

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011323\
 Data File : PP054534.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jan 2023 09:01
 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: Jan 14 03:52:34 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...	4.338	3.586	116.8E6	83898445	57.654	52.014
2)	SA Decachlor...	10.106	8.608	65340237	78630701	45.495	55.740
Target Compounds							
3)	L1 AR-1016-1	5.510	4.671	35141157	26696995	475.544	513.084
4)	L1 AR-1016-2	5.532	4.690	49596962	38327849	464.745	535.136
5)	L1 AR-1016-3	5.595	4.866	30482542	20354305	445.565	518.873
6)	L1 AR-1016-4	5.693	4.909	21877284	16613856	420.196	482.766
7)	L1 AR-1016-5	5.989	5.122	21110889	22852112	466.264	519.752
8)	L2 AR-1221-1	4.542	3.798	3904540	2971955	162.390	155.532
9)	L2 AR-1221-2	4.633	3.885	6108277	4366906	344.770	296.166
10)	L2 AR-1221-3	4.709	3.960	21941003	16095025	407.082	362.375
11)	L3 AR-1232-1	4.709	3.960	21941003	16095025	487.778	432.449
12)	L3 AR-1232-2	5.240	4.690	31169138	38327849	1194.482	715.133 #
13)	L3 AR-1232-3	5.532	4.866	49596962	20354305	1078.210	1225.970
14)	L3 AR-1232-4	5.693	4.950	21877284	20996489	976.994	1251.634 #
15)	L3 AR-1232-5	5.785	5.122	17251234	22852112	969.386	1265.702 #
16)	L4 AR-1242-1	5.510	4.671	35141157	26696995	591.828	632.368
17)	L4 AR-1242-2	5.532	4.690	49596962	38327849	580.125	658.346
18)	L4 AR-1242-3	5.595	4.866	30482542	20354305	557.902	636.451
19)	L4 AR-1242-4	5.693	4.950	21877284	20996489	521.993	601.889
20)	L4 AR-1242-5	6.434	5.475	5608251	22030970	170.856	585.553 #
21)	L5 AR-1248-1	5.510	4.671	35141157	26696995	782.712	820.726
22)	L5 AR-1248-2	5.785	4.909	17251234	16613856	271.511	336.422
23)	L5 AR-1248-3	5.989	4.950	21110889	20996489	356.152	406.867
24)	L5 AR-1248-4	6.394	5.122	6961260	22852112	120.171	387.220 #
25)	L5 AR-1248-5	6.434	5.517	5608251	5521584	101.077	111.334
26)	L6 AR-1254-1	6.369	5.475	17517094	22030970	281.920	256.904
27)	L6 AR-1254-2	6.588	5.624	15533848	16635289	165.524	223.922 #
28)	L6 AR-1254-3	6.956	6.045	7392709	29176652	77.879	251.367 #
29)	L6 AR-1254-4	7.243	6.258	5393752	2052295	79.513	32.602 #
30)	L6 AR-1254-5	7.663	6.677	45655467	51429557	600.583	537.867
31)	L7 AR-1260-1	7.122	6.160	36274520	43241507	465.330	510.454
32)	L7 AR-1260-2	7.380	6.348	41422458	50274147	462.468	525.660
33)	L7 AR-1260-3	7.741	6.503	30618072	47552685	448.051	520.243
34)	L7 AR-1260-4	7.968	6.976	34978157	39506674	439.032	521.162
35)	L7 AR-1260-5	8.285	7.220	65925062	83772499	459.666	528.847
36)	L8 AR-1262-1	7.741	6.770	30618072	21724788	363.961	532.110 #
37)	L8 AR-1262-2	8.285	6.976	65925062	39506674	465.842	456.309
38)	L8 AR-1262-3	8.608	7.504	42253173	19131789	408.042	286.578 #
39)	L8 AR-1262-4	8.685	7.568	10552301	61159740	208.439	522.640 #
40)	L8 AR-1262-5	9.346	8.064	18444672	20127035	328.336	365.359
41)	L9 AR-1268-1	8.608	7.504	42253173	19131789	216.758	94.215 #

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 Acq On : 13 Jan 2023 09:01
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

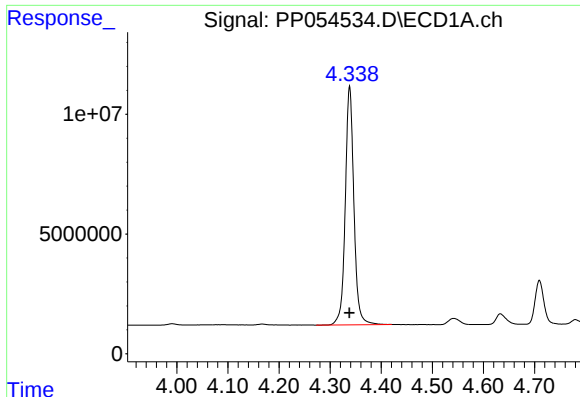
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 14 03:52:34 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
42) L9	AR-1268-2	8.685	7.568	10552301	61159740	59.795	331.985 #
43) L9	AR-1268-3	8.920	7.776	981129	1128178	6.325	6.600
44) L9	AR-1268-4	9.346	8.064	18444672	20127035	269.569	318.559
45) L9	AR-1268-5	9.766	8.354	6099112	7279185	11.964	14.874

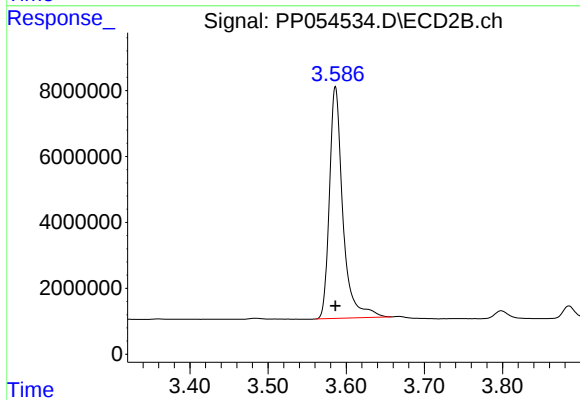
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

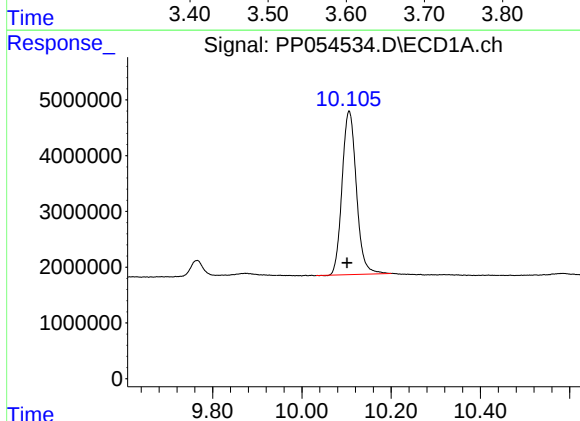
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 116754007
Conc: 57.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



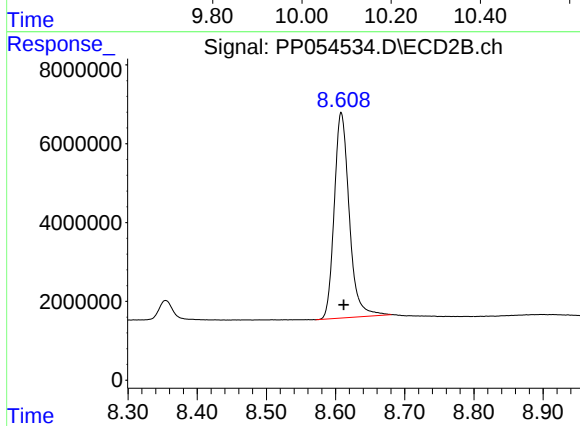
#1 Tetrachloro-m-xylene

R.T.: 3.586 min
Delta R.T.: 0.000 min
Response: 83898445
Conc: 52.01 ng/ml



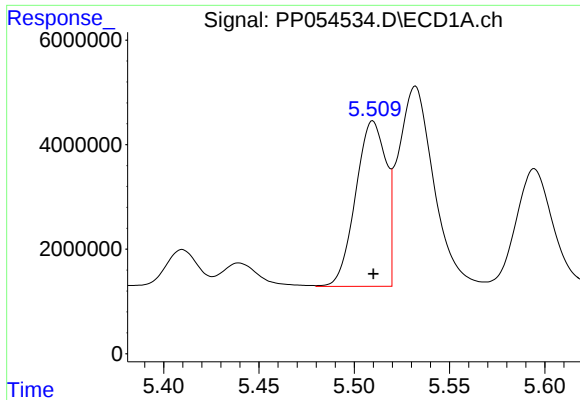
#2 Decachlorobiphenyl

R.T.: 10.106 min
Delta R.T.: 0.005 min
Response: 65340237
Conc: 45.50 ng/ml



#2 Decachlorobiphenyl

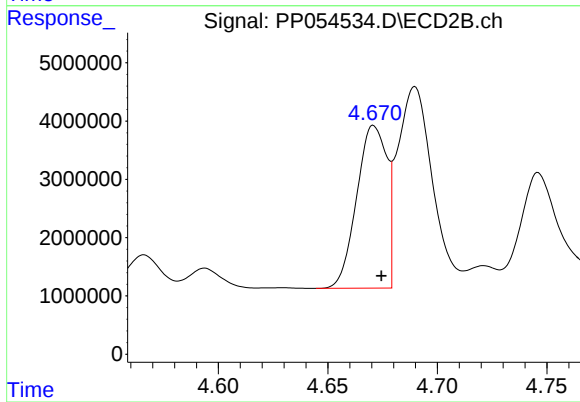
R.T.: 8.608 min
Delta R.T.: -0.004 min
Response: 78630701
Conc: 55.74 ng/ml



#3 AR-1016-1

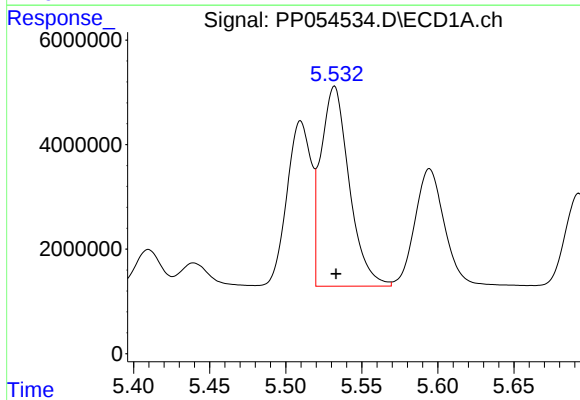
R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 35141157
Conc: 475.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



