

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054705.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 08:45
 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 19 20:37:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.332	3.578	98972956	84928161	53.902	53.057
2)	SA Decachlor...	10.096	8.598	75038017	74709220	55.904	52.169
Target Compounds							
3)	L1 AR-1016-1	5.505	4.664	35807840	27093366	552.911	537.892
4)	L1 AR-1016-2	5.528	4.683	52364724	38990599	554.147	546.168
5)	L1 AR-1016-3	5.590	4.859	32756484	20925939	549.268	537.480
6)	L1 AR-1016-4	5.689	4.902	26581289	16467213	559.355	484.841
7)	L1 AR-1016-5	5.985	5.116	27815287	25644544	574.544	585.307
8)	L2 AR-1221-1	4.537	3.791	3509051	3061018	153.332	154.702
9)	L2 AR-1221-2	4.628	3.877	5450855	4409749	309.714	293.548
10)	L2 AR-1221-3	4.705	3.953	20097345	16842401	378.107	366.461
11)	L3 AR-1232-1	4.705	3.953	20097345	16842401	452.174	436.579
12)	L3 AR-1232-2	5.236	4.683	27979608	38990599	1160.649	1192.739
13)	L3 AR-1232-3	5.528	4.859	52364724	20925939	1214.966	1216.846
14)	L3 AR-1232-4	5.689	4.944	26581289	21805576	1238.480	1258.744
15)	L3 AR-1232-5	5.781	5.116	22480038	25644544	1306.554	1355.014
16)	L4 AR-1242-1	5.505	4.664	35807840	27093366	662.247	642.177
17)	L4 AR-1242-2	5.528	4.683	52364724	38990599	671.174	664.051
18)	L4 AR-1242-3	5.590	4.859	32756484	20925939	666.809	652.336
19)	L4 AR-1242-4	5.689	4.944	26581289	21805576	670.067	621.477
20)	L4 AR-1242-5	6.430	5.469	10199968	24902974	282.703	655.158 #
21)	L5 AR-1248-1	5.505	4.664	35807840	27093366	899.156	865.904
22)	L5 AR-1248-2	5.781	4.902	22480038	16467213	378.736	342.990
23)	L5 AR-1248-3	5.985	4.944	27815287	21805576	421.505	429.094
24)	L5 AR-1248-4	6.390	5.116	10768775	25644544	161.165	431.354 #
25)	L5 AR-1248-5	6.430	5.509	10199968	7903622	156.880	155.555
26)	L6 AR-1254-1	6.365	5.469	23337025	24902974	330.181	292.903
27)	L6 AR-1254-2	6.584	5.617	20730863	19435434	216.592	267.088
28)	L6 AR-1254-3	6.952	6.037	8251145	30644012	95.101	270.765 #
29)	L6 AR-1254-4	7.239	6.251	3836312	2259324	61.235	36.300 #
30)	L6 AR-1254-5	7.659	6.670	49270794	52675289	704.080	555.827
31)	L7 AR-1260-1	7.117	6.153	40564082	44791539	590.574	539.527
32)	L7 AR-1260-2	7.376	6.341	43195523	50186051	540.145	545.233
33)	L7 AR-1260-3	7.738	6.495	32994945	47648588	547.731	530.143
34)	L7 AR-1260-4	7.964	6.969	38759501	40141699	553.954	533.329
35)	L7 AR-1260-5	8.280	7.212	72316178	85852750	555.085	540.280
36)	L8 AR-1262-1	7.738	6.763	32994945	21500681	403.077	506.876 #
37)	L8 AR-1262-2	8.280	6.969	72316178	40141699	510.782	436.590
38)	L8 AR-1262-3	8.603	7.497	49284943	20569892	478.051	286.324 #
39)	L8 AR-1262-4	8.682	7.560	14201620	64063624	285.659	495.410 #
40)	L8 AR-1262-5	9.339	8.056	22656178	22874157	397.778	383.926
41)	L9 AR-1268-1	8.603	7.497	49284943	20569892	267.224	95.138 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

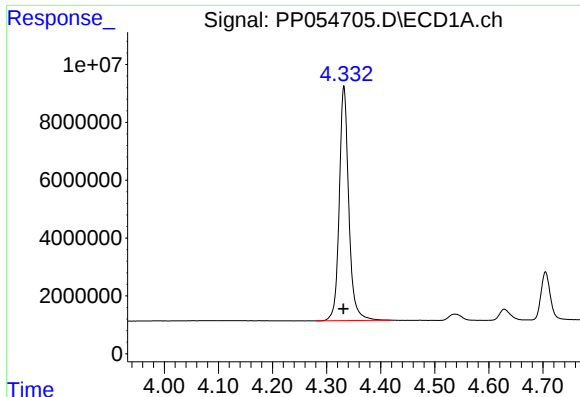
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:37:36 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
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 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	8.682	7.560	14201620	64063624	83.787	327.051 #
43) L9	AR-1268-3	8.913	7.769	1283171	1118225	8.614	6.319 #
44) L9	AR-1268-4	9.339	8.056	22656178	22874157	350.959	338.183
45) L9	AR-1268-5	9.755	8.345	6660119	7012490	13.800	13.629

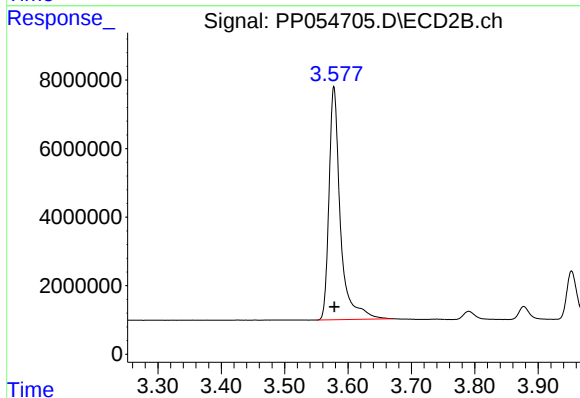
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

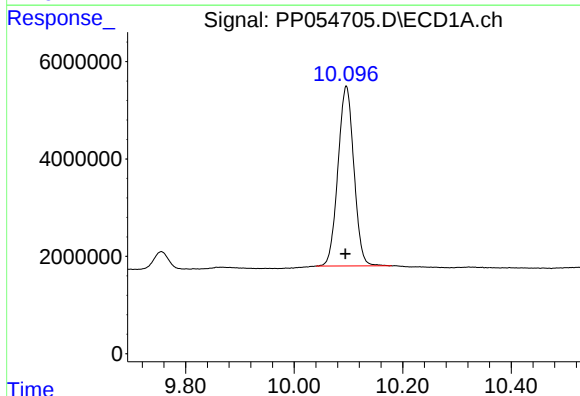
R.T.: 4.332 min
Delta R.T.: 0.001 min
Response: 98972956
Conc: 53.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



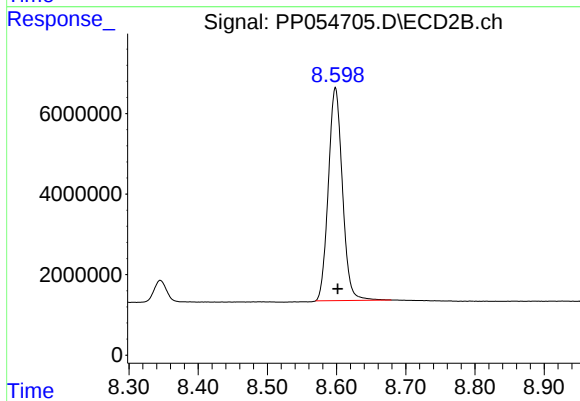
#1 Tetrachloro-m-xylene

R.T.: 3.578 min
Delta R.T.: 0.000 min
Response: 84928161
Conc: 53.06 ng/ml



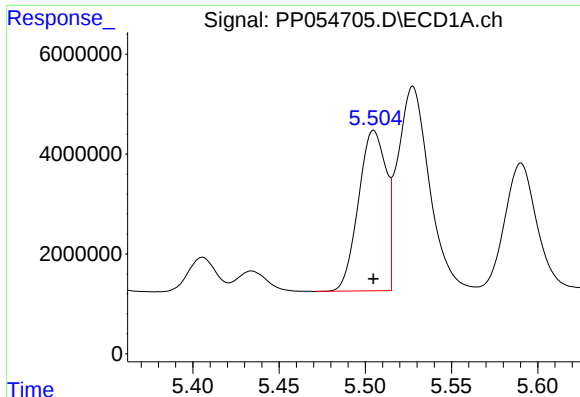
#2 Decachlorobiphenyl

R.T.: 10.096 min
Delta R.T.: 0.002 min
Response: 75038017
Conc: 55.90 ng/ml



#2 Decachlorobiphenyl

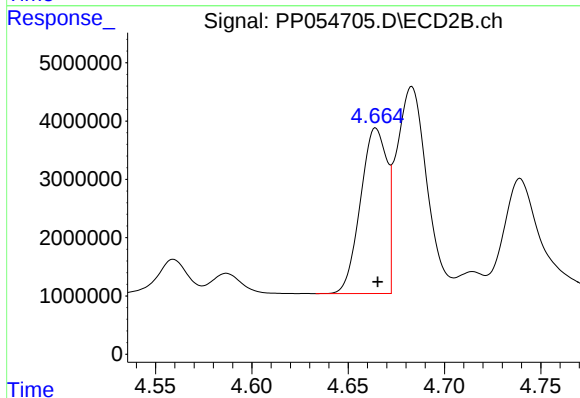
R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 74709220
Conc: 52.17 ng/ml



#3 AR-1016-1

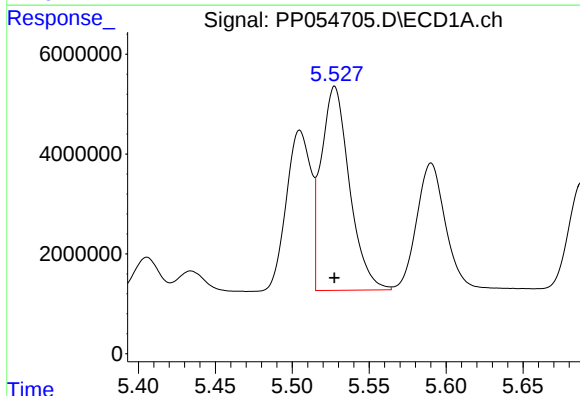
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 35807840
Conc: 552.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



