

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
 Data File : PP060758.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 15:22
 Operator : YP\AJ
 Sample : 04808-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 18:15:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.531	3.683	48610603	30907519	21.706	20.764
2)	SA Decachlor...	10.464	8.748	35490266	27858228	20.102	17.078
Target Compounds							
3)	L1 AR-1016-1	5.718	4.780	36925293	29799824	501.670	512.820
4)	L1 AR-1016-2	5.742	4.799	52277151	37914064	499.147	470.950
5)	L1 AR-1016-3	5.805	4.977	32081104	21189697	490.864	474.121
6)	L1 AR-1016-4	5.905	5.020	28354909	16853040	521.427	468.352
7)	L1 AR-1016-5	6.204	5.234	13022775	18704318	234.127	384.942 #
8)	L2 AR-1221-1	4.742	3.898	33533419	3688037	1160.851	176.544 #
9)	L2 AR-1221-2	4.829	3.983	6159212	5546483	288.285	371.975 #
10)	L2 AR-1221-3	4.907	4.062	22006829	15276584	362.377	347.766
11)	L3 AR-1232-1	4.907f	4.062	22006829	15276584	437.181	419.808
12)	L3 AR-1232-2	5.447f	4.799	30551679	37914064	1115.726	1039.643
13)	L3 AR-1232-3	5.742f	4.977	52277151	21189697	1126.245	1058.677
14)	L3 AR-1232-4	5.905f	5.063	28354909	19464644	1153.595	1042.885
15)	L3 AR-1232-5	5.997f	5.234	23131238	18704318	1116.283	899.273
16)	L4 AR-1242-1	5.718	4.780	36925293	29799824	577.796	588.614
17)	L4 AR-1242-2	5.742	4.799	52277151	37914064	577.352	545.963
18)	L4 AR-1242-3	5.805	4.977	32081104	21189697	569.818	550.229
19)	L4 AR-1242-4	5.905	5.063	28354909	19464644	607.094	494.241
20)	L4 AR-1242-5	6.649	5.590	8008257	19722080	159.223	403.173 #
21)	L5 AR-1248-1	5.718	4.780	36925293	29799824	793.675	816.576
22)	L5 AR-1248-2	5.997	5.020	23131238	16853040	333.615	322.411
23)	L5 AR-1248-3	6.204	5.063	13022775	19464644	171.466	350.561 #
24)	L5 AR-1248-4	6.615	5.234	7643140	18704318	92.414	284.143 #
25)	L5 AR-1248-5	6.649	5.633	8008257	3145381	99.502	48.900 #
26)	L6 AR-1254-1	6.586	5.590	21979143	19722080	257.547	199.376
27)	L6 AR-1254-2	6.807	5.739	25004509	16396656	195.920	190.785
28)	L6 AR-1254-3	7.179	6.161	15253703	30728523	114.762	214.395 #
29)	L6 AR-1254-4	7.466	6.375	10245020	3582579	104.181	41.102 #
30)	L6 AR-1254-5	7.888	6.796	87647934	63637693	808.984	502.191 #
31)	L7 AR-1260-1	7.344	6.277	48794174	42176939	465.483	420.192
32)	L7 AR-1260-2	7.603	6.466	58066434	46567169	480.261	390.322
33)	L7 AR-1260-3	7.966	6.621	37162414	45267716	400.931	395.370
34)	L7 AR-1260-4	8.198	7.096	45138628	33316651	425.632	350.032
35)	L7 AR-1260-5	8.533	7.338	81943817	78694339	423.436	363.126
36)	L8 AR-1262-1	7.966	6.888	37162414	18654049	297.930	348.365
37)	L8 AR-1262-2	8.533	7.096	81943817	33316651	391.171	282.464 #
38)	L8 AR-1262-3	8.876f	7.625	55716429	14819637	368.160	160.718 #
39)	L8 AR-1262-4	8.938	7.688	33432746	54974497	279.360	326.332
40)	L8 AR-1262-5	9.653	8.188	20890702	16253570	260.925	209.793
41)	L9 AR-1268-1	8.876f	7.625	55716429	14819637	210.013	54.519 #

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 ALS Vial : 17 Sample Multiplier: 1

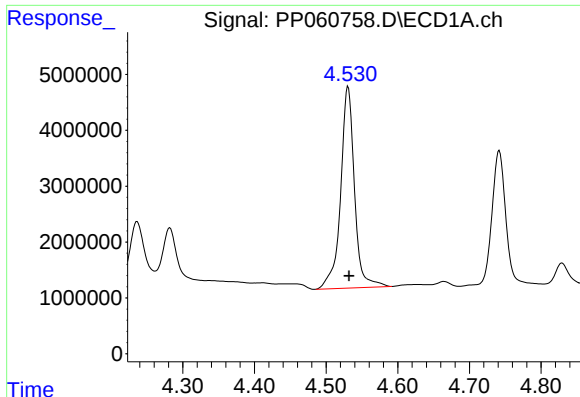
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 18:15:19 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
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 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	8.938f	7.688	33432746	54974497	137.168	225.421 #
43) L9	AR-1268-3	9.203	7.899	1658285	1430111	7.929	6.686
44) L9	AR-1268-4	9.653	8.188	20890702	16253570	226.132	185.251
45) L9	AR-1268-5	10.099	8.487	7967511	5171171	12.585	8.274 #

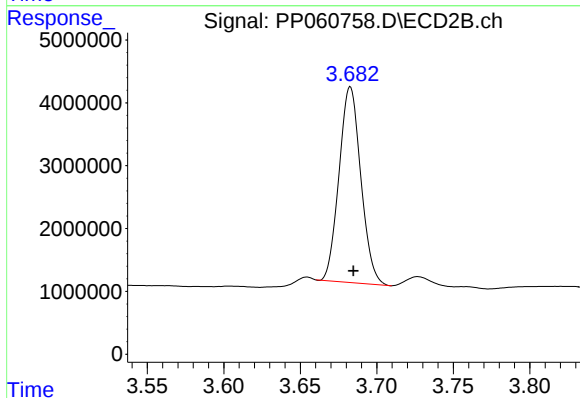
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

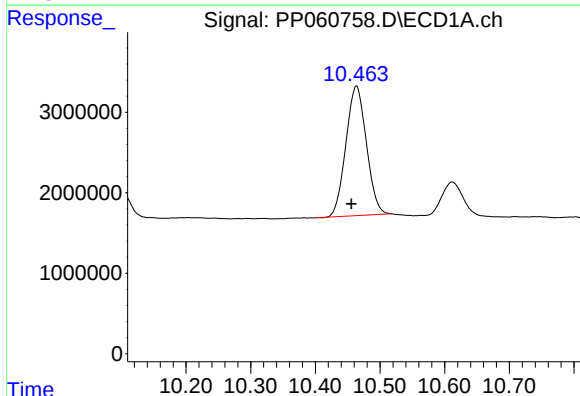
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 48610603
Conc: 21.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



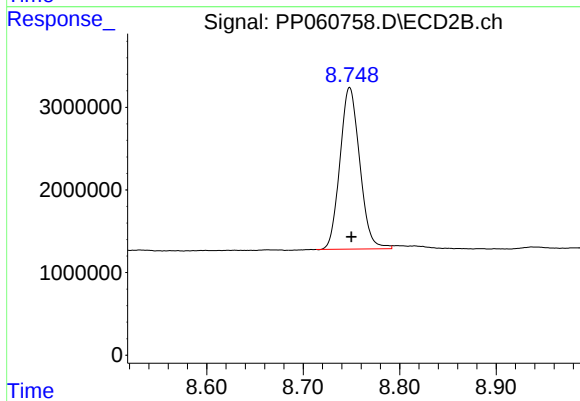
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 30907519
Conc: 20.76 ng/ml



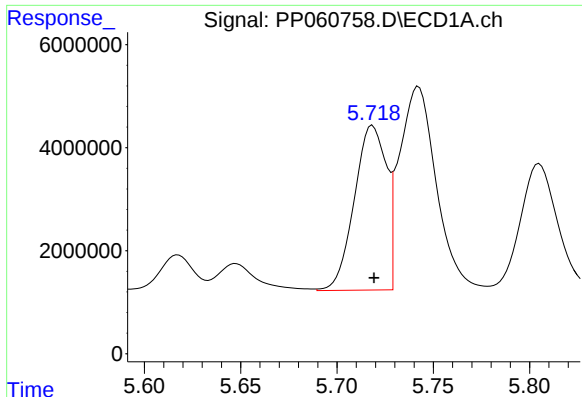
#2 Decachlorobiphenyl

R.T.: 10.464 min
Delta R.T.: 0.008 min
Response: 35490266
Conc: 20.10 ng/ml



#2 Decachlorobiphenyl

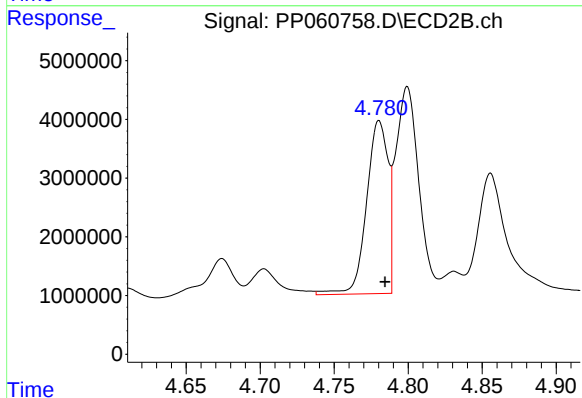
R.T.: 8.748 min
Delta R.T.: -0.002 min
Response: 27858228
Conc: 17.08 ng/ml



#3 AR-1016-1

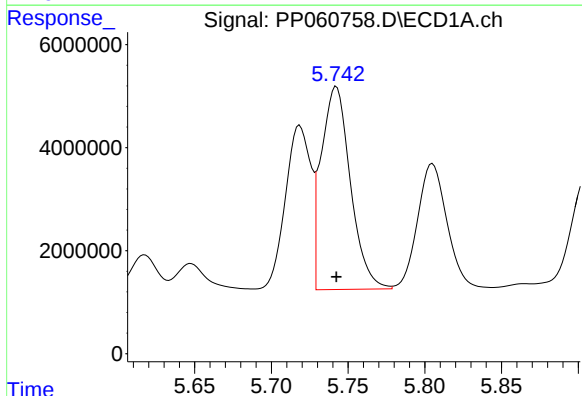
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 36925293
Conc: 501.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



