

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122319\
 Data File : PR044078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2019 08:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 02:41:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Mon Dec 16 06:15:17 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...	4.695	3.955	87750586	213.5E6	21.955	19.340
2)	SA Decachlor...	10.594	9.039	176.4E6	360.9E6	36.979	35.773
Target Compounds							
3)	L1 AR-1016-1	5.872	5.047	64636541	110.3E6	406.794	319.661
4)	L1 AR-1016-2	5.895	5.066	92437677	161.6E6	406.689	335.897
5)	L1 AR-1016-3	5.958	5.244	55323755	75940856	411.369	348.479
6)	L1 AR-1016-4	6.058	5.284	46820295	64280994	414.593	356.052
7)	L1 AR-1016-5	6.351	5.501	47372284	89024190	419.319	376.783
8)	L2 AR-1221-1	4.992f	4.253f	1961589	5490485	50.521	48.102
9)	L2 AR-1221-2	4.992	4.253	1961589	5490485	72.435	67.297
10)	L2 AR-1221-3	5.070	4.330	26034216	39300539	265.445	140.859 #
11)	L3 AR-1232-1	5.070	4.330	26034216	39300539	324.916	170.314 #
12)	L3 AR-1232-2	5.604	5.066	41233961	161.6E6	933.434	742.049
13)	L3 AR-1232-3	5.895	5.244	92437677	75940856	968.438	800.970
14)	L3 AR-1232-4	6.058	5.360	46820295	24395460	1000.316	281.735 #
15)	L3 AR-1232-5	6.144	5.501	40095336	89024190	1171.096	905.343
16)	L4 AR-1242-1	5.895	5.066	92437677	161.6E6	730.595	561.586
17)	L4 AR-1242-2	5.895	5.066	92437677	161.6E6	510.131	408.577
18)	L4 AR-1242-3	5.958	5.244	55323755	75940856	509.574	399.564
19)	L4 AR-1242-4	6.058	5.360	46820295	24395460	518.594	133.434 #
20)	L4 AR-1242-5	6.795	5.853	6904147	73785499	62.845	248.739 #
21)	L5 AR-1248-1	5.872	5.047	64636541	110.3E6	645.427	479.421 #
22)	L5 AR-1248-2	6.144	5.284	40095336	64280994	292.454	245.669
23)	L5 AR-1248-3	6.351	5.327	47372284	76997435	299.661	290.831
24)	L5 AR-1248-4	6.754	5.501	8299407	89024190	42.741	267.525 #
25)	L5 AR-1248-5	6.795	5.893	6904147	18399478	37.650	45.010
26)	L6 AR-1254-1	6.729	5.853	33152248	73785499	173.474	122.540 #
27)	L6 AR-1254-2	6.945	5.999	33760256	76472775	110.737	140.920 #
28)	L6 AR-1254-3	7.316	6.420	19878156	183.4E6	57.643	192.331 #
29)	L6 AR-1254-4	7.601	6.633	15363065	23404094	58.642	35.286 #
30)	L6 AR-1254-5	8.019	7.051	127.3E6	272.3E6	449.156	312.865 #
31)	L7 AR-1260-1	7.477	6.535	84273267	195.7E6	364.557	358.105
32)	L7 AR-1260-2	7.732	6.722	105.9E6	287.0E6	371.095	357.561
33)	L7 AR-1260-3	8.093	6.877	82547090	230.6E6	367.626	345.253
34)	L7 AR-1260-4	8.331	7.350	92132892	196.0E6	355.812	349.136
35)	L7 AR-1260-5	8.667	7.590	203.6E6	586.4E6	364.553	348.369
36)	L8 AR-1262-1	8.153	7.051	41607287	272.3E6	289.263	550.367 #
37)	L8 AR-1262-2	8.667	7.590	203.6E6	586.4E6	286.823	269.697
38)	L8 AR-1262-3	9.018	7.874	128.9E6	124.4E6	279.856	144.038 #
39)	L8 AR-1262-4	9.075f	7.938	77719046	376.2E6	227.921	264.583
40)	L8 AR-1262-5	9.793	8.453	39754181	133.2E6	165.588	208.313 #
41)	L9 AR-1268-1	9.018	7.874	128.9E6	124.4E6	160.087	50.881 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR122319\
 Data File : PR044078.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Dec 2019 08:17
 Operator : SM\AJ
 Sample : AR1660CCC400
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

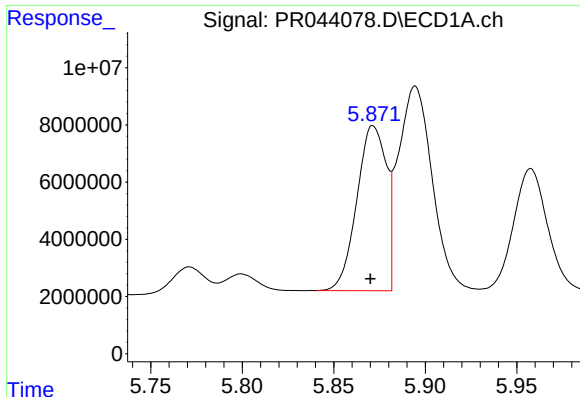
Instrument :
 ECD_R
 ClientSampleId :
 AR1660390

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 24 02:41:40 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR121519CLP.M
 Quant Title : GC EXTRACTABLES
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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	9.075f	7.938	77719046	376.2E6	105.480	179.864 #
43) L9	AR-1268-3	9.337	8.149	30019312	8478816	48.781	4.709 #
44) L9	AR-1268-4	9.793	8.453	39754181	133.2E6	150.269	188.989 #
45) L9	AR-1268-5	10.234	8.765	15362537	45767260	7.448	9.378 #

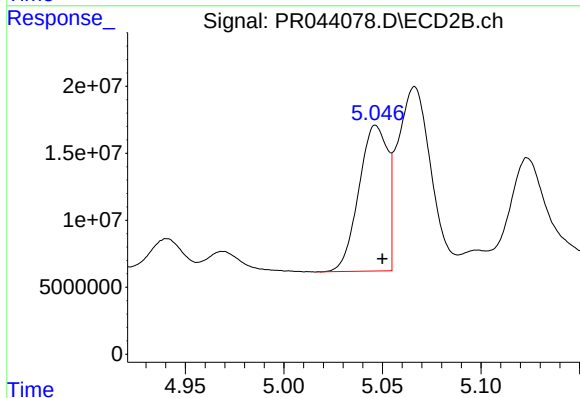
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#3 AR-1016-1

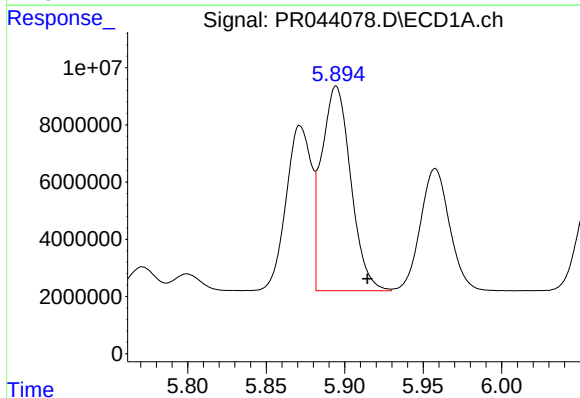
R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 64636541
Conc: 406.79 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



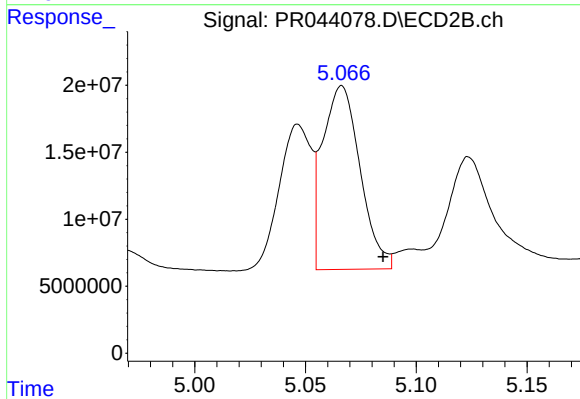
#3 AR-1016-1

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 110307093
Conc: 319.66 ng/ml



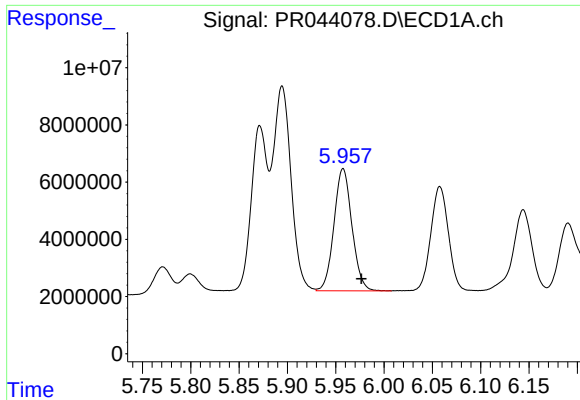
#4 AR-1016-2

R.T.: 5.895 min
Delta R.T.: -0.020 min
Response: 92437677
Conc: 406.69 ng/ml



#4 AR-1016-2

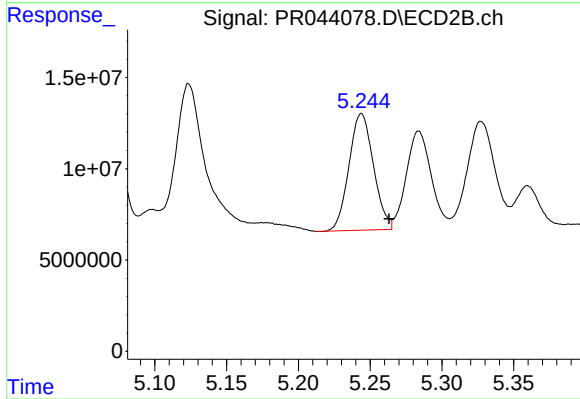
R.T.: 5.066 min
Delta R.T.: -0.019 min
Response: 161567095
Conc: 335.90 ng/ml



#5 AR-1016-3

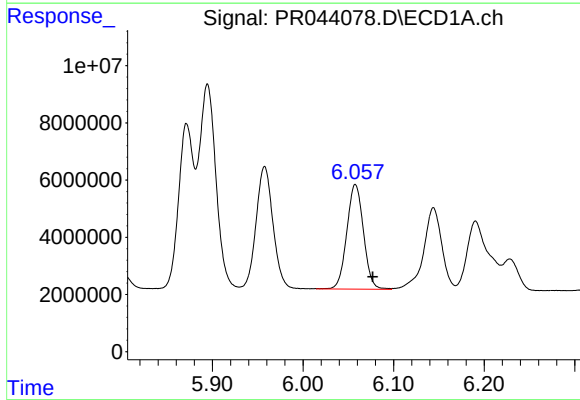
R.T.: 5.958 min
Delta R.T.: -0.019 min
Response: 55323755
Conc: 411.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



