

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020223\
 Data File : PP055277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 20:26
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:58:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 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...	4.329	3.574	86218862	77508084	49.587	51.630
2)	SA Decachlor...	10.086	8.588	79066140	61547712	45.659	45.572
Target Compounds							
3)	L1 AR-1016-1	5.500	4.658	29504912	25293743	438.995	511.047
4)	L1 AR-1016-2	5.522	4.676	42325893	36093272	441.680	521.435
5)	L1 AR-1016-3	5.584	4.853	26448583	19318795	442.163	519.370
6)	L1 AR-1016-4	5.683	4.895	21285002	15435328	444.196	491.223
7)	L1 AR-1016-5	5.979	5.108	21673595	19936967	427.705	487.641
8)	L2 AR-1221-1	4.533	3.786	3103592	2874124	131.983	144.961
9)	L2 AR-1221-2	4.624	3.872	4599412	4049571	258.874	273.207
10)	L2 AR-1221-3	4.700	3.948	17332596	15595974	322.110	345.698
11)	L3 AR-1232-1	4.700	3.948	17332596	15595974	390.525	423.120
12)	L3 AR-1232-2	5.231	4.676	22081390	36093272	976.414	1129.944
13)	L3 AR-1232-3	5.522	4.853	42325893	19318795	963.764	1158.828
14)	L3 AR-1232-4	5.683	4.937	21285002	19772061	961.634	1226.089 #
15)	L3 AR-1232-5	5.775	5.108	19189240	19936967	1096.087	1128.840
16)	L4 AR-1242-1	5.500	4.658	29504912	25293743	526.979	617.489
17)	L4 AR-1242-2	5.522	4.676	42325893	36093272	530.202	632.095
18)	L4 AR-1242-3	5.584	4.853	26448583	19318795	532.578	625.860
19)	L4 AR-1242-4	5.683	4.937	21285002	19772061	531.105	608.613
20)	L4 AR-1242-5	6.424	5.461	6256167	19977184	140.704	534.554 #
21)	L5 AR-1248-1	5.500	4.658	29504912	25293743	707.489	815.845
22)	L5 AR-1248-2	5.775	4.895	19189240	15435328	301.840	337.550
23)	L5 AR-1248-3	5.979	4.937	21673595	19772061	313.392	414.741 #
24)	L5 AR-1248-4	6.384	5.108	7514241	19936967	99.088	360.999 #
25)	L5 AR-1248-5	6.424	5.502	6256167	5202894	84.780	105.812
26)	L6 AR-1254-1	6.359	5.461	18143312	19977184	229.975	247.371
27)	L6 AR-1254-2	6.578	5.609	16603336	15362590	137.192	214.673 #
28)	L6 AR-1254-3	6.946	6.030	7862002	26149996	64.185	234.724 #
29)	L6 AR-1254-4	7.232	6.243	7081102	1894341	80.365	30.799 #
30)	L6 AR-1254-5	7.652	6.662	52585218	44089155	519.818	465.056
31)	L7 AR-1260-1	7.111	6.145	40303993	38283965	422.800	493.703
32)	L7 AR-1260-2	7.369	6.334	47905584	43107663	425.652	479.517
33)	L7 AR-1260-3	7.731	6.487	35569916	39787032	441.759	468.575
34)	L7 AR-1260-4	7.957	6.961	40852675	32914396	420.828	459.680
35)	L7 AR-1260-5	8.274	7.204	75214809	70321281	422.910	457.415
36)	L8 AR-1262-1	7.731	6.754	35569916	18674168	301.485	434.673 #
37)	L8 AR-1262-2	8.274	6.961	75214809	32914396	373.435	355.358
38)	L8 AR-1262-3	8.596	7.488	50908338	16779085	366.060	230.292 #
39)	L8 AR-1262-4	8.673	7.552	14158822	52084207	184.165	398.260 #
40)	L8 AR-1262-5	9.331	8.049	21768490	15917439	304.370	268.296
41)	L9 AR-1268-1	8.596	7.488	50908338	16779085	208.293	77.600 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020223\
 Data File : PP055277.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Feb 2023 20:26
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

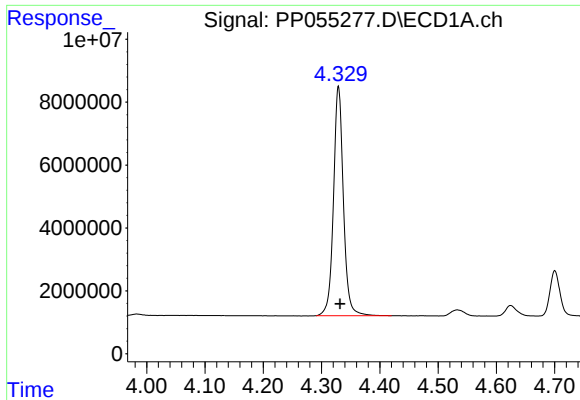
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 02 23:58:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 2023
 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
42) L9	AR-1268-2	8.673	7.552	14158822	52084207	62.340	266.915 #
43) L9	AR-1268-3	8.905	7.760	1081859	884880	5.415	5.152
44) L9	AR-1268-4	9.331	8.049	21768490	15917439	277.142	249.558
45) L9	AR-1268-5	9.747	8.337	6632630	5513568	10.427	10.469

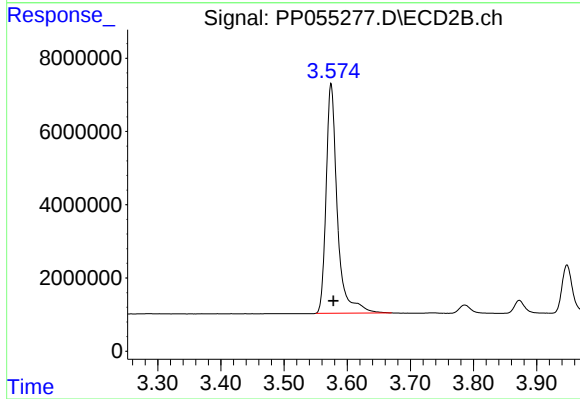
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

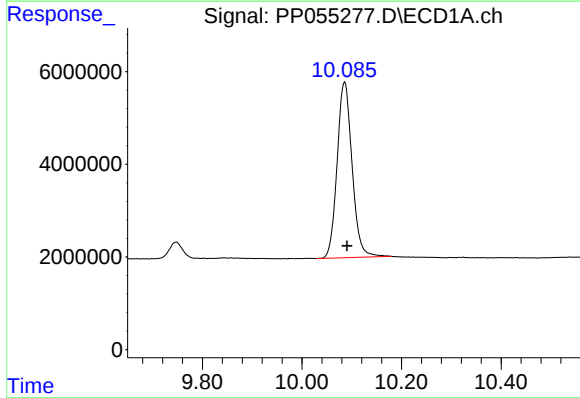
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 86218862
Conc: 49.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



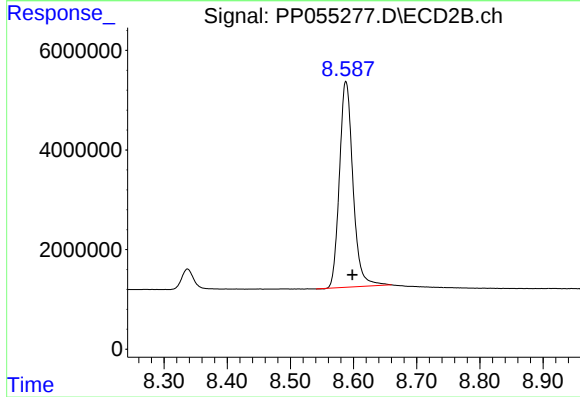
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.004 min
Response: 77508084
Conc: 51.63 ng/ml



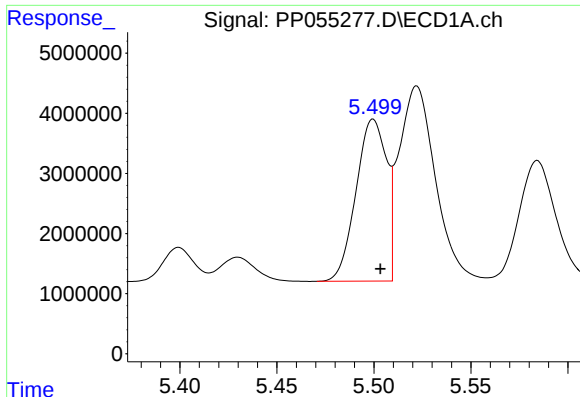
#2 Decachlorobiphenyl

R.T.: 10.086 min
Delta R.T.: -0.005 min
Response: 79066140
Conc: 45.66 ng/ml



#2 Decachlorobiphenyl

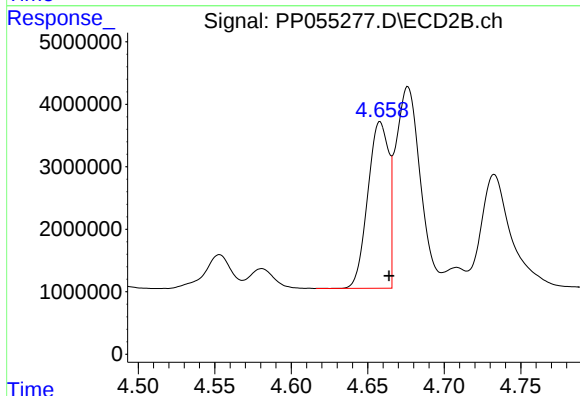
R.T.: 8.588 min
Delta R.T.: -0.010 min
Response: 61547712
Conc: 45.57 ng/ml



#3 AR-1016-1

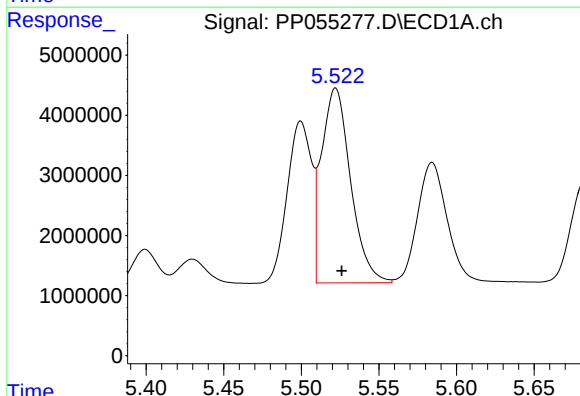
R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 29504912
Conc: 438.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



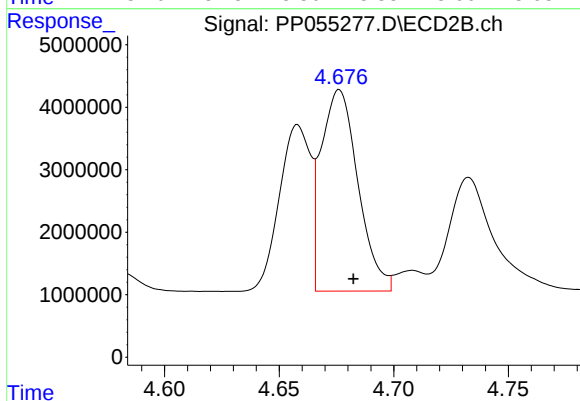
#3 AR-1016-1

R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 25293743
Conc: 511.05 ng/ml