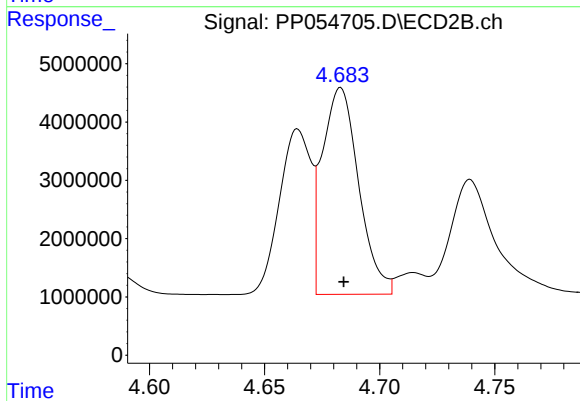
#3 AR-1016-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 27093366
Conc: 537.89 ng/ml



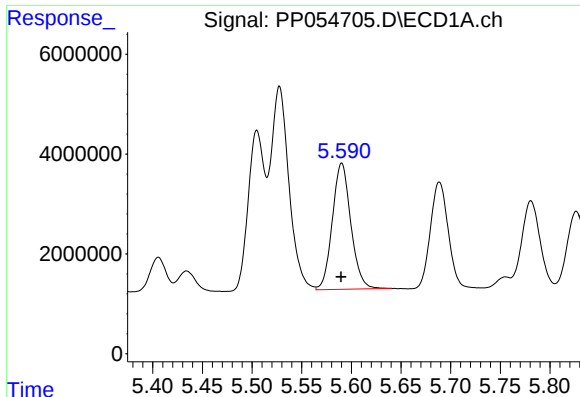
#4 AR-1016-2

R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 52364724
Conc: 554.15 ng/ml



#4 AR-1016-2

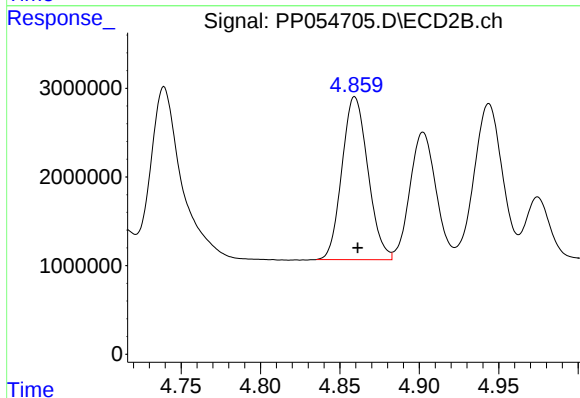
R.T.: 4.683 min
Delta R.T.: -0.001 min
Response: 38990599
Conc: 546.17 ng/ml



#5 AR-1016-3

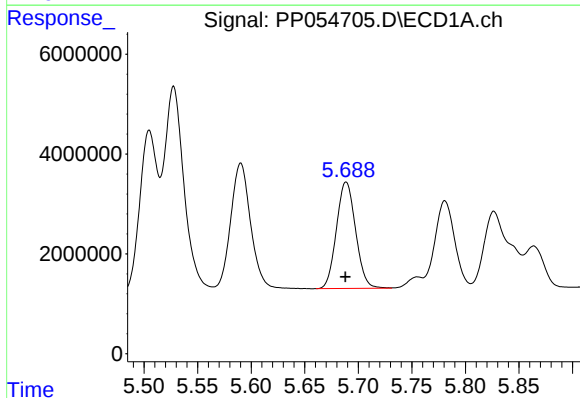
R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 32756484
Conc: 549.27 ng/ml

Instrument :
ECD_P
ClientSampleId :



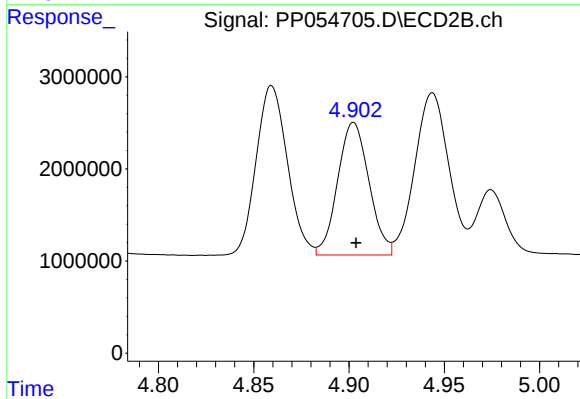
#5 AR-1016-3

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 20925939
Conc: 537.48 ng/ml



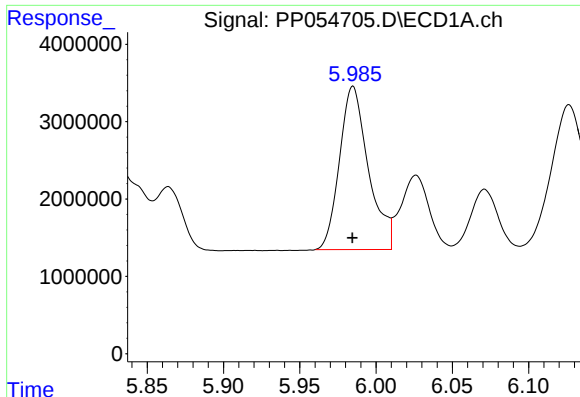
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 26581289
Conc: 559.36 ng/ml



#6 AR-1016-4

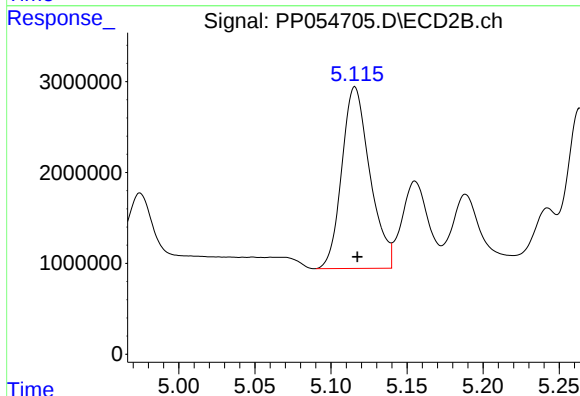
R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 16467213
Conc: 484.84 ng/ml



#7 AR-1016-5

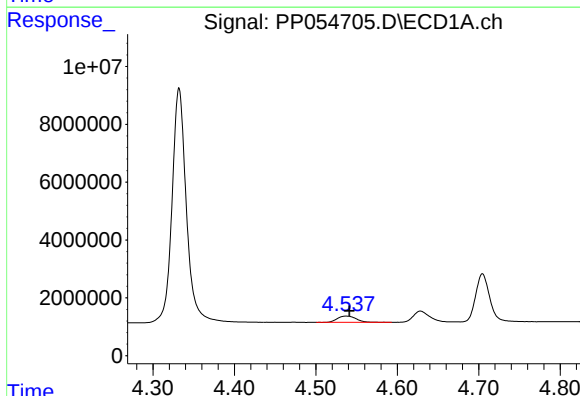
R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 27815287
Conc: 574.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



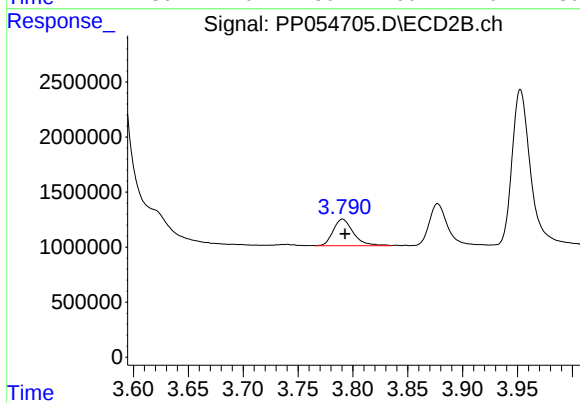
#7 AR-1016-5

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 25644544
Conc: 585.31 ng/ml



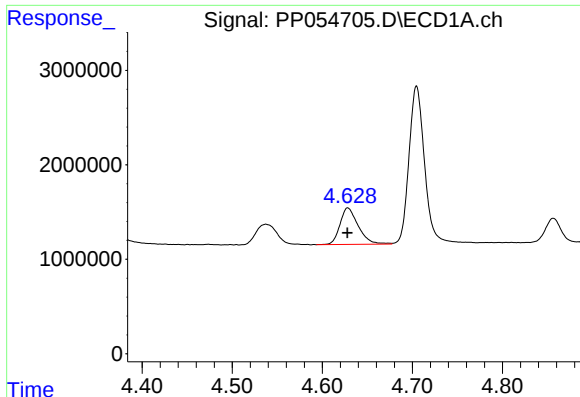
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 3509051
Conc: 153.33 ng/ml



#8 AR-1221-1

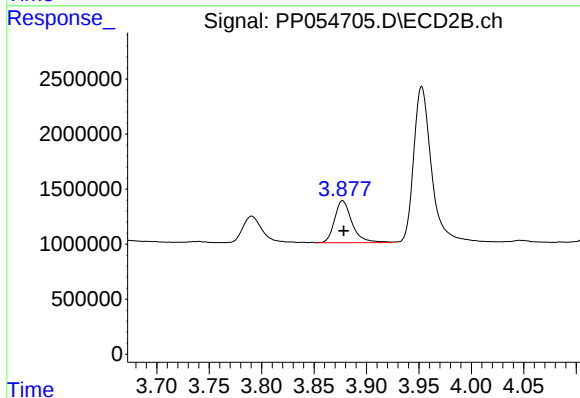
R.T.: 3.791 min
Delta R.T.: -0.002 min
Response: 3061018
Conc: 154.70 ng/ml



#9 AR-1221-2

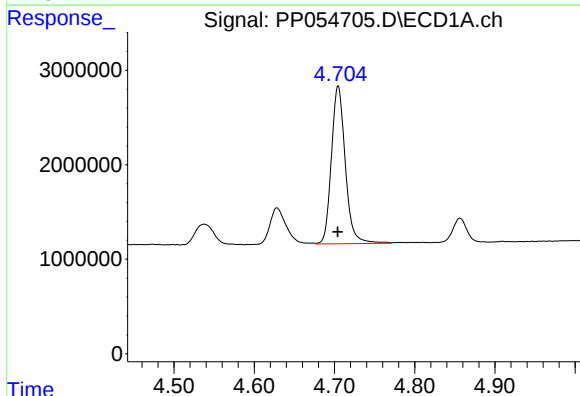
R.T.: 4.628 min
Delta R.T.: 0.000 min
Response: 5450855
Conc: 309.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