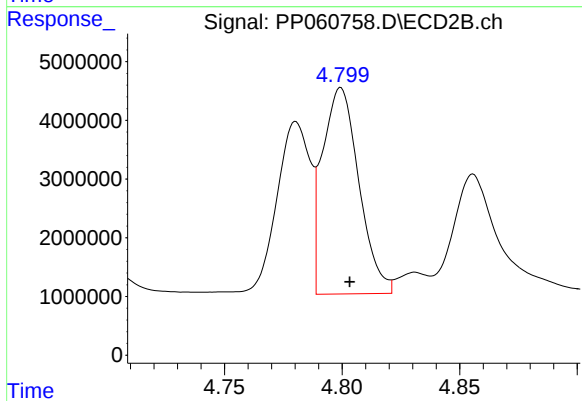
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 29799824
Conc: 512.82 ng/ml



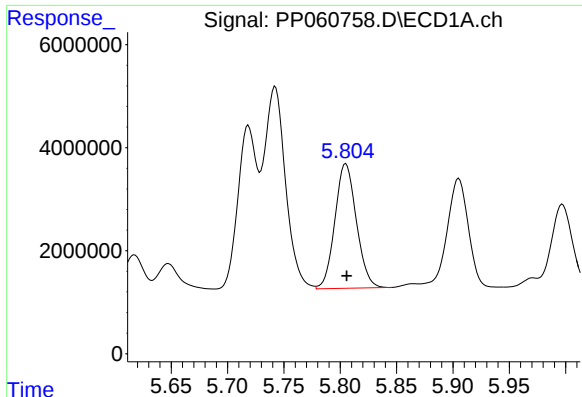
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 52277151
Conc: 499.15 ng/ml



#4 AR-1016-2

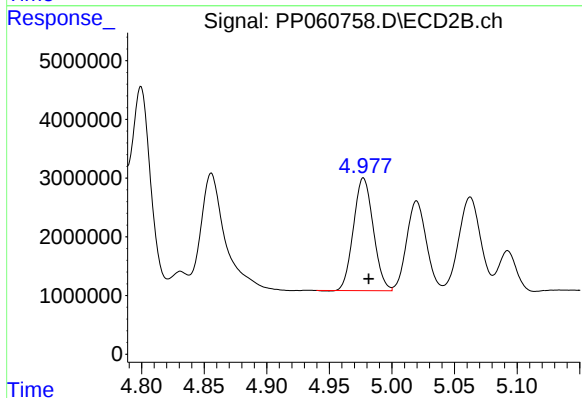
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 37914064
Conc: 470.95 ng/ml



#5 AR-1016-3

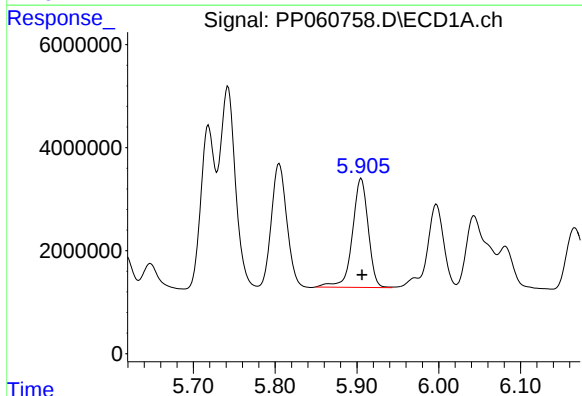
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 32081104
Conc: 490.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



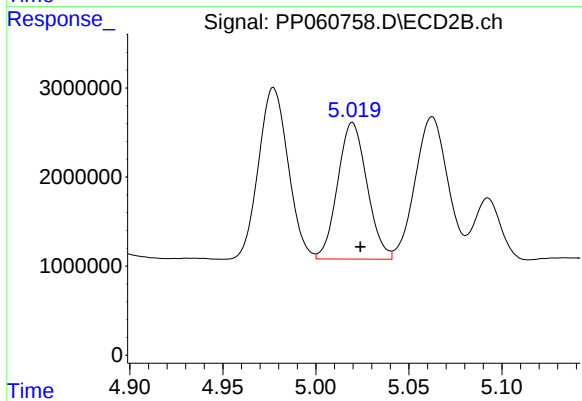
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 21189697
Conc: 474.12 ng/ml



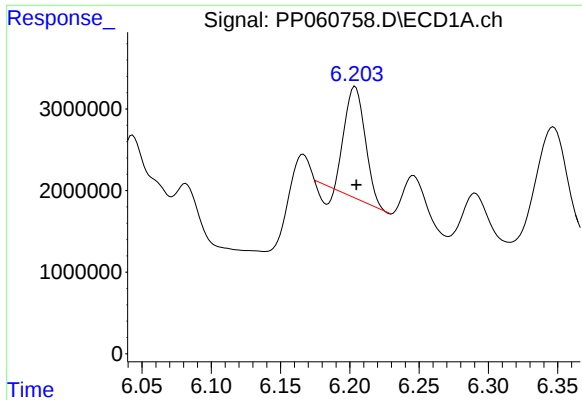
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 28354909
Conc: 521.43 ng/ml



#6 AR-1016-4

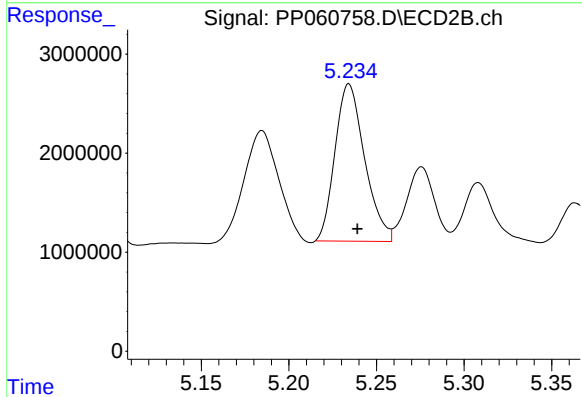
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16853040
Conc: 468.35 ng/ml



#7 AR-1016-5

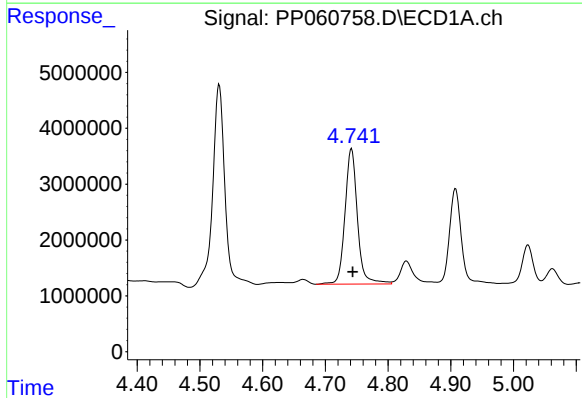
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 13022775
Conc: 234.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



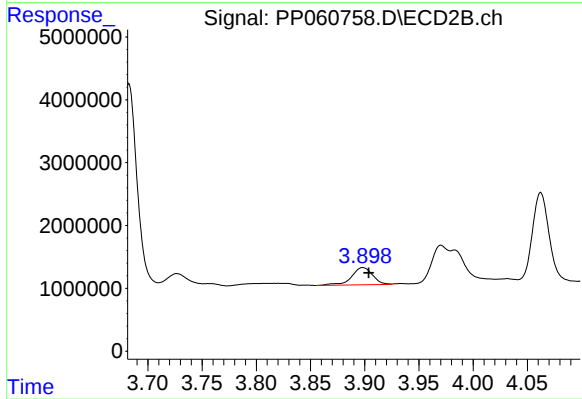
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 18704318
Conc: 384.94 ng/ml



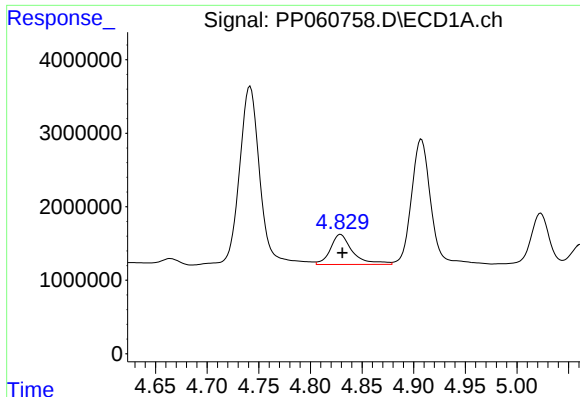
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 33533419
Conc: 1160.85 ng/ml



#8 AR-1221-1

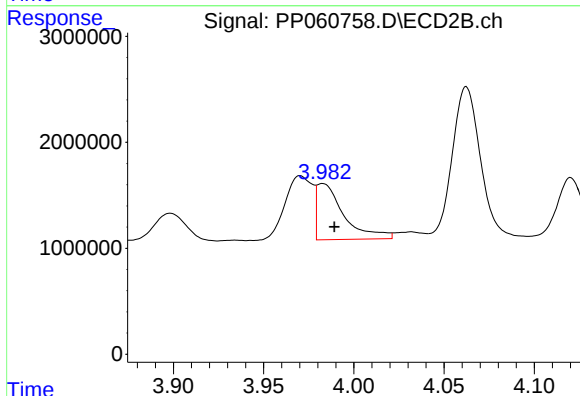
R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 3688037
Conc: 176.54 ng/ml



#9 AR-1221-2

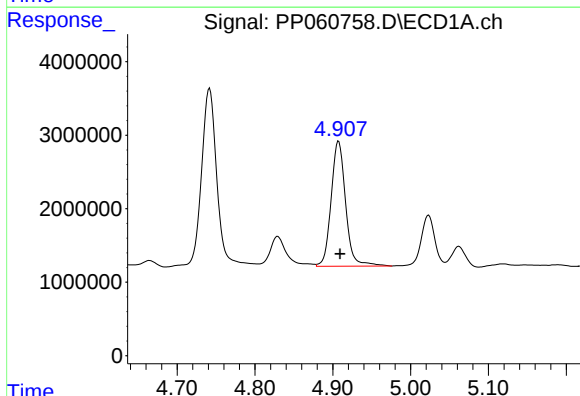
R.T.: 4.829 min
Delta R.T.: -0.002 min
Response: 6159212
Conc: 288.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



