

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110219\
 Data File : PR042788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 23:08
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660392

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 01:11:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 2019
 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...	4.709	3.970	121.0E6	412.4E6	21.557	21.349
2)	SA Decachlor...	10.623	9.069	130.8E6	417.0E6	36.329	37.075
Target Compounds							
3)	L1 AR-1016-1	5.887	5.065	76713539	241.1E6	409.231	406.335
4)	L1 AR-1016-2	5.910	5.085	106.8E6	325.9E6	406.326	406.704
5)	L1 AR-1016-3	5.973	5.263	63483606	155.6E6	405.781	409.685
6)	L1 AR-1016-4	6.073	5.303	52455917	114.4E6	402.898	407.087
7)	L1 AR-1016-5	6.368	5.519	51586163	129.7E6	399.515	408.934
8)	L2 AR-1221-1	4.912	4.180	6756949	24221352	124.821	124.168
9)	L2 AR-1221-2	5.006	4.269	8873963	32788804	231.083	244.417
10)	L2 AR-1221-3	5.084	4.346	36895757	134.6E6	289.191	295.138
11)	L3 AR-1232-1	5.084	4.346	36895757	134.6E6	334.064	341.044
12)	L3 AR-1232-2	5.619	5.085	51799041	325.9E6	908.016	884.171
13)	L3 AR-1232-3	5.910	5.263	106.8E6	155.6E6	931.047	900.188
14)	L3 AR-1232-4	6.073	5.346	52455917	133.9E6	921.004	1002.043
15)	L3 AR-1232-5	6.160	5.519	46324623	129.7E6	1079.979	951.575
16)	L4 AR-1242-1	5.887	5.065	76713539	241.1E6	523.049	526.560
17)	L4 AR-1242-2	5.910	5.085	106.8E6	325.9E6	525.414	532.129
18)	L4 AR-1242-3	5.973	5.263	63483606	155.6E6	516.081	532.666
19)	L4 AR-1242-4	6.073	5.346	52455917	133.9E6	515.909	531.240
20)	L4 AR-1242-5	6.812	5.873	7286652	97258922	67.405	327.299 #
21)	L5 AR-1248-1	5.887	5.065	76713539	241.1E6	668.784	647.628
22)	L5 AR-1248-2	6.160	5.303	46324623	114.4E6	295.005	297.740
23)	L5 AR-1248-3	6.368	5.346	51586163	133.9E6	294.954	354.119
24)	L5 AR-1248-4	6.772	5.519	8146343	129.7E6	41.104	311.312 #
25)	L5 AR-1248-5	6.812	5.914	7286652	19928433	39.051	45.234
26)	L6 AR-1254-1	6.745	5.873	34078224	97258922	177.155	155.774
27)	L6 AR-1254-2	6.961	6.019	35859015	92811810	121.588	165.230 #
28)	L6 AR-1254-3	7.333	6.441	20465897	222.7E6	66.408	227.980 #
29)	L6 AR-1254-4	7.618	6.654	13925556	29770716	61.644	41.660 #
30)	L6 AR-1254-5	8.037	7.072	110.7E6	327.1E6	473.872	395.519
31)	L7 AR-1260-1	7.495	6.556	83128366	243.1E6	370.366	371.221
32)	L7 AR-1260-2	7.750	6.743	97078465	338.1E6	365.955	370.253
33)	L7 AR-1260-3	8.111	6.899	70684888	284.7E6	356.473	371.198
34)	L7 AR-1260-4	8.349	7.372	81613974	228.5E6	357.018	361.161
35)	L7 AR-1260-5	8.687	7.612	161.9E6	637.6E6	353.581	360.905
36)	L8 AR-1262-1	8.171	7.072	36447120	327.1E6	319.063	694.102 #
37)	L8 AR-1262-2	8.687	7.612	161.9E6	637.6E6	310.888	330.678
38)	L8 AR-1262-3	9.038	7.897	100.1E6	139.3E6	300.788	187.877 #
39)	L8 AR-1262-4	9.096	7.961	60958645	417.3E6	248.807	323.311 #
40)	L8 AR-1262-5	9.817	8.476	44223172	155.2E6	261.620	262.787
41)	L9 AR-1268-1	9.038	7.897	100.1E6	139.3E6	171.191	62.895 #
42)	L9 AR-1268-2	9.096	7.961	60958645	417.3E6	115.520	213.740 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR110219\
 Data File : PR042788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Nov 2019 23:08
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

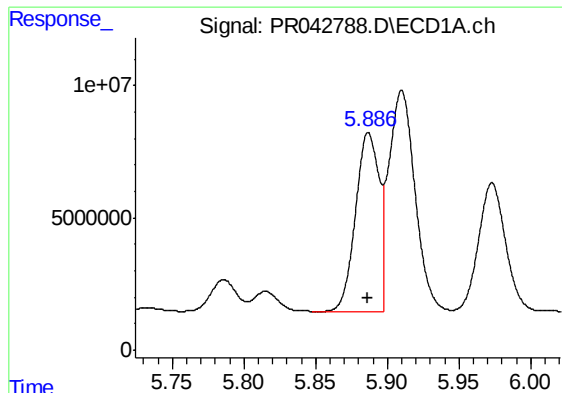
Instrument :
 ECD_R
 ClientSampleId :
 AR1660392

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 02 01:11:05 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR110219CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Nov 02 01:05:46 2019
 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
43) L9	AR-1268-3	0.000	8.174	0	8143161	N.D.	4.912 #
44) L9	AR-1268-4	9.817	8.476	44223172	155.2E6	234.475	233.964
45) L9	AR-1268-5	10.261	8.792	12028541	39250237	8.539	8.334

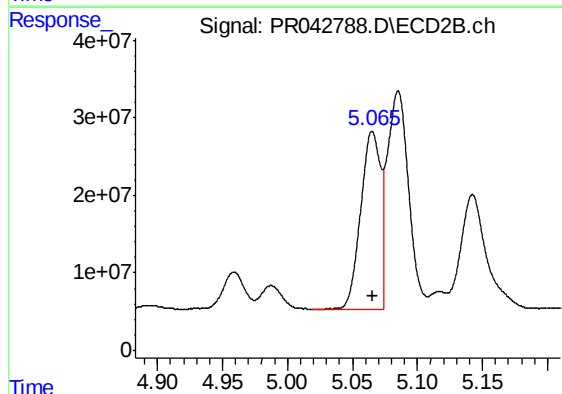
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

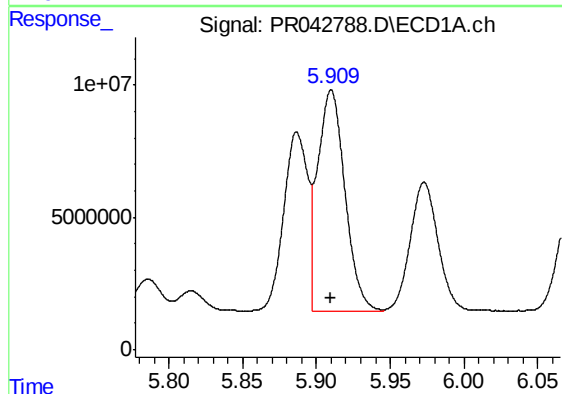
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 76713539
Conc: 409.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



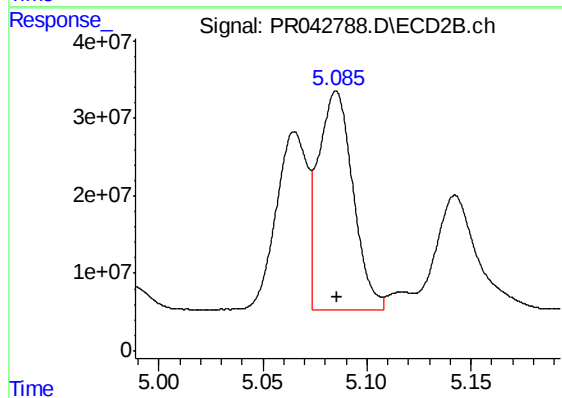
#3 AR-1016-1

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 241148259
Conc: 406.33 ng/ml



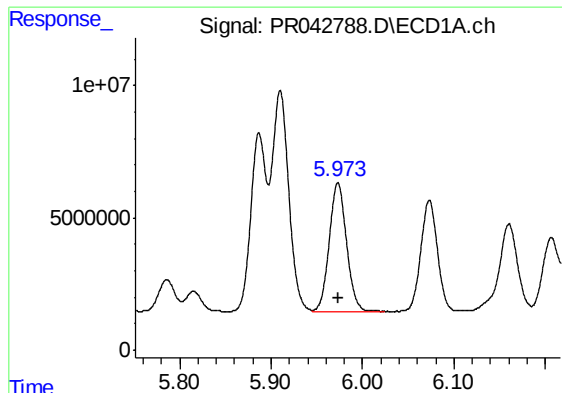
#4 AR-1016-2

R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 106793885
Conc: 406.33 ng/ml



#4 AR-1016-2

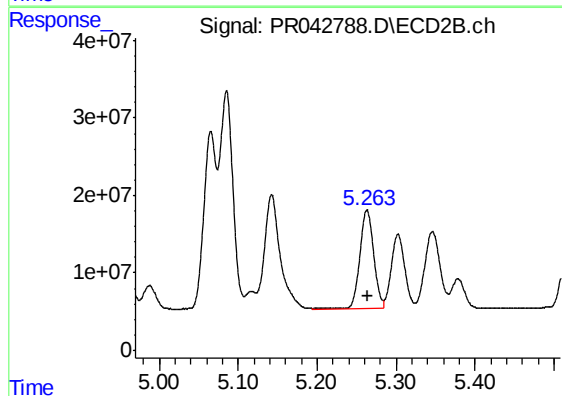
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 325868299
Conc: 406.70 ng/ml



