

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011323\
 Data File : PP054558.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2023 15:36
 Operator : YP\AJ
 Sample : 01135-01MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 05:23:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jan 05 03:46:53 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...	4.337	3.587	45122820	30590678	22.282	18.965
2)	SA Decachlor...	10.105	8.608	22755982	27542739	15.845	19.525
Target Compounds							
3)	L1 AR-1016-1	5.509	4.672	33787695	25386088	457.228	487.890
4)	L1 AR-1016-2	5.532	4.690	47951031	37022139	449.321	516.906
5)	L1 AR-1016-3	5.594	4.867	29249039	19734632	427.534	503.076
6)	L1 AR-1016-4	5.693	4.909	21200233	17028551	407.192	494.817
7)	L1 AR-1016-5	5.989	5.123	19710519	20930685	435.335	476.051
8)	L2 AR-1221-1	4.542	3.799	4546353	2732961	189.083	143.025
9)	L2 AR-1221-2	4.632	3.885	4825887	4181900	272.388	283.619
10)	L2 AR-1221-3	4.709	3.961	20600361	15196772	382.208	342.151
11)	L3 AR-1232-1	4.709	3.961	20600361	15196772	457.974	408.315
12)	L3 AR-1232-2	5.240	4.690	29439915	37022139	1128.214	690.771 #
13)	L3 AR-1232-3	5.532	4.867	47951031	19734632	1042.428	1188.646
14)	L3 AR-1232-4	5.693	4.951	21200233	20613407	946.759	1228.798 #
15)	L3 AR-1232-5	5.785	5.123	16764957	20930685	942.061	1159.281
16)	L4 AR-1242-1	5.509	4.672	33787695	25386088	569.034	601.316
17)	L4 AR-1242-2	5.532	4.690	47951031	37022139	560.873	635.918
18)	L4 AR-1242-3	5.594	4.867	29249039	19734632	535.326	617.075
19)	L4 AR-1242-4	5.693	4.951	21200233	20613407	505.838	590.908
20)	L4 AR-1242-5	6.434	5.476	2742878	17802566	83.562	473.168 #
21)	L5 AR-1248-1	5.509	4.672	33787695	25386088	752.566	780.426
22)	L5 AR-1248-2	5.785	4.909	16764957	17028551	263.858	344.819 #
23)	L5 AR-1248-3	5.989	4.951	19710519	20613407	332.527	399.444
24)	L5 AR-1248-4	6.394	5.123	2769534	20930685	47.810	354.662 #
25)	L5 AR-1248-5	6.434	5.517	2742878	2728713	49.435	55.020
26)	L6 AR-1254-1	6.369	5.476	15613336	17802566	251.281	207.596
27)	L6 AR-1254-2	6.588	5.624	16553008	16887997	176.384	227.324 #
28)	L6 AR-1254-3	6.956	6.045	9713513	36596670	102.327	315.293 #
29)	L6 AR-1254-4	7.243	6.259	5162504	2922360	76.104	46.423 #
30)	L6 AR-1254-5	7.663	6.678	53919146	55918167	709.289	584.810
31)	L7 AR-1260-1	7.122	6.161	33683348	39964152	432.090	471.766
32)	L7 AR-1260-2	7.380	6.349	38230042	45964867	426.825	480.603
33)	L7 AR-1260-3	7.741	6.503	24086193	43472688	352.467	475.606 #
34)	L7 AR-1260-4	7.968	6.977	30363656	31730752	381.113	418.584
35)	L7 AR-1260-5	8.284	7.220	51411796	69548213	358.471	439.050
36)	L8 AR-1262-1	7.741	6.770	24086193	18128752	286.316	444.032 #
37)	L8 AR-1262-2	8.284	6.977	51411796	31730752	363.288	366.496
38)	L8 AR-1262-3	8.609	7.505	35084527	13522196	338.814	202.551 #
39)	L8 AR-1262-4	8.685	7.567	9013071	50626402	178.035	432.627 #
40)	L8 AR-1262-5	9.346	8.065	13980437	12889984	248.868	233.987
41)	L9 AR-1268-1	8.609	7.505	35084527	13522196	179.983	66.591 #

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 ALS Vial : 24 Sample Multiplier: 1

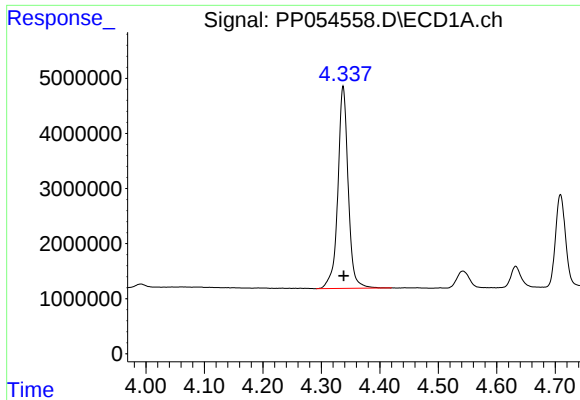
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 05:23:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.685	7.567	9013071	50626402	51.072	274.808 #
43) L9	AR-1268-3	8.918	7.777	1184188	1302348	7.634	7.619
44) L9	AR-1268-4	9.346	8.065	13980437	12889984	204.324	204.015
45) L9	AR-1268-5	9.764	8.355	5264892	5956433	10.328	12.171

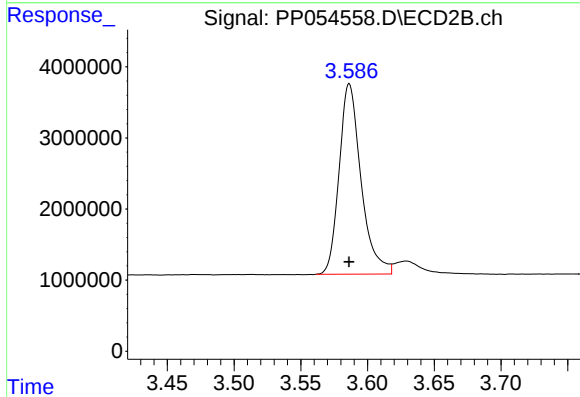
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

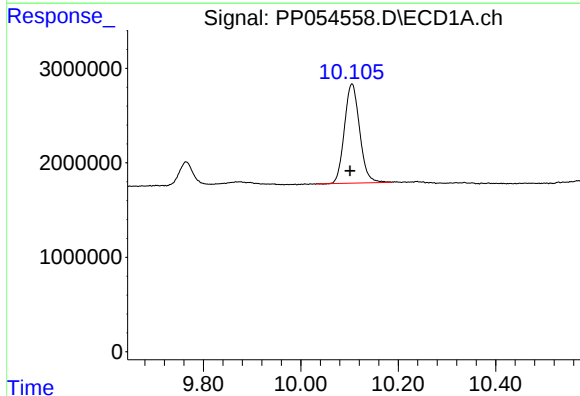
R.T.: 4.337 min
Delta R.T.: 0.000 min
Response: 45122820
Conc: 22.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



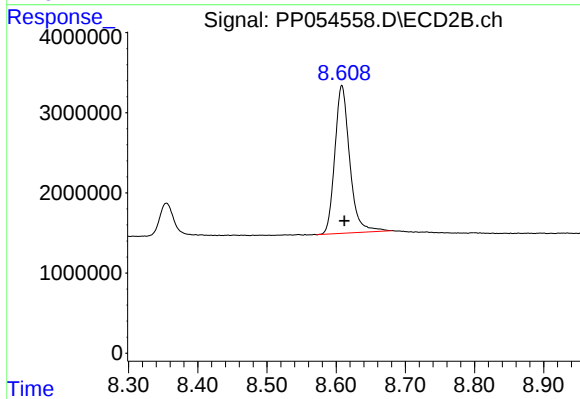
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.000 min
Response: 30590678
Conc: 18.97 ng/ml



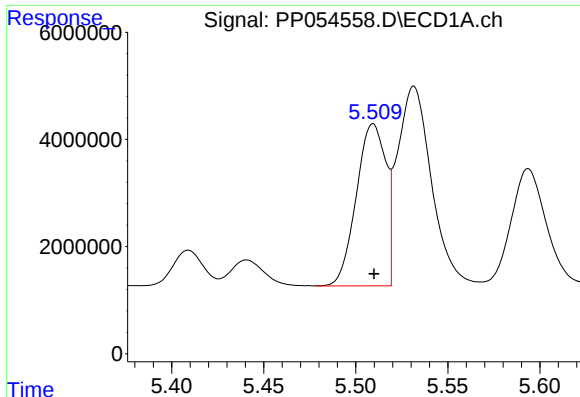
#2 Decachlorobiphenyl

R.T.: 10.105 min
Delta R.T.: 0.004 min
Response: 22755982
Conc: 15.84 ng/ml



#2 Decachlorobiphenyl

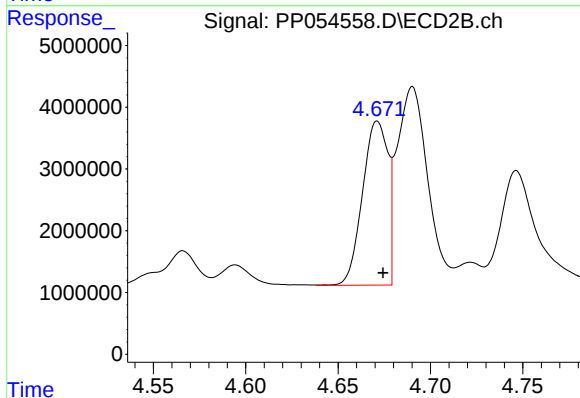
R.T.: 8.608 min
Delta R.T.: -0.003 min
Response: 27542739
Conc: 19.52 ng/ml



#3 AR-1016-1

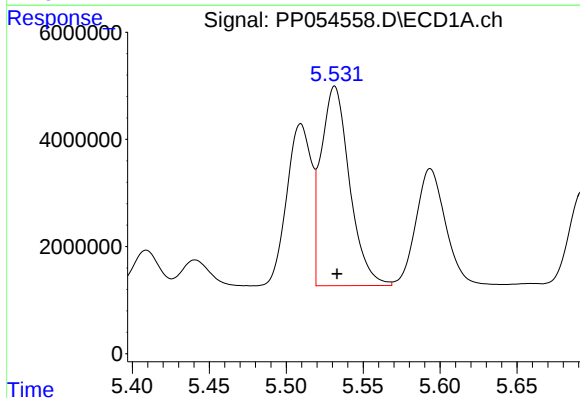
R.T.: 5.509 min
Delta R.T.: 0.000 min
Response: 33787695
Conc: 457.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