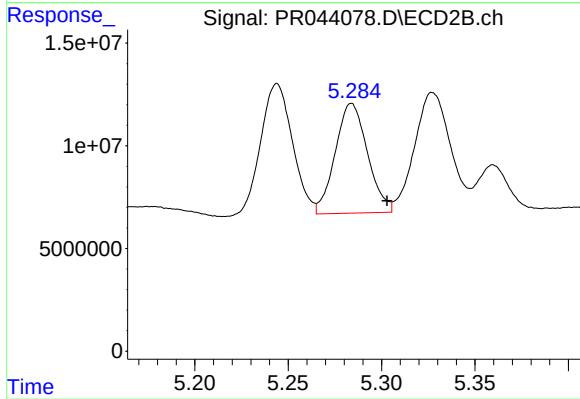
#5 AR-1016-3

R.T.: 5.244 min
Delta R.T.: -0.019 min
Response: 75940856
Conc: 348.48 ng/ml



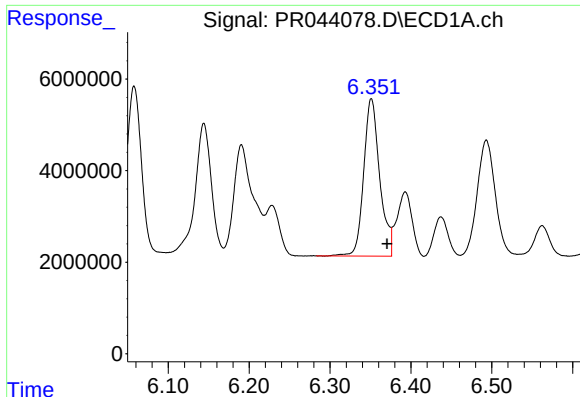
#6 AR-1016-4

R.T.: 6.058 min
Delta R.T.: -0.019 min
Response: 46820295
Conc: 414.59 ng/ml



#6 AR-1016-4

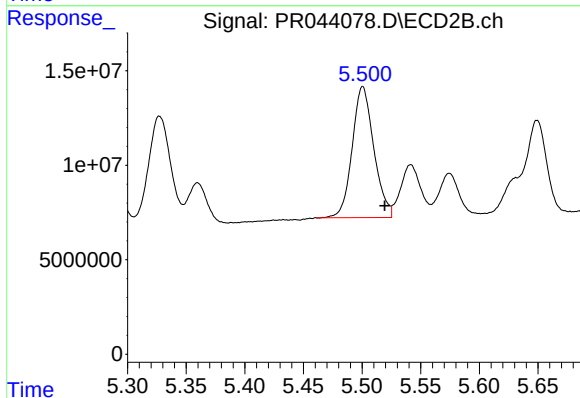
R.T.: 5.284 min
Delta R.T.: -0.019 min
Response: 64280994
Conc: 356.05 ng/ml



#7 AR-1016-5

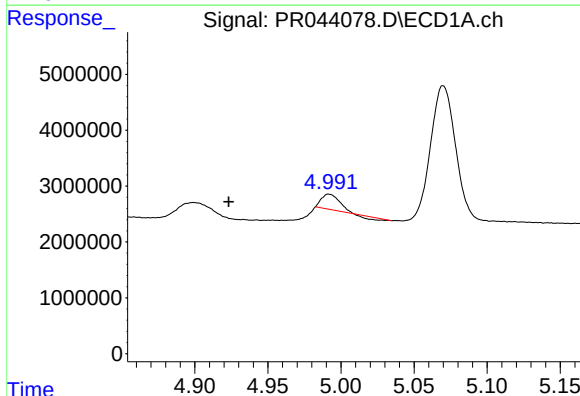
R.T.: 6.351 min
Delta R.T.: -0.019 min
Response: 47372284
Conc: 419.32 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



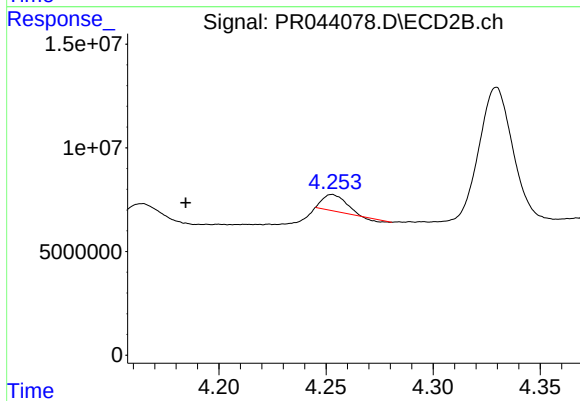
#7 AR-1016-5

R.T.: 5.501 min
Delta R.T.: -0.019 min
Response: 89024190
Conc: 376.78 ng/ml



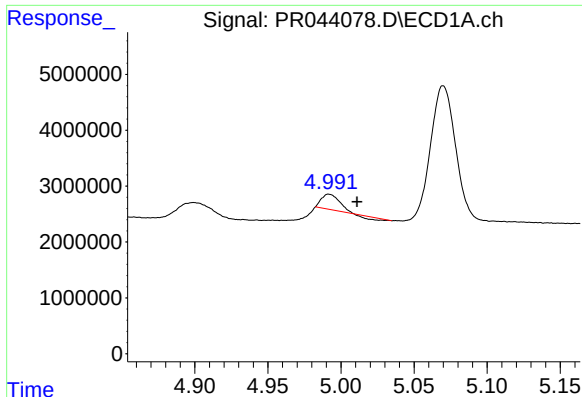
#8 AR-1221-1

R.T.: 4.992 min
Delta R.T.: 0.069 min
Response: 1961589
Conc: 50.52 ng/ml



#8 AR-1221-1

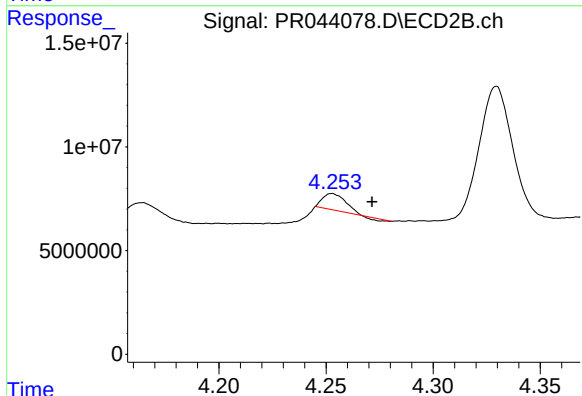
R.T.: 4.253 min
Delta R.T.: 0.068 min
Response: 5490485
Conc: 48.10 ng/ml



#9 AR-1221-2

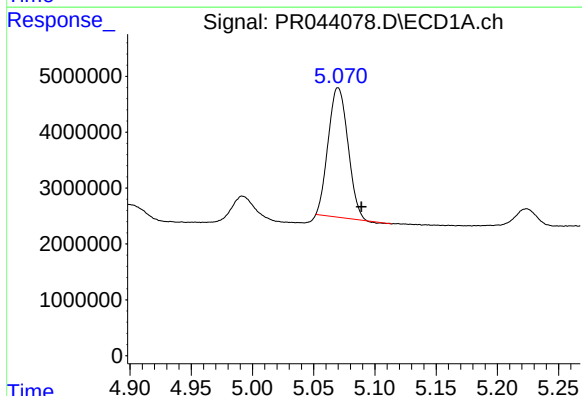
R.T.: 4.992 min
Delta R.T.: -0.019 min
Response: 1961589
Conc: 72.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



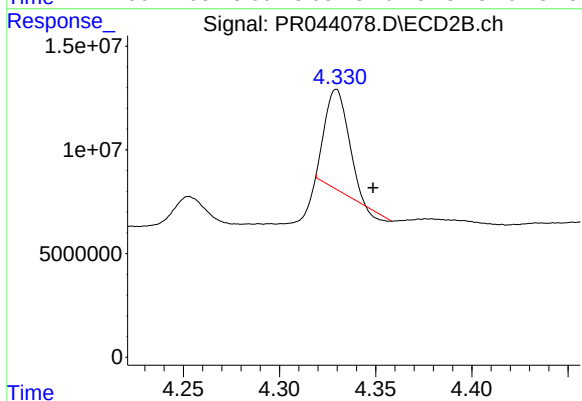
#9 AR-1221-2

R.T.: 4.253 min
Delta R.T.: -0.018 min
Response: 5490485
Conc: 67.30 ng/ml



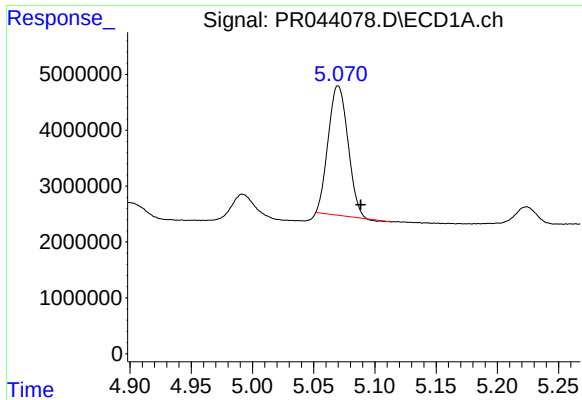
#10 AR-1221-3

R.T.: 5.070 min
Delta R.T.: -0.019 min
Response: 26034216
Conc: 265.44 ng/ml



#10 AR-1221-3

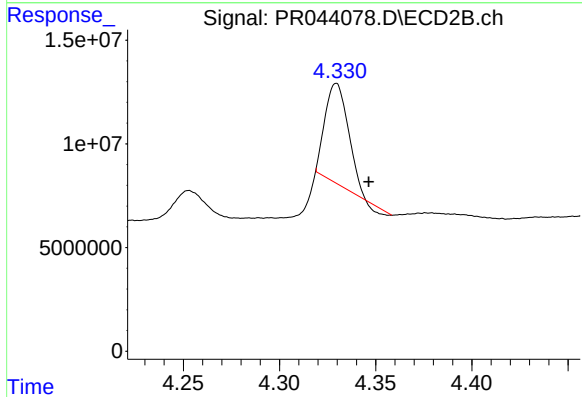
R.T.: 4.330 min
Delta R.T.: -0.019 min
Response: 39300539
Conc: 140.86 ng/ml



