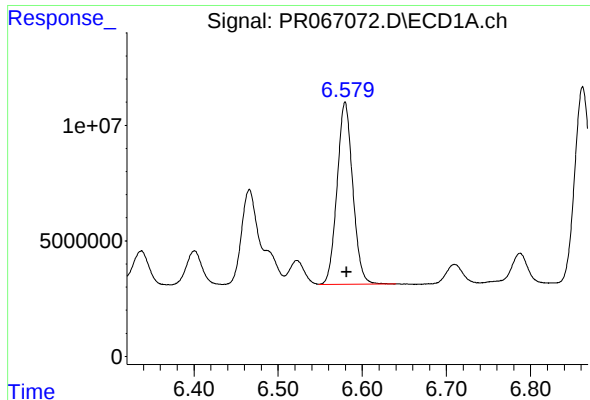
#30 AR-1254-5

R.T.: 7.164 min
Delta R.T.: -0.001 min
Response: 122979084
Conc: 640.50 ng/ml



#30 AR-1254-5

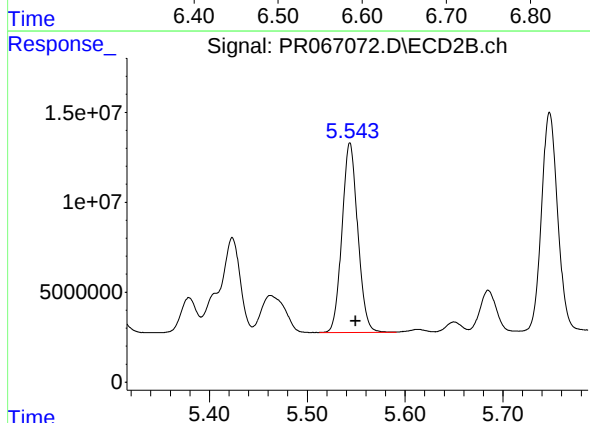
R.T.: 6.092 min
Delta R.T.: -0.006 min
Response: 151891841
Conc: 493.20 ng/ml



#31 AR-1260-1

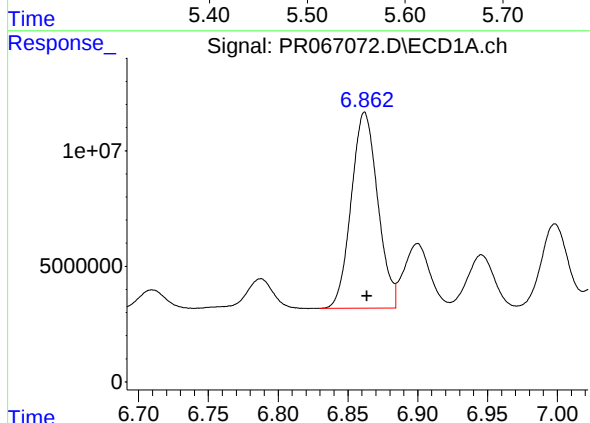
R.T.: 6.580 min
Delta R.T.: -0.002 min
Response: 102453996
Conc: 420.16 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