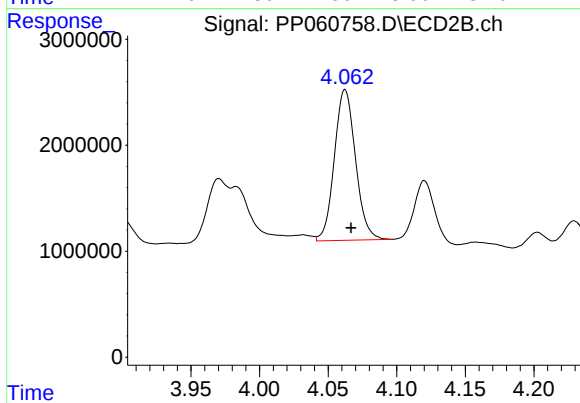
#9 AR-1221-2

R.T.: 3.983 min
Delta R.T.: -0.006 min
Response: 5546483
Conc: 371.98 ng/ml



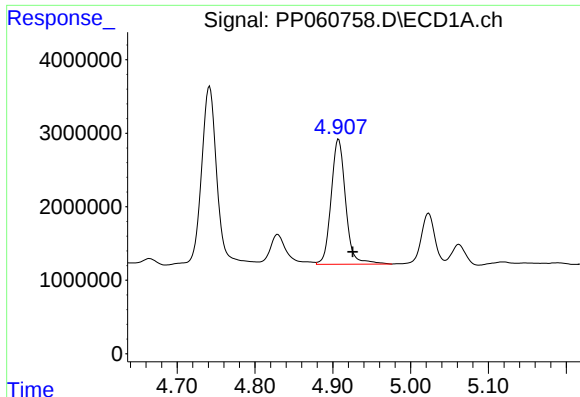
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.002 min
Response: 22006829
Conc: 362.38 ng/ml



#10 AR-1221-3

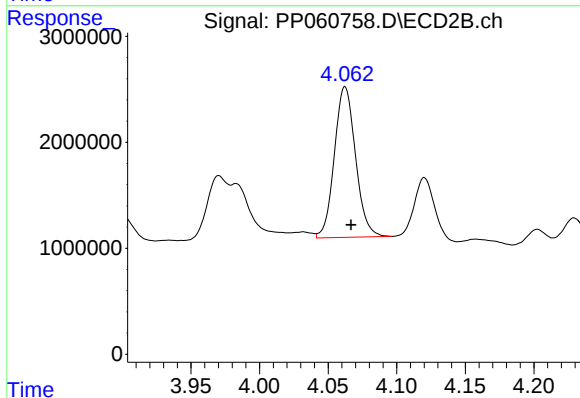
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 15276584
Conc: 347.77 ng/ml



#11 AR-1232-1

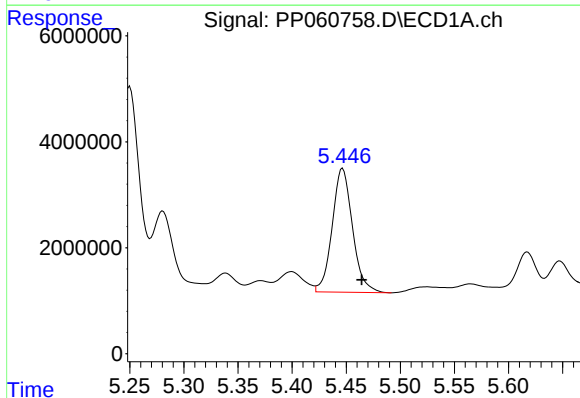
R.T.: 4.907 min
Delta R.T.: -0.018 min
Response: 22006829
Conc: 437.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



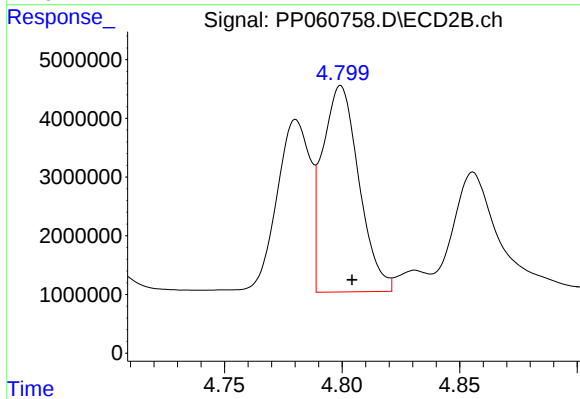
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 15276584
Conc: 419.81 ng/ml



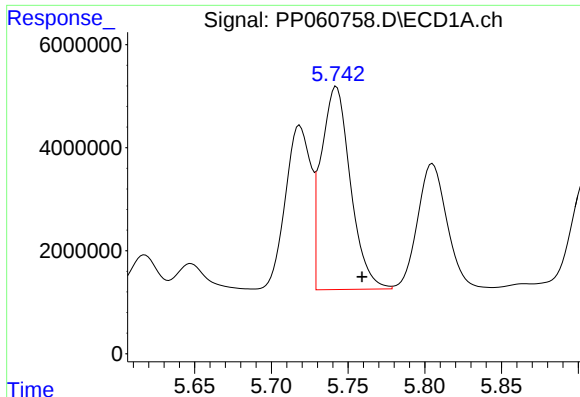
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.018 min
Response: 30551679
Conc: 1115.73 ng/ml



#12 AR-1232-2

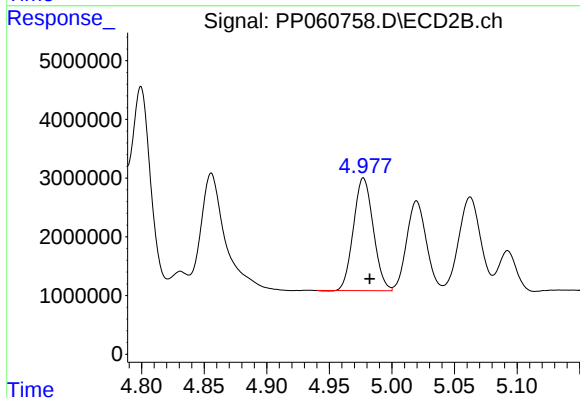
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 37914064
Conc: 1039.64 ng/ml



#13 AR-1232-3

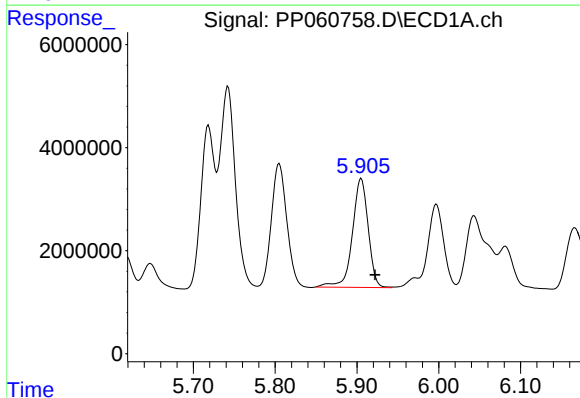
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 52277151
Conc: 1126.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



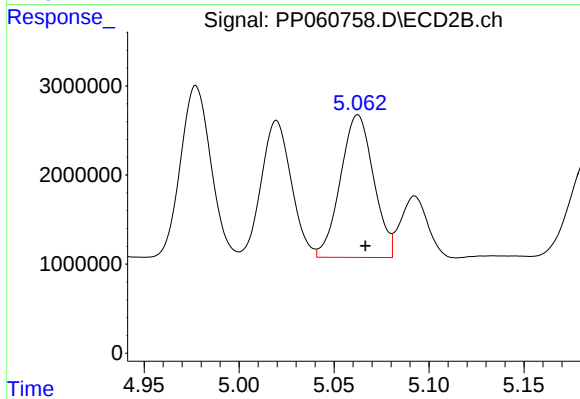
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 21189697
Conc: 1058.68 ng/ml



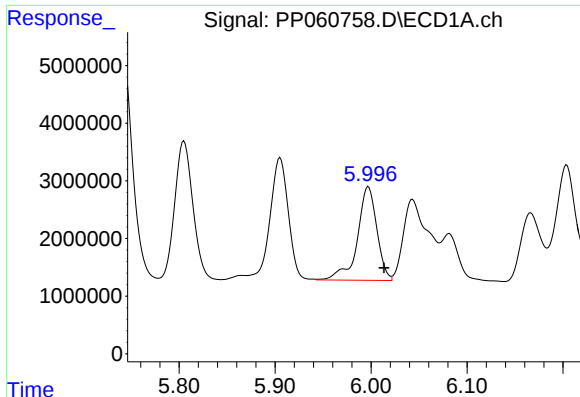
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 28354909
Conc: 1153.59 ng/ml



#14 AR-1232-4

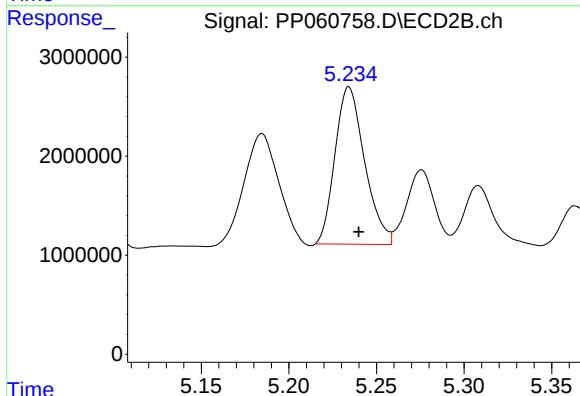
R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 19464644
Conc: 1042.88 ng/ml



#15 AR-1232-5

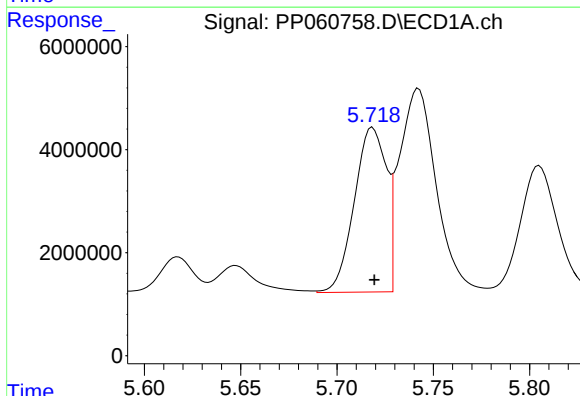
R.T.: 5.997 min
Delta R.T.: -0.016 min
Response: 23131238
Conc: 1116.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



