

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061022\
 Data File : PP048638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2022 14:29
 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: Jun 09 14:54:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 2022
 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...	4.037	3.201	117.9E6	101.5E6	49.187	53.331
2)	SA Decachlor...	10.387	8.616	95171620	62486402	49.932	51.027
Target Compounds							
3)	L1 AR-1016-1	5.325	4.359	40849992	35769769	474.800	516.315
4)	L1 AR-1016-2	5.349	4.379	59946539	48598768	492.374	512.386
5)	L1 AR-1016-3	5.415	4.565	36569913	27283952	482.487	524.572
6)	L1 AR-1016-4	5.525	4.613	30433781	21129603	483.806	524.933
7)	L1 AR-1016-5	5.849	4.839	29956591	27058360	485.242	530.572
8)	L2 AR-1221-1	4.268	3.432	3768111	3830866	135.447	163.157
9)	L2 AR-1221-2	4.367	3.522	5756042	5505269	283.170	307.062
10)	L2 AR-1221-3	4.451	3.604	21792683	19702520	343.512	376.280
11)	L3 AR-1232-1	4.451	3.604	21792683	19702520	372.577	406.864
12)	L3 AR-1232-2	5.028	4.379	31039448	48598768	1042.867	1086.791
13)	L3 AR-1232-3	5.349	4.565	59946539	27283952	1076.656	1111.384
14)	L3 AR-1232-4	5.525	4.657	30433781	25912546	1064.192	1211.147
15)	L3 AR-1232-5	5.625	4.839	24881197	27058360	1189.573	1130.878
16)	L4 AR-1242-1	5.325	4.359	40849992	35769769	605.085	642.913
17)	L4 AR-1242-2	5.349	4.379	59946539	48598768	616.851	640.122
18)	L4 AR-1242-3	5.415	4.565	36569913	27283952	603.211	646.364
19)	L4 AR-1242-4	5.525	4.657	30433781	25912546	598.297	643.915
20)	L4 AR-1242-5	6.340	5.219	4546139	20264217	85.135	410.270 #
21)	L5 AR-1248-1	5.325	4.359	40849992	35769769	793.157	846.575
22)	L5 AR-1248-2	5.625	4.613	24881197	21129603	330.884	373.520
23)	L5 AR-1248-3	5.849	4.657	29956591	25912546	358.324	434.028
24)	L5 AR-1248-4	6.298	4.839	5300363	27058360	58.326	387.743 #
25)	L5 AR-1248-5	6.340	5.263	4546139	3594165	51.347	52.525
26)	L6 AR-1254-1	6.266	5.219	21479095	20264217	230.959	200.458
27)	L6 AR-1254-2	6.507	5.380	23007462	18947240	165.867	215.182 #
28)	L6 AR-1254-3	6.916	5.833	13778106	33891078	96.905	243.806 #
29)	L6 AR-1254-4	7.234	6.065	8542077	4745488	80.159	54.724 #
30)	L6 AR-1254-5	7.699	6.519	72356527	58528496	609.515	477.217
31)	L7 AR-1260-1	7.095	5.957	50999836	43941220	489.461	520.747
32)	L7 AR-1260-2	7.383	6.163	60038388	52819245	493.062	515.666
33)	L7 AR-1260-3	7.780	6.328	43045490	48808997	508.452	503.643
34)	L7 AR-1260-4	8.032	6.844	52479856	37088500	507.237	524.015
35)	L7 AR-1260-5	8.394	7.110	97623331	84199141	498.695	524.305
36)	L8 AR-1262-1	7.780	6.562	43045490	40098793	319.769	355.651
37)	L8 AR-1262-2	8.394	6.844	97623331	37088500	416.758	370.158
38)	L8 AR-1262-3	8.761f	7.420	62869789	18382698	641.203	244.728 #
39)	L8 AR-1262-4	8.820f	7.489	37169268	61231680	593.104	439.707 #
40)	L8 AR-1262-5	9.570	8.031	26339585	20311986	316.358	320.340
41)	L9 AR-1268-1	8.761f	7.420	62869789	18382698	225.600	86.914 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP061022\
 Data File : PP048638.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Jun 2022 14:29
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

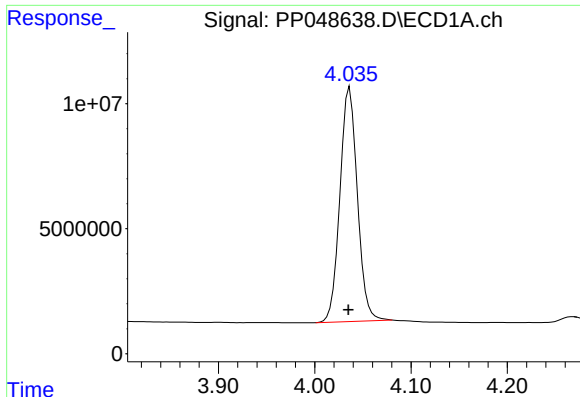
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 09 14:54:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP060722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jun 07 11:09:40 2022
 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	8.820f	7.489	37169268	61231680	143.448	318.419 #
43) L9	AR-1268-3	9.090	7.717	1745723	1428725	7.814	8.883
44) L9	AR-1268-4	9.570	8.031	26339585	20311986	276.058	281.554
45) L9	AR-1268-5	10.020	8.344	8333325	6429136	11.416	13.800

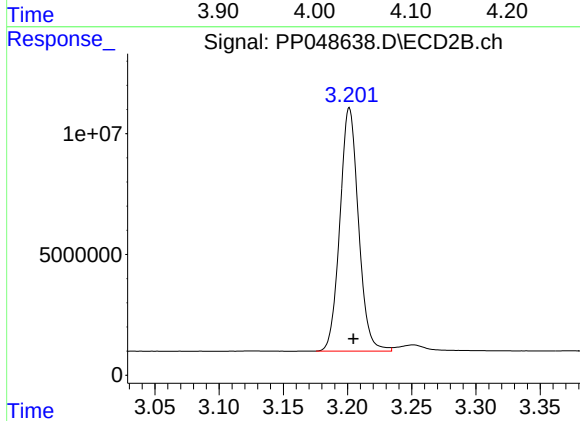
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

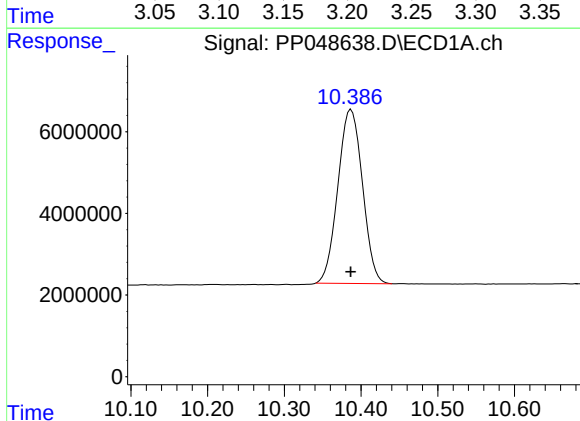
R.T.: 4.037 min
Delta R.T.: 0.002 min
Response: 117860929
Conc: 49.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



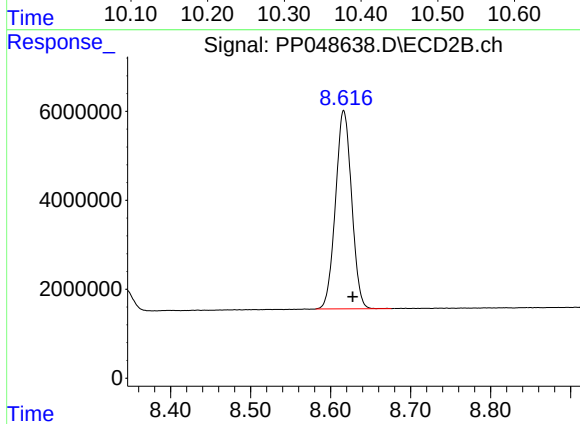
#1 Tetrachloro-m-xylene

R.T.: 3.201 min
Delta R.T.: -0.003 min
Response: 101507499
Conc: 53.33 ng/ml



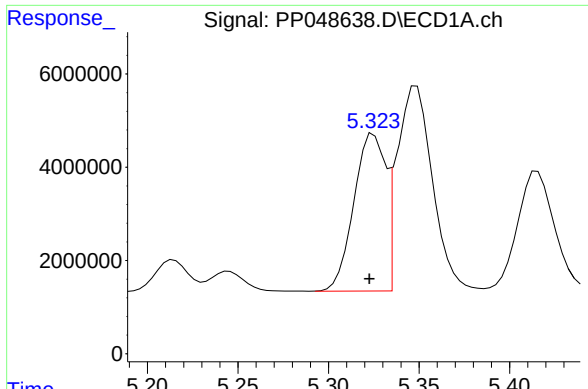
#2 Decachlorobiphenyl

R.T.: 10.387 min
Delta R.T.: 0.000 min
Response: 95171620
Conc: 49.93 ng/ml



#2 Decachlorobiphenyl

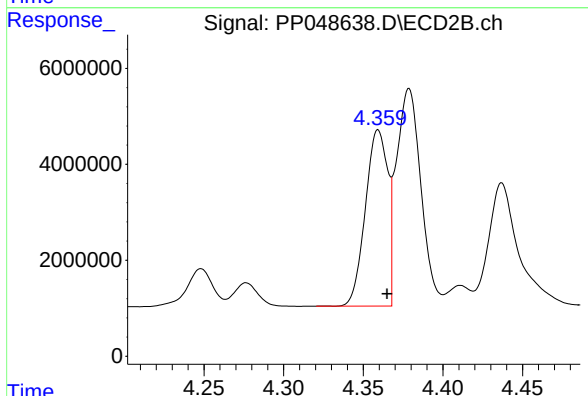
R.T.: 8.616 min
Delta R.T.: -0.011 min
Response: 62486402
Conc: 51.03 ng/ml



#3 AR-1016-1

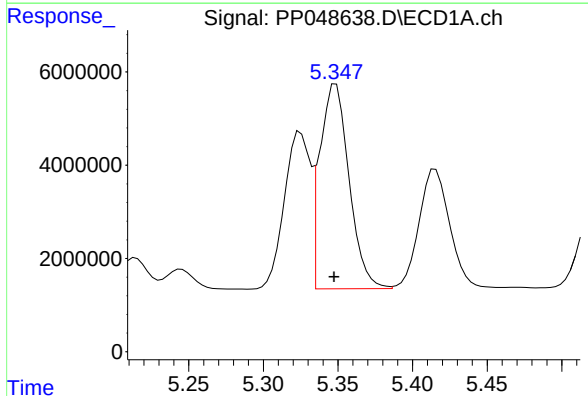
R.T.: 5.325 min
Delta R.T.: 0.002 min
Response: 40849992
Conc: 474.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