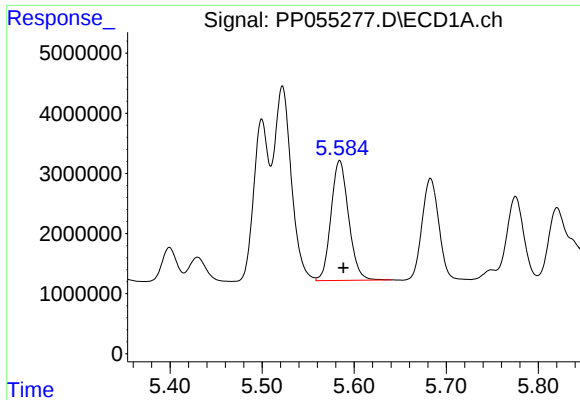
#4 AR-1016-2

R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42325893
Conc: 441.68 ng/ml



#4 AR-1016-2

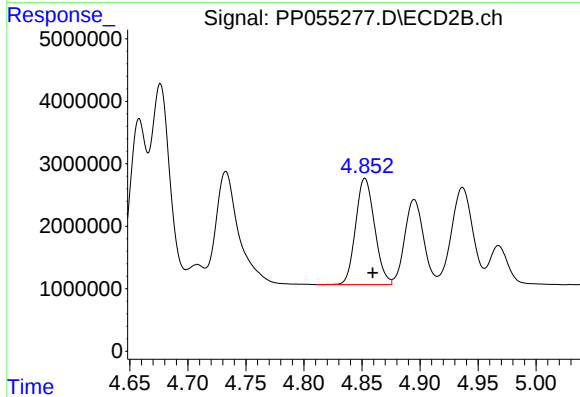
R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 36093272
Conc: 521.44 ng/ml



#5 AR-1016-3

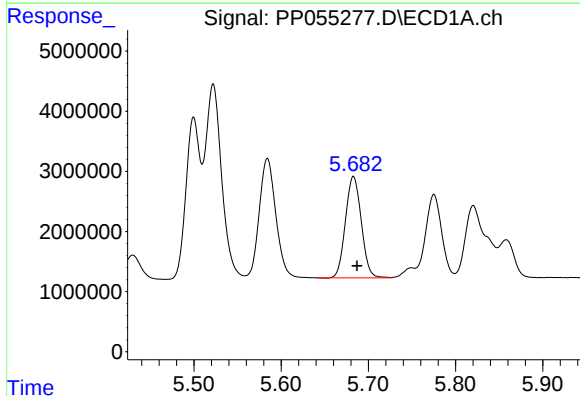
R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 26448583
Conc: 442.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



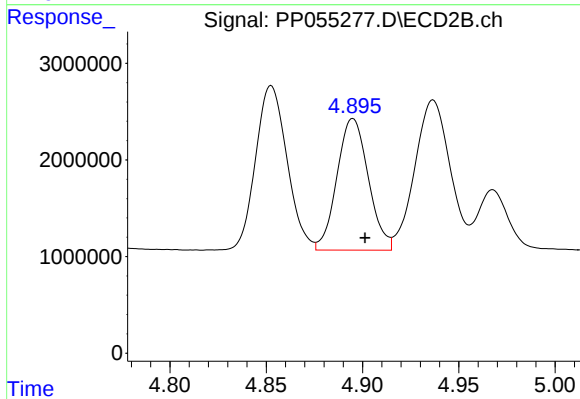
#5 AR-1016-3

R.T.: 4.853 min
Delta R.T.: -0.007 min
Response: 19318795
Conc: 519.37 ng/ml



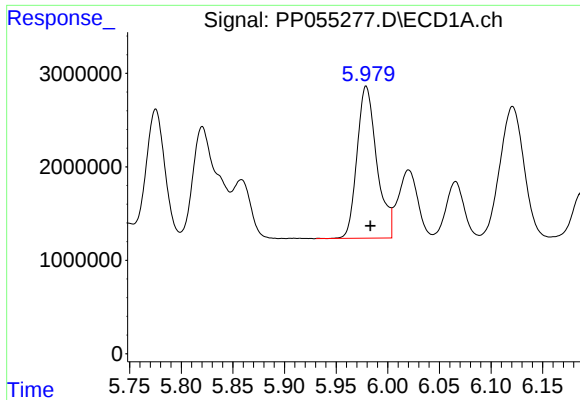
#6 AR-1016-4

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 21285002
Conc: 444.20 ng/ml



#6 AR-1016-4

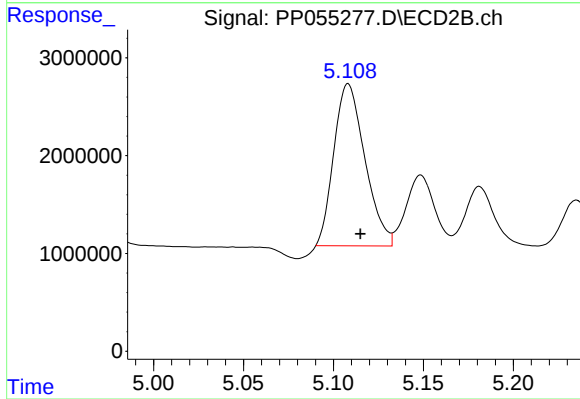
R.T.: 4.895 min
Delta R.T.: -0.006 min
Response: 15435328
Conc: 491.22 ng/ml



#7 AR-1016-5

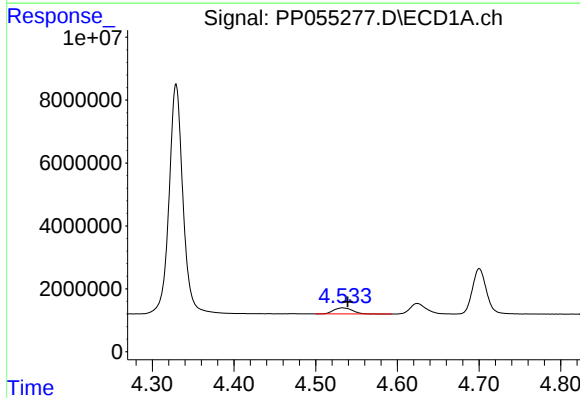
R.T.: 5.979 min
Delta R.T.: -0.004 min
Response: 21673595
Conc: 427.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



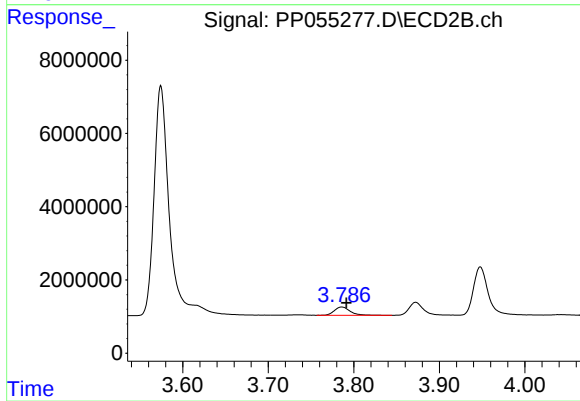
#7 AR-1016-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 19936967
Conc: 487.64 ng/ml



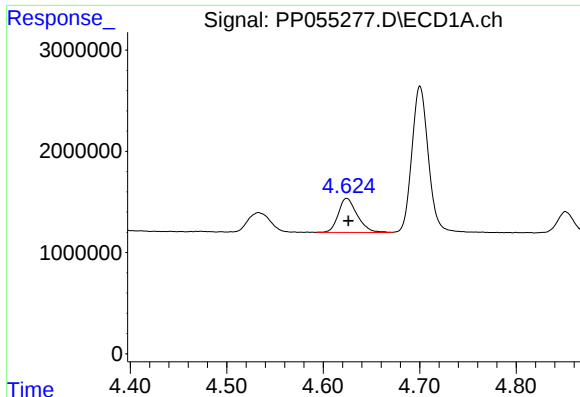
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 3103592
Conc: 131.98 ng/ml



#8 AR-1221-1

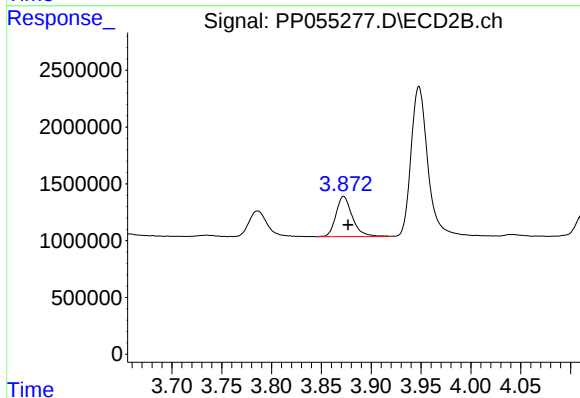
R.T.: 3.786 min
Delta R.T.: -0.005 min
Response: 2874124
Conc: 144.96 ng/ml



#9 AR-1221-2

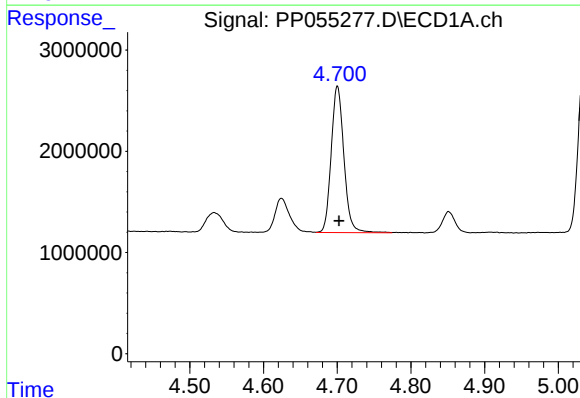
R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 4599412
Conc: 258.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



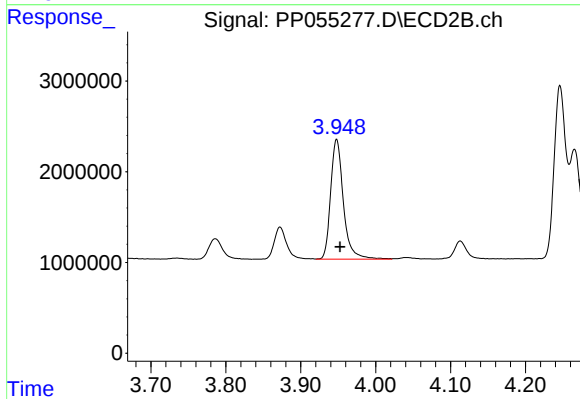
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.004 min
Response: 4049571
Conc: 273.21 ng/ml