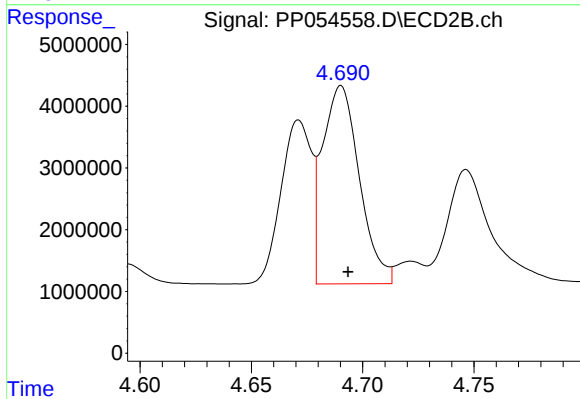
#3 AR-1016-1

R.T.: 4.672 min
Delta R.T.: -0.003 min
Response: 25386088
Conc: 487.89 ng/ml



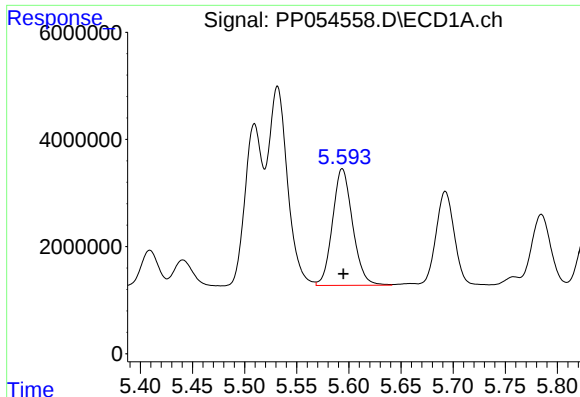
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 47951031
Conc: 449.32 ng/ml



#4 AR-1016-2

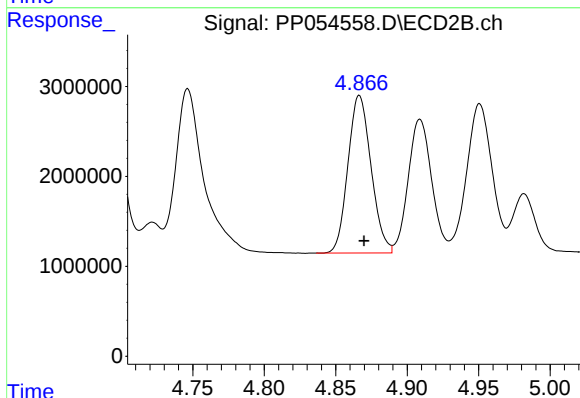
R.T.: 4.690 min
Delta R.T.: -0.003 min
Response: 37022139
Conc: 516.91 ng/ml



#5 AR-1016-3

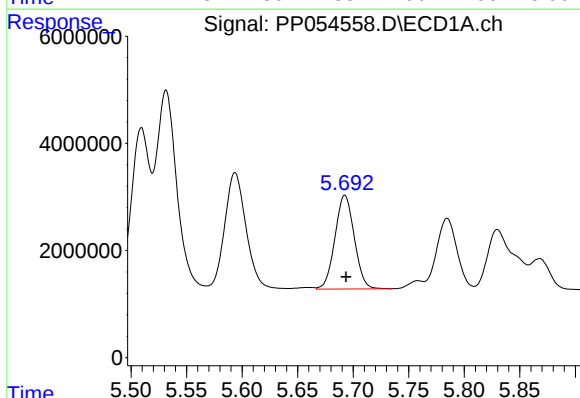
R.T.: 5.594 min
Delta R.T.: -0.001 min
Response: 29249039
Conc: 427.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



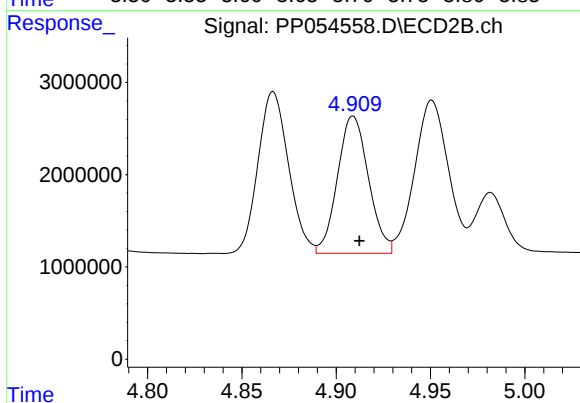
#5 AR-1016-3

R.T.: 4.867 min
Delta R.T.: -0.003 min
Response: 19734632
Conc: 503.08 ng/ml



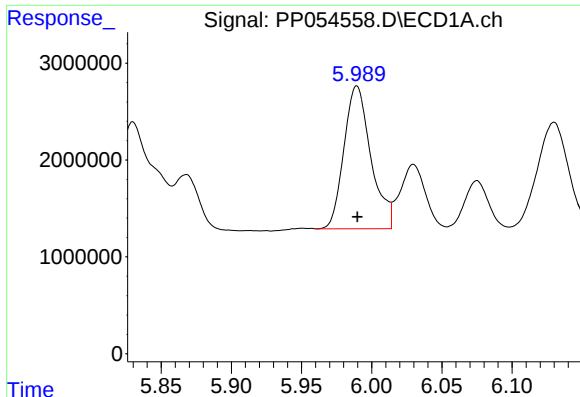
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 21200233
Conc: 407.19 ng/ml



#6 AR-1016-4

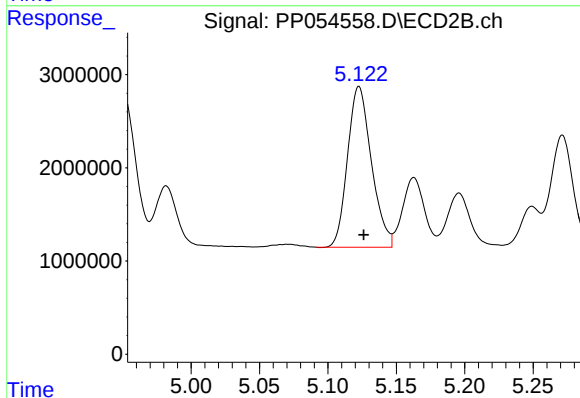
R.T.: 4.909 min
Delta R.T.: -0.003 min
Response: 17028551
Conc: 494.82 ng/ml



#7 AR-1016-5

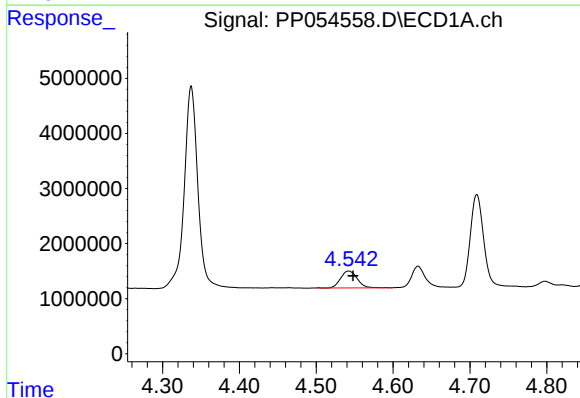
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 19710519
Conc: 435.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



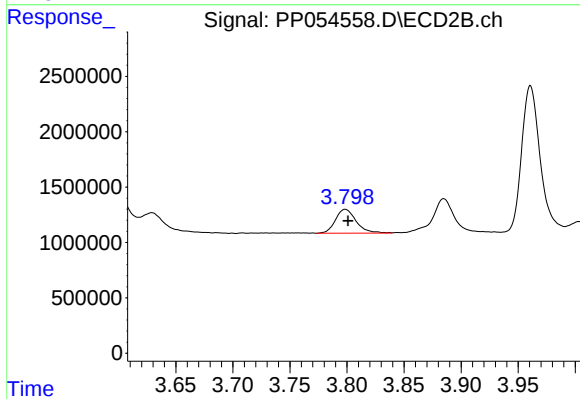
#7 AR-1016-5

R.T.: 5.123 min
Delta R.T.: -0.003 min
Response: 20930685
Conc: 476.05 ng/ml



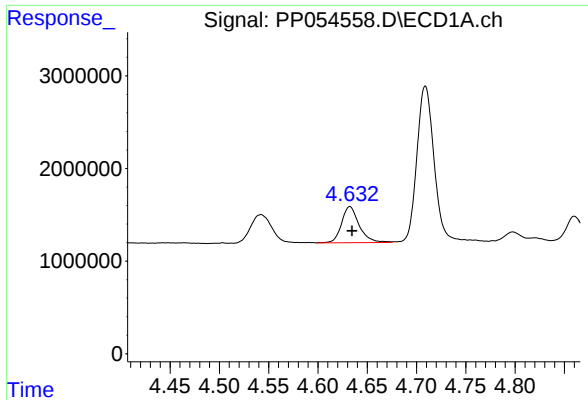
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 4546353
Conc: 189.08 ng/ml



#8 AR-1221-1

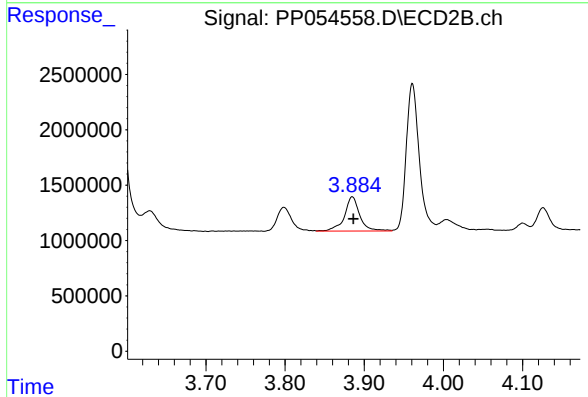
R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 2732961
Conc: 143.02 ng/ml



#9 AR-1221-2

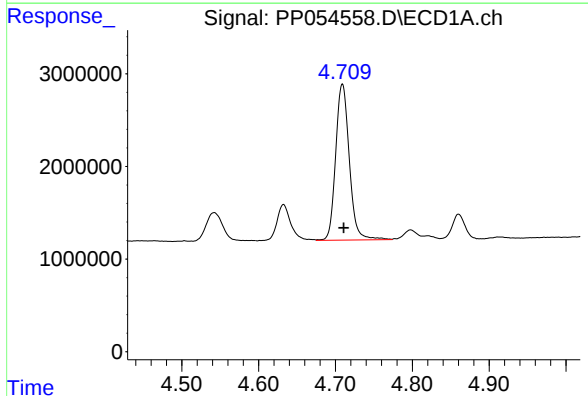
R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 4825887
Conc: 272.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