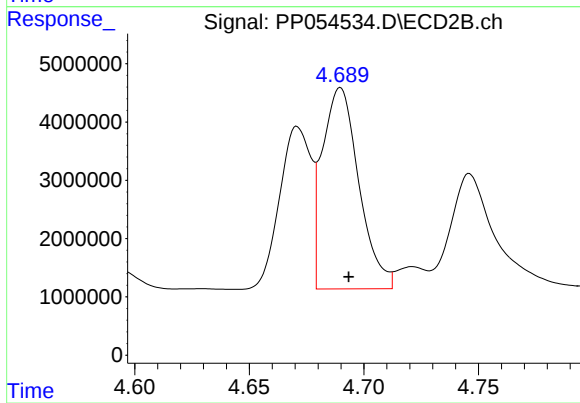
#3 AR-1016-1

R.T.: 4.671 min
Delta R.T.: -0.003 min
Response: 26696995
Conc: 513.08 ng/ml



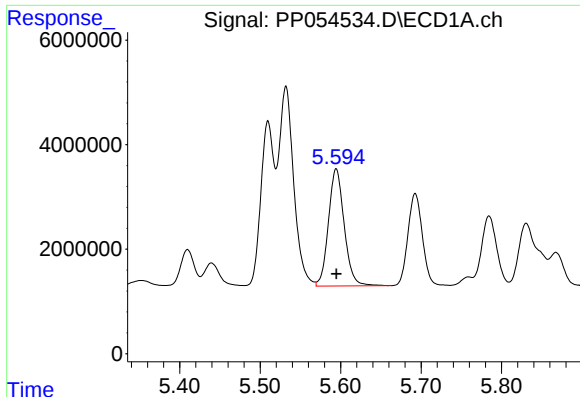
#4 AR-1016-2

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 49596962
Conc: 464.74 ng/ml



#4 AR-1016-2

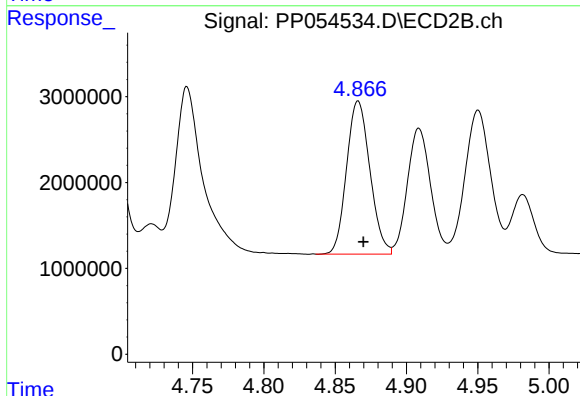
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 38327849
Conc: 535.14 ng/ml



#5 AR-1016-3

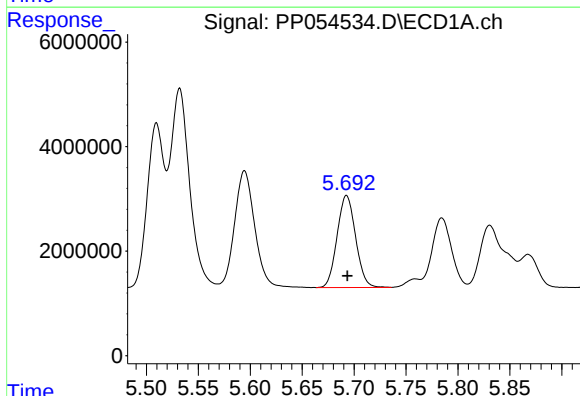
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 30482542
Conc: 445.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



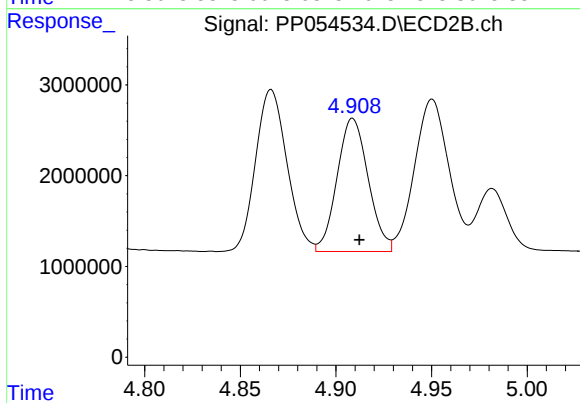
#5 AR-1016-3

R.T.: 4.866 min
Delta R.T.: -0.004 min
Response: 20354305
Conc: 518.87 ng/ml



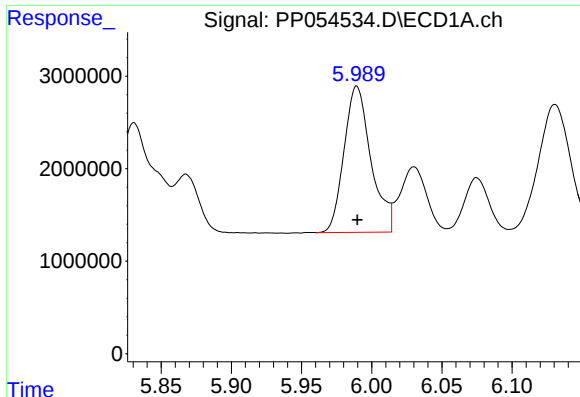
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 21877284
Conc: 420.20 ng/ml



#6 AR-1016-4

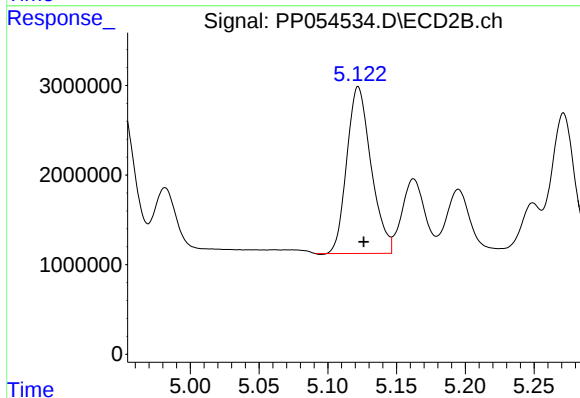
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 16613856
Conc: 482.77 ng/ml



#7 AR-1016-5

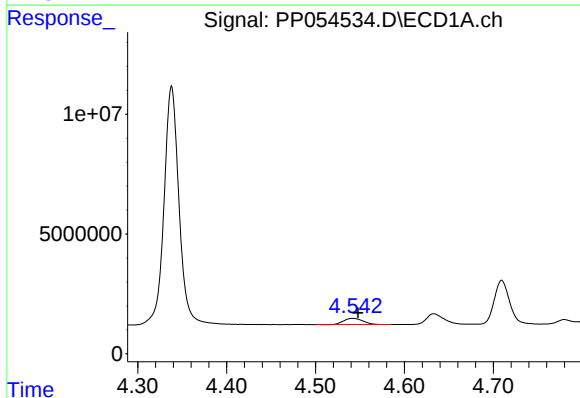
R.T.: 5.989 min
Delta R.T.: 0.000 min
Response: 21110889
Conc: 466.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



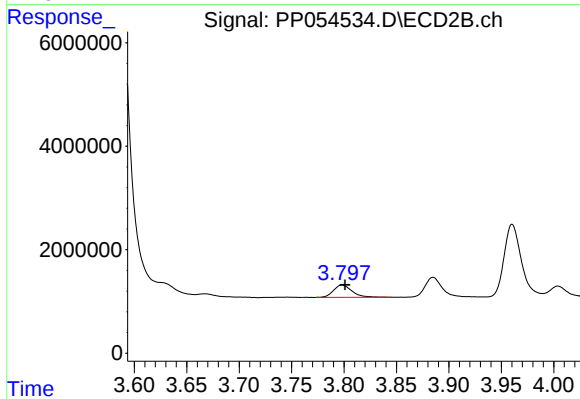
#7 AR-1016-5

R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 22852112
Conc: 519.75 ng/ml



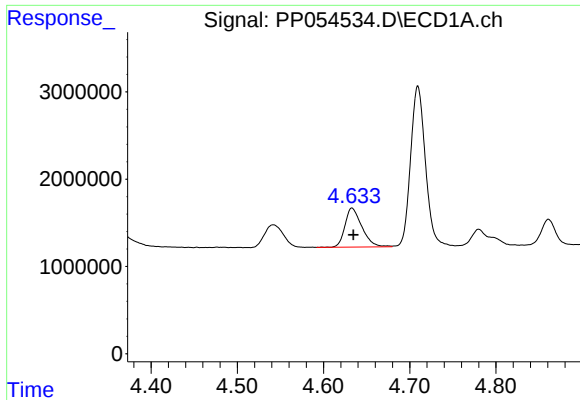
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 3904540
Conc: 162.39 ng/ml



#8 AR-1221-1

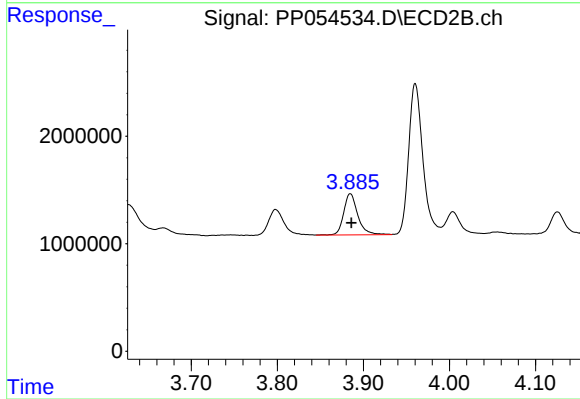
R.T.: 3.798 min
Delta R.T.: -0.003 min
Response: 2971955
Conc: 155.53 ng/ml



#9 AR-1221-2

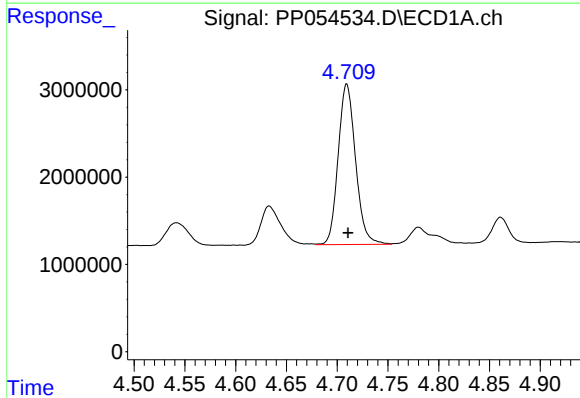
R.T.: 4.633 min
Delta R.T.: -0.001 min
Response: 6108277
Conc: 344.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