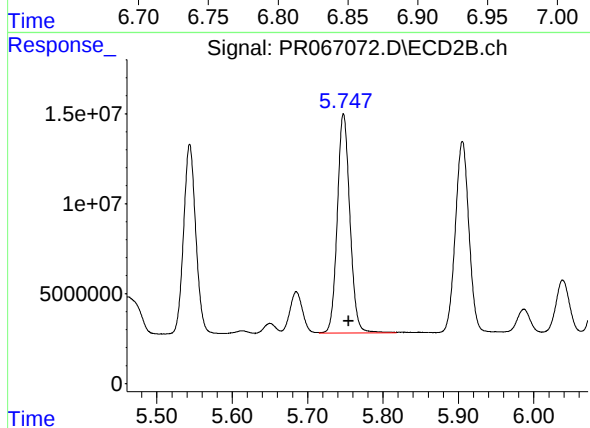
#31 AR-1260-1

R.T.: 5.544 min
Delta R.T.: -0.006 min
Response: 117933932
Conc: 452.66 ng/ml



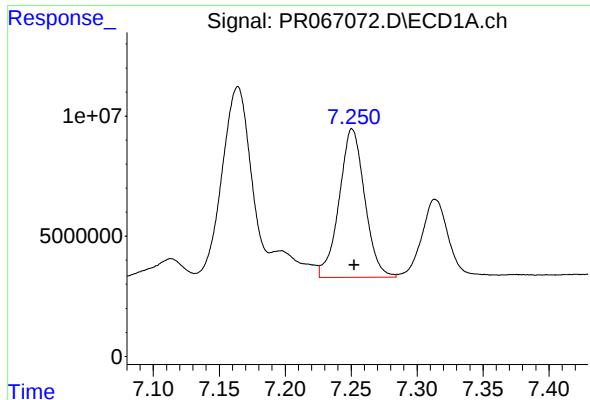
#32 AR-1260-2

R.T.: 6.862 min
Delta R.T.: -0.002 min
Response: 112088907
Conc: 432.95 ng/ml



#32 AR-1260-2

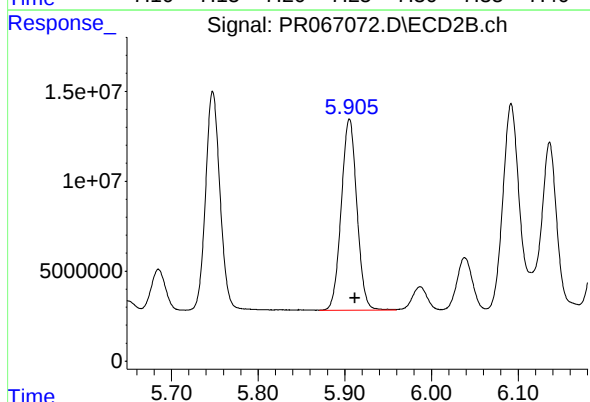
R.T.: 5.748 min
Delta R.T.: -0.006 min
Response: 141369258
Conc: 461.06 ng/ml



#33 AR-1260-3

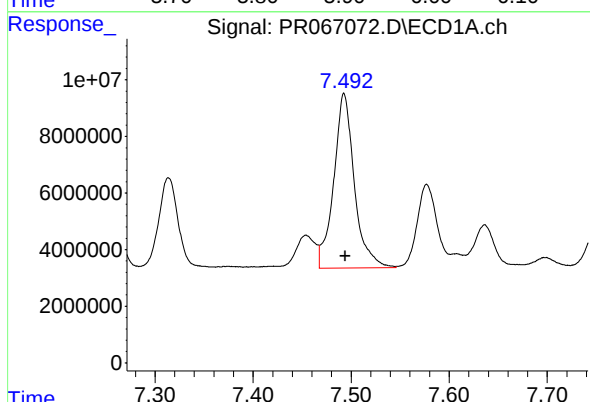
R.T.: 7.251 min
Delta R.T.: -0.002 min
Response: 83539574
Conc: 420.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



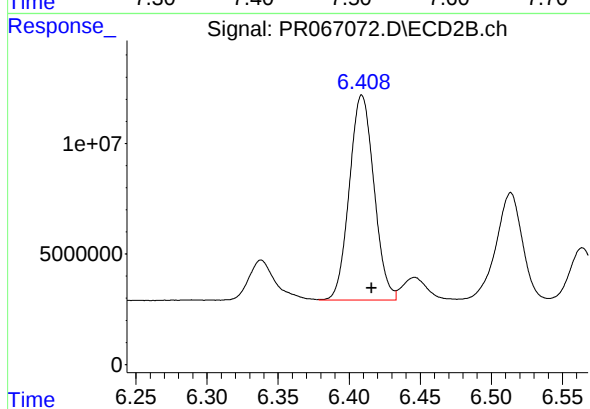
#33 AR-1260-3

R.T.: 5.905 min
Delta R.T.: -0.006 min
Response: 133087532
Conc: 454.01 ng/ml



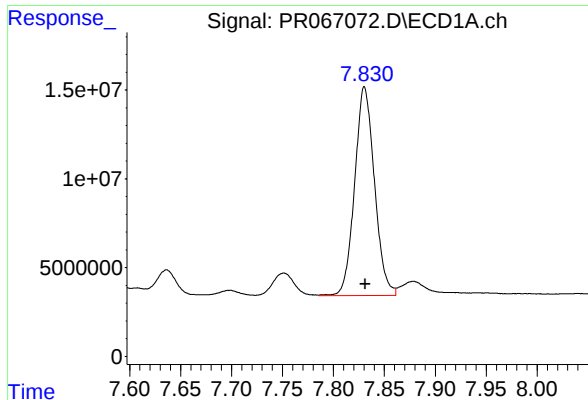
#34 AR-1260-4

R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 90464393
Conc: 433.09 ng/ml