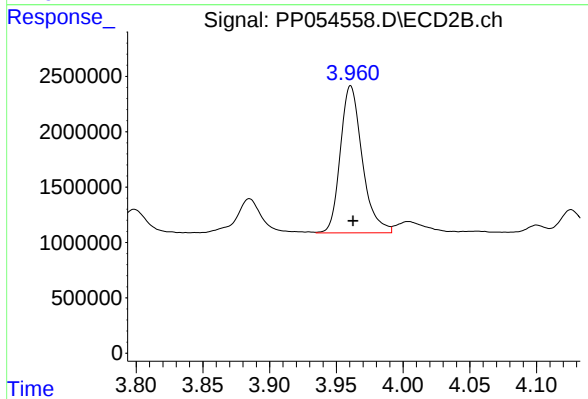
#9 AR-1221-2

R.T.: 3.885 min
Delta R.T.: -0.001 min
Response: 4181900
Conc: 283.62 ng/ml



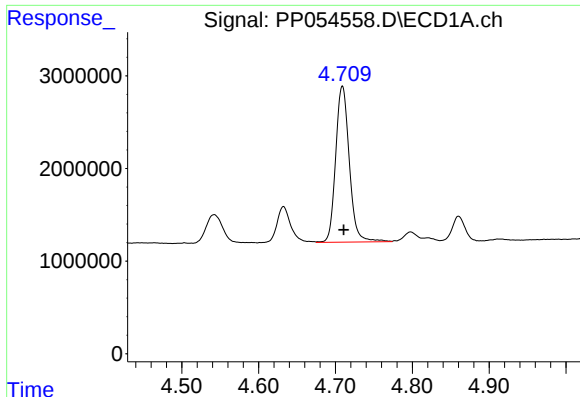
#10 AR-1221-3

R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 20600361
Conc: 382.21 ng/ml



#10 AR-1221-3

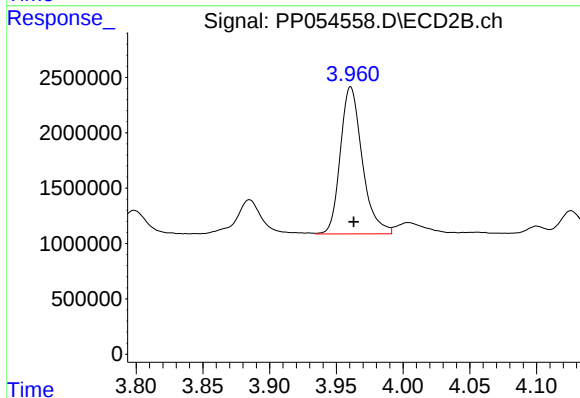
R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 15196772
Conc: 342.15 ng/ml



#11 AR-1232-1

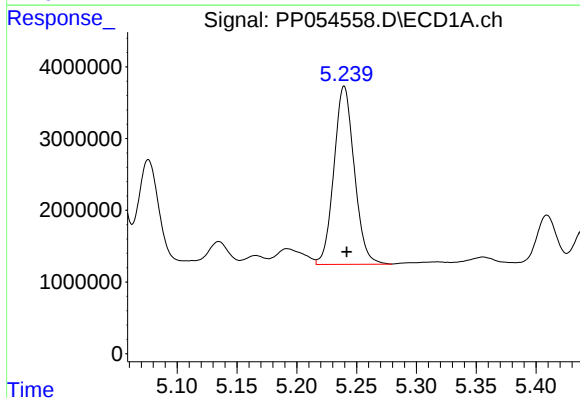
R.T.: 4.709 min
Delta R.T.: -0.002 min
Response: 20600361
Conc: 457.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



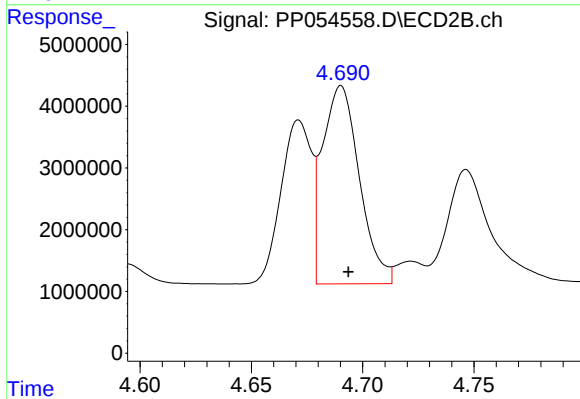
#11 AR-1232-1

R.T.: 3.961 min
Delta R.T.: -0.002 min
Response: 15196772
Conc: 408.31 ng/ml



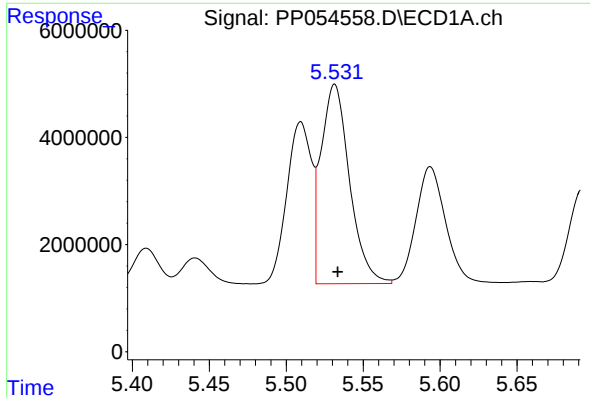
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.002 min
Response: 29439915
Conc: 1128.21 ng/ml



#12 AR-1232-2

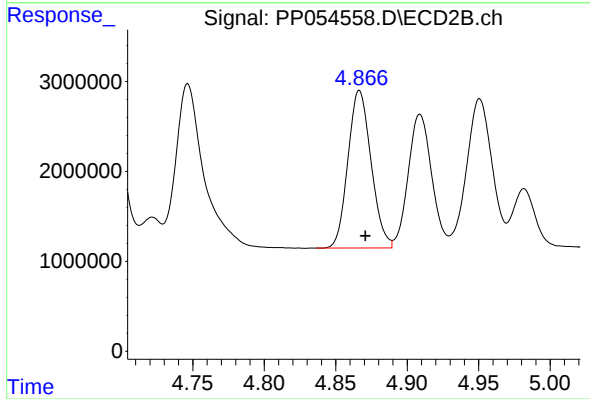
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 37022139
Conc: 690.77 ng/ml



#13 AR-1232-3

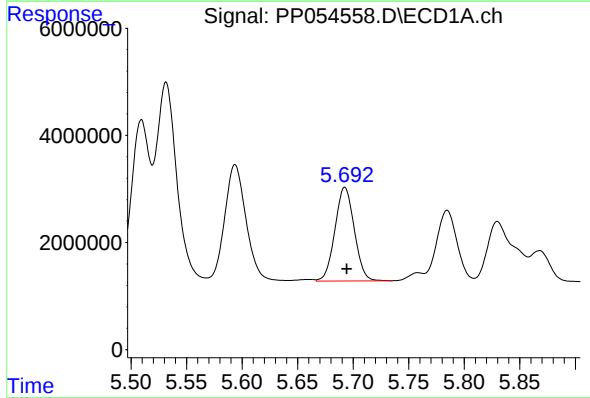
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 47951031
Conc: 1042.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



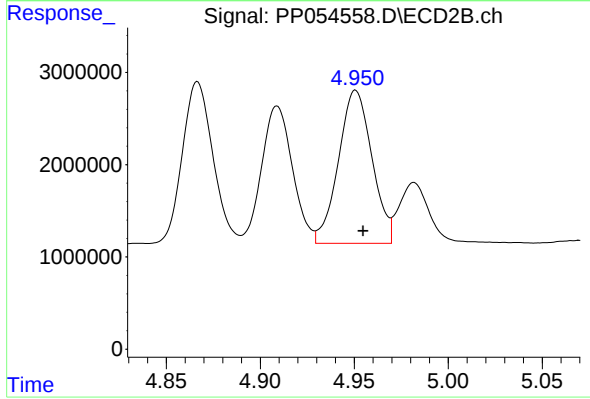
#13 AR-1232-3

R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 19734632
Conc: 1188.65 ng/ml



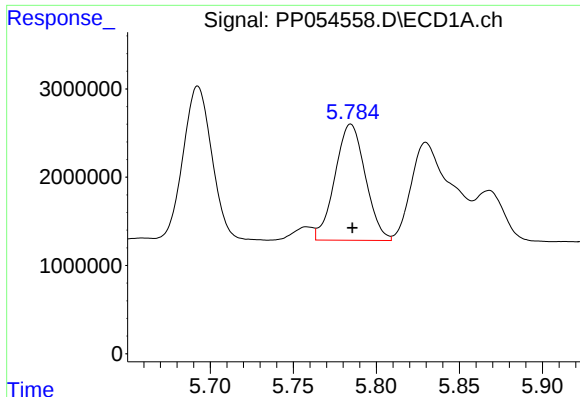
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 21200233
Conc: 946.76 ng/ml



#14 AR-1232-4

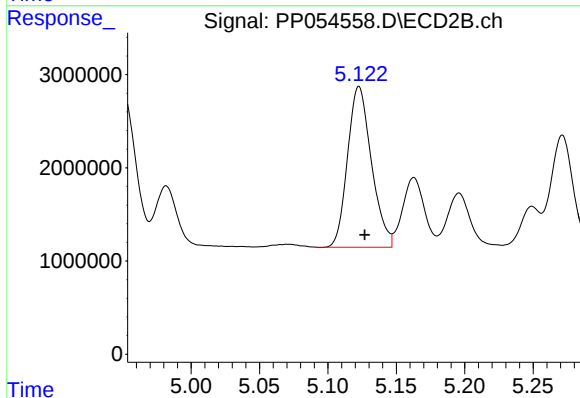
R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 20613407
Conc: 1228.80 ng/ml



#15 AR-1232-5

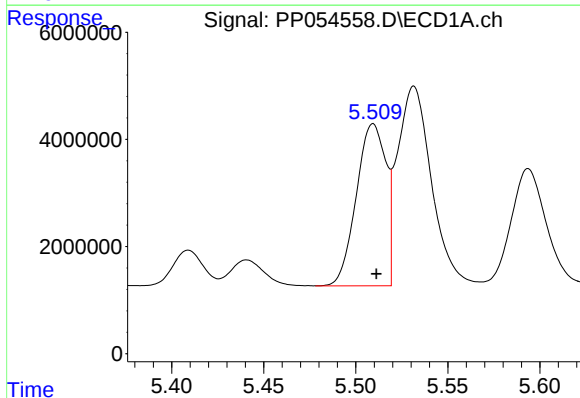
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 16764957
Conc: 942.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



