

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052319\
 Data File : PR038230.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 May 2019 17:53
 Operator : SM\MA
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :
 AR1660CCC500

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 24 07:19:39 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052319.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 24 07:01:56 2019
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ 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...	3.780	4.625	79962952	245.2E6	47.685	48.324
2)	SA Decachlor...	8.764	10.381	89417699	208.6E6	46.095	47.287
Target Compounds							
3)	L1 AR-1016-1	4.854	5.781	36824115	98812823	502.557	524.478
4)	L1 AR-1016-2	4.873	5.804	52823298	142.4E6	531.821	524.457
5)	L1 AR-1016-3	5.047	5.866	27651706	84316310	521.591	513.471
6)	L1 AR-1016-4	5.087	5.965	21897021	70292889	519.904	528.783
7)	L1 AR-1016-5	5.299	6.254	29259440	71641465	521.270	530.025
9)	L2 AR-1221-2	0.000	4.917	0	8859907	N.D.	170.777 #
10)	L2 AR-1221-3	4.153	4.993	15453648	40074697	259.371	238.765
11)	L3 AR-1232-1	4.153	4.993	15453648	40074697	341.402	307.141
12)	L3 AR-1232-2	4.873	5.517	52823298	61816370	1117.843	942.312
13)	L3 AR-1232-3	5.047	5.804	27651706	142.4E6	1196.004	1037.011
14)	L3 AR-1232-4	5.129	5.965	26753035	70292889	1621.007	1083.038 #
15)	L3 AR-1232-5	5.299	6.050	29259440	54845541	884.720	1172.097 #
16)	L4 AR-1242-1	4.854	5.781	36824115	98812823	542.227	563.460
17)	L4 AR-1242-2	4.873	5.804	52823298	142.4E6	567.571	564.495
18)	L4 AR-1242-3	5.047	5.866	27651706	84316310	561.570	554.855
19)	L4 AR-1242-4	5.129	5.965	26753035	70292889	573.664	557.337
20)	L4 AR-1242-5	5.647	6.692	20844249	10338251	331.781	75.236 #
21)	L5 AR-1248-1	4.854	5.781	36824115	98812823	669.158	687.337
22)	L5 AR-1248-2	5.087	6.050	21897021	54845541	312.980	286.968
23)	L5 AR-1248-3	5.129	6.254	26753035	71641465	373.959	326.756
24)	L5 AR-1248-4	5.299	6.651	29259440	11486337	284.675	44.585 #
25)	L5 AR-1248-5	5.647	6.692	20844249	10338251	240.822	42.418 #
26)	L6 AR-1254-1	5.647	6.627	20844249	48720347	142.269	182.307 #
27)	L6 AR-1254-2	5.792	6.840	18945521	47791303	150.352	119.054
28)	L6 AR-1254-3	6.206	7.206	47851291	34632599	232.614	76.787 #
29)	L6 AR-1254-4	6.418	7.487	6271107	41757574	44.456	131.860 #
30)	L6 AR-1254-5	6.832	7.902	75546931	179.2E6	420.567	517.139
31)	L7 AR-1260-1	6.321	7.366	54997530	124.5E6	513.515	522.070
32)	L7 AR-1260-2	6.505	7.619	74376770	152.6E6	504.677	533.494
33)	L7 AR-1260-3	6.660	7.974	63041690	111.5E6	517.619	523.899
34)	L7 AR-1260-4	7.129	8.204	52157503	127.9E6	530.070	516.688
35)	L7 AR-1260-5	7.367	8.531	142.3E6	268.8E6	522.453	524.180
36)	L8 AR-1262-1	6.923	7.974	30755618	111.5E6	309.341	236.112
37)	L8 AR-1262-2	7.367	8.531	142.3E6	268.8E6	301.588	308.716
38)	L8 AR-1262-3	7.651	8.868	32029661	161.8E6	180.971	297.003 #
39)	L8 AR-1262-4	7.714	8.925	93577216	96980111	297.684	242.973
40)	L8 AR-1262-5	8.211	9.614	32802622	69875357	241.883	256.263
41)	L9 AR-1268-1	7.651	8.868	32029661	161.8E6	55.476	162.752 #
42)	L9 AR-1268-2	7.714	8.925	93577216	96980111	184.197	106.566 #
44)	L9 AR-1268-4	8.211	9.614	32802622	69875357	184.750	203.500

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_R\Data\PR052319\
Data File : PR038230.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 May 2019 17:53
Operator : SM\MA
Sample : AR1660CCC500
Misc :
ALS Vial : 3 Sample Multiplier: 1

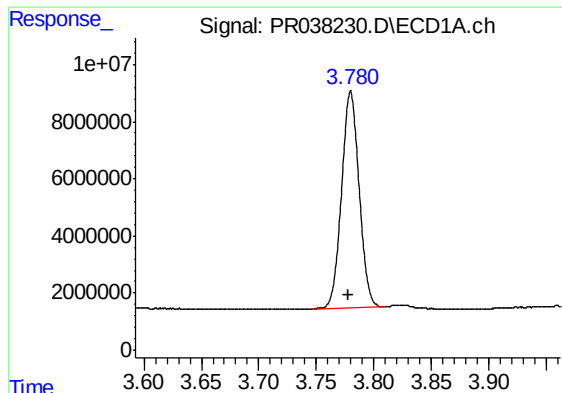
Instrument :
ECD_R
ClientSampleId :
AR1660CCC500

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 24 07:19:39 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_R\Method\PR052319.M
Quant Title : GC EXTRACTABLES
QLast Update : Fri May 24 07:01:56 2019
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
45) L9	AR-1268-5	8.506	10.037	8198222	18161360	6.131	6.939

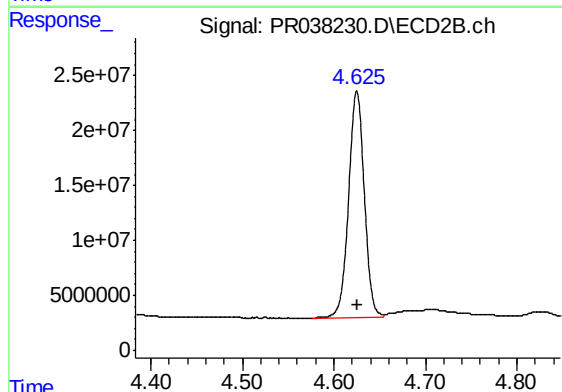
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

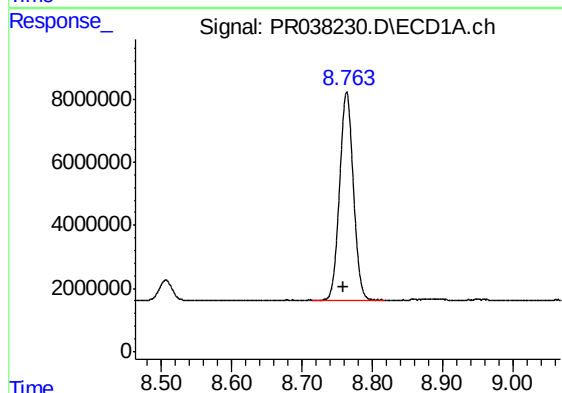
R.T.: 3.780 min
Delta R.T.: 0.002 min
Response: 79962952
Conc: 47.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



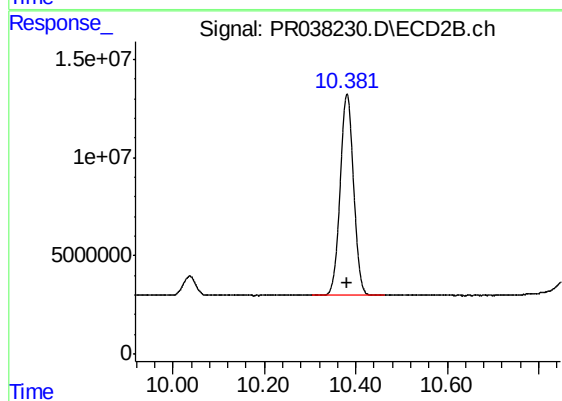
#1 Tetrachloro-m-xylene

R.T.: 4.625 min
Delta R.T.: 0.000 min
Response: 245171229
Conc: 48.32 ng/ml



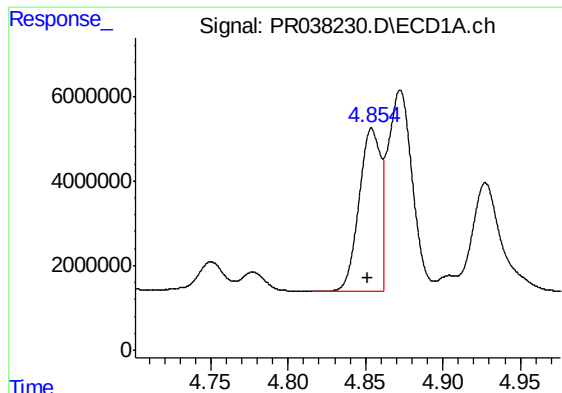
#2 Decachlorobiphenyl

R.T.: 8.764 min
Delta R.T.: 0.004 min
Response: 89417699
Conc: 46.09 ng/ml



#2 Decachlorobiphenyl

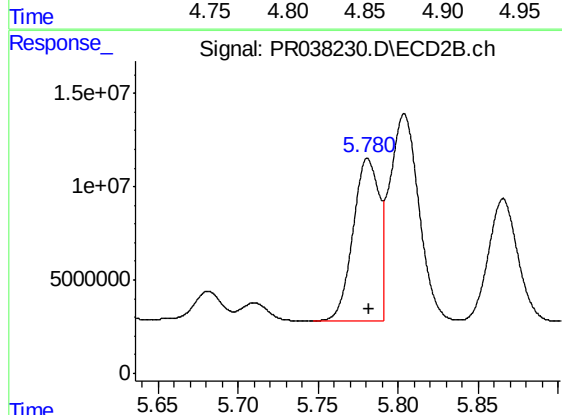
R.T.: 10.381 min
Delta R.T.: 0.000 min
Response: 208583446
Conc: 47.29 ng/ml



