

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121522\
 Data File : PP053774.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Dec 2022 09:53
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 15 20:59:26 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Dec 14 05:38:40 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...	4.340	3.592	116.6E6	88499370	55.554	56.667
2)	SA Decachlor...	10.102	8.633	90287538	75836794	53.180	54.295
Target Compounds							
3)	L1 AR-1016-1	5.512	4.684	23560191	16318432	347.448	355.316
4)	L1 AR-1016-2	5.535	4.703	28826303	16892132	289.390	269.593
5)	L1 AR-1016-3	5.597	4.881	15291017	11207231	241.943	330.194 #
6)	L1 AR-1016-4	5.694	4.922	16051836	21980682	323.936	737.642 #
7)	L1 AR-1016-5	5.991	5.137	37312576	26304224	708.882	725.403
8)	L2 AR-1221-1	4.543	3.806	552240	605334	21.436	31.264 #
9)	L2 AR-1221-2	4.645	3.893	2165179	1729604	111.213	118.325
10)	L2 AR-1221-3	4.712	3.970	3608048	2849568	62.084	64.063
11)	L3 AR-1232-1	4.712	3.970	3608048	2849568	80.557	82.809
12)	L3 AR-1232-2	5.243	4.703	11894534	16892132	462.399	565.972
13)	L3 AR-1232-3	5.535	4.881	28826303	11207231	614.150	707.368
14)	L3 AR-1232-4	5.694	4.965	16051836	23097321	677.462	1494.718 #
15)	L3 AR-1232-5	5.787	5.137	33723318	26304224	1828.554	1597.391
16)	L4 AR-1242-1	5.512	4.684	23560191	16318432	449.787	460.797
17)	L4 AR-1242-2	5.535	4.703	28826303	16892132	378.340	351.610
18)	L4 AR-1242-3	5.597	4.881	15291017	11207231	312.094	429.876 #
19)	L4 AR-1242-4	5.694	4.965	16051836	23097321	418.138	809.618 #
20)	L4 AR-1242-5	6.436	5.490	38193740	33789475	936.439	1107.008
21)	L5 AR-1248-1	5.512	4.684	23560191	16318432	559.017	573.635
22)	L5 AR-1248-2	5.787	4.922	33723318	21980682	533.595	531.336
23)	L5 AR-1248-3	5.991	4.965	37312576	23097321	532.696	549.968
24)	L5 AR-1248-4	6.397	5.137	38664617	26304224	548.228	546.703
25)	L5 AR-1248-5	6.436	5.532	38193740	22556155	542.015	600.717
26)	L6 AR-1254-1	6.370	5.490	30141882	33789475	388.965	516.001 #
27)	L6 AR-1254-2	6.593	5.639	39139562	10962337	336.404	187.970 #
28)	L6 AR-1254-3	6.958	6.045	22626166	16121746	193.176	183.260
29)	L6 AR-1254-4	7.245	6.274	14552651	9498291	183.564	207.318
30)	L6 AR-1254-5	7.666	6.695	4218168	3105188	43.252	39.844
31)	L7 AR-1260-1	7.124	6.190	2851232	7754254	29.524	118.877 #
32)	L7 AR-1260-2	7.382	6.365	3918755	2063198	35.473	27.398
33)	L7 AR-1260-3	7.741	6.518	1065491	2124984	14.092	29.316 #
34)	L7 AR-1260-4	7.955	6.995	2722818	425781	29.011	7.847 #
35)	L7 AR-1260-5	8.287	7.237	1562564	1025047	9.854	8.572
36)	L8 AR-1262-1	7.741	6.786	1065491	185141	8.901	5.191 #
37)	L8 AR-1262-2	8.287	6.995	1562564	425781	8.149	5.478 #
38)	L8 AR-1262-3	8.600	7.522	1246134	629299	8.993	9.988
39)	L8 AR-1262-4	8.683	7.587	575538	1125254	9.248	9.842
40)	L8 AR-1262-5	9.344	8.084	701011	237111	9.920	4.760 #
41)	L9 AR-1268-1	8.600	7.522	1246134	629299	5.106	3.478 #

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP121522\
Data File : PP053774.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Dec 2022 09:53
Operator : YP\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