#5 AR-1016-3

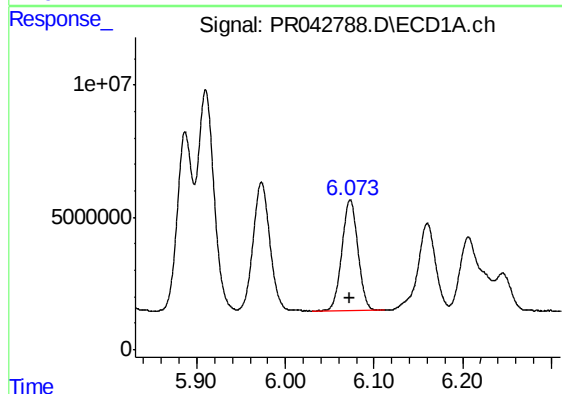
R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 63483606
Conc: 405.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



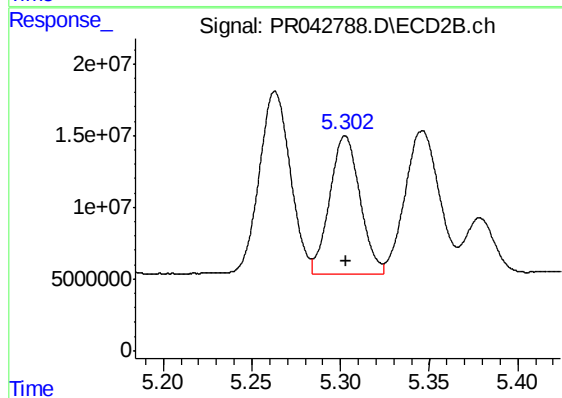
#5 AR-1016-3

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 155558874
Conc: 409.69 ng/ml



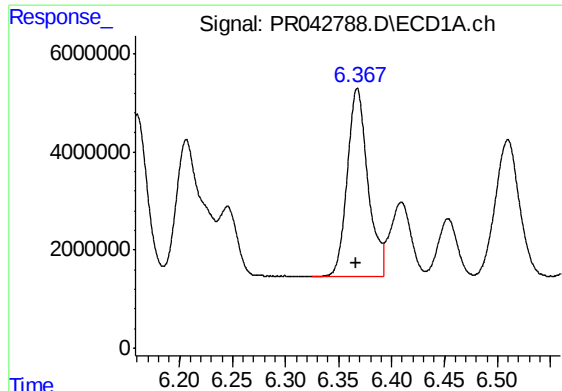
#6 AR-1016-4

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 52455917
Conc: 402.90 ng/ml



#6 AR-1016-4

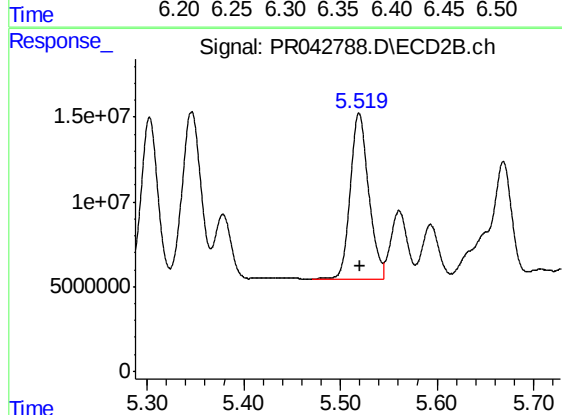
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 114421084
Conc: 407.09 ng/ml



#7 AR-1016-5

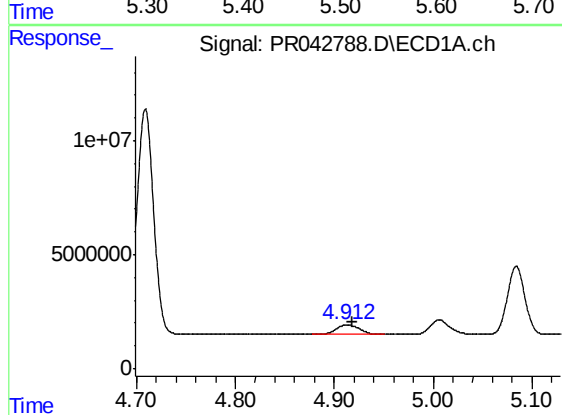
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 51586163
Conc: 399.51 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



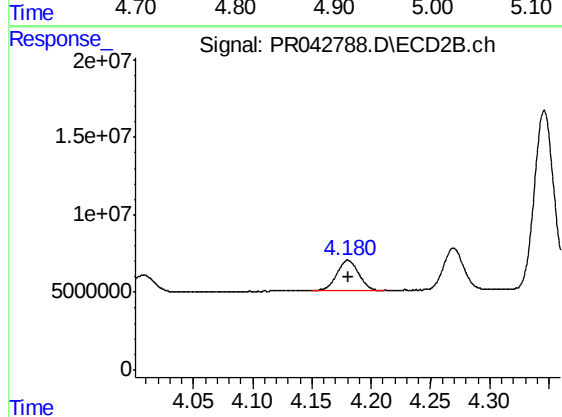
#7 AR-1016-5

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 129675570
Conc: 408.93 ng/ml



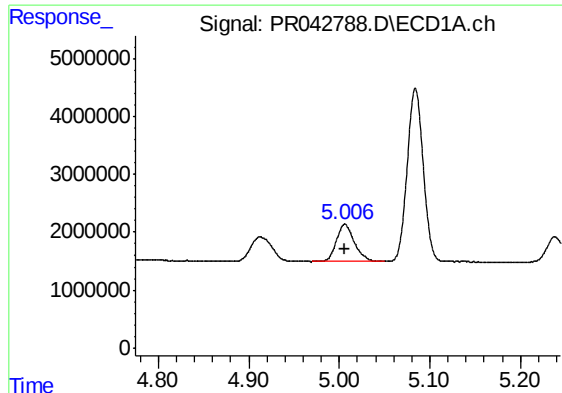
#8 AR-1221-1

R.T.: 4.912 min
Delta R.T.: -0.006 min
Response: 6756949
Conc: 124.82 ng/ml



#8 AR-1221-1

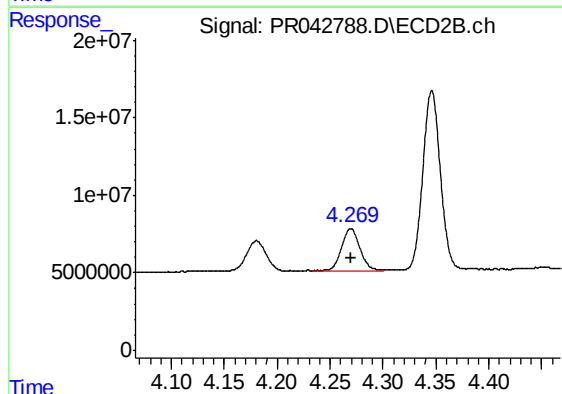
R.T.: 4.180 min
Delta R.T.: 0.000 min
Response: 24221352
Conc: 124.17 ng/ml



#9 AR-1221-2

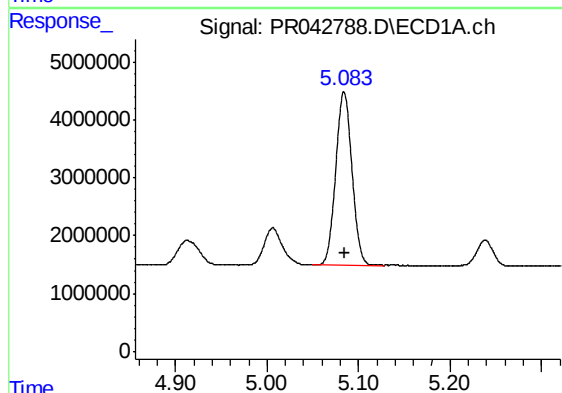
R.T.: 5.006 min
Delta R.T.: 0.000 min
Response: 8873963
Conc: 231.08 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



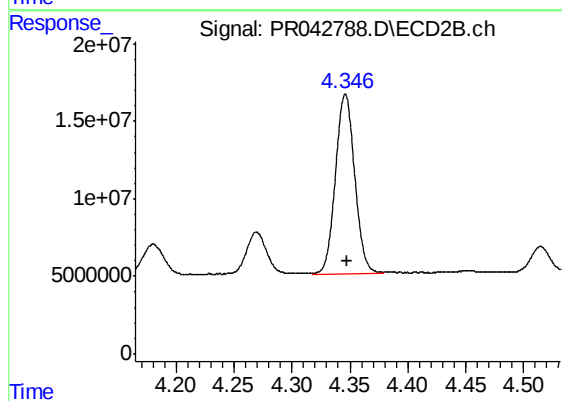
#9 AR-1221-2

R.T.: 4.269 min
Delta R.T.: 0.000 min
Response: 32788804
Conc: 244.42 ng/ml



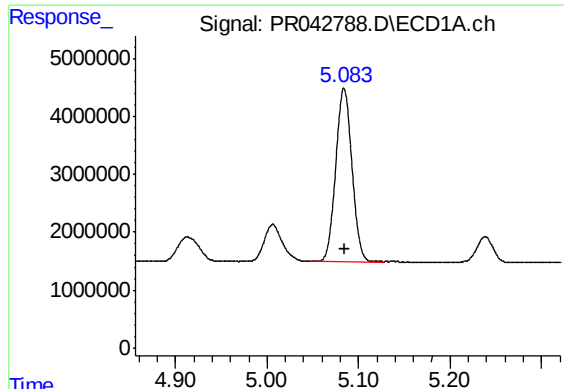
#10 AR-1221-3

R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 36895757
Conc: 289.19 ng/ml



#10 AR-1221-3

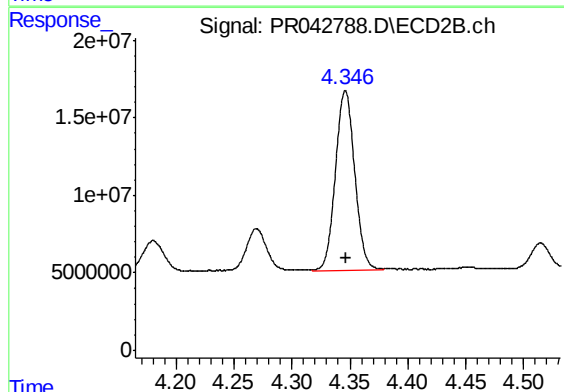
R.T.: 4.346 min
Delta R.T.: -0.001 min
Response: 134612564
Conc: 295.14 ng/ml