#3 AR-1016-1

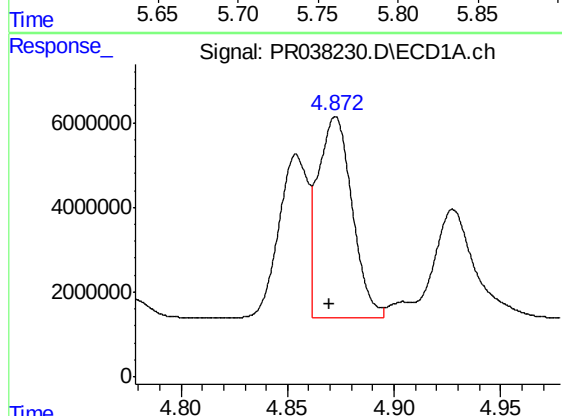
R.T.: 4.854 min
Delta R.T.: 0.003 min
Response: 36824115
Conc: 502.56 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



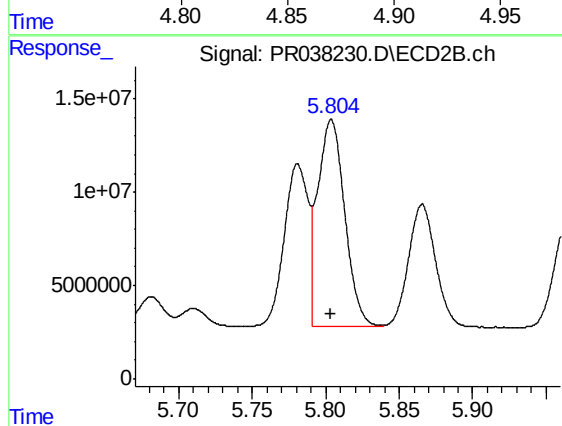
#3 AR-1016-1

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 98812823
Conc: 524.48 ng/ml



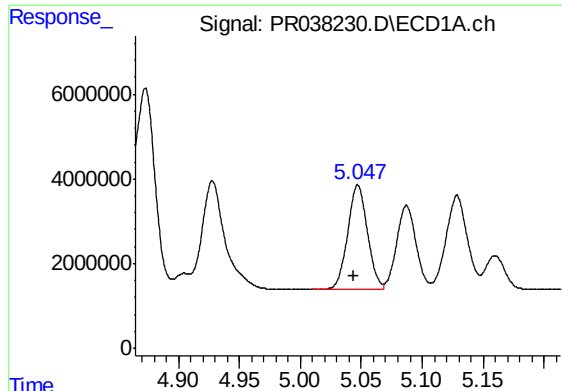
#4 AR-1016-2

R.T.: 4.873 min
Delta R.T.: 0.003 min
Response: 52823298
Conc: 531.82 ng/ml



#4 AR-1016-2

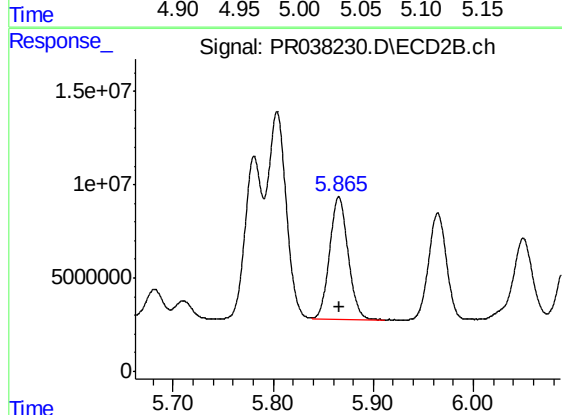
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 142440445
Conc: 524.46 ng/ml



#5 AR-1016-3

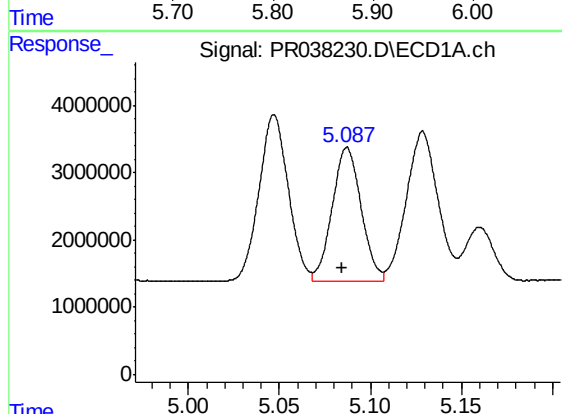
R.T.: 5.047 min
Delta R.T.: 0.003 min
Response: 27651706
Conc: 521.59 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



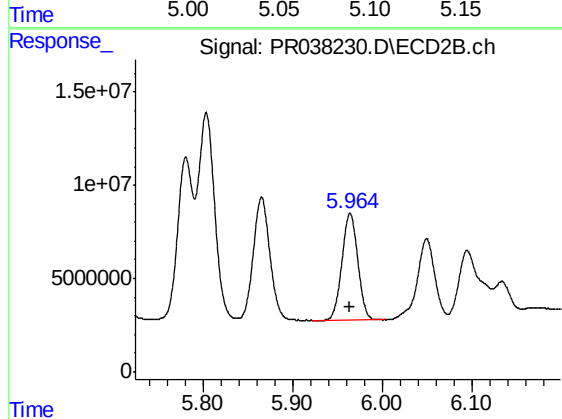
#5 AR-1016-3

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 84316310
Conc: 513.47 ng/ml



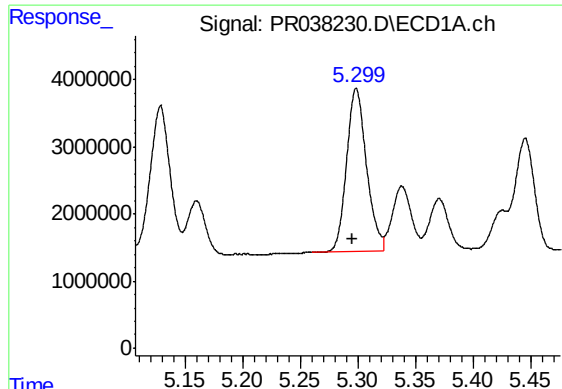
#6 AR-1016-4

R.T.: 5.087 min
Delta R.T.: 0.003 min
Response: 21897021
Conc: 519.90 ng/ml



#6 AR-1016-4

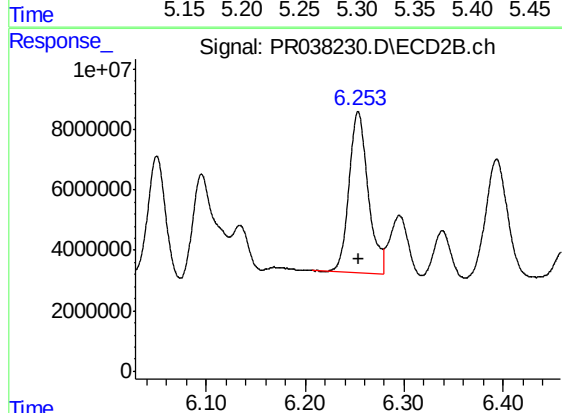
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 70292889
Conc: 528.78 ng/ml



#7 AR-1016-5

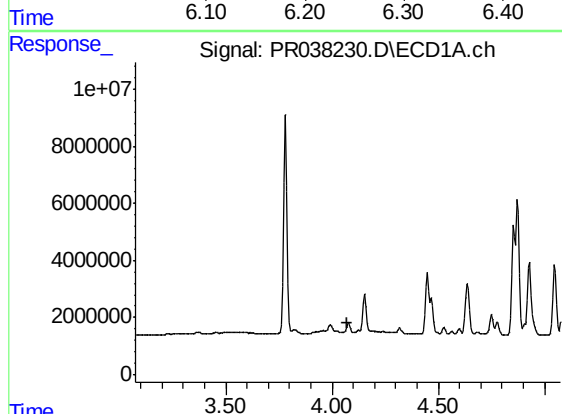
R.T.: 5.299 min
Delta R.T.: 0.003 min
Response: 29259440
Conc: 521.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



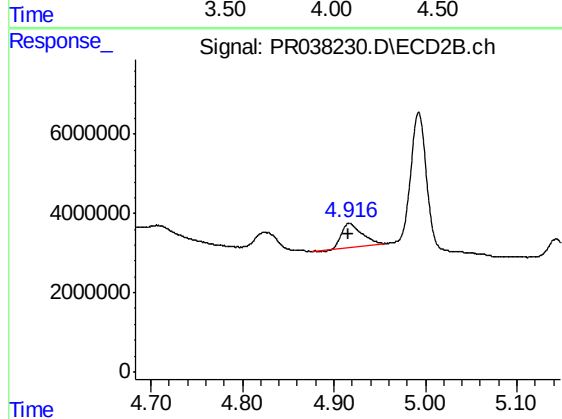
#7 AR-1016-5

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 71641465
Conc: 530.02 ng/ml



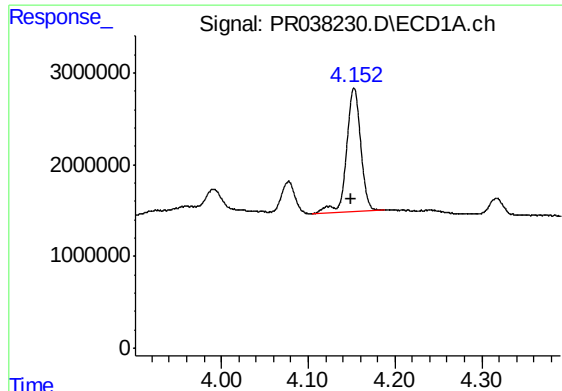
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 4.075 min
Response: 0
Conc: N.D.