#34 AR-1260-4

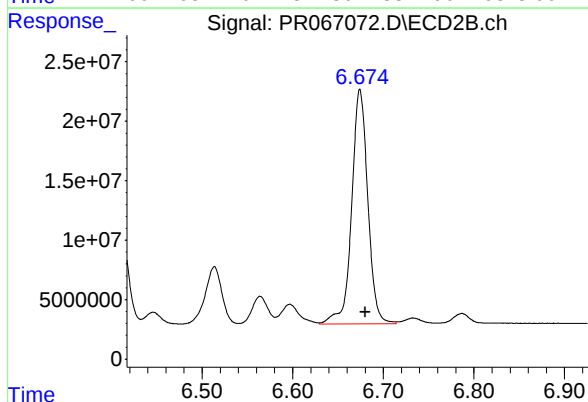
R.T.: 6.409 min
Delta R.T.: -0.007 min
Response: 111810310
Conc: 447.17 ng/ml



#35 AR-1260-5

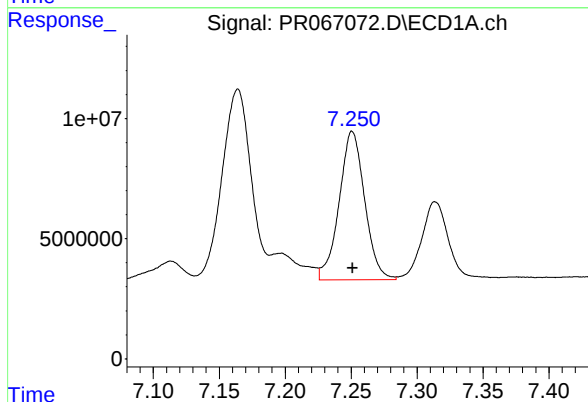
R.T.: 7.830 min
Delta R.T.: 0.000 min
Response: 159005588
Conc: 464.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