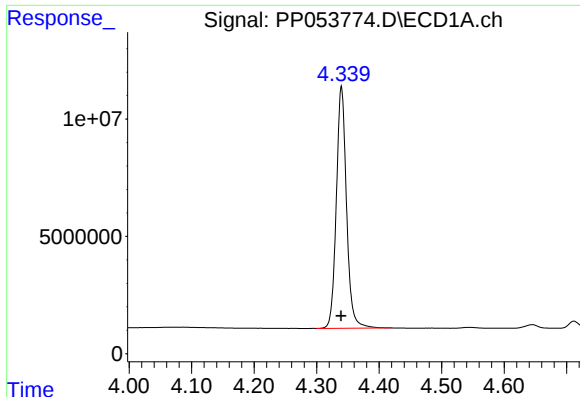
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 15 20:59:26 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP121322.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Dec 14 05:38:40 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	8.683	7.587	575538	1125254	2.532	6.594 #
43)	L9 AR-1268-3	8.917	7.798	219290	104566	1.144	0.708 #
44)	L9 AR-1268-4	9.344	8.084	701011	237111	9.107	4.255 #
45)	L9 AR-1268-5	9.763	8.376	863709	200929	1.469	0.425 #

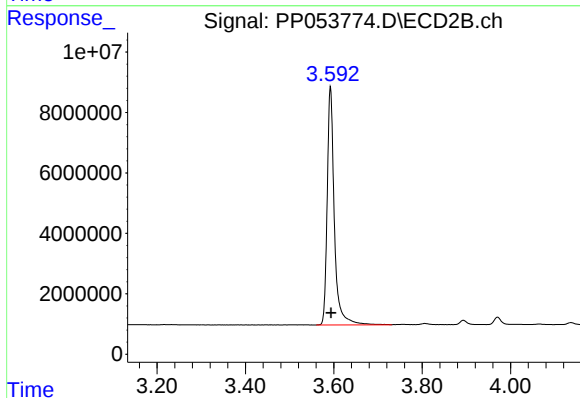
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

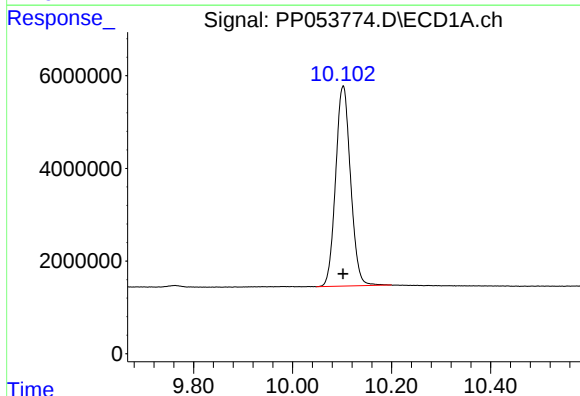
R.T.: 4.340 min
Delta R.T.: 0.000 min
Response: 116649916
Conc: 55.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



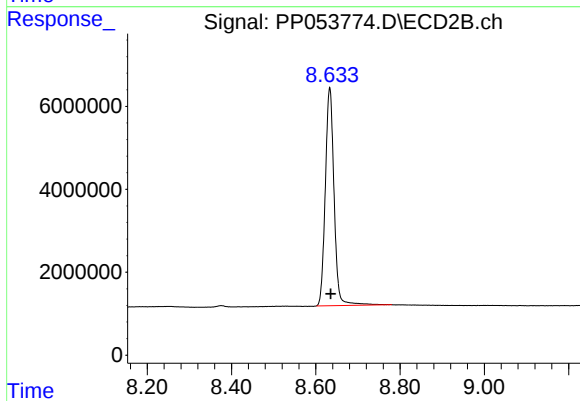
#1 Tetrachloro-m-xylene

R.T.: 3.592 min
Delta R.T.: -0.001 min
Response: 88499370
Conc: 56.67 ng/ml



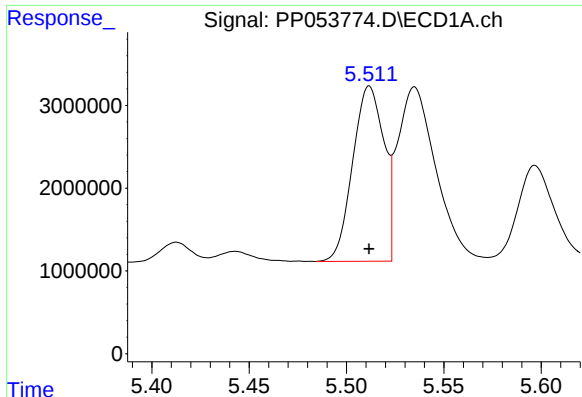
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 90287538
Conc: 53.18 ng/ml