#9 AR-1221-2

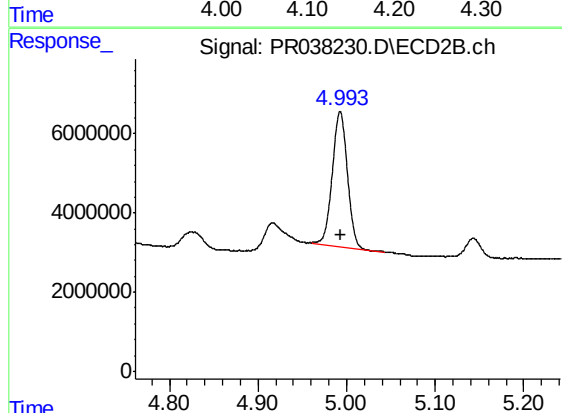
R.T.: 4.917 min
Delta R.T.: 0.000 min
Response: 8859907
Conc: 170.78 ng/ml



#10 AR-1221-3

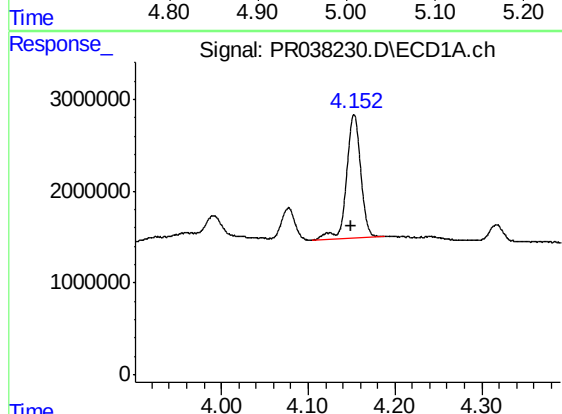
R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 15453648
Conc: 259.37 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



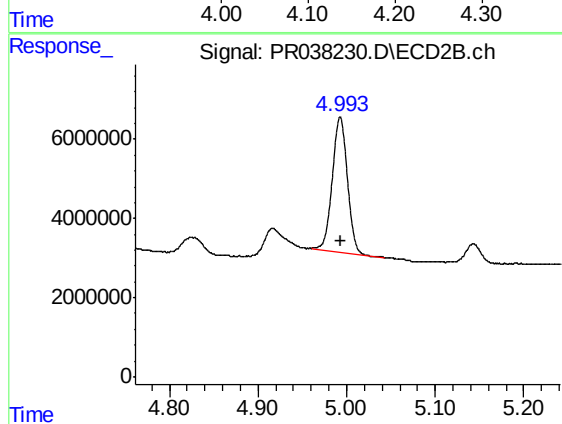
#10 AR-1221-3

R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 40074697
Conc: 238.77 ng/ml



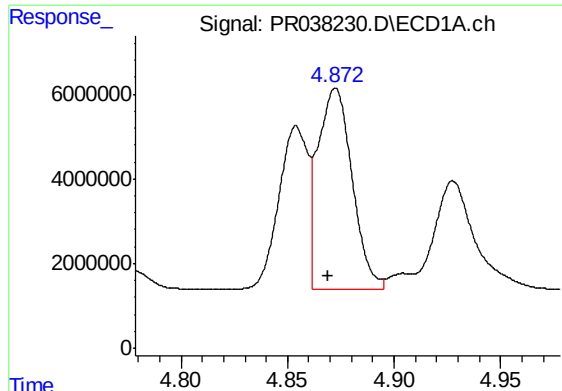
#11 AR-1232-1

R.T.: 4.153 min
Delta R.T.: 0.003 min
Response: 15453648
Conc: 341.40 ng/ml



#11 AR-1232-1

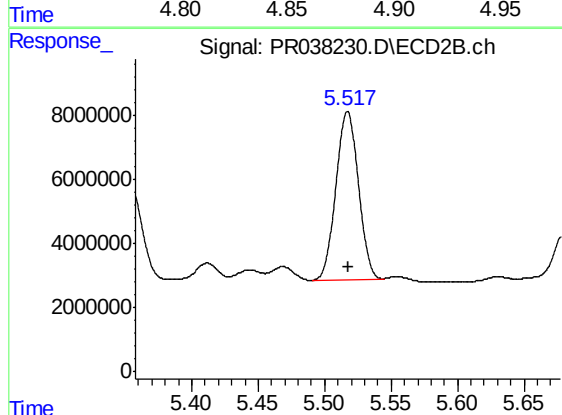
R.T.: 4.993 min
Delta R.T.: 0.000 min
Response: 40074697
Conc: 307.14 ng/ml



#12 AR-1232-2

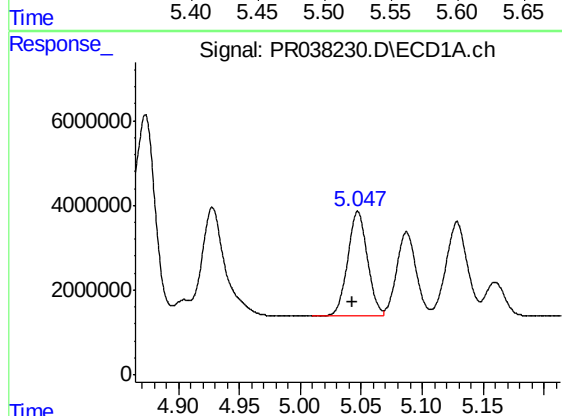
R.T.: 4.873 min
Delta R.T.: 0.004 min
Response: 52823298
Conc: 1117.84 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



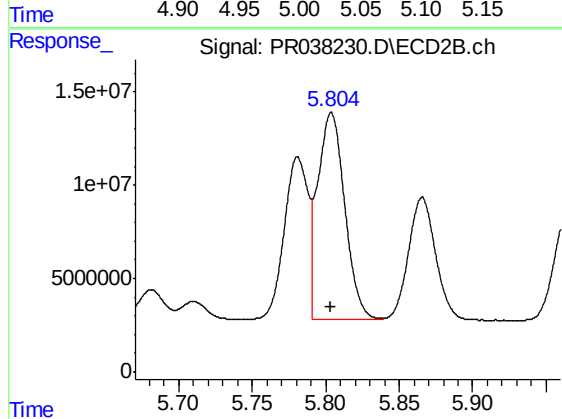
#12 AR-1232-2

R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 61816370
Conc: 942.31 ng/ml



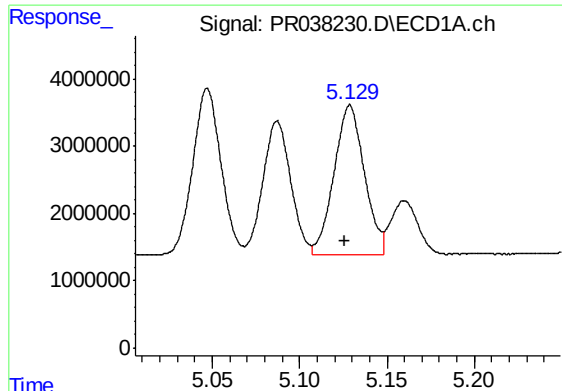
#13 AR-1232-3

R.T.: 5.047 min
Delta R.T.: 0.004 min
Response: 27651706
Conc: 1196.00 ng/ml



#13 AR-1232-3

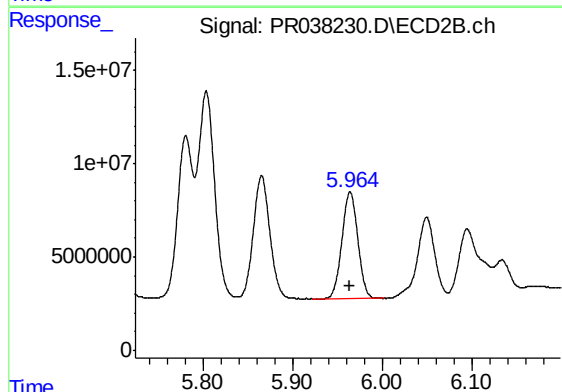
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 142440445
Conc: 1037.01 ng/ml



#14 AR-1232-4

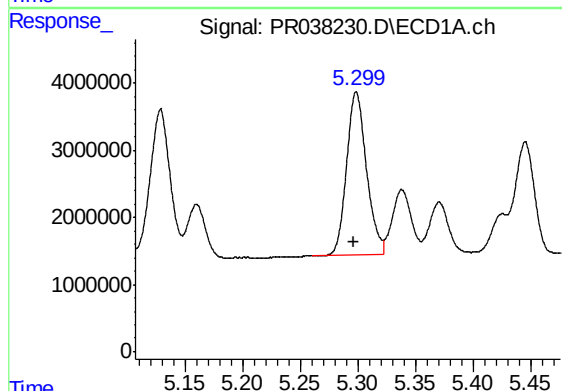
R.T.: 5.129 min
Delta R.T.: 0.003 min
Response: 26753035
Conc: 1621.01 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



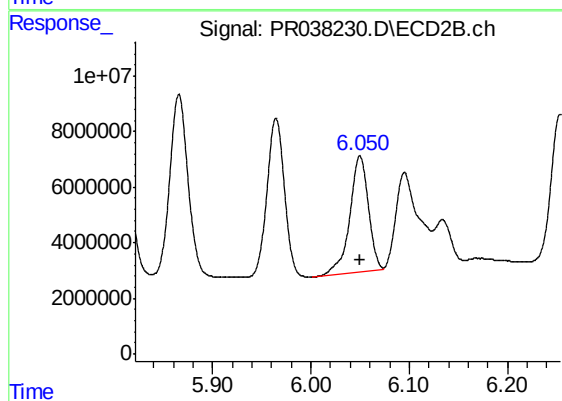
#14 AR-1232-4

R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 70292889
Conc: 1083.04 ng/ml



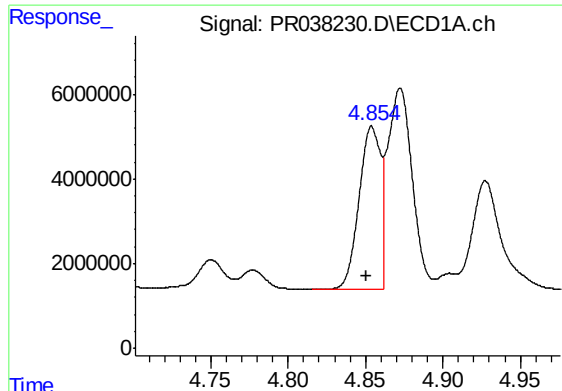
#15 AR-1232-5

R.T.: 5.299 min
Delta R.T.: 0.002 min
Response: 29259440
Conc: 884.72 ng/ml



#15 AR-1232-5

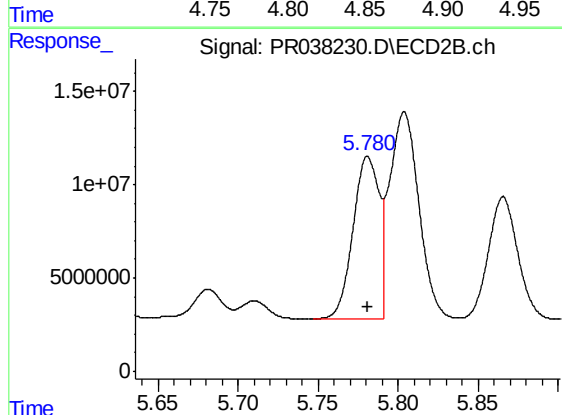
R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 54845541
Conc: 1172.10 ng/ml