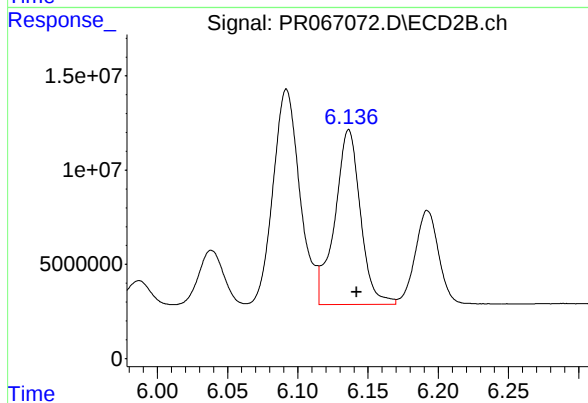
#35 AR-1260-5

R.T.: 6.674 min
Delta R.T.: -0.006 min
Response: 244663496
Conc: 448.19 ng/ml



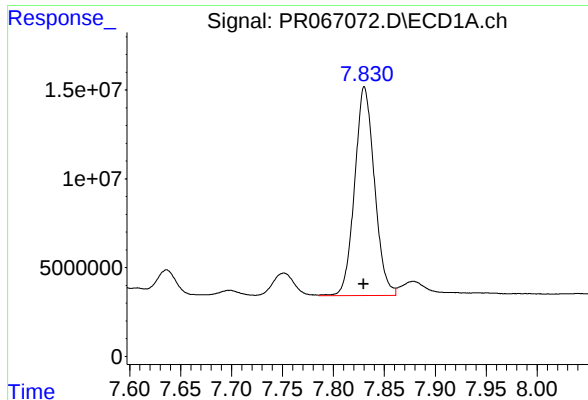
#36 AR-1262-1

R.T.: 7.251 min
Delta R.T.: 0.000 min
Response: 83539574
Conc: 322.82 ng/ml



#36 AR-1262-1

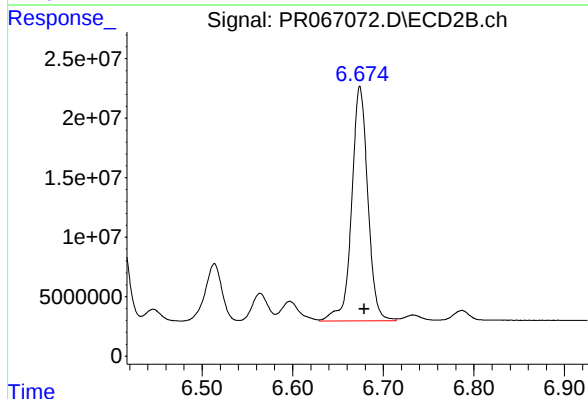
R.T.: 6.136 min
Delta R.T.: -0.006 min
Response: 117993059
Conc: 355.97 ng/ml



#37 AR-1262-2

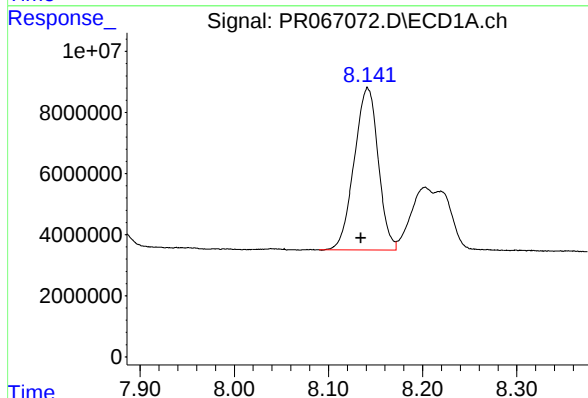
R.T.: 7.830 min
Delta R.T.: 0.001 min
Response: 159005588
Conc: 458.46 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