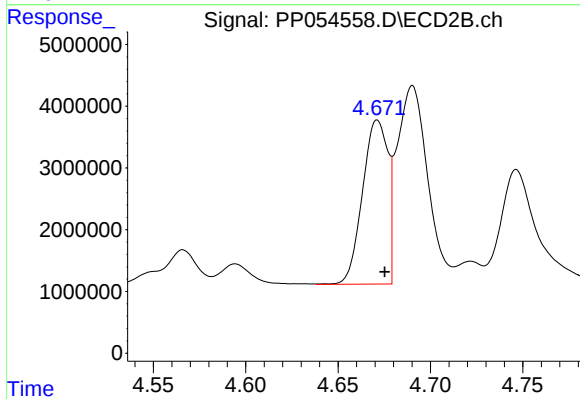
#15 AR-1232-5

R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 20930685
Conc: 1159.28 ng/ml



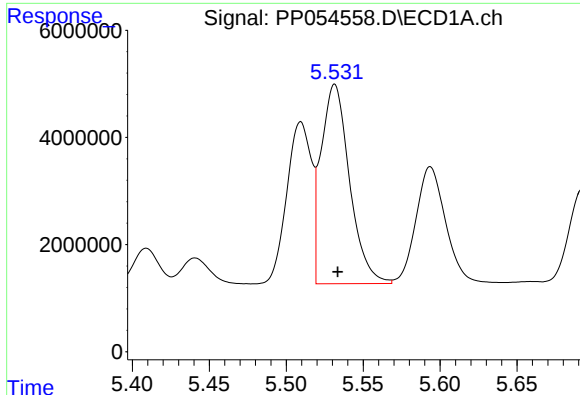
#16 AR-1242-1

R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 33787695
Conc: 569.03 ng/ml



#16 AR-1242-1

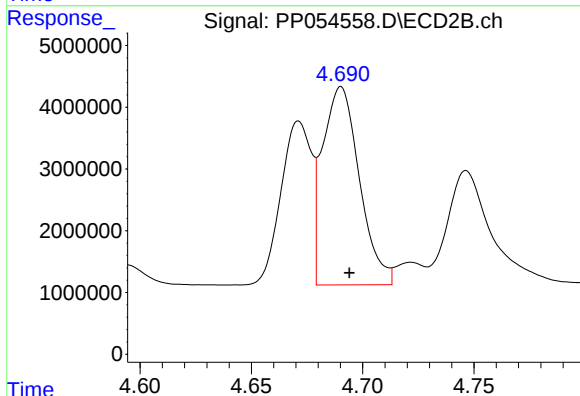
R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 25386088
Conc: 601.32 ng/ml



#17 AR-1242-2

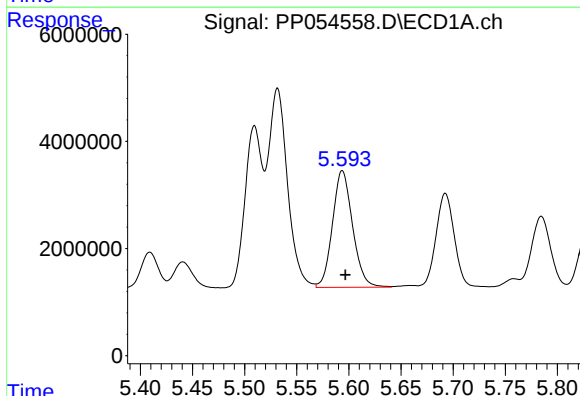
R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 47951031
Conc: 560.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



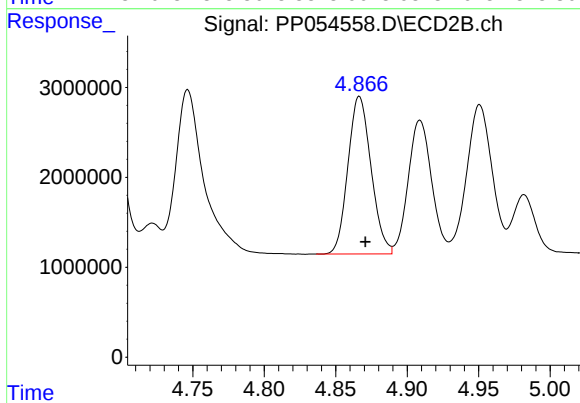
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 37022139
Conc: 635.92 ng/ml



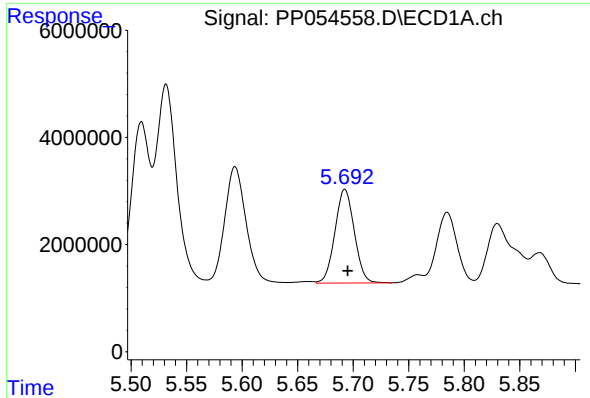
#18 AR-1242-3

R.T.: 5.594 min
Delta R.T.: -0.003 min
Response: 29249039
Conc: 535.33 ng/ml



#18 AR-1242-3

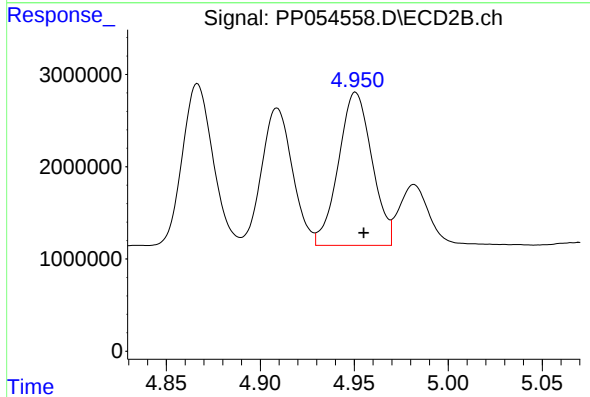
R.T.: 4.867 min
Delta R.T.: -0.004 min
Response: 19734632
Conc: 617.07 ng/ml



#19 AR-1242-4

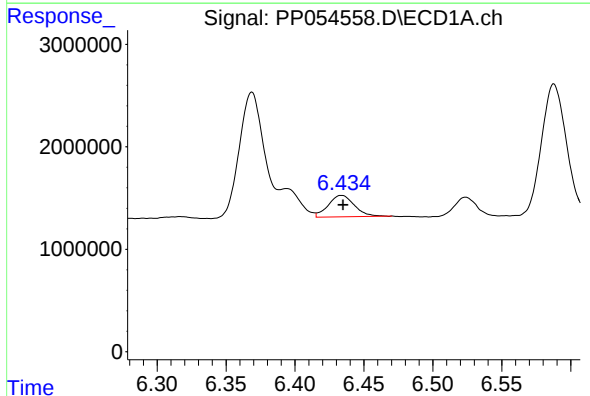
R.T.: 5.693 min
Delta R.T.: -0.003 min
Response: 21200233
Conc: 505.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



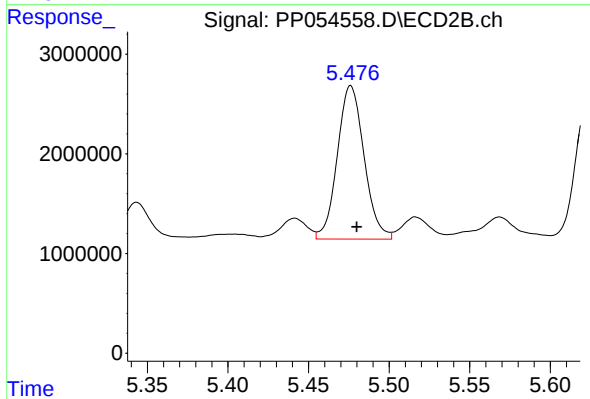
#19 AR-1242-4

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 20613407
Conc: 590.91 ng/ml



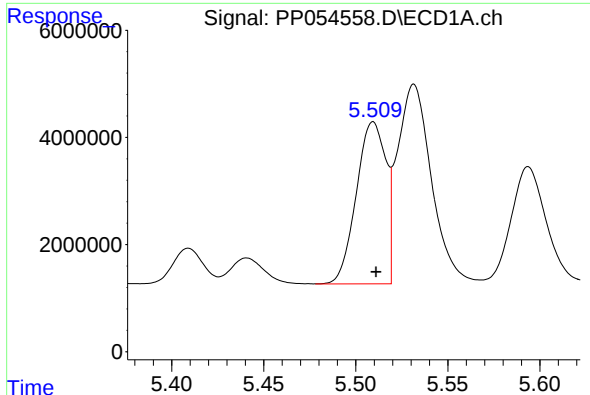
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: -0.001 min
Response: 2742878
Conc: 83.56 ng/ml



#20 AR-1242-5

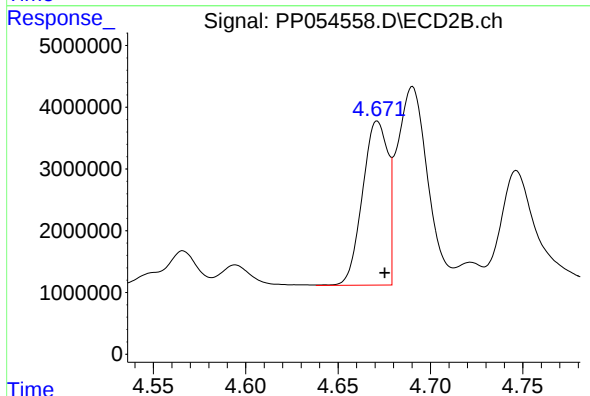
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 17802566
Conc: 473.17 ng/ml



#21 AR-1248-1

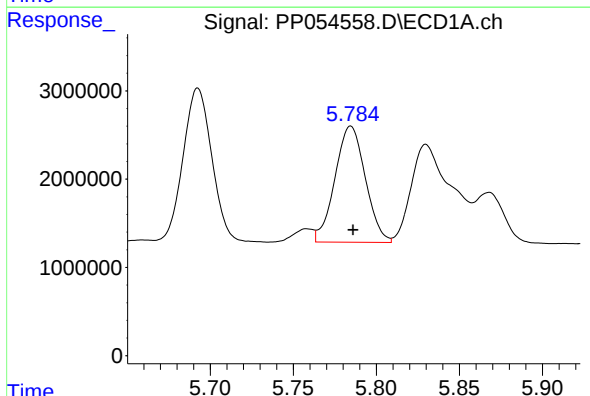
R.T.: 5.509 min
Delta R.T.: -0.002 min
Response: 33787695
Conc: 752.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