#11 AR-1232-1

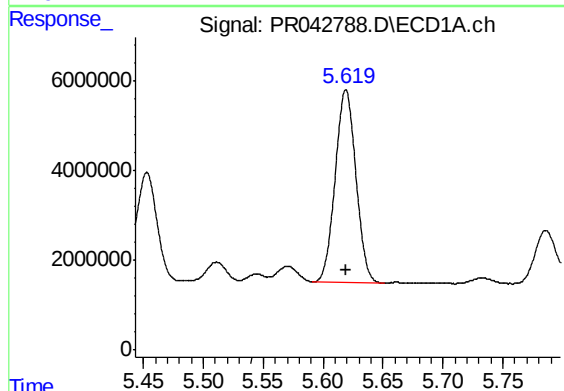
R.T.: 5.084 min
Delta R.T.: 0.000 min
Response: 36895757
Conc: 334.06 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



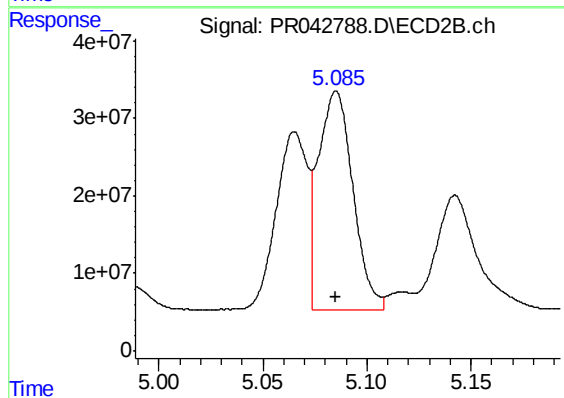
#11 AR-1232-1

R.T.: 4.346 min
Delta R.T.: 0.000 min
Response: 134612564
Conc: 341.04 ng/ml



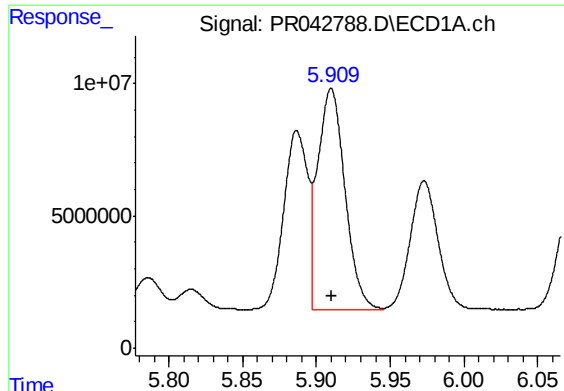
#12 AR-1232-2

R.T.: 5.619 min
Delta R.T.: 0.000 min
Response: 51799041
Conc: 908.02 ng/ml



#12 AR-1232-2

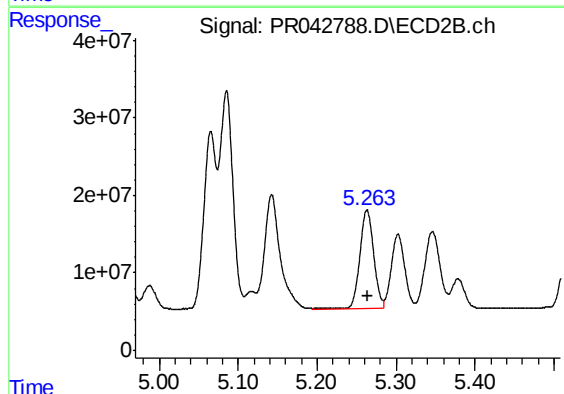
R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 325868299
Conc: 884.17 ng/ml



#13 AR-1232-3

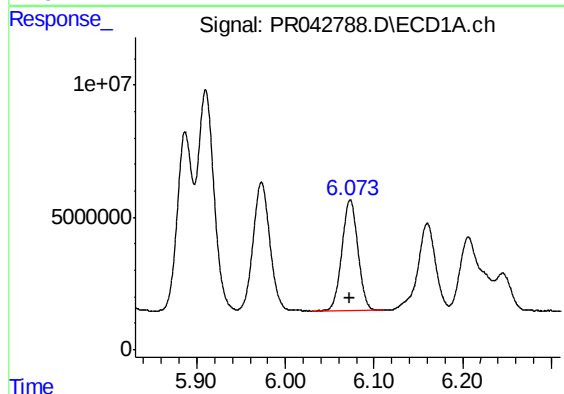
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 106793885
Conc: 931.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



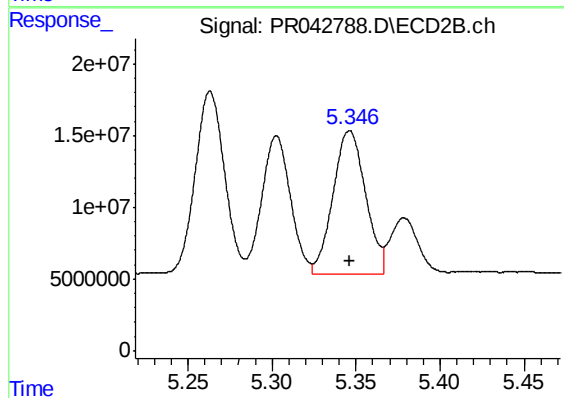
#13 AR-1232-3

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 155558874
Conc: 900.19 ng/ml



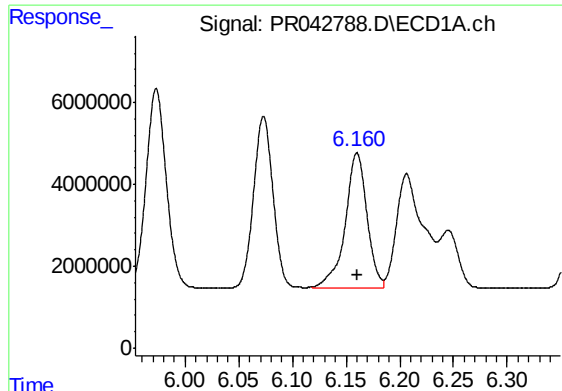
#14 AR-1232-4

R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 52455917
Conc: 921.00 ng/ml



#14 AR-1232-4

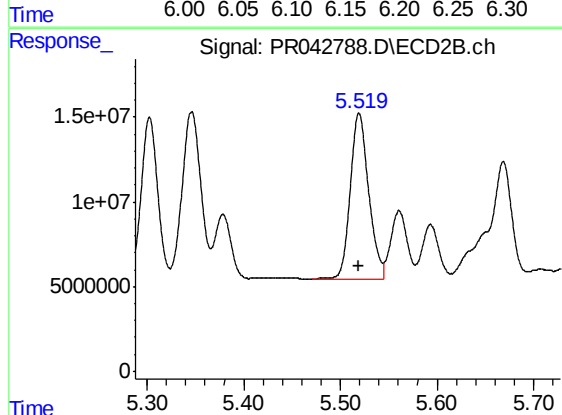
R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 133903249
Conc: 1002.04 ng/ml



#15 AR-1232-5

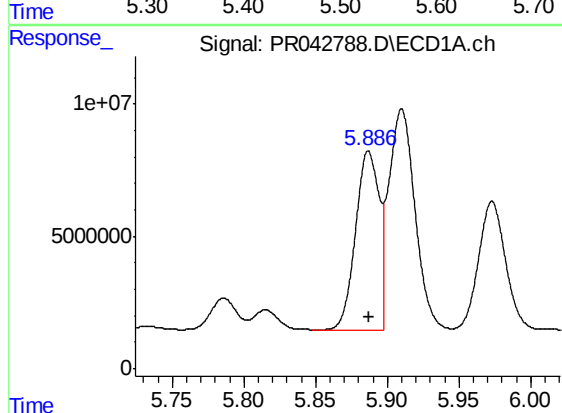
R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 46324623
Conc: 1079.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



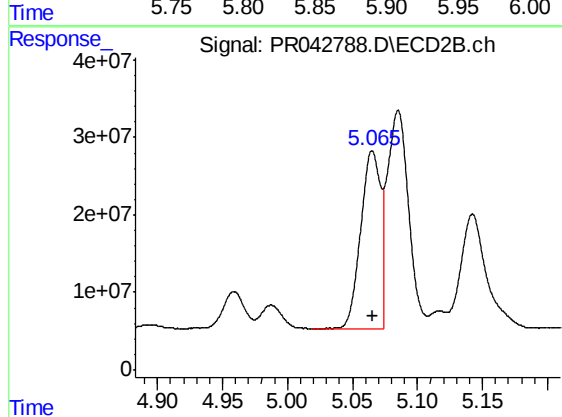
#15 AR-1232-5

R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 129675570
Conc: 951.58 ng/ml



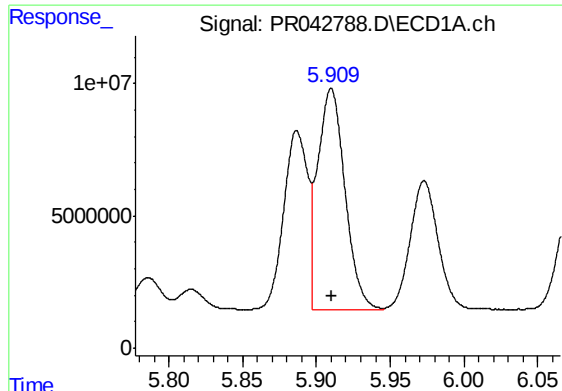
#16 AR-1242-1

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 76713539
Conc: 523.05 ng/ml



#16 AR-1242-1

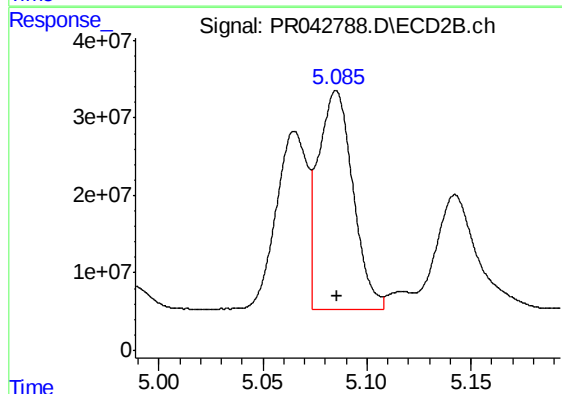
R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 241148259
Conc: 526.56 ng/ml