#11 AR-1232-1

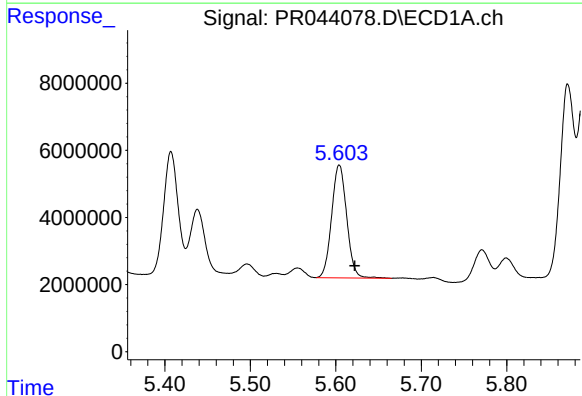
R.T.: 5.070 min
Delta R.T.: -0.018 min
Response: 26034216
Conc: 324.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



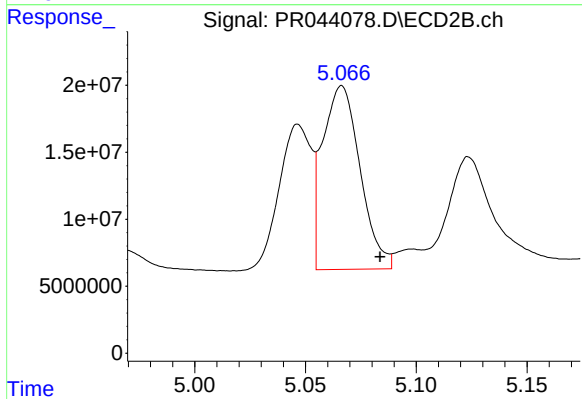
#11 AR-1232-1

R.T.: 4.330 min
Delta R.T.: -0.017 min
Response: 39300539
Conc: 170.31 ng/ml



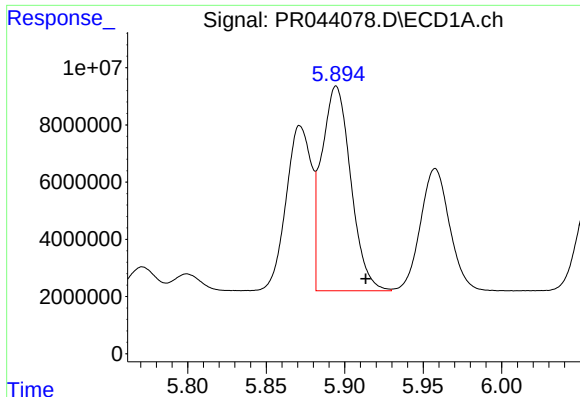
#12 AR-1232-2

R.T.: 5.604 min
Delta R.T.: -0.018 min
Response: 41233961
Conc: 933.43 ng/ml



#12 AR-1232-2

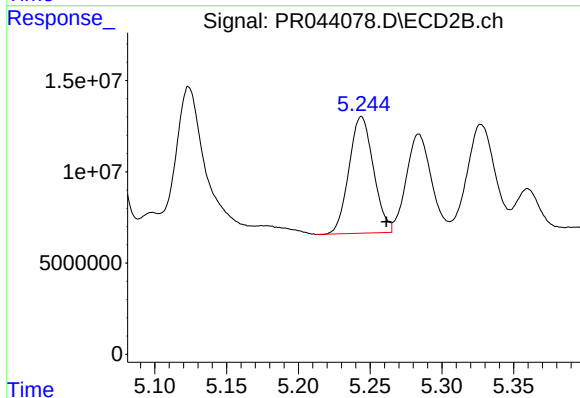
R.T.: 5.066 min
Delta R.T.: -0.017 min
Response: 161567095
Conc: 742.05 ng/ml



#13 AR-1232-3

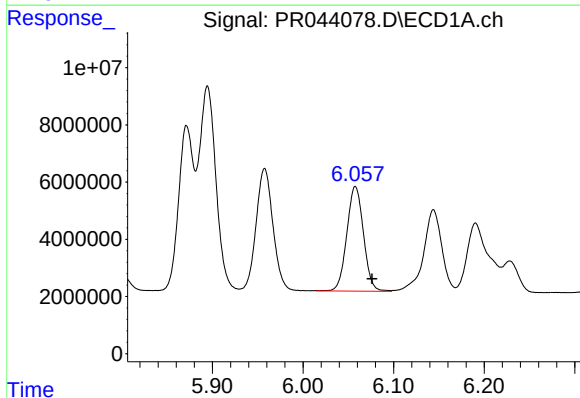
R.T.: 5.895 min
Delta R.T.: -0.019 min
Response: 92437677
Conc: 968.44 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



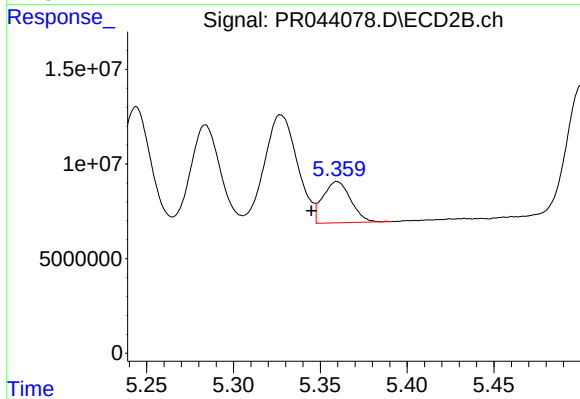
#13 AR-1232-3

R.T.: 5.244 min
Delta R.T.: -0.017 min
Response: 75940856
Conc: 800.97 ng/ml



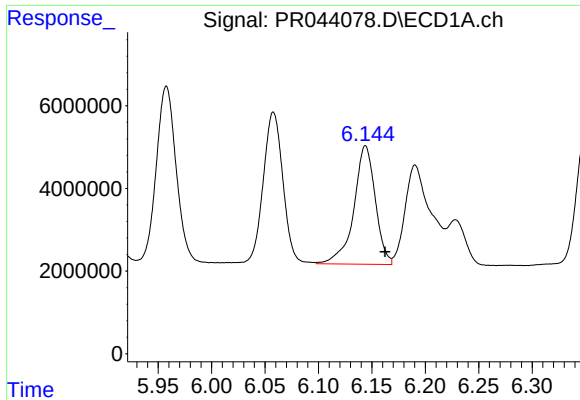
#14 AR-1232-4

R.T.: 6.058 min
Delta R.T.: -0.018 min
Response: 46820295
Conc: 1000.32 ng/ml



#14 AR-1232-4

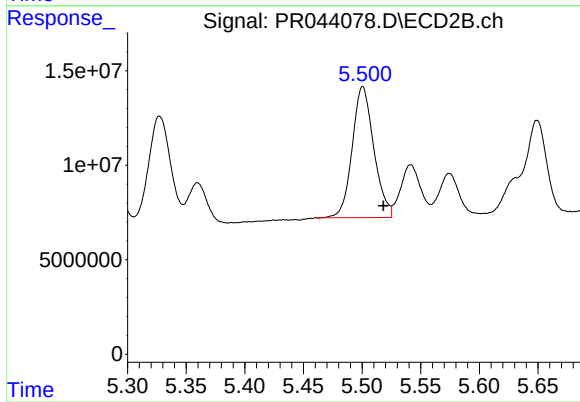
R.T.: 5.360 min
Delta R.T.: 0.015 min
Response: 24395460
Conc: 281.73 ng/ml



#15 AR-1232-5

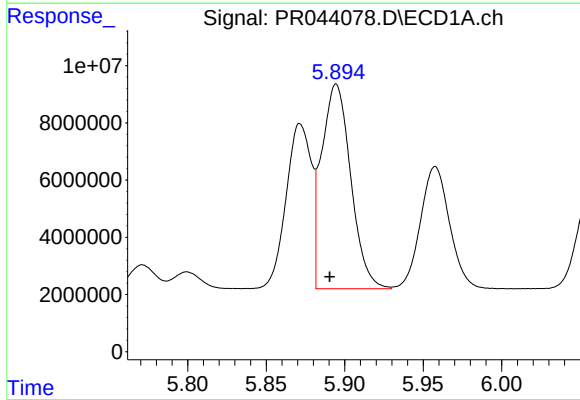
R.T.: 6.144 min
Delta R.T.: -0.019 min
Response: 40095336
Conc: 1171.10 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



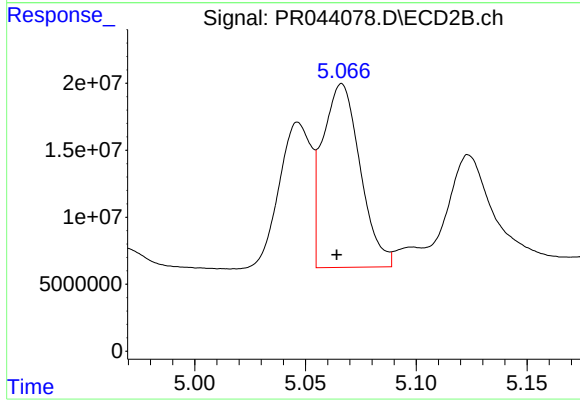
#15 AR-1232-5

R.T.: 5.501 min
Delta R.T.: -0.018 min
Response: 89024190
Conc: 905.34 ng/ml



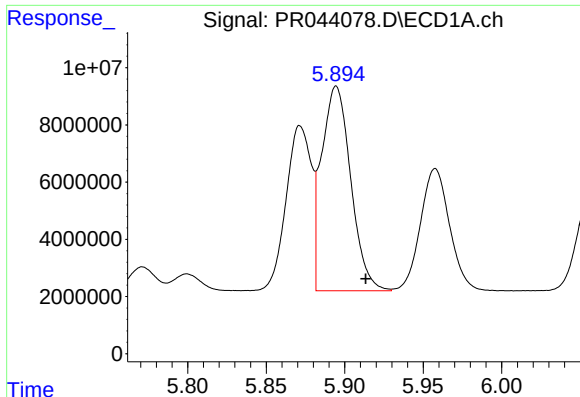
#16 AR-1242-1

R.T.: 5.895 min
Delta R.T.: 0.004 min
Response: 92437677
Conc: 730.59 ng/ml



#16 AR-1242-1

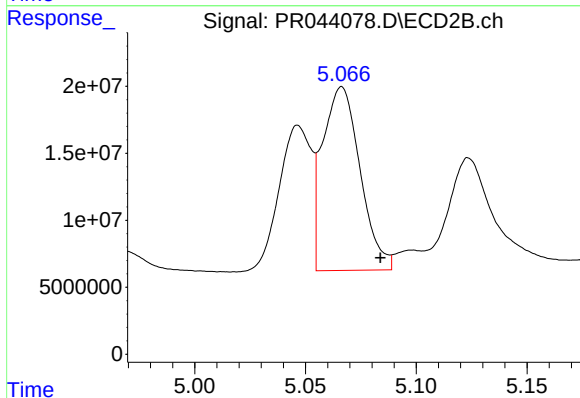
R.T.: 5.066 min
Delta R.T.: 0.002 min
Response: 161567095
Conc: 561.59 ng/ml