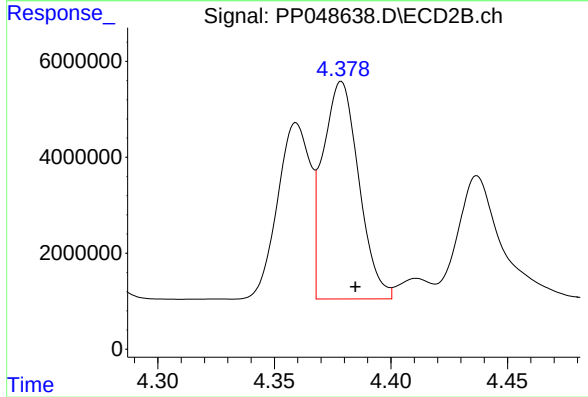
#3 AR-1016-1

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 35769769
Conc: 516.31 ng/ml



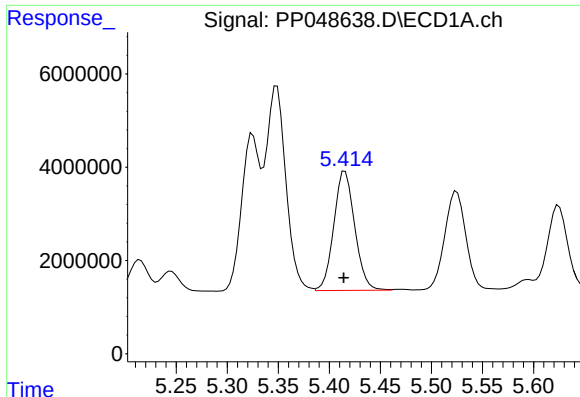
#4 AR-1016-2

R.T.: 5.349 min
Delta R.T.: 0.001 min
Response: 59946539
Conc: 492.37 ng/ml



#4 AR-1016-2

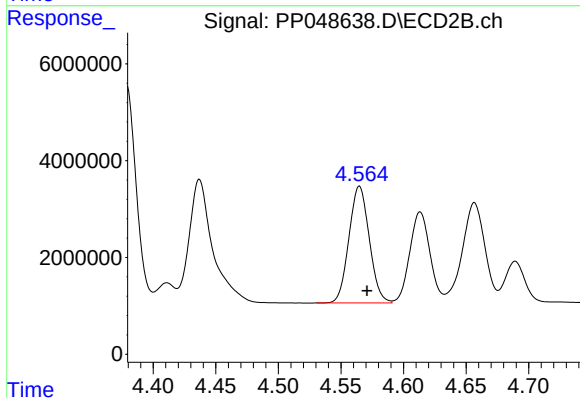
R.T.: 4.379 min
Delta R.T.: -0.006 min
Response: 48598768
Conc: 512.39 ng/ml



#5 AR-1016-3

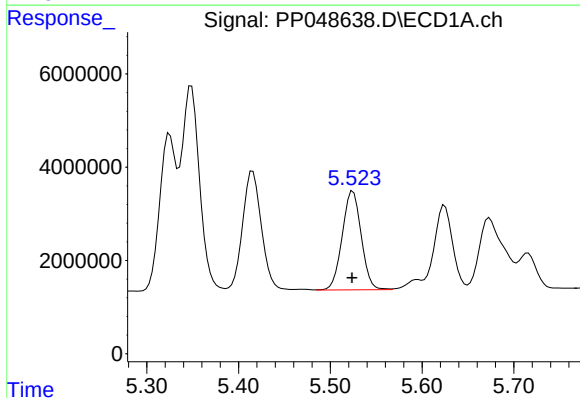
R.T.: 5.415 min
Delta R.T.: 0.001 min
Response: 36569913
Conc: 482.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



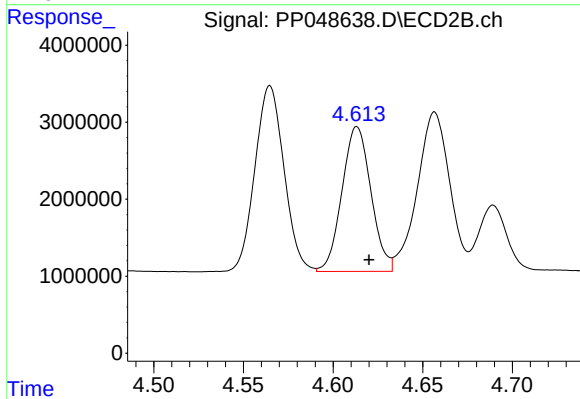
#5 AR-1016-3

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 27283952
Conc: 524.57 ng/ml



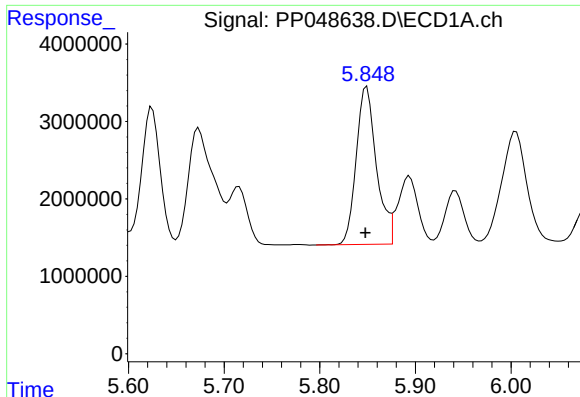
#6 AR-1016-4

R.T.: 5.525 min
Delta R.T.: 0.001 min
Response: 30433781
Conc: 483.81 ng/ml



#6 AR-1016-4

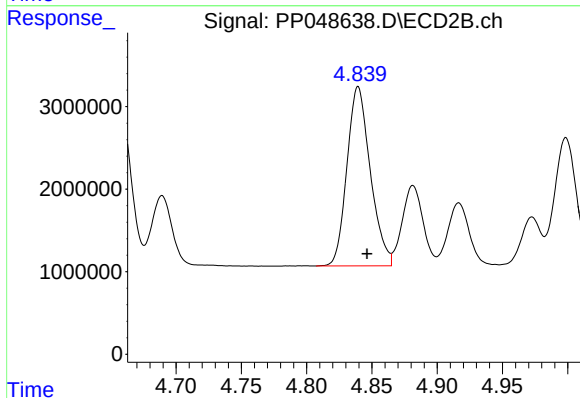
R.T.: 4.613 min
Delta R.T.: -0.007 min
Response: 21129603
Conc: 524.93 ng/ml



#7 AR-1016-5

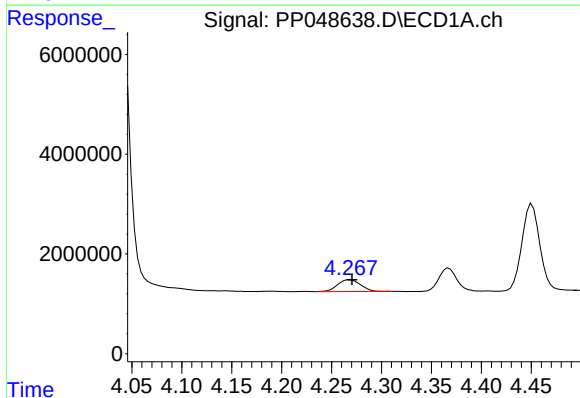
R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 29956591
Conc: 485.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



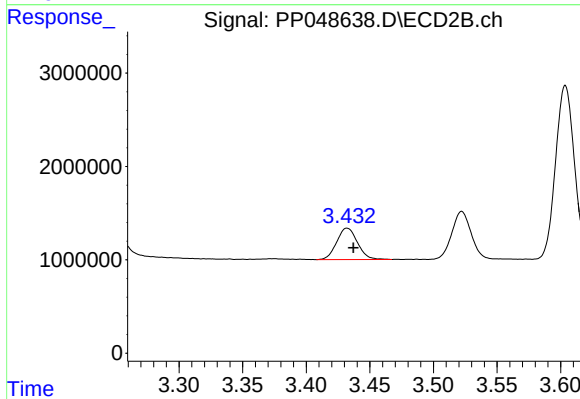
#7 AR-1016-5

R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 27058360
Conc: 530.57 ng/ml



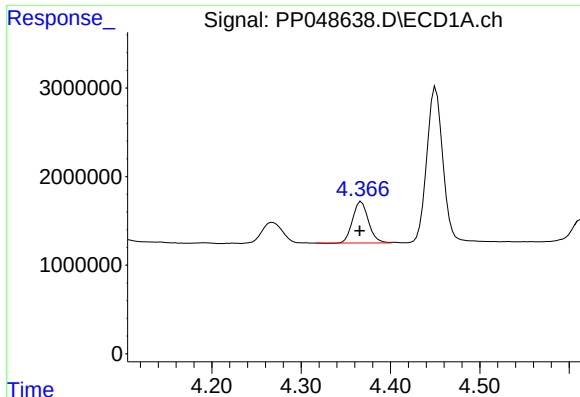
#8 AR-1221-1

R.T.: 4.268 min
Delta R.T.: -0.002 min
Response: 3768111
Conc: 135.45 ng/ml



#8 AR-1221-1

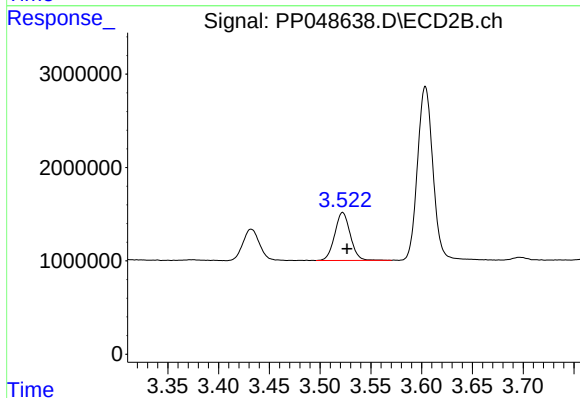
R.T.: 3.432 min
Delta R.T.: -0.005 min
Response: 3830866
Conc: 163.16 ng/ml



#9 AR-1221-2

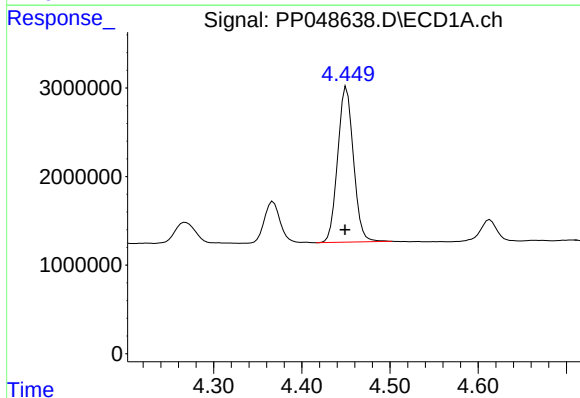
R.T.: 4.367 min
Delta R.T.: 0.002 min
Response: 5756042
Conc: 283.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