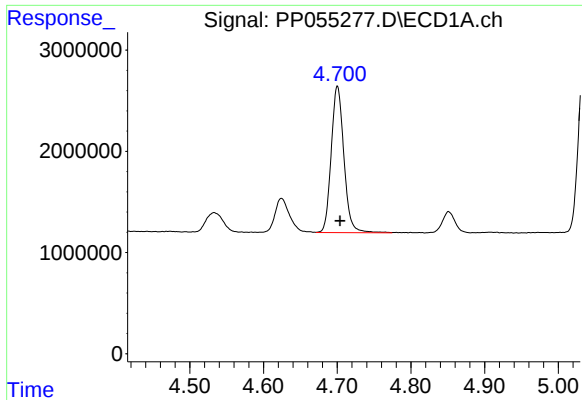
#10 AR-1221-3

R.T.: 4.700 min
Delta R.T.: -0.002 min
Response: 17332596
Conc: 322.11 ng/ml



#10 AR-1221-3

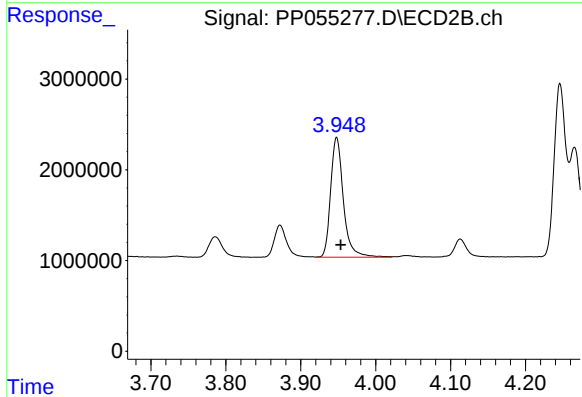
R.T.: 3.948 min
Delta R.T.: -0.004 min
Response: 15595974
Conc: 345.70 ng/ml



#11 AR-1232-1

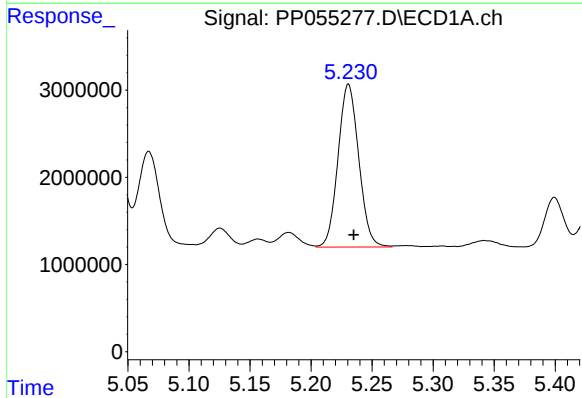
R.T.: 4.700 min
Delta R.T.: -0.004 min
Response: 17332596
Conc: 390.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



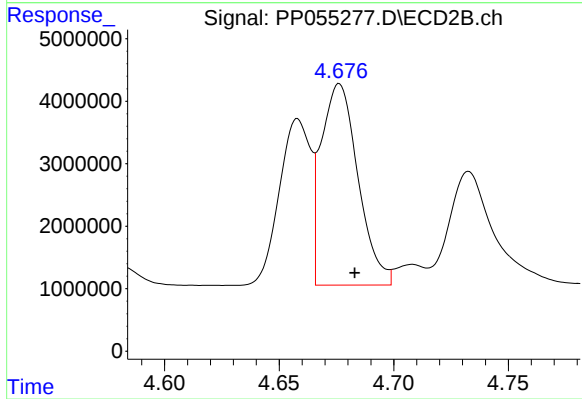
#11 AR-1232-1

R.T.: 3.948 min
Delta R.T.: -0.005 min
Response: 15595974
Conc: 423.12 ng/ml



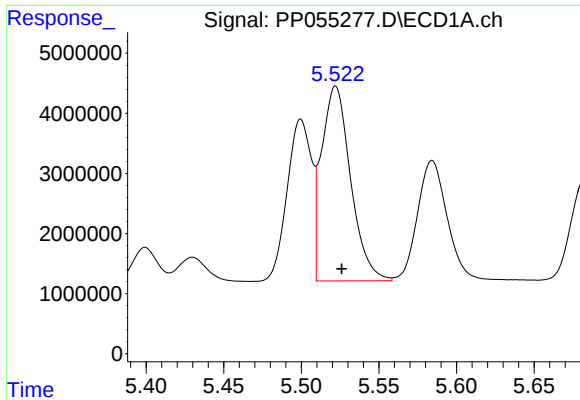
#12 AR-1232-2

R.T.: 5.231 min
Delta R.T.: -0.004 min
Response: 22081390
Conc: 976.41 ng/ml



#12 AR-1232-2

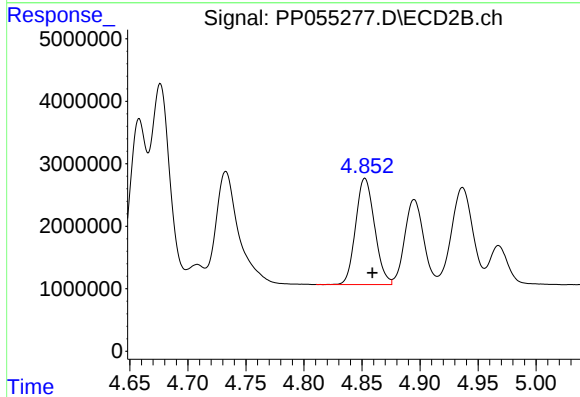
R.T.: 4.676 min
Delta R.T.: -0.007 min
Response: 36093272
Conc: 1129.94 ng/ml



#13 AR-1232-3

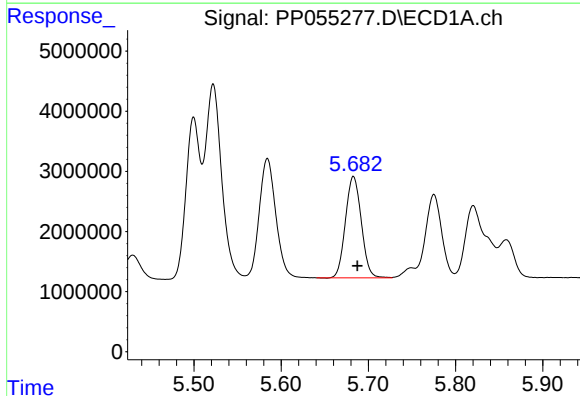
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42325893
Conc: 963.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



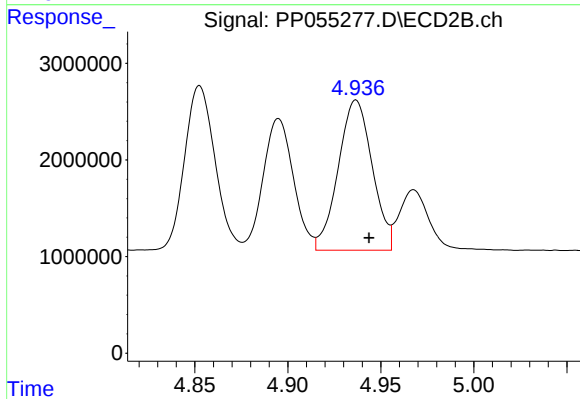
#13 AR-1232-3

R.T.: 4.853 min
Delta R.T.: -0.006 min
Response: 19318795
Conc: 1158.83 ng/ml



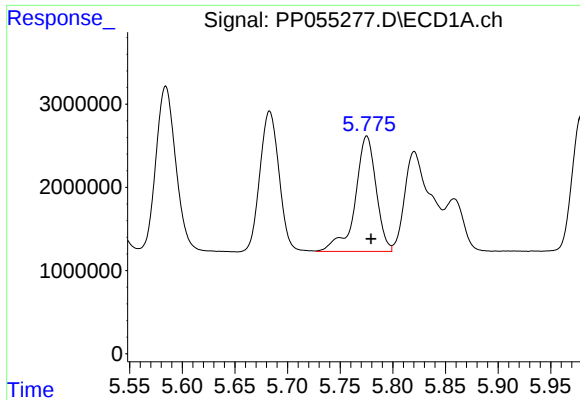
#14 AR-1232-4

R.T.: 5.683 min
Delta R.T.: -0.005 min
Response: 21285002
Conc: 961.63 ng/ml



#14 AR-1232-4

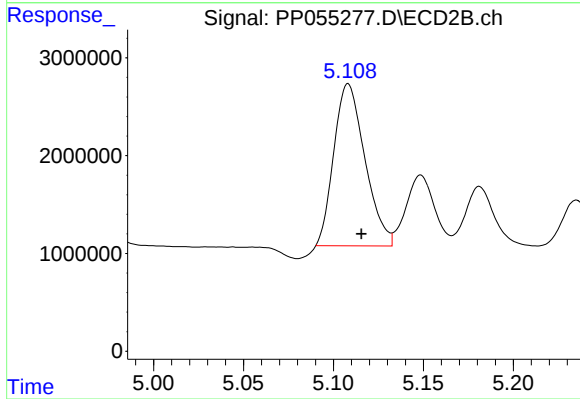
R.T.: 4.937 min
Delta R.T.: -0.007 min
Response: 19772061
Conc: 1226.09 ng/ml



#15 AR-1232-5

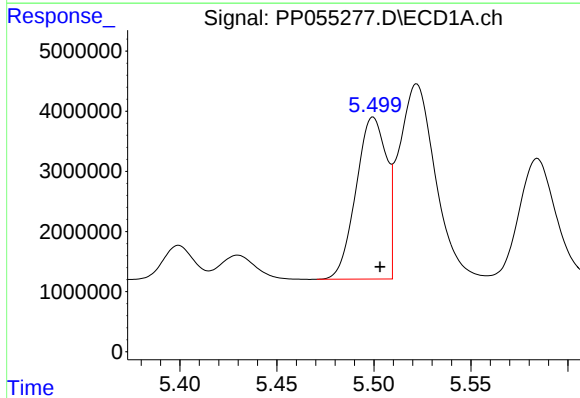
R.T.: 5.775 min
Delta R.T.: -0.004 min
Response: 19189240
Conc: 1096.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



