

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR030723\
 Data File : PR060088.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 07 Mar 2023 11:12
 Operator : YP\AJ
 Sample : 01813-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 07 19:25:08 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR022823CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Feb 28 05:24:37 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...	3.677	0.000	1871179	0	0.555	N.D. #
2)	SA Decachlor...	9.655	8.132	1246847	1477044	0.529	0.409
Target Compounds							
3)	L1 AR-1016-1	4.924	4.016	35296377	52204637	375.696	380.311
4)	L1 AR-1016-2	4.947	4.034	53125740	81890313	393.823	400.736
5)	L1 AR-1016-3	5.011	4.211	33270354	40602977	381.370	386.396
6)	L1 AR-1016-4	5.114	4.261	26081026	34940096	376.132	406.889
7)	L1 AR-1016-5	5.432	4.476	25349962	43723738	375.663	390.802
8)	L2 AR-1221-1	3.911	3.130	3953215	4188709	98.003	85.870
9)	L2 AR-1221-2	4.004	3.217	4317457	5166973	151.759	149.708
10)	L2 AR-1221-3	4.083	3.292	21695410	27956911	245.552	241.162
11)	L3 AR-1232-1	4.083	3.292	21695410	27956911	289.508	289.943
12)	L3 AR-1232-2	4.637	4.034	31612403	81890313	940.116	919.022
13)	L3 AR-1232-3	4.947	4.211	53125740	40602977	861.675	907.503
14)	L3 AR-1232-4	5.114	4.302	26081026	41364880	845.626	1000.238
15)	L3 AR-1232-5	5.218	4.476	21179606	43723738	909.650	940.934
16)	L4 AR-1242-1	4.924	4.016	35296377	52204637	449.195	457.393
17)	L4 AR-1242-2	4.947	4.034	53125740	81890313	473.781	489.445
18)	L4 AR-1242-3	5.011	4.211	33270354	40602977	458.000	469.376
19)	L4 AR-1242-4	5.114	4.302	26081026	41364880	453.134	482.618
20)	L4 AR-1242-5	5.910	4.843	2946914	34833129	54.534	337.316 #
21)	L5 AR-1248-1	4.924	4.016	35296377	52204637	582.462	599.780
22)	L5 AR-1248-2	5.218	4.261	21179606	34940096	260.846	270.669
23)	L5 AR-1248-3	5.432	4.302	25349962	41364880	269.877	318.176
24)	L5 AR-1248-4	5.869	4.476	3427845	43723738	35.666	277.087 #
25)	L5 AR-1248-5	5.910	4.887	2946914	4082549	31.759	28.651
26)	L6 AR-1254-1	5.838	4.843	18793360	34833129	187.492	149.784
27)	L6 AR-1254-2	6.078	5.002	21084603	32735210	138.866	163.043
28)	L6 AR-1254-3	6.472	5.440	11385694	61453957	73.271	191.784 #
29)	L6 AR-1254-4	6.785	5.668	6267287	5420651	56.884	30.220 #
30)	L6 AR-1254-5	7.242	6.110	62809351	123.6E6	511.973	446.892
31)	L7 AR-1260-1	6.653	5.561	46287719	91852116	376.258	401.634
32)	L7 AR-1260-2	6.937	5.766	52235019	107.2E6	371.805	398.579
33)	L7 AR-1260-3	7.330	5.923	34274537	104.5E6	316.453	412.434 #
34)	L7 AR-1260-4	7.573	6.427	42559750	74338521	345.013	353.434
35)	L7 AR-1260-5	7.913	6.692	78018225	173.5E6	339.060	364.966
36)	L8 AR-1262-1	7.330	6.154	34274537	79821303	223.167	261.181
37)	L8 AR-1262-2	7.913	6.427	78018225	74338521	300.723	273.442
38)	L8 AR-1262-3	8.232	6.995	53163487	31514502	283.036	153.671 #
39)	L8 AR-1262-4	8.290	7.061	29543316	123.6E6	203.648	322.574 #
40)	L8 AR-1262-5	8.946	7.599	21410391	35466534	203.492	209.581
41)	L9 AR-1268-1	8.232	6.995	53163487	31514502	120.227	35.867 #

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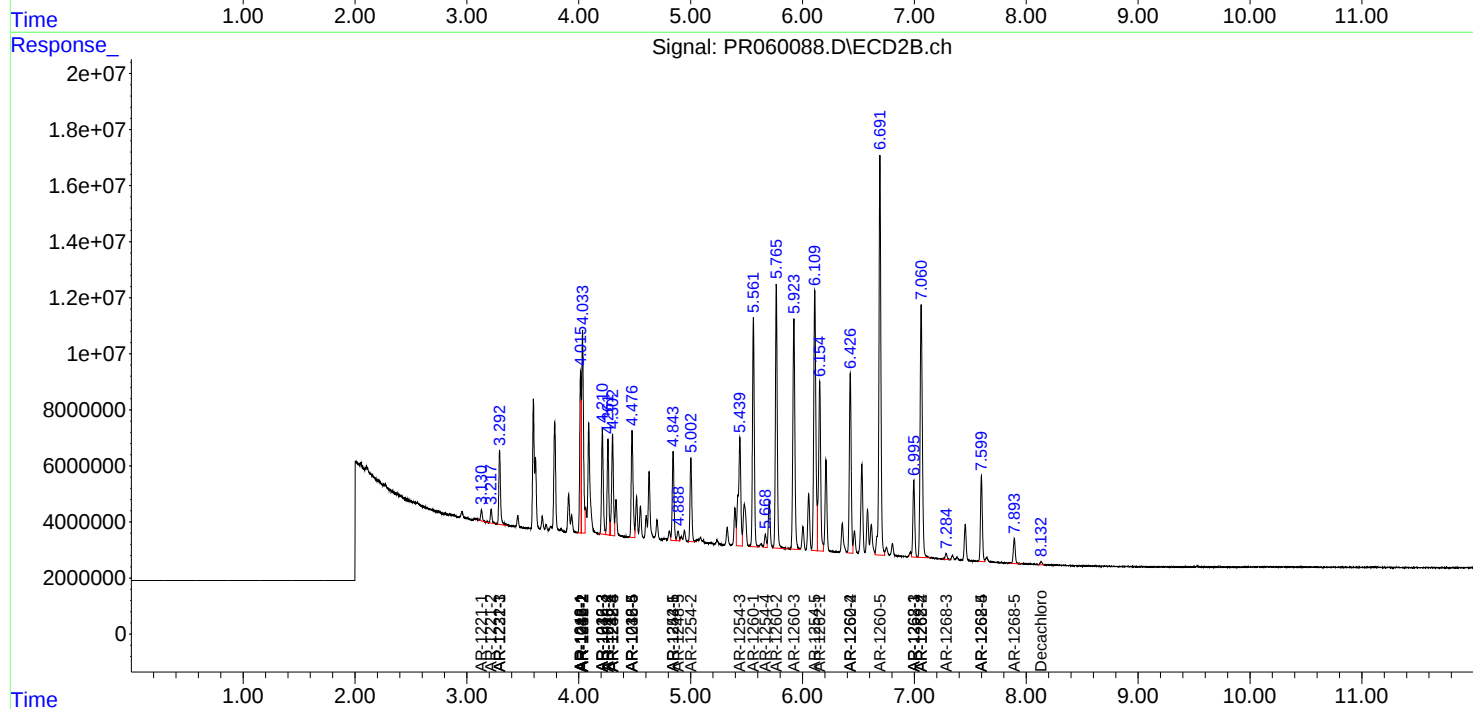
Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

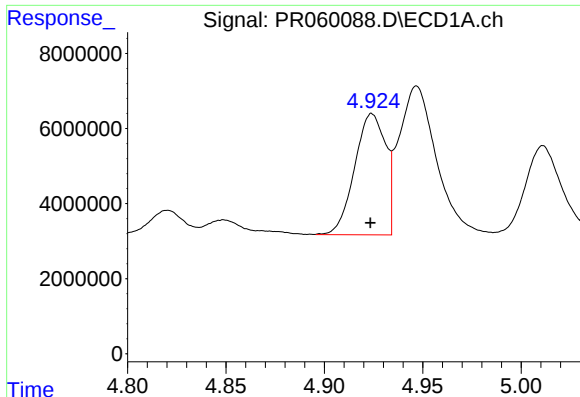
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	8.290	7.061	29543316	123.6E6	73.872	156.750 #
43) L9	AR-1268-3	8.535	7.284	1622452	2534862	4.503	3.649
44) L9	AR-1268-4	8.946	7.599	21410391	35466534	135.764	133.821
45) L9	AR-1268-5	9.340	7.894	7430857	10914504	6.445	5.206

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

Instrument :
ECD_R
ClientSampleId :

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

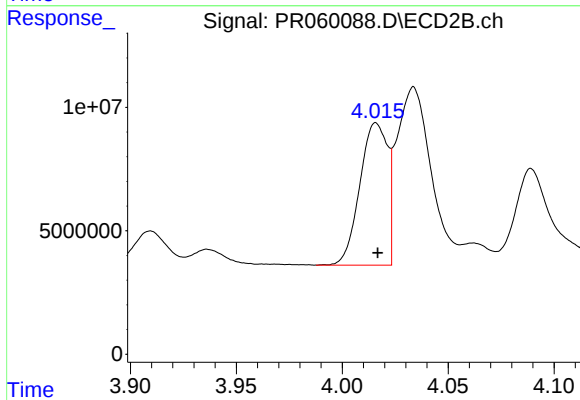




#3 AR-1016-1

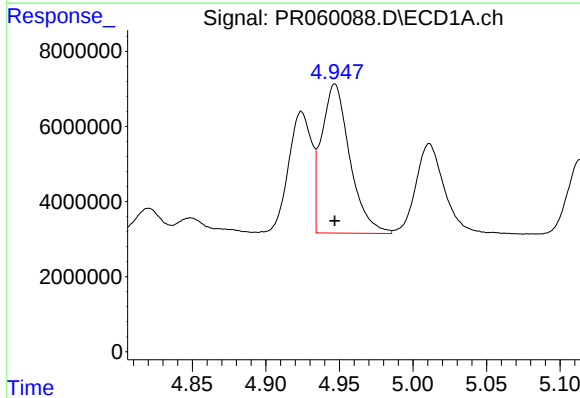
R.T.: 4.924 min
Delta R.T.: 0.001 min
Response: 35296377
Conc: 375.70 ng/ml

Instrument :
ECD_R
ClientSampleId :



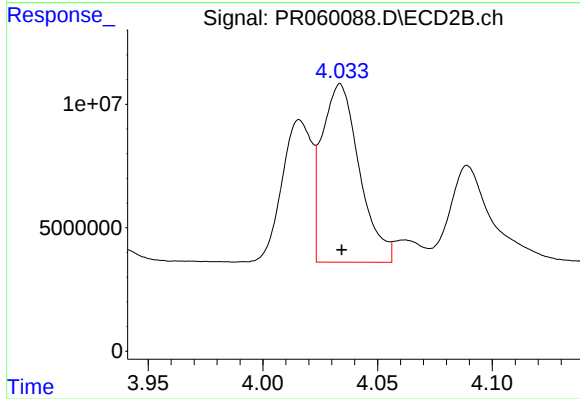
#3 AR-1016-1

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 52204637
Conc: 380.31 ng/ml