#16 AR-1242-1

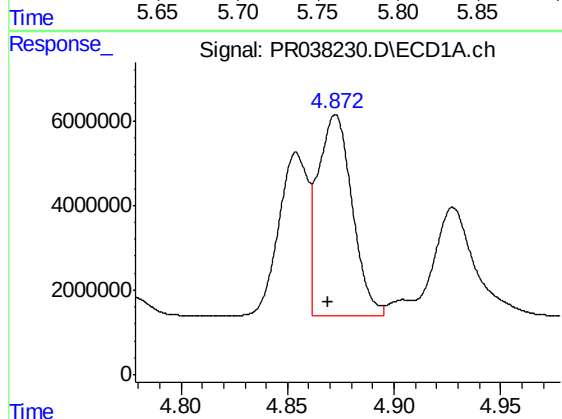
R.T.: 4.854 min
Delta R.T.: 0.003 min
Response: 36824115
Conc: 542.23 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



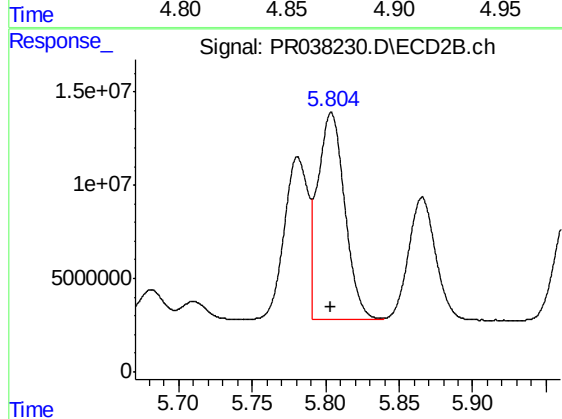
#16 AR-1242-1

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 98812823
Conc: 563.46 ng/ml



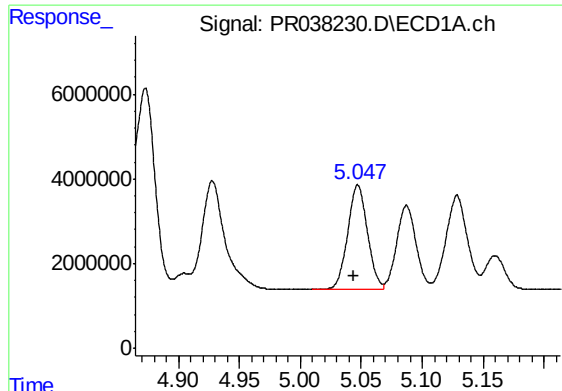
#17 AR-1242-2

R.T.: 4.873 min
Delta R.T.: 0.003 min
Response: 52823298
Conc: 567.57 ng/ml



#17 AR-1242-2

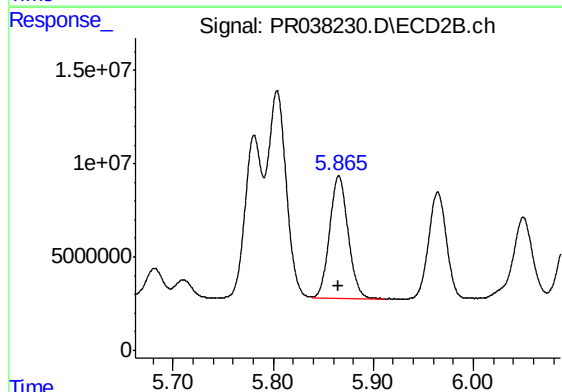
R.T.: 5.804 min
Delta R.T.: 0.000 min
Response: 142440445
Conc: 564.50 ng/ml



#18 AR-1242-3

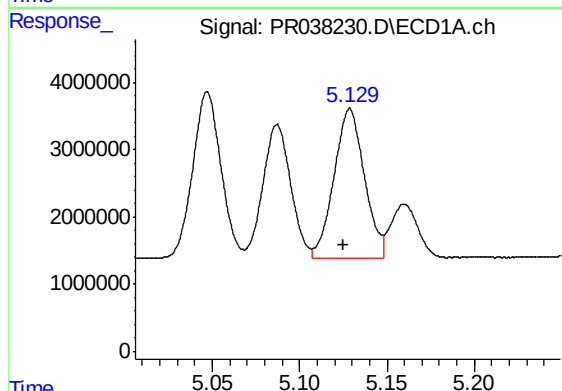
R.T.: 5.047 min
Delta R.T.: 0.003 min
Response: 27651706
Conc: 561.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



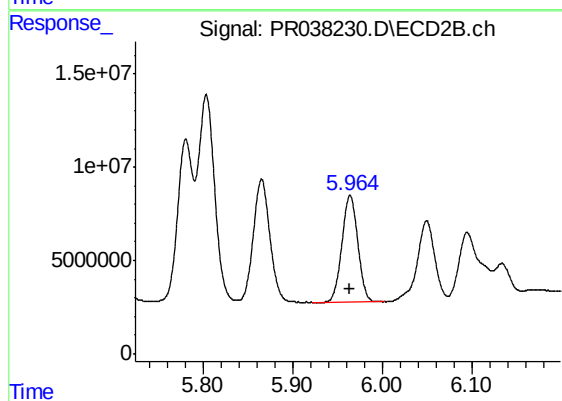
#18 AR-1242-3

R.T.: 5.866 min
Delta R.T.: 0.000 min
Response: 84316310
Conc: 554.85 ng/ml



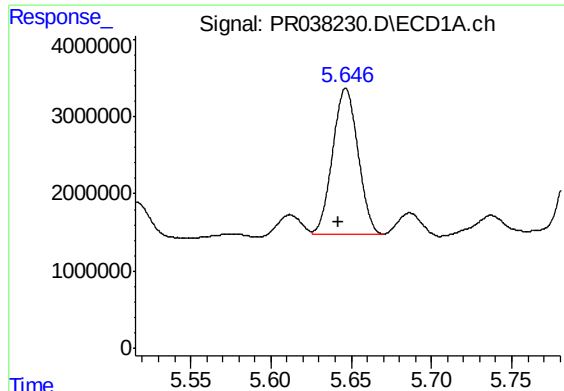
#19 AR-1242-4

R.T.: 5.129 min
Delta R.T.: 0.003 min
Response: 26753035
Conc: 573.66 ng/ml



#19 AR-1242-4

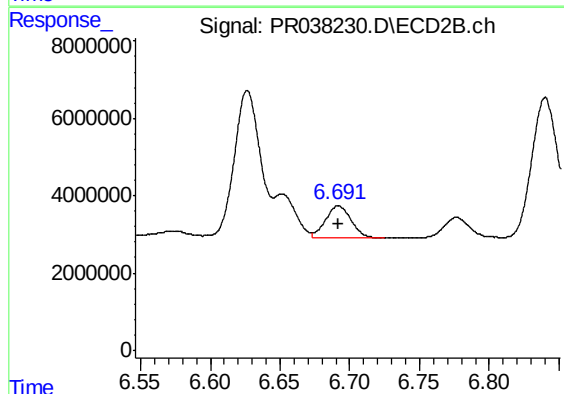
R.T.: 5.965 min
Delta R.T.: 0.000 min
Response: 70292889
Conc: 557.34 ng/ml



#20 AR-1242-5

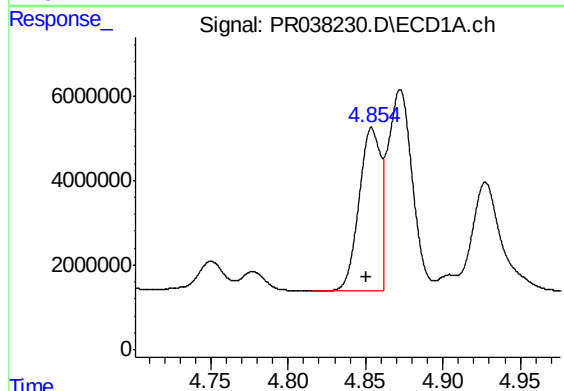
R.T.: 5.647 min
Delta R.T.: 0.005 min
Response: 20844249
Conc: 331.78 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



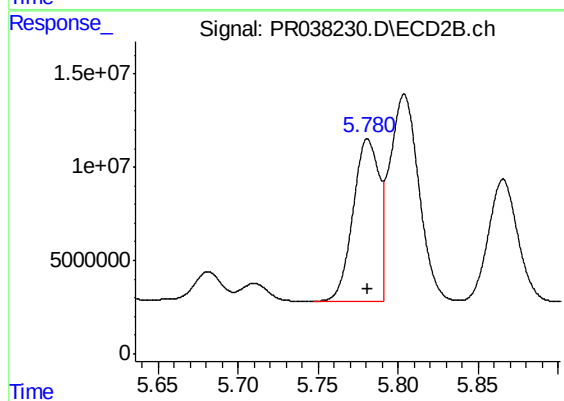
#20 AR-1242-5

R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 10338251
Conc: 75.24 ng/ml