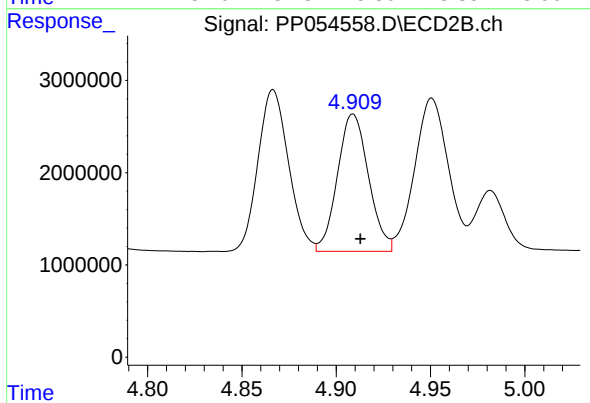
#21 AR-1248-1

R.T.: 4.672 min
Delta R.T.: -0.004 min
Response: 25386088
Conc: 780.43 ng/ml



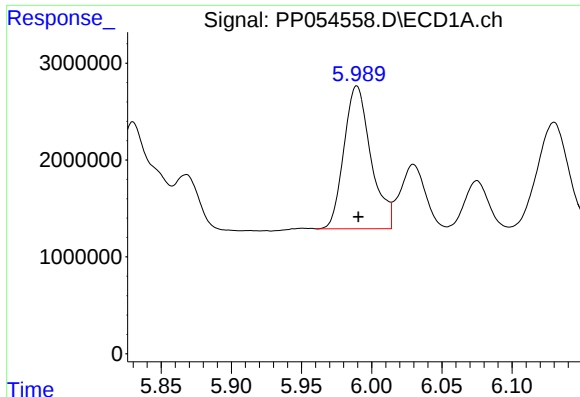
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 16764957
Conc: 263.86 ng/ml



#22 AR-1248-2

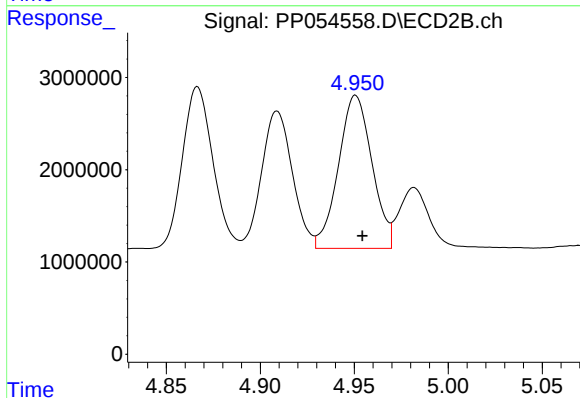
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 17028551
Conc: 344.82 ng/ml



#23 AR-1248-3

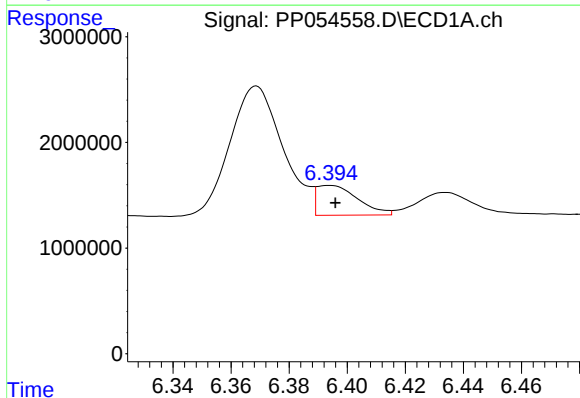
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 19710519
Conc: 332.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



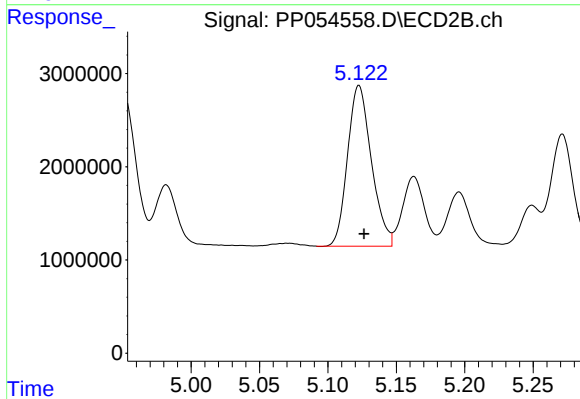
#23 AR-1248-3

R.T.: 4.951 min
Delta R.T.: -0.004 min
Response: 20613407
Conc: 399.44 ng/ml



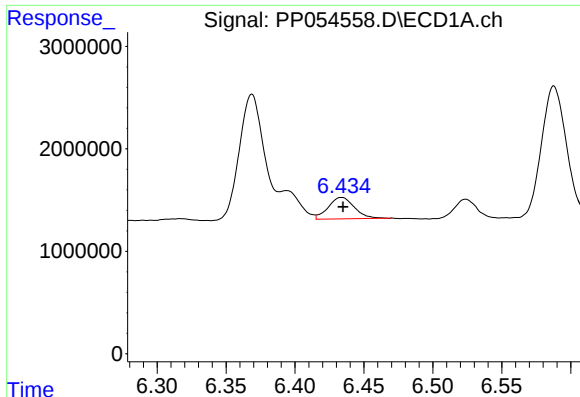
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 2769534
Conc: 47.81 ng/ml



#24 AR-1248-4

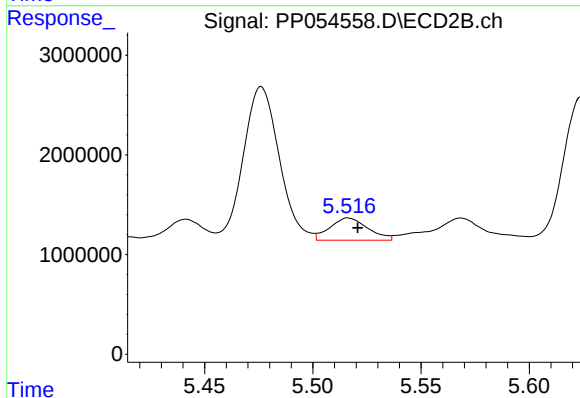
R.T.: 5.123 min
Delta R.T.: -0.004 min
Response: 20930685
Conc: 354.66 ng/ml



#25 AR-1248-5

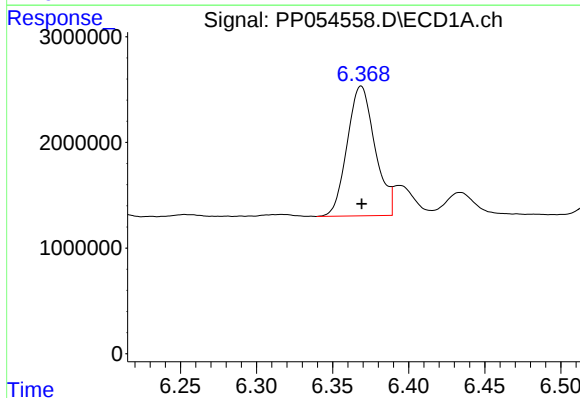
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 2742878
Conc: 49.43 ng/ml

Instrument :
ECD_P
ClientSampleId :



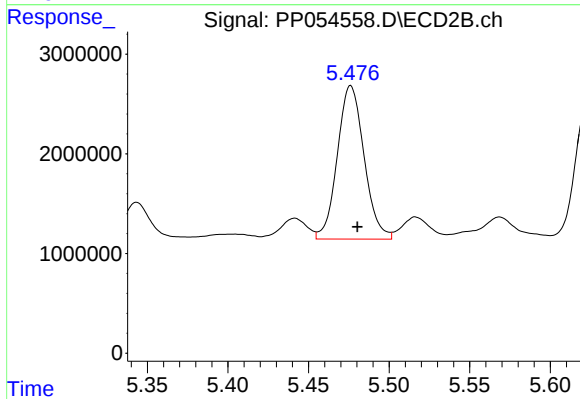
#25 AR-1248-5

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 2728713
Conc: 55.02 ng/ml



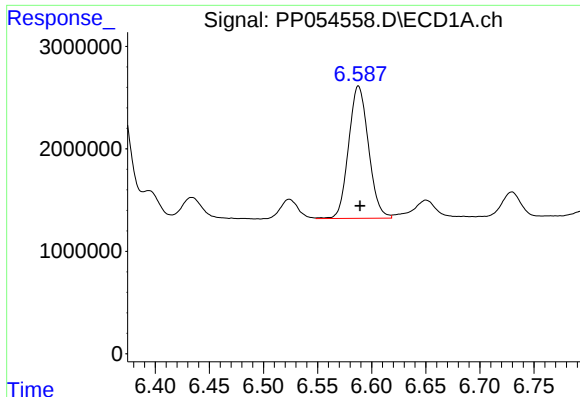
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 15613336
Conc: 251.28 ng/ml



#26 AR-1254-1

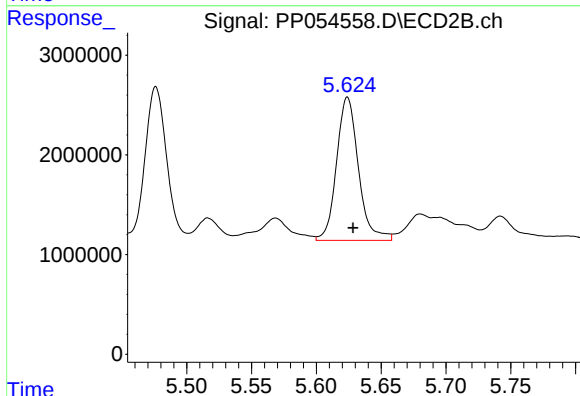
R.T.: 5.476 min
Delta R.T.: -0.004 min
Response: 17802566
Conc: 207.60 ng/ml



#27 AR-1254-2

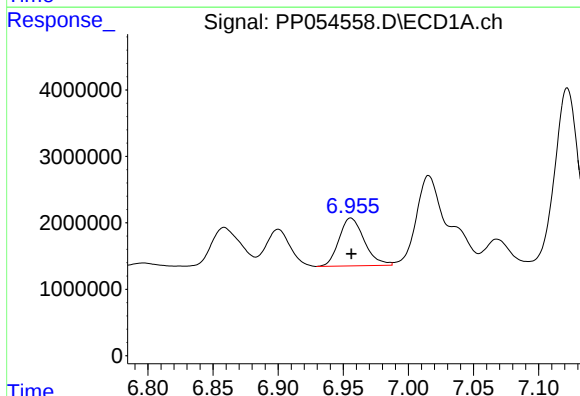
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 16553008
Conc: 176.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