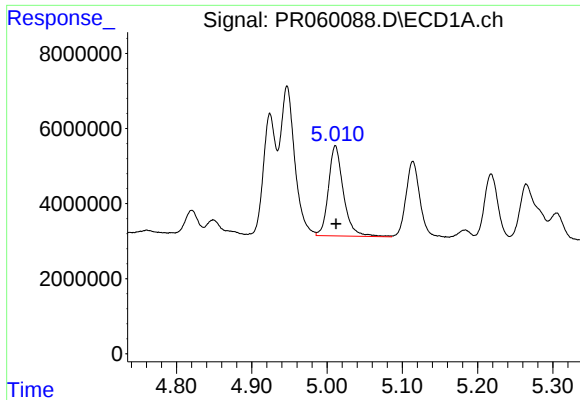
#4 AR-1016-2

R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 53125740
Conc: 393.82 ng/ml



#4 AR-1016-2

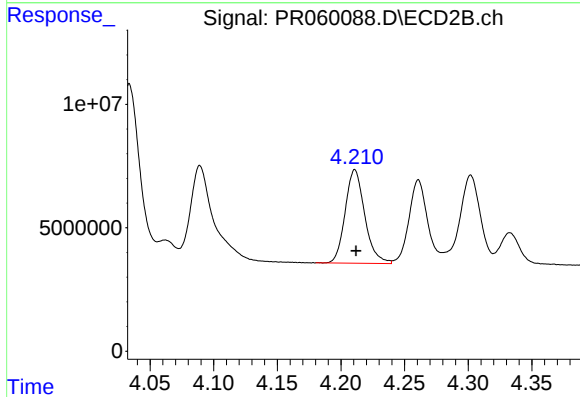
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 81890313
Conc: 400.74 ng/ml



#5 AR-1016-3

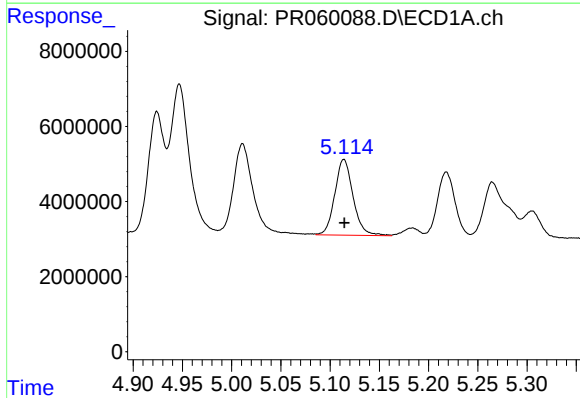
R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 33270354
Conc: 381.37 ng/ml

Instrument :
ECD_R
ClientSampleId :



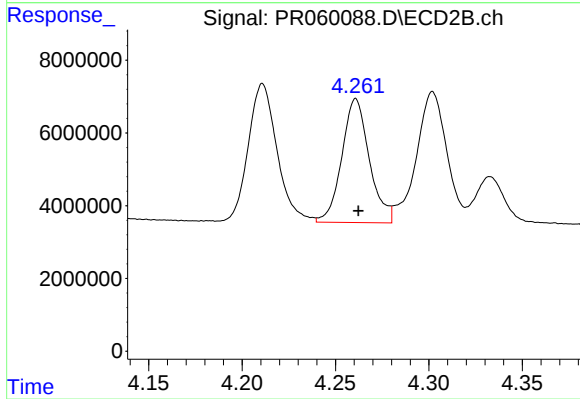
#5 AR-1016-3

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 40602977
Conc: 386.40 ng/ml



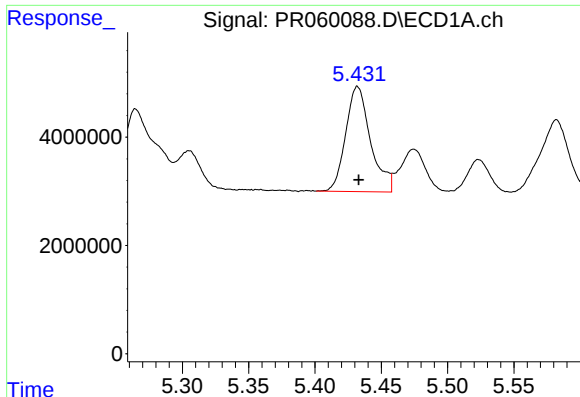
#6 AR-1016-4

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 26081026
Conc: 376.13 ng/ml



#6 AR-1016-4

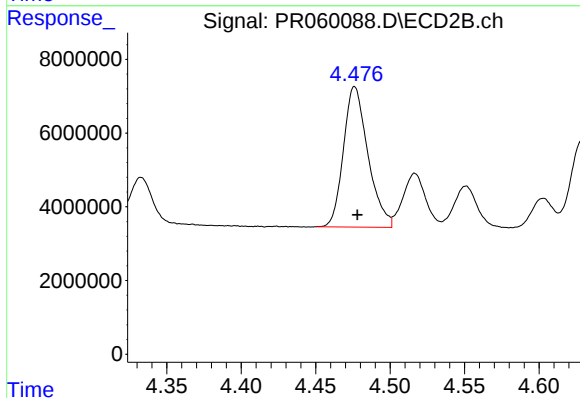
R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 34940096
Conc: 406.89 ng/ml



#7 AR-1016-5

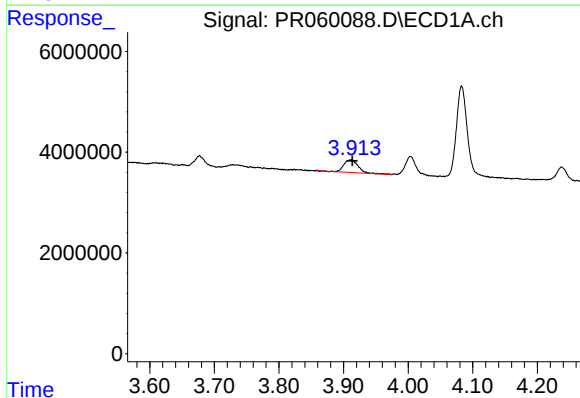
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 25349962
Conc: 375.66 ng/ml

Instrument :
ECD_R
ClientSampleId :



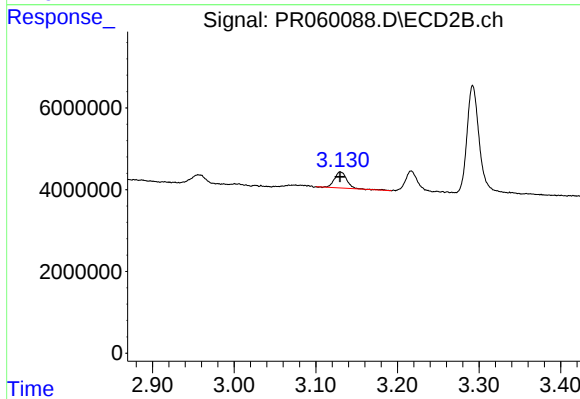
#7 AR-1016-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 43723738
Conc: 390.80 ng/ml



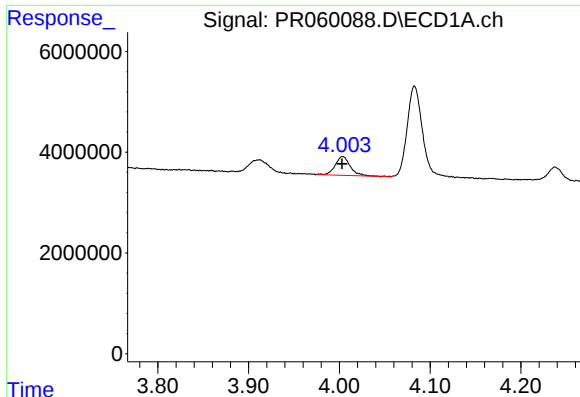
#8 AR-1221-1

R.T.: 3.911 min
Delta R.T.: -0.003 min
Response: 3953215
Conc: 98.00 ng/ml



#8 AR-1221-1

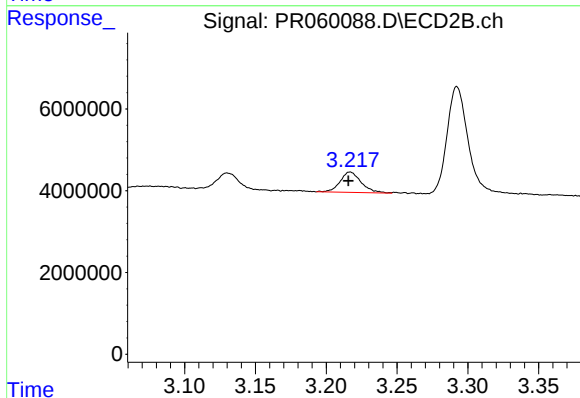
R.T.: 3.130 min
Delta R.T.: 0.000 min
Response: 4188709
Conc: 85.87 ng/ml



#9 AR-1221-2

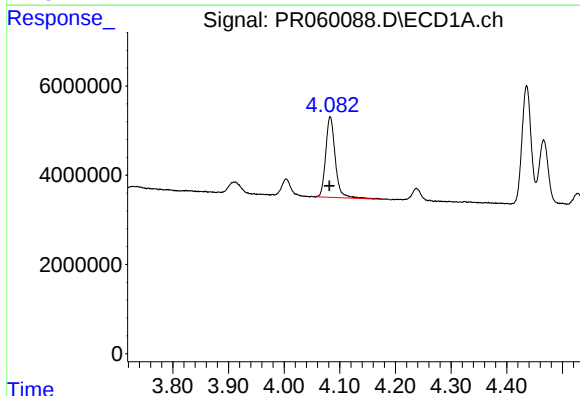
R.T.: 4.004 min
Delta R.T.: 0.000 min
Response: 4317457
Conc: 151.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