#17 AR-1242-2

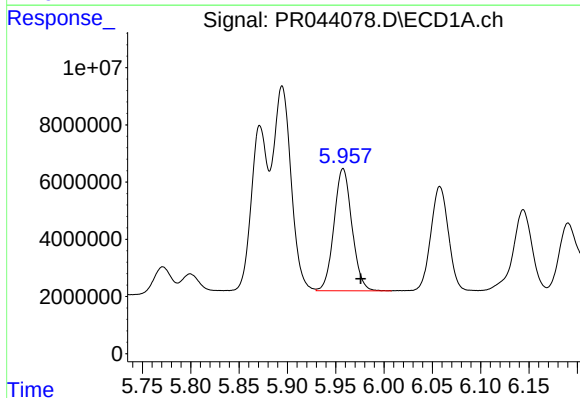
R.T.: 5.895 min
Delta R.T.: -0.019 min
Response: 92437677
Conc: 510.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



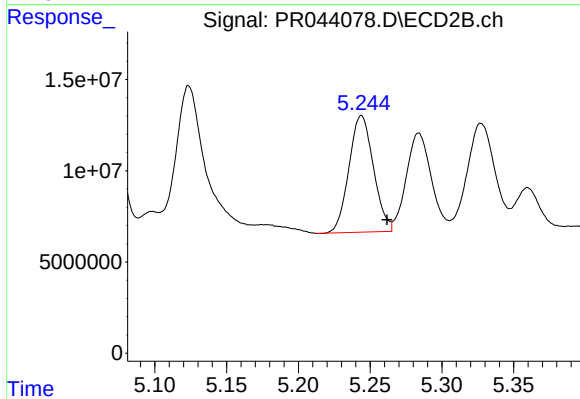
#17 AR-1242-2

R.T.: 5.066 min
Delta R.T.: -0.017 min
Response: 161567095
Conc: 408.58 ng/ml



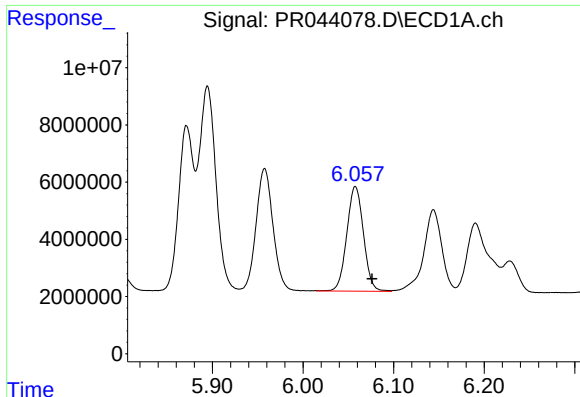
#18 AR-1242-3

R.T.: 5.958 min
Delta R.T.: -0.018 min
Response: 55323755
Conc: 509.57 ng/ml



#18 AR-1242-3

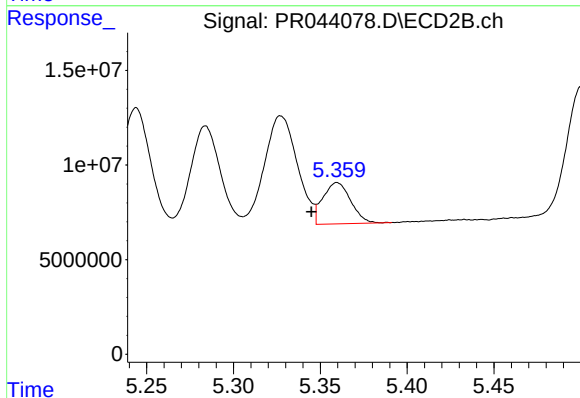
R.T.: 5.244 min
Delta R.T.: -0.018 min
Response: 75940856
Conc: 399.56 ng/ml



#19 AR-1242-4

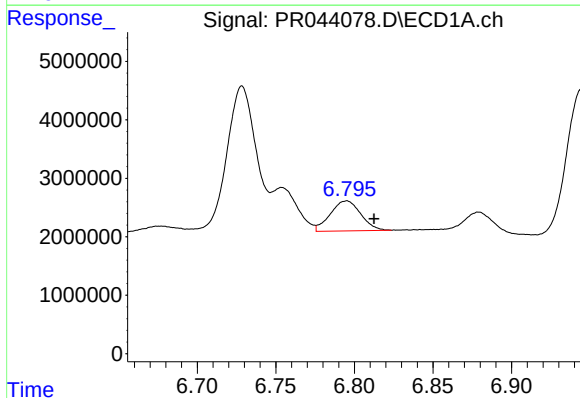
R.T.: 6.058 min
Delta R.T.: -0.018 min
Response: 46820295
Conc: 518.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



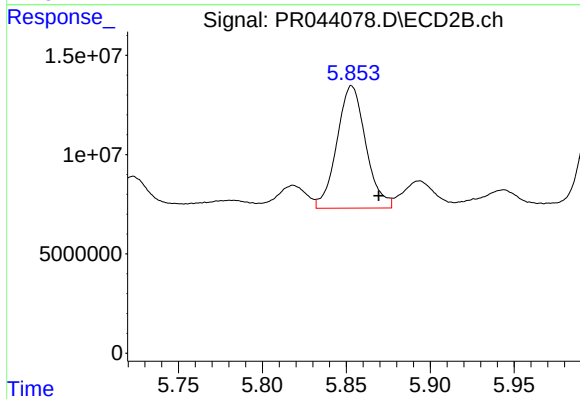
#19 AR-1242-4

R.T.: 5.360 min
Delta R.T.: 0.015 min
Response: 24395460
Conc: 133.43 ng/ml



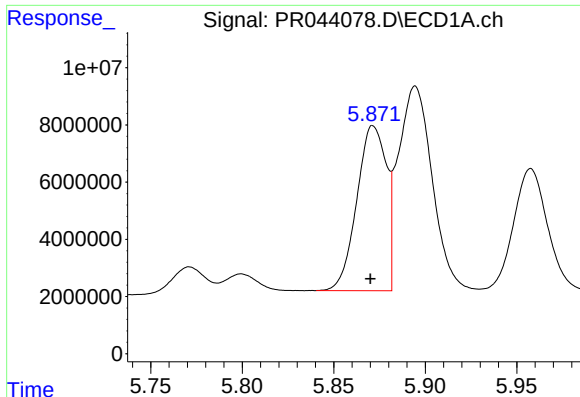
#20 AR-1242-5

R.T.: 6.795 min
Delta R.T.: -0.018 min
Response: 6904147
Conc: 62.84 ng/ml



#20 AR-1242-5

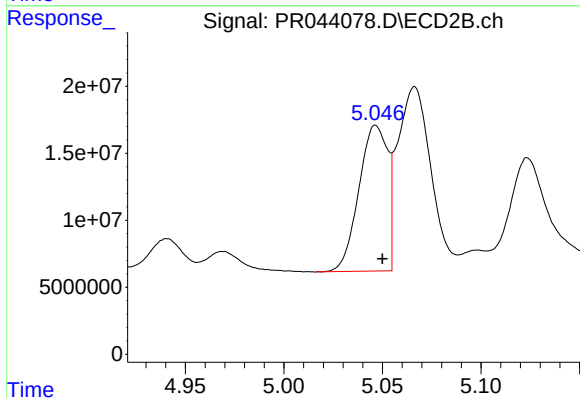
R.T.: 5.853 min
Delta R.T.: -0.016 min
Response: 73785499
Conc: 248.74 ng/ml



#21 AR-1248-1

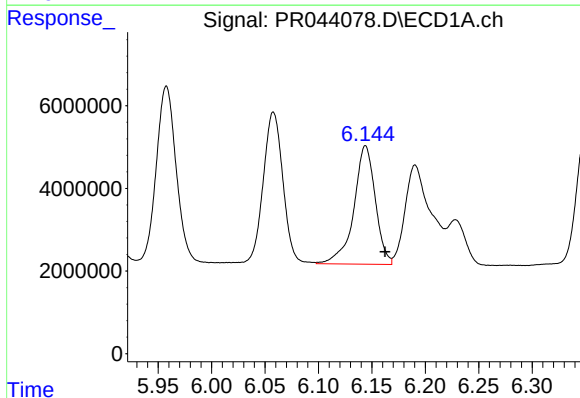
R.T.: 5.872 min
Delta R.T.: 0.002 min
Response: 64636541
Conc: 645.43 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



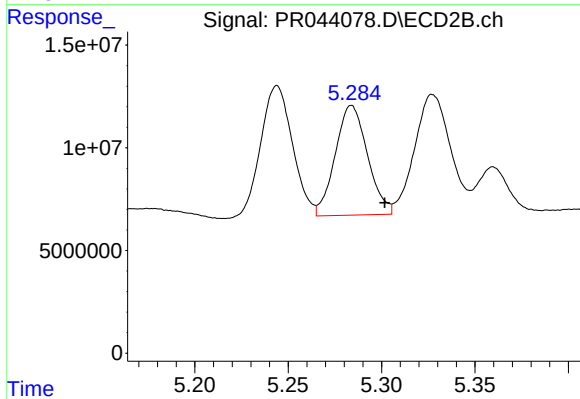
#21 AR-1248-1

R.T.: 5.047 min
Delta R.T.: -0.003 min
Response: 110307093
Conc: 479.42 ng/ml



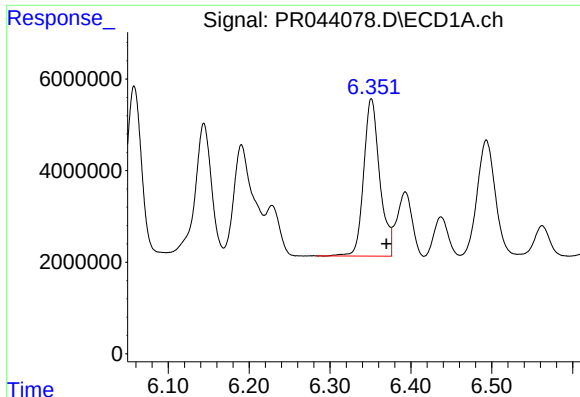
#22 AR-1248-2

R.T.: 6.144 min
Delta R.T.: -0.018 min
Response: 40095336
Conc: 292.45 ng/ml



#22 AR-1248-2

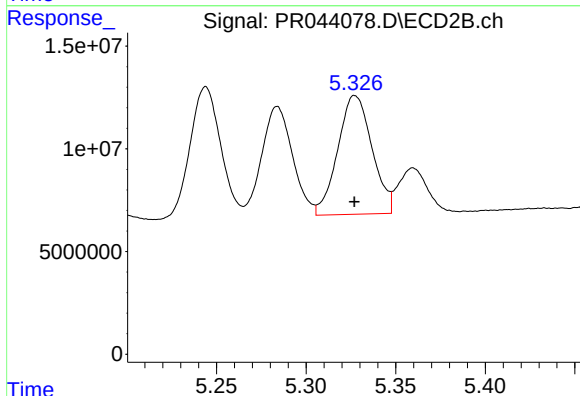
R.T.: 5.284 min
Delta R.T.: -0.018 min
Response: 64280994
Conc: 245.67 ng/ml