#17 AR-1242-2

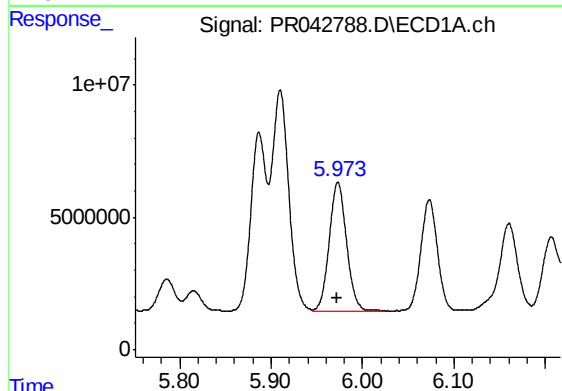
R.T.: 5.910 min
Delta R.T.: 0.000 min
Response: 106793885
Conc: 525.41 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



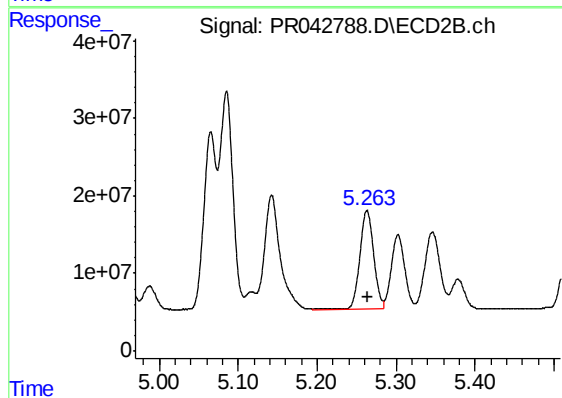
#17 AR-1242-2

R.T.: 5.085 min
Delta R.T.: 0.000 min
Response: 325868299
Conc: 532.13 ng/ml



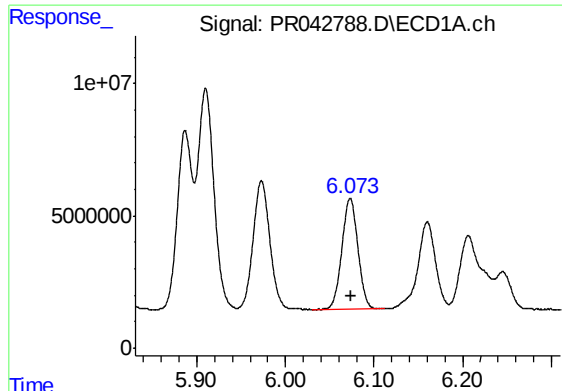
#18 AR-1242-3

R.T.: 5.973 min
Delta R.T.: 0.000 min
Response: 63483606
Conc: 516.08 ng/ml



#18 AR-1242-3

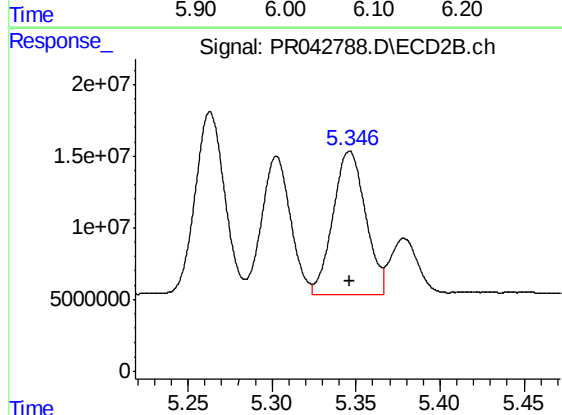
R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 155558874
Conc: 532.67 ng/ml



#19 AR-1242-4

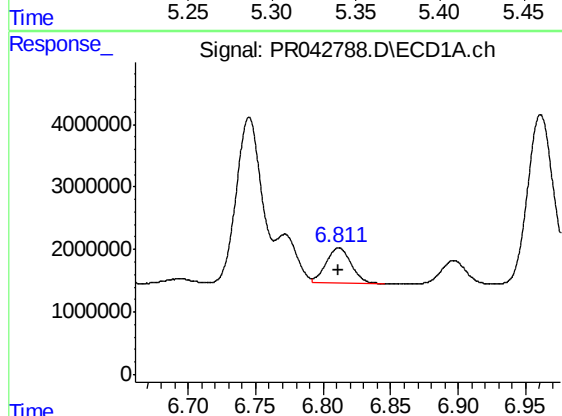
R.T.: 6.073 min
Delta R.T.: 0.000 min
Response: 52455917
Conc: 515.91 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



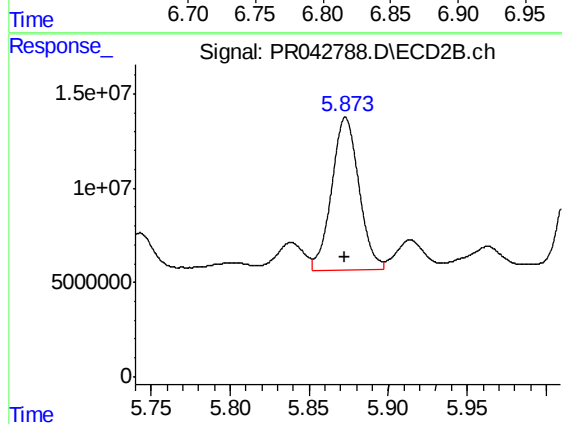
#19 AR-1242-4

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 133903249
Conc: 531.24 ng/ml



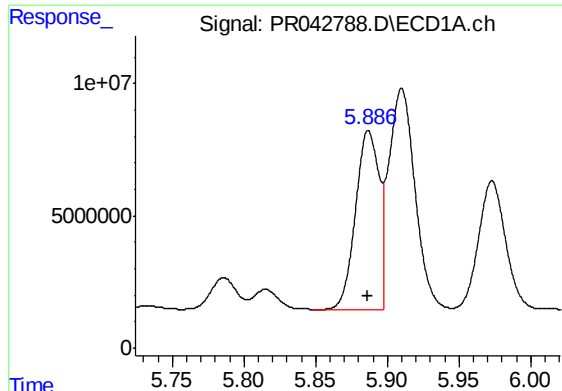
#20 AR-1242-5

R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 7286652
Conc: 67.40 ng/ml



#20 AR-1242-5

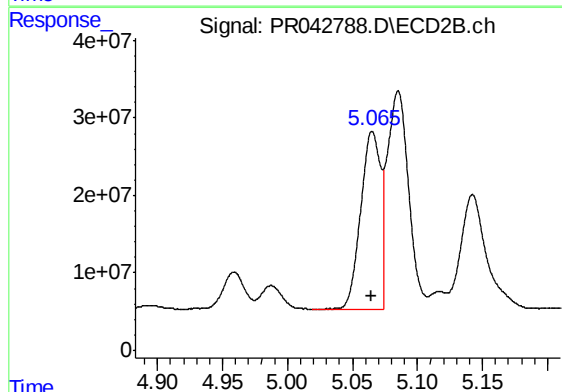
R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 97258922
Conc: 327.30 ng/ml



#21 AR-1248-1

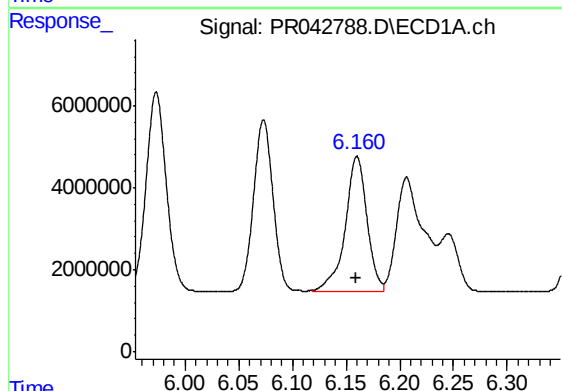
R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 76713539
Conc: 668.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



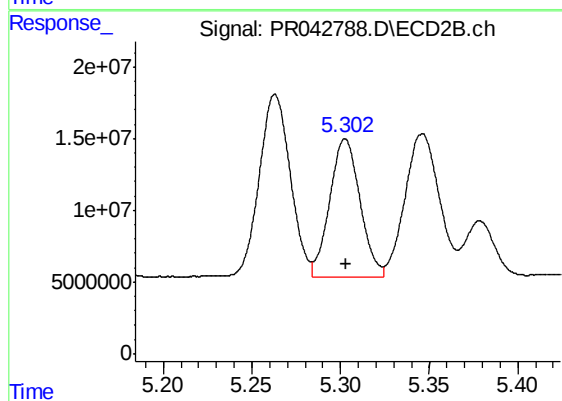
#21 AR-1248-1

R.T.: 5.065 min
Delta R.T.: 0.000 min
Response: 241148259
Conc: 647.63 ng/ml



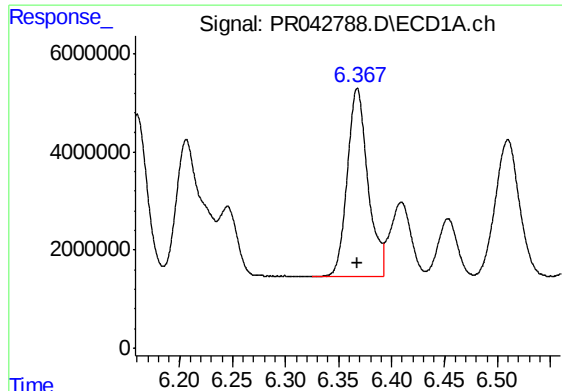
#22 AR-1248-2

R.T.: 6.160 min
Delta R.T.: 0.000 min
Response: 46324623
Conc: 295.00 ng/ml



#22 AR-1248-2

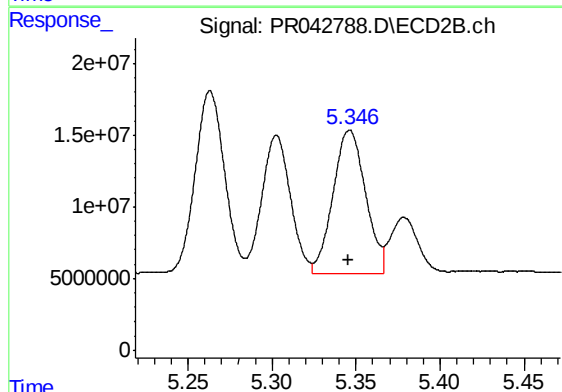
R.T.: 5.303 min
Delta R.T.: 0.000 min
Response: 114421084
Conc: 297.74 ng/ml