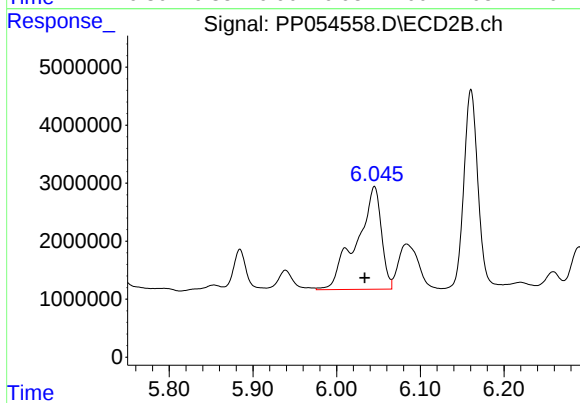
#27 AR-1254-2

R.T.: 5.624 min
Delta R.T.: -0.004 min
Response: 16887997
Conc: 227.32 ng/ml



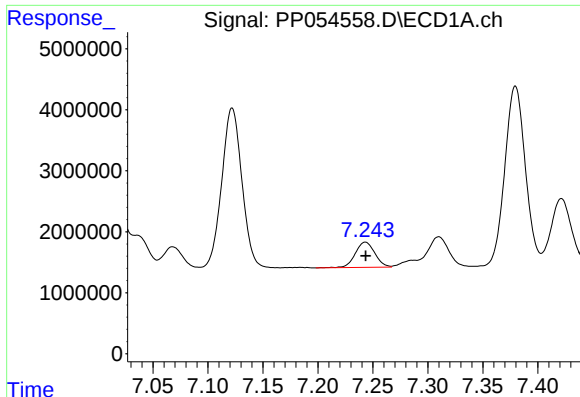
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 9713513
Conc: 102.33 ng/ml



#28 AR-1254-3

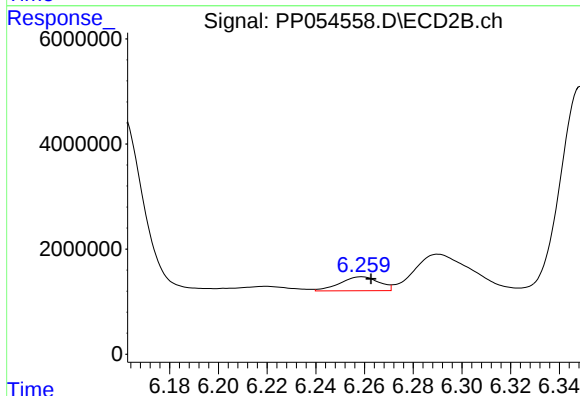
R.T.: 6.045 min
Delta R.T.: 0.011 min
Response: 36596670
Conc: 315.29 ng/ml



#29 AR-1254-4

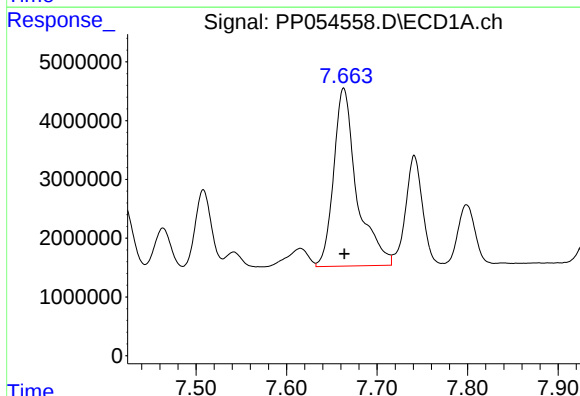
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 5162504
Conc: 76.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



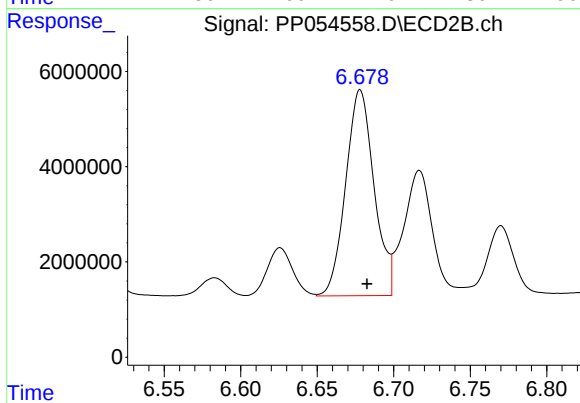
#29 AR-1254-4

R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 2922360
Conc: 46.42 ng/ml



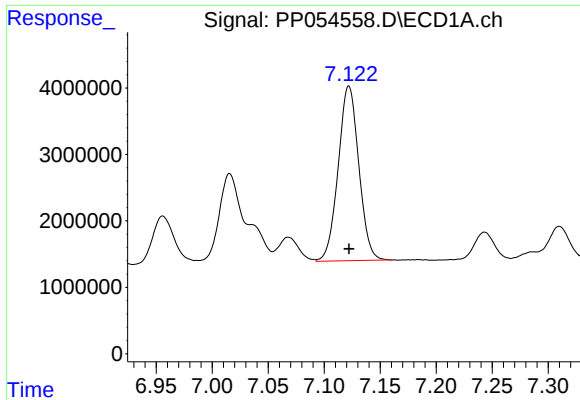
#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 53919146
Conc: 709.29 ng/ml



#30 AR-1254-5

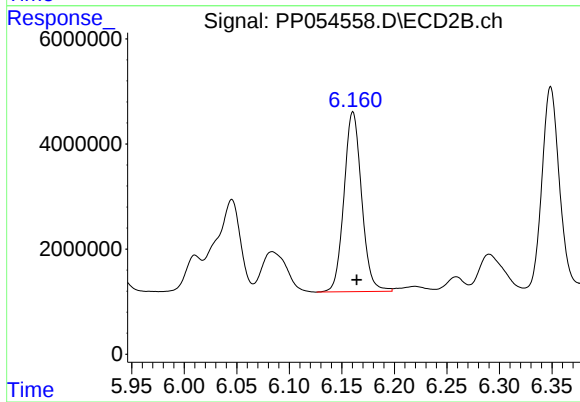
R.T.: 6.678 min
Delta R.T.: -0.004 min
Response: 55918167
Conc: 584.81 ng/ml



#31 AR-1260-1

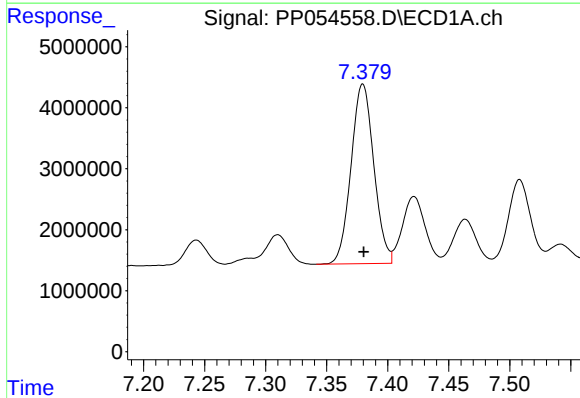
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 33683348
Conc: 432.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



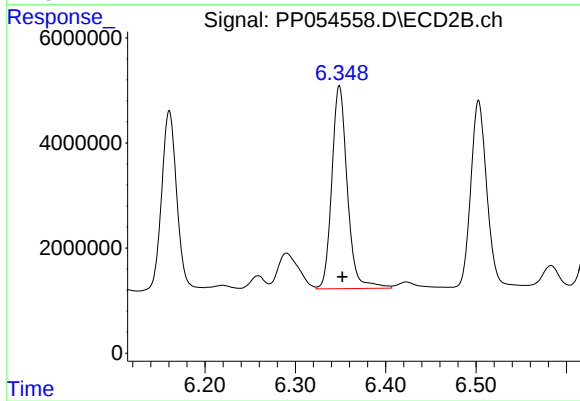
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: -0.004 min
Response: 39964152
Conc: 471.77 ng/ml



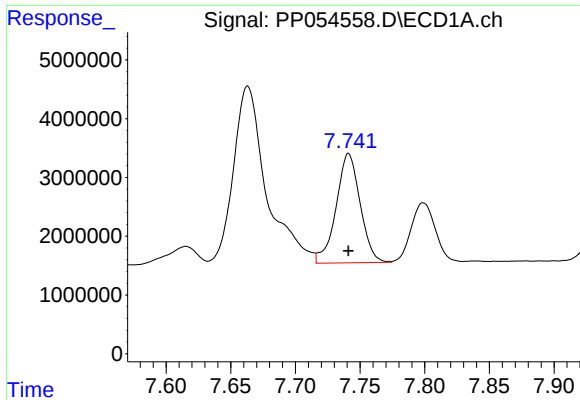
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 38230042
Conc: 426.83 ng/ml



#32 AR-1260-2

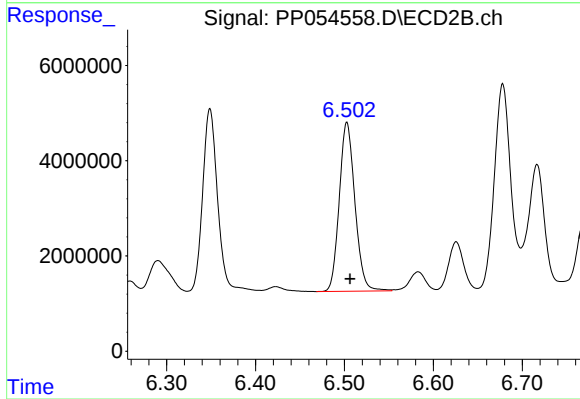
R.T.: 6.349 min
Delta R.T.: -0.003 min
Response: 45964867
Conc: 480.60 ng/ml



#33 AR-1260-3

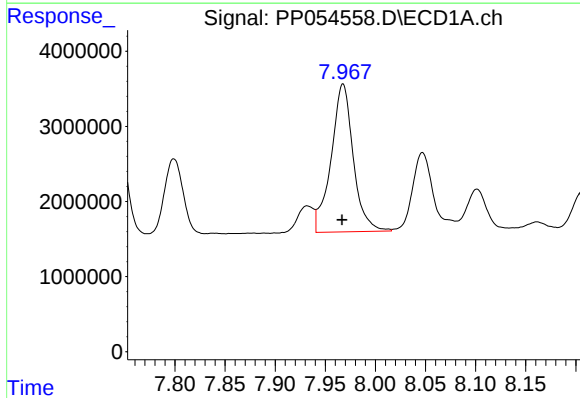
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 24086193
Conc: 352.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