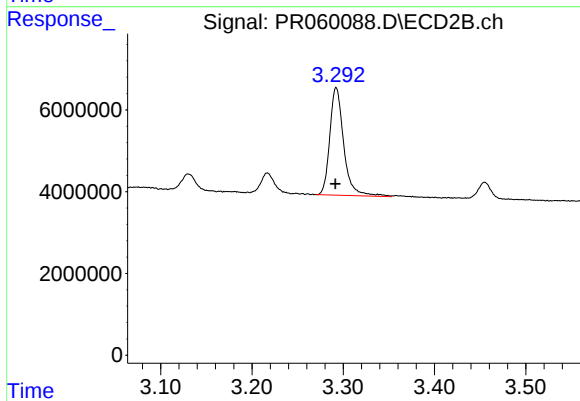
#9 AR-1221-2

R.T.: 3.217 min
Delta R.T.: 0.001 min
Response: 5166973
Conc: 149.71 ng/ml



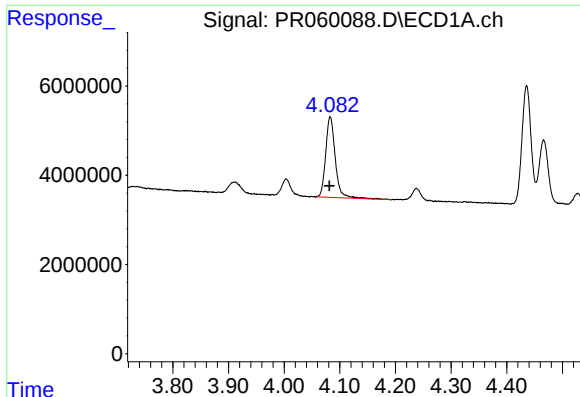
#10 AR-1221-3

R.T.: 4.083 min
Delta R.T.: 0.001 min
Response: 21695410
Conc: 245.55 ng/ml



#10 AR-1221-3

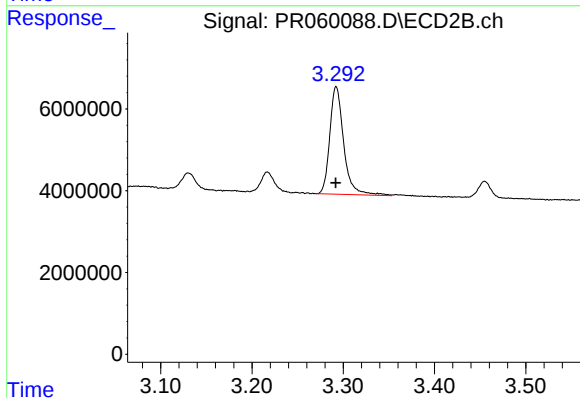
R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 27956911
Conc: 241.16 ng/ml



#11 AR-1232-1

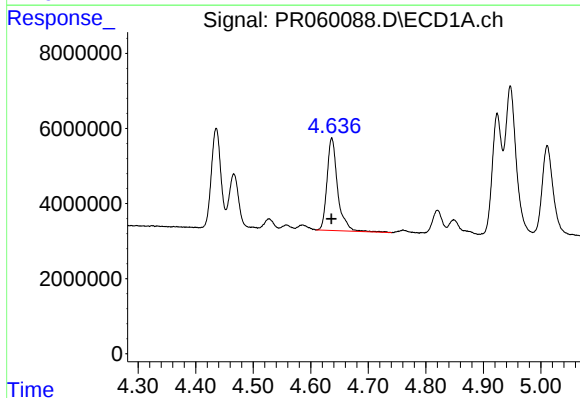
R.T.: 4.083 min
Delta R.T.: 0.001 min
Response: 21695410
Conc: 289.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



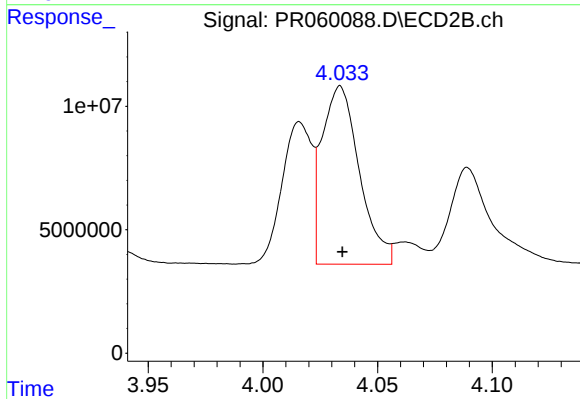
#11 AR-1232-1

R.T.: 3.292 min
Delta R.T.: 0.000 min
Response: 27956911
Conc: 289.94 ng/ml



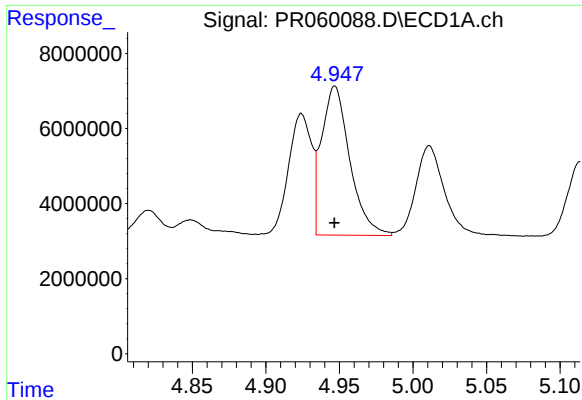
#12 AR-1232-2

R.T.: 4.637 min
Delta R.T.: 0.000 min
Response: 31612403
Conc: 940.12 ng/ml



#12 AR-1232-2

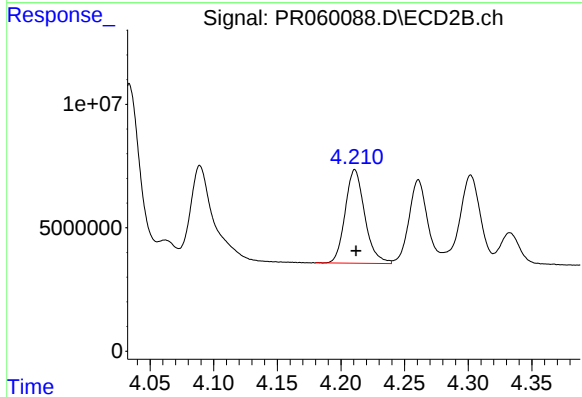
R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 81890313
Conc: 919.02 ng/ml



#13 AR-1232-3

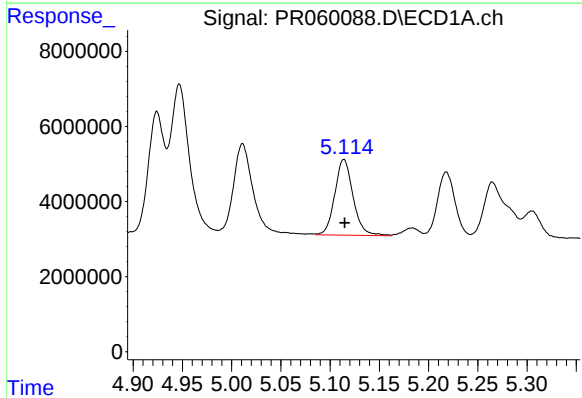
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 53125740
Conc: 861.67 ng/ml

Instrument :
ECD_R
ClientSampleId :



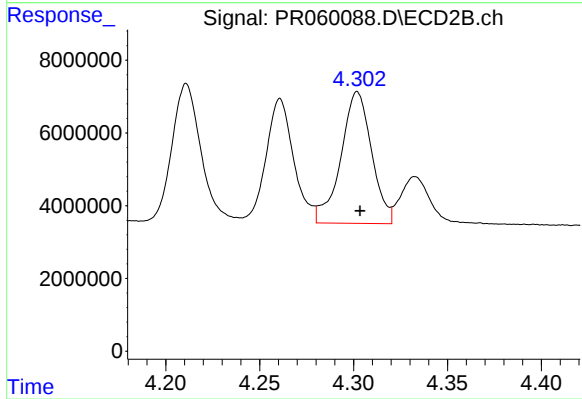
#13 AR-1232-3

R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 40602977
Conc: 907.50 ng/ml



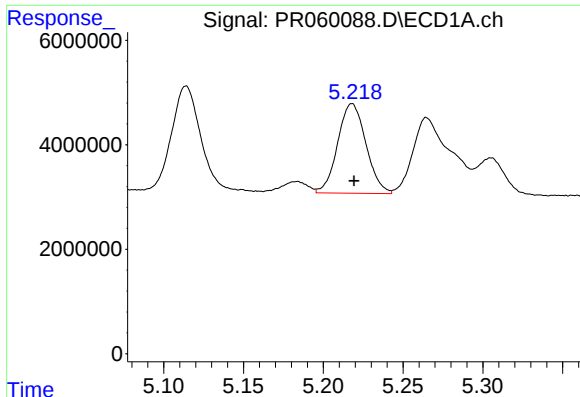
#14 AR-1232-4

R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 26081026
Conc: 845.63 ng/ml



#14 AR-1232-4

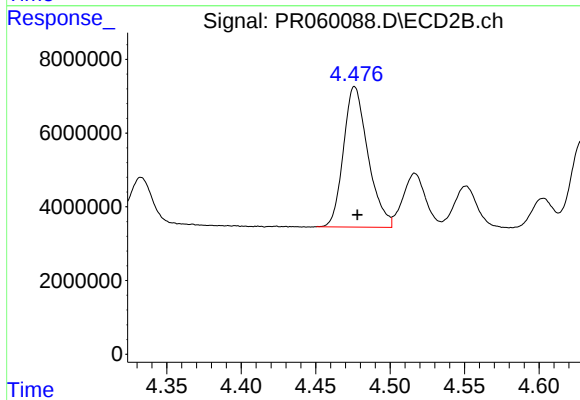
R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 41364880
Conc: 1000.24 ng/ml



#15 AR-1232-5

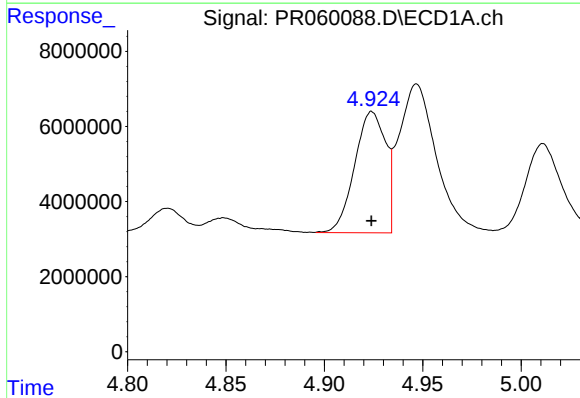
R.T.: 5.218 min
Delta R.T.: -0.001 min
Response: 21179606
Conc: 909.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