#23 AR-1248-3

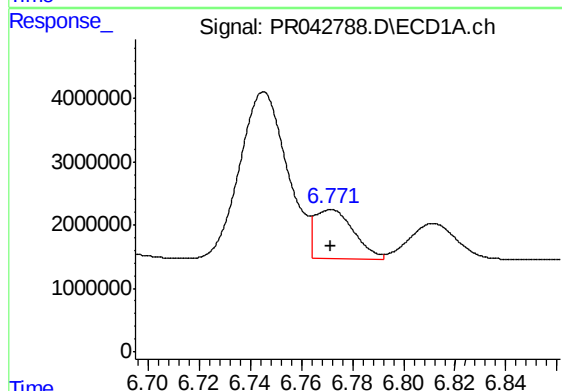
R.T.: 6.368 min
Delta R.T.: 0.000 min
Response: 51586163
Conc: 294.95 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



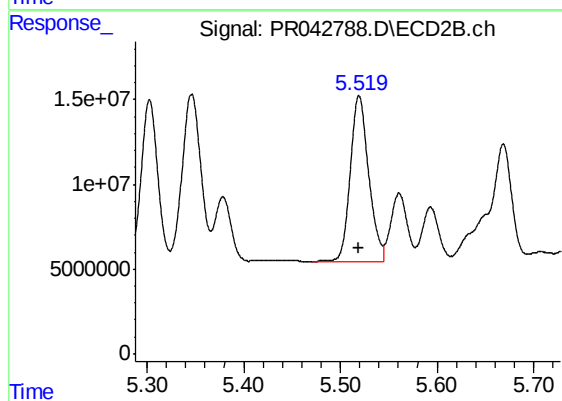
#23 AR-1248-3

R.T.: 5.346 min
Delta R.T.: 0.000 min
Response: 133903249
Conc: 354.12 ng/ml



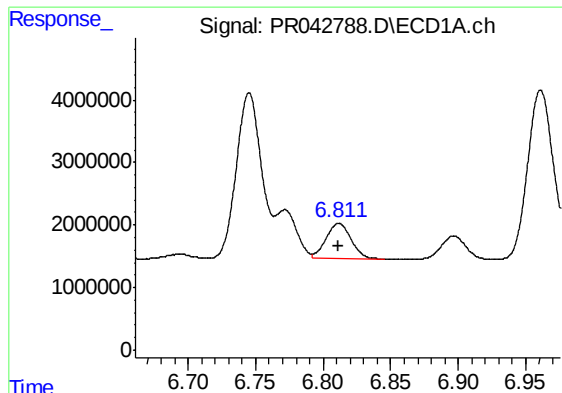
#24 AR-1248-4

R.T.: 6.772 min
Delta R.T.: 0.000 min
Response: 8146343
Conc: 41.10 ng/ml



#24 AR-1248-4

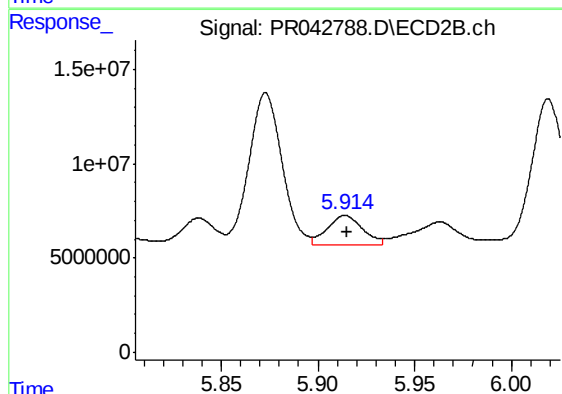
R.T.: 5.519 min
Delta R.T.: 0.000 min
Response: 129675570
Conc: 311.31 ng/ml



#25 AR-1248-5

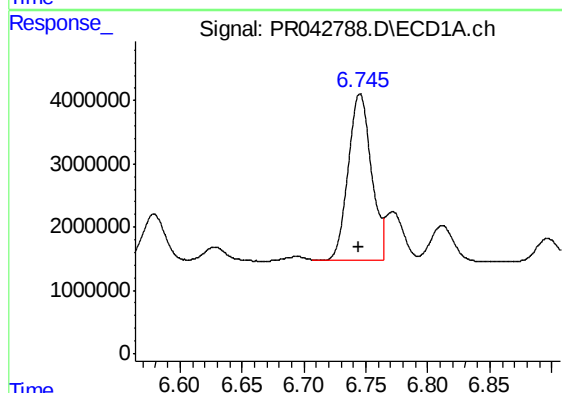
R.T.: 6.812 min
Delta R.T.: 0.000 min
Response: 7286652
Conc: 39.05 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



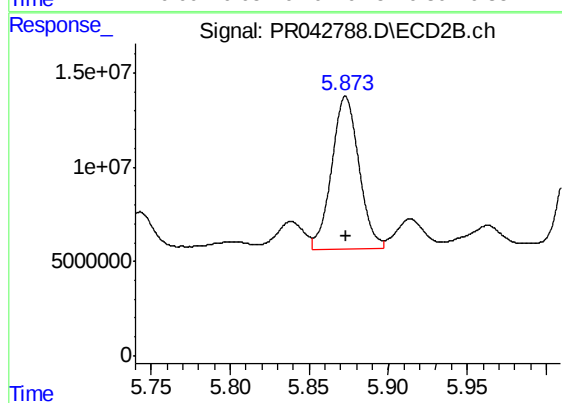
#25 AR-1248-5

R.T.: 5.914 min
Delta R.T.: -0.001 min
Response: 19928433
Conc: 45.23 ng/ml



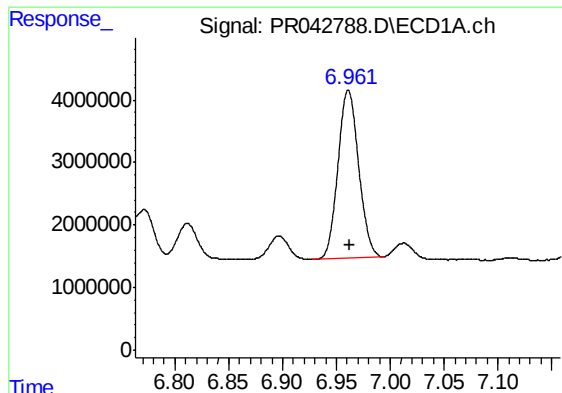
#26 AR-1254-1

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 34078224
Conc: 177.15 ng/ml



#26 AR-1254-1

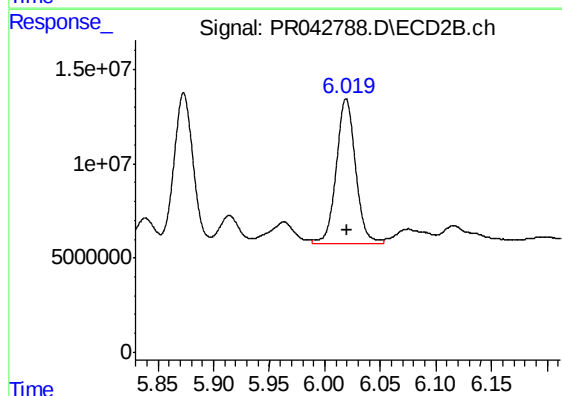
R.T.: 5.873 min
Delta R.T.: 0.000 min
Response: 97258922
Conc: 155.77 ng/ml



#27 AR-1254-2

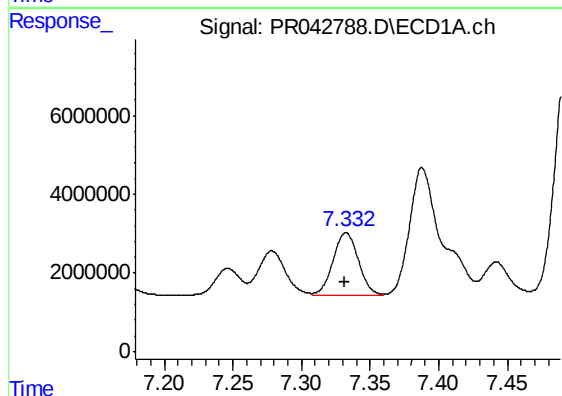
R.T.: 6.961 min
Delta R.T.: -0.001 min
Response: 35859015
Conc: 121.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