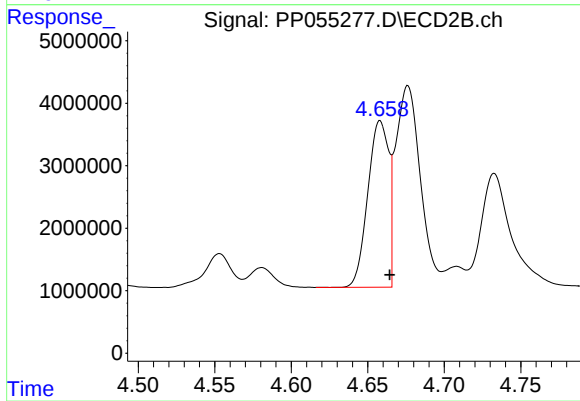
#15 AR-1232-5

R.T.: 5.108 min
Delta R.T.: -0.007 min
Response: 19936967
Conc: 1128.84 ng/ml



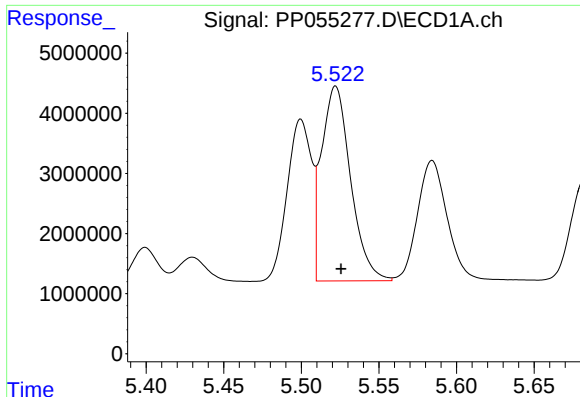
#16 AR-1242-1

R.T.: 5.500 min
Delta R.T.: -0.004 min
Response: 29504912
Conc: 526.98 ng/ml



#16 AR-1242-1

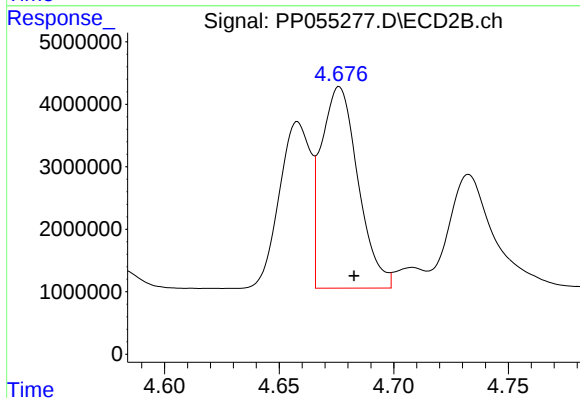
R.T.: 4.658 min
Delta R.T.: -0.006 min
Response: 25293743
Conc: 617.49 ng/ml



#17 AR-1242-2

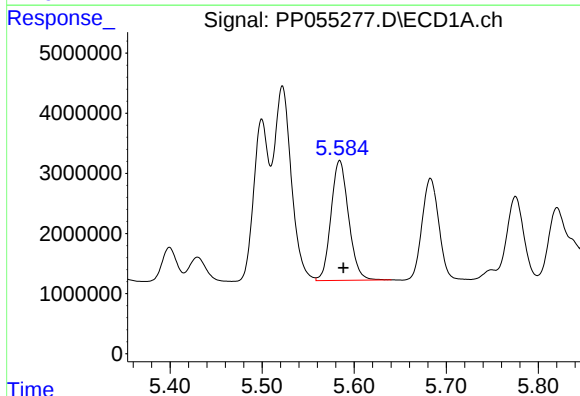
R.T.: 5.522 min
Delta R.T.: -0.004 min
Response: 42325893
Conc: 530.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



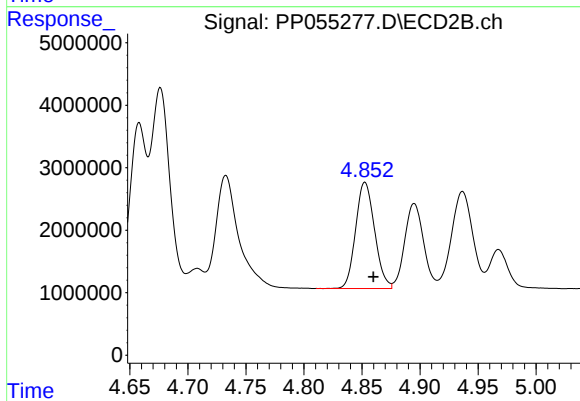
#17 AR-1242-2

R.T.: 4.676 min
Delta R.T.: -0.006 min
Response: 36093272
Conc: 632.09 ng/ml



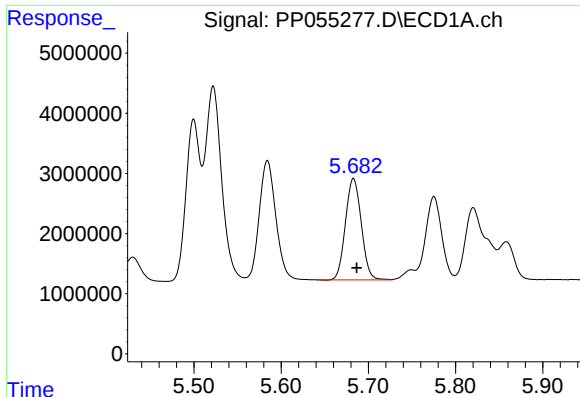
#18 AR-1242-3

R.T.: 5.584 min
Delta R.T.: -0.004 min
Response: 26448583
Conc: 532.58 ng/ml



#18 AR-1242-3

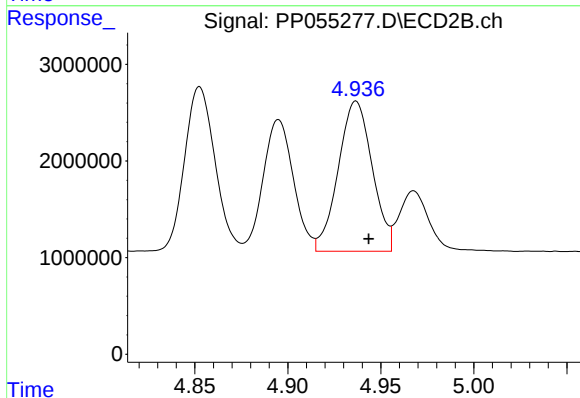
R.T.: 4.853 min
Delta R.T.: -0.007 min
Response: 19318795
Conc: 625.86 ng/ml



#19 AR-1242-4

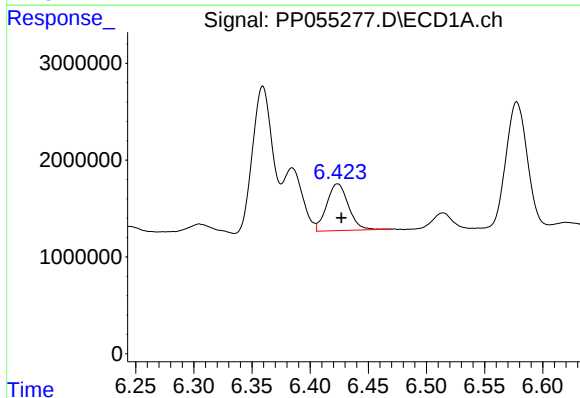
R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 21285002
Conc: 531.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



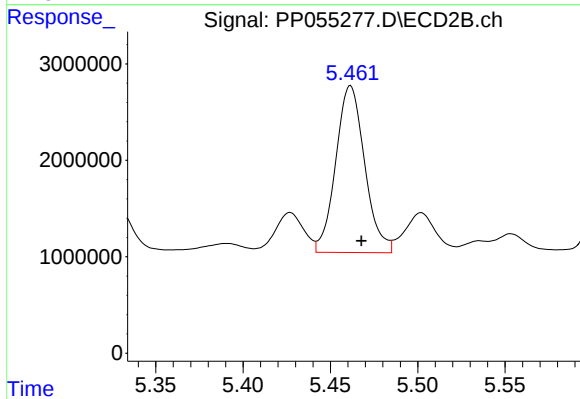
#19 AR-1242-4

R.T.: 4.937 min
Delta R.T.: -0.007 min
Response: 19772061
Conc: 608.61 ng/ml



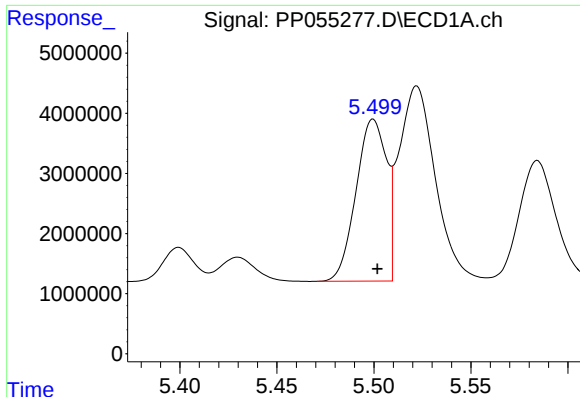
#20 AR-1242-5

R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 6256167
Conc: 140.70 ng/ml



#20 AR-1242-5

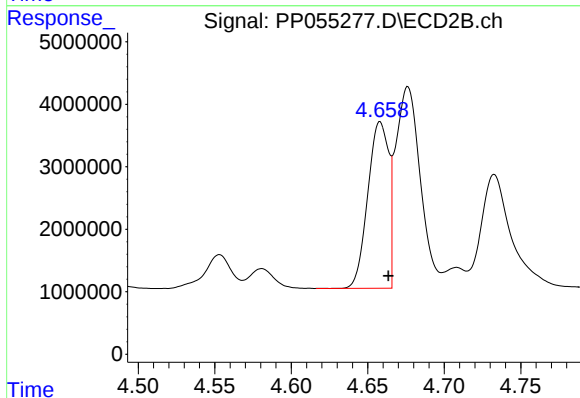
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 19977184
Conc: 534.55 ng/ml



#21 AR-1248-1

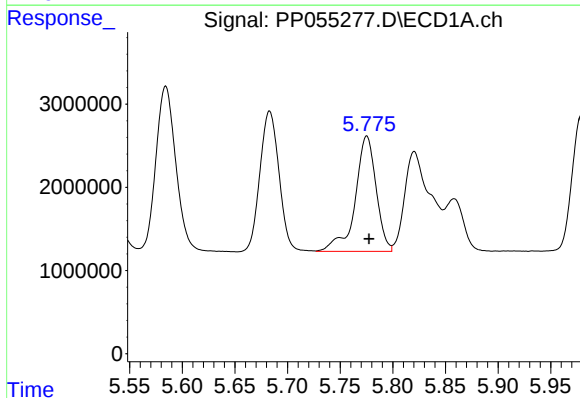
R.T.: 5.500 min
Delta R.T.: -0.002 min
Response: 29504912
Conc: 707.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