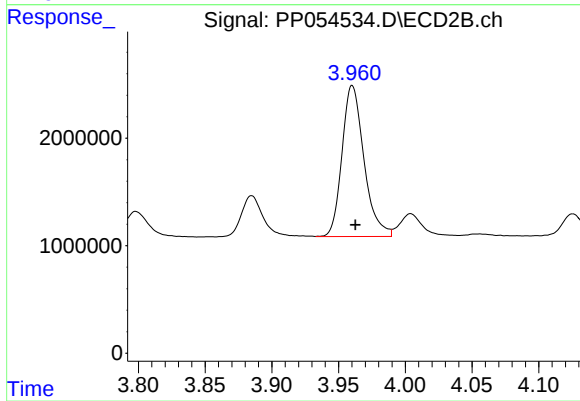
#9 AR-1221-2

R.T.: 3.885 min
Delta R.T.: -0.001 min
Response: 4366906
Conc: 296.17 ng/ml



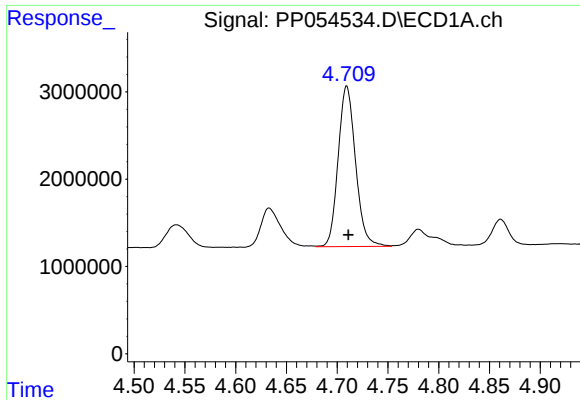
#10 AR-1221-3

R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 21941003
Conc: 407.08 ng/ml



#10 AR-1221-3

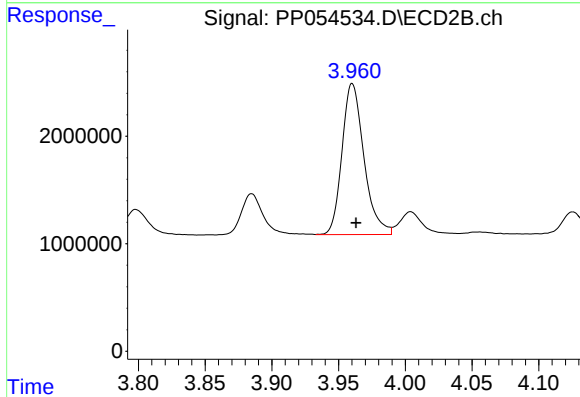
R.T.: 3.960 min
Delta R.T.: -0.002 min
Response: 16095025
Conc: 362.37 ng/ml



#11 AR-1232-1

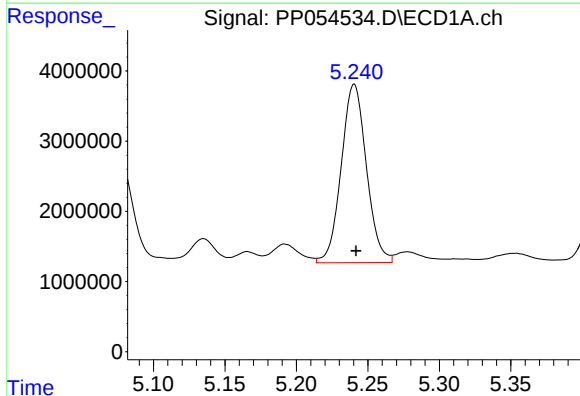
R.T.: 4.709 min
Delta R.T.: -0.001 min
Response: 21941003
Conc: 487.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



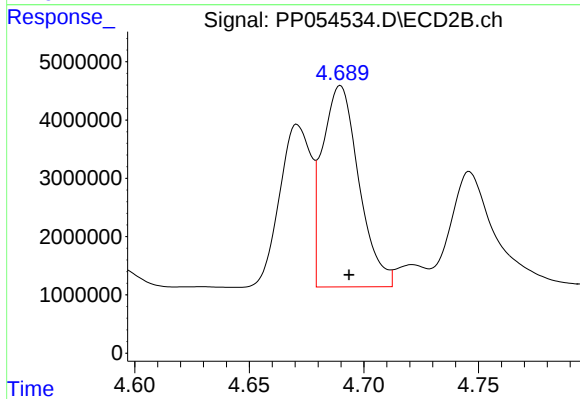
#11 AR-1232-1

R.T.: 3.960 min
Delta R.T.: -0.003 min
Response: 16095025
Conc: 432.45 ng/ml



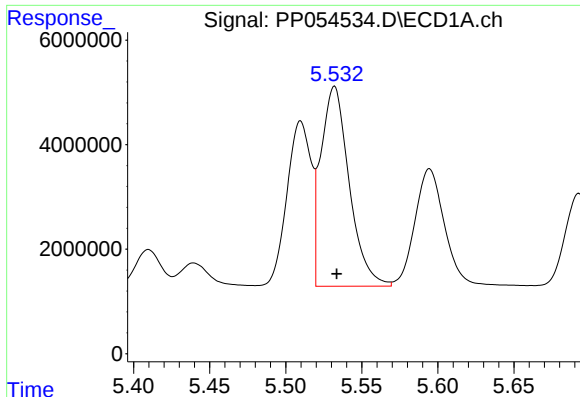
#12 AR-1232-2

R.T.: 5.240 min
Delta R.T.: -0.001 min
Response: 31169138
Conc: 1194.48 ng/ml



#12 AR-1232-2

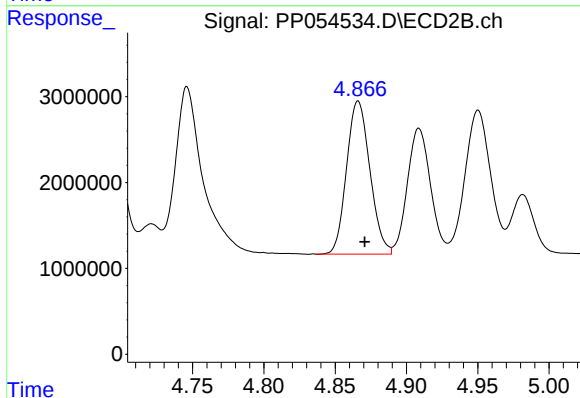
R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 38327849
Conc: 715.13 ng/ml



#13 AR-1232-3

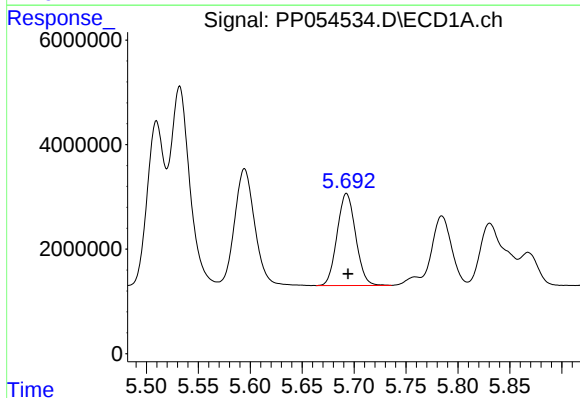
R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 49596962
Conc: 1078.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



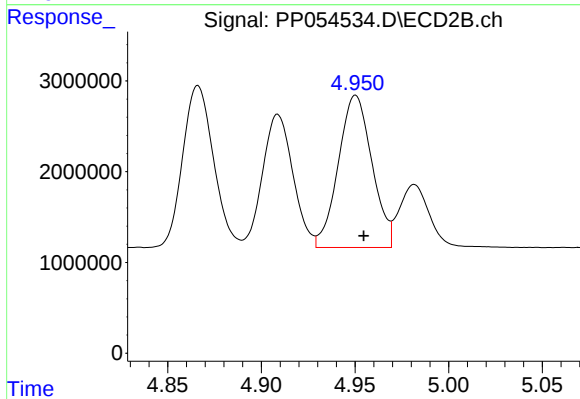
#13 AR-1232-3

R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 20354305
Conc: 1225.97 ng/ml



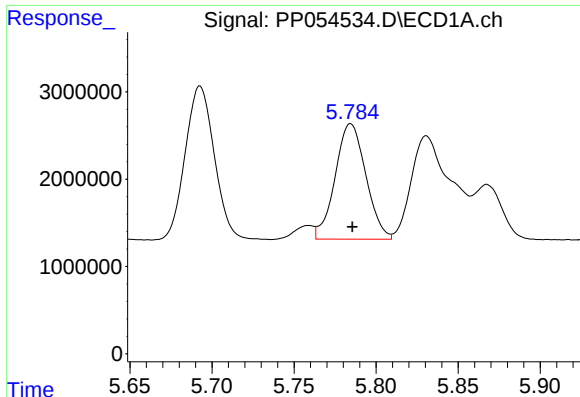
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: -0.001 min
Response: 21877284
Conc: 976.99 ng/ml



#14 AR-1232-4

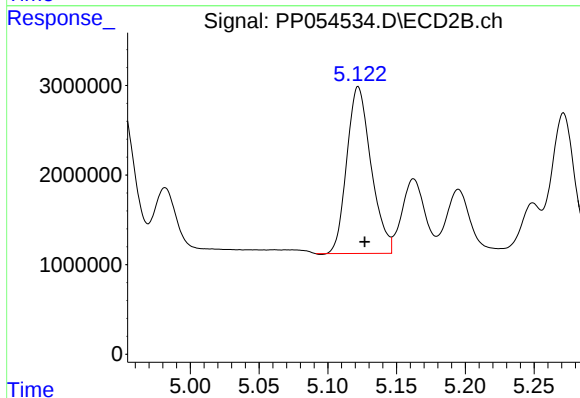
R.T.: 4.950 min
Delta R.T.: -0.004 min
Response: 20996489
Conc: 1251.63 ng/ml



#15 AR-1232-5

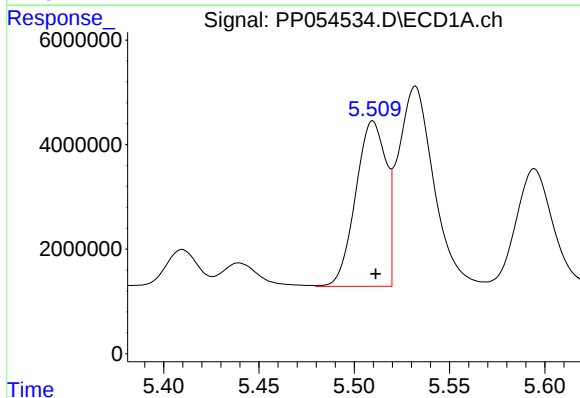
R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 17251234
Conc: 969.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