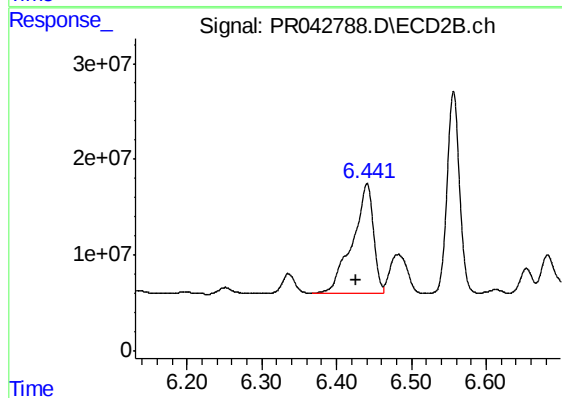
#27 AR-1254-2

R.T.: 6.019 min
Delta R.T.: 0.000 min
Response: 92811810
Conc: 165.23 ng/ml



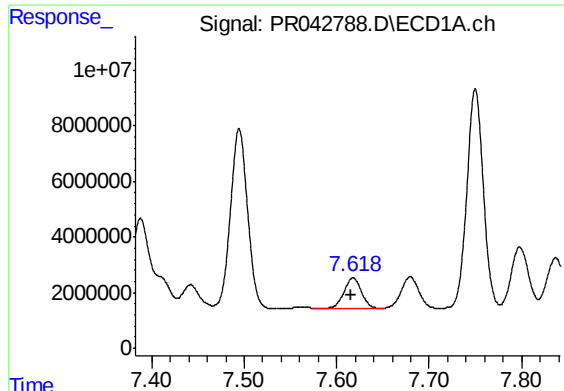
#28 AR-1254-3

R.T.: 7.333 min
Delta R.T.: 0.000 min
Response: 20465897
Conc: 66.41 ng/ml



#28 AR-1254-3

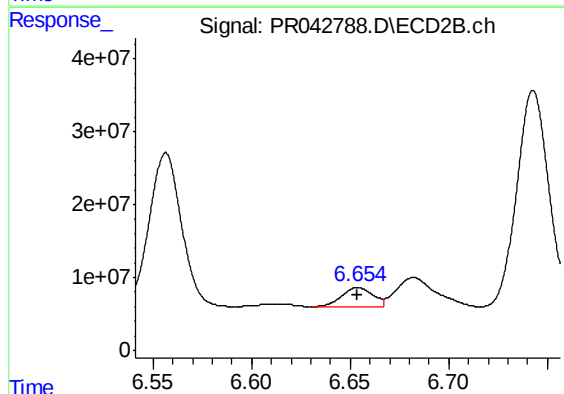
R.T.: 6.441 min
Delta R.T.: 0.014 min
Response: 222652299
Conc: 227.98 ng/ml



#29 AR-1254-4

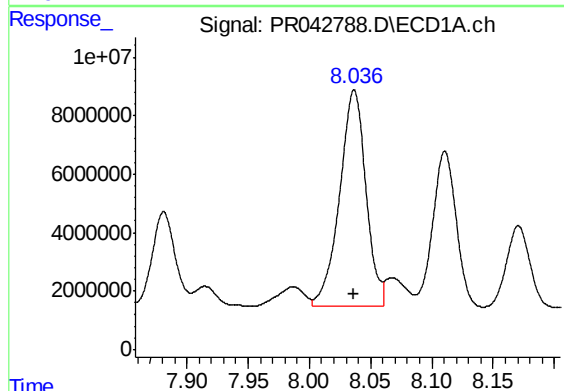
R.T.: 7.618 min
Delta R.T.: 0.002 min
Response: 13925556
Conc: 61.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



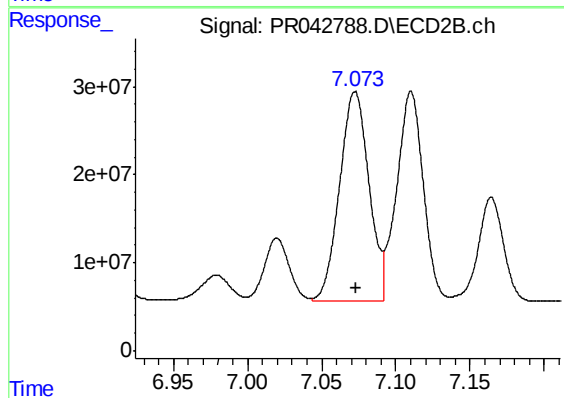
#29 AR-1254-4

R.T.: 6.654 min
Delta R.T.: 0.000 min
Response: 29770716
Conc: 41.66 ng/ml



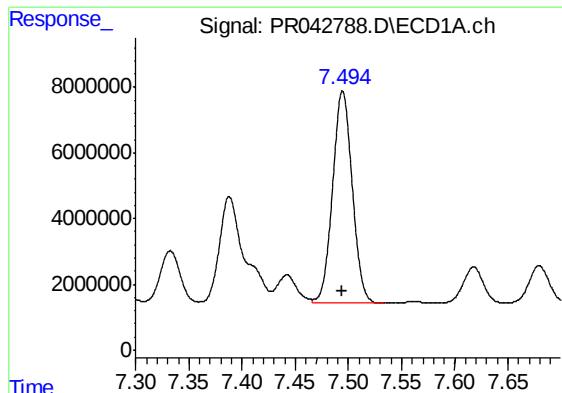
#30 AR-1254-5

R.T.: 8.037 min
Delta R.T.: 0.000 min
Response: 110684474
Conc: 473.87 ng/ml



#30 AR-1254-5

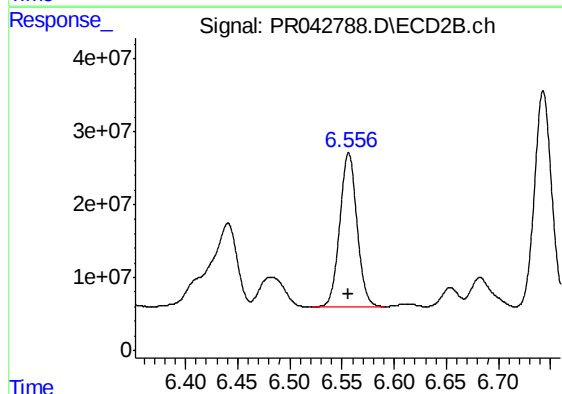
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 327053747
Conc: 395.52 ng/ml



#31 AR-1260-1

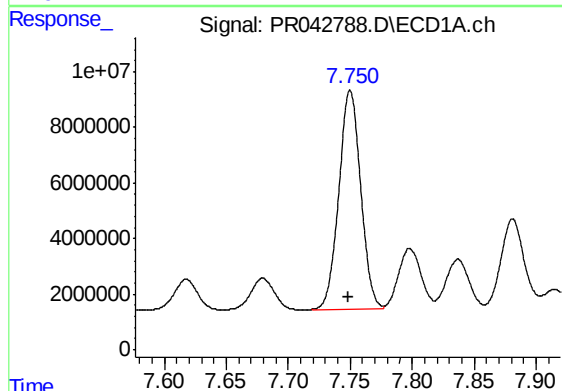
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 83128366
Conc: 370.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



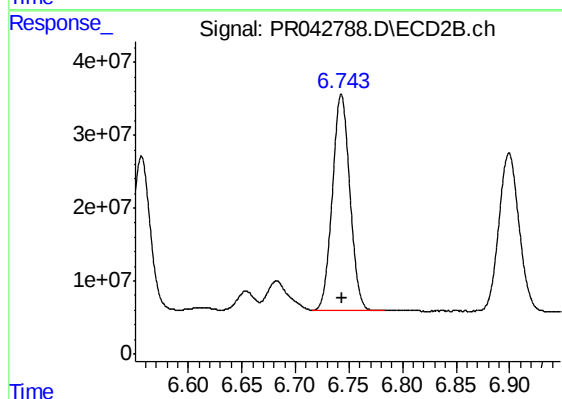
#31 AR-1260-1

R.T.: 6.556 min
Delta R.T.: 0.000 min
Response: 243135973
Conc: 371.22 ng/ml



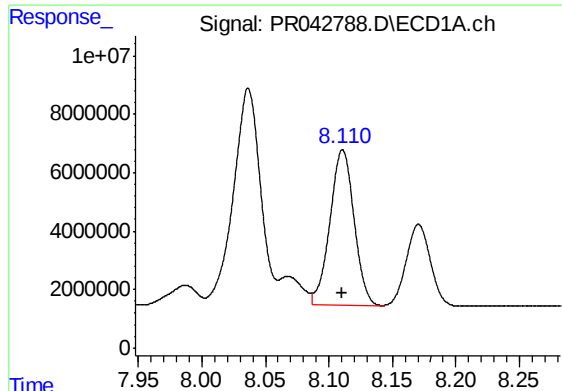
#32 AR-1260-2

R.T.: 7.750 min
Delta R.T.: 0.000 min
Response: 97078465
Conc: 365.96 ng/ml



#32 AR-1260-2

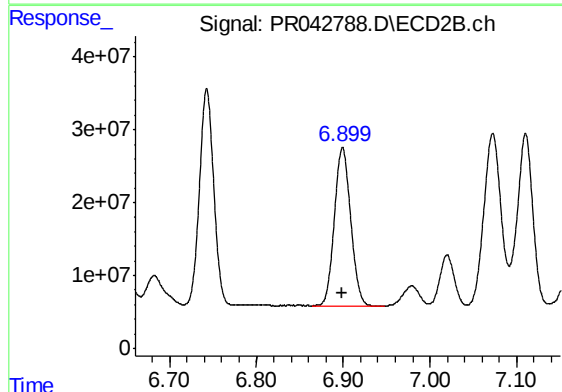
R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 338105563
Conc: 370.25 ng/ml



#33 AR-1260-3

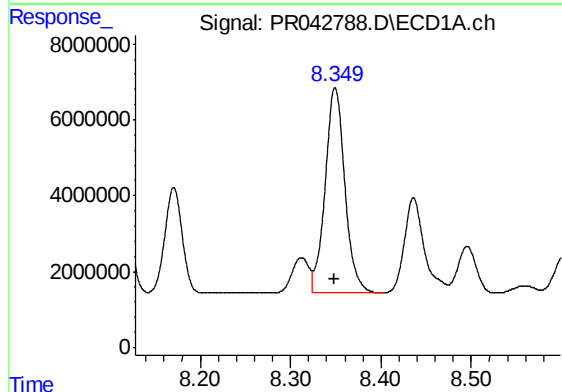
R.T.: 8.111 min
Delta R.T.: 0.000 min
Response: 70684888
Conc: 356.47 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