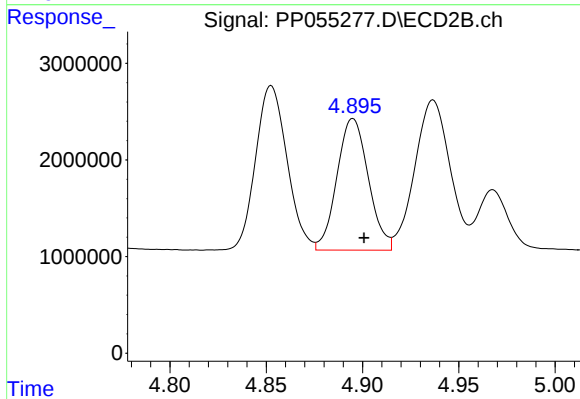
#21 AR-1248-1

R.T.: 4.658 min
Delta R.T.: -0.005 min
Response: 25293743
Conc: 815.84 ng/ml



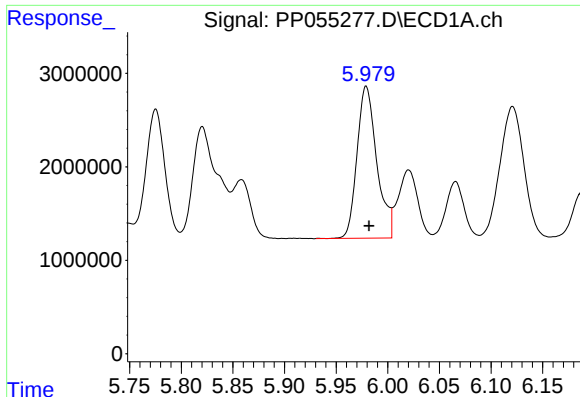
#22 AR-1248-2

R.T.: 5.775 min
Delta R.T.: -0.002 min
Response: 19189240
Conc: 301.84 ng/ml



#22 AR-1248-2

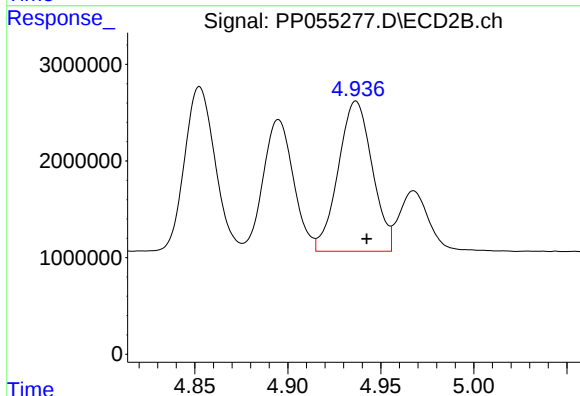
R.T.: 4.895 min
Delta R.T.: -0.006 min
Response: 15435328
Conc: 337.55 ng/ml



#23 AR-1248-3

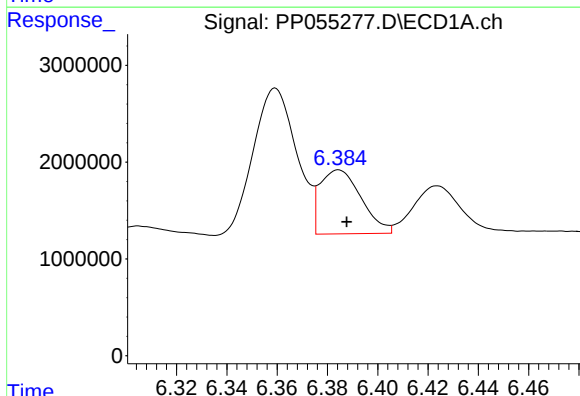
R.T.: 5.979 min
Delta R.T.: -0.003 min
Response: 21673595
Conc: 313.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



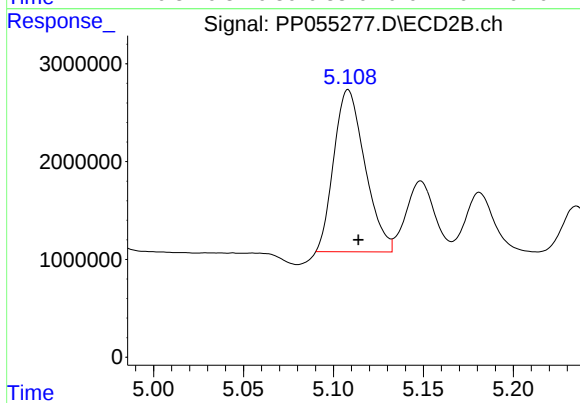
#23 AR-1248-3

R.T.: 4.937 min
Delta R.T.: -0.006 min
Response: 19772061
Conc: 414.74 ng/ml



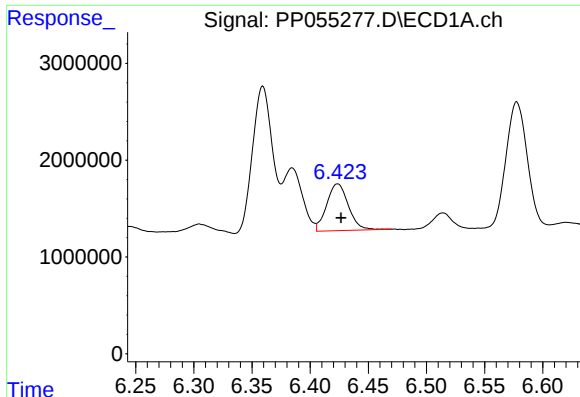
#24 AR-1248-4

R.T.: 6.384 min
Delta R.T.: -0.003 min
Response: 7514241
Conc: 99.09 ng/ml



#24 AR-1248-4

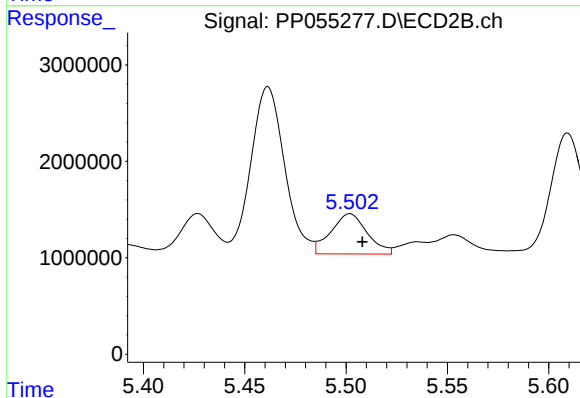
R.T.: 5.108 min
Delta R.T.: -0.006 min
Response: 19936967
Conc: 361.00 ng/ml



#25 AR-1248-5

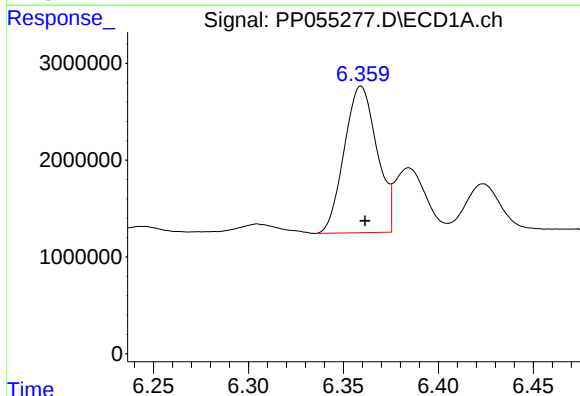
R.T.: 6.424 min
Delta R.T.: -0.003 min
Response: 6256167
Conc: 84.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



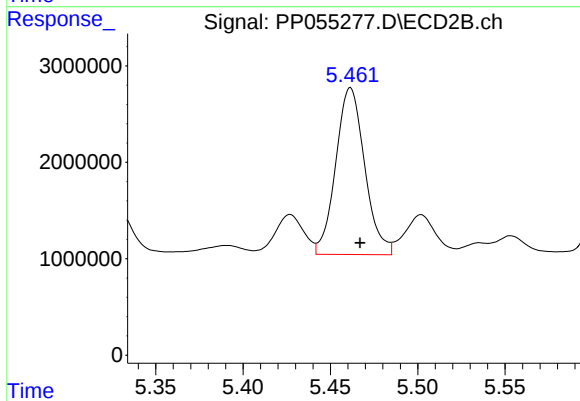
#25 AR-1248-5

R.T.: 5.502 min
Delta R.T.: -0.006 min
Response: 5202894
Conc: 105.81 ng/ml



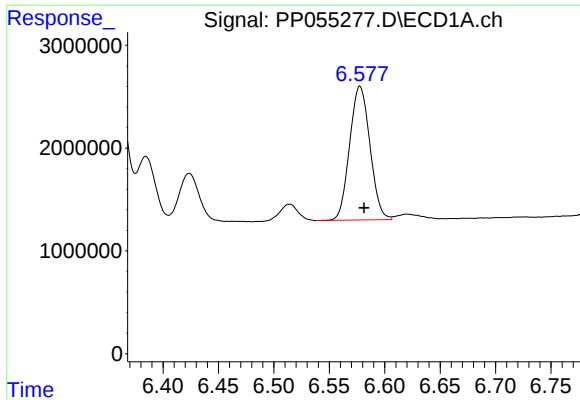
#26 AR-1254-1

R.T.: 6.359 min
Delta R.T.: -0.002 min
Response: 18143312
Conc: 229.98 ng/ml



#26 AR-1254-1

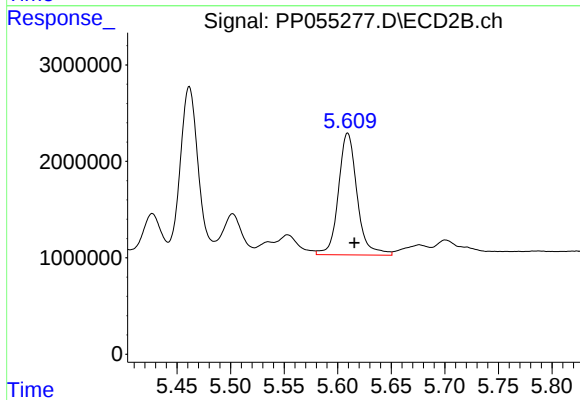
R.T.: 5.461 min
Delta R.T.: -0.006 min
Response: 19977184
Conc: 247.37 ng/ml



#27 AR-1254-2

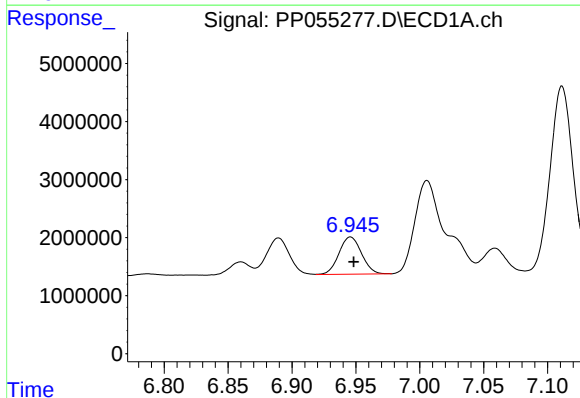
R.T.: 6.578 min
Delta R.T.: -0.004 min
Response: 16603336
Conc: 137.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