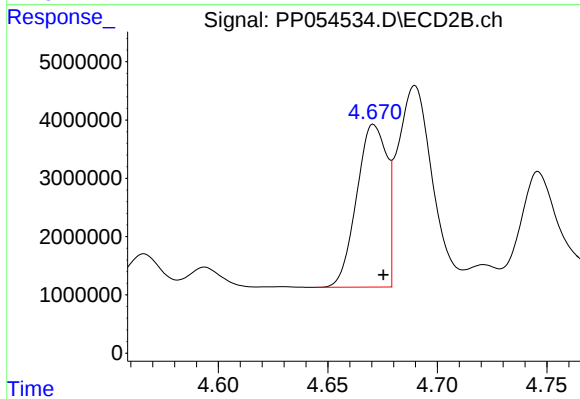
#15 AR-1232-5

R.T.: 5.122 min
Delta R.T.: -0.005 min
Response: 22852112
Conc: 1265.70 ng/ml



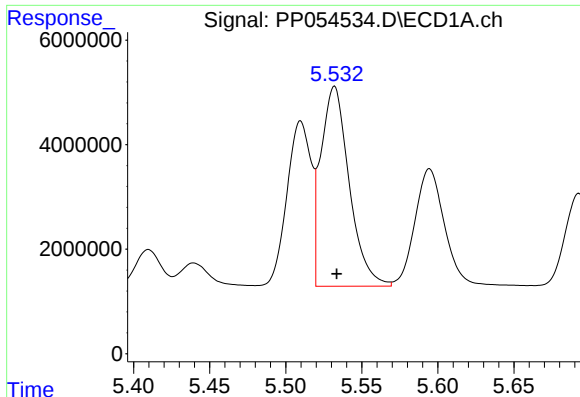
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 35141157
Conc: 591.83 ng/ml



#16 AR-1242-1

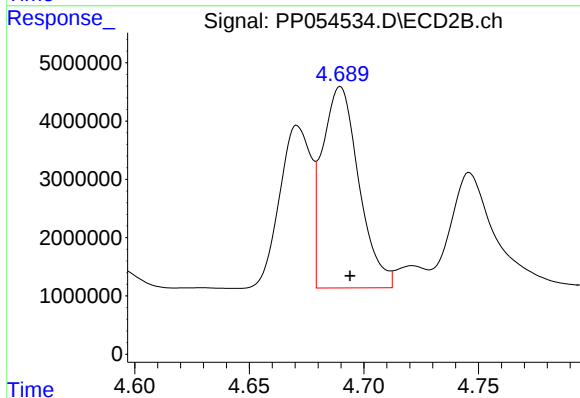
R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 26696995
Conc: 632.37 ng/ml



#17 AR-1242-2

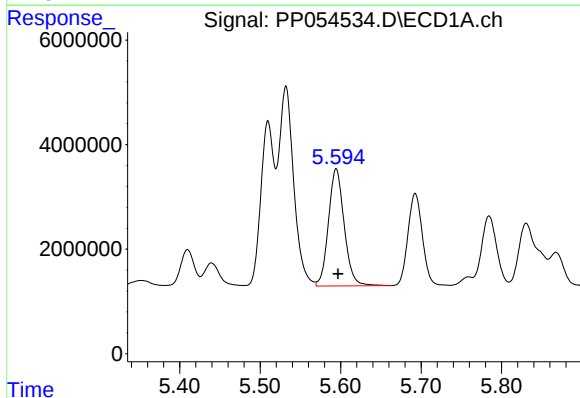
R.T.: 5.532 min
Delta R.T.: -0.001 min
Response: 49596962
Conc: 580.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



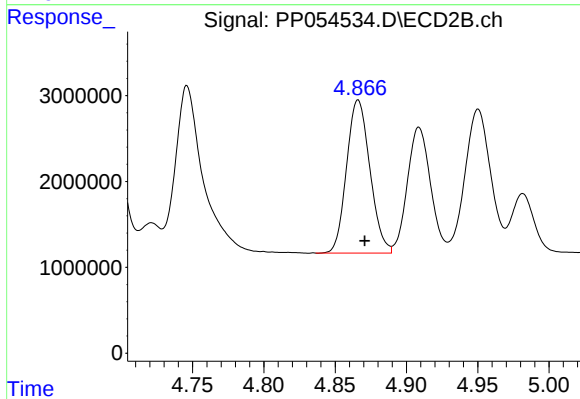
#17 AR-1242-2

R.T.: 4.690 min
Delta R.T.: -0.004 min
Response: 38327849
Conc: 658.35 ng/ml



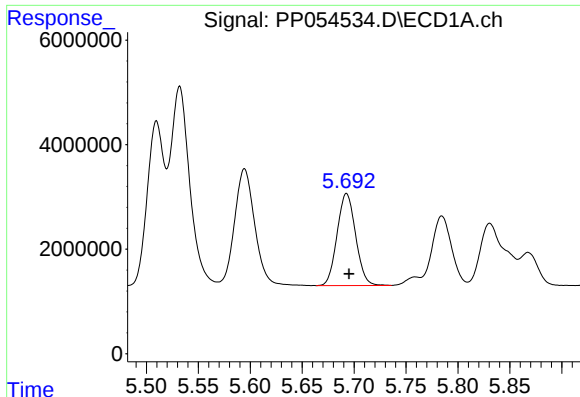
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 30482542
Conc: 557.90 ng/ml



#18 AR-1242-3

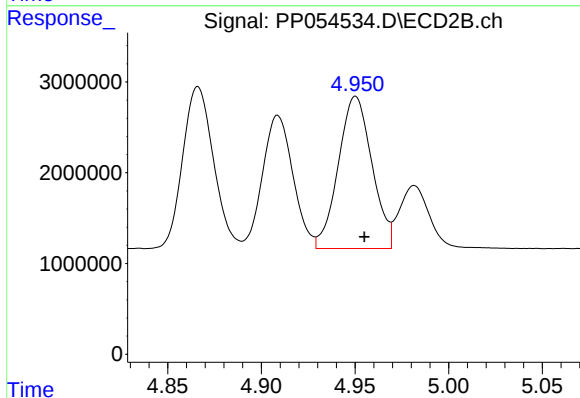
R.T.: 4.866 min
Delta R.T.: -0.005 min
Response: 20354305
Conc: 636.45 ng/ml



#19 AR-1242-4

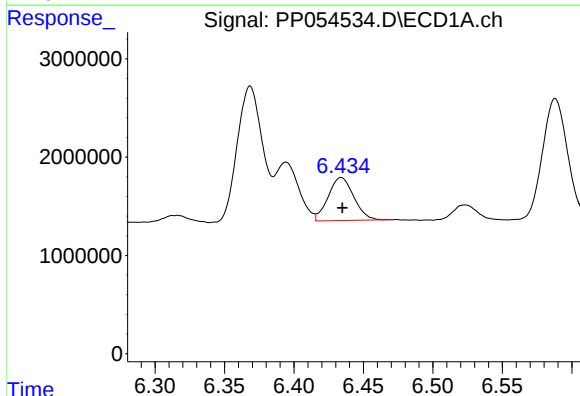
R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 21877284
Conc: 521.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



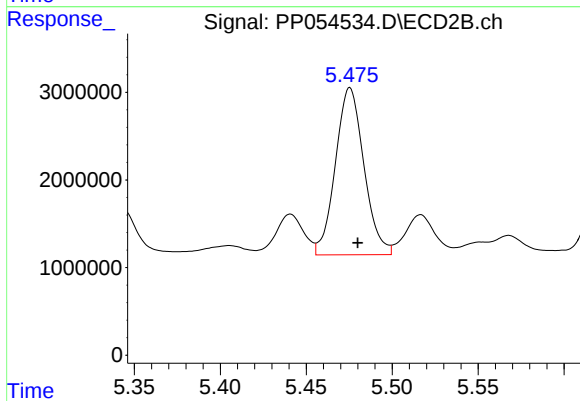
#19 AR-1242-4

R.T.: 4.950 min
Delta R.T.: -0.005 min
Response: 20996489
Conc: 601.89 ng/ml



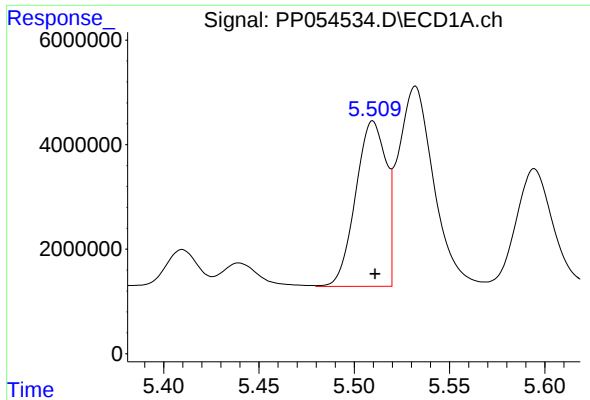
#20 AR-1242-5

R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 5608251
Conc: 170.86 ng/ml



#20 AR-1242-5

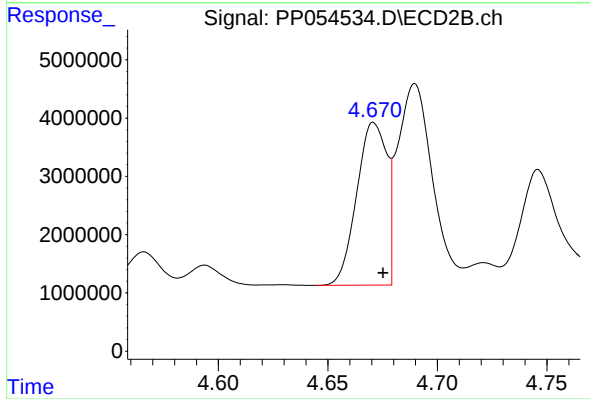
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 22030970
Conc: 585.55 ng/ml



#21 AR-1248-1

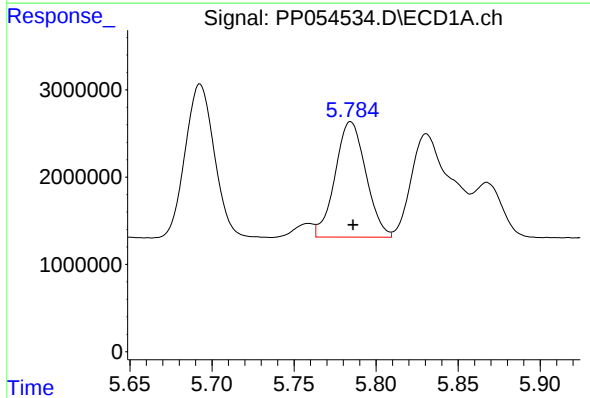
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 35141157
Conc: 782.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