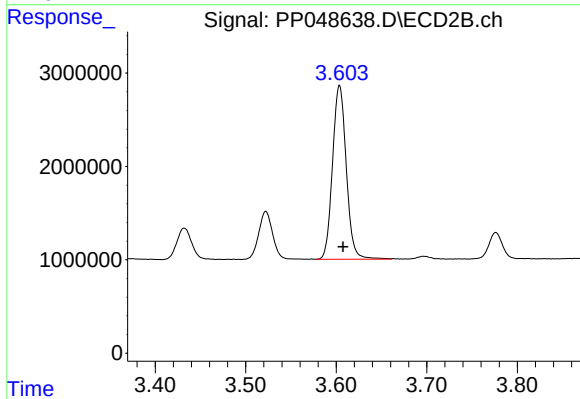
#9 AR-1221-2

R.T.: 3.522 min
Delta R.T.: -0.004 min
Response: 5505269
Conc: 307.06 ng/ml



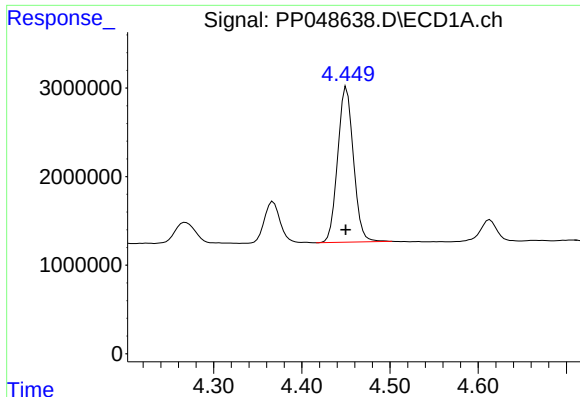
#10 AR-1221-3

R.T.: 4.451 min
Delta R.T.: 0.002 min
Response: 21792683
Conc: 343.51 ng/ml



#10 AR-1221-3

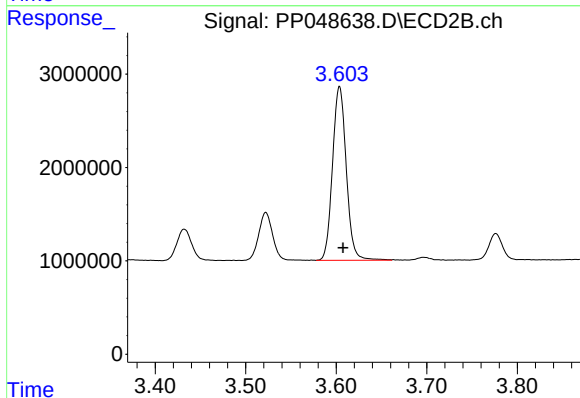
R.T.: 3.604 min
Delta R.T.: -0.004 min
Response: 19702520
Conc: 376.28 ng/ml



#11 AR-1232-1

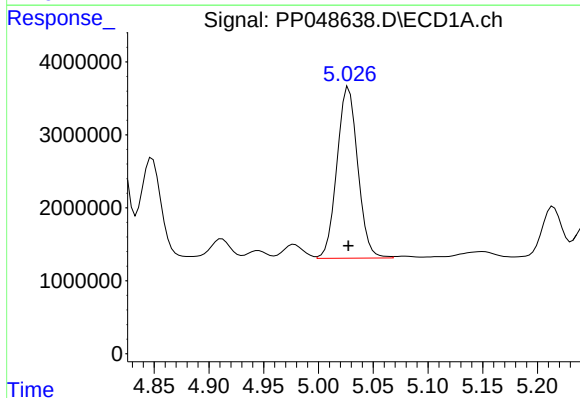
R.T.: 4.451 min
Delta R.T.: 0.000 min
Response: 21792683
Conc: 372.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



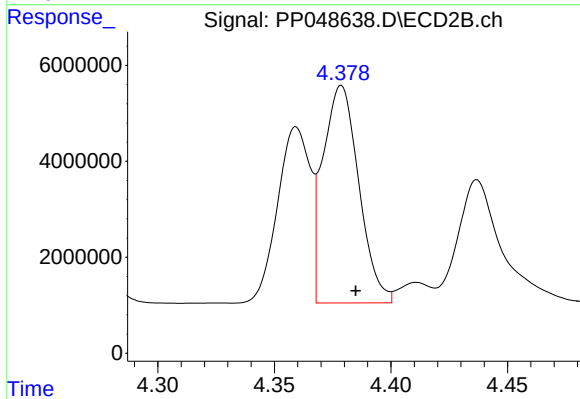
#11 AR-1232-1

R.T.: 3.604 min
Delta R.T.: -0.004 min
Response: 19702520
Conc: 406.86 ng/ml



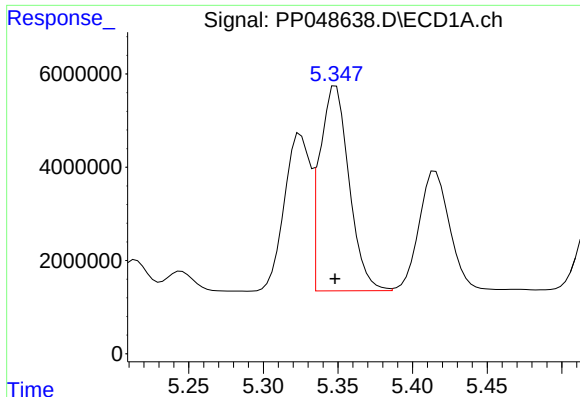
#12 AR-1232-2

R.T.: 5.028 min
Delta R.T.: 0.000 min
Response: 31039448
Conc: 1042.87 ng/ml



#12 AR-1232-2

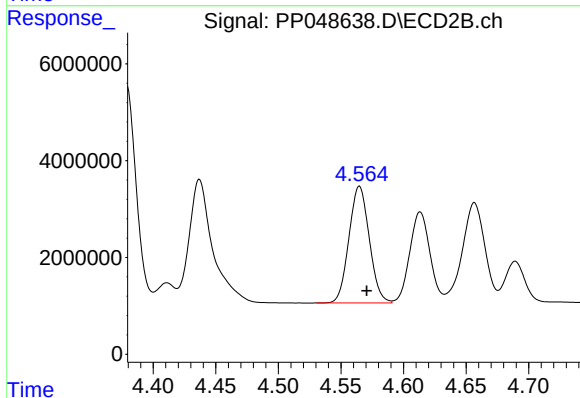
R.T.: 4.379 min
Delta R.T.: -0.006 min
Response: 48598768
Conc: 1086.79 ng/ml



#13 AR-1232-3

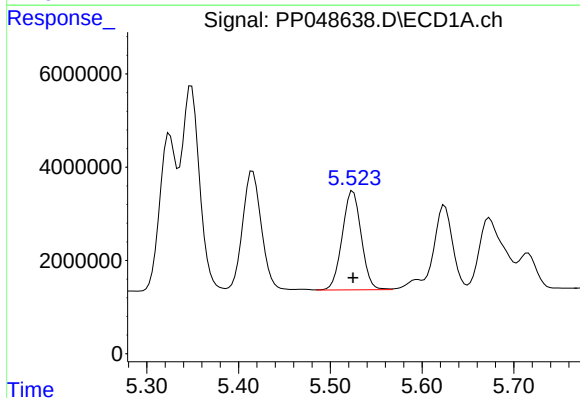
R.T.: 5.349 min
Delta R.T.: 0.000 min
Response: 59946539
Conc: 1076.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



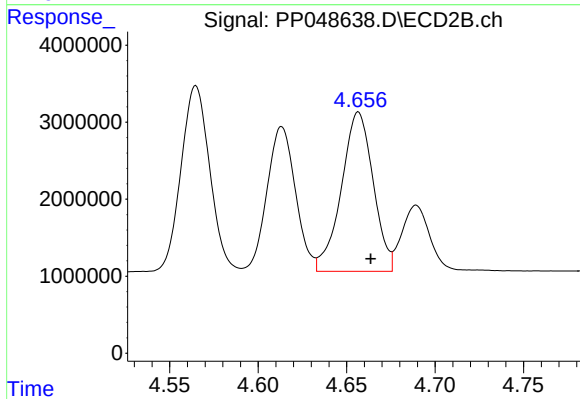
#13 AR-1232-3

R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 27283952
Conc: 1111.38 ng/ml



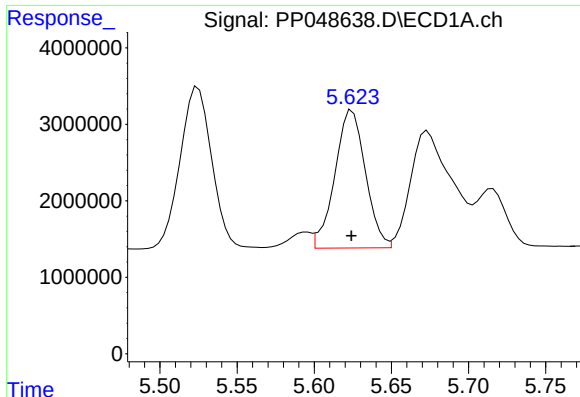
#14 AR-1232-4

R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 30433781
Conc: 1064.19 ng/ml



#14 AR-1232-4

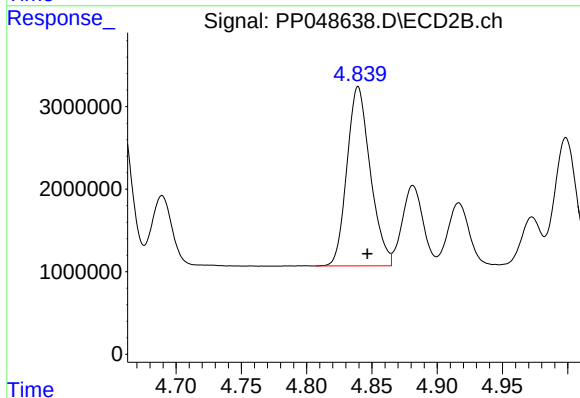
R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 25912546
Conc: 1211.15 ng/ml



#15 AR-1232-5

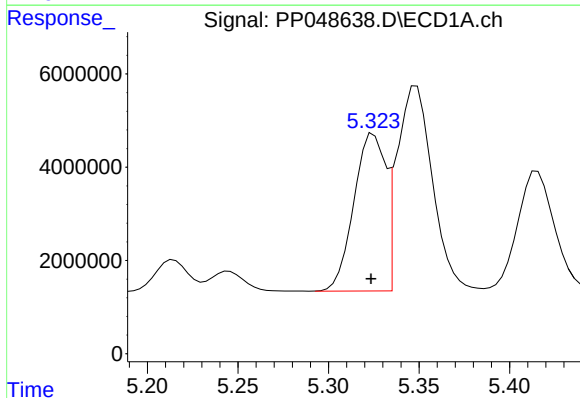
R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 24881197
Conc: 1189.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