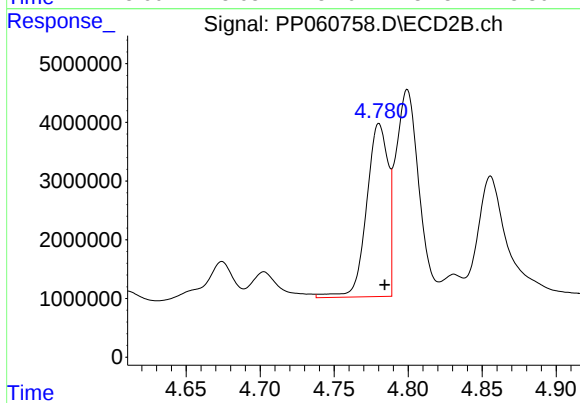
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: -0.006 min
Response: 18704318
Conc: 899.27 ng/ml



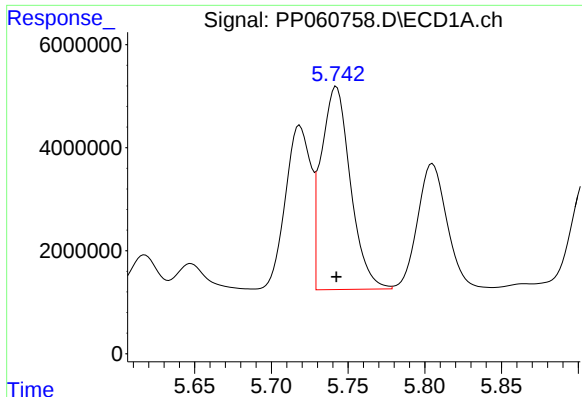
#16 AR-1242-1

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 36925293
Conc: 577.80 ng/ml



#16 AR-1242-1

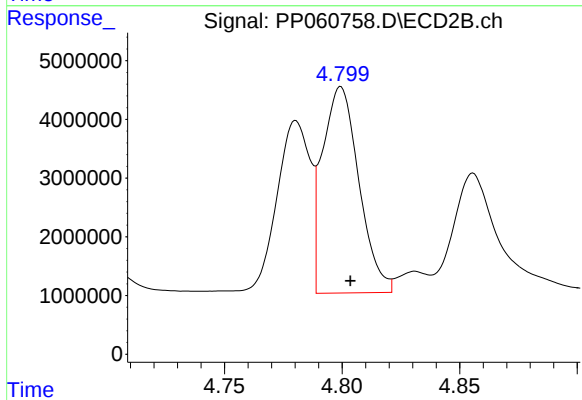
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 29799824
Conc: 588.61 ng/ml



#17 AR-1242-2

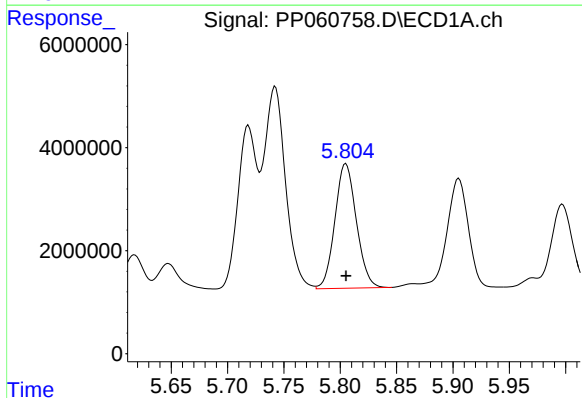
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 52277151
Conc: 577.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



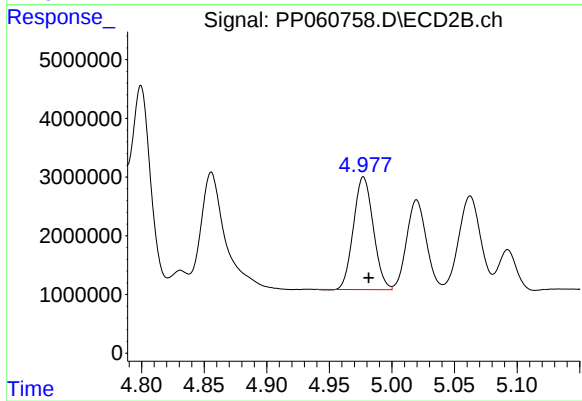
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 37914064
Conc: 545.96 ng/ml



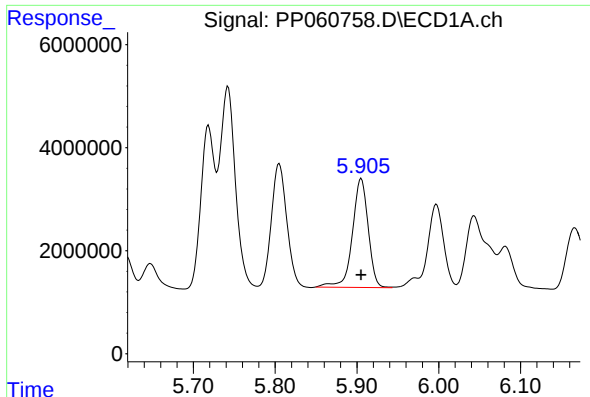
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 32081104
Conc: 569.82 ng/ml



#18 AR-1242-3

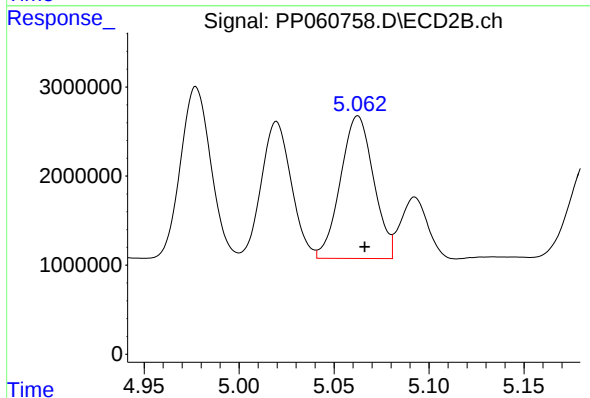
R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 21189697
Conc: 550.23 ng/ml



#19 AR-1242-4

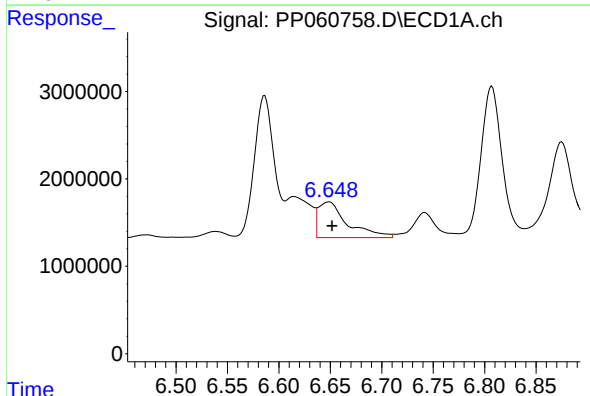
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 28354909
Conc: 607.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



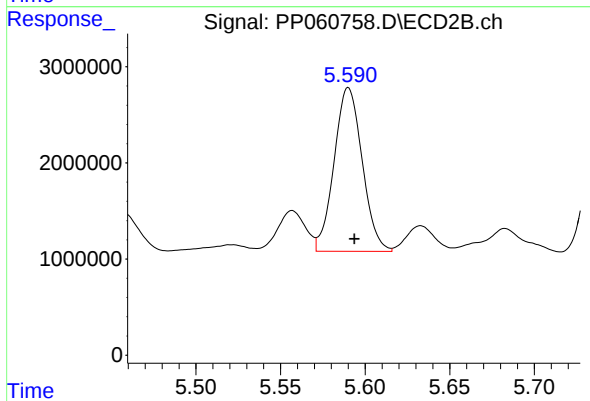
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 19464644
Conc: 494.24 ng/ml



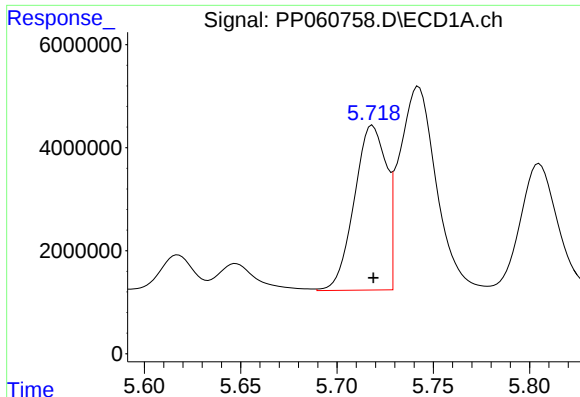
#20 AR-1242-5

R.T.: 6.649 min
Delta R.T.: -0.003 min
Response: 8008257
Conc: 159.22 ng/ml



#20 AR-1242-5

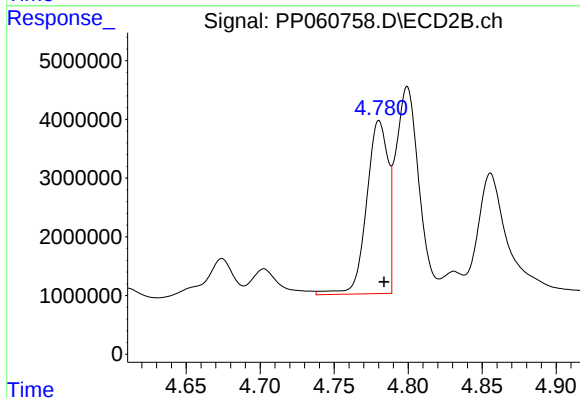
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 19722080
Conc: 403.17 ng/ml



#21 AR-1248-1

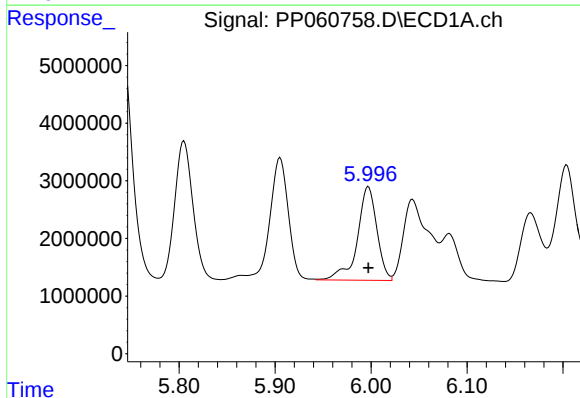
R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 36925293
Conc: 793.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