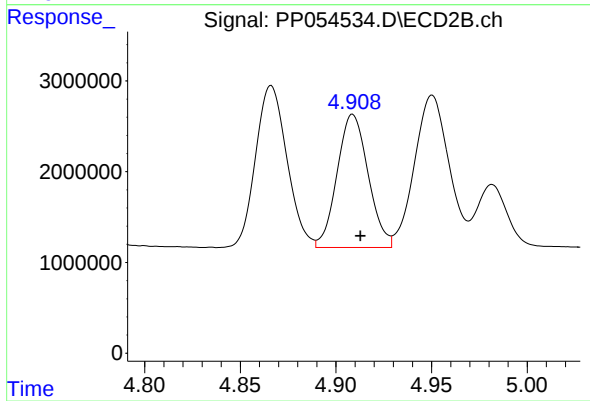
#21 AR-1248-1

R.T.: 4.671 min
Delta R.T.: -0.004 min
Response: 26696995
Conc: 820.73 ng/ml



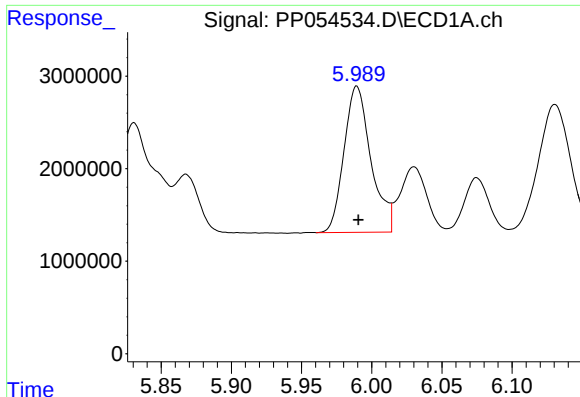
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: -0.001 min
Response: 17251234
Conc: 271.51 ng/ml



#22 AR-1248-2

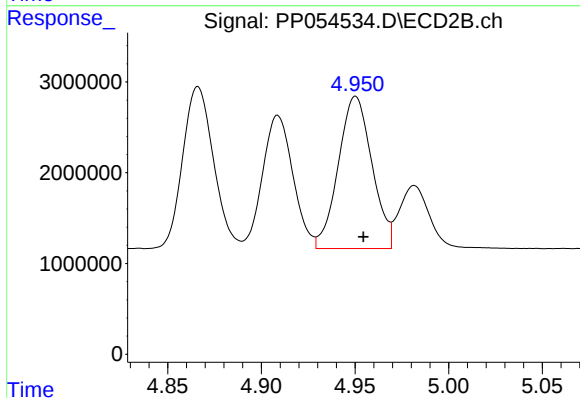
R.T.: 4.909 min
Delta R.T.: -0.004 min
Response: 16613856
Conc: 336.42 ng/ml



#23 AR-1248-3

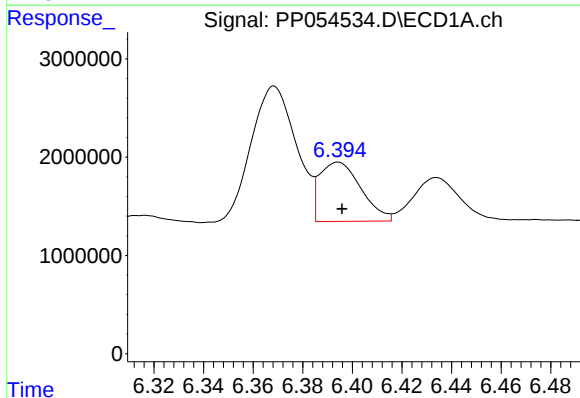
R.T.: 5.989 min
Delta R.T.: -0.001 min
Response: 21110889
Conc: 356.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



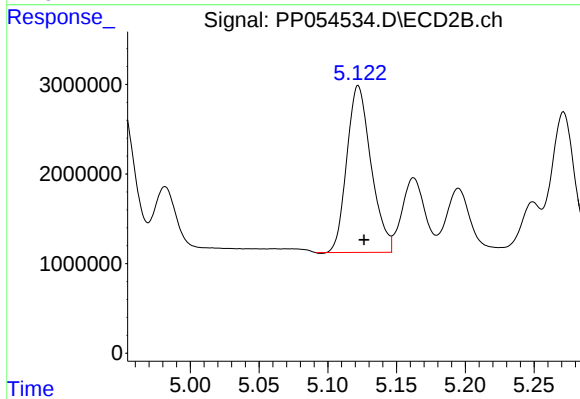
#23 AR-1248-3

R.T.: 4.950 min
Delta R.T.: -0.004 min
Response: 20996489
Conc: 406.87 ng/ml



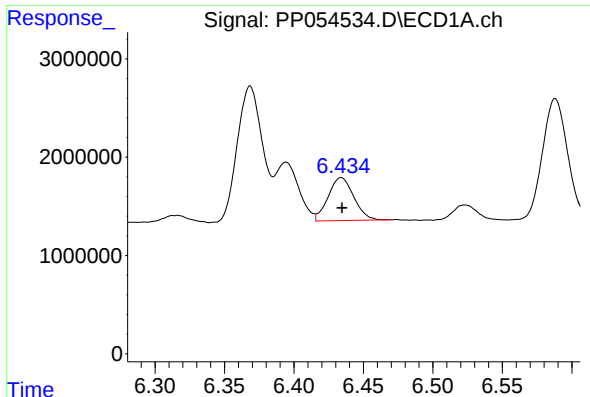
#24 AR-1248-4

R.T.: 6.394 min
Delta R.T.: -0.002 min
Response: 6961260
Conc: 120.17 ng/ml



#24 AR-1248-4

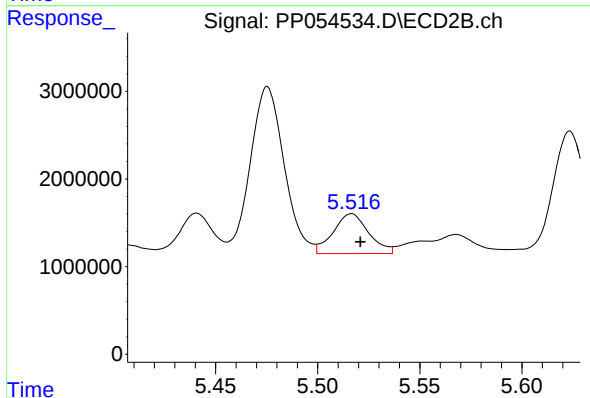
R.T.: 5.122 min
Delta R.T.: -0.004 min
Response: 22852112
Conc: 387.22 ng/ml



#25 AR-1248-5

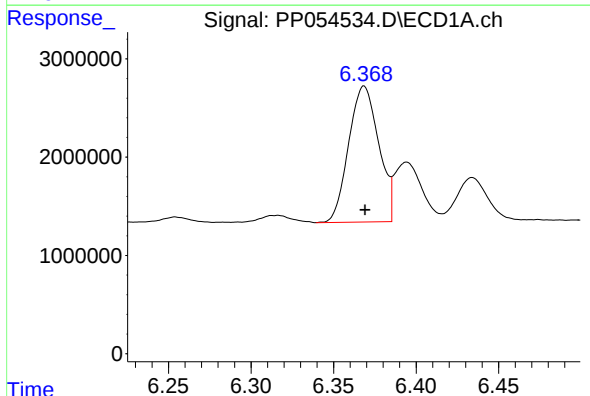
R.T.: 6.434 min
Delta R.T.: 0.000 min
Response: 5608251
Conc: 101.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



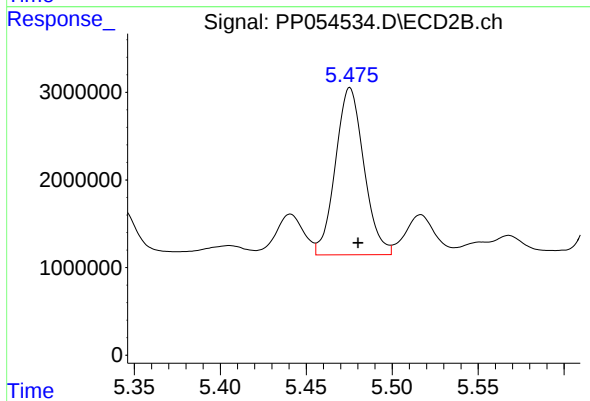
#25 AR-1248-5

R.T.: 5.517 min
Delta R.T.: -0.004 min
Response: 5521584
Conc: 111.33 ng/ml



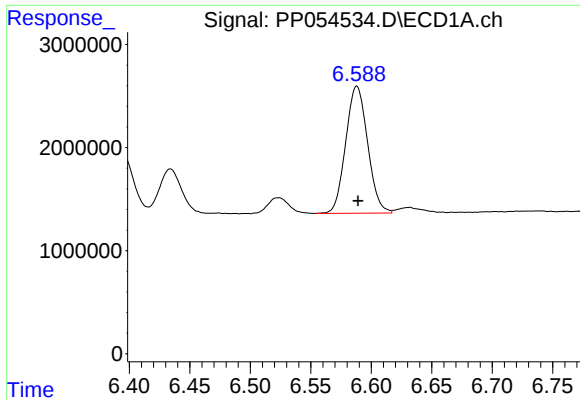
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 17517094
Conc: 281.92 ng/ml



#26 AR-1254-1

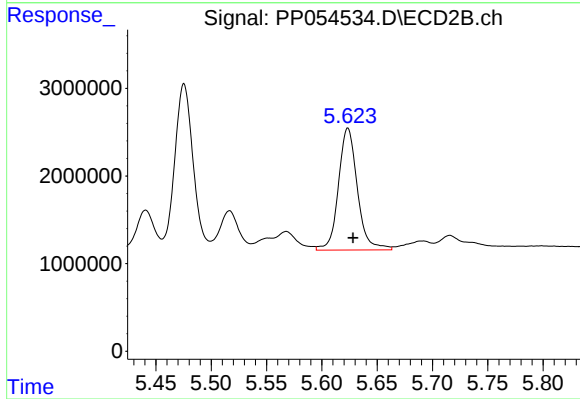
R.T.: 5.475 min
Delta R.T.: -0.005 min
Response: 22030970
Conc: 256.90 ng/ml



#27 AR-1254-2

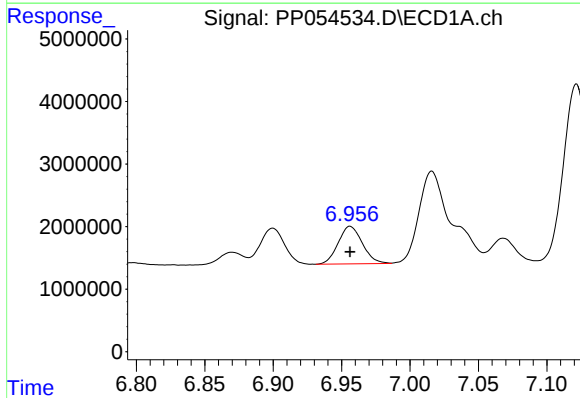
R.T.: 6.588 min
Delta R.T.: -0.001 min
Response: 15533848
Conc: 165.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