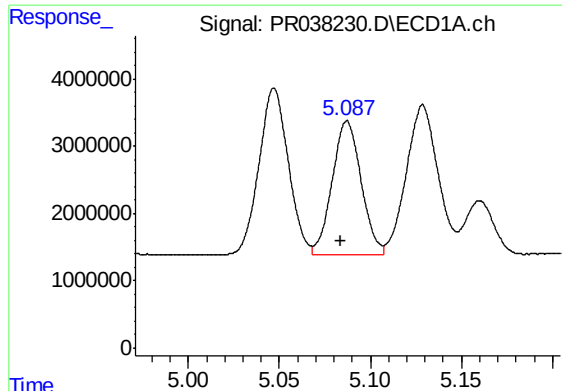
#21 AR-1248-1

R.T.: 4.854 min
Delta R.T.: 0.004 min
Response: 36824115
Conc: 669.16 ng/ml



#21 AR-1248-1

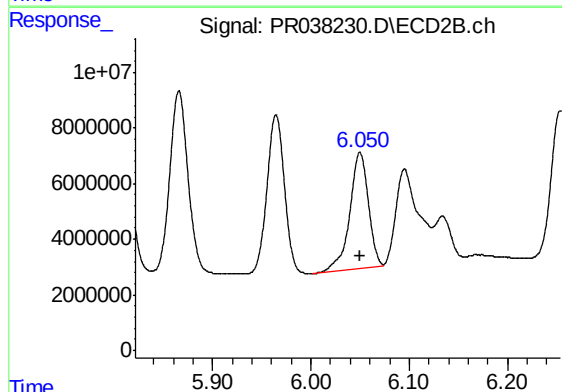
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 98812823
Conc: 687.34 ng/ml



#22 AR-1248-2

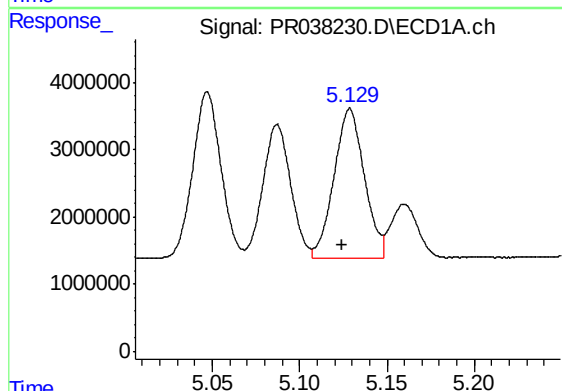
R.T.: 5.087 min
Delta R.T.: 0.004 min
Response: 21897021
Conc: 312.98 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



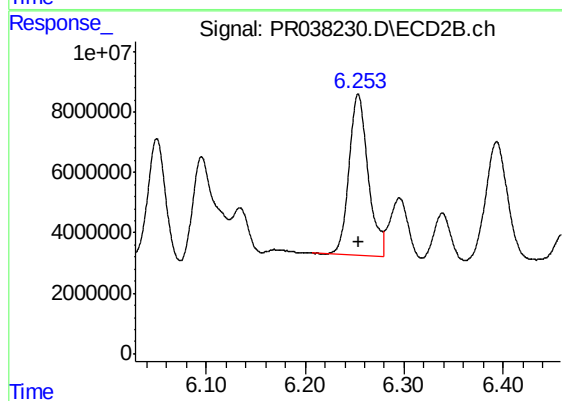
#22 AR-1248-2

R.T.: 6.050 min
Delta R.T.: 0.000 min
Response: 54845541
Conc: 286.97 ng/ml



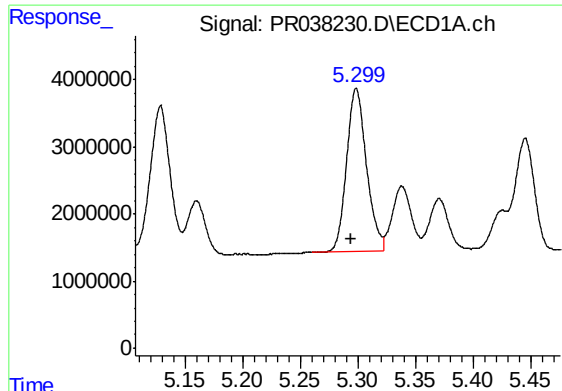
#23 AR-1248-3

R.T.: 5.129 min
Delta R.T.: 0.004 min
Response: 26753035
Conc: 373.96 ng/ml



#23 AR-1248-3

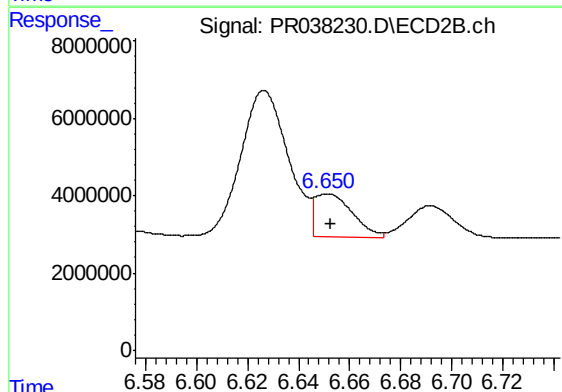
R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 71641465
Conc: 326.76 ng/ml



#24 AR-1248-4

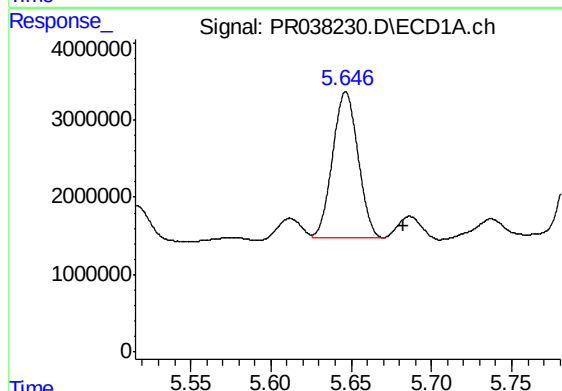
R.T.: 5.299 min
Delta R.T.: 0.004 min
Response: 29259440
Conc: 284.67 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



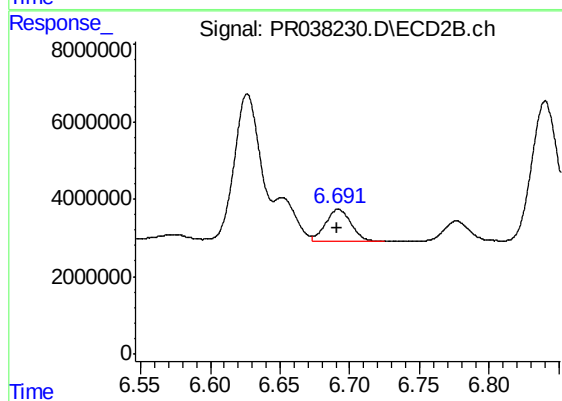
#24 AR-1248-4

R.T.: 6.651 min
Delta R.T.: -0.001 min
Response: 11486337
Conc: 44.59 ng/ml



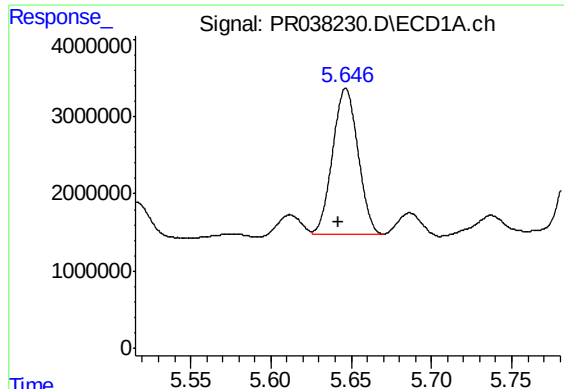
#25 AR-1248-5

R.T.: 5.647 min
Delta R.T.: -0.036 min
Response: 20844249
Conc: 240.82 ng/ml



#25 AR-1248-5

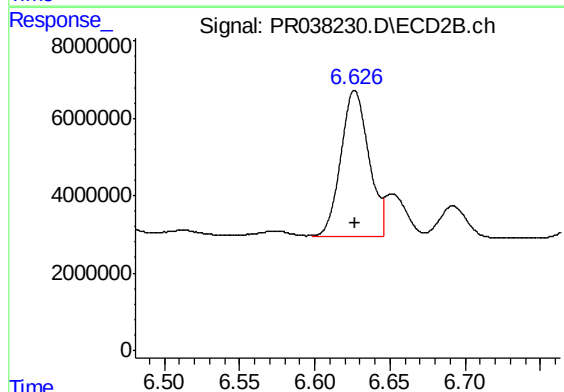
R.T.: 6.692 min
Delta R.T.: 0.000 min
Response: 10338251
Conc: 42.42 ng/ml



#26 AR-1254-1

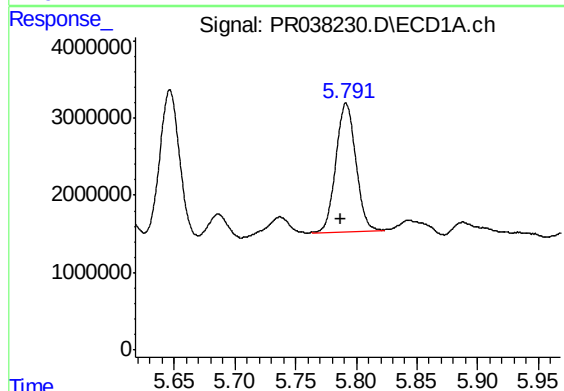
R.T.: 5.647 min
Delta R.T.: 0.005 min
Response: 20844249
Conc: 142.27 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