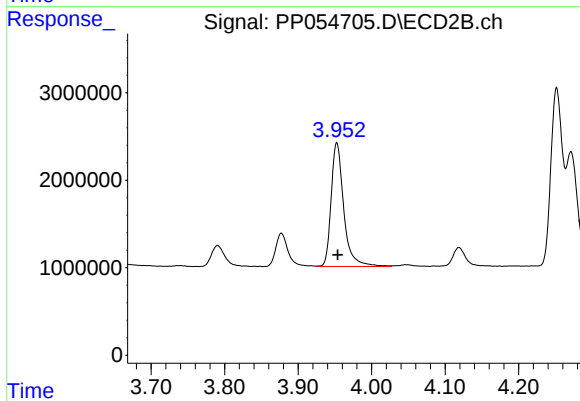
#9 AR-1221-2

R.T.: 3.877 min
Delta R.T.: 0.000 min
Response: 4409749
Conc: 293.55 ng/ml



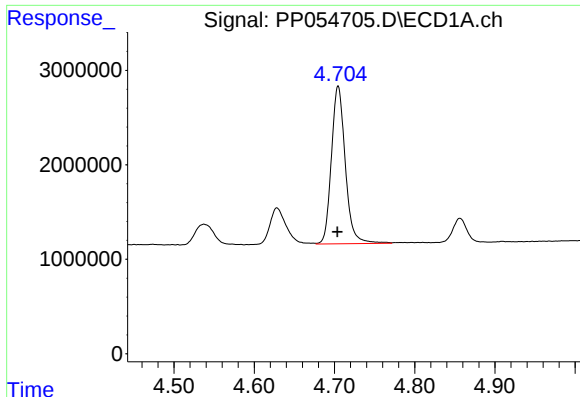
#10 AR-1221-3

R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 20097345
Conc: 378.11 ng/ml



#10 AR-1221-3

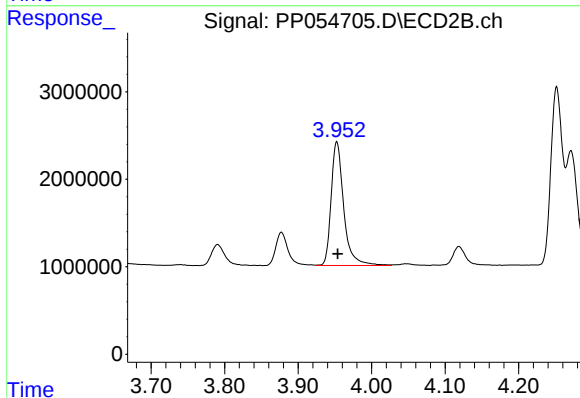
R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 16842401
Conc: 366.46 ng/ml



#11 AR-1232-1

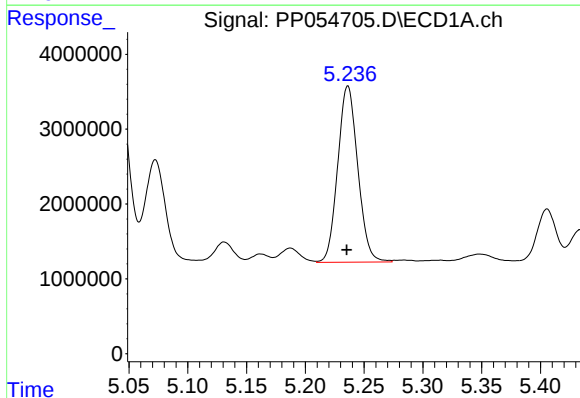
R.T.: 4.705 min
Delta R.T.: 0.000 min
Response: 20097345
Conc: 452.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



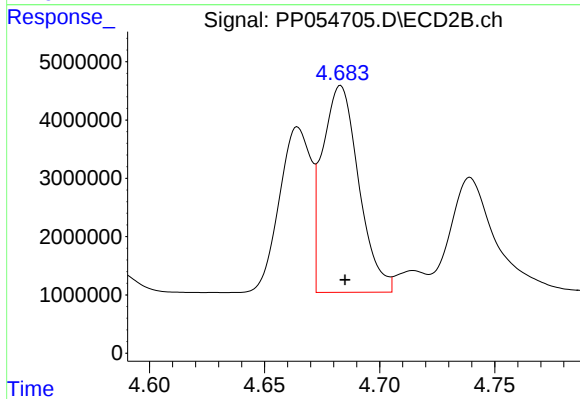
#11 AR-1232-1

R.T.: 3.953 min
Delta R.T.: -0.002 min
Response: 16842401
Conc: 436.58 ng/ml



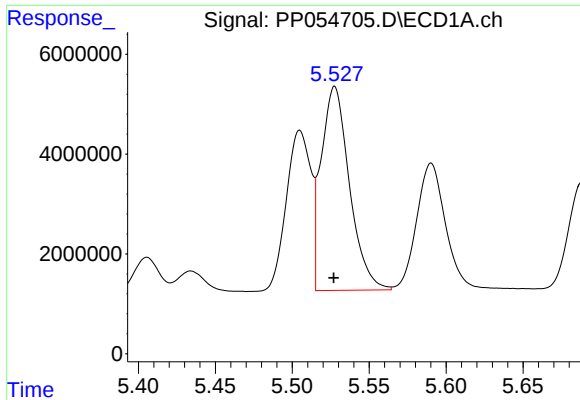
#12 AR-1232-2

R.T.: 5.236 min
Delta R.T.: 0.000 min
Response: 27979608
Conc: 1160.65 ng/ml



#12 AR-1232-2

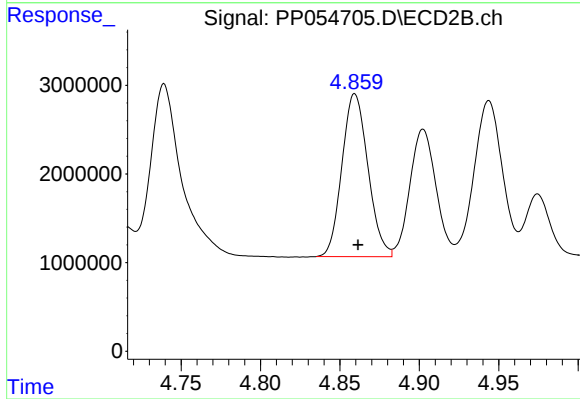
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 38990599
Conc: 1192.74 ng/ml



#13 AR-1232-3

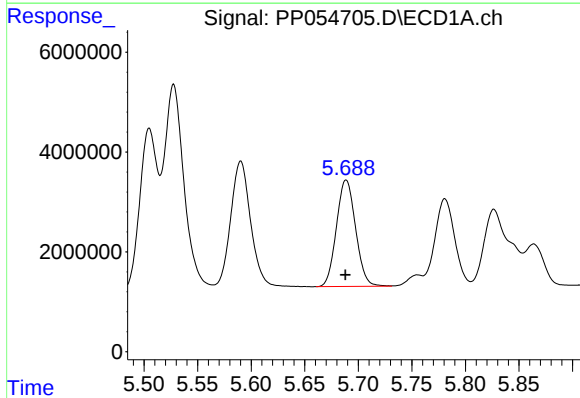
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 52364724
Conc: 1214.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



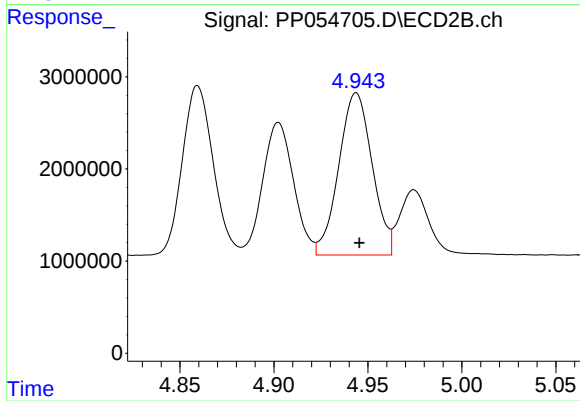
#13 AR-1232-3

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 20925939
Conc: 1216.85 ng/ml



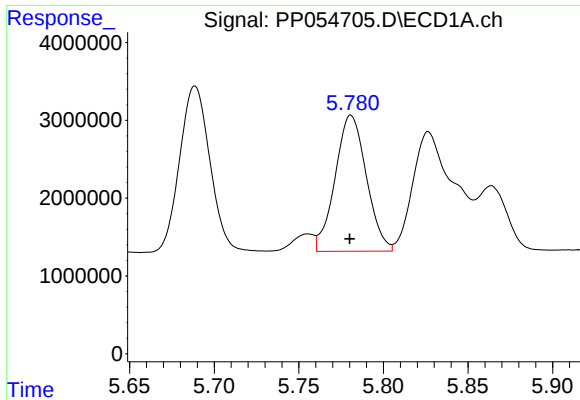
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 26581289
Conc: 1238.48 ng/ml



#14 AR-1232-4

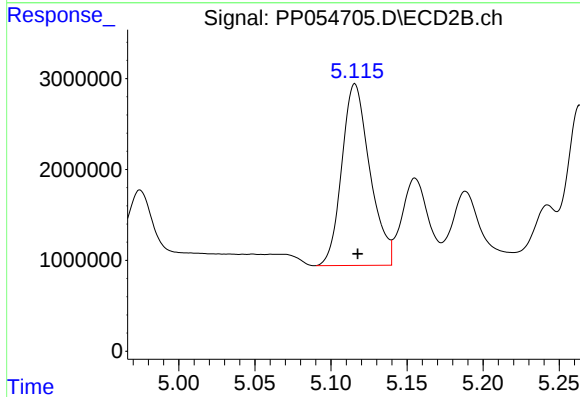
R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 21805576
Conc: 1258.74 ng/ml



#15 AR-1232-5

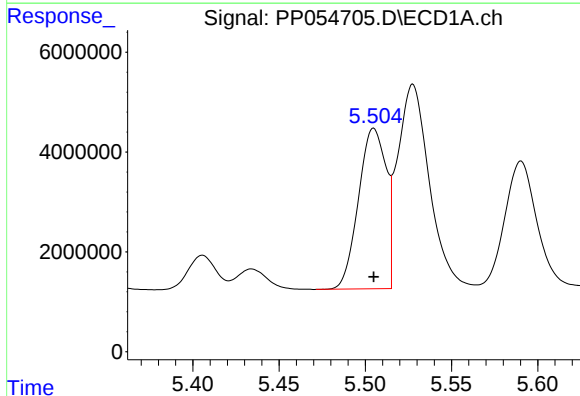
R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 22480038
Conc: 1306.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