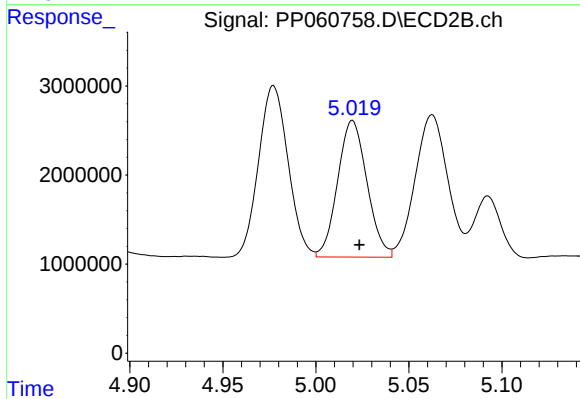
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 29799824
Conc: 816.58 ng/ml



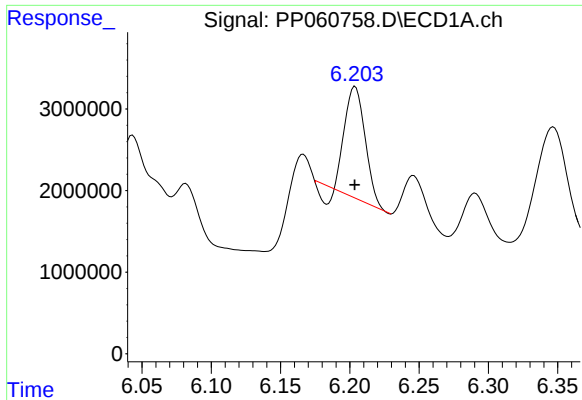
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 23131238
Conc: 333.61 ng/ml



#22 AR-1248-2

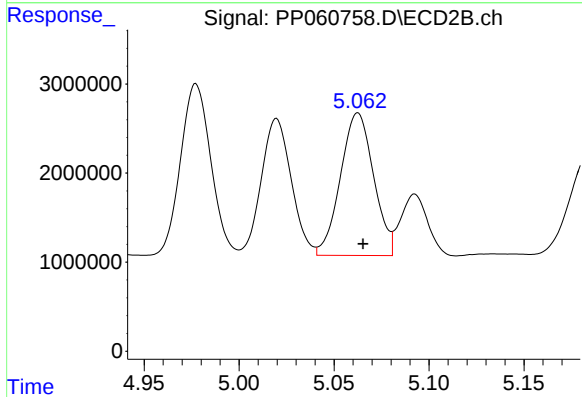
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16853040
Conc: 322.41 ng/ml



#23 AR-1248-3

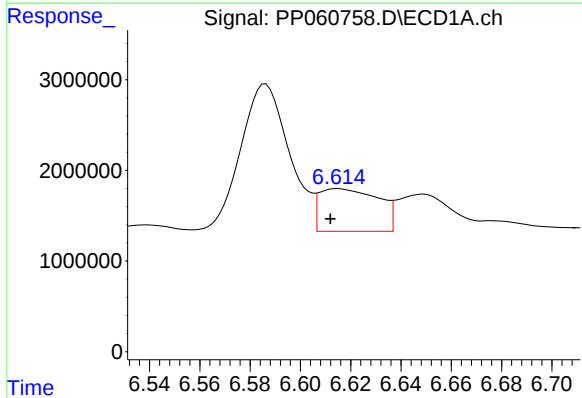
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 13022775
Conc: 171.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



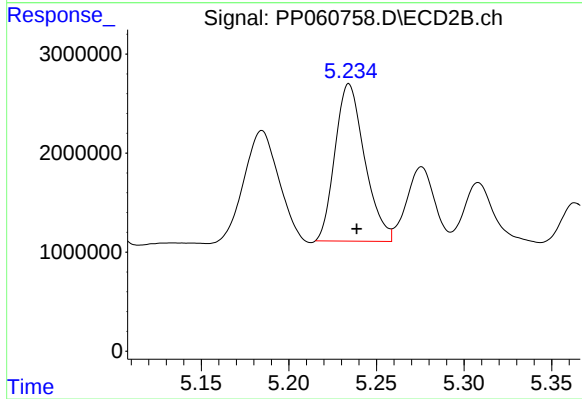
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 19464644
Conc: 350.56 ng/ml



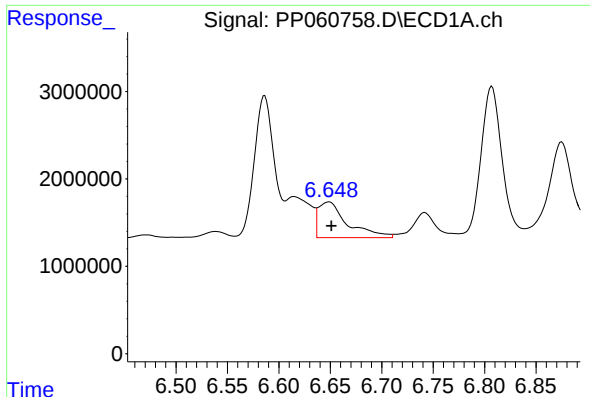
#24 AR-1248-4

R.T.: 6.615 min
Delta R.T.: 0.003 min
Response: 7643140
Conc: 92.41 ng/ml



#24 AR-1248-4

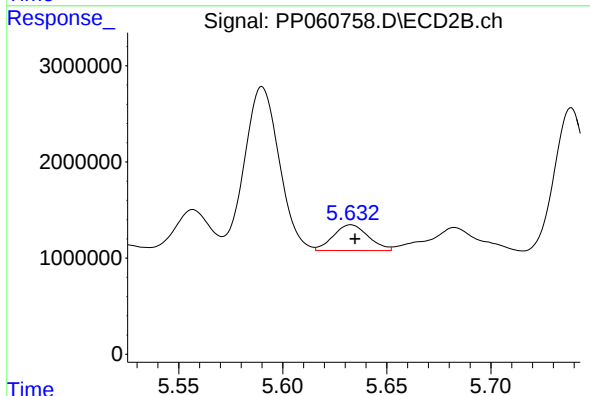
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 18704318
Conc: 284.14 ng/ml



#25 AR-1248-5

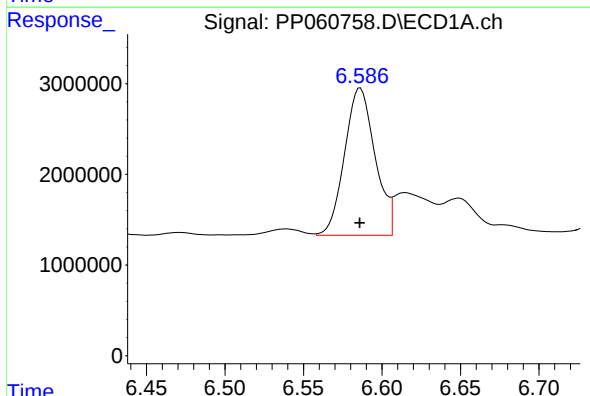
R.T.: 6.649 min
Delta R.T.: -0.002 min
Response: 8008257
Conc: 99.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



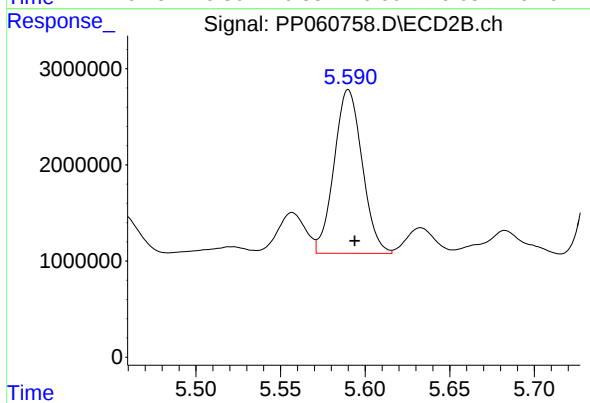
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 3145381
Conc: 48.90 ng/ml



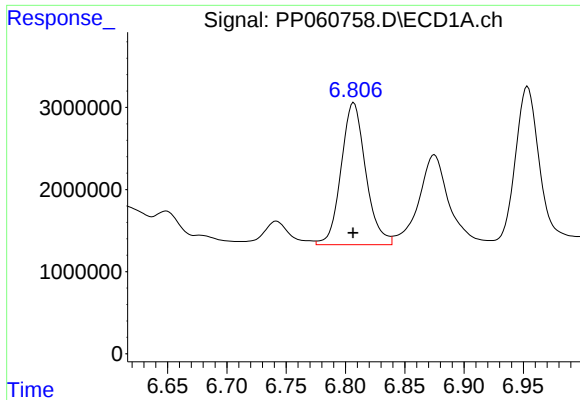
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 21979143
Conc: 257.55 ng/ml



#26 AR-1254-1

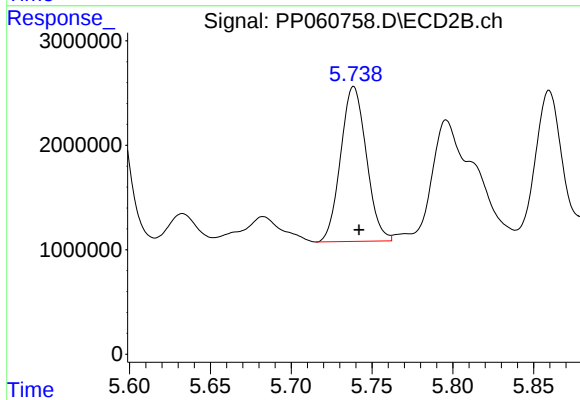
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 19722080
Conc: 199.38 ng/ml



#27 AR-1254-2

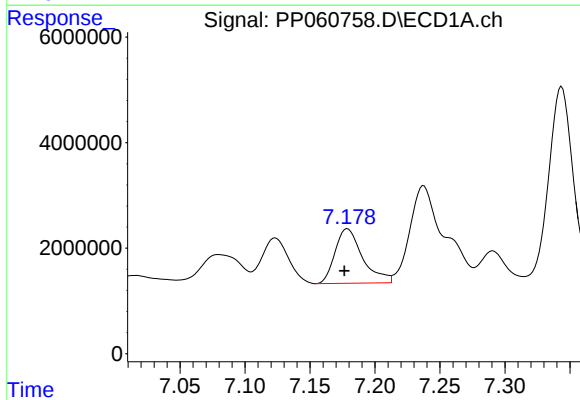
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 25004509
Conc: 195.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