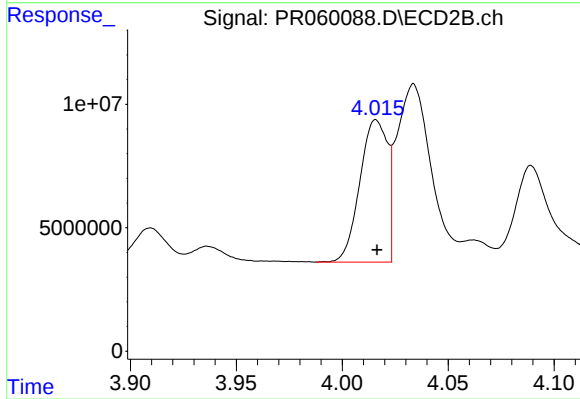
#15 AR-1232-5

R.T.: 4.476 min
Delta R.T.: -0.002 min
Response: 43723738
Conc: 940.93 ng/ml



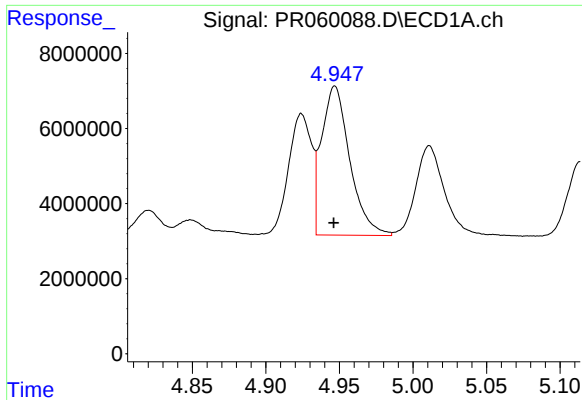
#16 AR-1242-1

R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 35296377
Conc: 449.19 ng/ml



#16 AR-1242-1

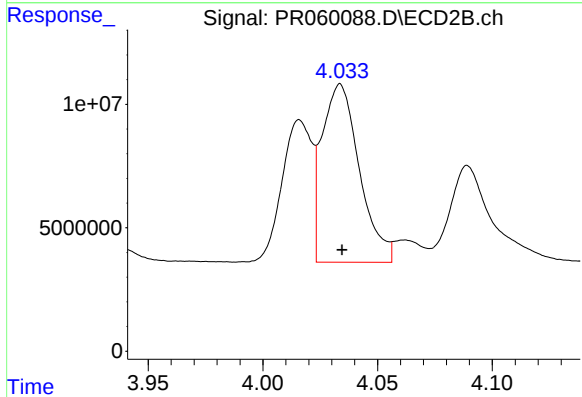
R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 52204637
Conc: 457.39 ng/ml



#17 AR-1242-2

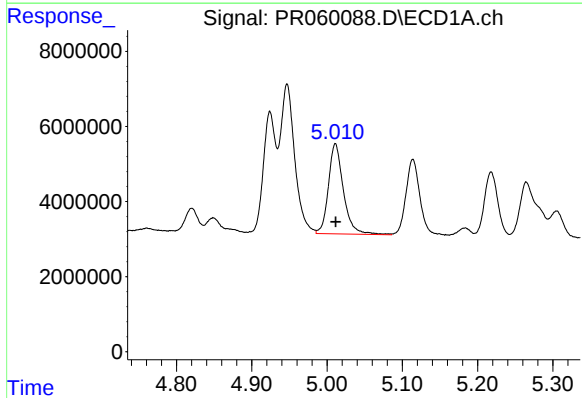
R.T.: 4.947 min
Delta R.T.: 0.000 min
Response: 53125740
Conc: 473.78 ng/ml

Instrument :
ECD_R
ClientSampleId :



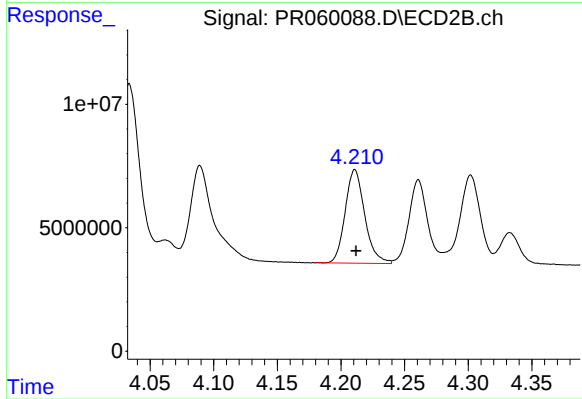
#17 AR-1242-2

R.T.: 4.034 min
Delta R.T.: 0.000 min
Response: 81890313
Conc: 489.44 ng/ml



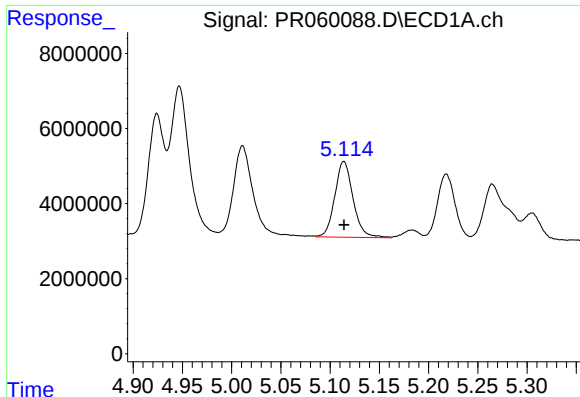
#18 AR-1242-3

R.T.: 5.011 min
Delta R.T.: 0.000 min
Response: 33270354
Conc: 458.00 ng/ml



#18 AR-1242-3

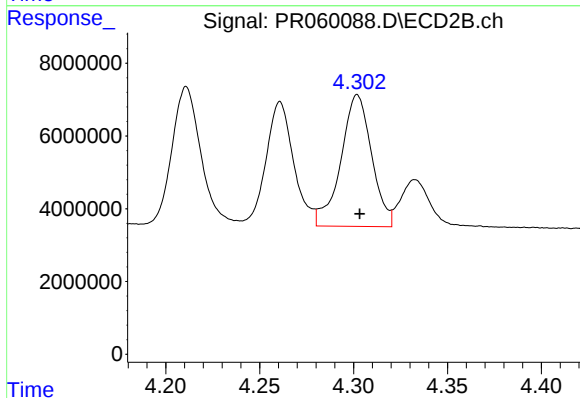
R.T.: 4.211 min
Delta R.T.: 0.000 min
Response: 40602977
Conc: 469.38 ng/ml



#19 AR-1242-4

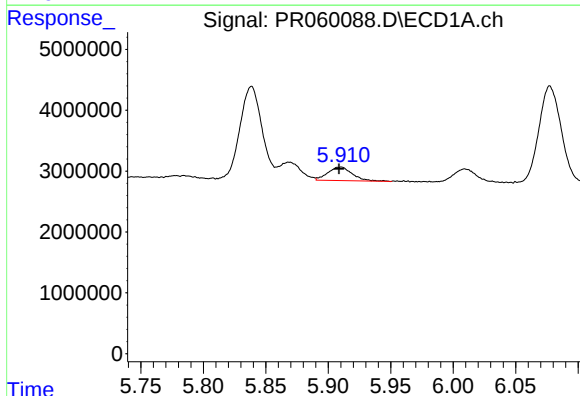
R.T.: 5.114 min
Delta R.T.: 0.000 min
Response: 26081026
Conc: 453.13 ng/ml

Instrument :
ECD_R
ClientSampleId :



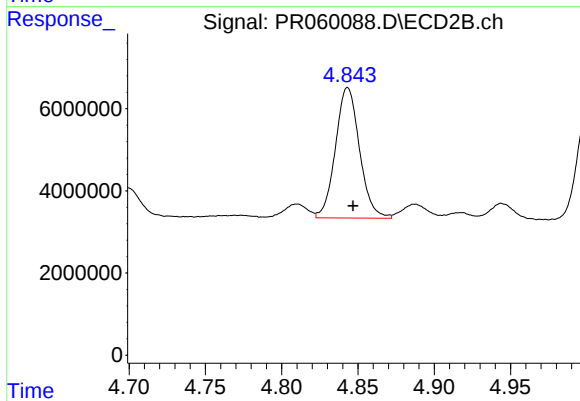
#19 AR-1242-4

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 41364880
Conc: 482.62 ng/ml



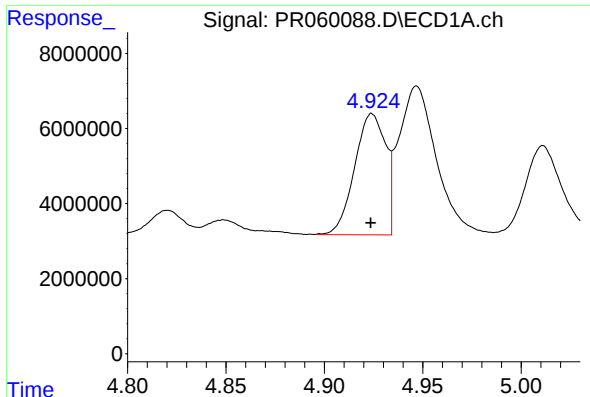
#20 AR-1242-5

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2946914
Conc: 54.53 ng/ml



#20 AR-1242-5

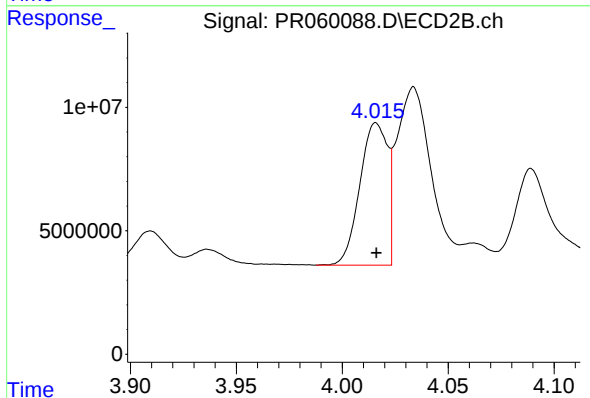
R.T.: 4.843 min
Delta R.T.: -0.004 min
Response: 34833129
Conc: 337.32 ng/ml



#21 AR-1248-1

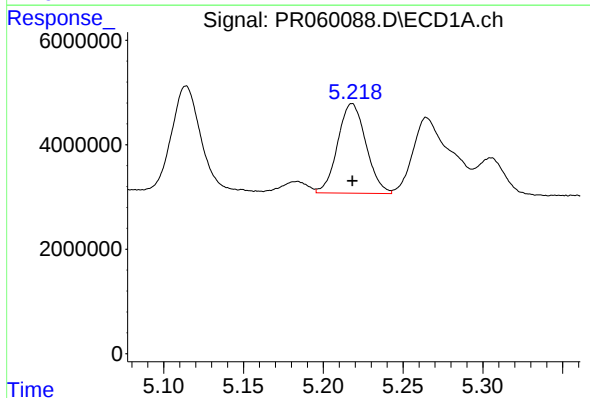
R.T.: 4.924 min
Delta R.T.: 0.000 min
Response: 35296377
Conc: 582.46 ng/ml

Instrument :
ECD_R
ClientSampleId :