#23 AR-1248-3

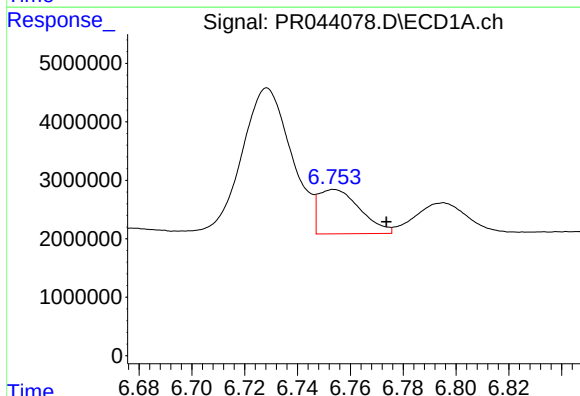
R.T.: 6.351 min
Delta R.T.: -0.019 min
Response: 47372284
Conc: 299.66 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



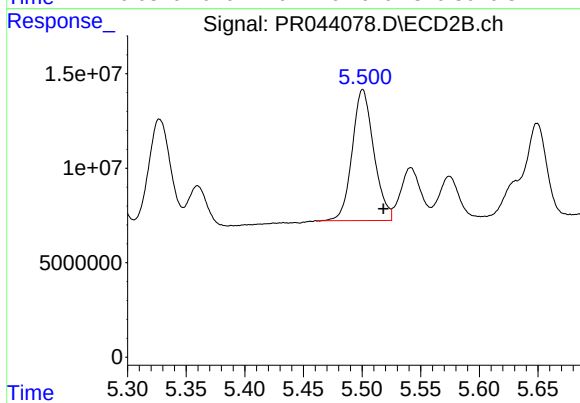
#23 AR-1248-3

R.T.: 5.327 min
Delta R.T.: 0.000 min
Response: 76997435
Conc: 290.83 ng/ml



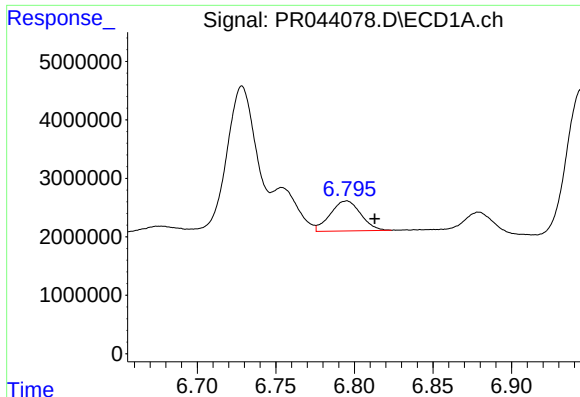
#24 AR-1248-4

R.T.: 6.754 min
Delta R.T.: -0.020 min
Response: 8299407
Conc: 42.74 ng/ml



#24 AR-1248-4

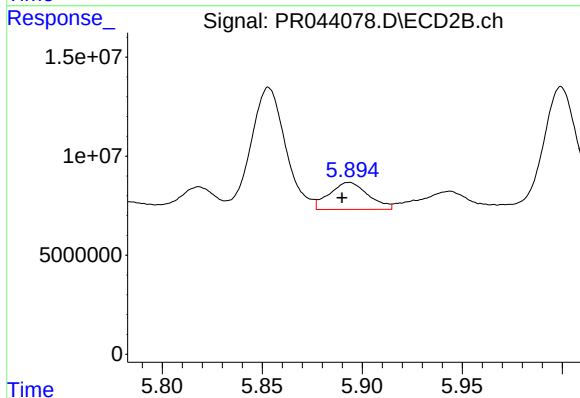
R.T.: 5.501 min
Delta R.T.: -0.018 min
Response: 89024190
Conc: 267.52 ng/ml



#25 AR-1248-5

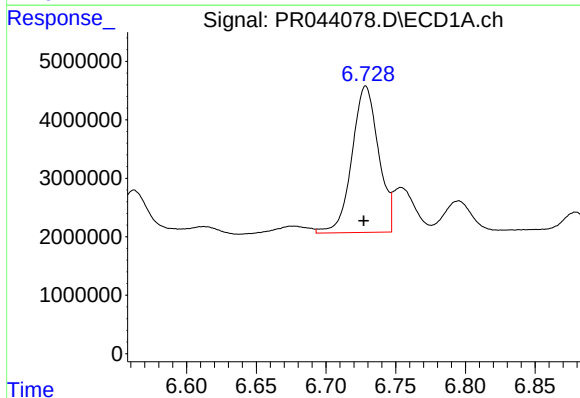
R.T.: 6.795 min
Delta R.T.: -0.018 min
Response: 6904147
Conc: 37.65 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



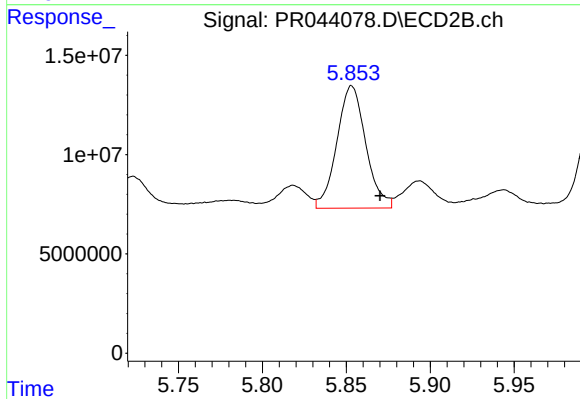
#25 AR-1248-5

R.T.: 5.893 min
Delta R.T.: 0.003 min
Response: 18399478
Conc: 45.01 ng/ml



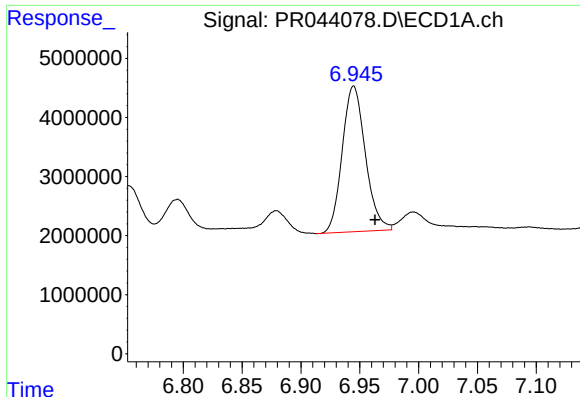
#26 AR-1254-1

R.T.: 6.729 min
Delta R.T.: 0.002 min
Response: 33152248
Conc: 173.47 ng/ml



#26 AR-1254-1

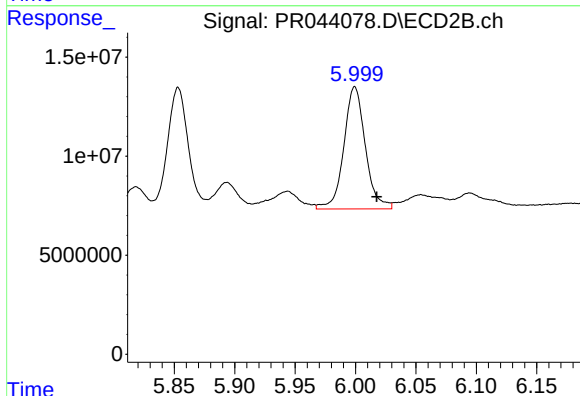
R.T.: 5.853 min
Delta R.T.: -0.017 min
Response: 73785499
Conc: 122.54 ng/ml



#27 AR-1254-2

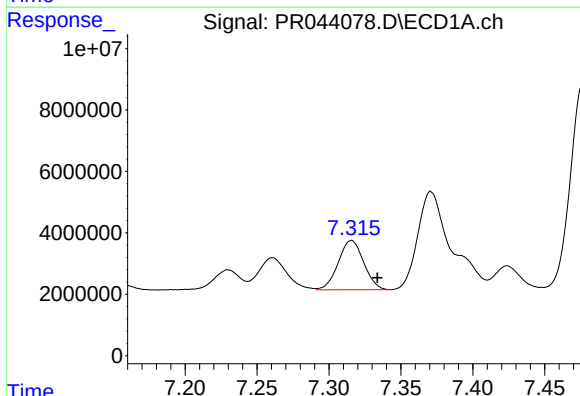
R.T.: 6.945 min
Delta R.T.: -0.018 min
Response: 33760256
Conc: 110.74 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