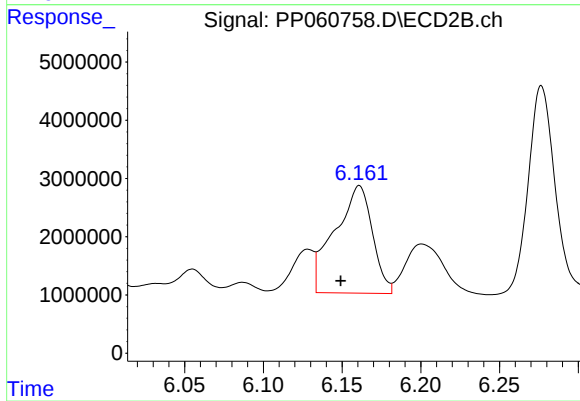
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 16396656
Conc: 190.79 ng/ml



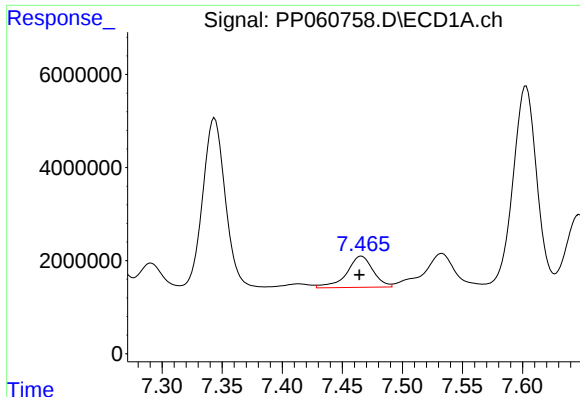
#28 AR-1254-3

R.T.: 7.179 min
Delta R.T.: 0.003 min
Response: 15253703
Conc: 114.76 ng/ml



#28 AR-1254-3

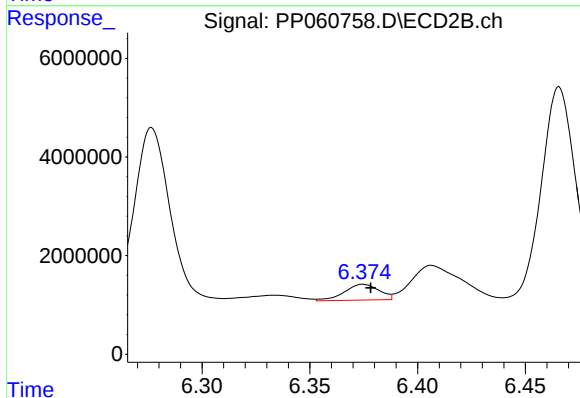
R.T.: 6.161 min
Delta R.T.: 0.012 min
Response: 30728523
Conc: 214.39 ng/ml



#29 AR-1254-4

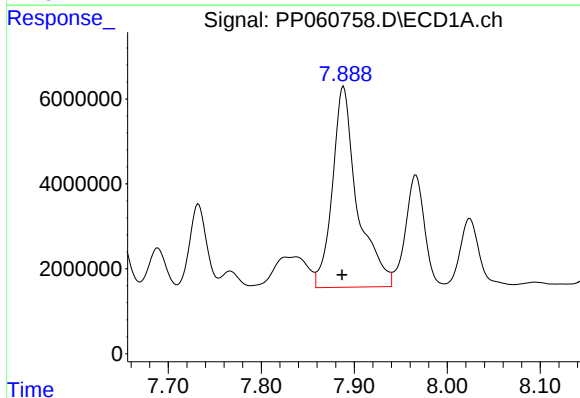
R.T.: 7.466 min
Delta R.T.: 0.002 min
Response: 10245020
Conc: 104.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



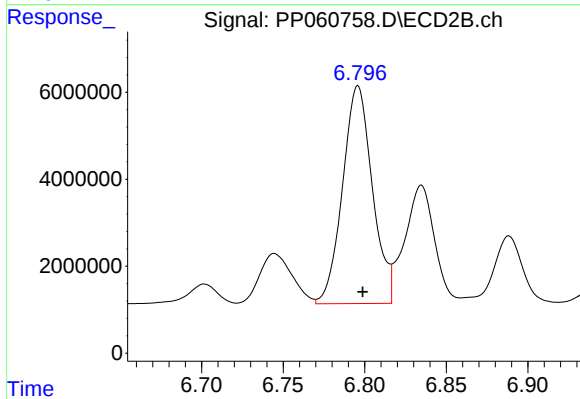
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 3582579
Conc: 41.10 ng/ml



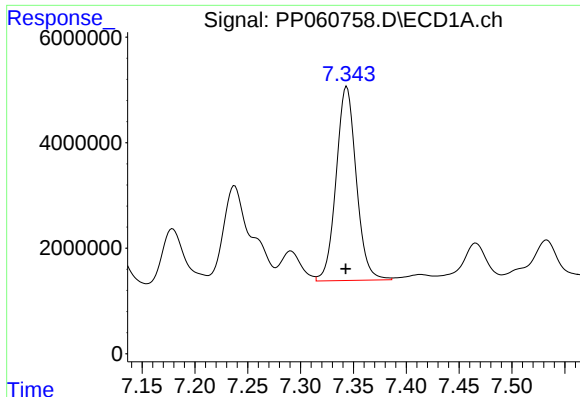
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.001 min
Response: 87647934
Conc: 808.98 ng/ml



#30 AR-1254-5

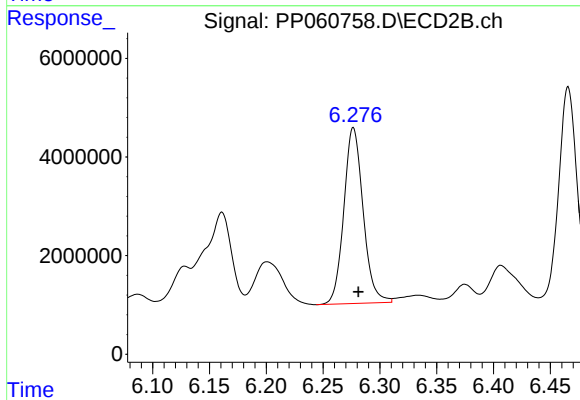
R.T.: 6.796 min
Delta R.T.: -0.003 min
Response: 63637693
Conc: 502.19 ng/ml



#31 AR-1260-1

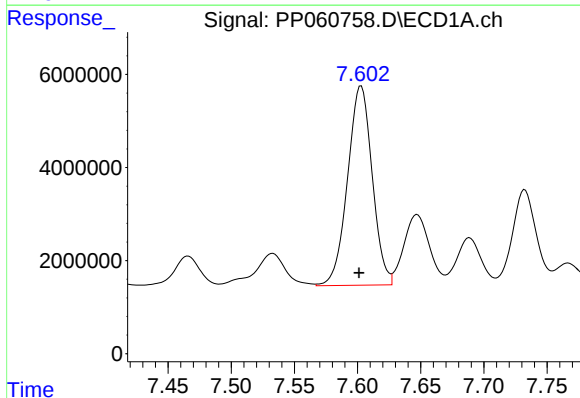
R.T.: 7.344 min
Delta R.T.: 0.000 min
Response: 48794174
Conc: 465.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



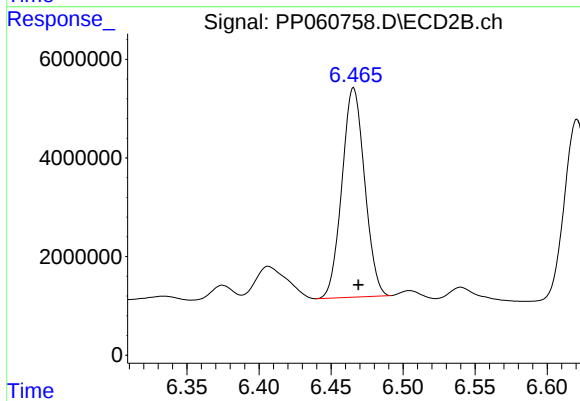
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 42176939
Conc: 420.19 ng/ml



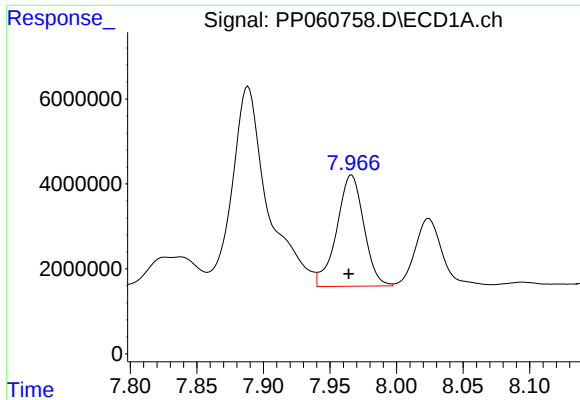
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: 0.002 min
Response: 58066434
Conc: 480.26 ng/ml



#32 AR-1260-2

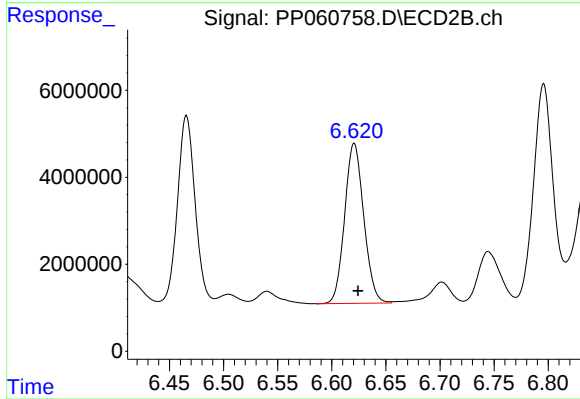
R.T.: 6.466 min
Delta R.T.: -0.003 min
Response: 46567169
Conc: 390.32 ng/ml



#33 AR-1260-3

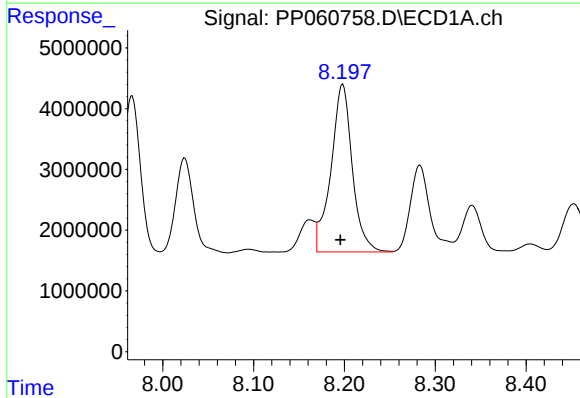
R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 37162414
Conc: 400.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