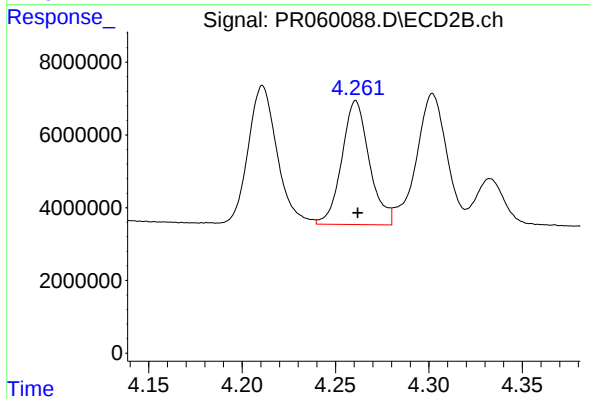
#21 AR-1248-1

R.T.: 4.016 min
Delta R.T.: 0.000 min
Response: 52204637
Conc: 599.78 ng/ml



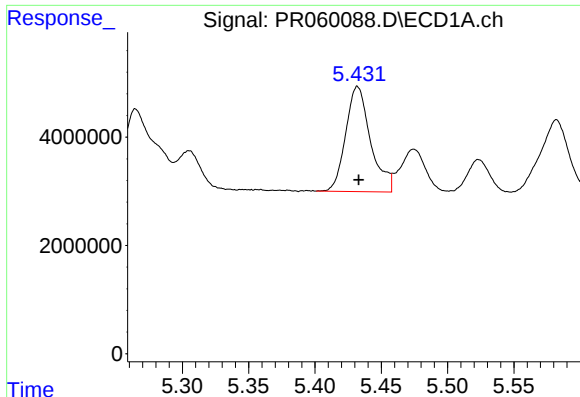
#22 AR-1248-2

R.T.: 5.218 min
Delta R.T.: 0.000 min
Response: 21179606
Conc: 260.85 ng/ml



#22 AR-1248-2

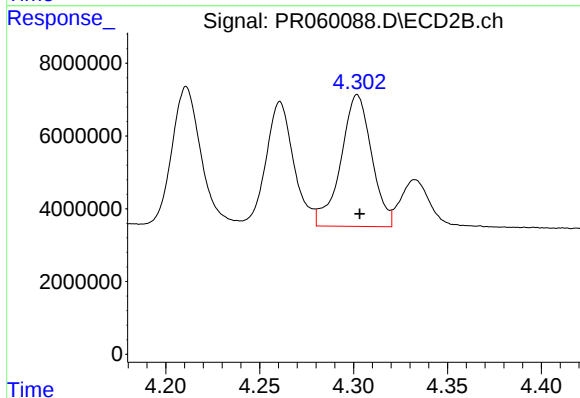
R.T.: 4.261 min
Delta R.T.: -0.001 min
Response: 34940096
Conc: 270.67 ng/ml



#23 AR-1248-3

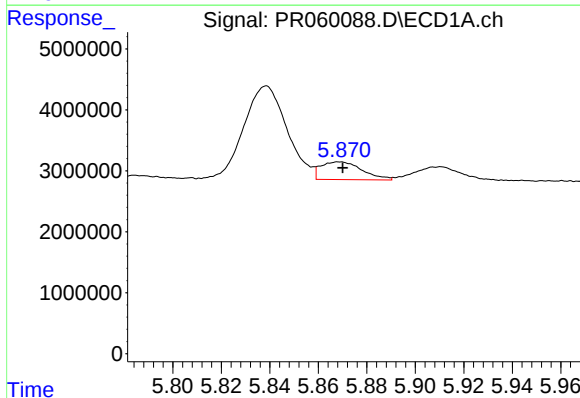
R.T.: 5.432 min
Delta R.T.: 0.000 min
Response: 25349962
Conc: 269.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



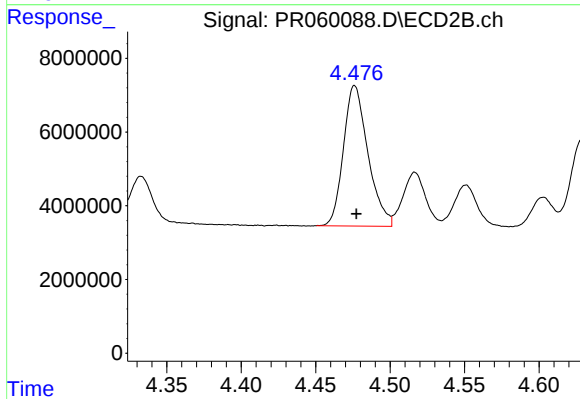
#23 AR-1248-3

R.T.: 4.302 min
Delta R.T.: -0.001 min
Response: 41364880
Conc: 318.18 ng/ml



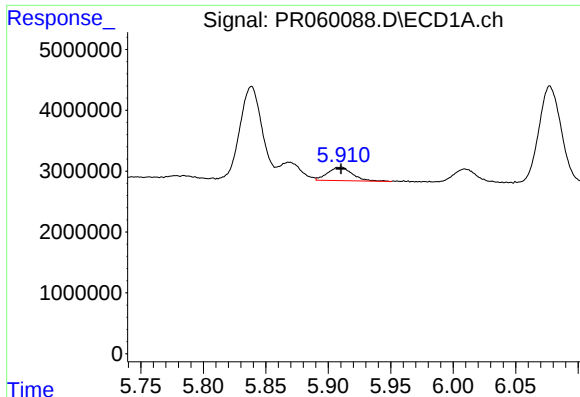
#24 AR-1248-4

R.T.: 5.869 min
Delta R.T.: -0.001 min
Response: 3427845
Conc: 35.67 ng/ml



#24 AR-1248-4

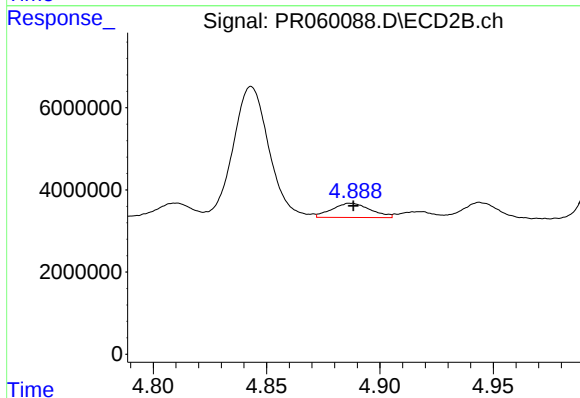
R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 43723738
Conc: 277.09 ng/ml



#25 AR-1248-5

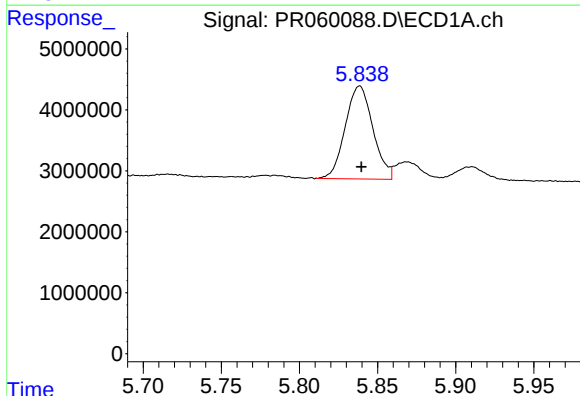
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 2946914
Conc: 31.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



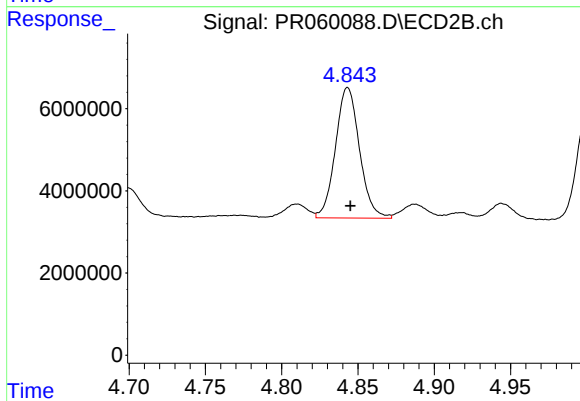
#25 AR-1248-5

R.T.: 4.887 min
Delta R.T.: 0.000 min
Response: 4082549
Conc: 28.65 ng/ml



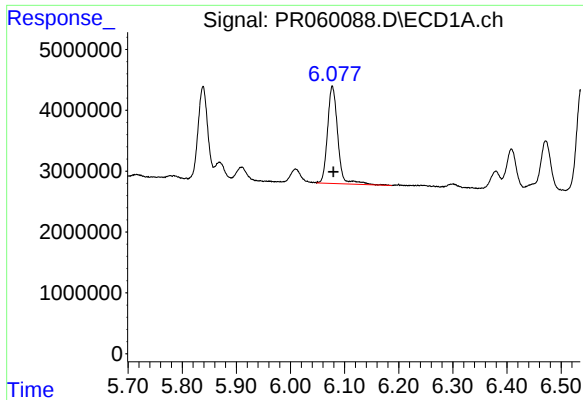
#26 AR-1254-1

R.T.: 5.838 min
Delta R.T.: -0.001 min
Response: 18793360
Conc: 187.49 ng/ml



#26 AR-1254-1

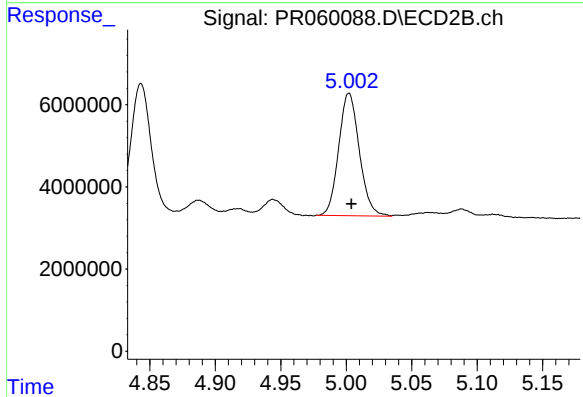
R.T.: 4.843 min
Delta R.T.: -0.002 min
Response: 34833129
Conc: 149.78 ng/ml



#27 AR-1254-2

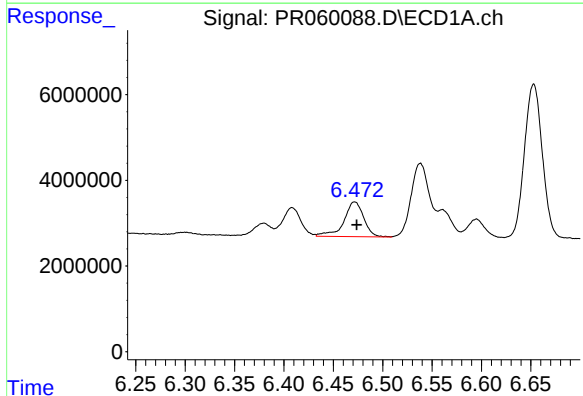
R.T.: 6.078 min
Delta R.T.: -0.001 min
Response: 21084603
Conc: 138.87 ng/ml

Instrument :
ECD_R
ClientSampleId :