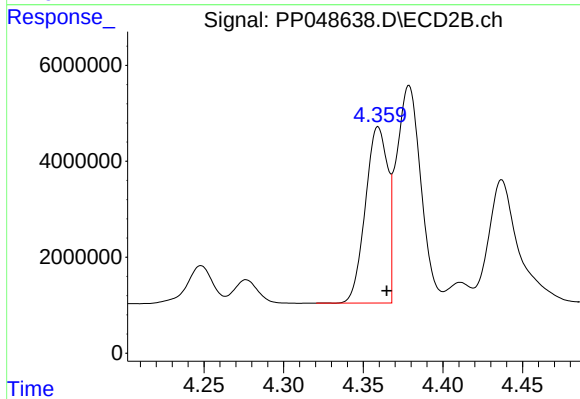
#15 AR-1232-5

R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 27058360
Conc: 1130.88 ng/ml



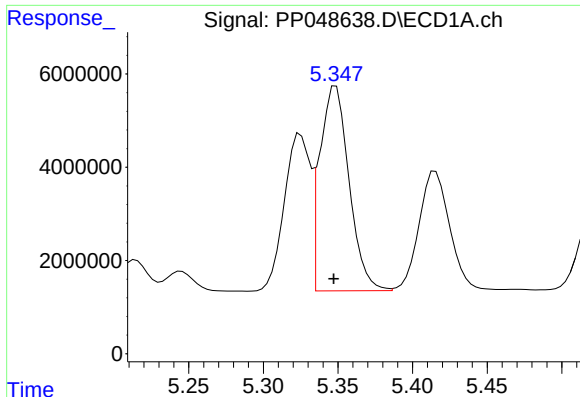
#16 AR-1242-1

R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 40849992
Conc: 605.09 ng/ml



#16 AR-1242-1

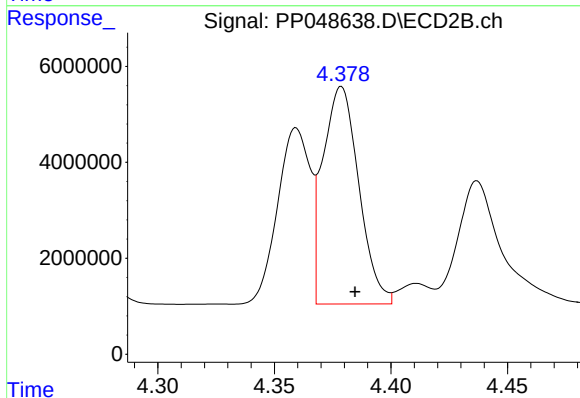
R.T.: 4.359 min
Delta R.T.: -0.005 min
Response: 35769769
Conc: 642.91 ng/ml



#17 AR-1242-2

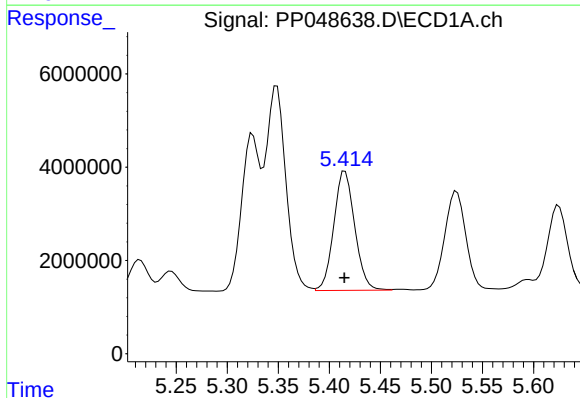
R.T.: 5.349 min
Delta R.T.: 0.001 min
Response: 59946539
Conc: 616.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



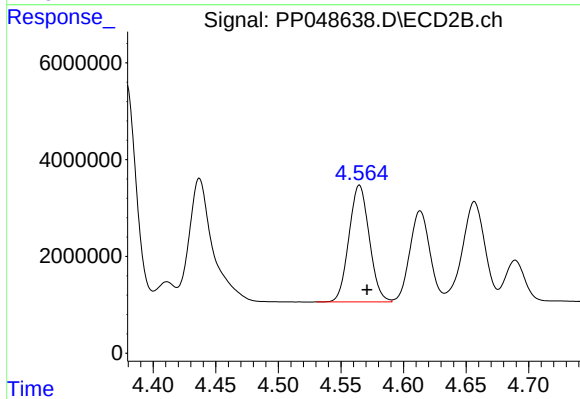
#17 AR-1242-2

R.T.: 4.379 min
Delta R.T.: -0.006 min
Response: 48598768
Conc: 640.12 ng/ml



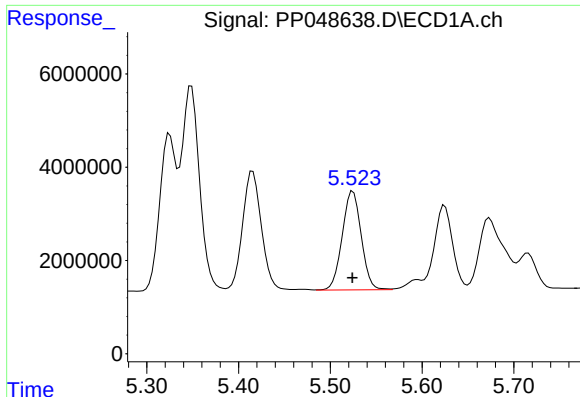
#18 AR-1242-3

R.T.: 5.415 min
Delta R.T.: 0.000 min
Response: 36569913
Conc: 603.21 ng/ml



#18 AR-1242-3

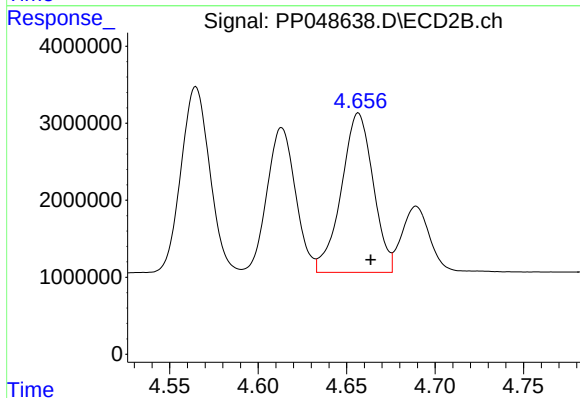
R.T.: 4.565 min
Delta R.T.: -0.006 min
Response: 27283952
Conc: 646.36 ng/ml



#19 AR-1242-4

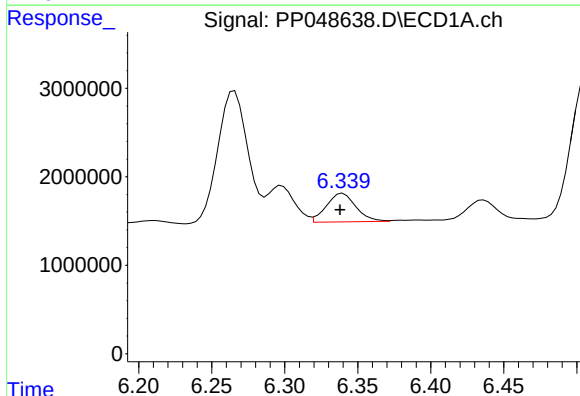
R.T.: 5.525 min
Delta R.T.: 0.000 min
Response: 30433781
Conc: 598.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



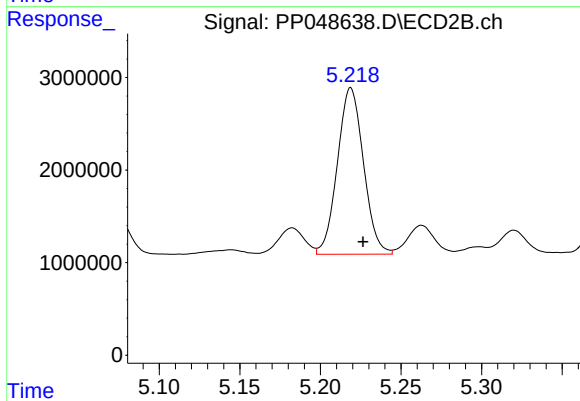
#19 AR-1242-4

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 25912546
Conc: 643.91 ng/ml



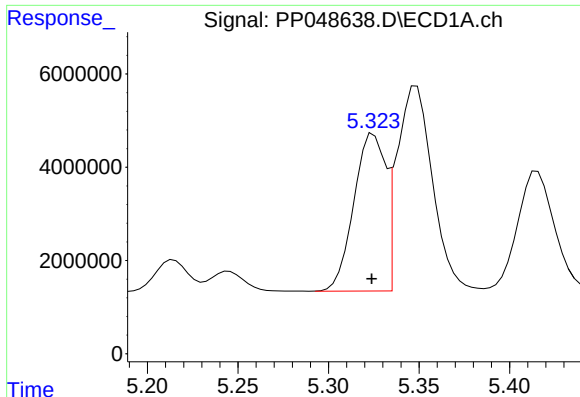
#20 AR-1242-5

R.T.: 6.340 min
Delta R.T.: 0.002 min
Response: 4546139
Conc: 85.13 ng/ml



#20 AR-1242-5

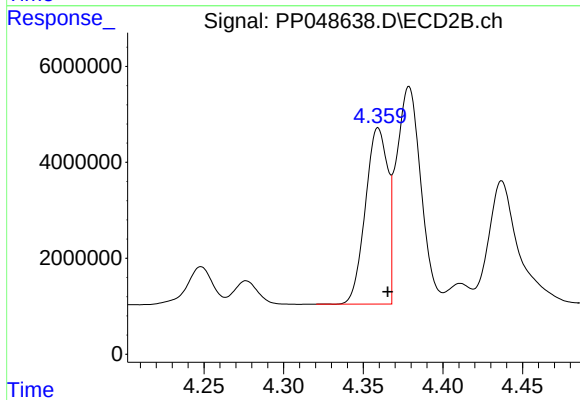
R.T.: 5.219 min
Delta R.T.: -0.008 min
Response: 20264217
Conc: 410.27 ng/ml



#21 AR-1248-1

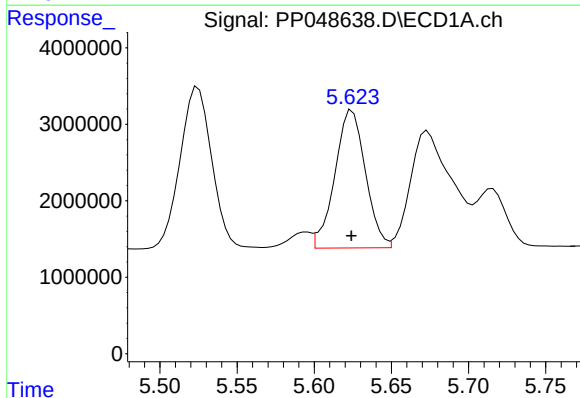
R.T.: 5.325 min
Delta R.T.: 0.001 min
Response: 40849992
Conc: 793.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