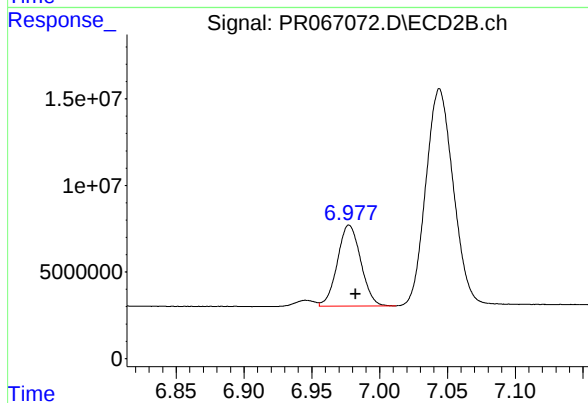
#37 AR-1262-2

R.T.: 6.674 min
Delta R.T.: -0.005 min
Response: 244663496
Conc: 439.60 ng/ml



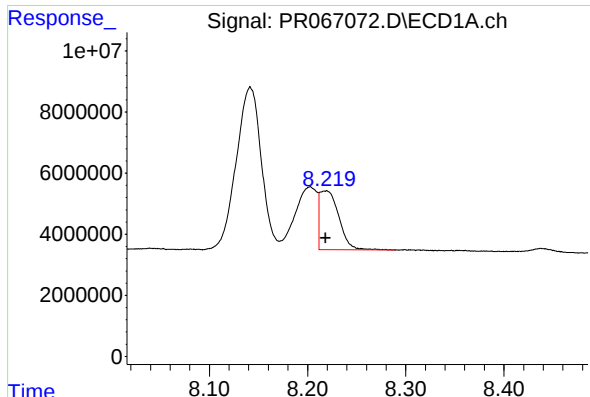
#38 AR-1262-3

R.T.: 8.142 min
Delta R.T.: 0.007 min
Response: 94050330
Conc: 412.36 ng/ml



#38 AR-1262-3

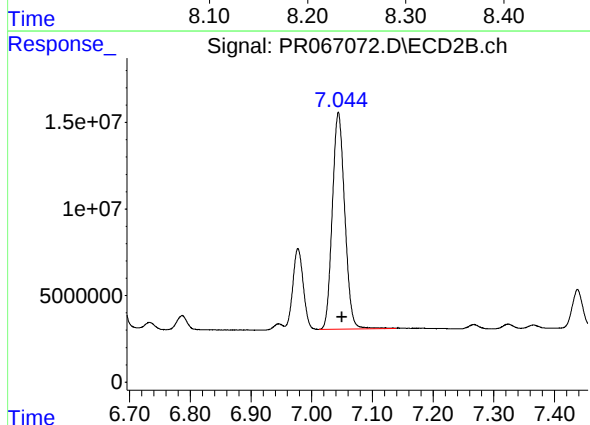
R.T.: 6.978 min
Delta R.T.: -0.005 min
Response: 56158673
Conc: 235.30 ng/ml



#39 AR-1262-4

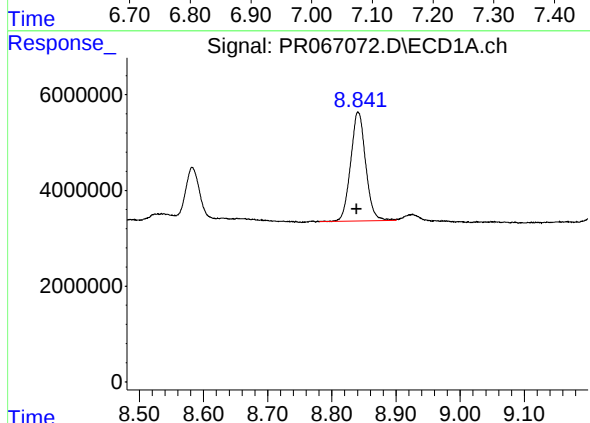
R.T.: 8.219 min
Delta R.T.: 0.000 min
Response: 25996937
Conc: 144.03 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



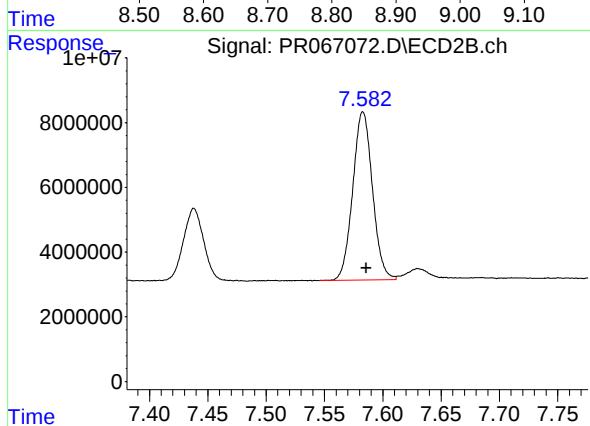
#39 AR-1262-4

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 177988430
Conc: 417.11 ng/ml



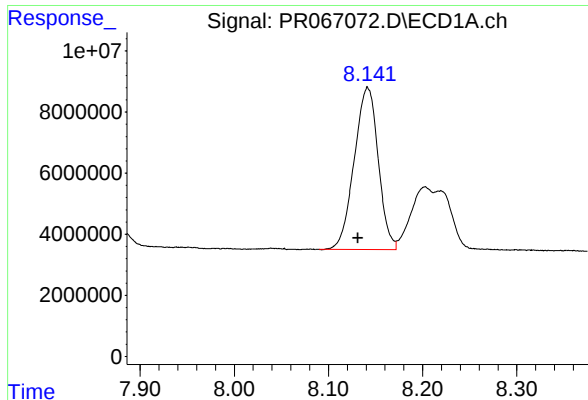
#40 AR-1262-5

R.T.: 8.841 min
Delta R.T.: 0.002 min
Response: 37011588
Conc: 361.31 ng/ml



#40 AR-1262-5

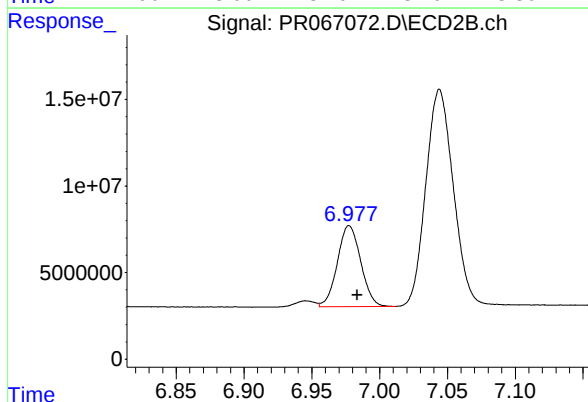
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 61322706
Conc: 313.07 ng/ml