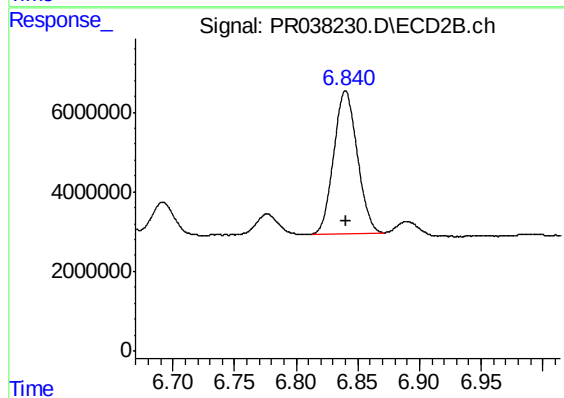
#26 AR-1254-1

R.T.: 6.627 min
Delta R.T.: 0.000 min
Response: 48720347
Conc: 182.31 ng/ml



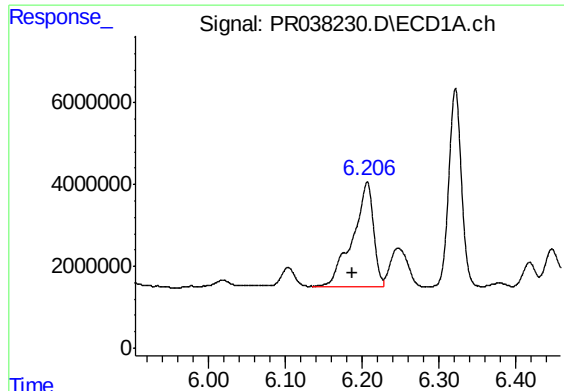
#27 AR-1254-2

R.T.: 5.792 min
Delta R.T.: 0.005 min
Response: 18945521
Conc: 150.35 ng/ml



#27 AR-1254-2

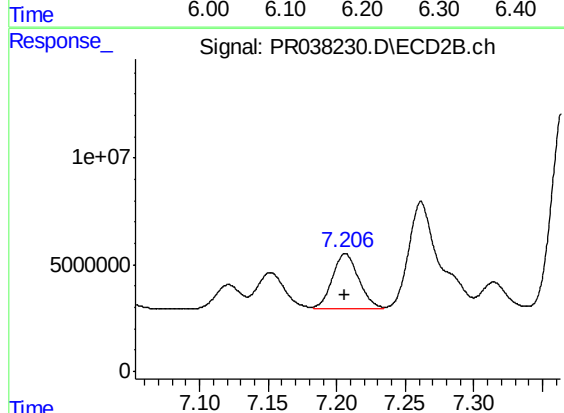
R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 47791303
Conc: 119.05 ng/ml



#28 AR-1254-3

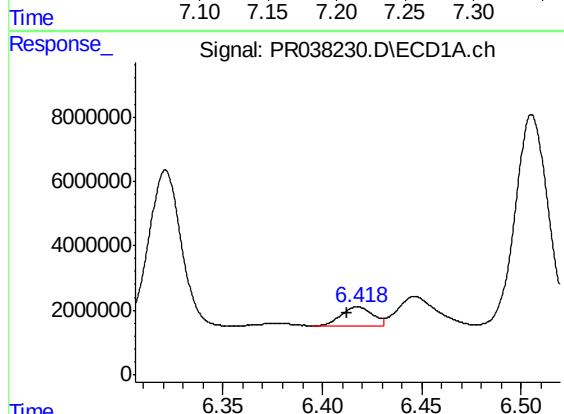
R.T.: 6.206 min
Delta R.T.: 0.019 min
Response: 47851291
Conc: 232.61 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



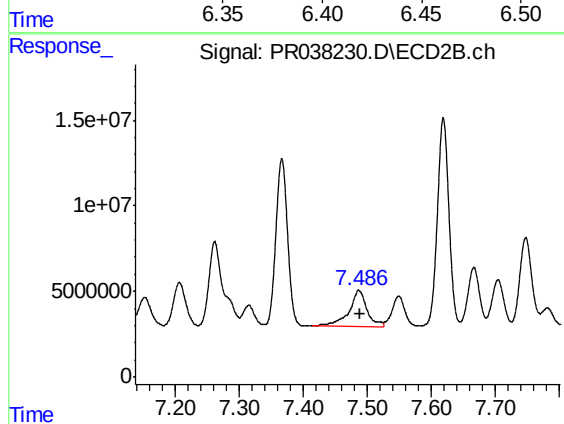
#28 AR-1254-3

R.T.: 7.206 min
Delta R.T.: 0.000 min
Response: 34632599
Conc: 76.79 ng/ml



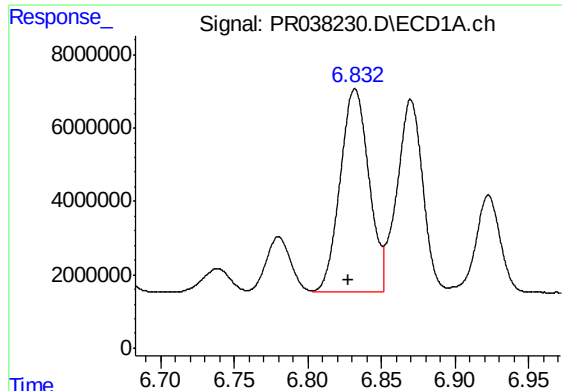
#29 AR-1254-4

R.T.: 6.418 min
Delta R.T.: 0.005 min
Response: 6271107
Conc: 44.46 ng/ml



#29 AR-1254-4

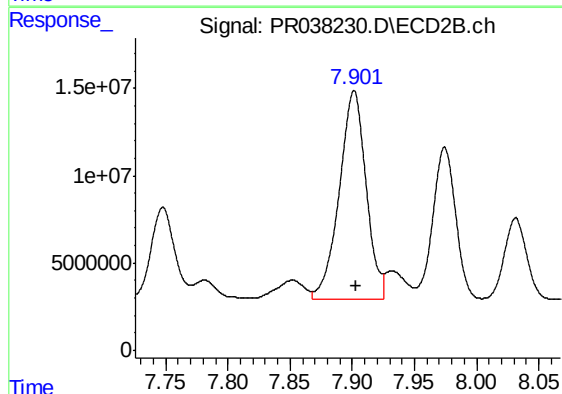
R.T.: 7.487 min
Delta R.T.: 0.000 min
Response: 41757574
Conc: 131.86 ng/ml



#30 AR-1254-5

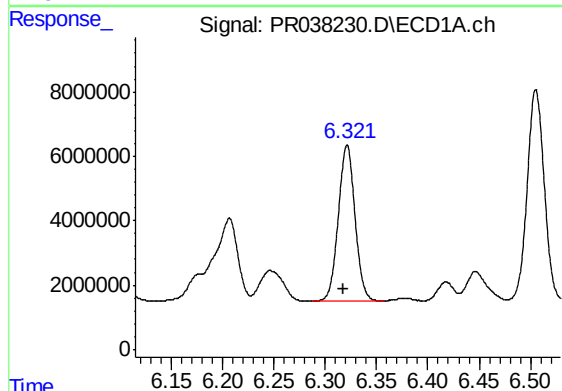
R.T.: 6.832 min
Delta R.T.: 0.005 min
Response: 75546931
Conc: 420.57 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



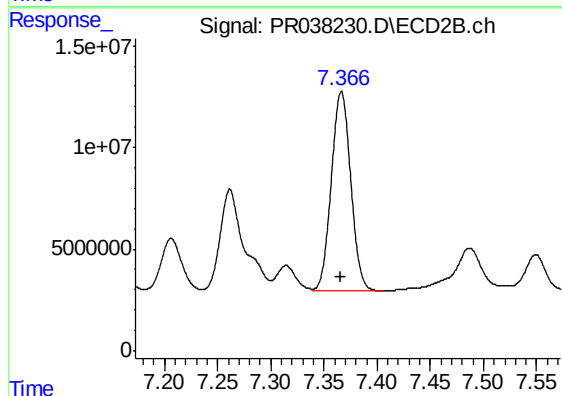
#30 AR-1254-5

R.T.: 7.902 min
Delta R.T.: -0.001 min
Response: 179171182
Conc: 517.14 ng/ml



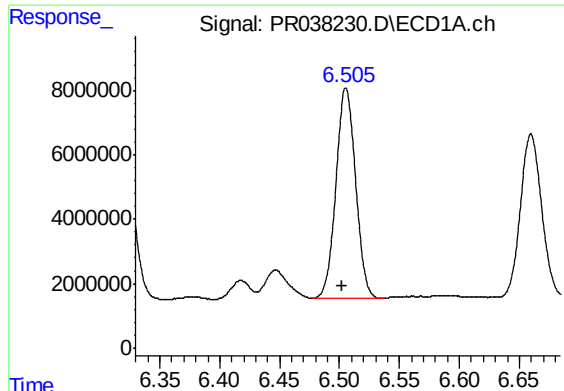
#31 AR-1260-1

R.T.: 6.321 min
Delta R.T.: 0.004 min
Response: 54997530
Conc: 513.51 ng/ml



#31 AR-1260-1

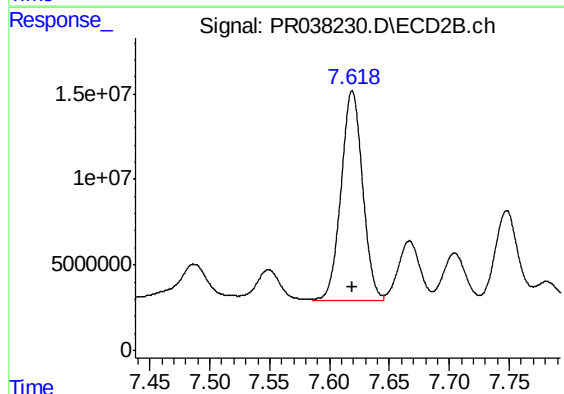
R.T.: 7.366 min
Delta R.T.: 0.000 min
Response: 124516958
Conc: 522.07 ng/ml



#32 AR-1260-2

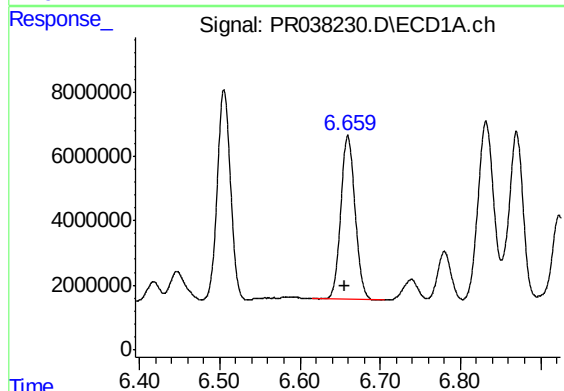
R.T.: 6.505 min
Delta R.T.: 0.003 min
Response: 74376770
Conc: 504.68 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