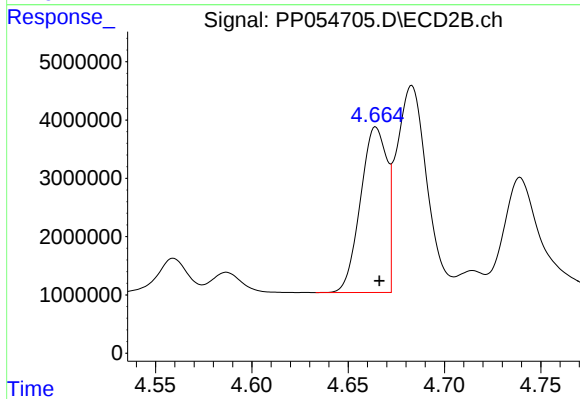
#15 AR-1232-5

R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 25644544
Conc: 1355.01 ng/ml



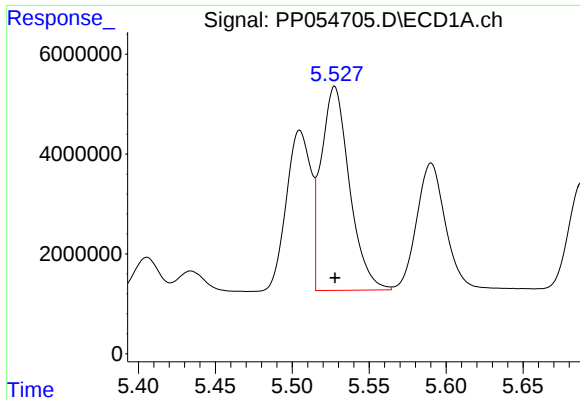
#16 AR-1242-1

R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 35807840
Conc: 662.25 ng/ml



#16 AR-1242-1

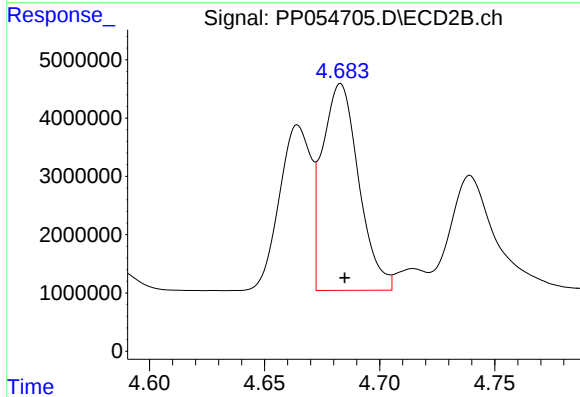
R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 27093366
Conc: 642.18 ng/ml



#17 AR-1242-2

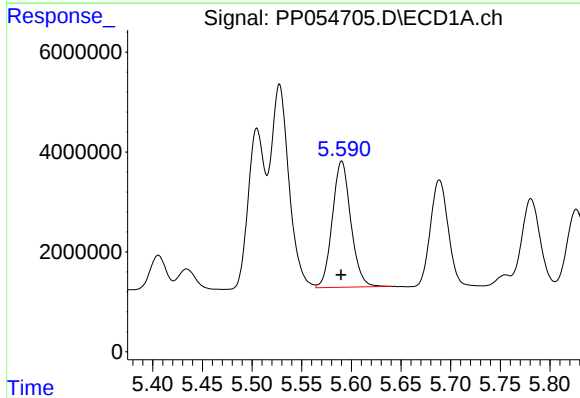
R.T.: 5.528 min
Delta R.T.: 0.000 min
Response: 52364724
Conc: 671.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



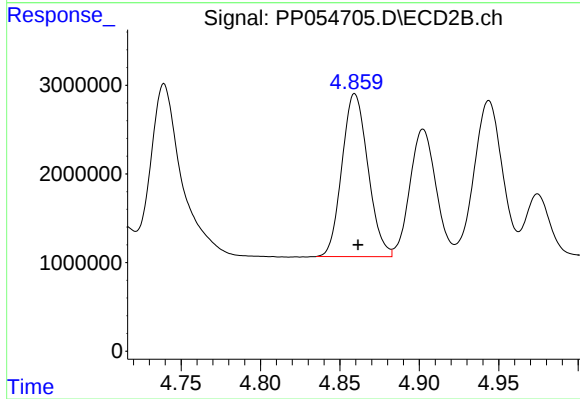
#17 AR-1242-2

R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 38990599
Conc: 664.05 ng/ml



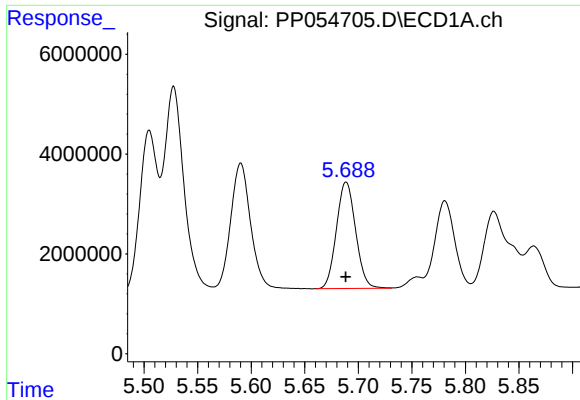
#18 AR-1242-3

R.T.: 5.590 min
Delta R.T.: 0.000 min
Response: 32756484
Conc: 666.81 ng/ml



#18 AR-1242-3

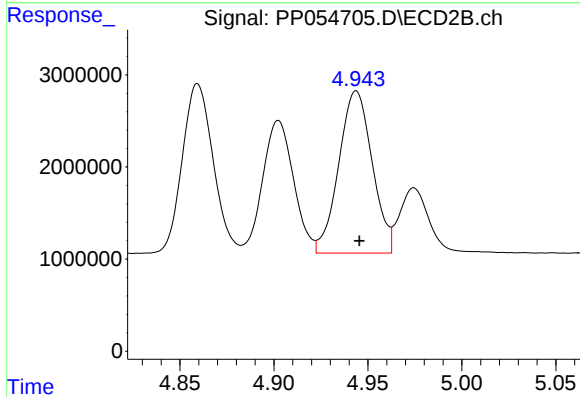
R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 20925939
Conc: 652.34 ng/ml



#19 AR-1242-4

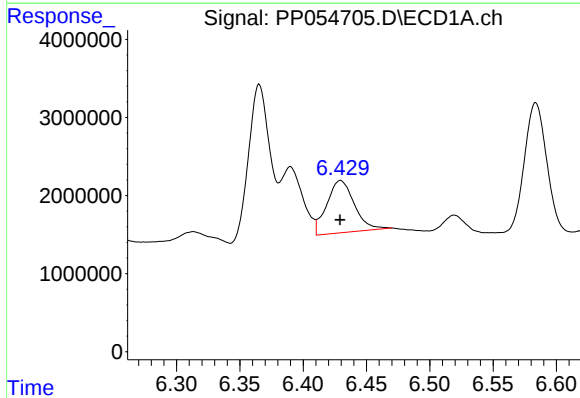
R.T.: 5.689 min
Delta R.T.: 0.000 min
Response: 26581289
Conc: 670.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



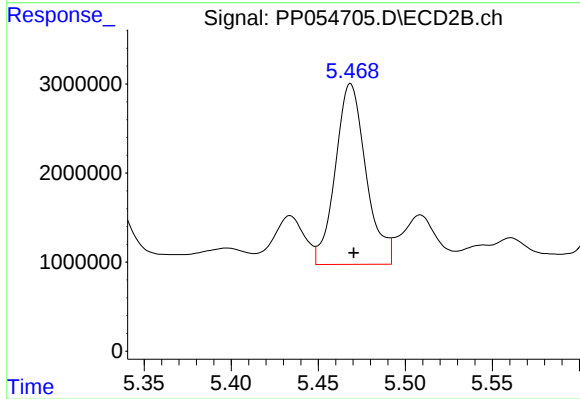
#19 AR-1242-4

R.T.: 4.944 min
Delta R.T.: -0.002 min
Response: 21805576
Conc: 621.48 ng/ml



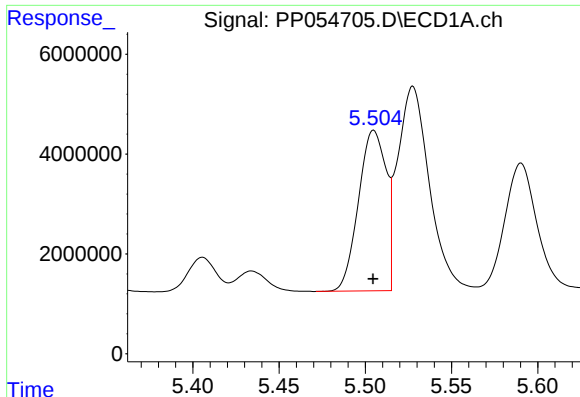
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 10199968
Conc: 282.70 ng/ml



#20 AR-1242-5

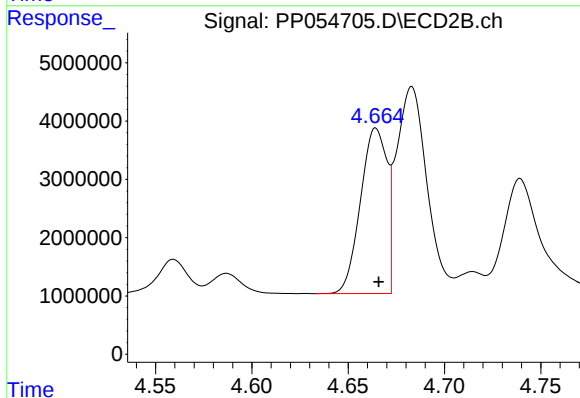
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 24902974
Conc: 655.16 ng/ml



#21 AR-1248-1

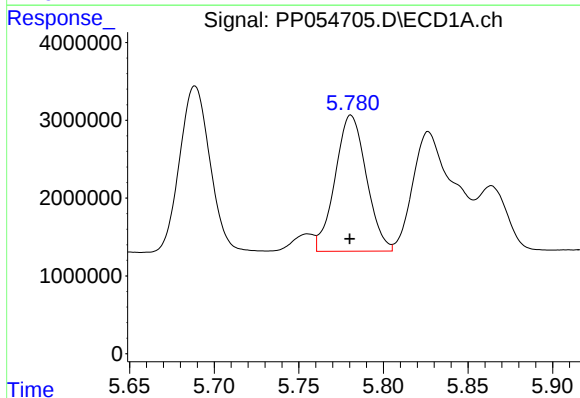
R.T.: 5.505 min
Delta R.T.: 0.000 min
Response: 35807840
Conc: 899.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