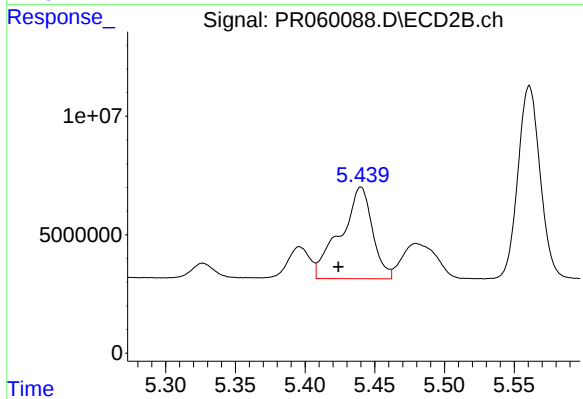
#27 AR-1254-2

R.T.: 5.002 min
Delta R.T.: -0.002 min
Response: 32735210
Conc: 163.04 ng/ml



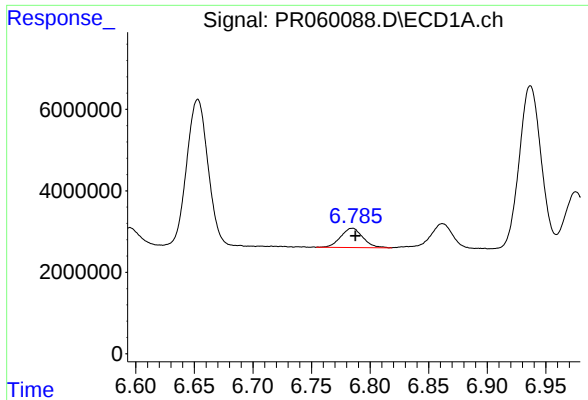
#28 AR-1254-3

R.T.: 6.472 min
Delta R.T.: -0.002 min
Response: 11385694
Conc: 73.27 ng/ml



#28 AR-1254-3

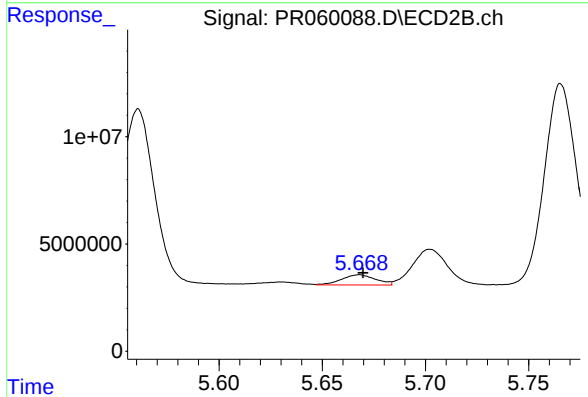
R.T.: 5.440 min
Delta R.T.: 0.016 min
Response: 61453957
Conc: 191.78 ng/ml



#29 AR-1254-4

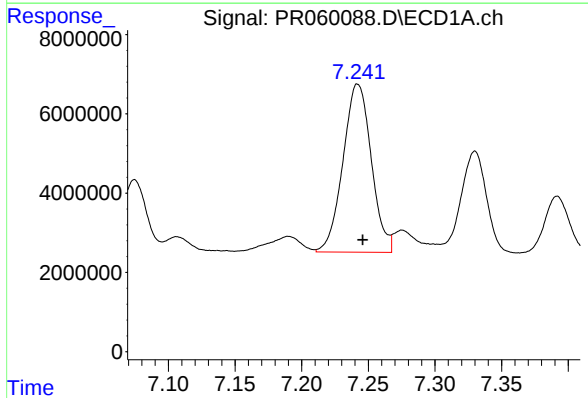
R.T.: 6.785 min
Delta R.T.: -0.003 min
Response: 6267287
Conc: 56.88 ng/ml

Instrument :
ECD_R
ClientSampleId :



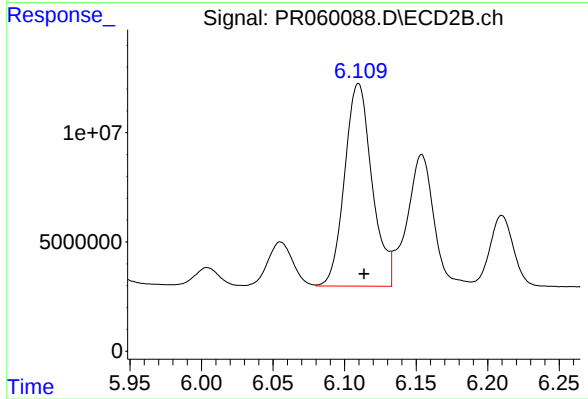
#29 AR-1254-4

R.T.: 5.668 min
Delta R.T.: -0.002 min
Response: 5420651
Conc: 30.22 ng/ml



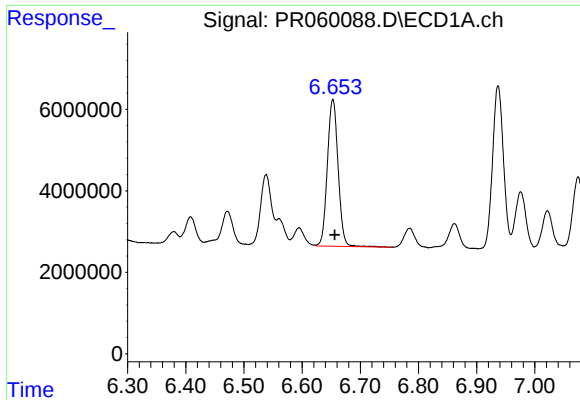
#30 AR-1254-5

R.T.: 7.242 min
Delta R.T.: -0.004 min
Response: 62809351
Conc: 511.97 ng/ml



#30 AR-1254-5

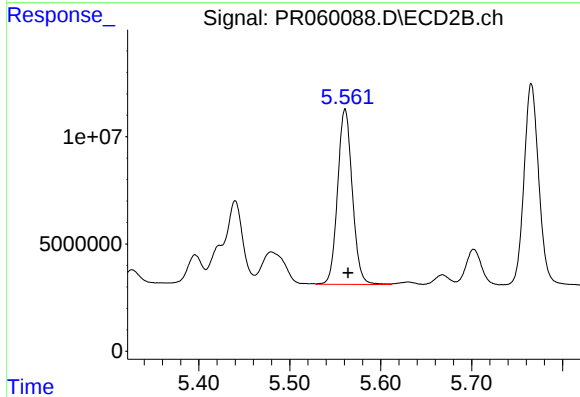
R.T.: 6.110 min
Delta R.T.: -0.004 min
Response: 123578065
Conc: 446.89 ng/ml



#31 AR-1260-1

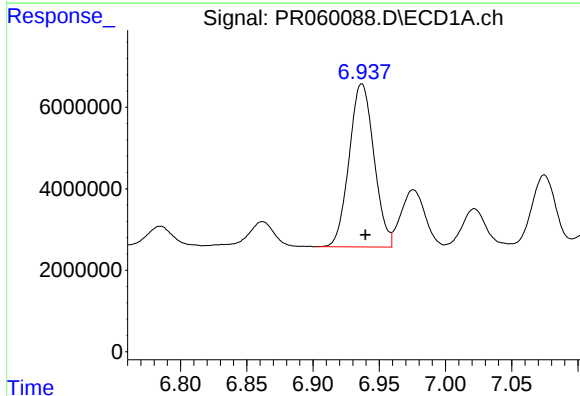
R.T.: 6.653 min
Delta R.T.: -0.003 min
Response: 46287719
Conc: 376.26 ng/ml

Instrument :
ECD_R
ClientSampleId :



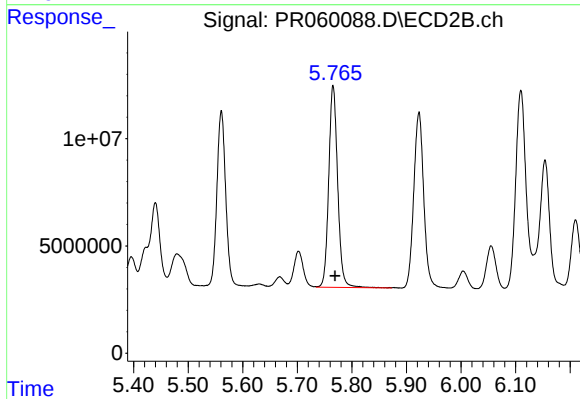
#31 AR-1260-1

R.T.: 5.561 min
Delta R.T.: -0.003 min
Response: 91852116
Conc: 401.63 ng/ml



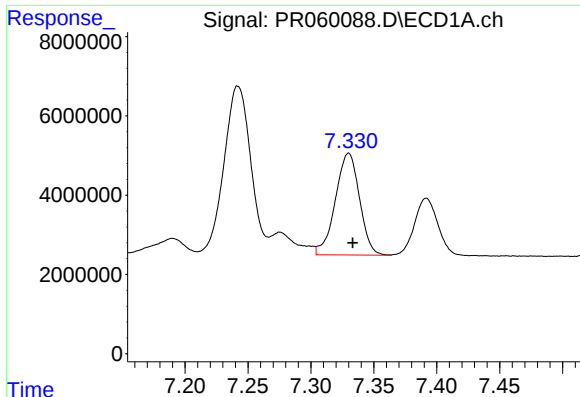
#32 AR-1260-2

R.T.: 6.937 min
Delta R.T.: -0.003 min
Response: 52235019
Conc: 371.81 ng/ml



#32 AR-1260-2

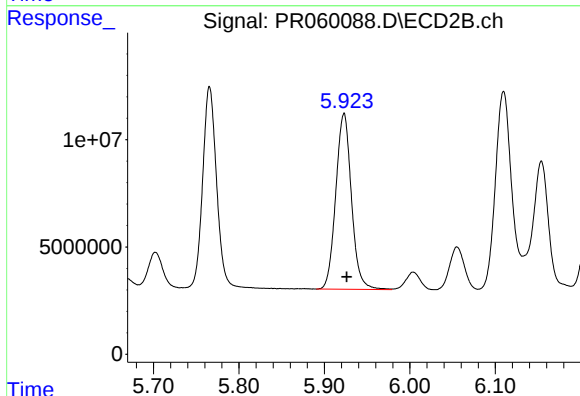
R.T.: 5.766 min
Delta R.T.: -0.004 min
Response: 107213843
Conc: 398.58 ng/ml



#33 AR-1260-3

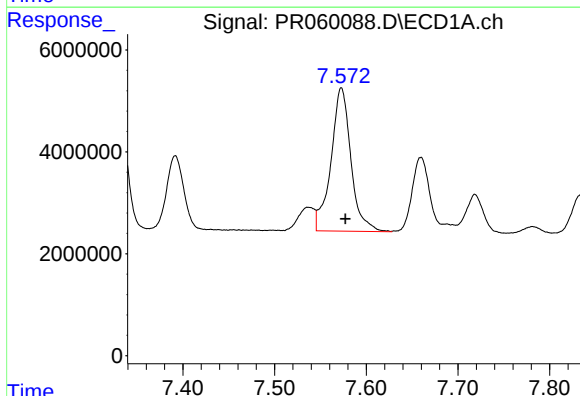
R.T.: 7.330 min
Delta R.T.: -0.003 min
Response: 34274537
Conc: 316.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