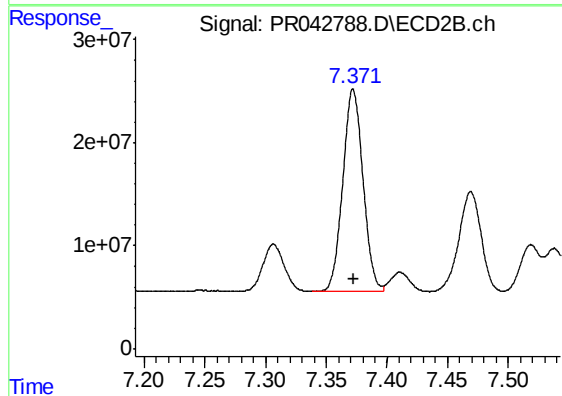
#33 AR-1260-3

R.T.: 6.899 min
Delta R.T.: 0.000 min
Response: 284664026
Conc: 371.20 ng/ml



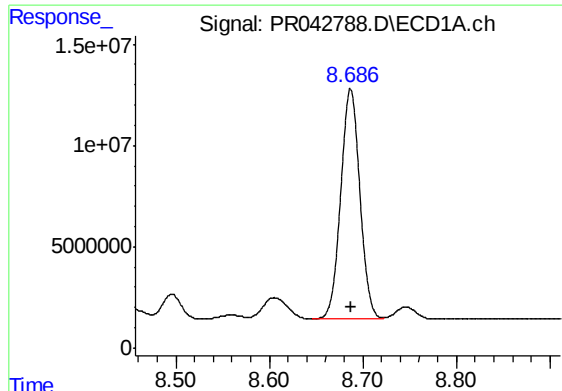
#34 AR-1260-4

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 81613974
Conc: 357.02 ng/ml



#34 AR-1260-4

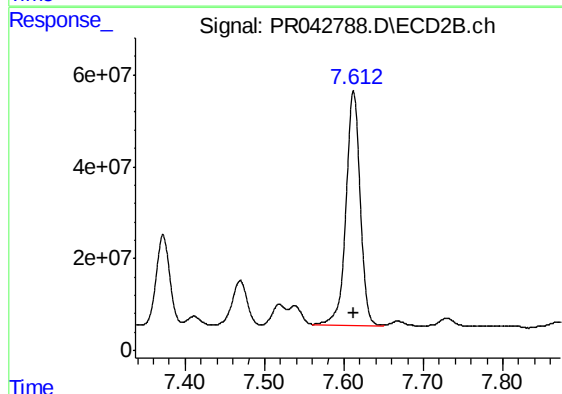
R.T.: 7.372 min
Delta R.T.: 0.000 min
Response: 228511025
Conc: 361.16 ng/ml



#35 AR-1260-5

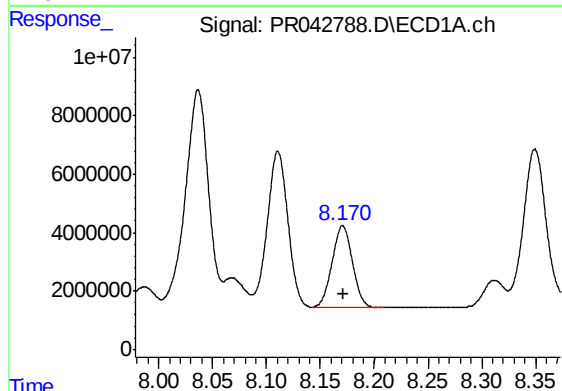
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 161944223
Conc: 353.58 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



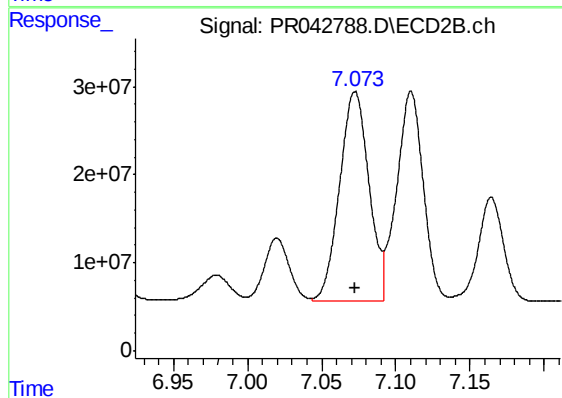
#35 AR-1260-5

R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 637571920
Conc: 360.91 ng/ml



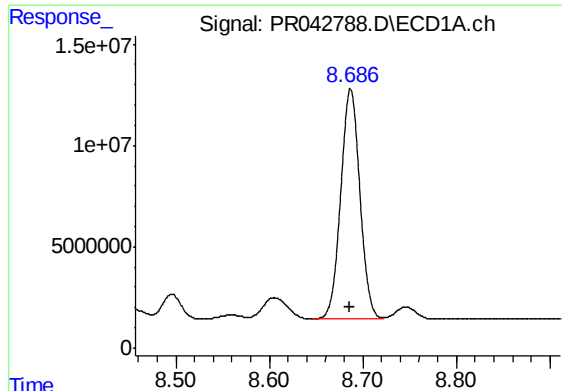
#36 AR-1262-1

R.T.: 8.171 min
Delta R.T.: 0.000 min
Response: 36447120
Conc: 319.06 ng/ml



#36 AR-1262-1

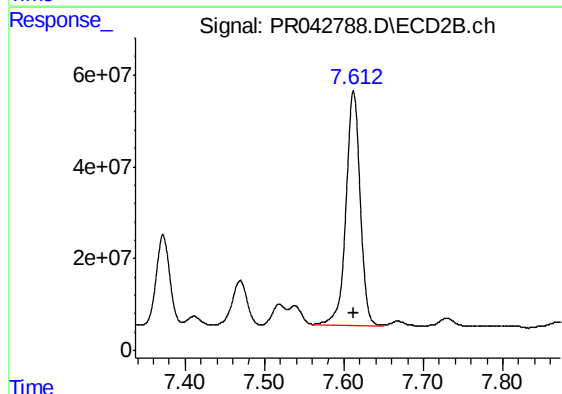
R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 327053747
Conc: 694.10 ng/ml



#37 AR-1262-2

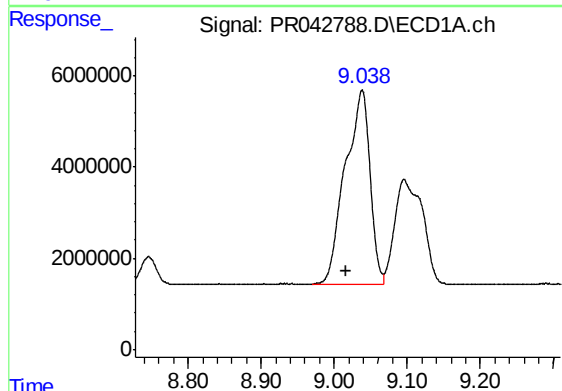
R.T.: 8.687 min
Delta R.T.: 0.000 min
Response: 161944223
Conc: 310.89 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



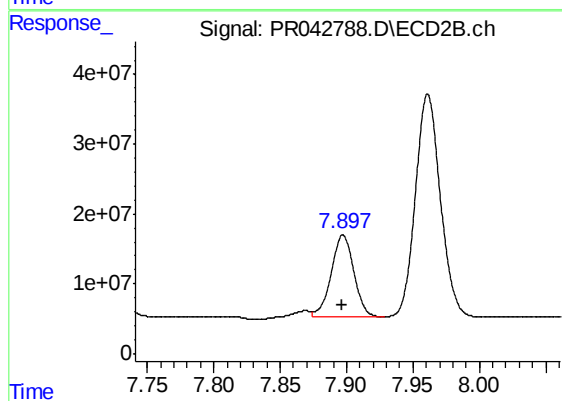
#37 AR-1262-2

R.T.: 7.612 min
Delta R.T.: 0.000 min
Response: 637571920
Conc: 330.68 ng/ml



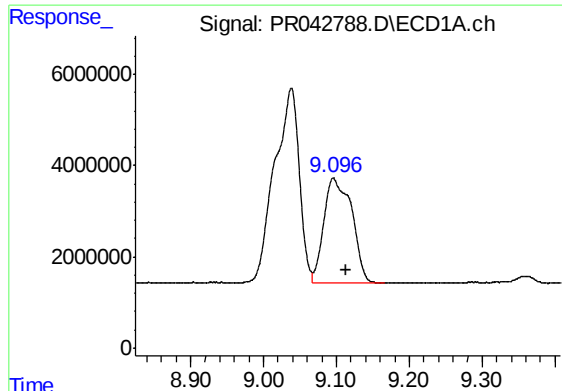
#38 AR-1262-3

R.T.: 9.038 min
Delta R.T.: 0.022 min
Response: 100102054
Conc: 300.79 ng/ml



#38 AR-1262-3

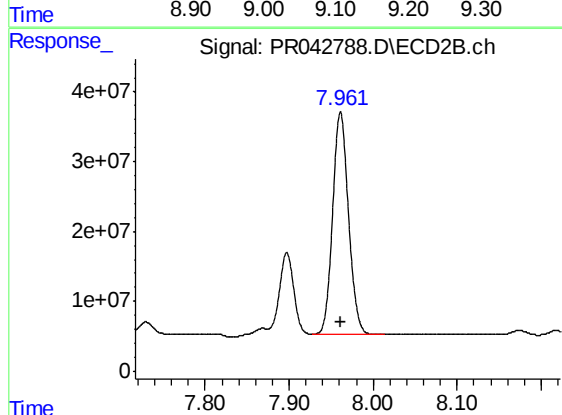
R.T.: 7.897 min
Delta R.T.: 0.000 min
Response: 139349586
Conc: 187.88 ng/ml



#39 AR-1262-4

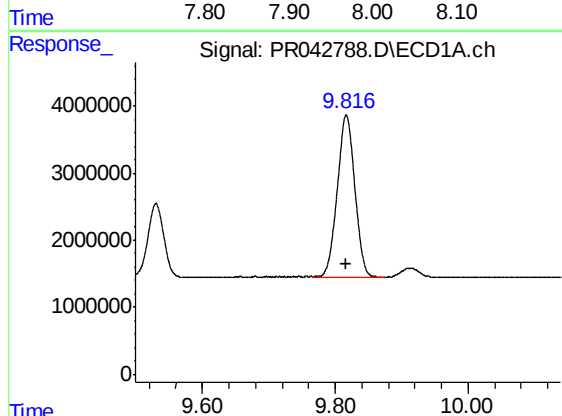
R.T.: 9.096 min
Delta R.T.: -0.017 min
Response: 60958645
Conc: 248.81 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