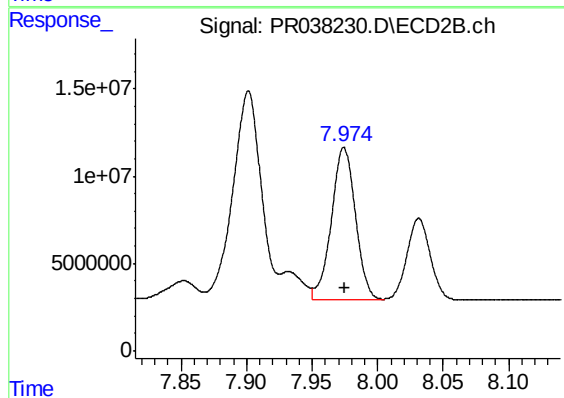
#32 AR-1260-2

R.T.: 7.619 min
Delta R.T.: 0.000 min
Response: 152604331
Conc: 533.49 ng/ml



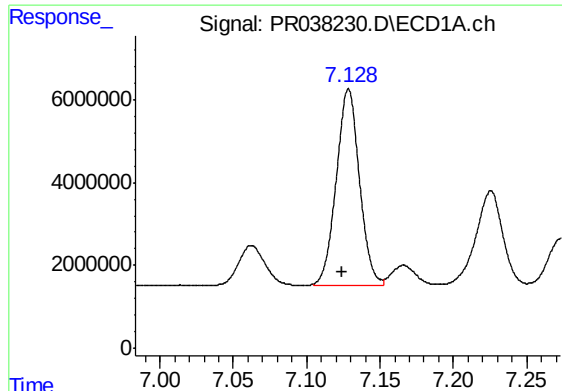
#33 AR-1260-3

R.T.: 6.660 min
Delta R.T.: 0.004 min
Response: 63041690
Conc: 517.62 ng/ml



#33 AR-1260-3

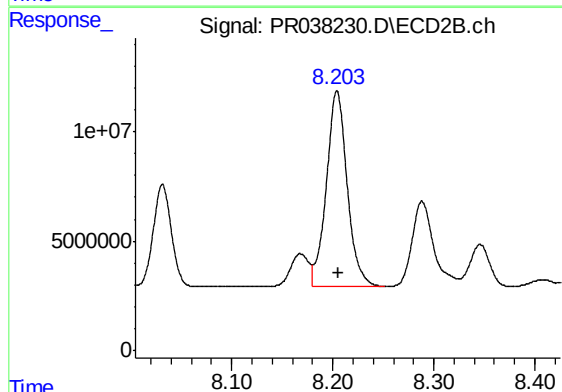
R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 111514740
Conc: 523.90 ng/ml



#34 AR-1260-4

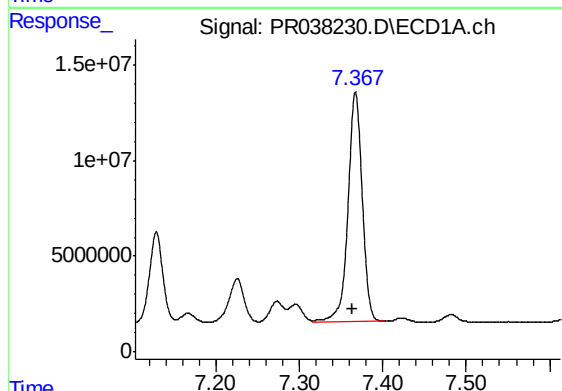
R.T.: 7.129 min
Delta R.T.: 0.004 min
Response: 52157503
Conc: 530.07 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



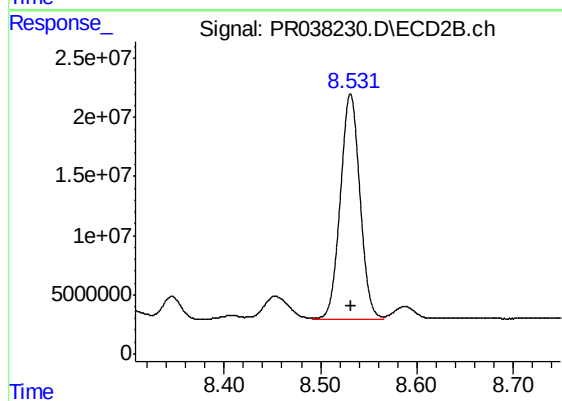
#34 AR-1260-4

R.T.: 8.204 min
Delta R.T.: 0.000 min
Response: 127853310
Conc: 516.69 ng/ml



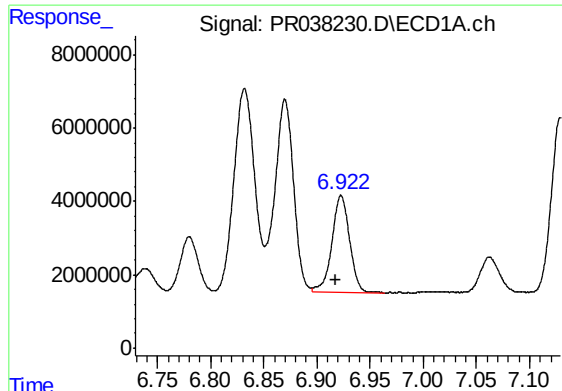
#35 AR-1260-5

R.T.: 7.367 min
Delta R.T.: 0.004 min
Response: 142339390
Conc: 522.45 ng/ml



#35 AR-1260-5

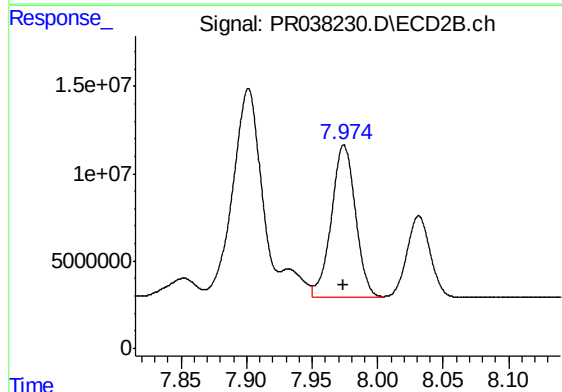
R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 268796927
Conc: 524.18 ng/ml



#36 AR-1262-1

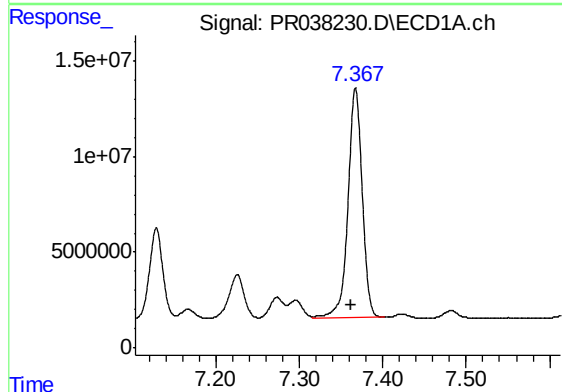
R.T.: 6.923 min
Delta R.T.: 0.005 min
Response: 30755618
Conc: 309.34 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



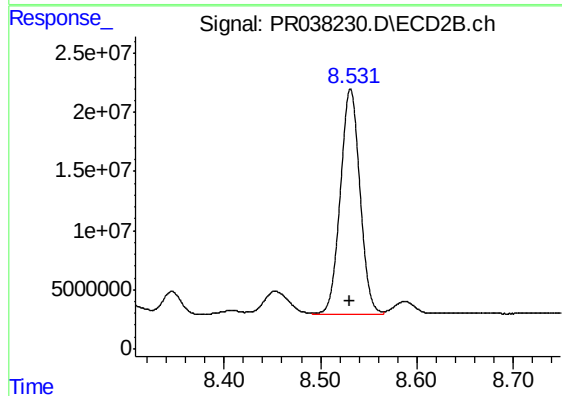
#36 AR-1262-1

R.T.: 7.974 min
Delta R.T.: 0.000 min
Response: 111514740
Conc: 236.11 ng/ml



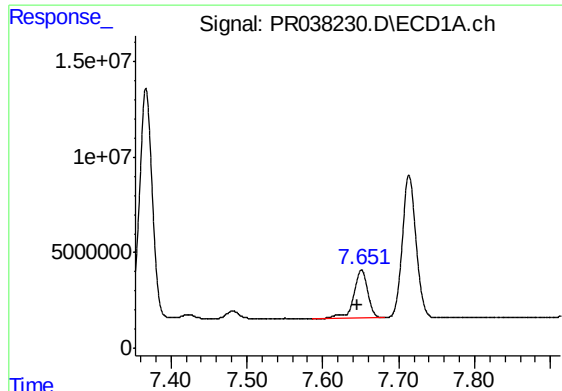
#37 AR-1262-2

R.T.: 7.367 min
Delta R.T.: 0.005 min
Response: 142339390
Conc: 301.59 ng/ml



#37 AR-1262-2

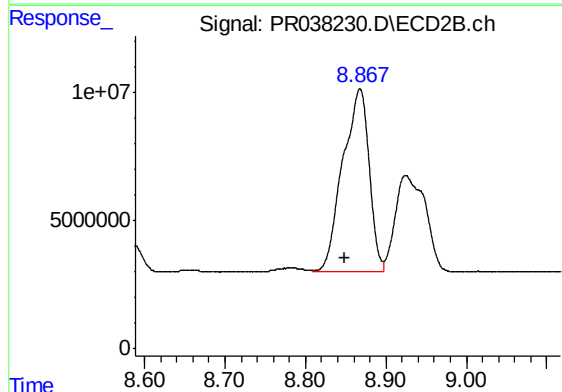
R.T.: 8.531 min
Delta R.T.: 0.000 min
Response: 268796927
Conc: 308.72 ng/ml



#38 AR-1262-3

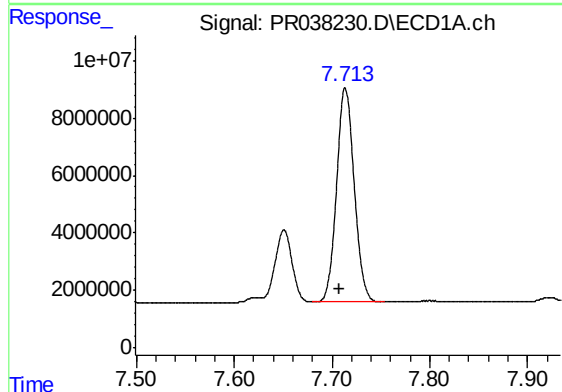
R.T.: 7.651 min
Delta R.T.: 0.006 min
Response: 32029661
Conc: 180.97 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