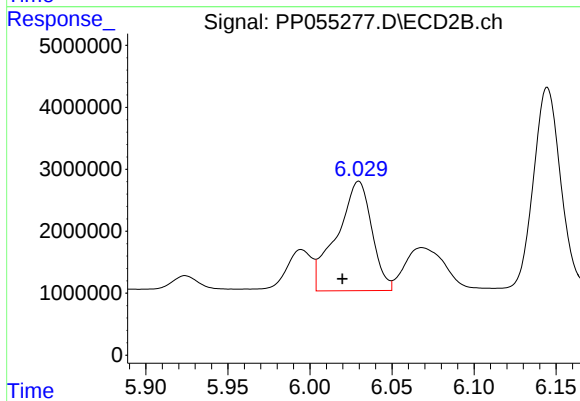
#27 AR-1254-2

R.T.: 5.609 min
Delta R.T.: -0.006 min
Response: 15362590
Conc: 214.67 ng/ml



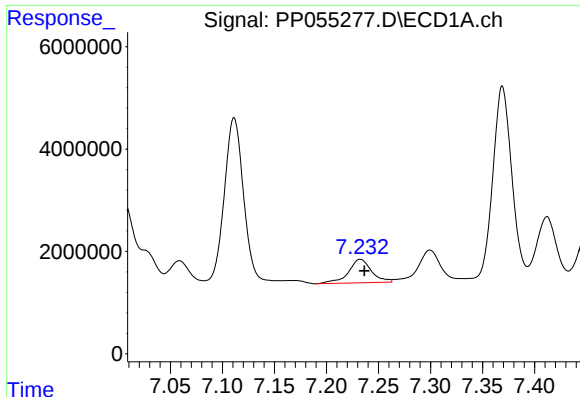
#28 AR-1254-3

R.T.: 6.946 min
Delta R.T.: -0.003 min
Response: 7862002
Conc: 64.18 ng/ml



#28 AR-1254-3

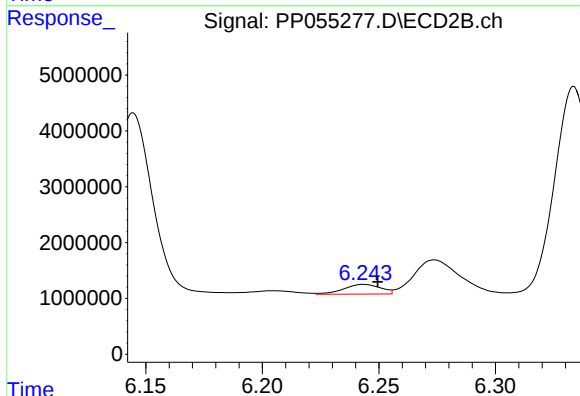
R.T.: 6.030 min
Delta R.T.: 0.010 min
Response: 26149996
Conc: 234.72 ng/ml



#29 AR-1254-4

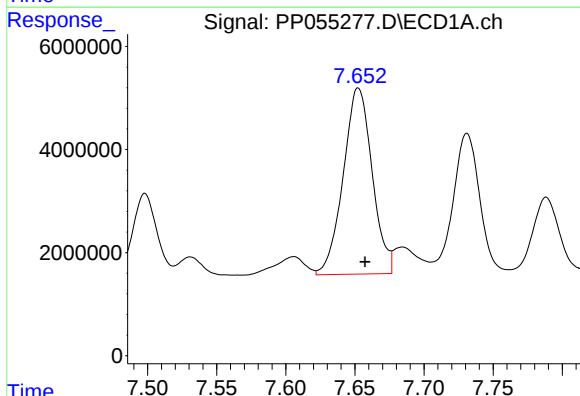
R.T.: 7.232 min
Delta R.T.: -0.004 min
Response: 7081102
Conc: 80.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



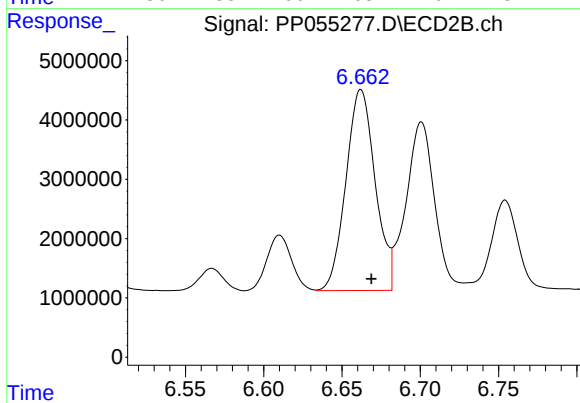
#29 AR-1254-4

R.T.: 6.243 min
Delta R.T.: -0.006 min
Response: 1894341
Conc: 30.80 ng/ml



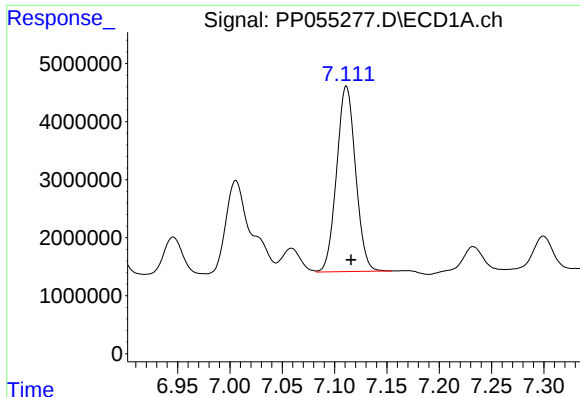
#30 AR-1254-5

R.T.: 7.652 min
Delta R.T.: -0.005 min
Response: 52585218
Conc: 519.82 ng/ml



#30 AR-1254-5

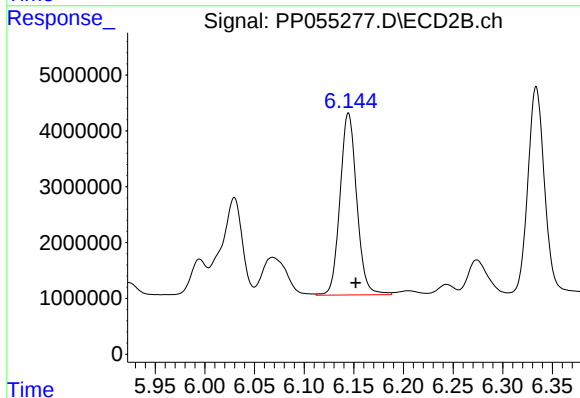
R.T.: 6.662 min
Delta R.T.: -0.007 min
Response: 44089155
Conc: 465.06 ng/ml



#31 AR-1260-1

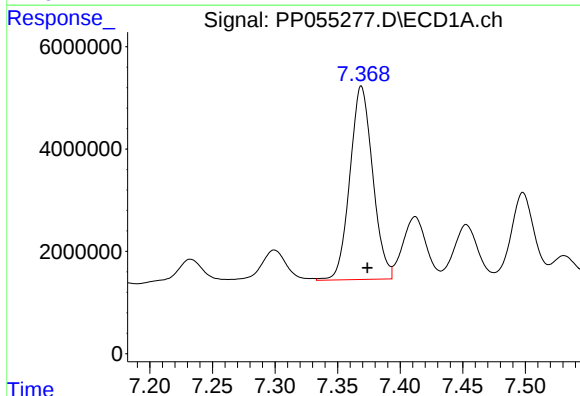
R.T.: 7.111 min
Delta R.T.: -0.005 min
Response: 40303993
Conc: 422.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



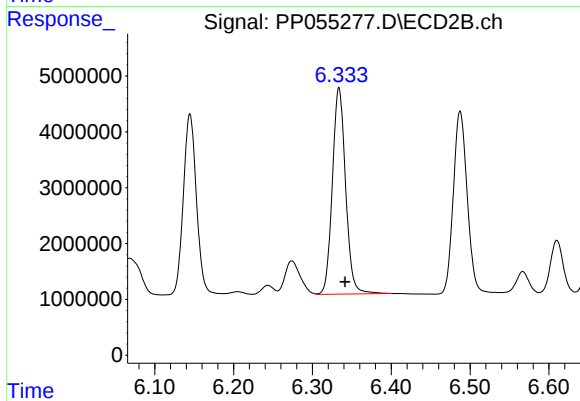
#31 AR-1260-1

R.T.: 6.145 min
Delta R.T.: -0.007 min
Response: 38283965
Conc: 493.70 ng/ml



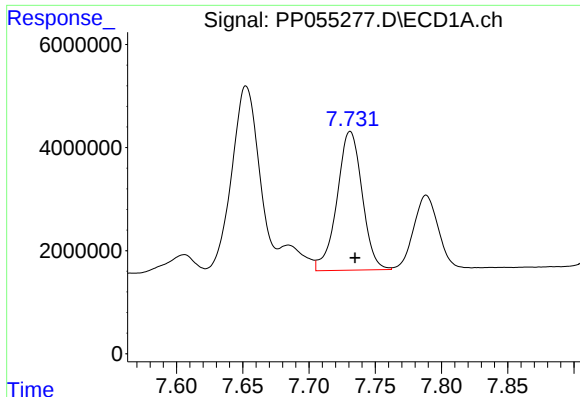
#32 AR-1260-2

R.T.: 7.369 min
Delta R.T.: -0.005 min
Response: 47905584
Conc: 425.65 ng/ml



#32 AR-1260-2

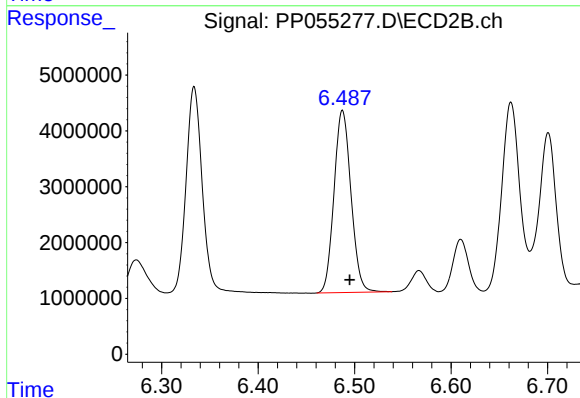
R.T.: 6.334 min
Delta R.T.: -0.008 min
Response: 43107663
Conc: 479.52 ng/ml



#33 AR-1260-3

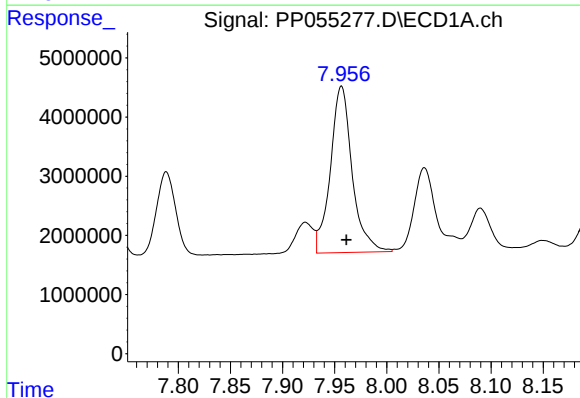
R.T.: 7.731 min
Delta R.T.: -0.004 min
Response: 35569916
Conc: 441.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