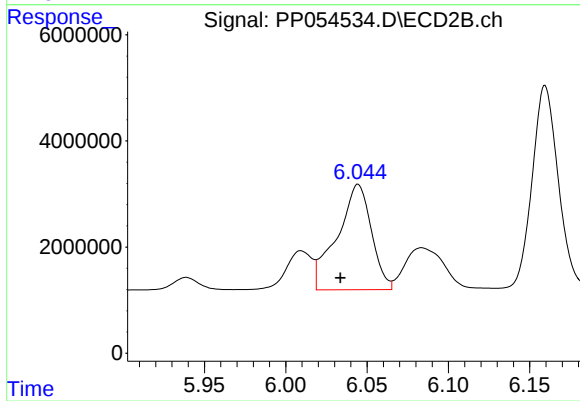
#27 AR-1254-2

R.T.: 5.624 min
Delta R.T.: -0.005 min
Response: 16635289
Conc: 223.92 ng/ml



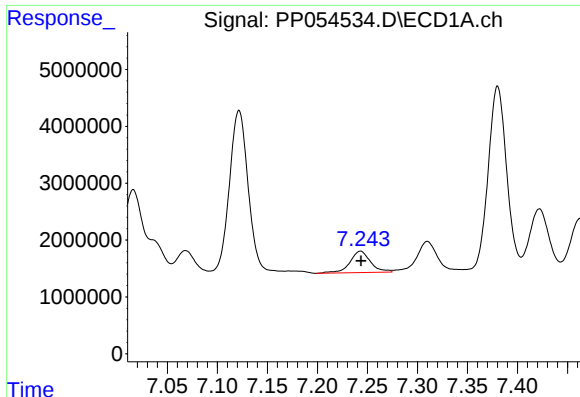
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 7392709
Conc: 77.88 ng/ml



#28 AR-1254-3

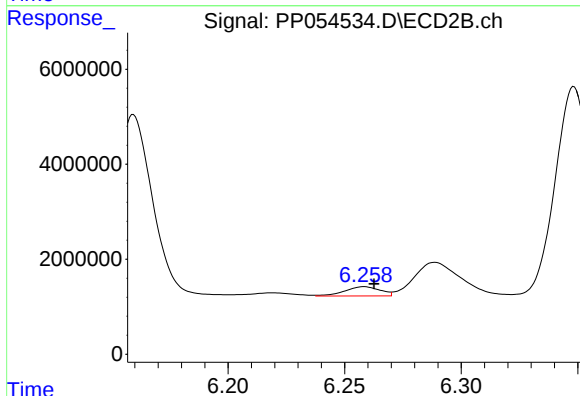
R.T.: 6.045 min
Delta R.T.: 0.011 min
Response: 29176652
Conc: 251.37 ng/ml



#29 AR-1254-4

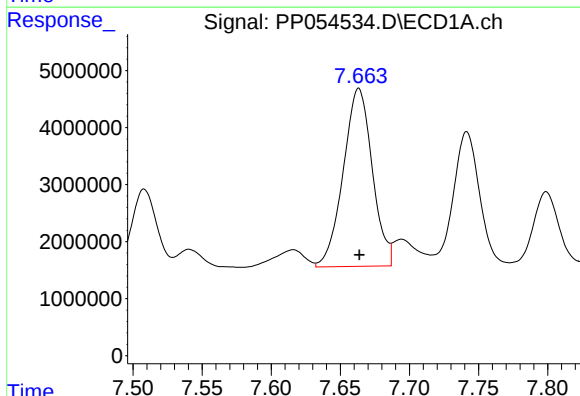
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 5393752
Conc: 79.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



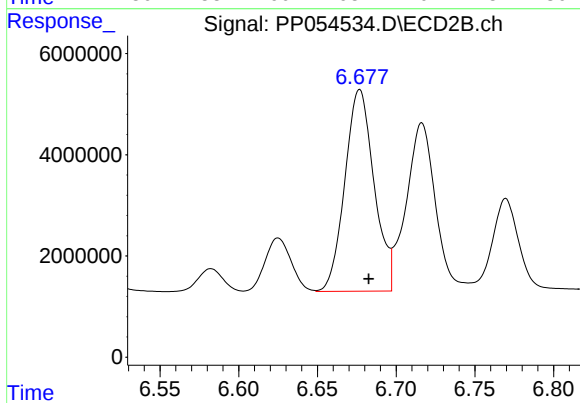
#29 AR-1254-4

R.T.: 6.258 min
Delta R.T.: -0.004 min
Response: 2052295
Conc: 32.60 ng/ml



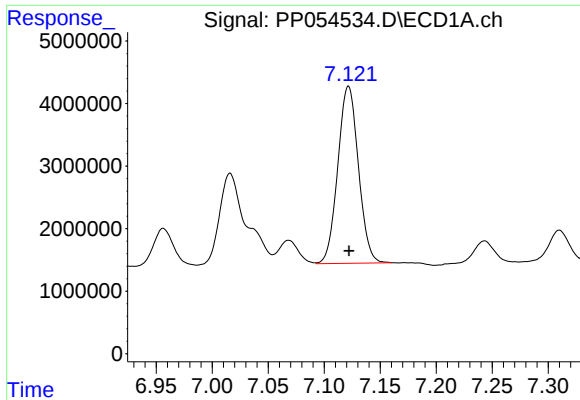
#30 AR-1254-5

R.T.: 7.663 min
Delta R.T.: 0.000 min
Response: 45655467
Conc: 600.58 ng/ml



#30 AR-1254-5

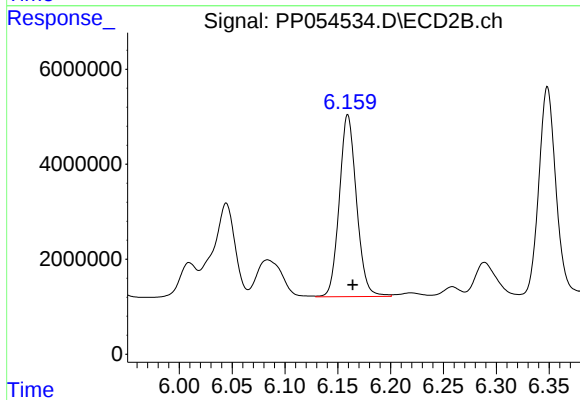
R.T.: 6.677 min
Delta R.T.: -0.006 min
Response: 51429557
Conc: 537.87 ng/ml



#31 AR-1260-1

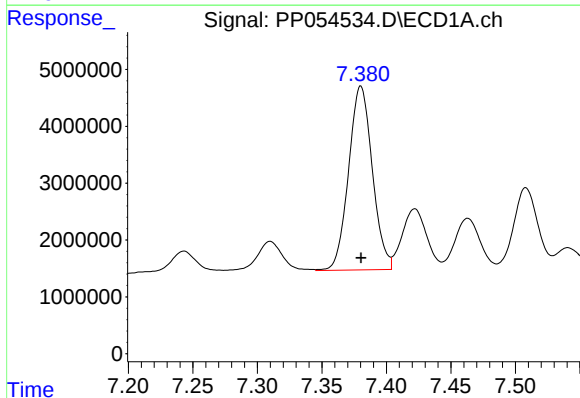
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 36274520
Conc: 465.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



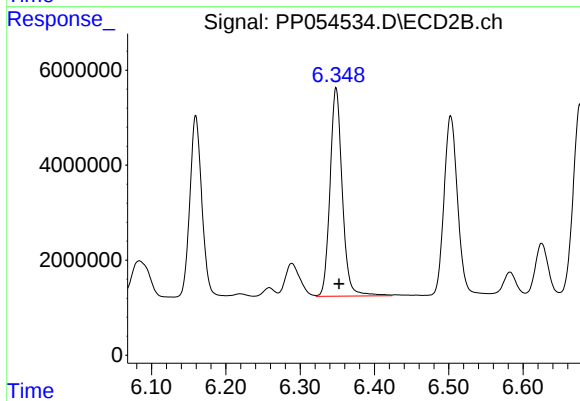
#31 AR-1260-1

R.T.: 6.160 min
Delta R.T.: -0.005 min
Response: 43241507
Conc: 510.45 ng/ml



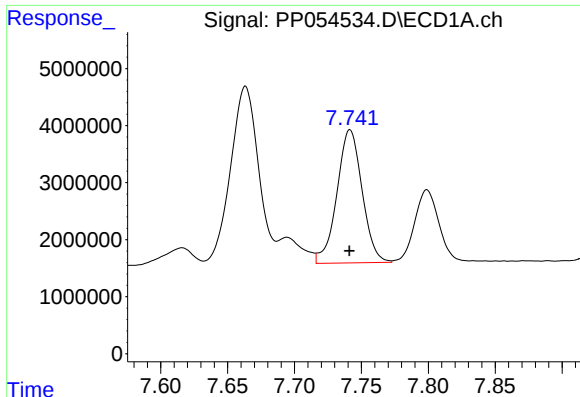
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 41422458
Conc: 462.47 ng/ml



#32 AR-1260-2

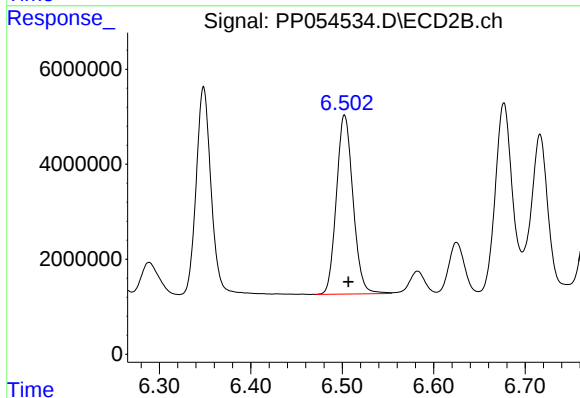
R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 50274147
Conc: 525.66 ng/ml



#33 AR-1260-3

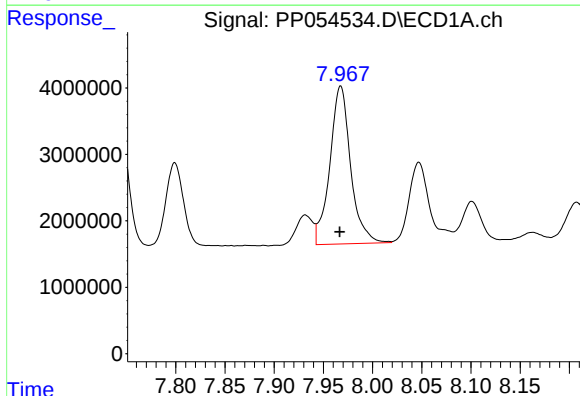
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 30618072
Conc: 448.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