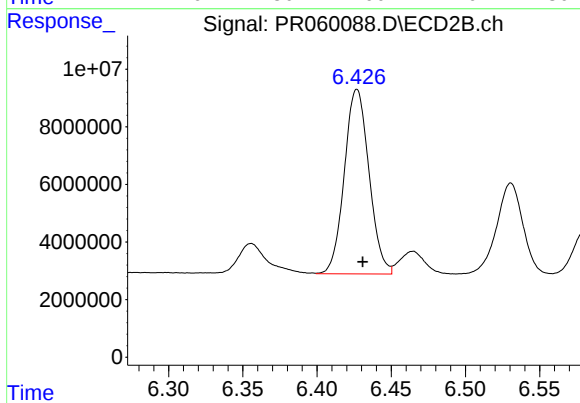
#33 AR-1260-3

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 104474010
Conc: 412.43 ng/ml



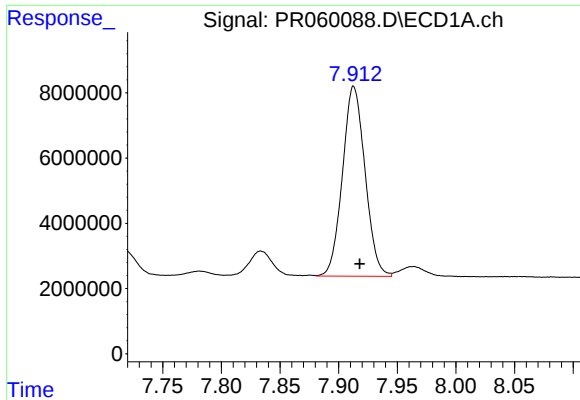
#34 AR-1260-4

R.T.: 7.573 min
Delta R.T.: -0.004 min
Response: 42559750
Conc: 345.01 ng/ml



#34 AR-1260-4

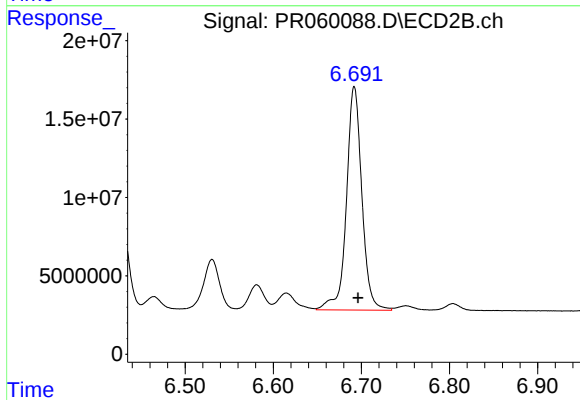
R.T.: 6.427 min
Delta R.T.: -0.004 min
Response: 74338521
Conc: 353.43 ng/ml



#35 AR-1260-5

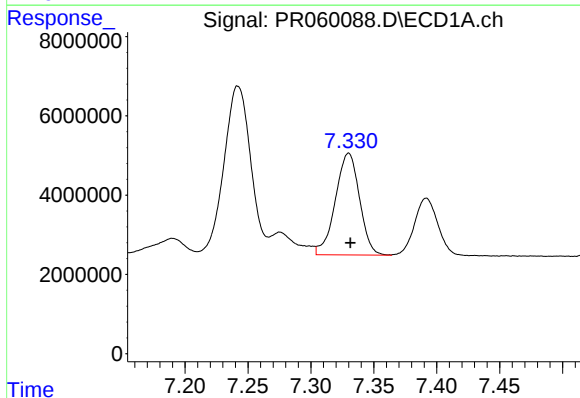
R.T.: 7.913 min
Delta R.T.: -0.005 min
Response: 78018225
Conc: 339.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



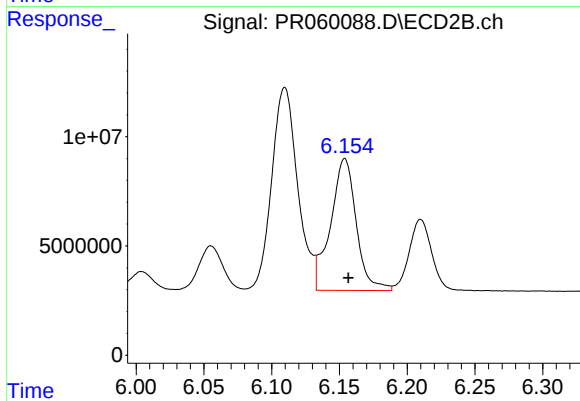
#35 AR-1260-5

R.T.: 6.692 min
Delta R.T.: -0.004 min
Response: 173470880
Conc: 364.97 ng/ml



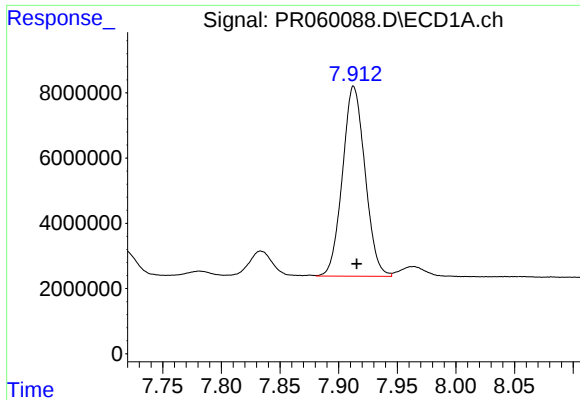
#36 AR-1262-1

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 34274537
Conc: 223.17 ng/ml



#36 AR-1262-1

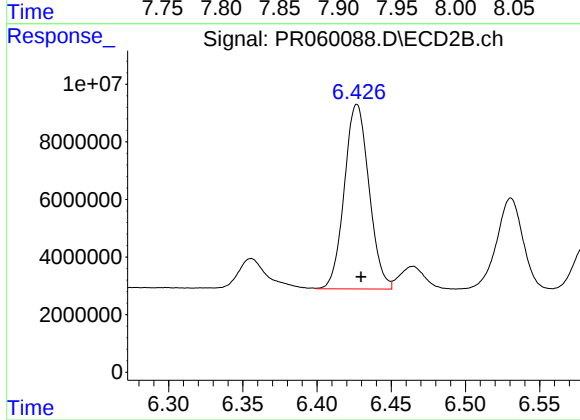
R.T.: 6.154 min
Delta R.T.: -0.003 min
Response: 79821303
Conc: 261.18 ng/ml



#37 AR-1262-2

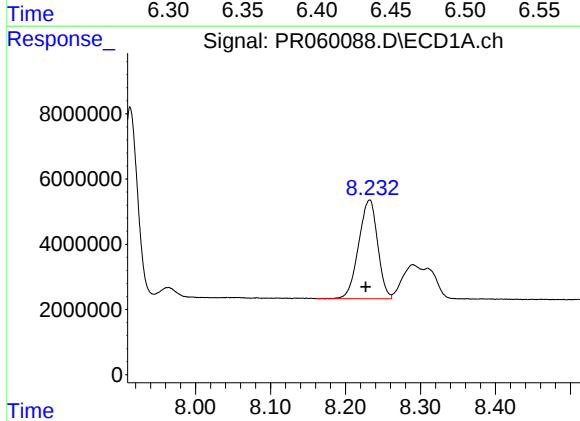
R.T.: 7.913 min
Delta R.T.: -0.002 min
Response: 78018225
Conc: 300.72 ng/ml

Instrument :
ECD_R
ClientSampleId :



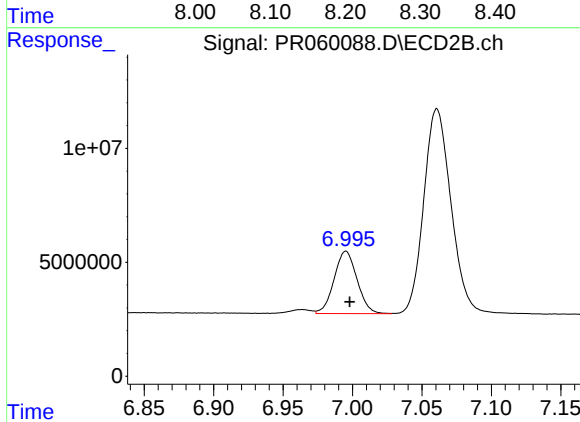
#37 AR-1262-2

R.T.: 6.427 min
Delta R.T.: -0.003 min
Response: 74338521
Conc: 273.44 ng/ml



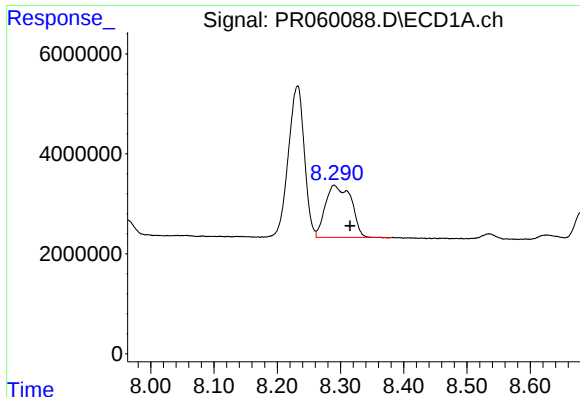
#38 AR-1262-3

R.T.: 8.232 min
Delta R.T.: 0.005 min
Response: 53163487
Conc: 283.04 ng/ml



#38 AR-1262-3

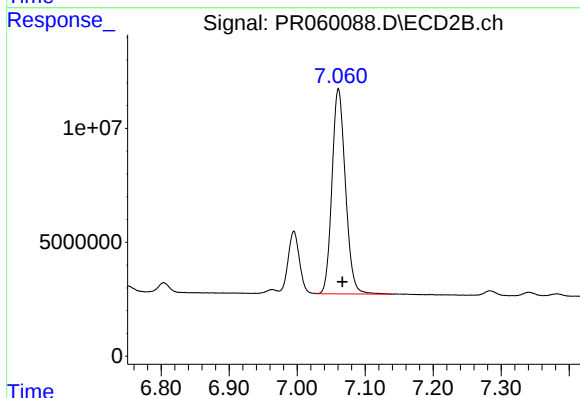
R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 31514502
Conc: 153.67 ng/ml



#39 AR-1262-4

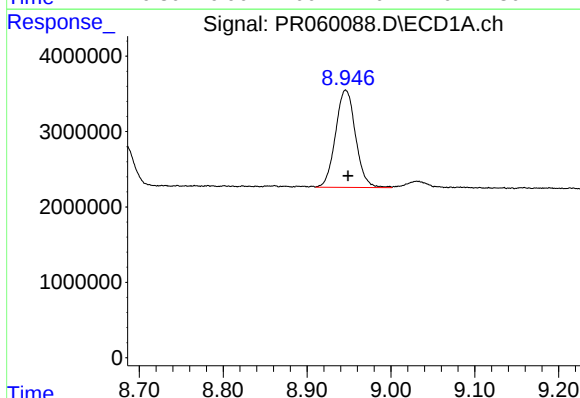
R.T.: 8.290 min
Delta R.T.: -0.025 min
Response: 29543316
Conc: 203.65 ng/ml