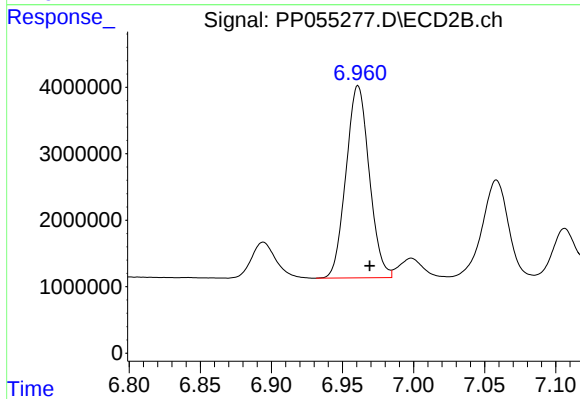
#33 AR-1260-3

R.T.: 6.487 min
Delta R.T.: -0.008 min
Response: 39787032
Conc: 468.58 ng/ml



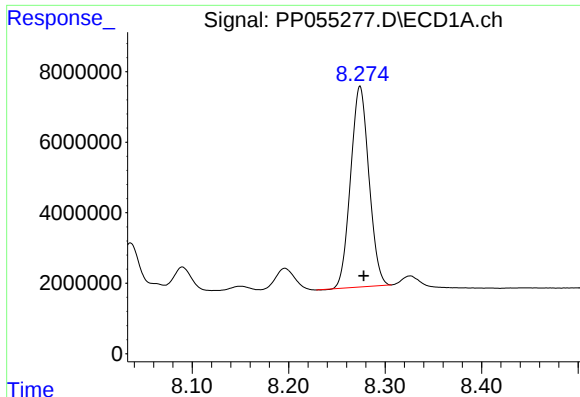
#34 AR-1260-4

R.T.: 7.957 min
Delta R.T.: -0.005 min
Response: 40852675
Conc: 420.83 ng/ml



#34 AR-1260-4

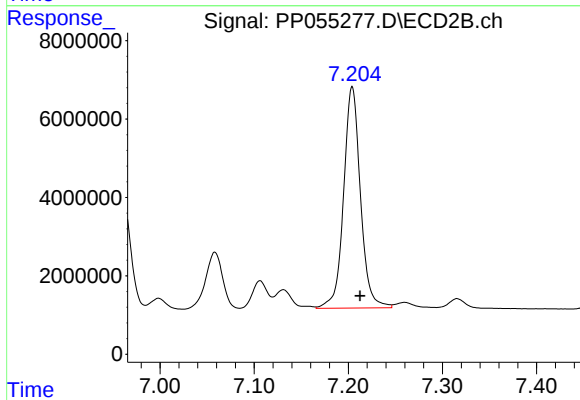
R.T.: 6.961 min
Delta R.T.: -0.008 min
Response: 32914396
Conc: 459.68 ng/ml



#35 AR-1260-5

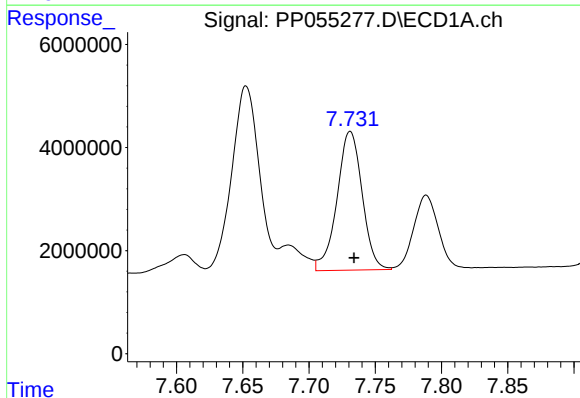
R.T.: 8.274 min
Delta R.T.: -0.004 min
Response: 75214809
Conc: 422.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



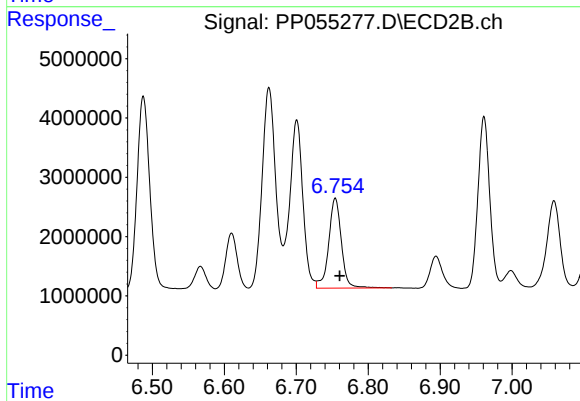
#35 AR-1260-5

R.T.: 7.204 min
Delta R.T.: -0.008 min
Response: 70321281
Conc: 457.41 ng/ml



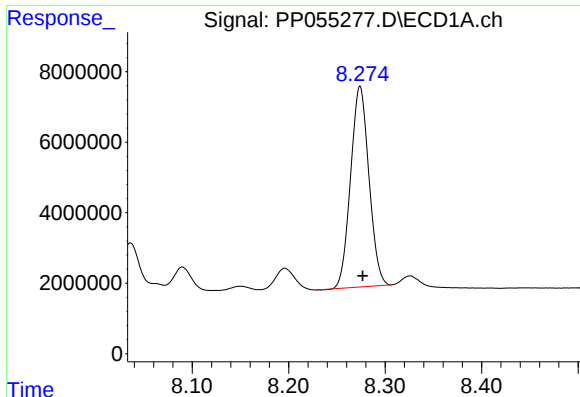
#36 AR-1262-1

R.T.: 7.731 min
Delta R.T.: -0.003 min
Response: 35569916
Conc: 301.49 ng/ml



#36 AR-1262-1

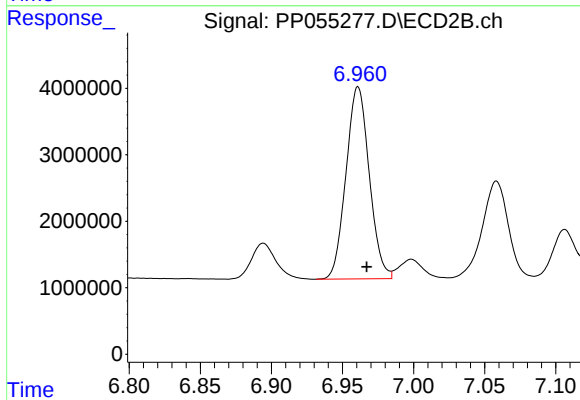
R.T.: 6.754 min
Delta R.T.: -0.006 min
Response: 18674168
Conc: 434.67 ng/ml



#37 AR-1262-2

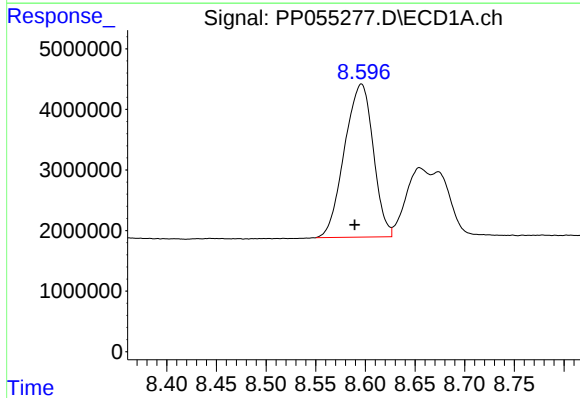
R.T.: 8.274 min
Delta R.T.: -0.003 min
Response: 75214809
Conc: 373.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



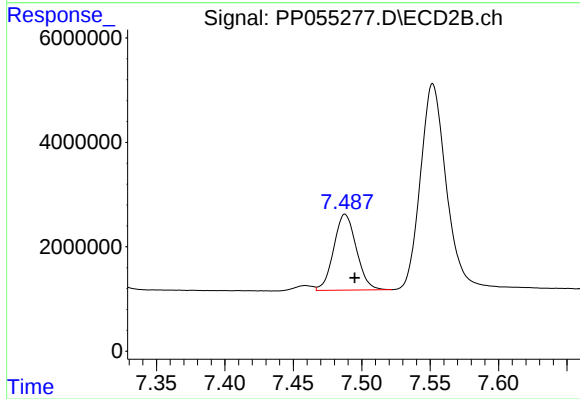
#37 AR-1262-2

R.T.: 6.961 min
Delta R.T.: -0.006 min
Response: 32914396
Conc: 355.36 ng/ml



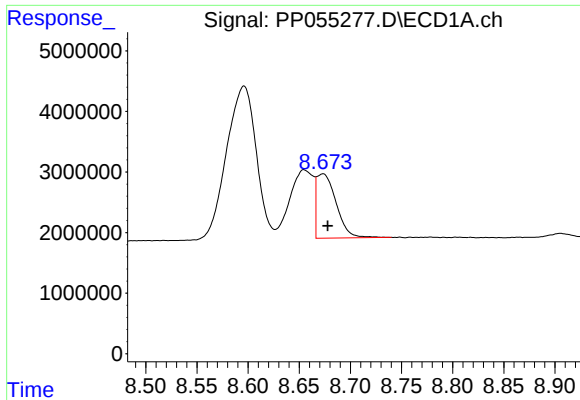
#38 AR-1262-3

R.T.: 8.596 min
Delta R.T.: 0.007 min
Response: 50908338
Conc: 366.06 ng/ml



#38 AR-1262-3

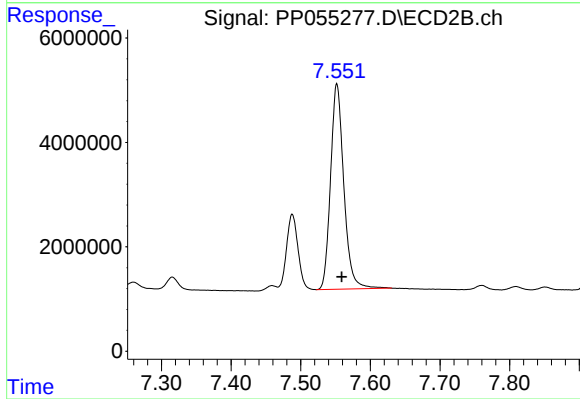
R.T.: 7.488 min
Delta R.T.: -0.007 min
Response: 16779085
Conc: 230.29 ng/ml



#39 AR-1262-4

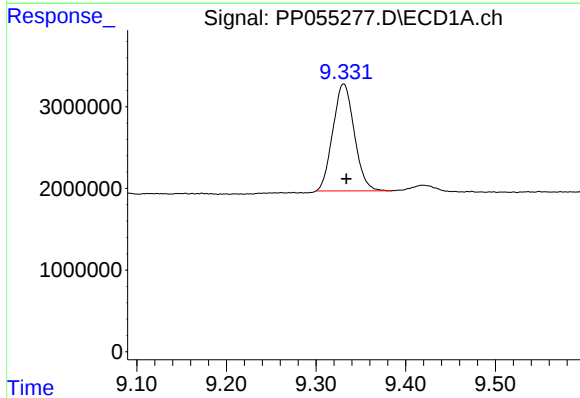
R.T.: 8.673 min
Delta R.T.: -0.005 min
Response: 14158822
Conc: 184.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