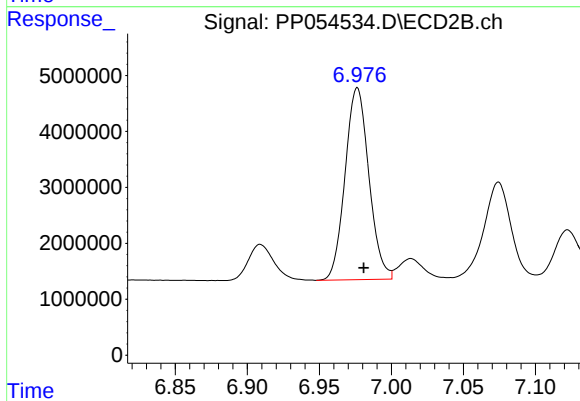
#33 AR-1260-3

R.T.: 6.503 min
Delta R.T.: -0.004 min
Response: 47552685
Conc: 520.24 ng/ml



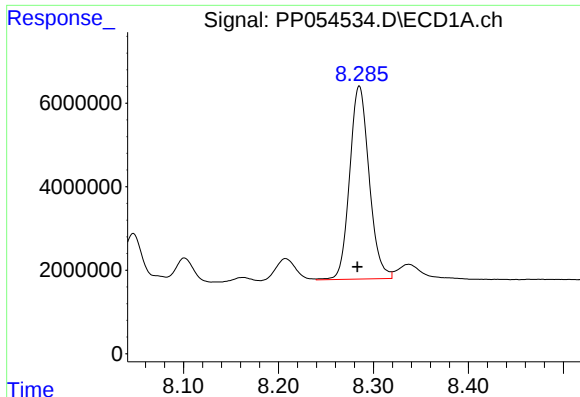
#34 AR-1260-4

R.T.: 7.968 min
Delta R.T.: 0.000 min
Response: 34978157
Conc: 439.03 ng/ml



#34 AR-1260-4

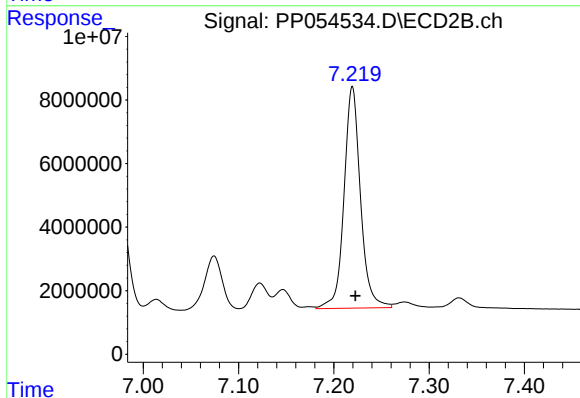
R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 39506674
Conc: 521.16 ng/ml



#35 AR-1260-5

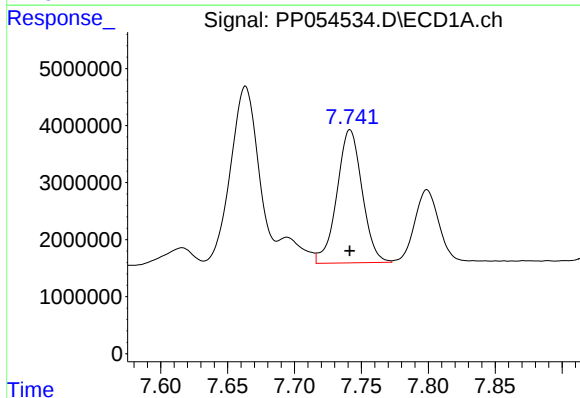
R.T.: 8.285 min
Delta R.T.: 0.002 min
Response: 65925062
Conc: 459.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



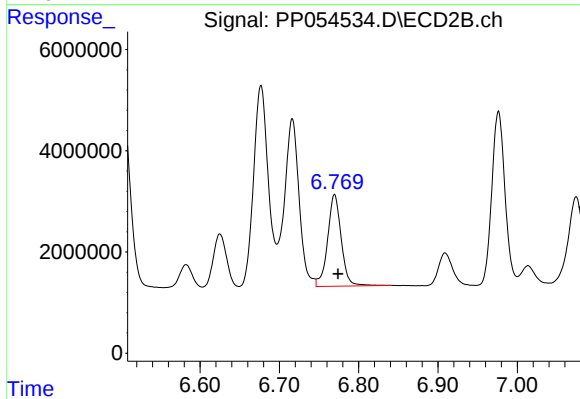
#35 AR-1260-5

R.T.: 7.220 min
Delta R.T.: -0.003 min
Response: 83772499
Conc: 528.85 ng/ml



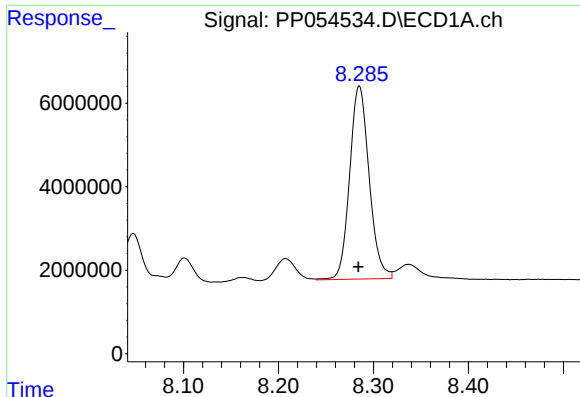
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 30618072
Conc: 363.96 ng/ml



#36 AR-1262-1

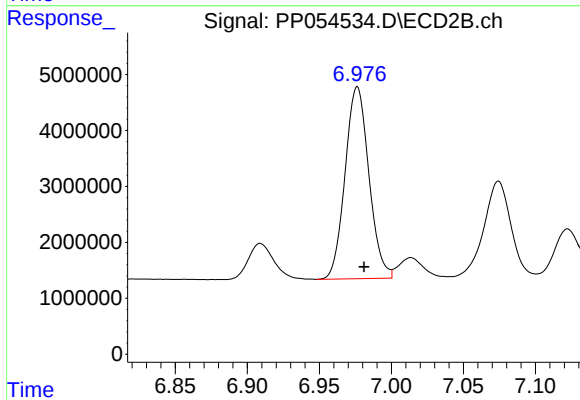
R.T.: 6.770 min
Delta R.T.: -0.004 min
Response: 21724788
Conc: 532.11 ng/ml



#37 AR-1262-2

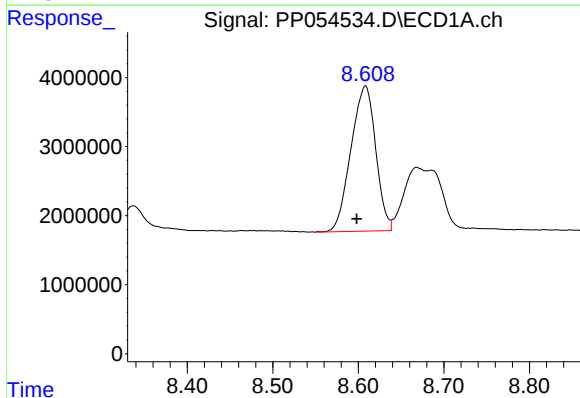
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 65925062
Conc: 465.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



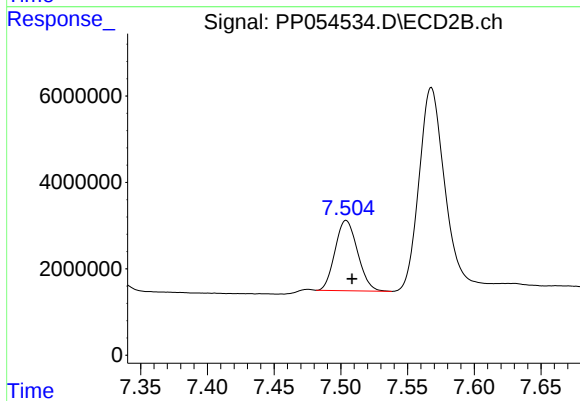
#37 AR-1262-2

R.T.: 6.976 min
Delta R.T.: -0.005 min
Response: 39506674
Conc: 456.31 ng/ml



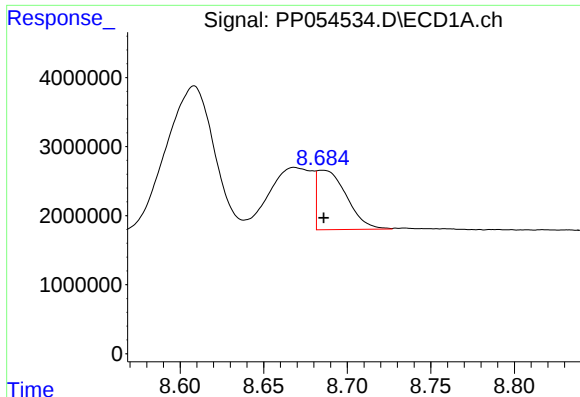
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.010 min
Response: 42253173
Conc: 408.04 ng/ml



#38 AR-1262-3

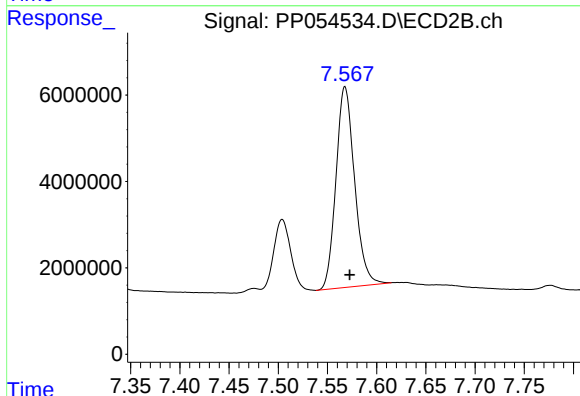
R.T.: 7.504 min
Delta R.T.: -0.004 min
Response: 19131789
Conc: 286.58 ng/ml



#39 AR-1262-4

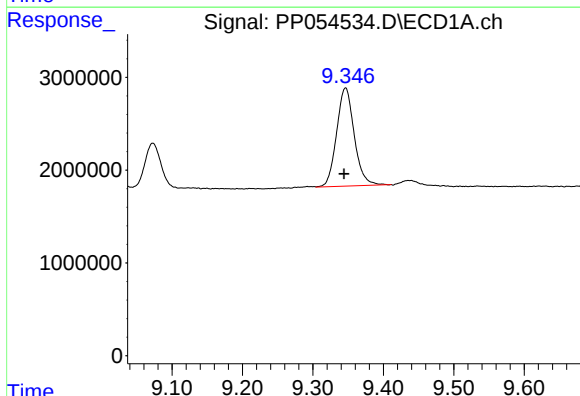
R.T.: 8.685 min
Delta R.T.: 0.000 min
Response: 10552301
Conc: 208.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