#2 Decachlorobiphenyl

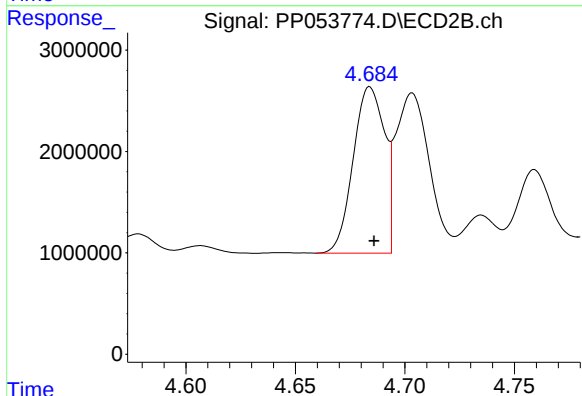
R.T.: 8.633 min
Delta R.T.: -0.003 min
Response: 75836794
Conc: 54.30 ng/ml



#3 AR-1016-1

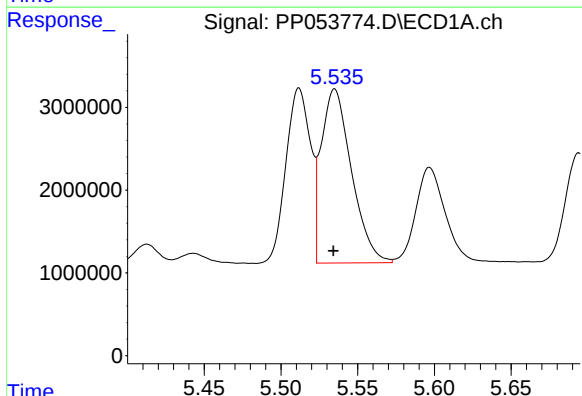
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 23560191
Conc: 347.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



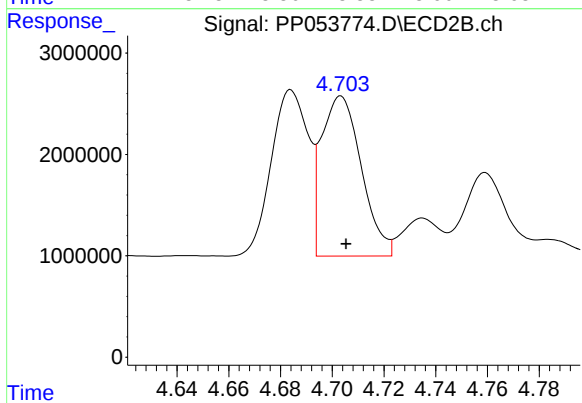
#3 AR-1016-1

R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 16318432
Conc: 355.32 ng/ml



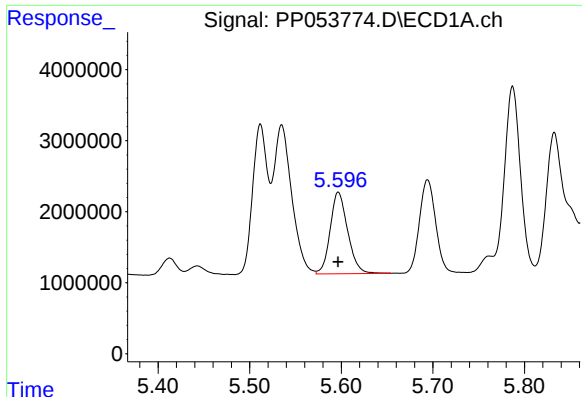
#4 AR-1016-2

R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 28826303
Conc: 289.39 ng/ml