Instrument :
ECD_R
ClientSampleId :



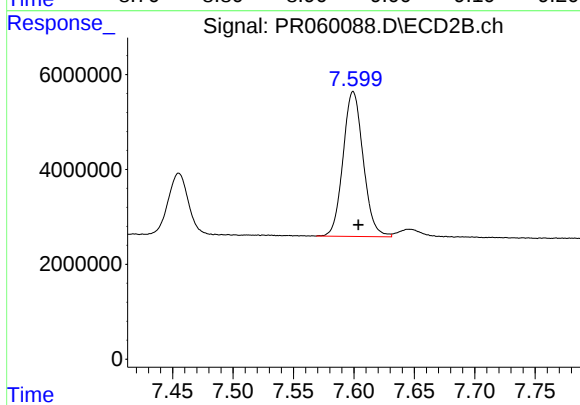
#39 AR-1262-4

R.T.: 7.061 min
Delta R.T.: -0.006 min
Response: 123634901
Conc: 322.57 ng/ml



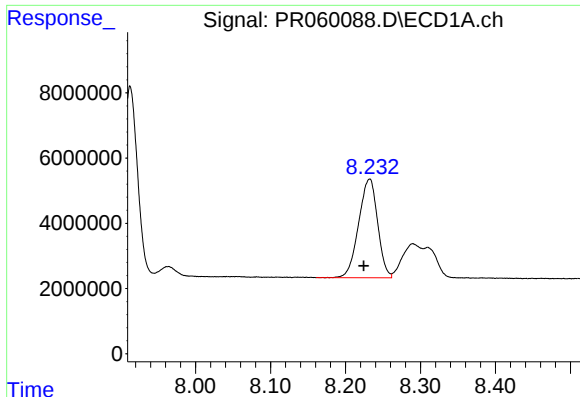
#40 AR-1262-5

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 21410391
Conc: 203.49 ng/ml



#40 AR-1262-5

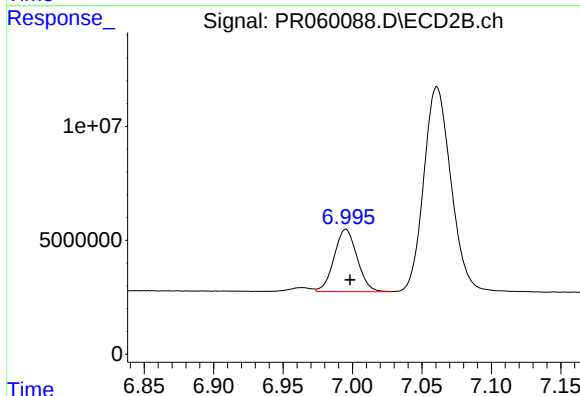
R.T.: 7.599 min
Delta R.T.: -0.004 min
Response: 35466534
Conc: 209.58 ng/ml



#41 AR-1268-1

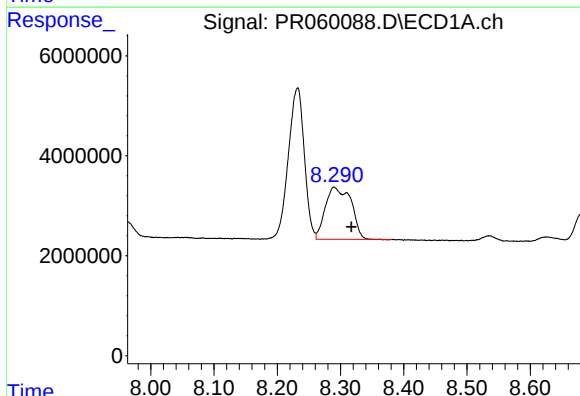
R.T.: 8.232 min
Delta R.T.: 0.007 min
Response: 53163487
Conc: 120.23 ng/ml

Instrument :
ECD_R
ClientSampleId :



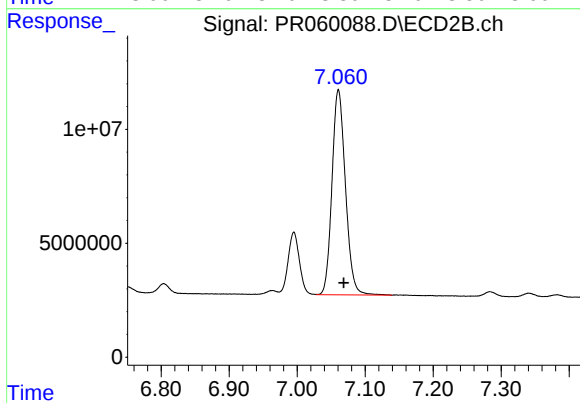
#41 AR-1268-1

R.T.: 6.995 min
Delta R.T.: -0.003 min
Response: 31514502
Conc: 35.87 ng/ml



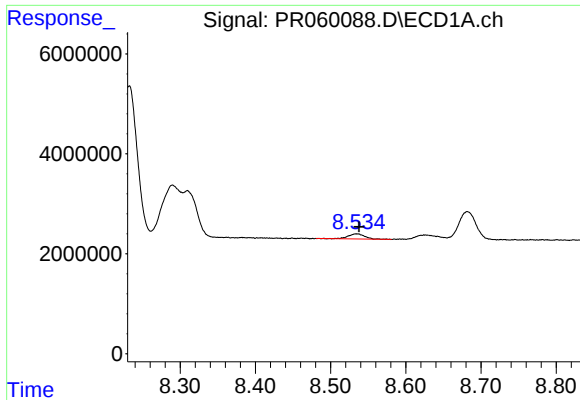
#42 AR-1268-2

R.T.: 8.290 min
Delta R.T.: -0.027 min
Response: 29543316
Conc: 73.87 ng/ml



#42 AR-1268-2

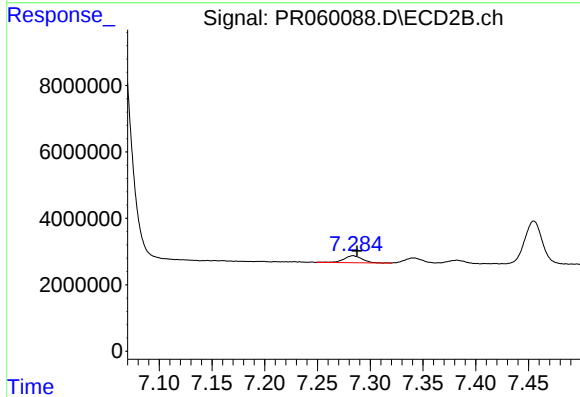
R.T.: 7.061 min
Delta R.T.: -0.008 min
Response: 123634901
Conc: 156.75 ng/ml



#43 AR-1268-3

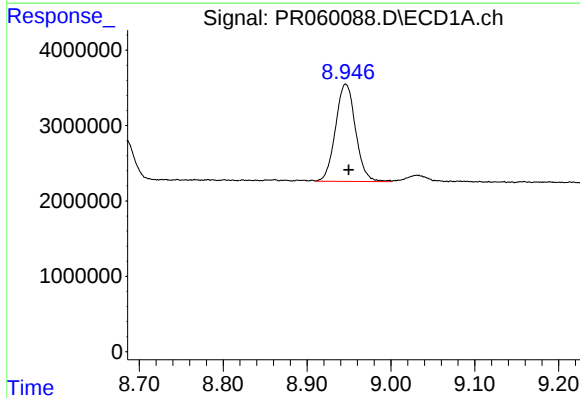
R.T.: 8.535 min
Delta R.T.: -0.003 min
Response: 1622452
Conc: 4.50 ng/ml

Instrument :
ECD_R
ClientSampleId :



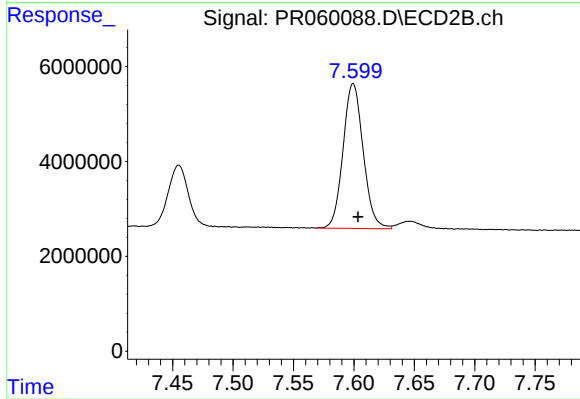
#43 AR-1268-3

R.T.: 7.284 min
Delta R.T.: -0.004 min
Response: 2534862
Conc: 3.65 ng/ml



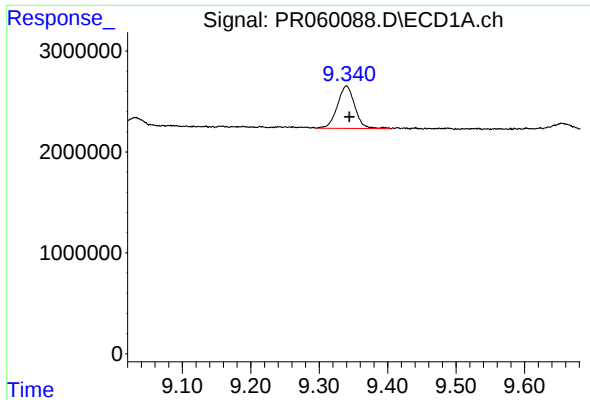
#44 AR-1268-4

R.T.: 8.946 min
Delta R.T.: -0.003 min
Response: 21410391
Conc: 135.76 ng/ml



#44 AR-1268-4

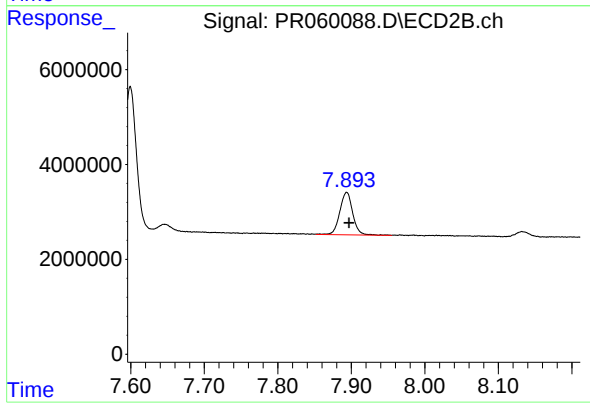
R.T.: 7.599 min
Delta R.T.: -0.004 min
Response: 35466534
Conc: 133.82 ng/ml



#45 AR-1268-5

R.T.: 9.340 min
Delta R.T.: -0.004 min
Response: 7430857
Conc: 6.45 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 7.894 min
Delta R.T.: -0.003 min
Response: 10914504
Conc: 5.21 ng/ml