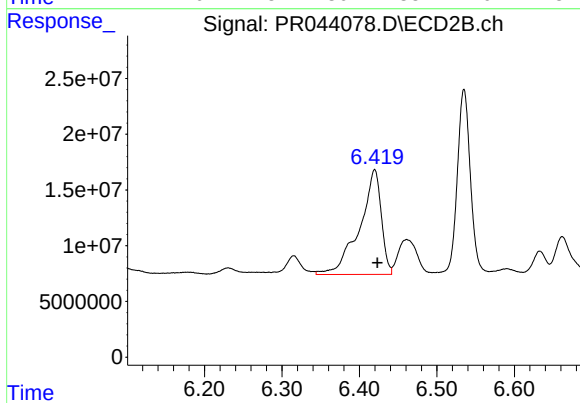
#27 AR-1254-2

R.T.: 5.999 min
Delta R.T.: -0.018 min
Response: 76472775
Conc: 140.92 ng/ml



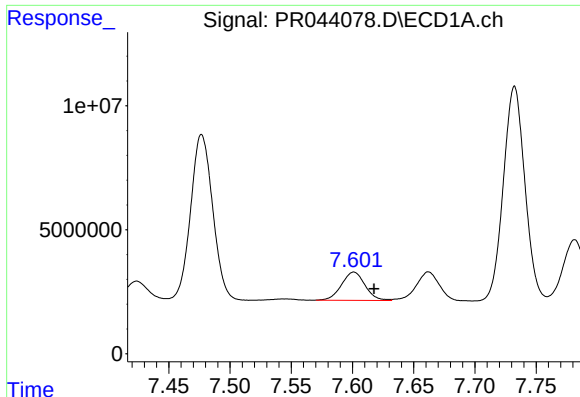
#28 AR-1254-3

R.T.: 7.316 min
Delta R.T.: -0.018 min
Response: 19878156
Conc: 57.64 ng/ml



#28 AR-1254-3

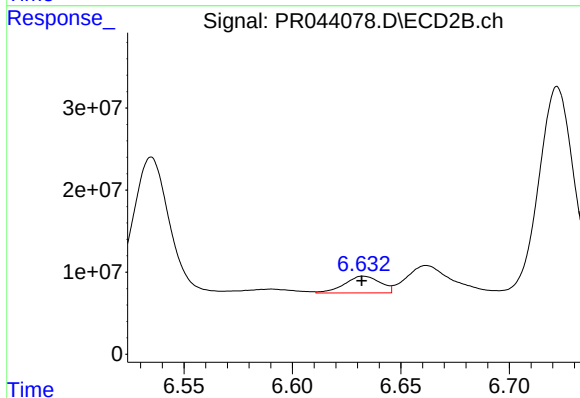
R.T.: 6.420 min
Delta R.T.: -0.003 min
Response: 183369631
Conc: 192.33 ng/ml



#29 AR-1254-4

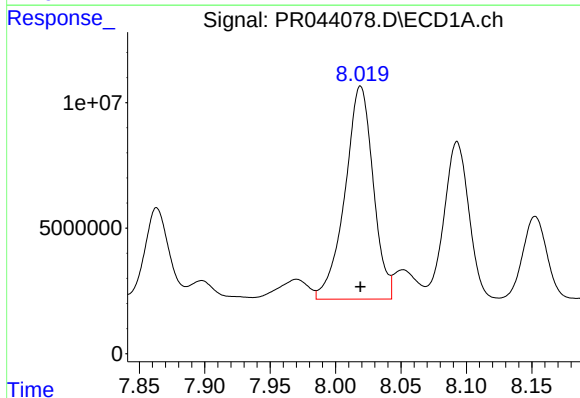
R.T.: 7.601 min
Delta R.T.: -0.017 min
Response: 15363065
Conc: 58.64 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



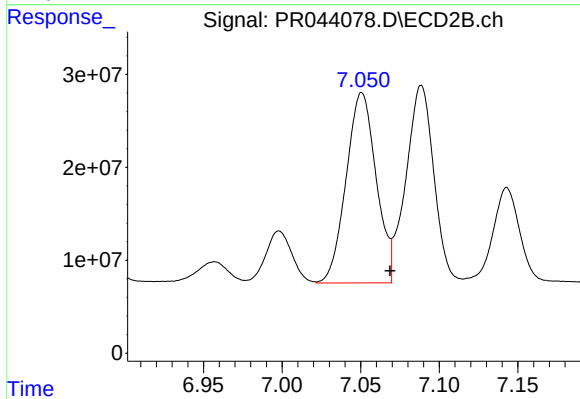
#29 AR-1254-4

R.T.: 6.633 min
Delta R.T.: 0.000 min
Response: 23404094
Conc: 35.29 ng/ml



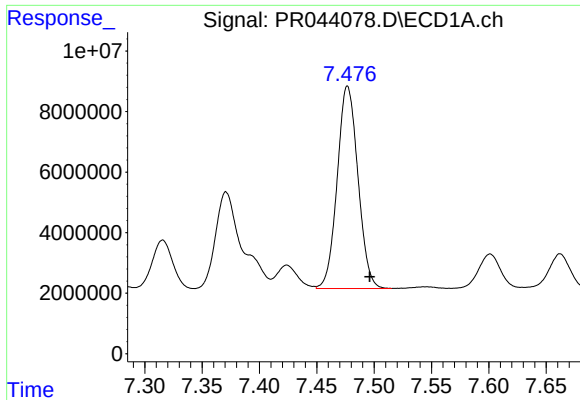
#30 AR-1254-5

R.T.: 8.019 min
Delta R.T.: 0.000 min
Response: 127282487
Conc: 449.16 ng/ml



#30 AR-1254-5

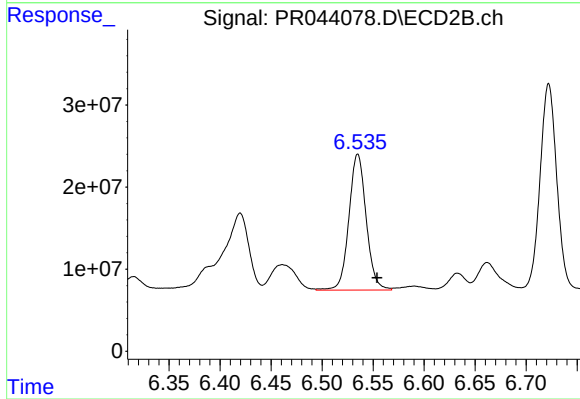
R.T.: 7.051 min
Delta R.T.: -0.018 min
Response: 272256451
Conc: 312.87 ng/ml



#31 AR-1260-1

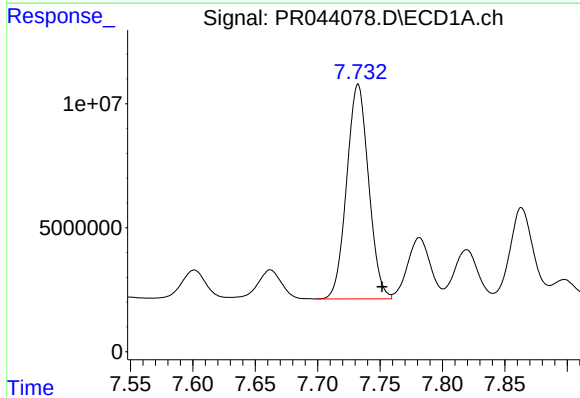
R.T.: 7.477 min
Delta R.T.: -0.019 min
Response: 84273267
Conc: 364.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



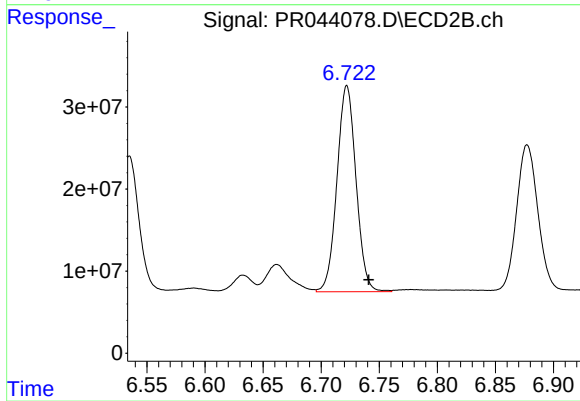
#31 AR-1260-1

R.T.: 6.535 min
Delta R.T.: -0.019 min
Response: 195702874
Conc: 358.11 ng/ml



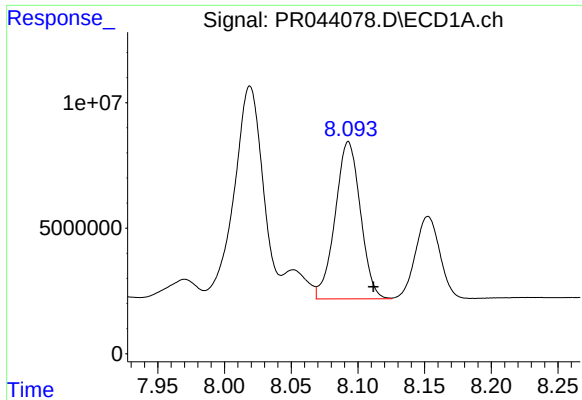
#32 AR-1260-2

R.T.: 7.732 min
Delta R.T.: -0.019 min
Response: 105884989
Conc: 371.10 ng/ml



#32 AR-1260-2

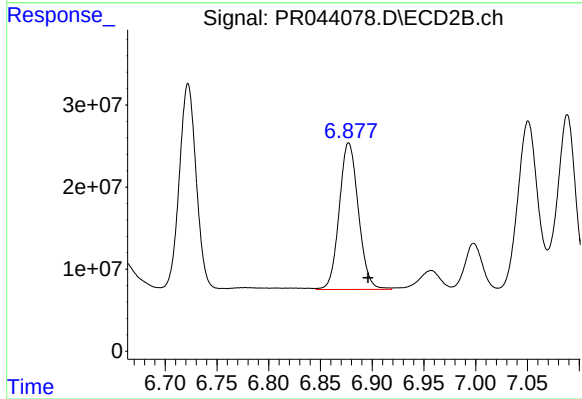
R.T.: 6.722 min
Delta R.T.: -0.019 min
Response: 286956607
Conc: 357.56 ng/ml



#33 AR-1260-3

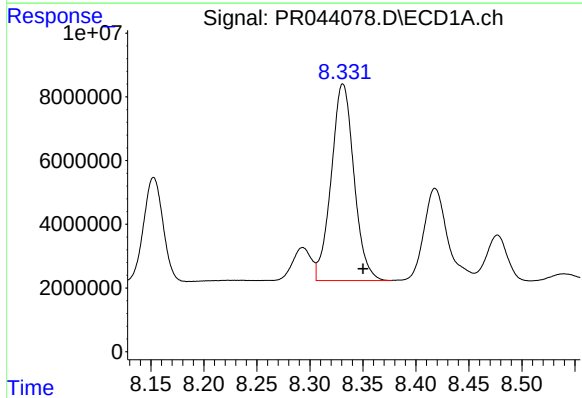
R.T.: 8.093 min
Delta R.T.: -0.019 min
Response: 82547090
Conc: 367.63 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