#4 AR-1016-2

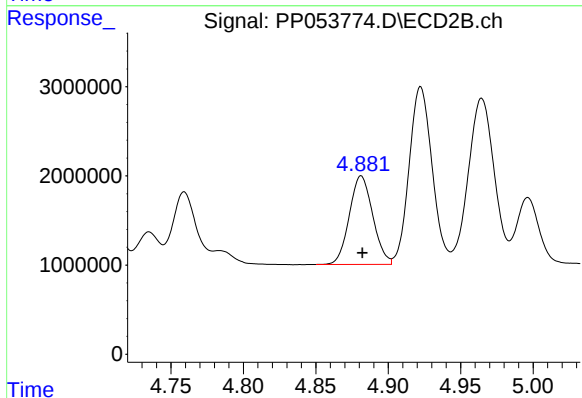
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 16892132
Conc: 269.59 ng/ml



#5 AR-1016-3

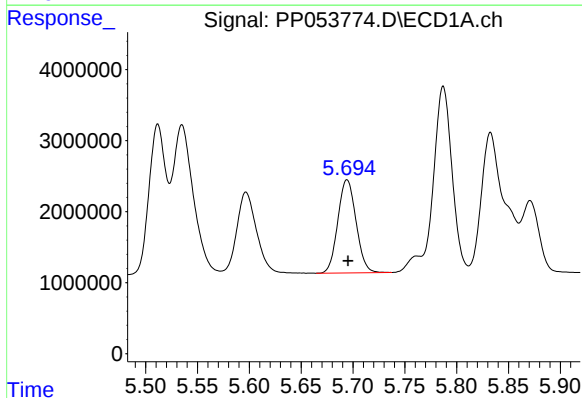
R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 15291017
Conc: 241.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



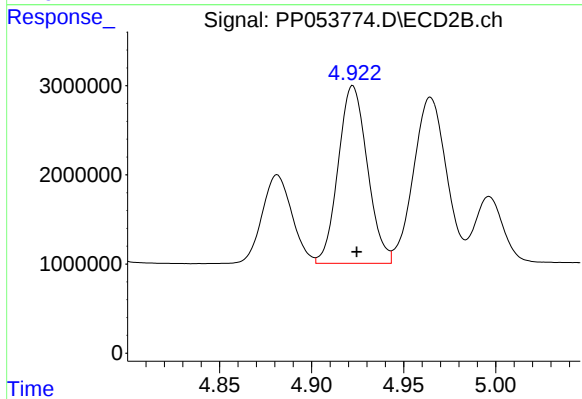
#5 AR-1016-3

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 11207231
Conc: 330.19 ng/ml



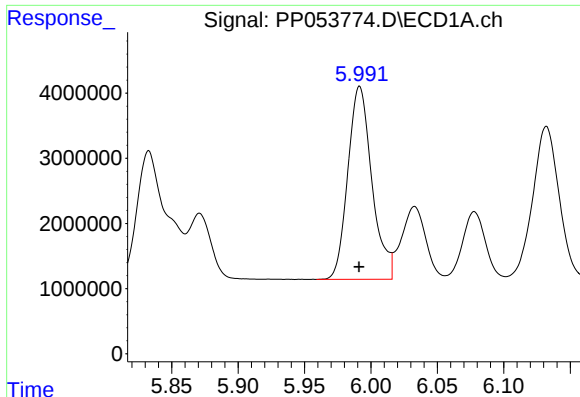
#6 AR-1016-4

R.T.: 5.694 min
Delta R.T.: -0.001 min
Response: 16051836
Conc: 323.94 ng/ml



#6 AR-1016-4

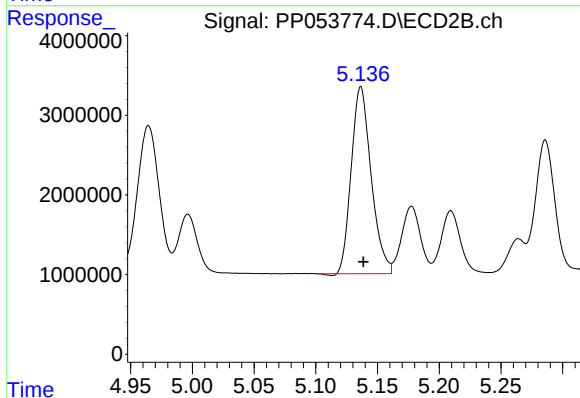
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 21980682
Conc: 737.64 ng/ml