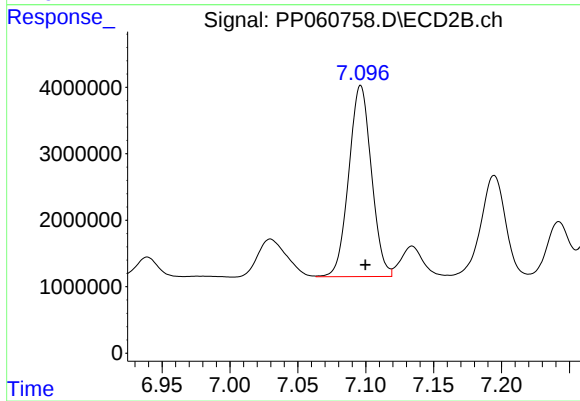
#33 AR-1260-3

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 45267716
Conc: 395.37 ng/ml



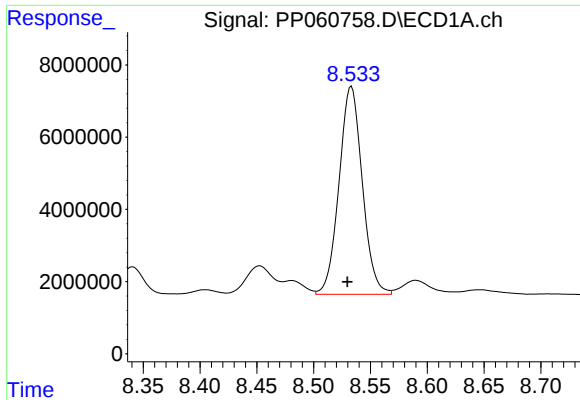
#34 AR-1260-4

R.T.: 8.198 min
Delta R.T.: 0.003 min
Response: 45138628
Conc: 425.63 ng/ml



#34 AR-1260-4

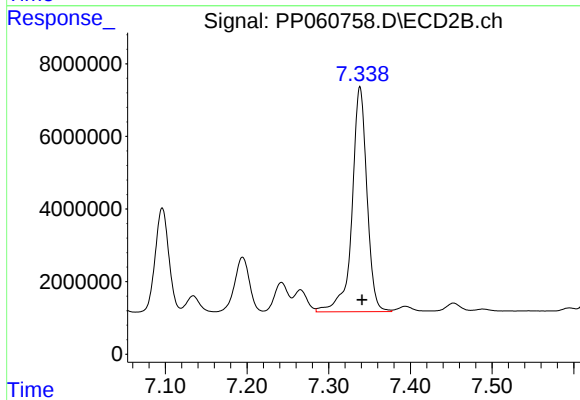
R.T.: 7.096 min
Delta R.T.: -0.003 min
Response: 33316651
Conc: 350.03 ng/ml



#35 AR-1260-5

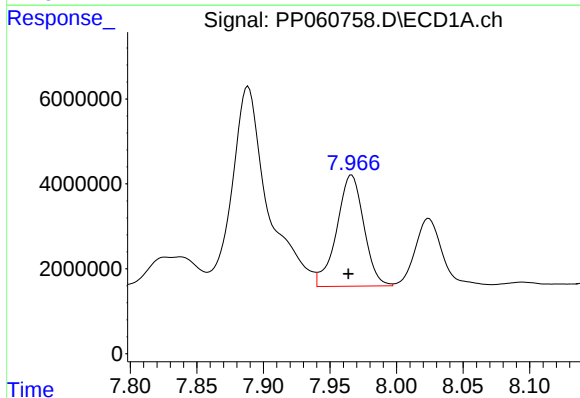
R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 81943817
Conc: 423.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



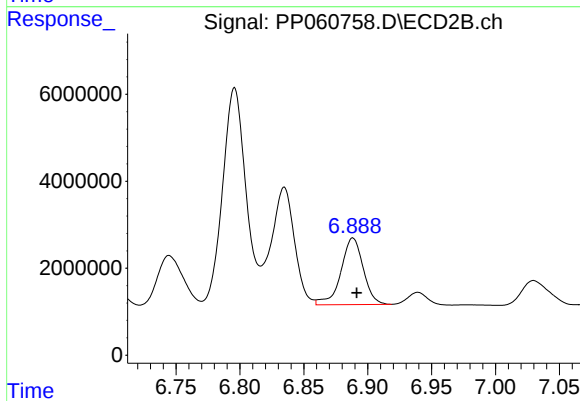
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 78694339
Conc: 363.13 ng/ml



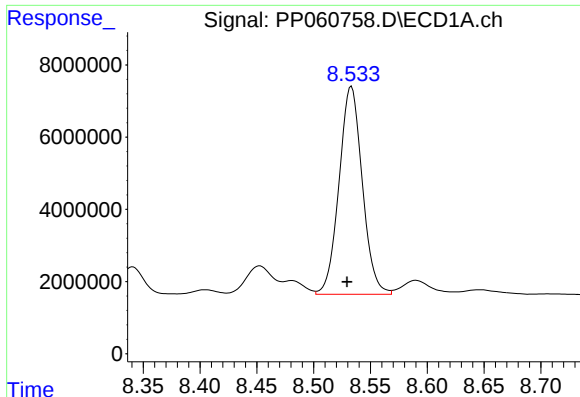
#36 AR-1262-1

R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 37162414
Conc: 297.93 ng/ml



#36 AR-1262-1

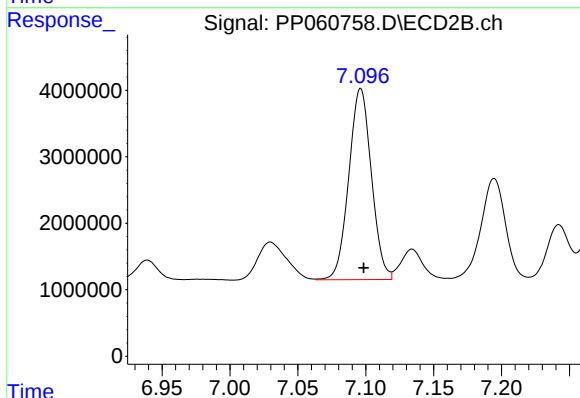
R.T.: 6.888 min
Delta R.T.: -0.003 min
Response: 18654049
Conc: 348.37 ng/ml



#37 AR-1262-2

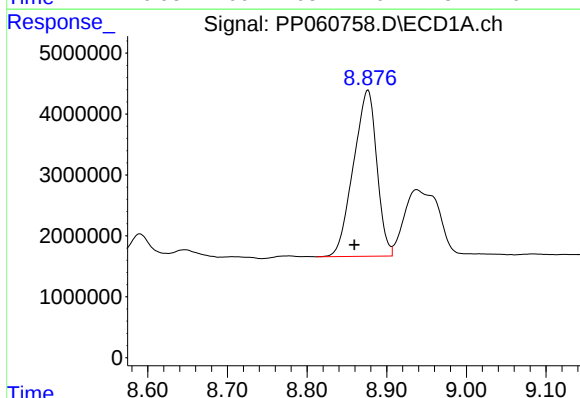
R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 81943817
Conc: 391.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



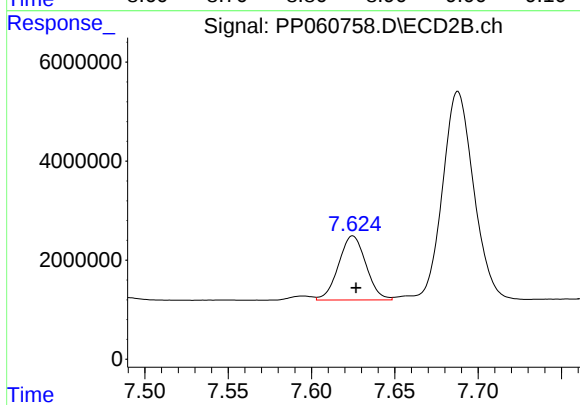
#37 AR-1262-2

R.T.: 7.096 min
Delta R.T.: -0.002 min
Response: 33316651
Conc: 282.46 ng/ml



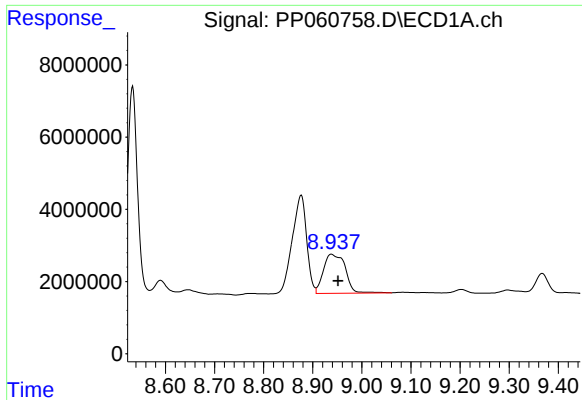
#38 AR-1262-3

R.T.: 8.876 min
Delta R.T.: 0.017 min
Response: 55716429
Conc: 368.16 ng/ml



#38 AR-1262-3

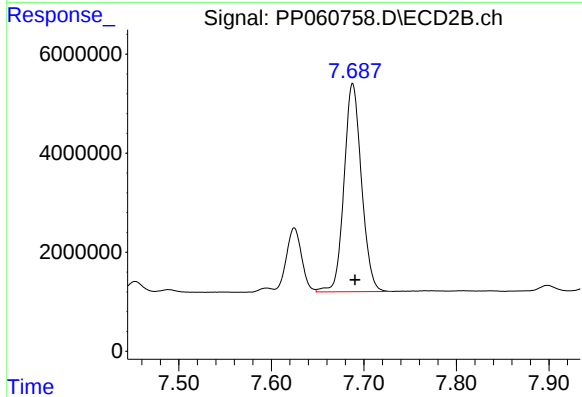
R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 14819637
Conc: 160.72 ng/ml



#39 AR-1262-4

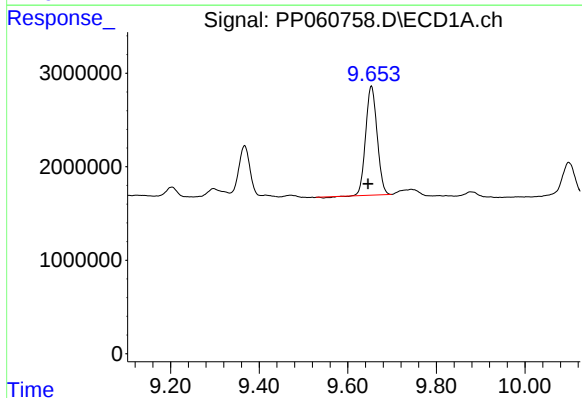
R.T.: 8.938 min
Delta R.T.: -0.014 min
Response: 33432746
Conc: 279.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