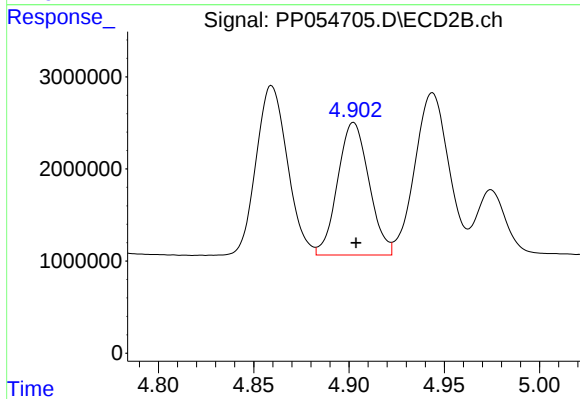
#21 AR-1248-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 27093366
Conc: 865.90 ng/ml



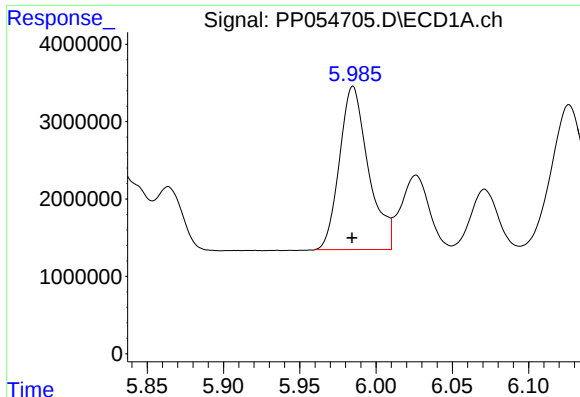
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: 0.000 min
Response: 22480038
Conc: 378.74 ng/ml



#22 AR-1248-2

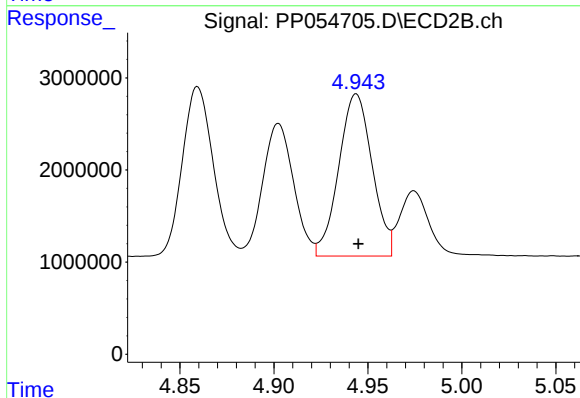
R.T.: 4.902 min
Delta R.T.: -0.001 min
Response: 16467213
Conc: 342.99 ng/ml



#23 AR-1248-3

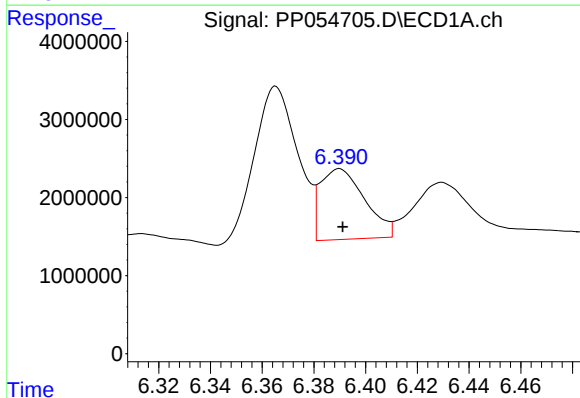
R.T.: 5.985 min
Delta R.T.: 0.000 min
Response: 27815287
Conc: 421.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



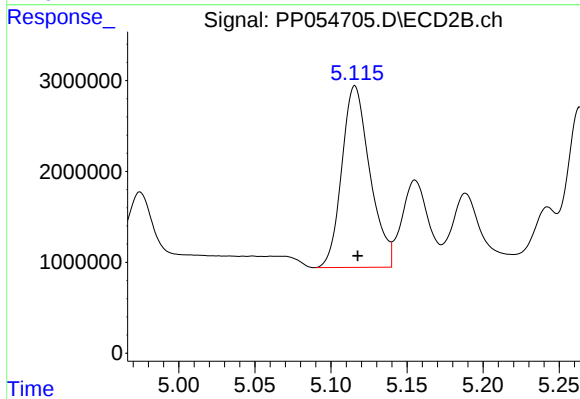
#23 AR-1248-3

R.T.: 4.944 min
Delta R.T.: -0.001 min
Response: 21805576
Conc: 429.09 ng/ml



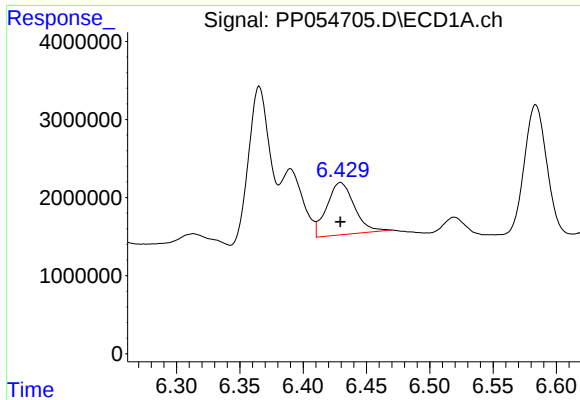
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.001 min
Response: 10768775
Conc: 161.17 ng/ml



#24 AR-1248-4

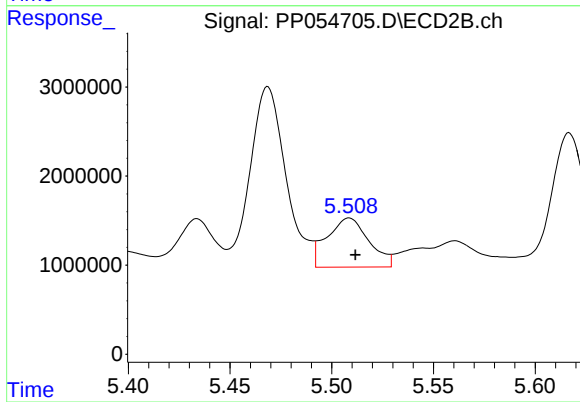
R.T.: 5.116 min
Delta R.T.: -0.002 min
Response: 25644544
Conc: 431.35 ng/ml



#25 AR-1248-5

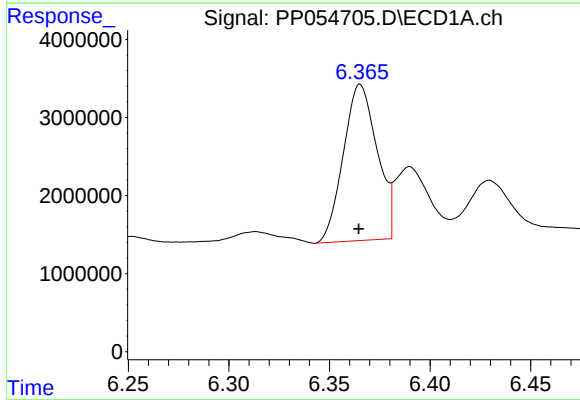
R.T.: 6.430 min
Delta R.T.: 0.000 min
Response: 10199968
Conc: 156.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



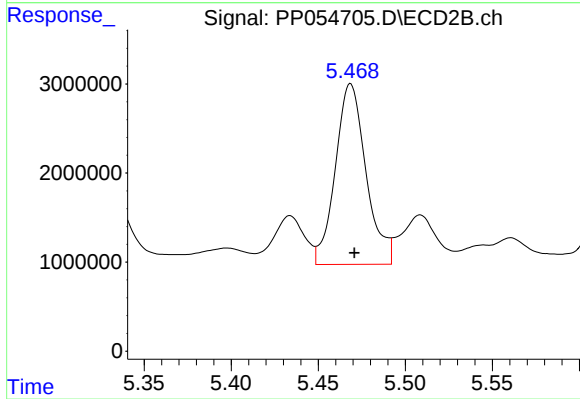
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 7903622
Conc: 155.55 ng/ml



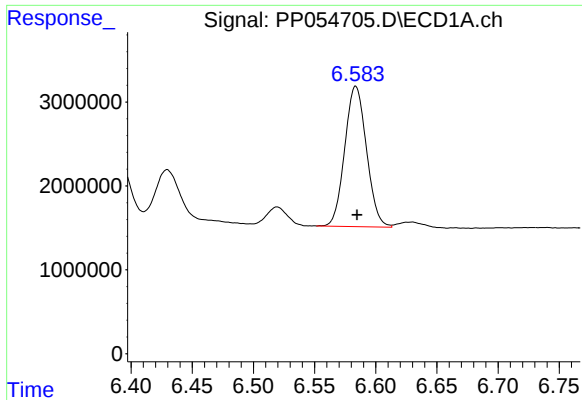
#26 AR-1254-1

R.T.: 6.365 min
Delta R.T.: 0.000 min
Response: 23337025
Conc: 330.18 ng/ml



#26 AR-1254-1

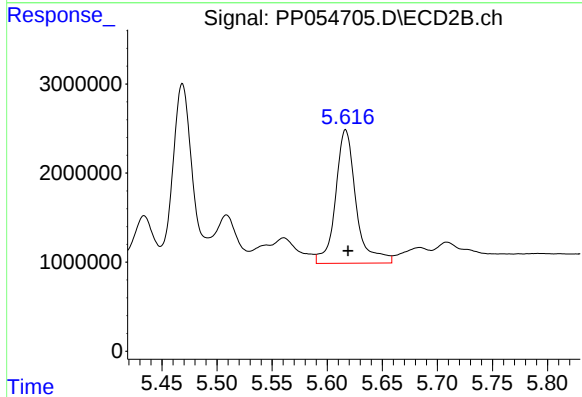
R.T.: 5.469 min
Delta R.T.: -0.002 min
Response: 24902974
Conc: 292.90 ng/ml



#27 AR-1254-2

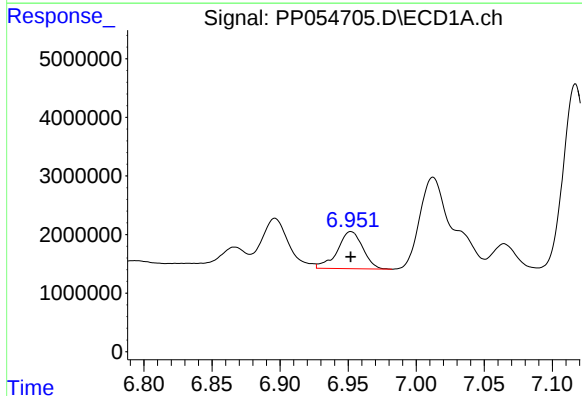
R.T.: 6.584 min
Delta R.T.: -0.001 min
Response: 20730863
Conc: 216.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