#7 AR-1016-5

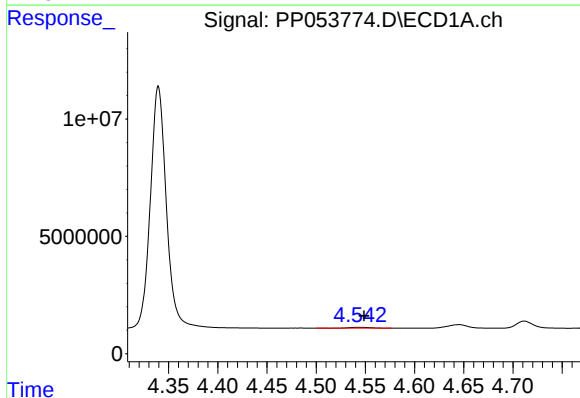
R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 37312576
Conc: 708.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



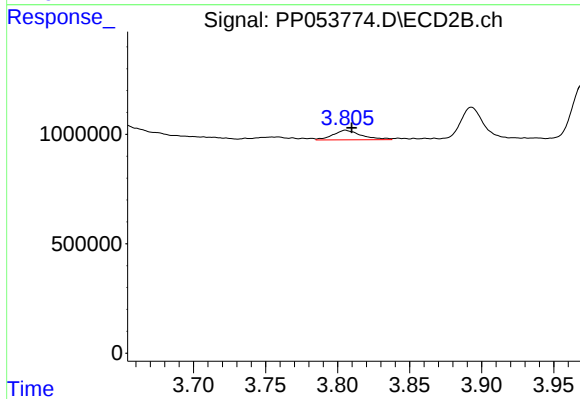
#7 AR-1016-5

R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 26304224
Conc: 725.40 ng/ml



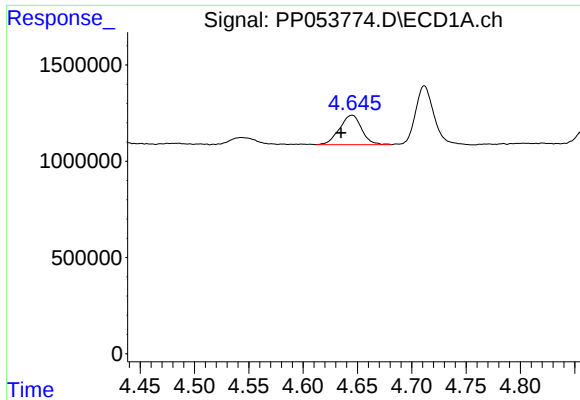
#8 AR-1221-1

R.T.: 4.543 min
Delta R.T.: -0.005 min
Response: 552240
Conc: 21.44 ng/ml



#8 AR-1221-1

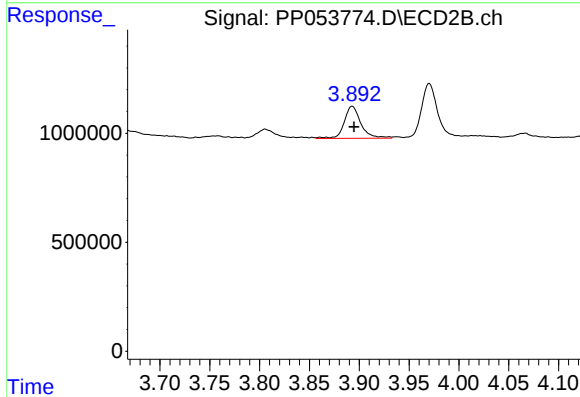
R.T.: 3.806 min
Delta R.T.: -0.004 min
Response: 605334
Conc: 31.26 ng/ml



#9 AR-1221-2

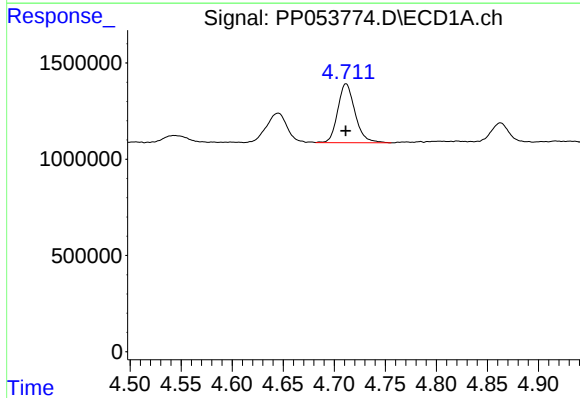
R.T.: 4.645 min
Delta R.T.: 0.010 min
Response: 2165179
Conc: 111.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