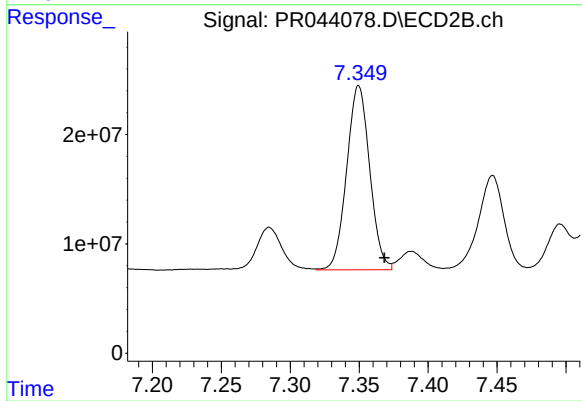
#33 AR-1260-3

R.T.: 6.877 min
Delta R.T.: -0.019 min
Response: 230580237
Conc: 345.25 ng/ml



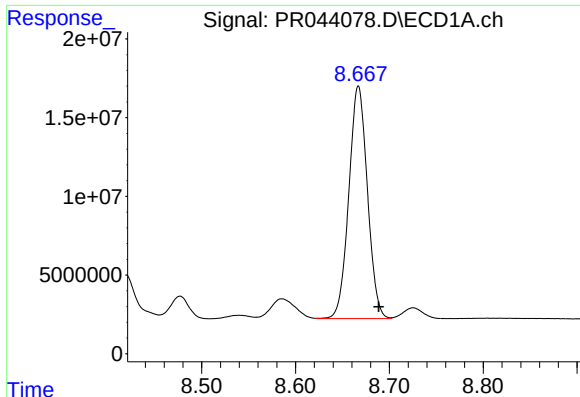
#34 AR-1260-4

R.T.: 8.331 min
Delta R.T.: -0.019 min
Response: 92132892
Conc: 355.81 ng/ml



#34 AR-1260-4

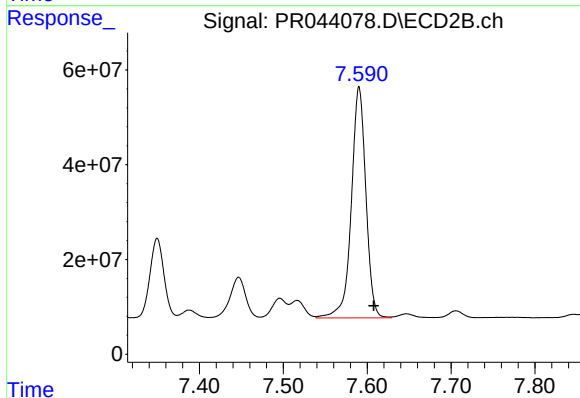
R.T.: 7.350 min
Delta R.T.: -0.019 min
Response: 195991224
Conc: 349.14 ng/ml



#35 AR-1260-5

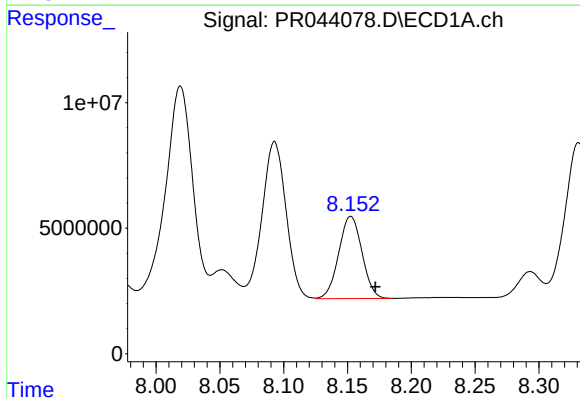
R.T.: 8.667 min
Delta R.T.: -0.022 min
Response: 203623861
Conc: 364.55 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



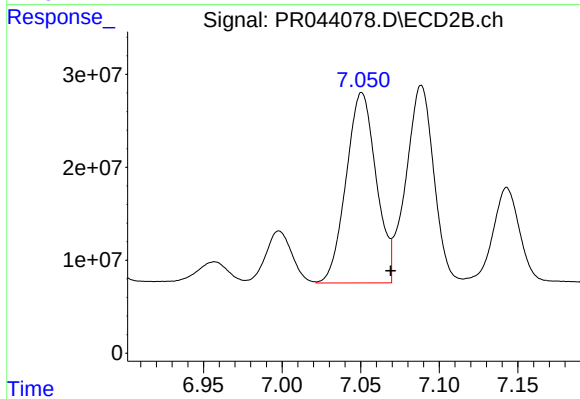
#35 AR-1260-5

R.T.: 7.590 min
Delta R.T.: -0.018 min
Response: 586438816
Conc: 348.37 ng/ml



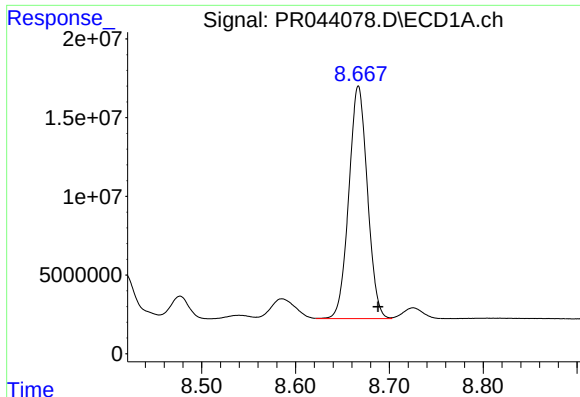
#36 AR-1262-1

R.T.: 8.153 min
Delta R.T.: -0.019 min
Response: 41607287
Conc: 289.26 ng/ml



#36 AR-1262-1

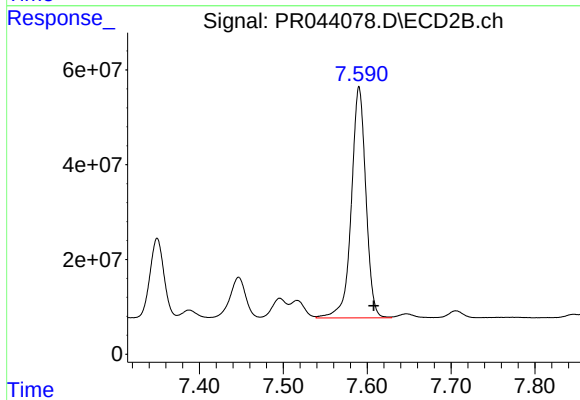
R.T.: 7.051 min
Delta R.T.: -0.018 min
Response: 272256451
Conc: 550.37 ng/ml



#37 AR-1262-2

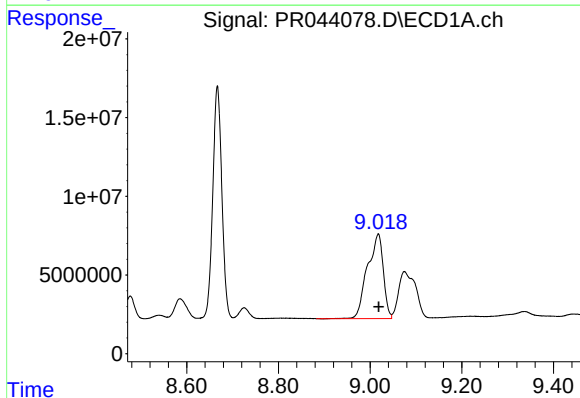
R.T.: 8.667 min
Delta R.T.: -0.021 min
Response: 203623861
Conc: 286.82 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



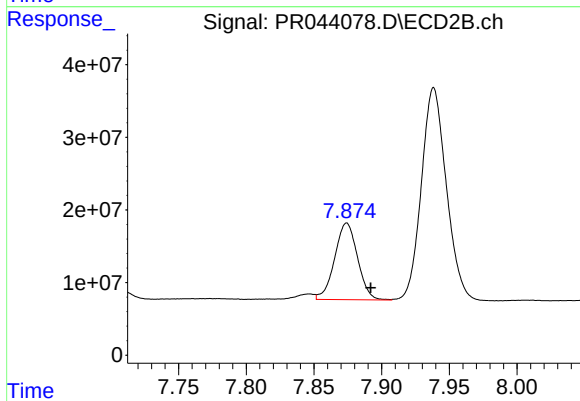
#37 AR-1262-2

R.T.: 7.590 min
Delta R.T.: -0.018 min
Response: 586438816
Conc: 269.70 ng/ml



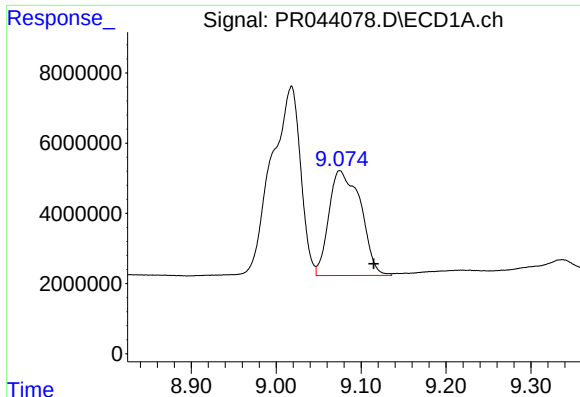
#38 AR-1262-3

R.T.: 9.018 min
Delta R.T.: 0.000 min
Response: 128913480
Conc: 279.86 ng/ml



#38 AR-1262-3

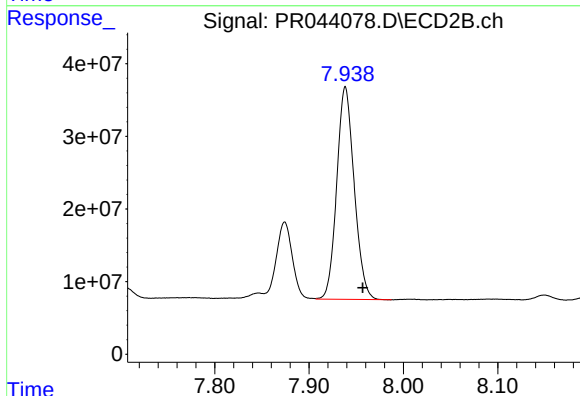
R.T.: 7.874 min
Delta R.T.: -0.018 min
Response: 124410025
Conc: 144.04 ng/ml



#39 AR-1262-4

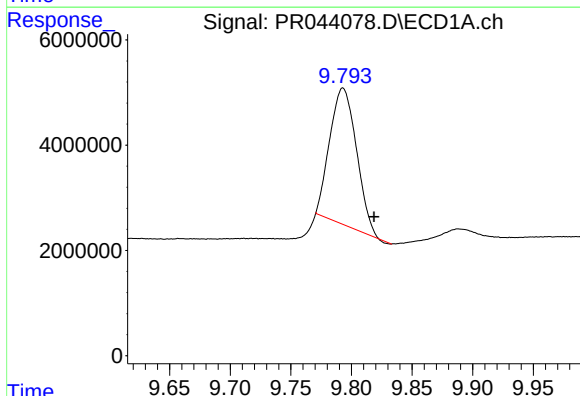
R.T.: 9.075 min
Delta R.T.: -0.040 min
Response: 77719046
Conc: 227.92 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