#41 AR-1268-1

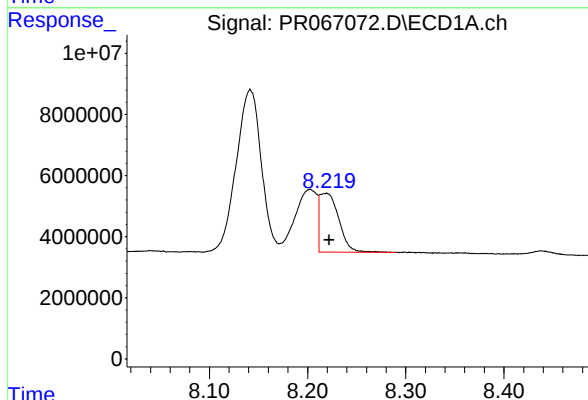
R.T.: 8.142 min
Delta R.T.: 0.010 min
Response: 94050330
Conc: 226.71 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



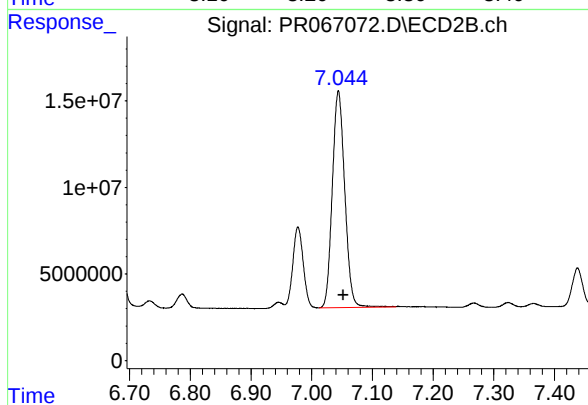
#41 AR-1268-1

R.T.: 6.978 min
Delta R.T.: -0.006 min
Response: 56158673
Conc: 84.39 ng/ml



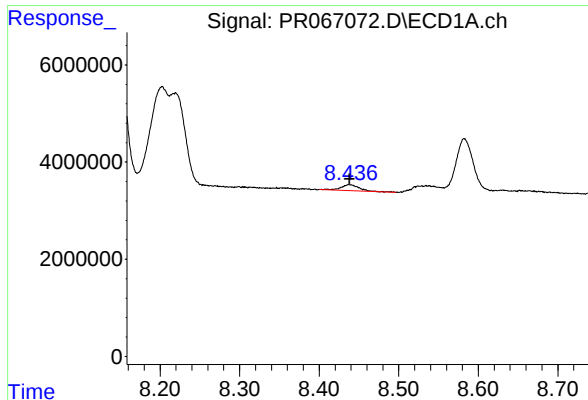
#42 AR-1268-2

R.T.: 8.219 min
Delta R.T.: -0.003 min
Response: 25996937
Conc: 70.16 ng/ml



#42 AR-1268-2

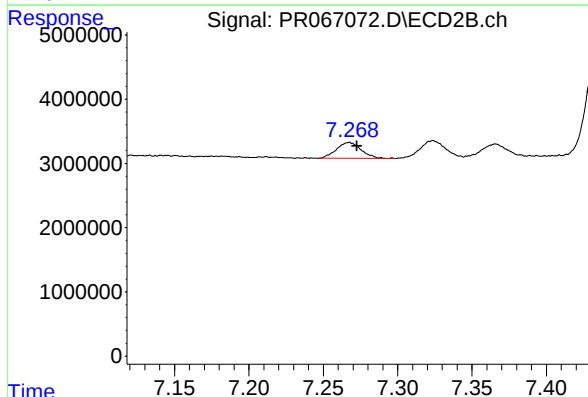
R.T.: 7.044 min
Delta R.T.: -0.008 min
Response: 177988430
Conc: 292.04 ng/ml