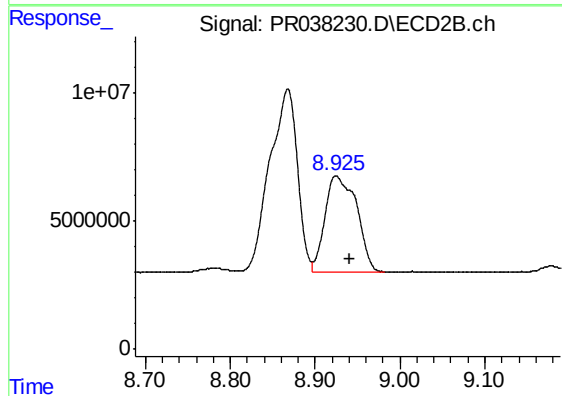
#38 AR-1262-3

R.T.: 8.868 min
Delta R.T.: 0.018 min
Response: 161828148
Conc: 297.00 ng/ml



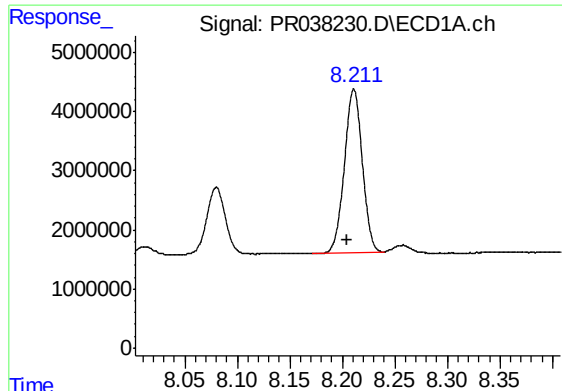
#39 AR-1262-4

R.T.: 7.714 min
Delta R.T.: 0.006 min
Response: 93577216
Conc: 297.68 ng/ml



#39 AR-1262-4

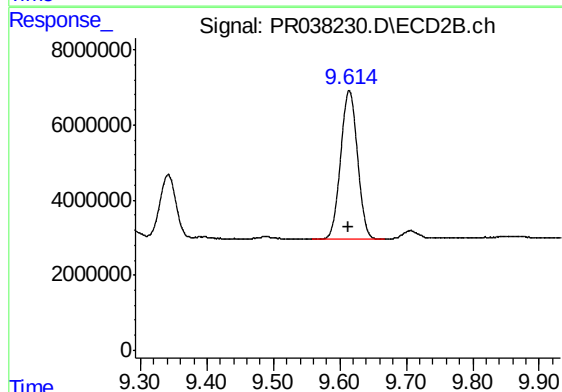
R.T.: 8.925 min
Delta R.T.: -0.016 min
Response: 96980111
Conc: 242.97 ng/ml



#40 AR-1262-5

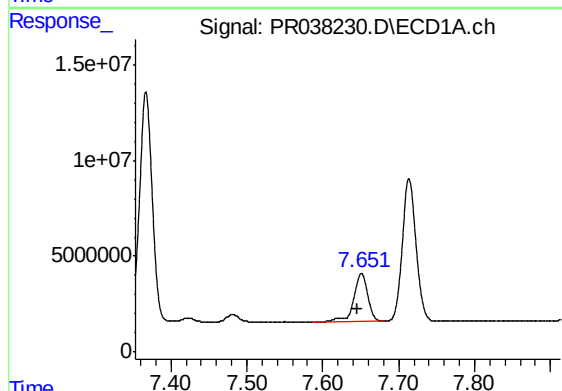
R.T.: 8.211 min
Delta R.T.: 0.006 min
Response: 32802622
Conc: 241.88 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



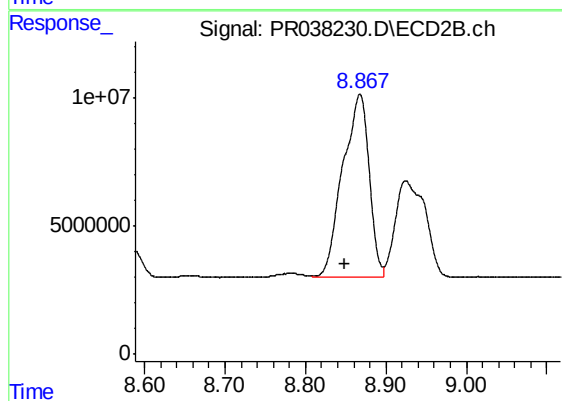
#40 AR-1262-5

R.T.: 9.614 min
Delta R.T.: 0.000 min
Response: 69875357
Conc: 256.26 ng/ml



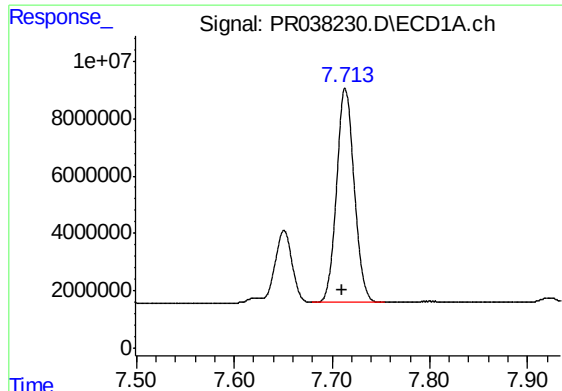
#41 AR-1268-1

R.T.: 7.651 min
Delta R.T.: 0.005 min
Response: 32029661
Conc: 55.48 ng/ml



#41 AR-1268-1

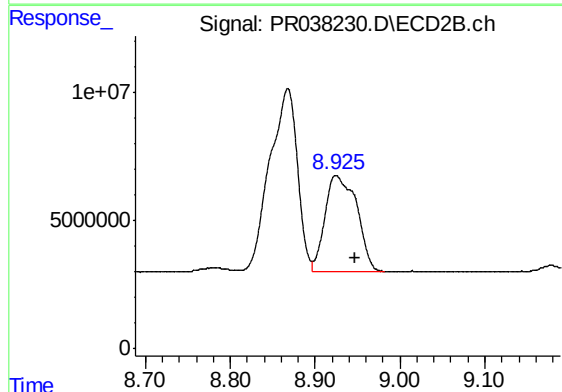
R.T.: 8.868 min
Delta R.T.: 0.018 min
Response: 161828148
Conc: 162.75 ng/ml



#42 AR-1268-2

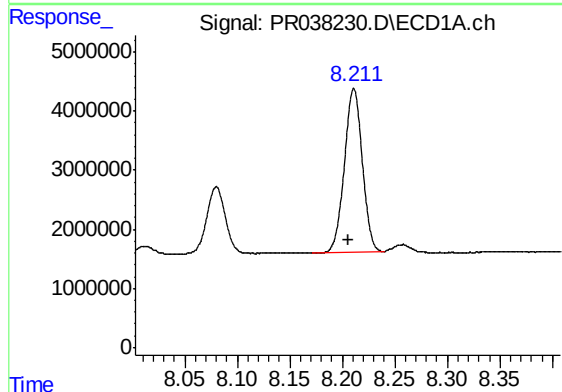
R.T.: 7.714 min
Delta R.T.: 0.003 min
Response: 93577216
Conc: 184.20 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



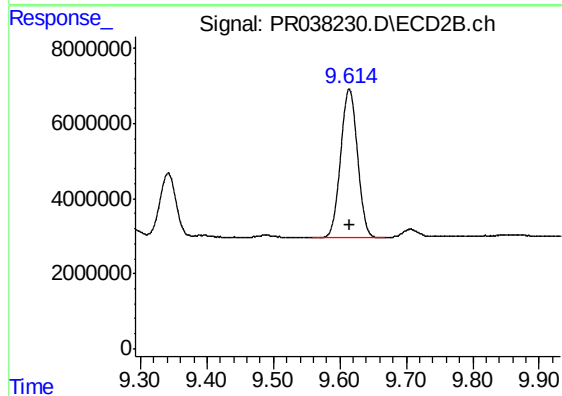
#42 AR-1268-2

R.T.: 8.925 min
Delta R.T.: -0.022 min
Response: 96980111
Conc: 106.57 ng/ml



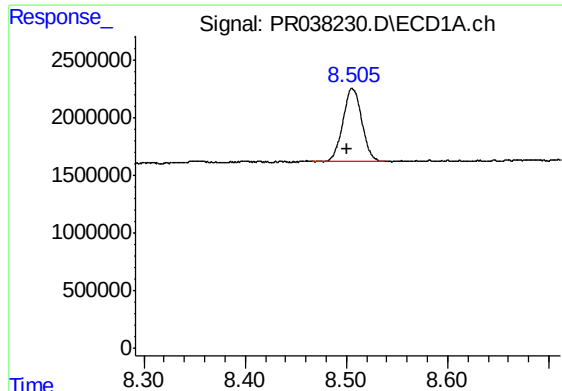
#44 AR-1268-4

R.T.: 8.211 min
Delta R.T.: 0.005 min
Response: 32802622
Conc: 184.75 ng/ml



#44 AR-1268-4

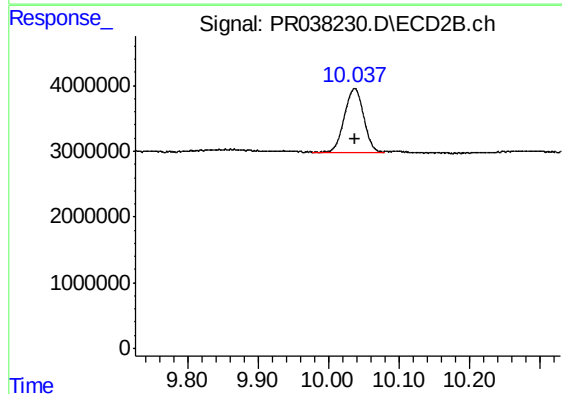
R.T.: 9.614 min
Delta R.T.: -0.002 min
Response: 69875357
Conc: 203.50 ng/ml



#45 AR-1268-5

R.T.: 8.506 min
Delta R.T.: 0.005 min
Response: 8198222
Conc: 6.13 ng/ml

Instrument :
ECD_R
ClientSampleId :
AR1660CCC500



#45 AR-1268-5

R.T.: 10.037 min
Delta R.T.: 0.000 min
Response: 18161360
Conc: 6.94 ng/ml