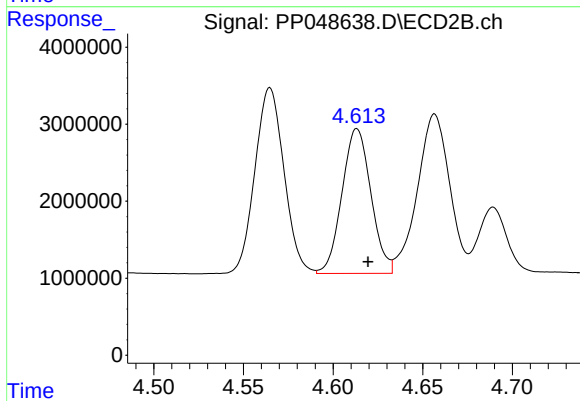
#21 AR-1248-1

R.T.: 4.359 min
Delta R.T.: -0.006 min
Response: 35769769
Conc: 846.57 ng/ml



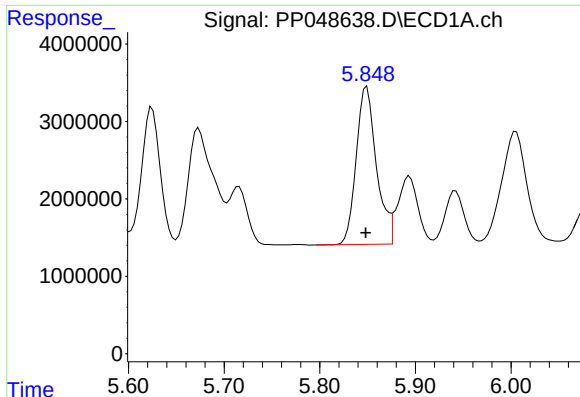
#22 AR-1248-2

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 24881197
Conc: 330.88 ng/ml



#22 AR-1248-2

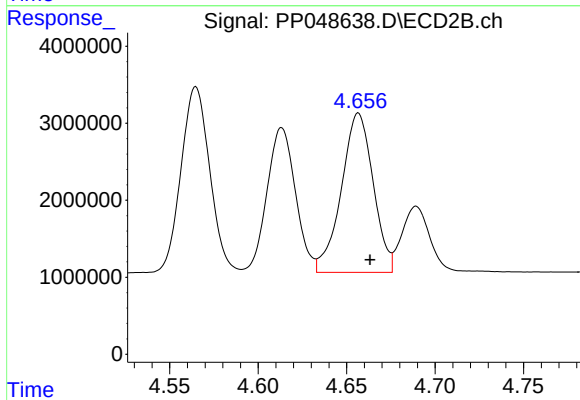
R.T.: 4.613 min
Delta R.T.: -0.006 min
Response: 21129603
Conc: 373.52 ng/ml



#23 AR-1248-3

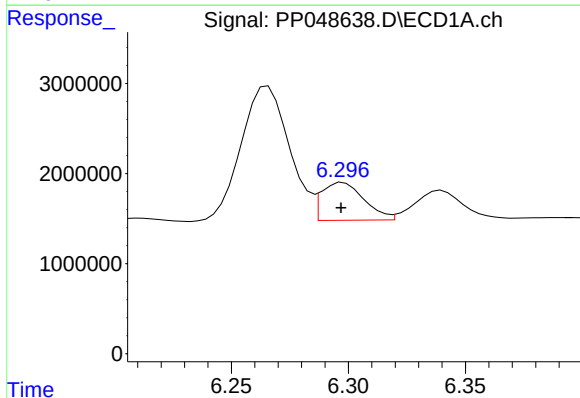
R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 29956591
Conc: 358.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



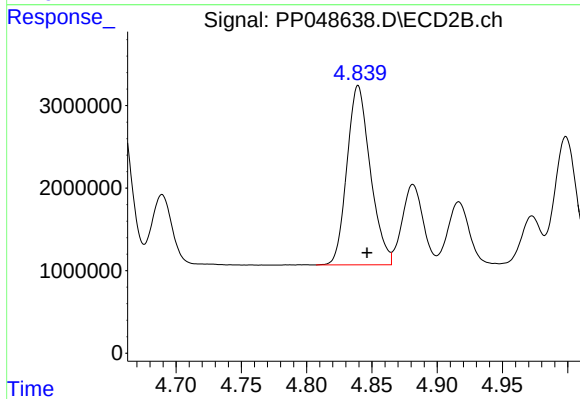
#23 AR-1248-3

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 25912546
Conc: 434.03 ng/ml



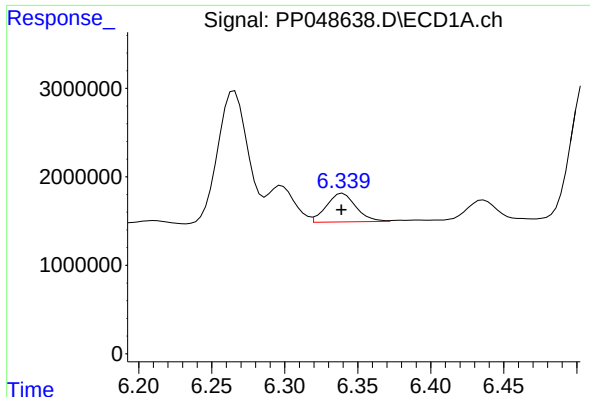
#24 AR-1248-4

R.T.: 6.298 min
Delta R.T.: 0.000 min
Response: 5300363
Conc: 58.33 ng/ml



#24 AR-1248-4

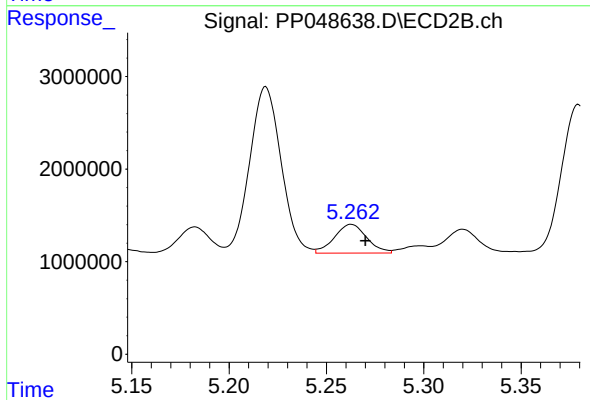
R.T.: 4.839 min
Delta R.T.: -0.007 min
Response: 27058360
Conc: 387.74 ng/ml



#25 AR-1248-5

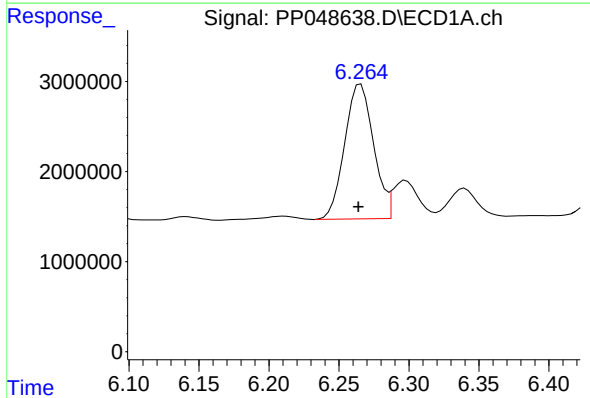
R.T.: 6.340 min
Delta R.T.: 0.000 min
Response: 4546139
Conc: 51.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



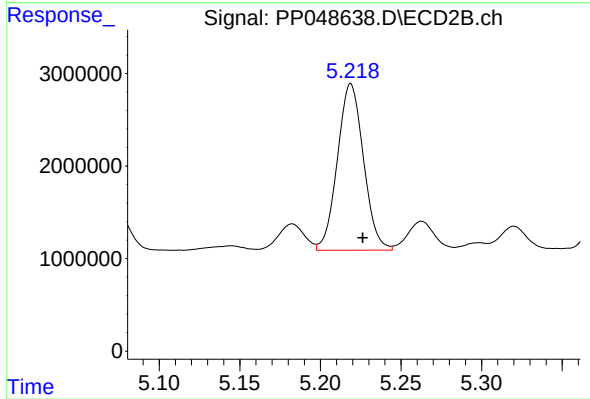
#25 AR-1248-5

R.T.: 5.263 min
Delta R.T.: -0.007 min
Response: 3594165
Conc: 52.53 ng/ml



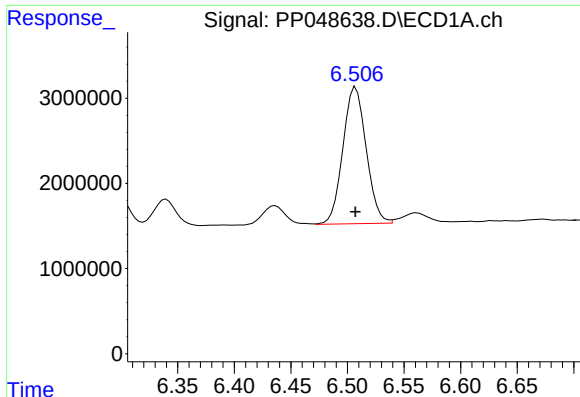
#26 AR-1254-1

R.T.: 6.266 min
Delta R.T.: 0.002 min
Response: 21479095
Conc: 230.96 ng/ml



#26 AR-1254-1

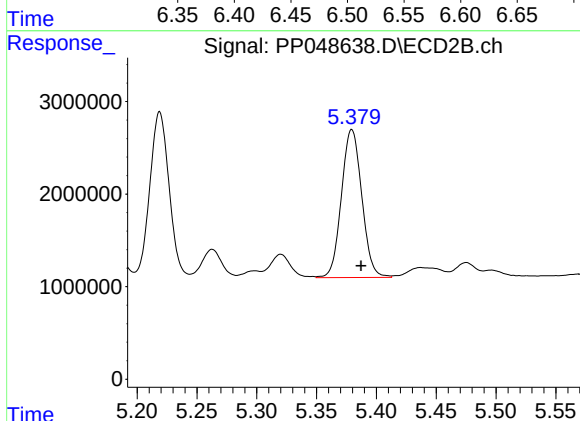
R.T.: 5.219 min
Delta R.T.: -0.007 min
Response: 20264217
Conc: 200.46 ng/ml



#27 AR-1254-2

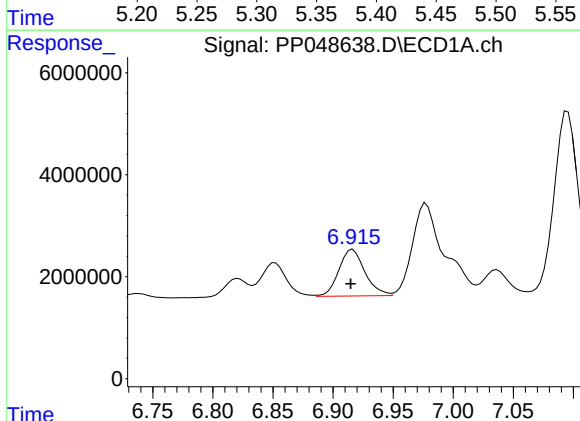
R.T.: 6.507 min
Delta R.T.: 0.000 min
Response: 23007462
Conc: 165.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