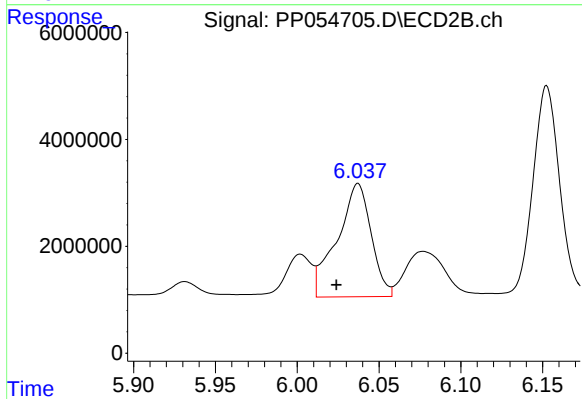
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 19435434
Conc: 267.09 ng/ml



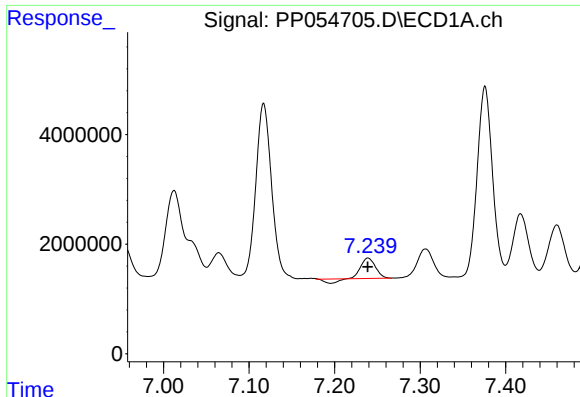
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: 0.000 min
Response: 8251145
Conc: 95.10 ng/ml



#28 AR-1254-3

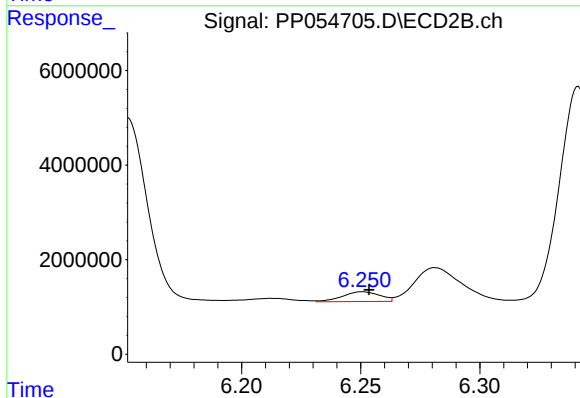
R.T.: 6.037 min
Delta R.T.: 0.013 min
Response: 30644012
Conc: 270.77 ng/ml



#29 AR-1254-4

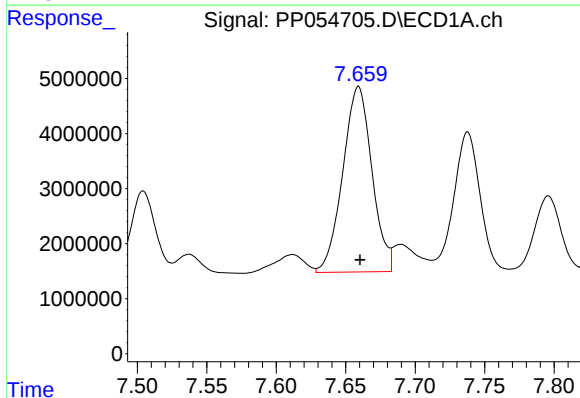
R.T.: 7.239 min
Delta R.T.: 0.000 min
Response: 3836312
Conc: 61.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



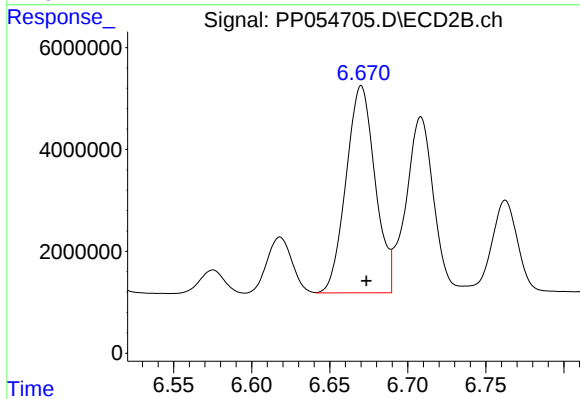
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 2259324
Conc: 36.30 ng/ml



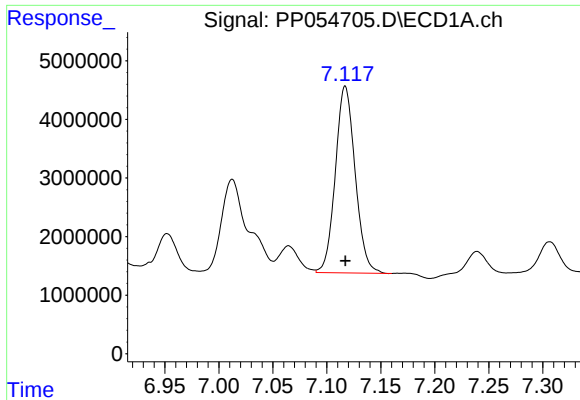
#30 AR-1254-5

R.T.: 7.659 min
Delta R.T.: -0.001 min
Response: 49270794
Conc: 704.08 ng/ml



#30 AR-1254-5

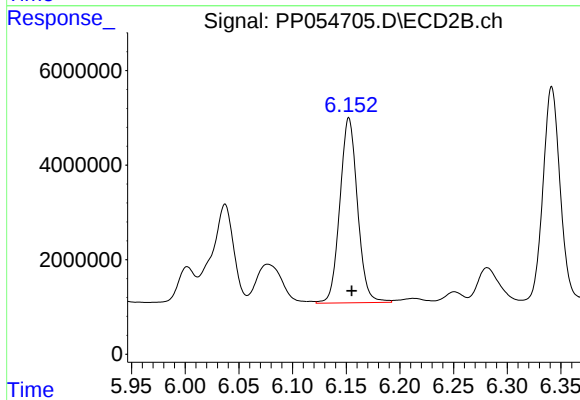
R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 52675289
Conc: 555.83 ng/ml



#31 AR-1260-1

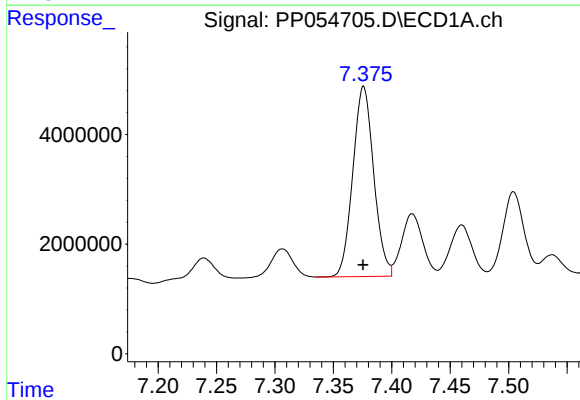
R.T.: 7.117 min
Delta R.T.: 0.000 min
Response: 40564082
Conc: 590.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



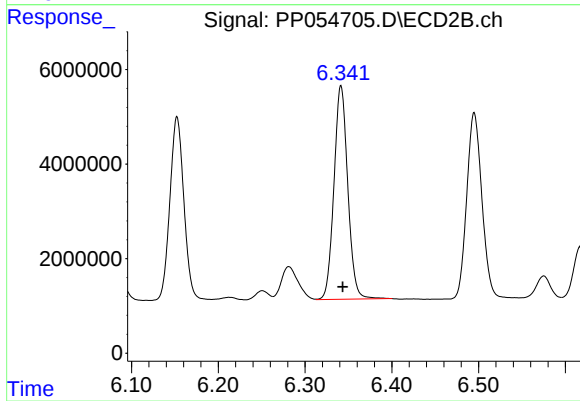
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 44791539
Conc: 539.53 ng/ml



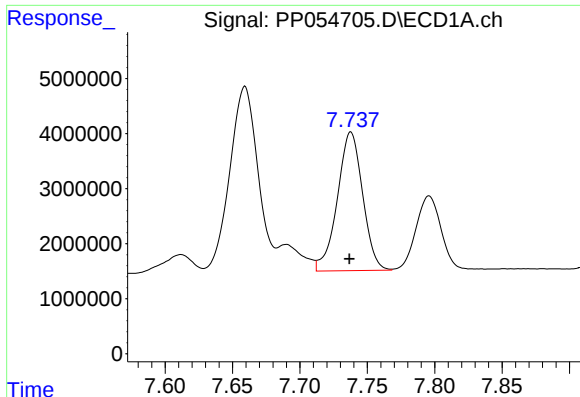
#32 AR-1260-2

R.T.: 7.376 min
Delta R.T.: 0.000 min
Response: 43195523
Conc: 540.15 ng/ml



#32 AR-1260-2

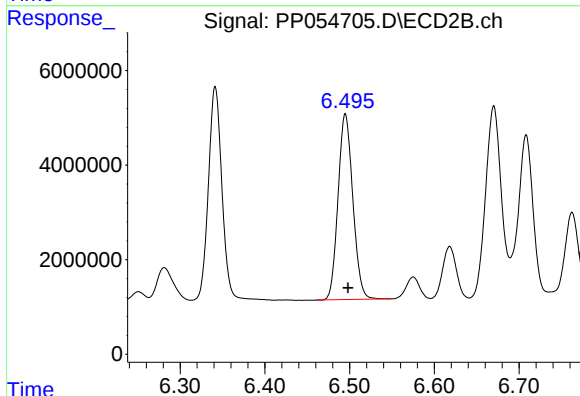
R.T.: 6.341 min
Delta R.T.: -0.002 min
Response: 50186051
Conc: 545.23 ng/ml



#33 AR-1260-3

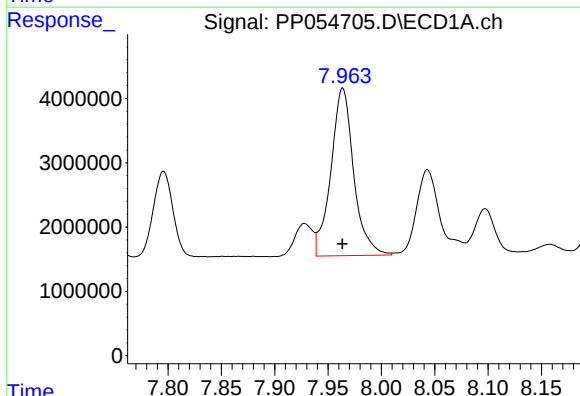
R.T.: 7.738 min
Delta R.T.: 0.001 min
Response: 32994945
Conc: 547.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