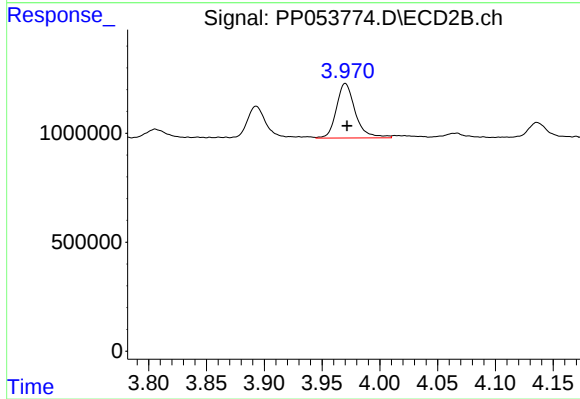
#9 AR-1221-2

R.T.: 3.893 min
Delta R.T.: -0.002 min
Response: 1729604
Conc: 118.33 ng/ml



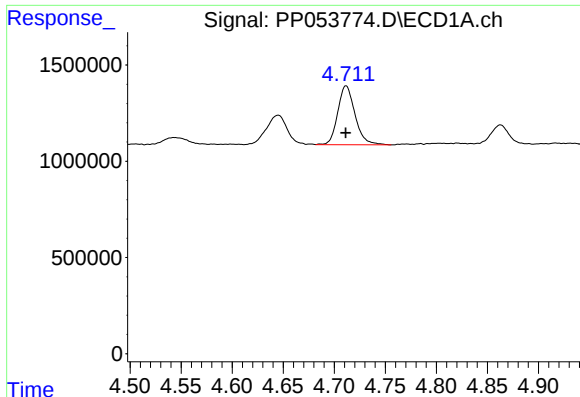
#10 AR-1221-3

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 3608048
Conc: 62.08 ng/ml



#10 AR-1221-3

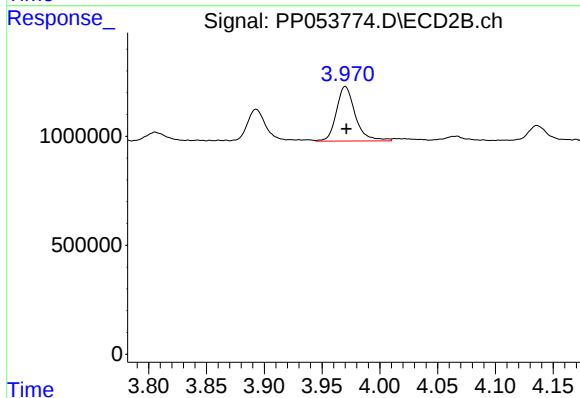
R.T.: 3.970 min
Delta R.T.: -0.002 min
Response: 2849568
Conc: 64.06 ng/ml



#11 AR-1232-1

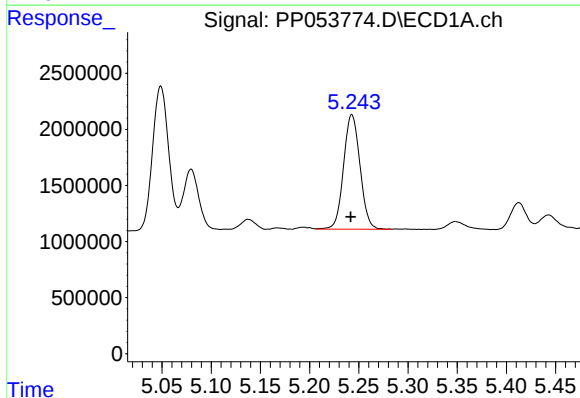
R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 3608048
Conc: 80.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