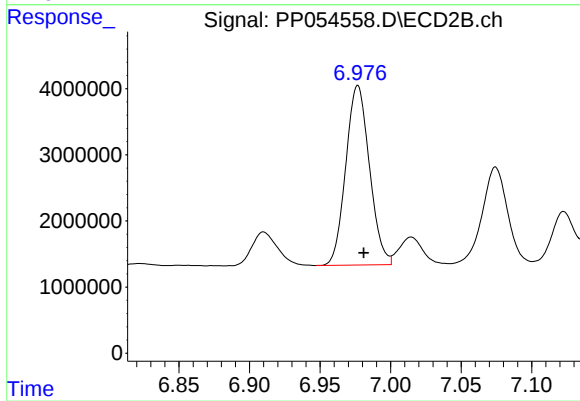
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 43472688
Conc: 475.61 ng/ml



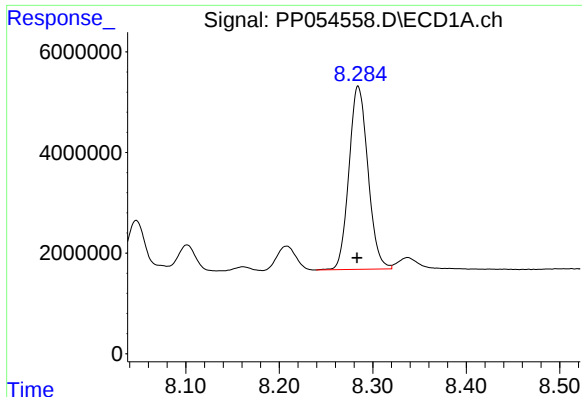
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.001 min
Response: 30363656
Conc: 381.11 ng/ml



#34 AR-1260-4

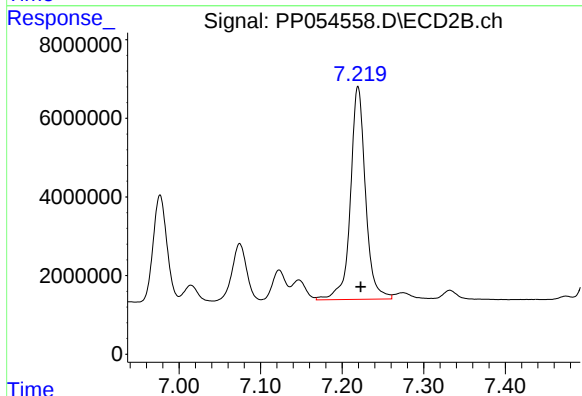
R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 31730752
Conc: 418.58 ng/ml



#35 AR-1260-5

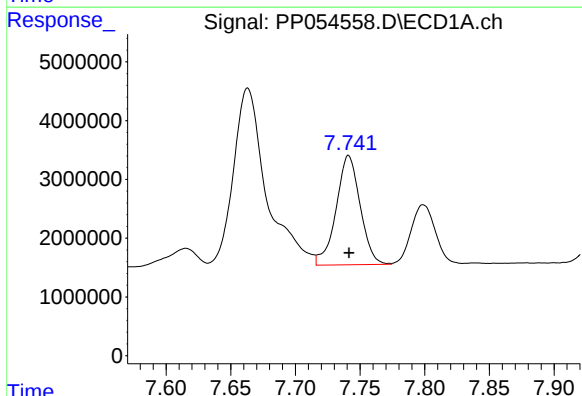
R.T.: 8.284 min
Delta R.T.: 0.001 min
Response: 51411796
Conc: 358.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



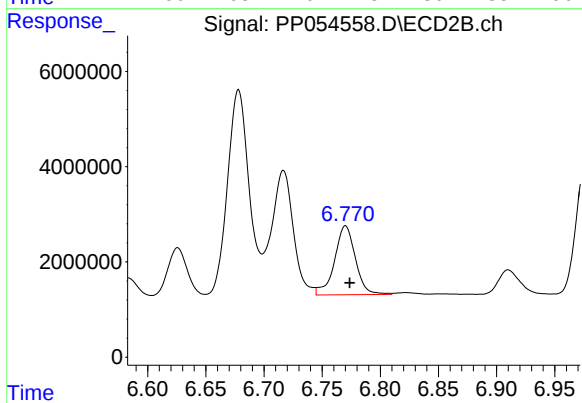
#35 AR-1260-5

R.T.: 7.220 min
Delta R.T.: -0.003 min
Response: 69548213
Conc: 439.05 ng/ml



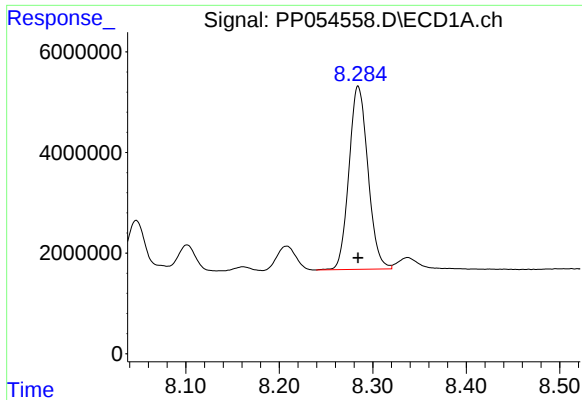
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 24086193
Conc: 286.32 ng/ml



#36 AR-1262-1

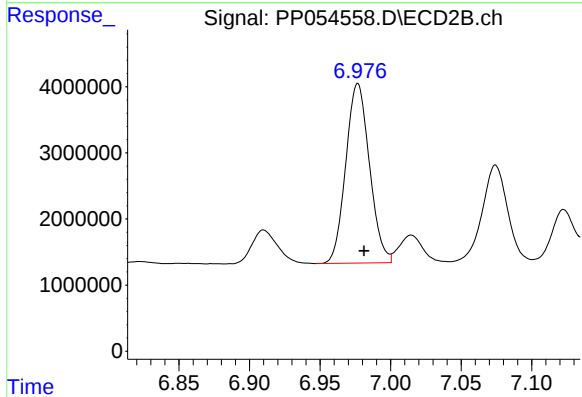
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 18128752
Conc: 444.03 ng/ml



#37 AR-1262-2

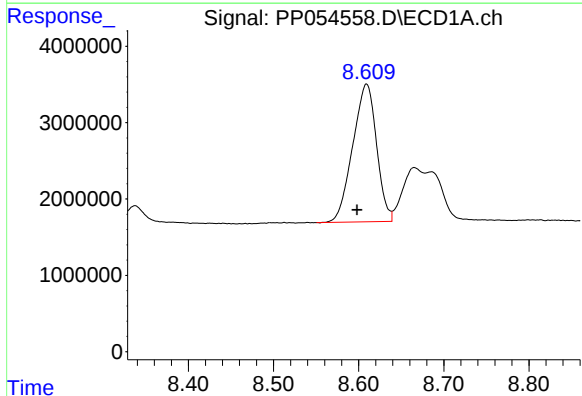
R.T.: 8.284 min
Delta R.T.: 0.000 min
Response: 51411796
Conc: 363.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



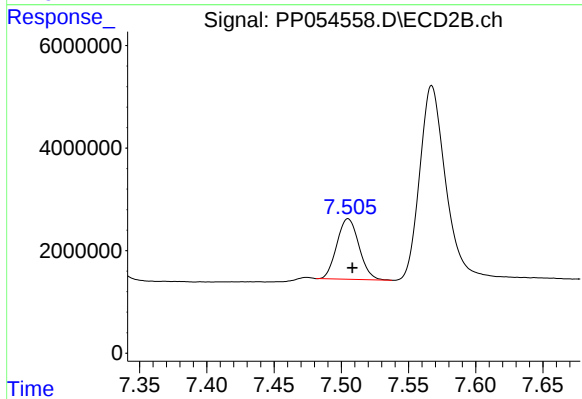
#37 AR-1262-2

R.T.: 6.977 min
Delta R.T.: -0.004 min
Response: 31730752
Conc: 366.50 ng/ml



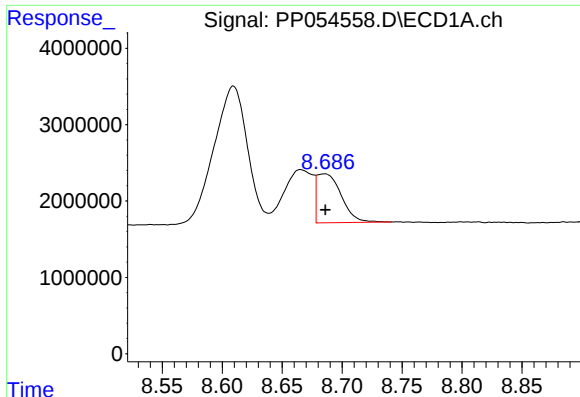
#38 AR-1262-3

R.T.: 8.609 min
Delta R.T.: 0.011 min
Response: 35084527
Conc: 338.81 ng/ml



#38 AR-1262-3

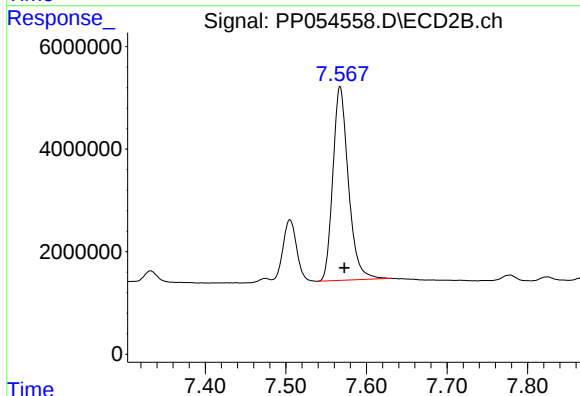
R.T.: 7.505 min
Delta R.T.: -0.003 min
Response: 13522196
Conc: 202.55 ng/ml



#39 AR-1262-4

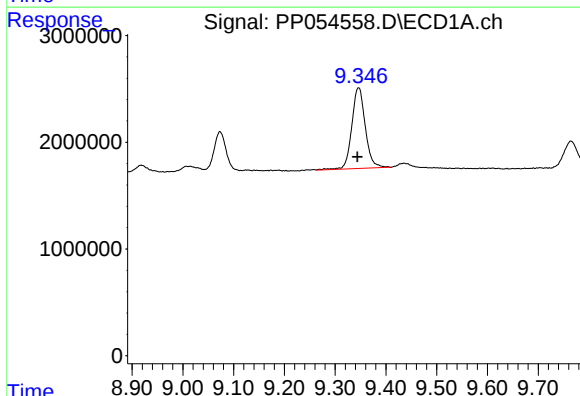
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 9013071
Conc: 178.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