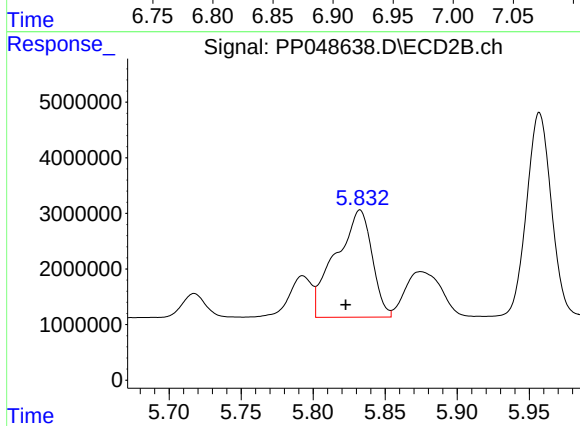
#27 AR-1254-2

R.T.: 5.380 min
Delta R.T.: -0.008 min
Response: 18947240
Conc: 215.18 ng/ml



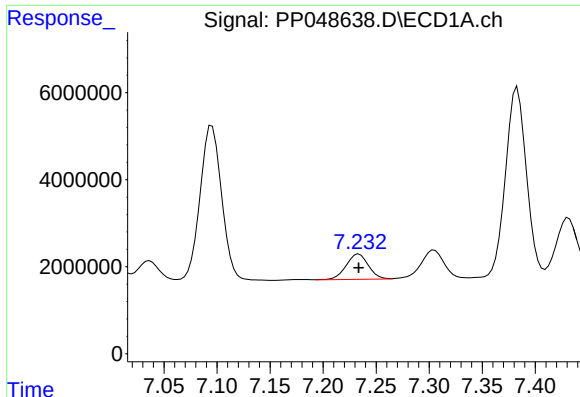
#28 AR-1254-3

R.T.: 6.916 min
Delta R.T.: 0.002 min
Response: 13778106
Conc: 96.90 ng/ml



#28 AR-1254-3

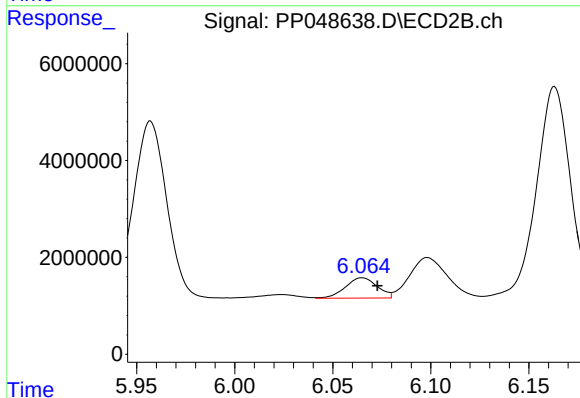
R.T.: 5.833 min
Delta R.T.: 0.010 min
Response: 33891078
Conc: 243.81 ng/ml



#29 AR-1254-4

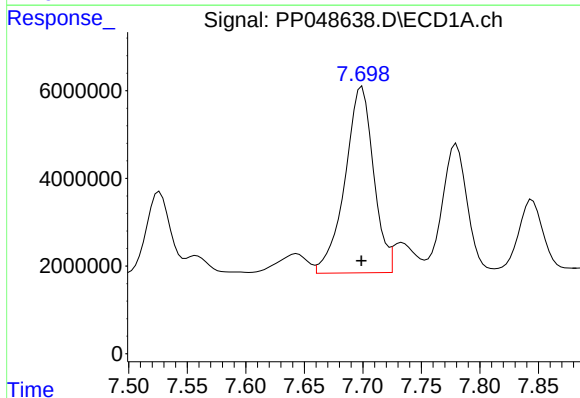
R.T.: 7.234 min
Delta R.T.: 0.000 min
Response: 8542077
Conc: 80.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



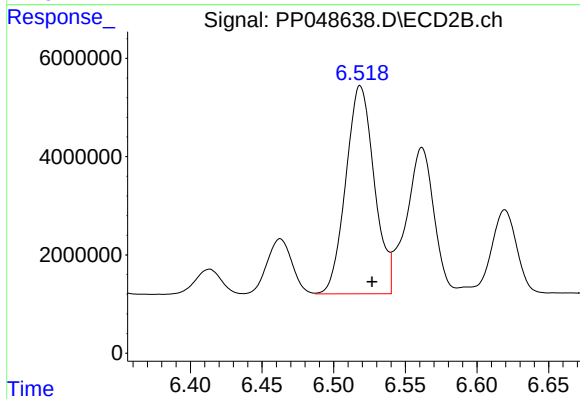
#29 AR-1254-4

R.T.: 6.065 min
Delta R.T.: -0.008 min
Response: 4745488
Conc: 54.72 ng/ml



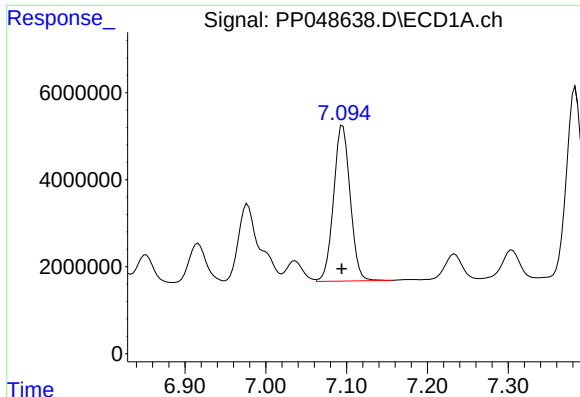
#30 AR-1254-5

R.T.: 7.699 min
Delta R.T.: 0.000 min
Response: 72356527
Conc: 609.51 ng/ml



#30 AR-1254-5

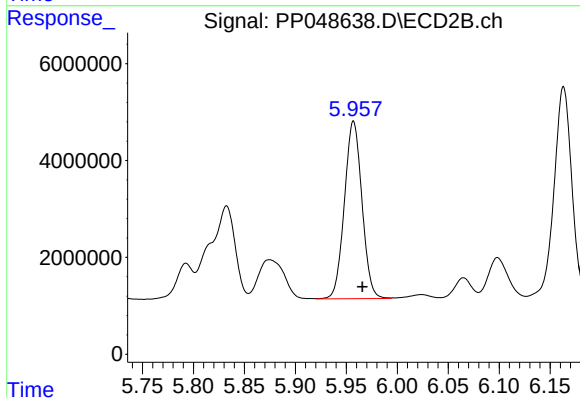
R.T.: 6.519 min
Delta R.T.: -0.008 min
Response: 58528496
Conc: 477.22 ng/ml



#31 AR-1260-1

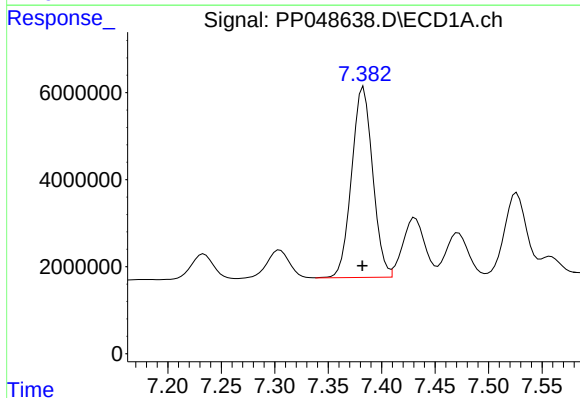
R.T.: 7.095 min
Delta R.T.: 0.001 min
Response: 50999836
Conc: 489.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



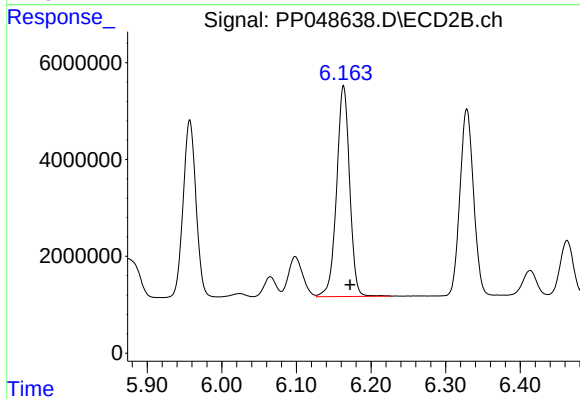
#31 AR-1260-1

R.T.: 5.957 min
Delta R.T.: -0.009 min
Response: 43941220
Conc: 520.75 ng/ml



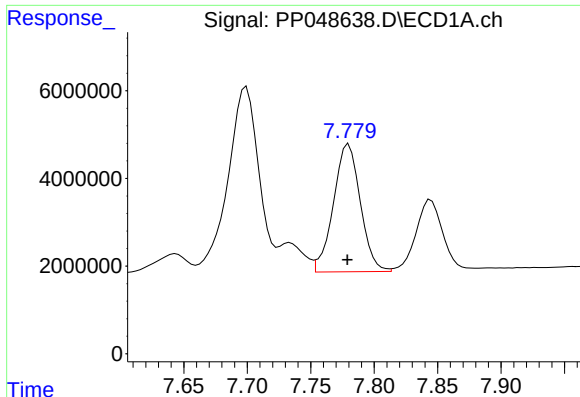
#32 AR-1260-2

R.T.: 7.383 min
Delta R.T.: 0.001 min
Response: 60038388
Conc: 493.06 ng/ml



#32 AR-1260-2

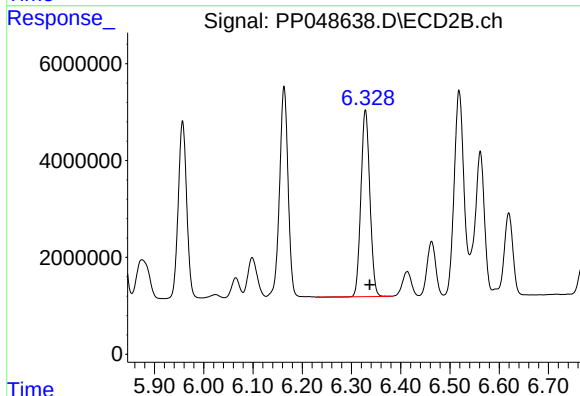
R.T.: 6.163 min
Delta R.T.: -0.009 min
Response: 52819245
Conc: 515.67 ng/ml



#33 AR-1260-3

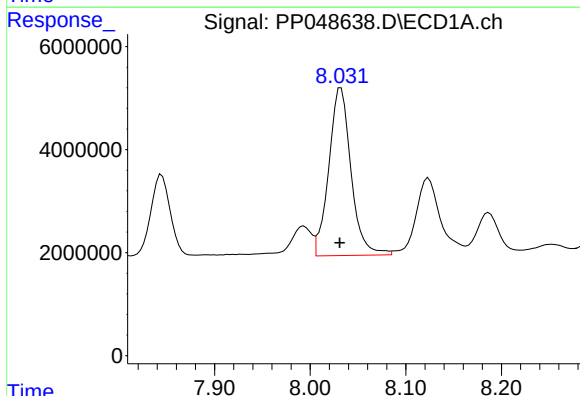
R.T.: 7.780 min
Delta R.T.: 0.001 min
Response: 43045490
Conc: 508.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