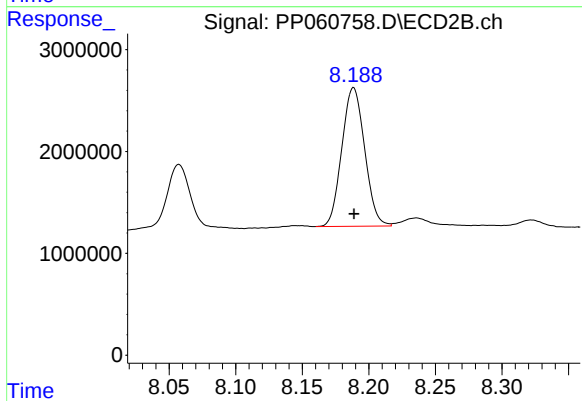
#39 AR-1262-4

R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 54974497
Conc: 326.33 ng/ml



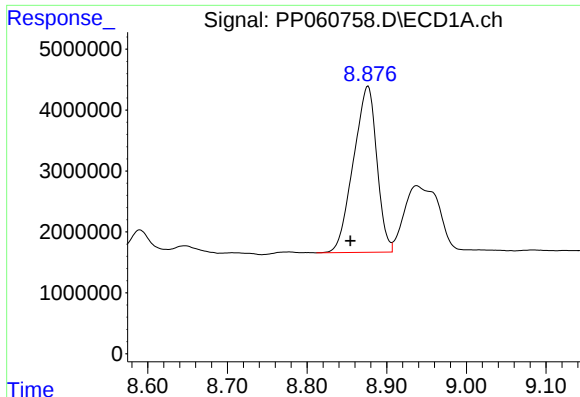
#40 AR-1262-5

R.T.: 9.653 min
Delta R.T.: 0.007 min
Response: 20890702
Conc: 260.92 ng/ml



#40 AR-1262-5

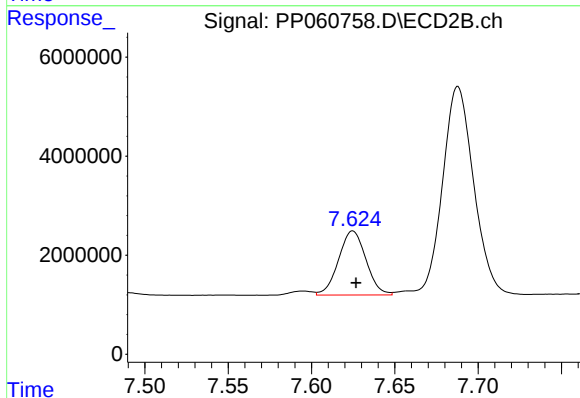
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 16253570
Conc: 209.79 ng/ml



#41 AR-1268-1

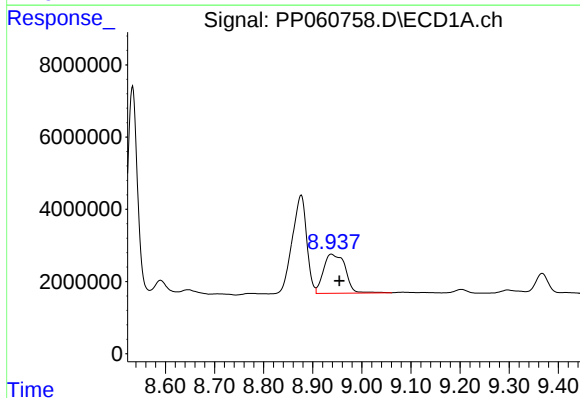
R.T.: 8.876 min
Delta R.T.: 0.022 min
Response: 55716429
Conc: 210.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



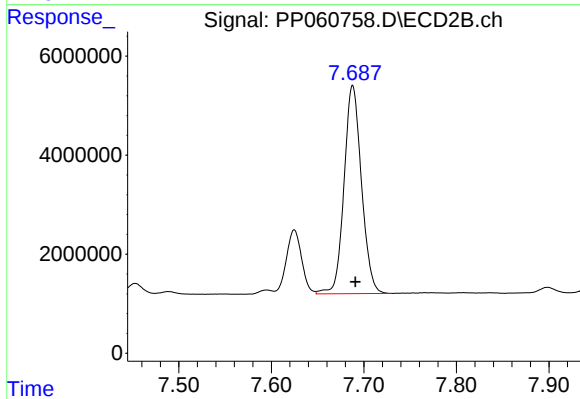
#41 AR-1268-1

R.T.: 7.625 min
Delta R.T.: -0.002 min
Response: 14819637
Conc: 54.52 ng/ml



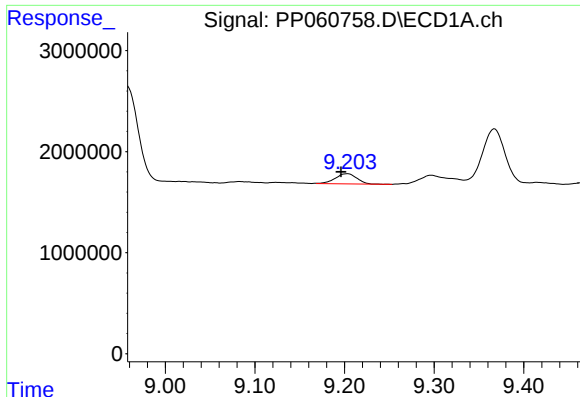
#42 AR-1268-2

R.T.: 8.938 min
Delta R.T.: -0.016 min
Response: 33432746
Conc: 137.17 ng/ml



#42 AR-1268-2

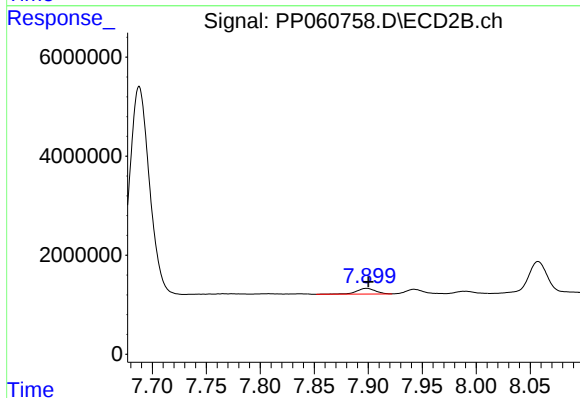
R.T.: 7.688 min
Delta R.T.: -0.003 min
Response: 54974497
Conc: 225.42 ng/ml



#43 AR-1268-3

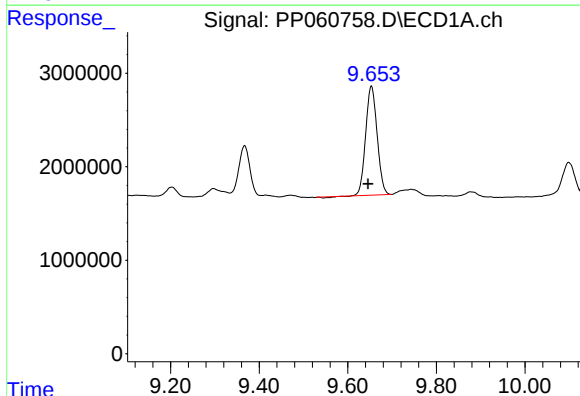
R.T.: 9.203 min
Delta R.T.: 0.007 min
Response: 1658285
Conc: 7.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



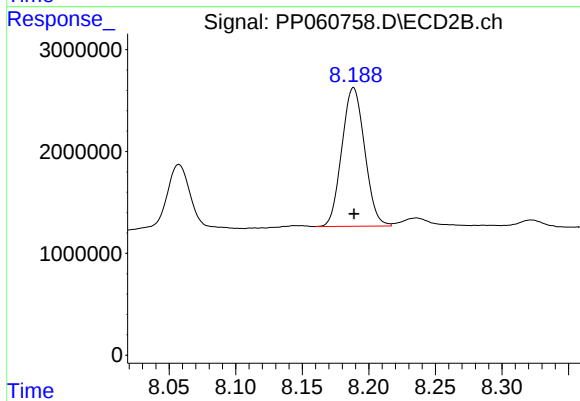
#43 AR-1268-3

R.T.: 7.899 min
Delta R.T.: -0.002 min
Response: 1430111
Conc: 6.69 ng/ml



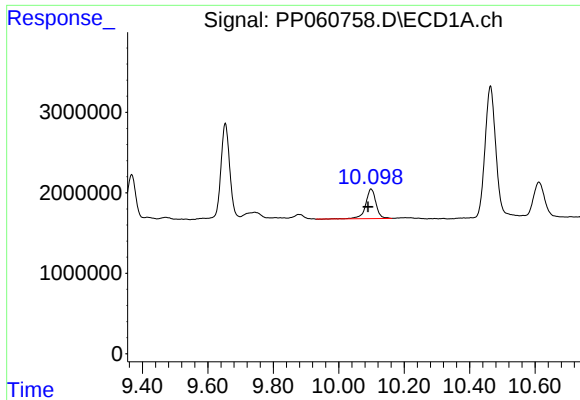
#44 AR-1268-4

R.T.: 9.653 min
Delta R.T.: 0.008 min
Response: 20890702
Conc: 226.13 ng/ml



#44 AR-1268-4

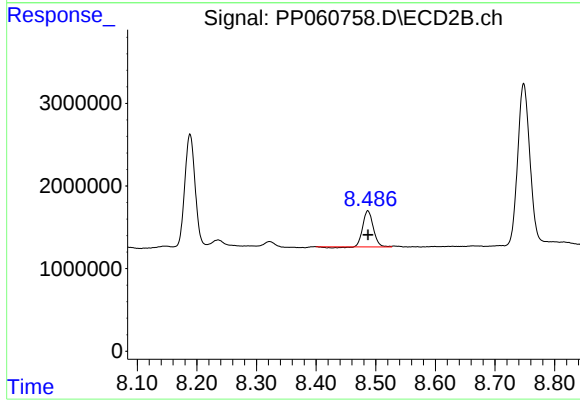
R.T.: 8.188 min
Delta R.T.: 0.000 min
Response: 16253570
Conc: 185.25 ng/ml



#45 AR-1268-5

R.T.: 10.099 min
Delta R.T.: 0.009 min
Response: 7967511
Conc: 12.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.487 min
Delta R.T.: 0.000 min
Response: 5171171
Conc: 8.27 ng/ml