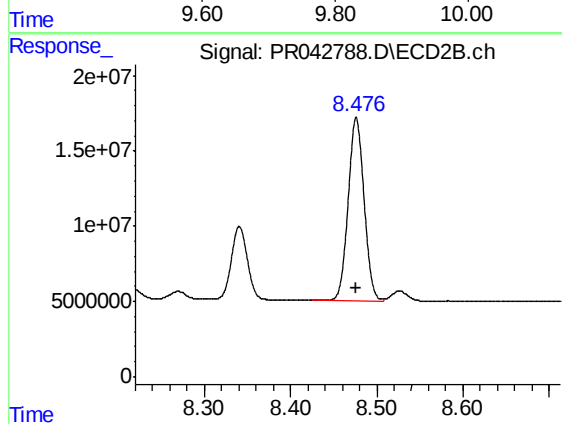
#39 AR-1262-4

R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 417341440
Conc: 323.31 ng/ml



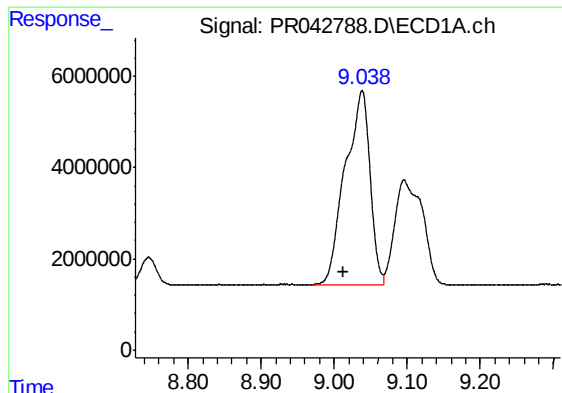
#40 AR-1262-5

R.T.: 9.817 min
Delta R.T.: 0.000 min
Response: 44223172
Conc: 261.62 ng/ml



#40 AR-1262-5

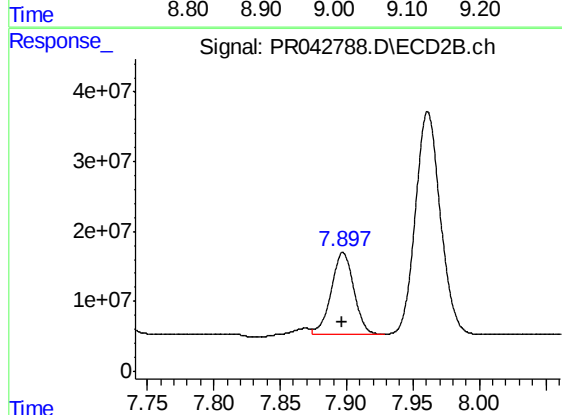
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 155166302
Conc: 262.79 ng/ml



#41 AR-1268-1

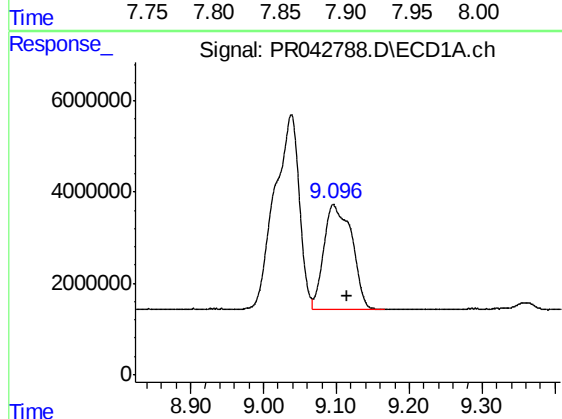
R.T.: 9.038 min
Delta R.T.: 0.025 min
Response: 100102054
Conc: 171.19 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



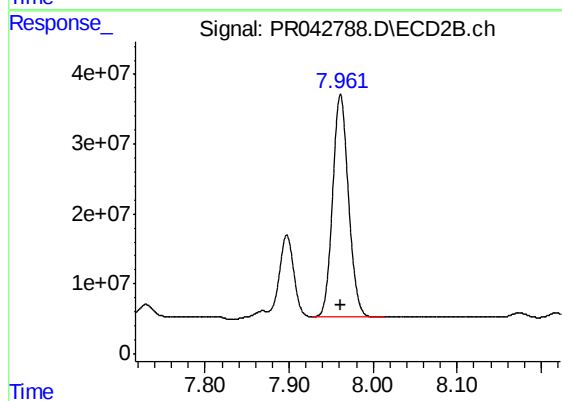
#41 AR-1268-1

R.T.: 7.897 min
Delta R.T.: 0.001 min
Response: 139349586
Conc: 62.90 ng/ml



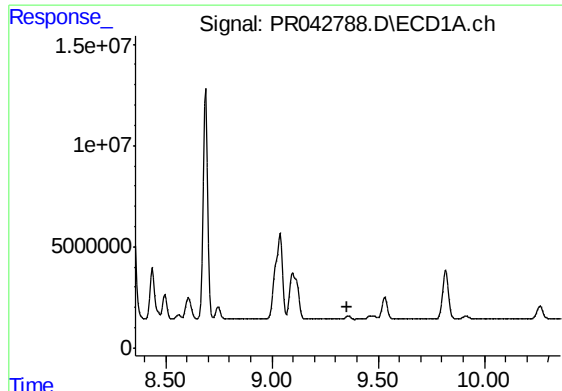
#42 AR-1268-2

R.T.: 9.096 min
Delta R.T.: -0.019 min
Response: 60958645
Conc: 115.52 ng/ml



#42 AR-1268-2

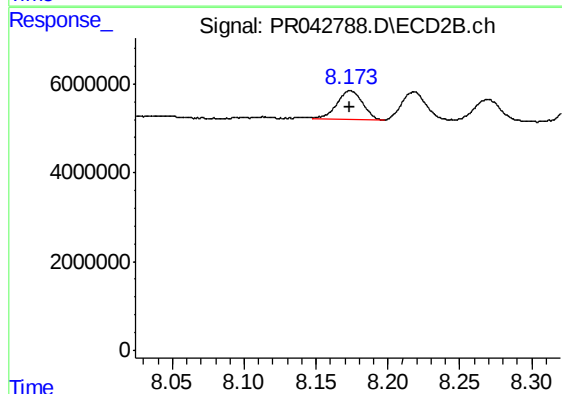
R.T.: 7.961 min
Delta R.T.: 0.000 min
Response: 417341440
Conc: 213.74 ng/ml



#43 AR-1268-3

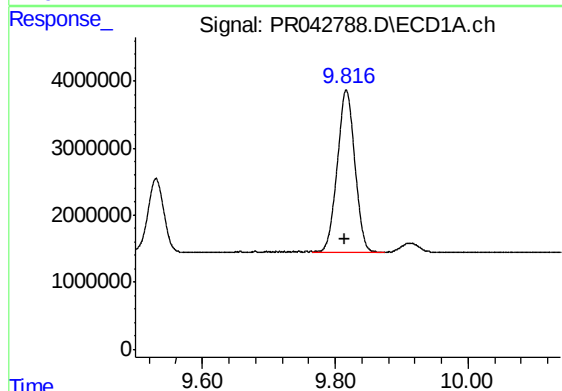
R.T.: 0.000 min
Exp R.T.: 9.357 min
Response: 0
Conc: N.D.

Instrument :
ECD_R
ClientSampleId :
AR1660392



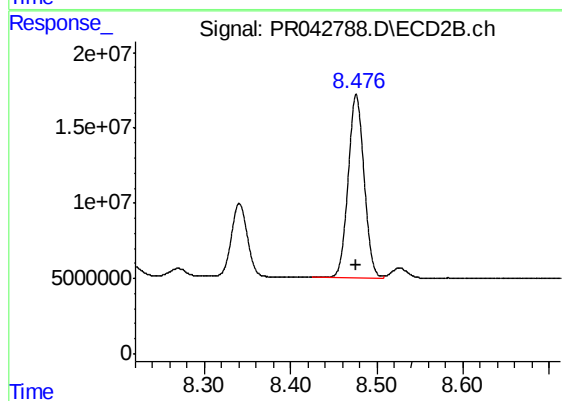
#43 AR-1268-3

R.T.: 8.174 min
Delta R.T.: 0.000 min
Response: 8143161
Conc: 4.91 ng/ml



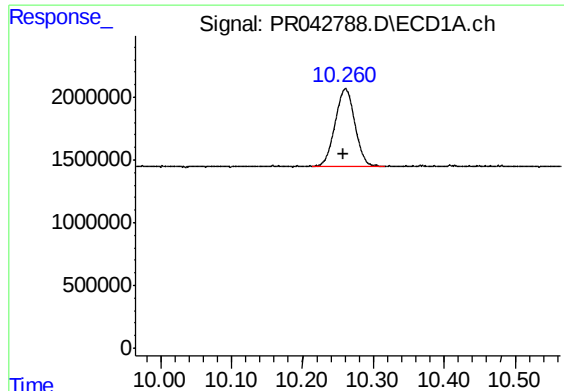
#44 AR-1268-4

R.T.: 9.817 min
Delta R.T.: 0.002 min
Response: 44223172
Conc: 234.48 ng/ml



#44 AR-1268-4

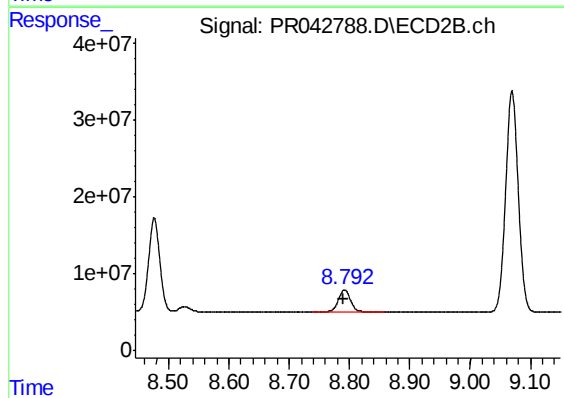
R.T.: 8.476 min
Delta R.T.: 0.000 min
Response: 155166302
Conc: 233.96 ng/ml



#45 AR-1268-5

R.T.: 10.261 min
Delta R.T.: 0.003 min
Response: 12028541
Conc: 8.54 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660392



#45 AR-1268-5

R.T.: 8.792 min
Delta R.T.: 0.000 min
Response: 39250237
Conc: 8.33 ng/ml