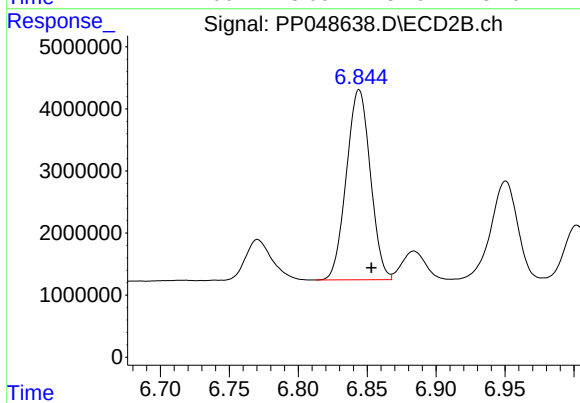
#33 AR-1260-3

R.T.: 6.328 min
Delta R.T.: -0.009 min
Response: 48808997
Conc: 503.64 ng/ml



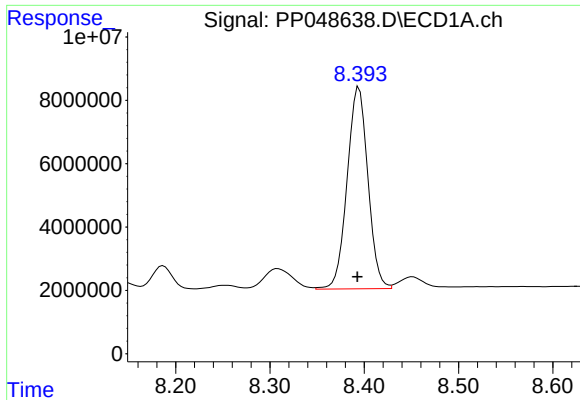
#34 AR-1260-4

R.T.: 8.032 min
Delta R.T.: 0.001 min
Response: 52479856
Conc: 507.24 ng/ml



#34 AR-1260-4

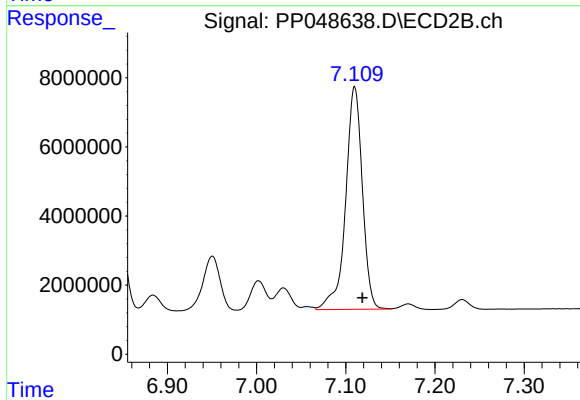
R.T.: 6.844 min
Delta R.T.: -0.009 min
Response: 37088500
Conc: 524.01 ng/ml



#35 AR-1260-5

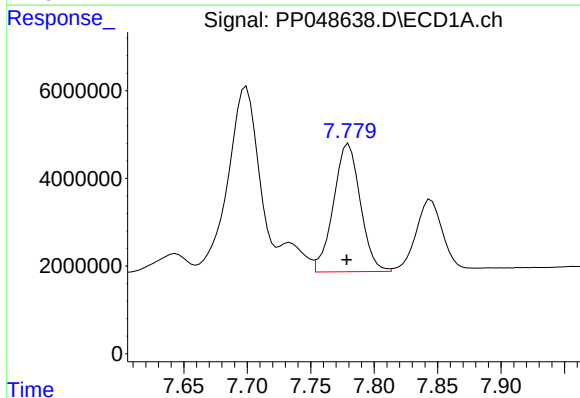
R.T.: 8.394 min
Delta R.T.: 0.002 min
Response: 97623331
Conc: 498.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



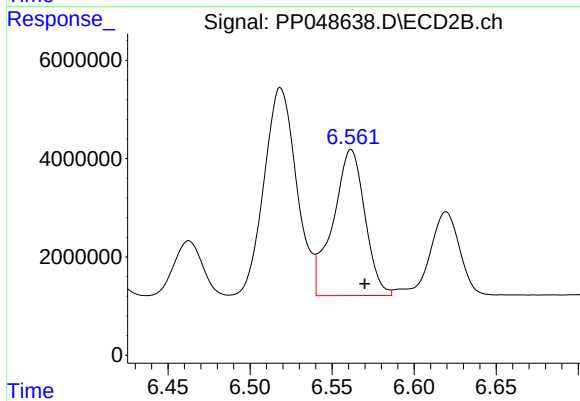
#35 AR-1260-5

R.T.: 7.110 min
Delta R.T.: -0.009 min
Response: 84199141
Conc: 524.31 ng/ml



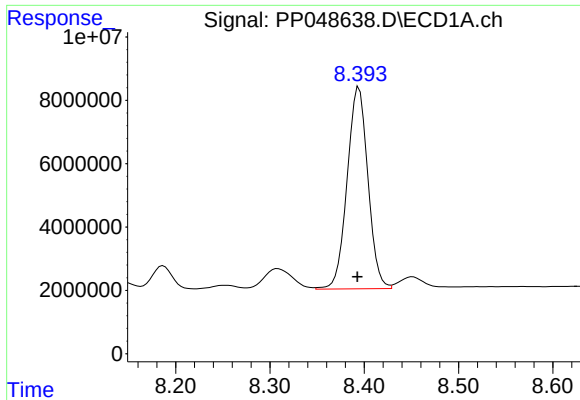
#36 AR-1262-1

R.T.: 7.780 min
Delta R.T.: 0.002 min
Response: 43045490
Conc: 319.77 ng/ml



#36 AR-1262-1

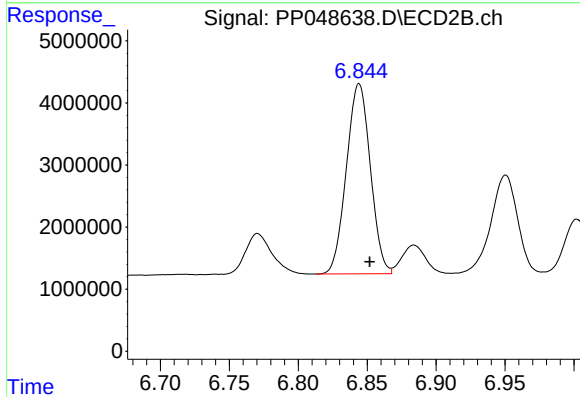
R.T.: 6.562 min
Delta R.T.: -0.008 min
Response: 40098793
Conc: 355.65 ng/ml



#37 AR-1262-2

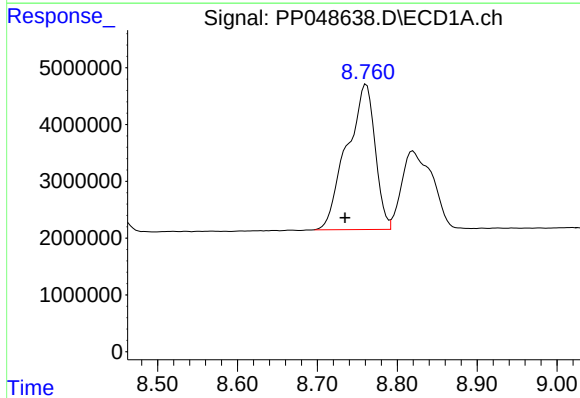
R.T.: 8.394 min
Delta R.T.: 0.002 min
Response: 97623331
Conc: 416.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



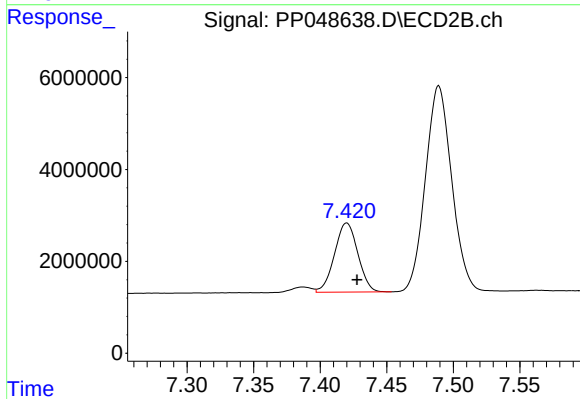
#37 AR-1262-2

R.T.: 6.844 min
Delta R.T.: -0.008 min
Response: 37088500
Conc: 370.16 ng/ml



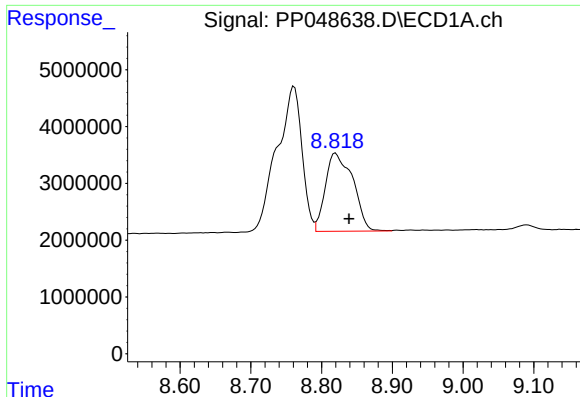
#38 AR-1262-3

R.T.: 8.761 min
Delta R.T.: 0.026 min
Response: 62869789
Conc: 641.20 ng/ml



#38 AR-1262-3

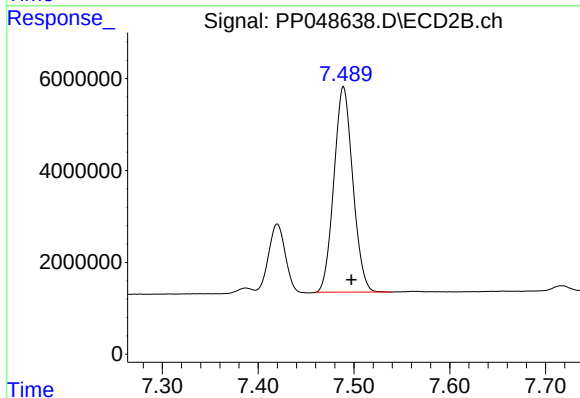
R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 18382698
Conc: 244.73 ng/ml