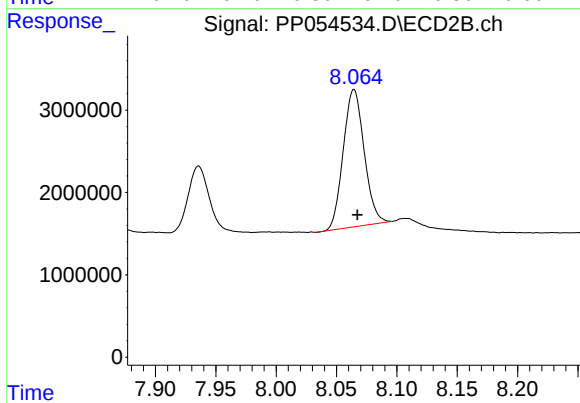
#39 AR-1262-4

R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 61159740
Conc: 522.64 ng/ml



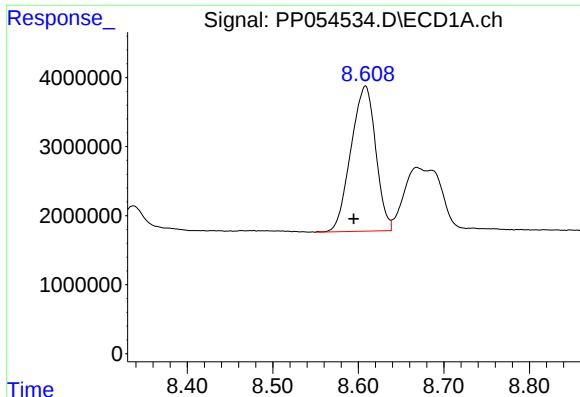
#40 AR-1262-5

R.T.: 9.346 min
Delta R.T.: 0.002 min
Response: 18444672
Conc: 328.34 ng/ml



#40 AR-1262-5

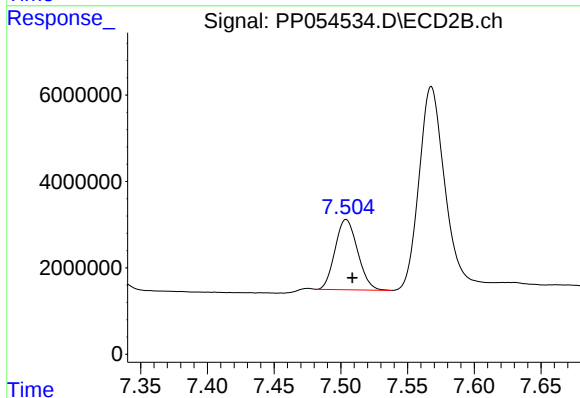
R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 20127035
Conc: 365.36 ng/ml



#41 AR-1268-1

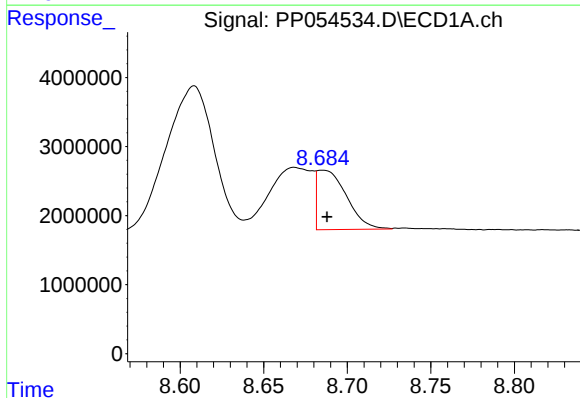
R.T.: 8.608 min
Delta R.T.: 0.014 min
Response: 42253173
Conc: 216.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



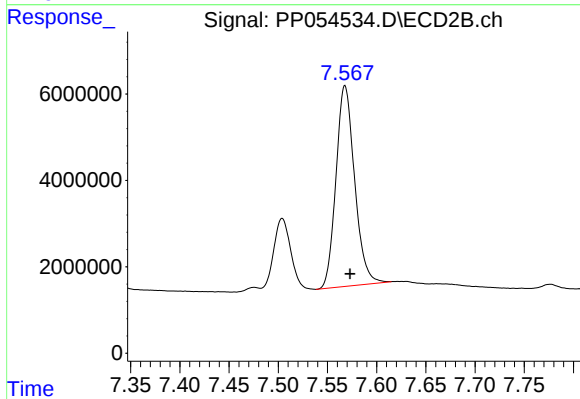
#41 AR-1268-1

R.T.: 7.504 min
Delta R.T.: -0.005 min
Response: 19131789
Conc: 94.22 ng/ml



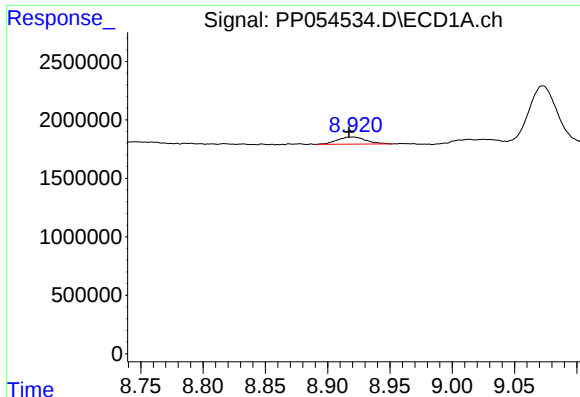
#42 AR-1268-2

R.T.: 8.685 min
Delta R.T.: -0.003 min
Response: 10552301
Conc: 59.79 ng/ml



#42 AR-1268-2

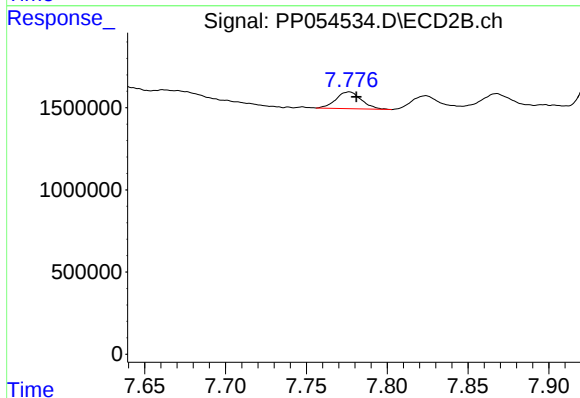
R.T.: 7.568 min
Delta R.T.: -0.005 min
Response: 61159740
Conc: 331.98 ng/ml



#43 AR-1268-3

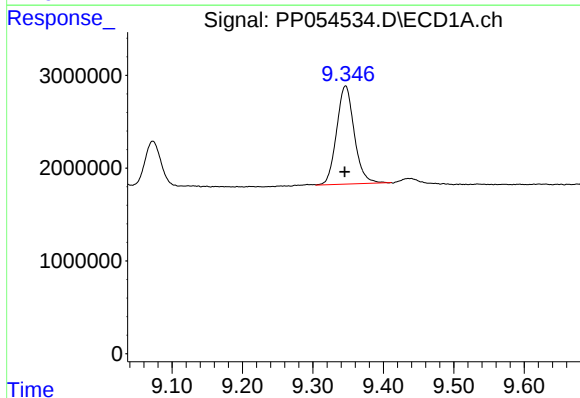
R.T.: 8.920 min
Delta R.T.: 0.003 min
Response: 981129
Conc: 6.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



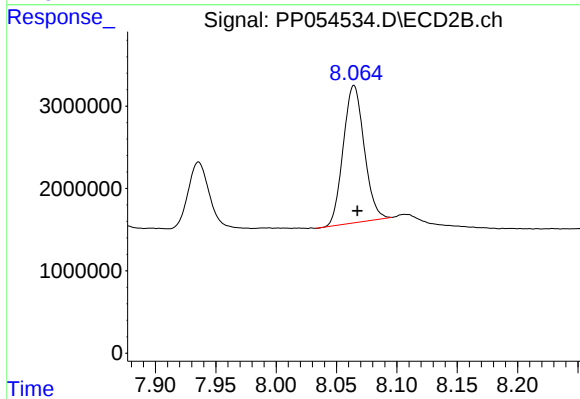
#43 AR-1268-3

R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 1128178
Conc: 6.60 ng/ml



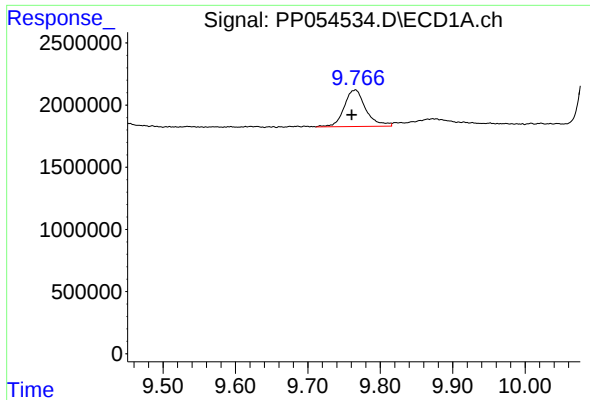
#44 AR-1268-4

R.T.: 9.346 min
Delta R.T.: 0.001 min
Response: 18444672
Conc: 269.57 ng/ml



#44 AR-1268-4

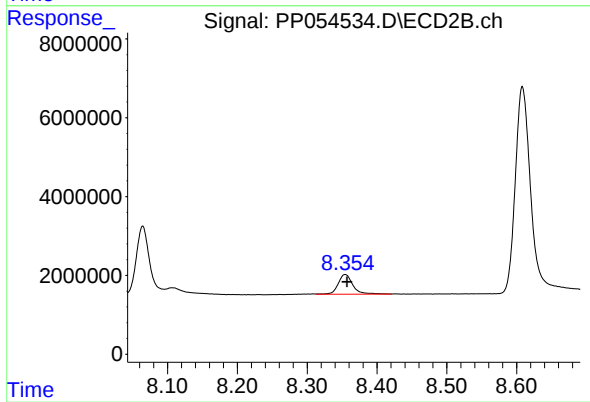
R.T.: 8.064 min
Delta R.T.: -0.003 min
Response: 20127035
Conc: 318.56 ng/ml



#45 AR-1268-5

R.T.: 9.766 min
Delta R.T.: 0.005 min
Response: 6099112
Conc: 11.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.354 min
Delta R.T.: -0.003 min
Response: 7279185
Conc: 14.87 ng/ml