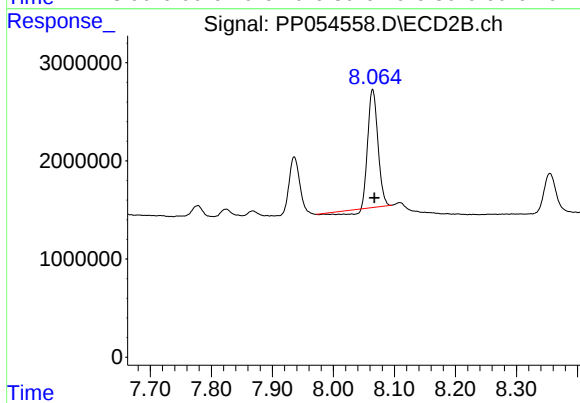
#39 AR-1262-4

R.T.: 7.567 min
Delta R.T.: -0.005 min
Response: 50626402
Conc: 432.63 ng/ml



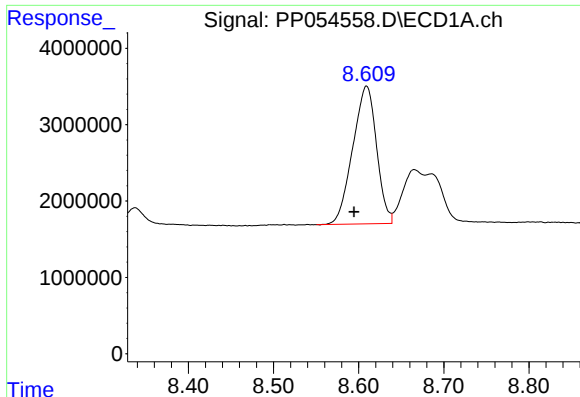
#40 AR-1262-5

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 13980437
Conc: 248.87 ng/ml



#40 AR-1262-5

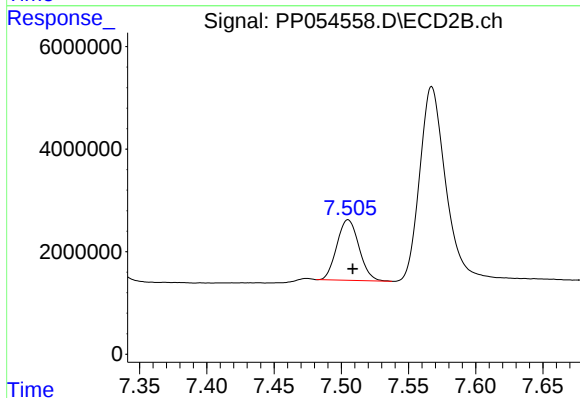
R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 12889984
Conc: 233.99 ng/ml



#41 AR-1268-1

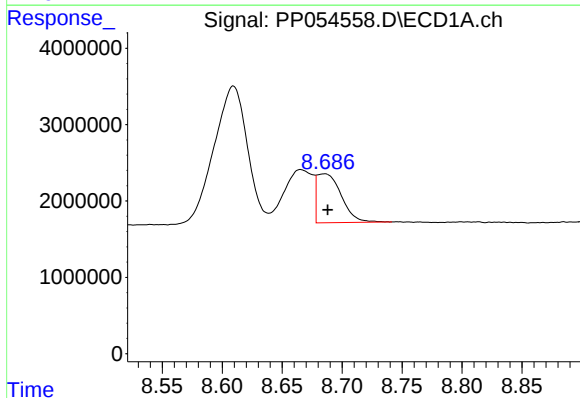
R.T.: 8.609 min
Delta R.T.: 0.015 min
Response: 35084527
Conc: 179.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



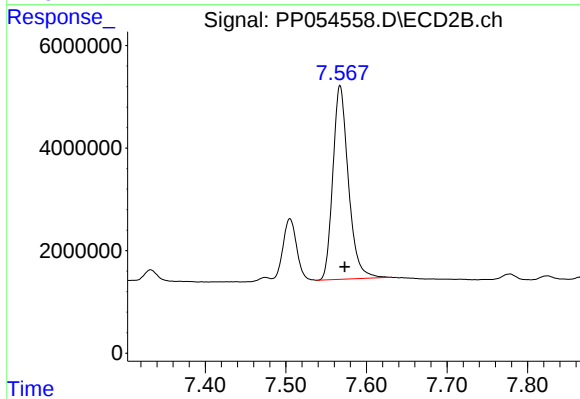
#41 AR-1268-1

R.T.: 7.505 min
Delta R.T.: -0.004 min
Response: 13522196
Conc: 66.59 ng/ml



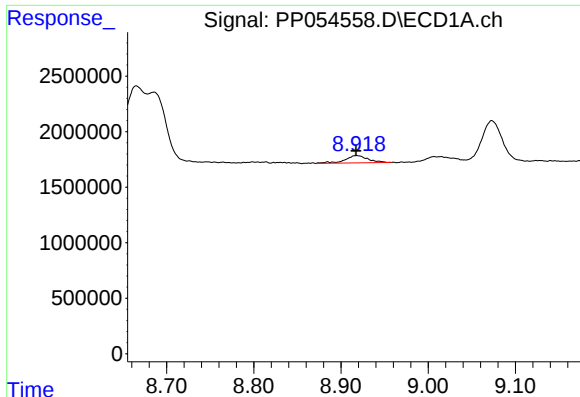
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: -0.003 min
Response: 9013071
Conc: 51.07 ng/ml



#42 AR-1268-2

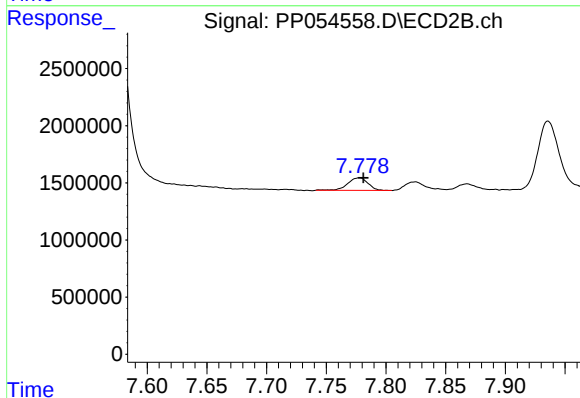
R.T.: 7.567 min
Delta R.T.: -0.006 min
Response: 50626402
Conc: 274.81 ng/ml



#43 AR-1268-3

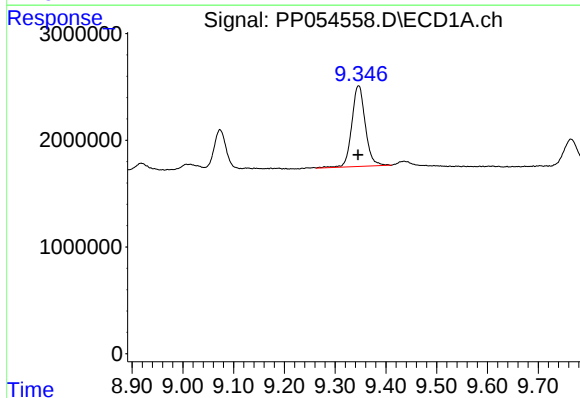
R.T.: 8.918 min
Delta R.T.: 0.000 min
Response: 1184188
Conc: 7.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



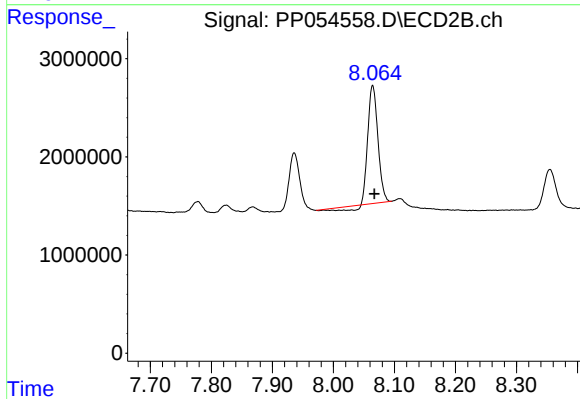
#43 AR-1268-3

R.T.: 7.777 min
Delta R.T.: -0.004 min
Response: 1302348
Conc: 7.62 ng/ml



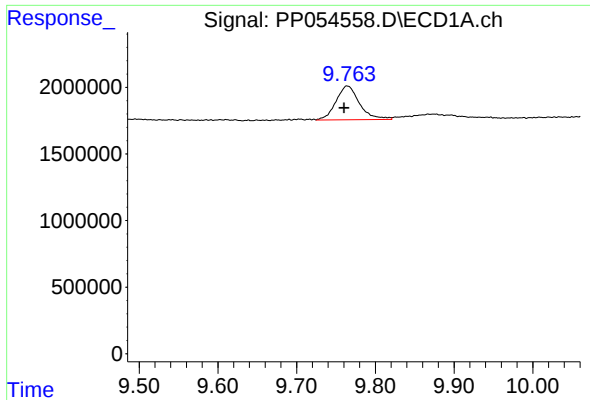
#44 AR-1268-4

R.T.: 9.346 min
Delta R.T.: 0.001 min
Response: 13980437
Conc: 204.32 ng/ml



#44 AR-1268-4

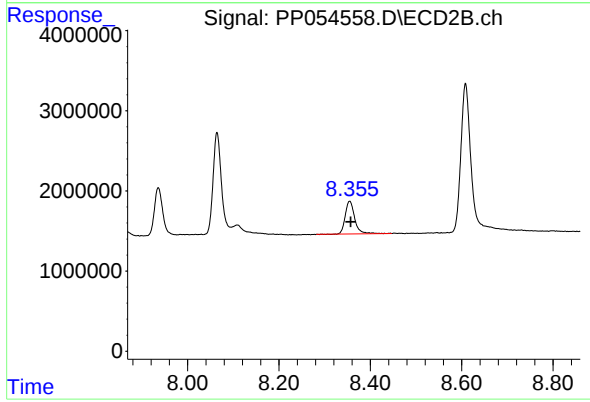
R.T.: 8.065 min
Delta R.T.: -0.003 min
Response: 12889984
Conc: 204.02 ng/ml



#45 AR-1268-5

R.T.: 9.764 min
Delta R.T.: 0.004 min
Response: 5264892
Conc: 10.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 5956433
Conc: 12.17 ng/ml