#39 AR-1262-4

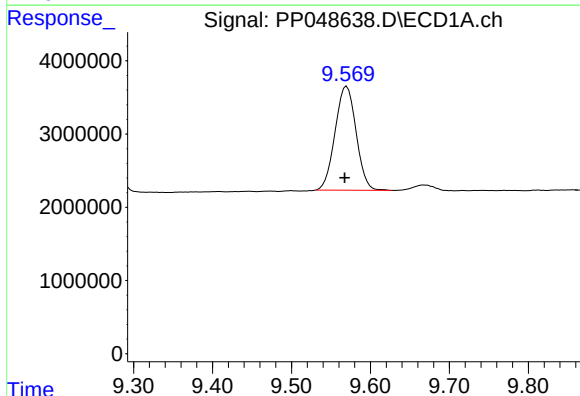
R.T.: 8.820 min
Delta R.T.: -0.019 min
Response: 37169268
Conc: 593.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



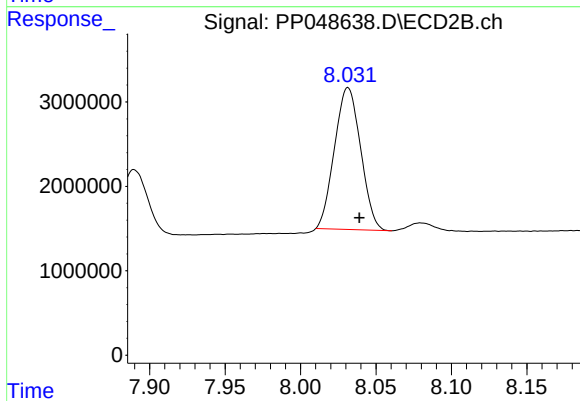
#39 AR-1262-4

R.T.: 7.489 min
Delta R.T.: -0.008 min
Response: 61231680
Conc: 439.71 ng/ml



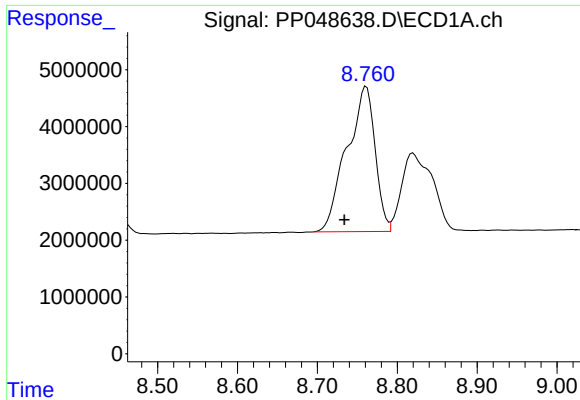
#40 AR-1262-5

R.T.: 9.570 min
Delta R.T.: 0.003 min
Response: 26339585
Conc: 316.36 ng/ml



#40 AR-1262-5

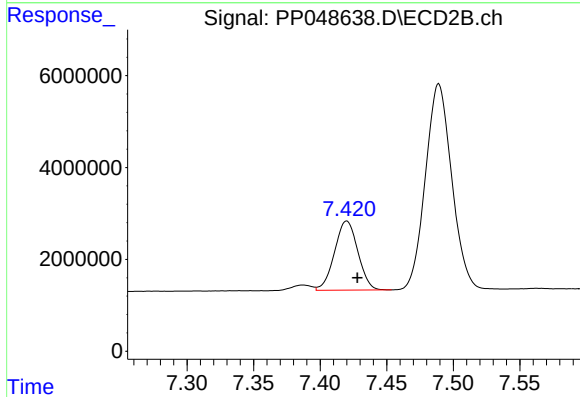
R.T.: 8.031 min
Delta R.T.: -0.008 min
Response: 20311986
Conc: 320.34 ng/ml



#41 AR-1268-1

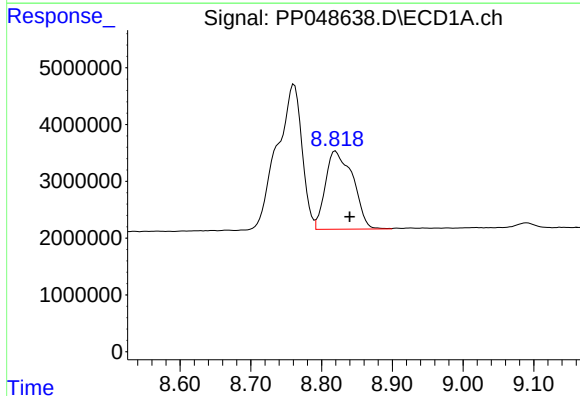
R.T.: 8.761 min
Delta R.T.: 0.027 min
Response: 62869789
Conc: 225.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



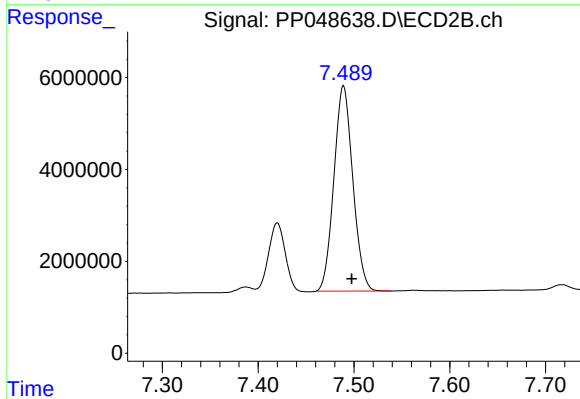
#41 AR-1268-1

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 18382698
Conc: 86.91 ng/ml



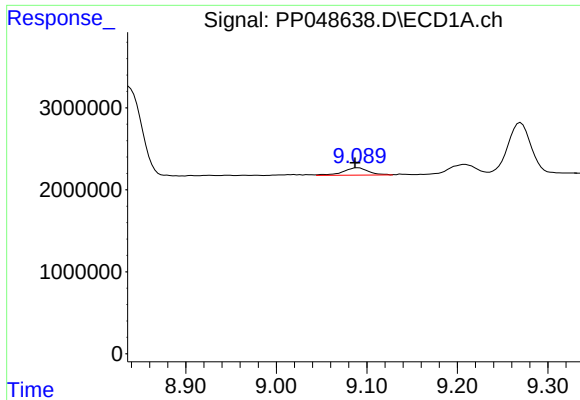
#42 AR-1268-2

R.T.: 8.820 min
Delta R.T.: -0.020 min
Response: 37169268
Conc: 143.45 ng/ml



#42 AR-1268-2

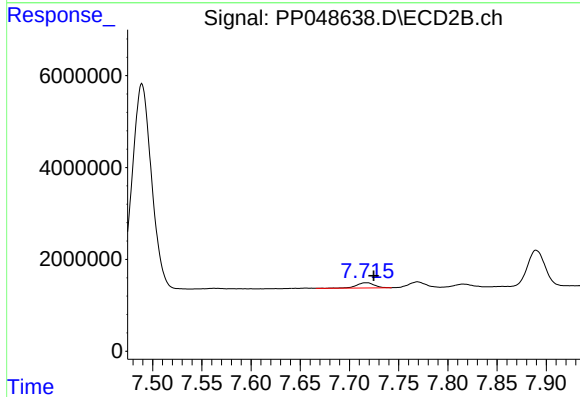
R.T.: 7.489 min
Delta R.T.: -0.008 min
Response: 61231680
Conc: 318.42 ng/ml



#43 AR-1268-3

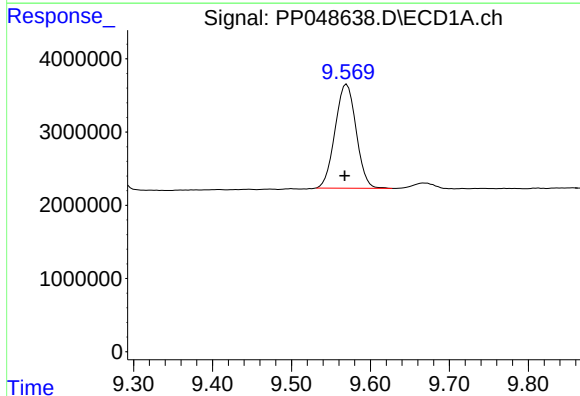
R.T.: 9.090 min
Delta R.T.: 0.003 min
Response: 1745723
Conc: 7.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



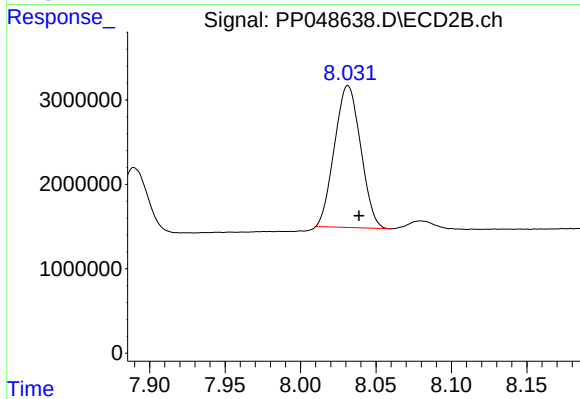
#43 AR-1268-3

R.T.: 7.717 min
Delta R.T.: -0.008 min
Response: 1428725
Conc: 8.88 ng/ml



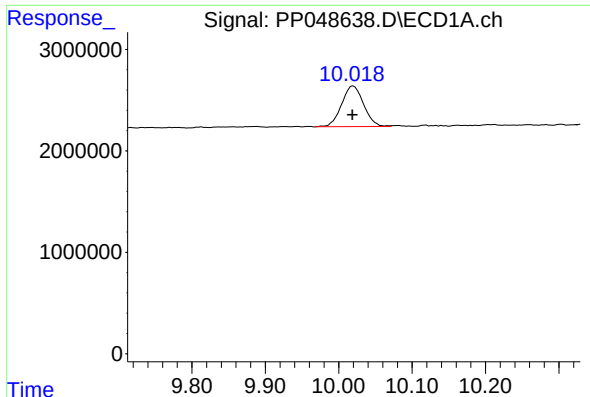
#44 AR-1268-4

R.T.: 9.570 min
Delta R.T.: 0.003 min
Response: 26339585
Conc: 276.06 ng/ml



#44 AR-1268-4

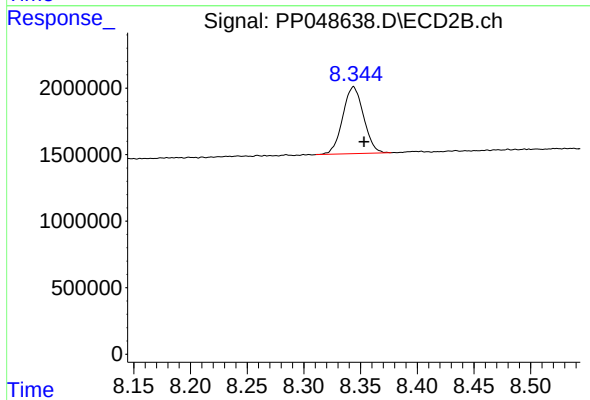
R.T.: 8.031 min
Delta R.T.: -0.007 min
Response: 20311986
Conc: 281.55 ng/ml



#45 AR-1268-5

R.T.: 10.020 min
Delta R.T.: 0.001 min
Response: 8333325
Conc: 11.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.344 min
Delta R.T.: -0.009 min
Response: 6429136
Conc: 13.80 ng/ml