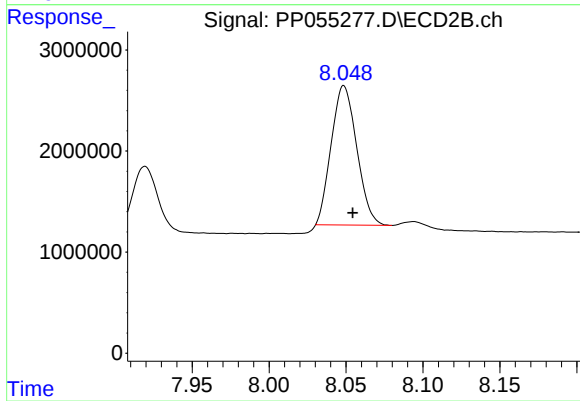
#39 AR-1262-4

R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 52084207
Conc: 398.26 ng/ml



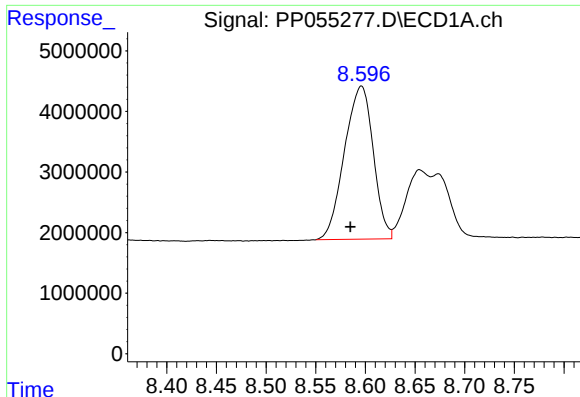
#40 AR-1262-5

R.T.: 9.331 min
Delta R.T.: -0.003 min
Response: 21768490
Conc: 304.37 ng/ml



#40 AR-1262-5

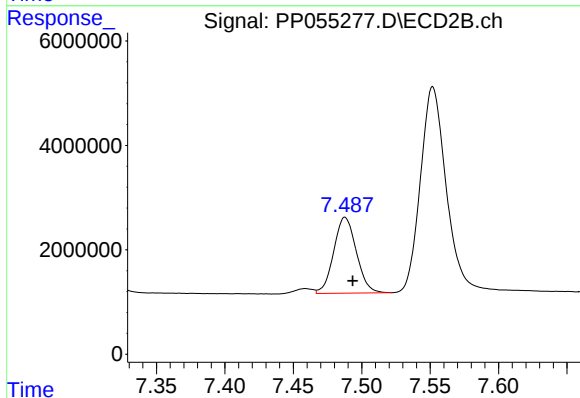
R.T.: 8.049 min
Delta R.T.: -0.006 min
Response: 15917439
Conc: 268.30 ng/ml



#41 AR-1268-1

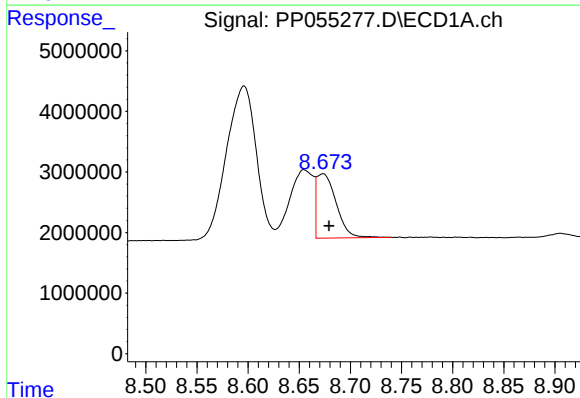
R.T.: 8.596 min
Delta R.T.: 0.011 min
Response: 50908338
Conc: 208.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



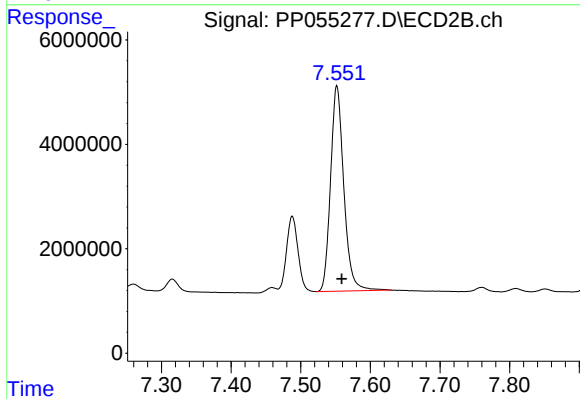
#41 AR-1268-1

R.T.: 7.488 min
Delta R.T.: -0.005 min
Response: 16779085
Conc: 77.60 ng/ml



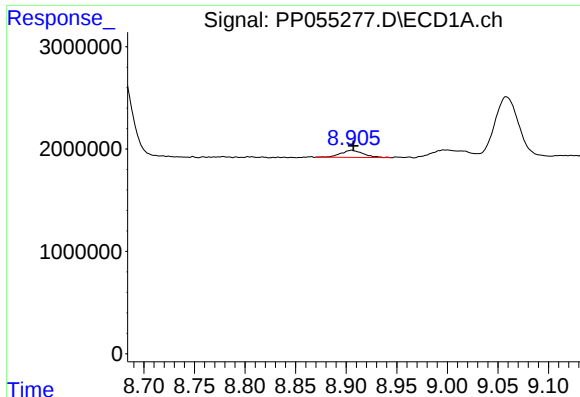
#42 AR-1268-2

R.T.: 8.673 min
Delta R.T.: -0.006 min
Response: 14158822
Conc: 62.34 ng/ml



#42 AR-1268-2

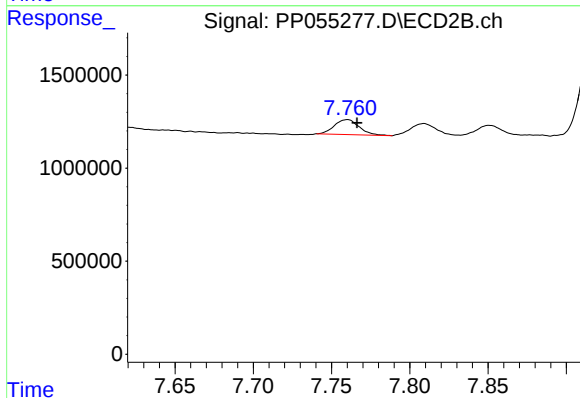
R.T.: 7.552 min
Delta R.T.: -0.007 min
Response: 52084207
Conc: 266.92 ng/ml



#43 AR-1268-3

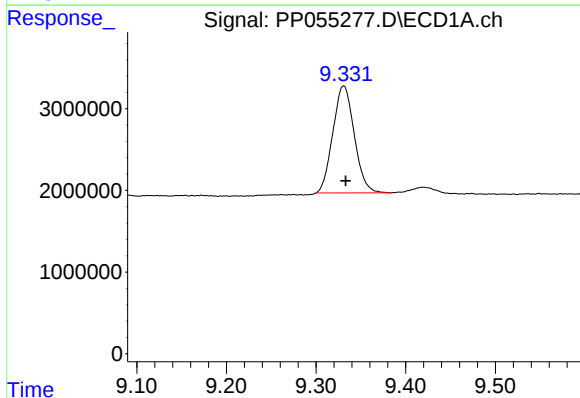
R.T.: 8.905 min
Delta R.T.: -0.002 min
Response: 1081859
Conc: 5.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



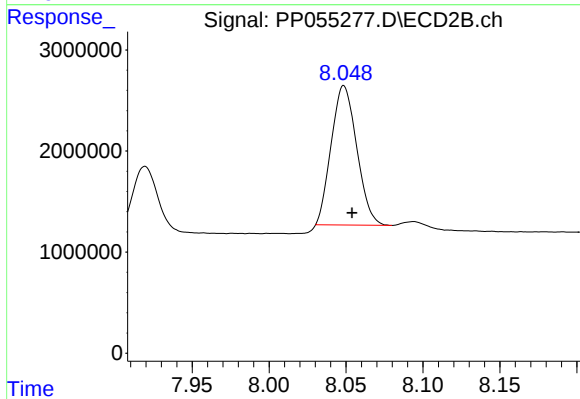
#43 AR-1268-3

R.T.: 7.760 min
Delta R.T.: -0.006 min
Response: 884880
Conc: 5.15 ng/ml



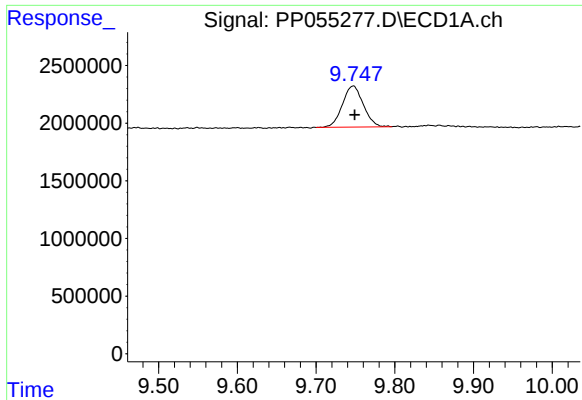
#44 AR-1268-4

R.T.: 9.331 min
Delta R.T.: -0.002 min
Response: 21768490
Conc: 277.14 ng/ml



#44 AR-1268-4

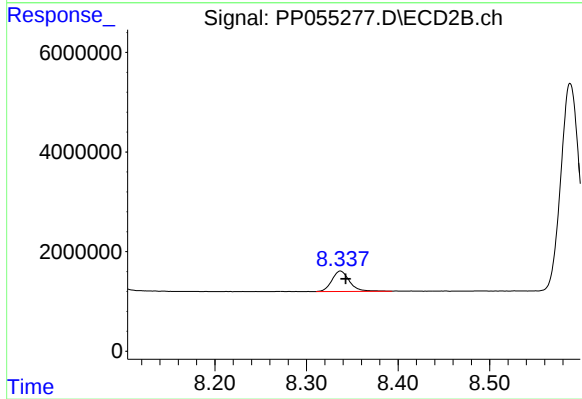
R.T.: 8.049 min
Delta R.T.: -0.005 min
Response: 15917439
Conc: 249.56 ng/ml



#45 AR-1268-5

R.T.: 9.747 min
Delta R.T.: -0.002 min
Response: 6632630
Conc: 10.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.337 min
Delta R.T.: -0.006 min
Response: 5513568
Conc: 10.47 ng/ml