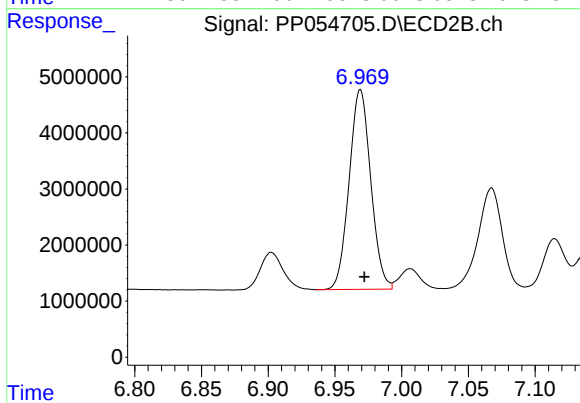
#33 AR-1260-3

R.T.: 6.495 min
Delta R.T.: -0.003 min
Response: 47648588
Conc: 530.14 ng/ml



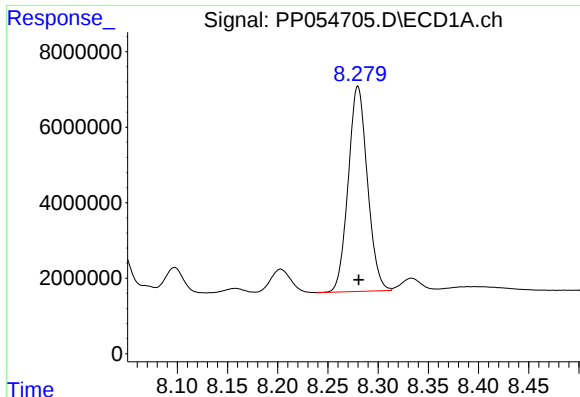
#34 AR-1260-4

R.T.: 7.964 min
Delta R.T.: 0.000 min
Response: 38759501
Conc: 553.95 ng/ml



#34 AR-1260-4

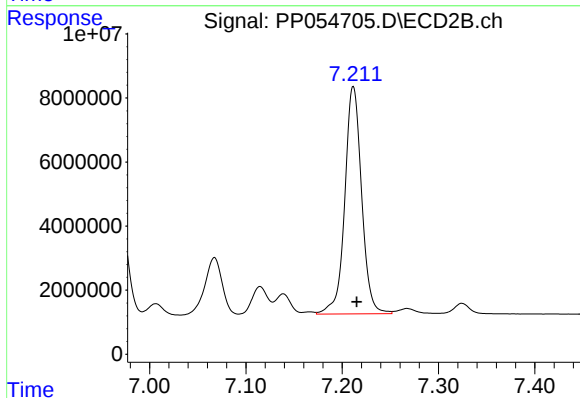
R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 40141699
Conc: 533.33 ng/ml



#35 AR-1260-5

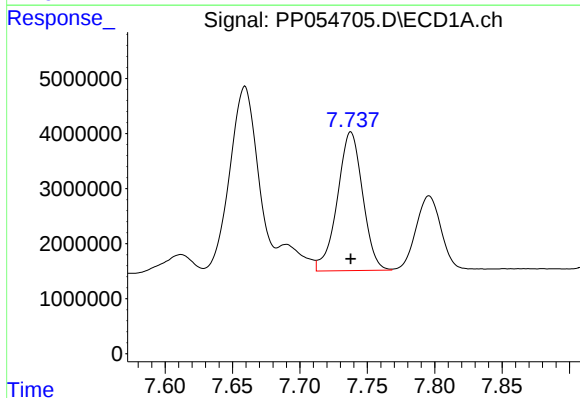
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 72316178
Conc: 555.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



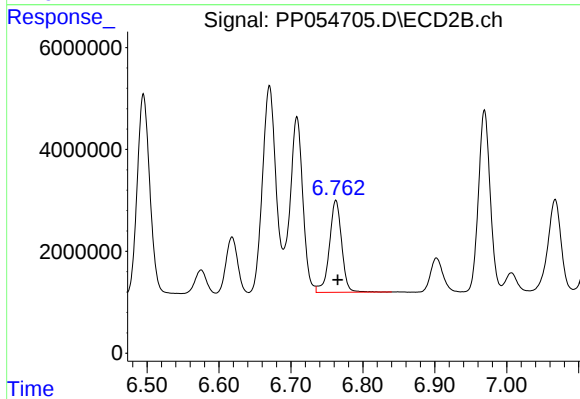
#35 AR-1260-5

R.T.: 7.212 min
Delta R.T.: -0.004 min
Response: 85852750
Conc: 540.28 ng/ml



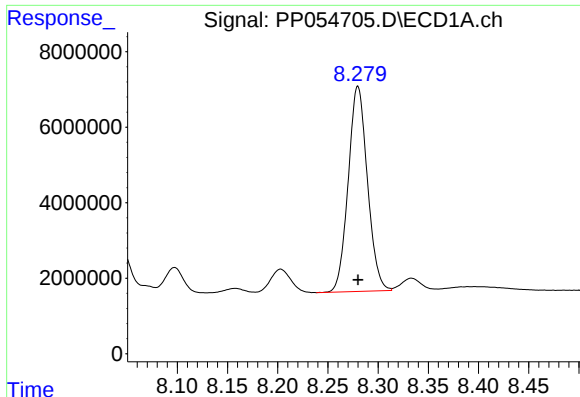
#36 AR-1262-1

R.T.: 7.738 min
Delta R.T.: 0.000 min
Response: 32994945
Conc: 403.08 ng/ml



#36 AR-1262-1

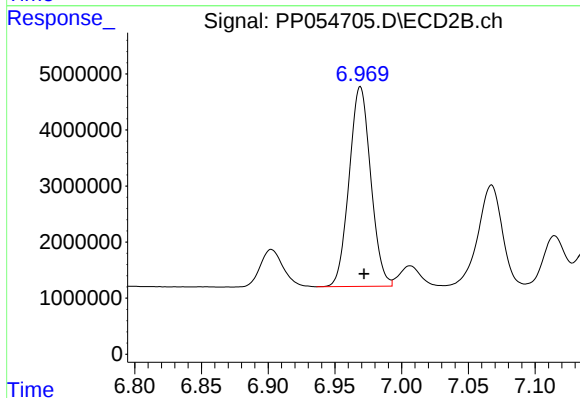
R.T.: 6.763 min
Delta R.T.: -0.003 min
Response: 21500681
Conc: 506.88 ng/ml



#37 AR-1262-2

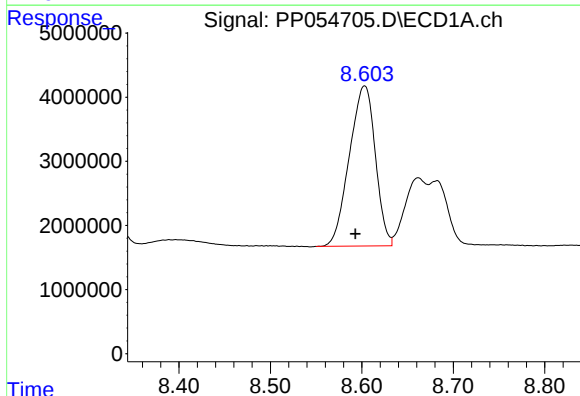
R.T.: 8.280 min
Delta R.T.: 0.000 min
Response: 72316178
Conc: 510.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



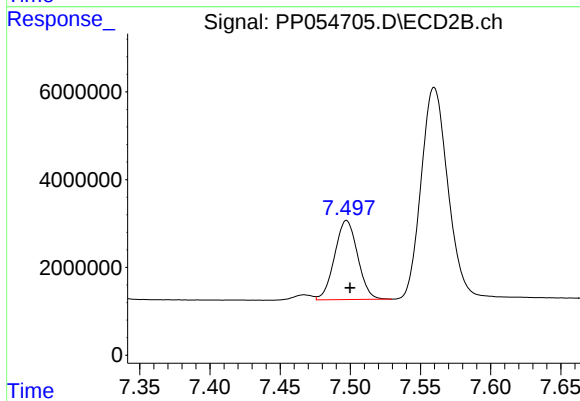
#37 AR-1262-2

R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 40141699
Conc: 436.59 ng/ml



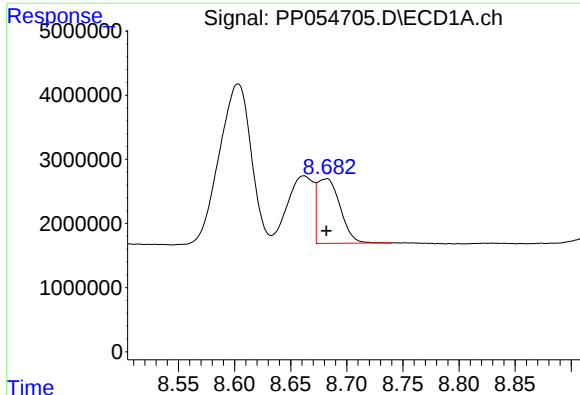
#38 AR-1262-3

R.T.: 8.603 min
Delta R.T.: 0.010 min
Response: 49284943
Conc: 478.05 ng/ml



#38 AR-1262-3

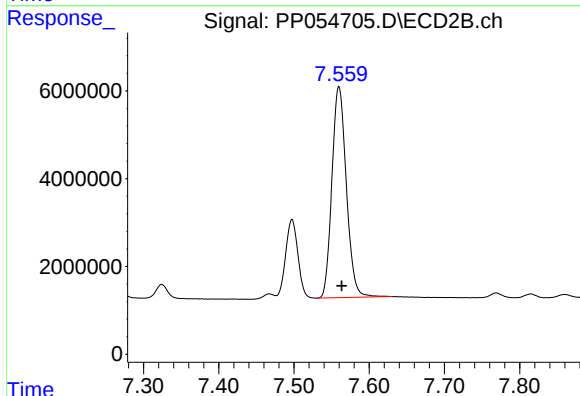
R.T.: 7.497 min
Delta R.T.: -0.002 min
Response: 20569892
Conc: 286.32 ng/ml



#39 AR-1262-4

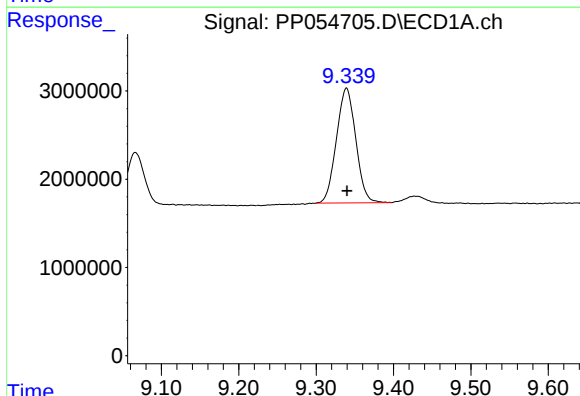
R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 14201620
Conc: 285.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