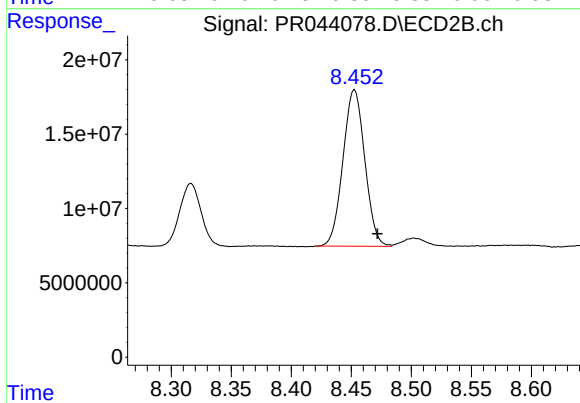
#39 AR-1262-4

R.T.: 7.938 min
Delta R.T.: -0.018 min
Response: 376209998
Conc: 264.58 ng/ml



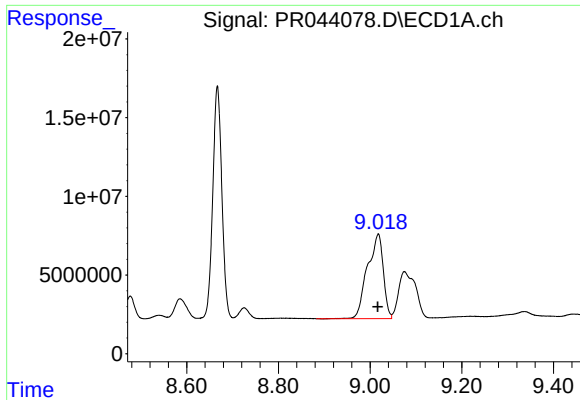
#40 AR-1262-5

R.T.: 9.793 min
Delta R.T.: -0.026 min
Response: 39754181
Conc: 165.59 ng/ml



#40 AR-1262-5

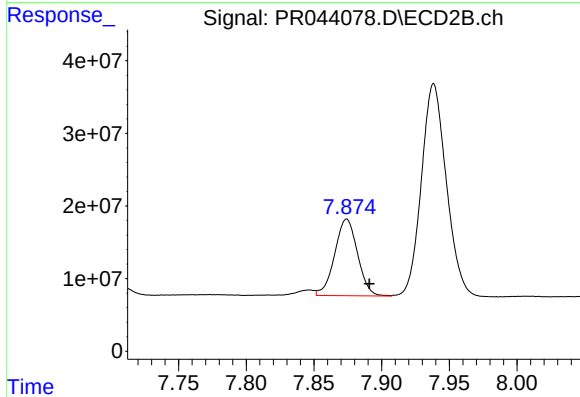
R.T.: 8.453 min
Delta R.T.: -0.019 min
Response: 133175800
Conc: 208.31 ng/ml



#41 AR-1268-1

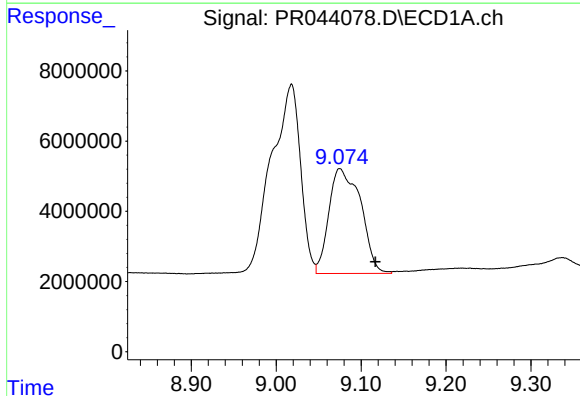
R.T.: 9.018 min
Delta R.T.: 0.001 min
Response: 128913480
Conc: 160.09 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



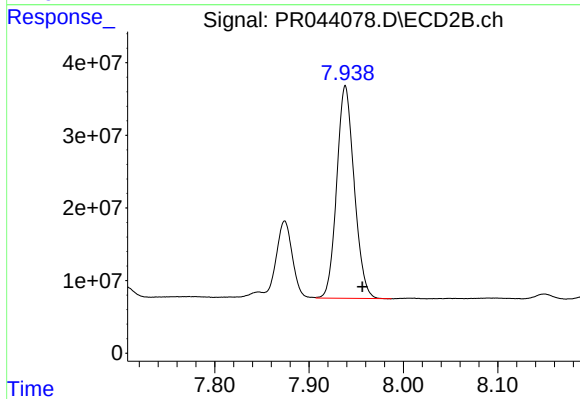
#41 AR-1268-1

R.T.: 7.874 min
Delta R.T.: -0.017 min
Response: 124410025
Conc: 50.88 ng/ml



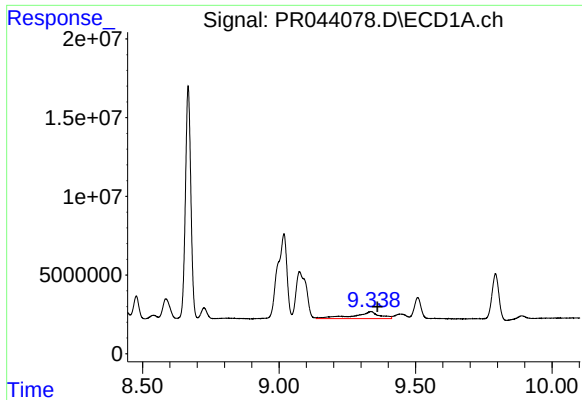
#42 AR-1268-2

R.T.: 9.075 min
Delta R.T.: -0.042 min
Response: 77719046
Conc: 105.48 ng/ml



#42 AR-1268-2

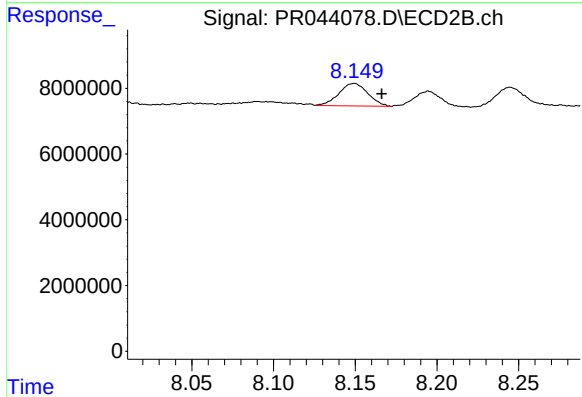
R.T.: 7.938 min
Delta R.T.: -0.018 min
Response: 376209998
Conc: 179.86 ng/ml



#43 AR-1268-3

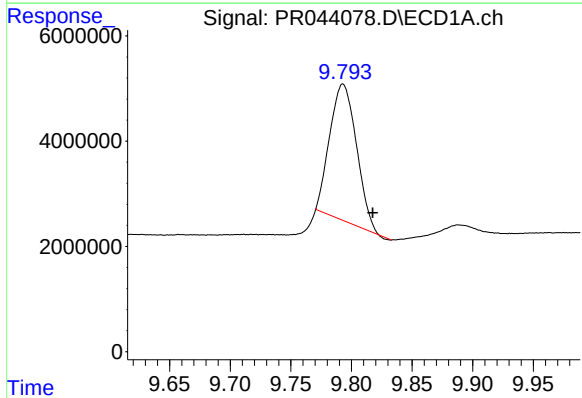
R.T.: 9.337 min
Delta R.T.: -0.023 min
Response: 30019312
Conc: 48.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



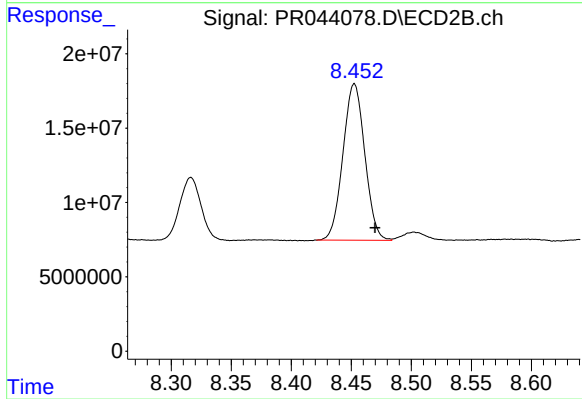
#43 AR-1268-3

R.T.: 8.149 min
Delta R.T.: -0.017 min
Response: 8478816
Conc: 4.71 ng/ml



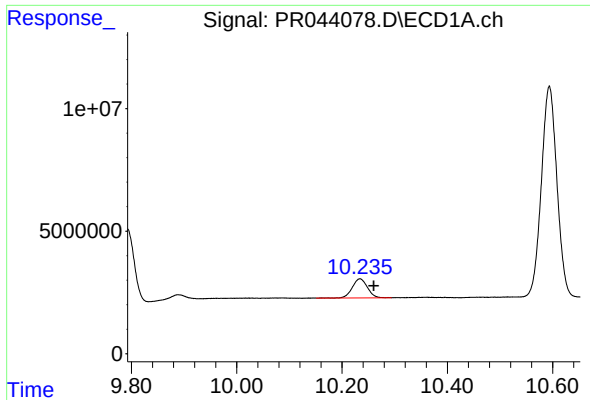
#44 AR-1268-4

R.T.: 9.793 min
Delta R.T.: -0.025 min
Response: 39754181
Conc: 150.27 ng/ml



#44 AR-1268-4

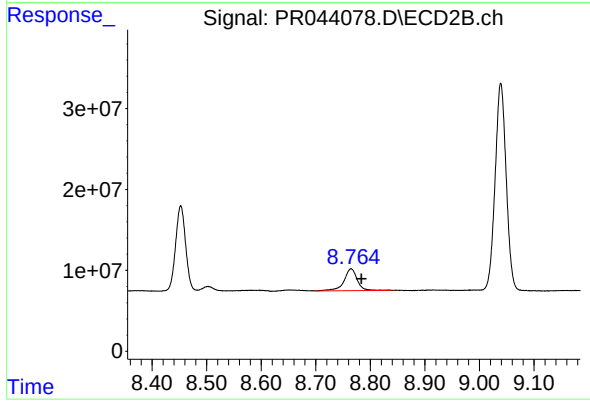
R.T.: 8.453 min
Delta R.T.: -0.017 min
Response: 133175800
Conc: 188.99 ng/ml



#45 AR-1268-5

R.T.: 10.234 min
Delta R.T.: -0.026 min
Response: 15362537
Conc: 7.45 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660390



#45 AR-1268-5

R.T.: 8.765 min
Delta R.T.: -0.019 min
Response: 45767260
Conc: 9.38 ng/ml