#43 AR-1268-3

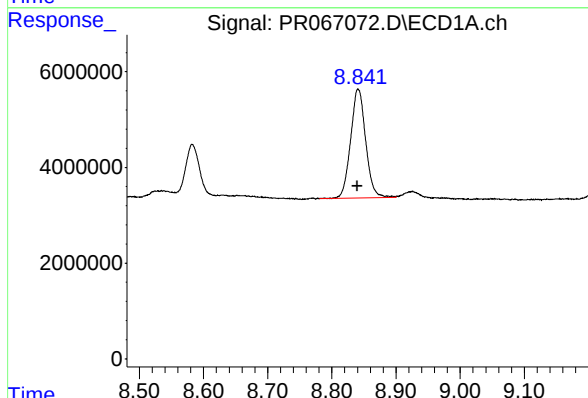
R.T.: 8.438 min
Delta R.T.: 0.000 min
Response: 1922924
Conc: 5.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



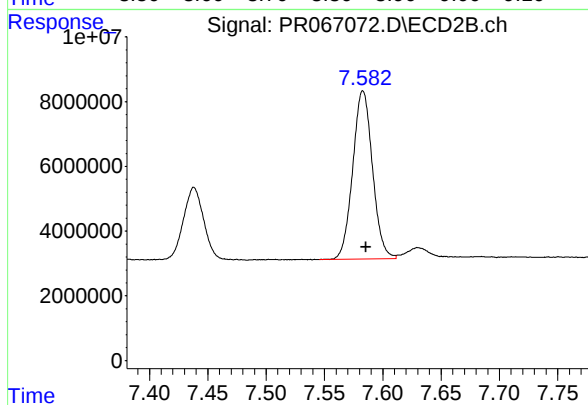
#43 AR-1268-3

R.T.: 7.267 min
Delta R.T.: -0.005 min
Response: 2856967
Conc: 5.34 ng/ml



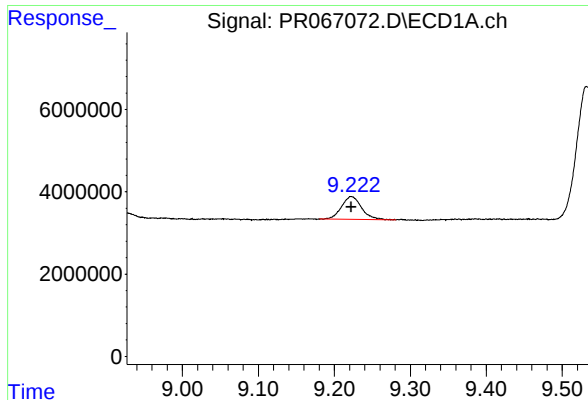
#44 AR-1268-4

R.T.: 8.841 min
Delta R.T.: 0.001 min
Response: 37011588
Conc: 325.90 ng/ml



#44 AR-1268-4

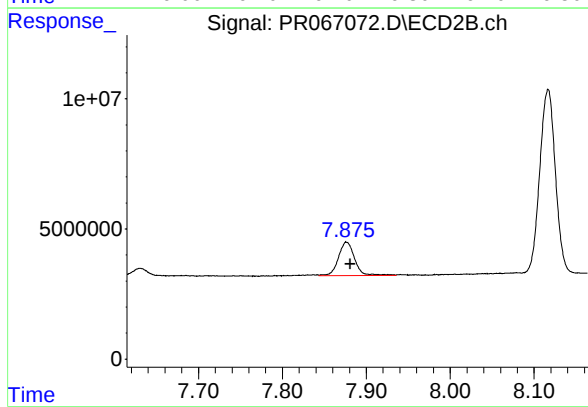
R.T.: 7.583 min
Delta R.T.: -0.003 min
Response: 61322706
Conc: 278.22 ng/ml



#45 AR-1268-5

R.T.: 9.222 min
Delta R.T.: 0.000 min
Response: 10204192
Conc: 12.11 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR16603279



#45 AR-1268-5

R.T.: 7.876 min
Delta R.T.: -0.005 min
Response: 17487929
Conc: 11.72 ng/ml