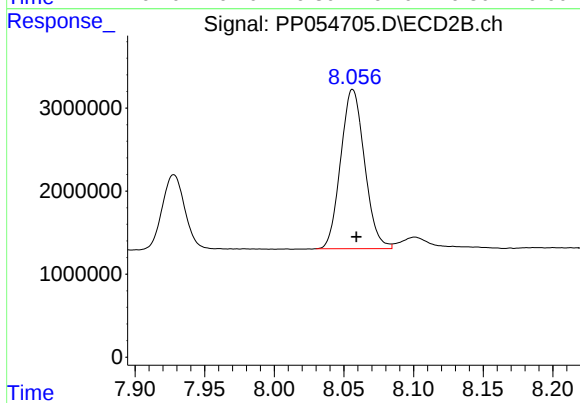
#39 AR-1262-4

R.T.: 7.560 min
Delta R.T.: -0.004 min
Response: 64063624
Conc: 495.41 ng/ml



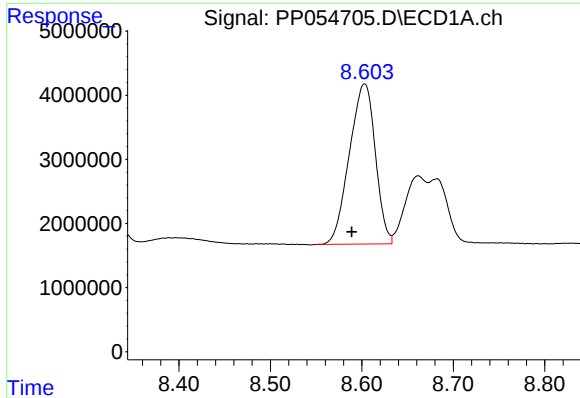
#40 AR-1262-5

R.T.: 9.339 min
Delta R.T.: 0.000 min
Response: 22656178
Conc: 397.78 ng/ml



#40 AR-1262-5

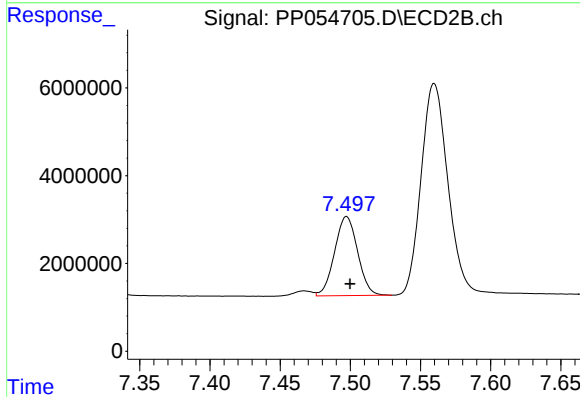
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 22874157
Conc: 383.93 ng/ml



#41 AR-1268-1

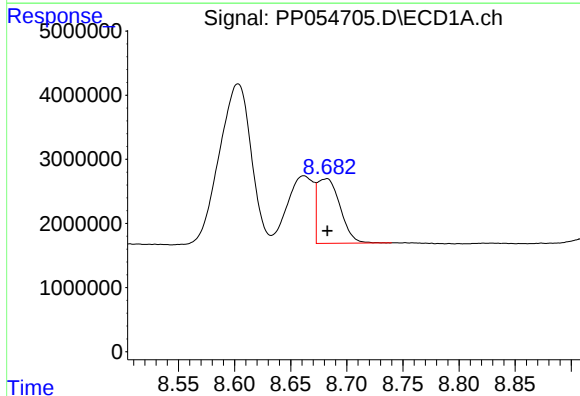
R.T.: 8.603 min
Delta R.T.: 0.014 min
Response: 49284943
Conc: 267.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



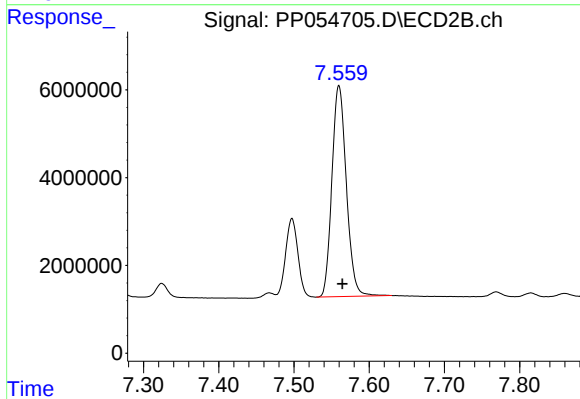
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 20569892
Conc: 95.14 ng/ml



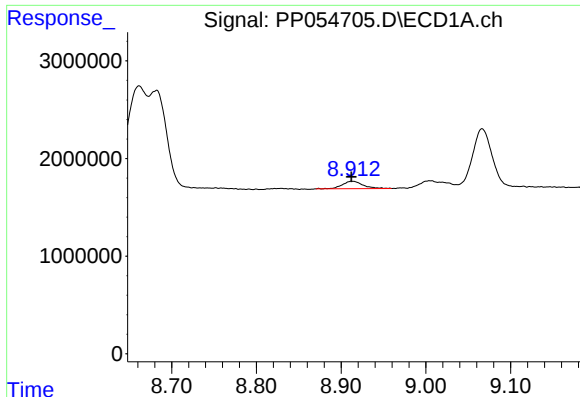
#42 AR-1268-2

R.T.: 8.682 min
Delta R.T.: 0.000 min
Response: 14201620
Conc: 83.79 ng/ml



#42 AR-1268-2

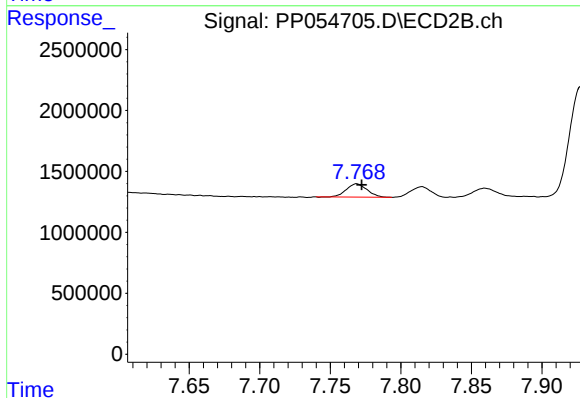
R.T.: 7.560 min
Delta R.T.: -0.005 min
Response: 64063624
Conc: 327.05 ng/ml



#43 AR-1268-3

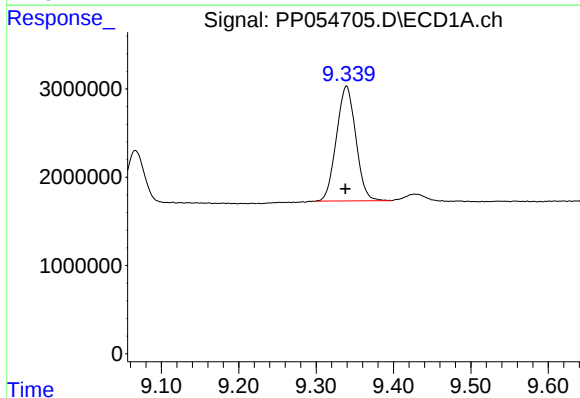
R.T.: 8.913 min
Delta R.T.: 0.000 min
Response: 1283171
Conc: 8.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



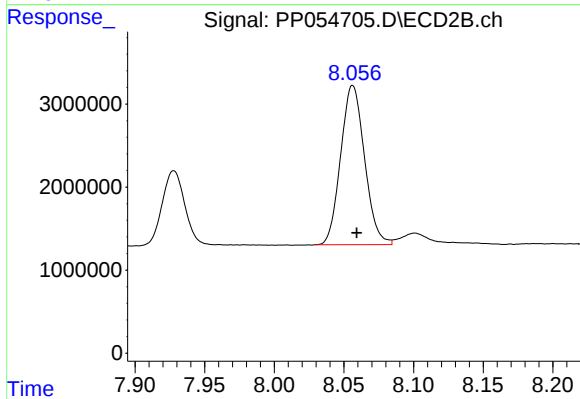
#43 AR-1268-3

R.T.: 7.769 min
Delta R.T.: -0.004 min
Response: 1118225
Conc: 6.32 ng/ml



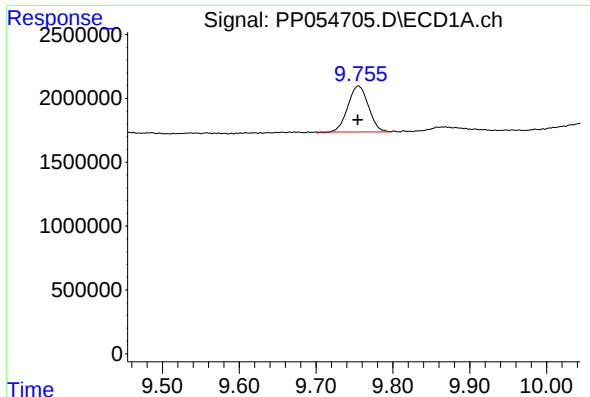
#44 AR-1268-4

R.T.: 9.339 min
Delta R.T.: 0.001 min
Response: 22656178
Conc: 350.96 ng/ml



#44 AR-1268-4

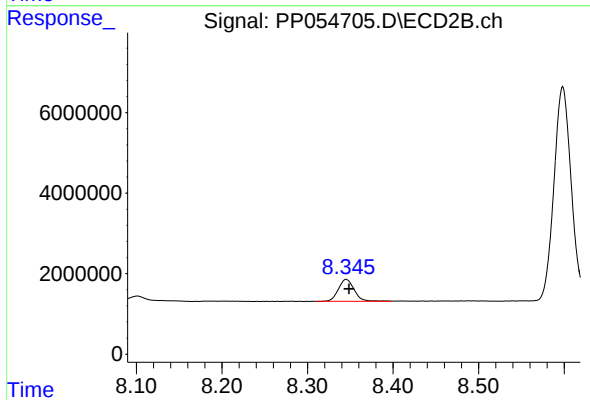
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 22874157
Conc: 338.18 ng/ml



#45 AR-1268-5

R.T.: 9.755 min
Delta R.T.: 0.000 min
Response: 6660119
Conc: 13.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.003 min
Response: 7012490
Conc: 13.63 ng/ml