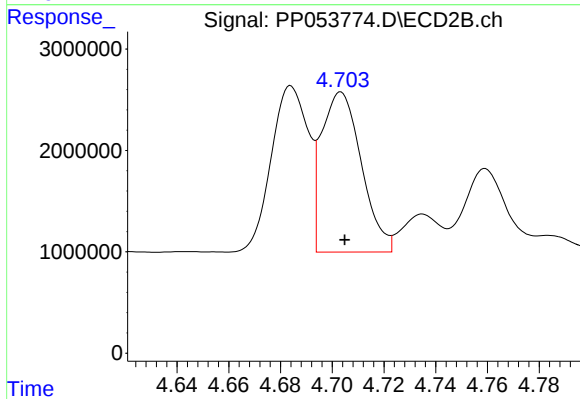
#11 AR-1232-1

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 2849568
Conc: 82.81 ng/ml



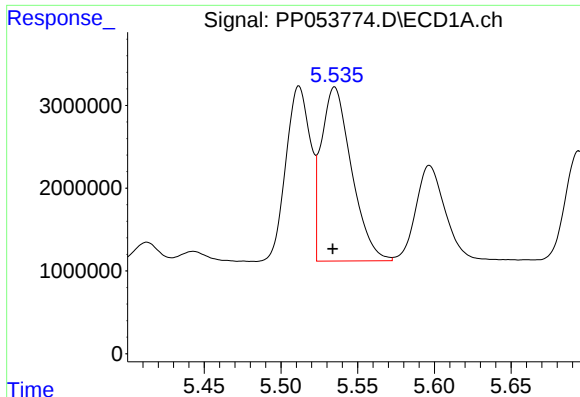
#12 AR-1232-2

R.T.: 5.243 min
Delta R.T.: 0.001 min
Response: 11894534
Conc: 462.40 ng/ml



#12 AR-1232-2

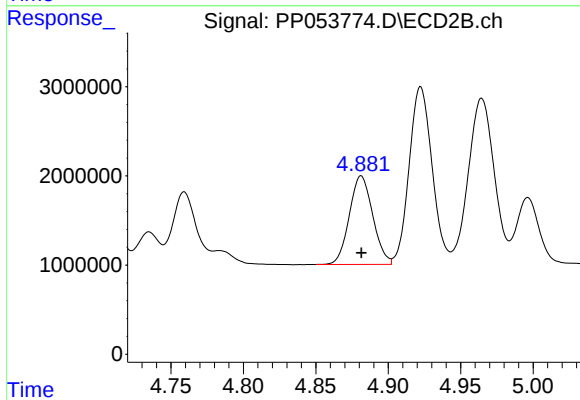
R.T.: 4.703 min
Delta R.T.: -0.002 min
Response: 16892132
Conc: 565.97 ng/ml



#13 AR-1232-3

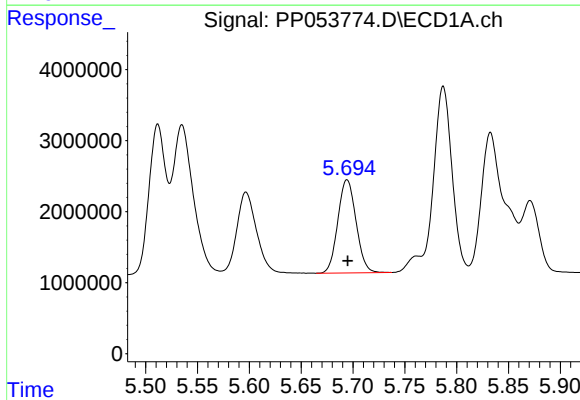
R.T.: 5.535 min
Delta R.T.: 0.001 min
Response: 28826303
Conc: 614.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



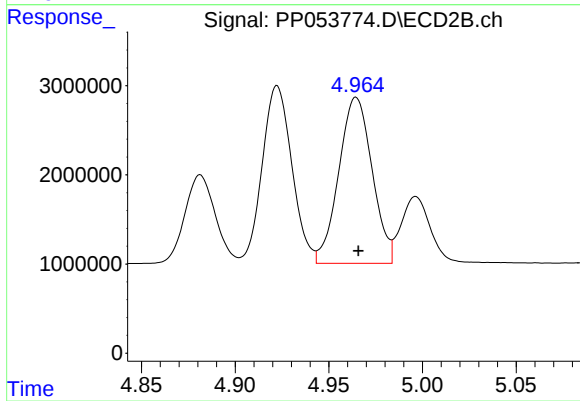
#13 AR-1232-3

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 11207231
Conc: 707.37 ng/ml



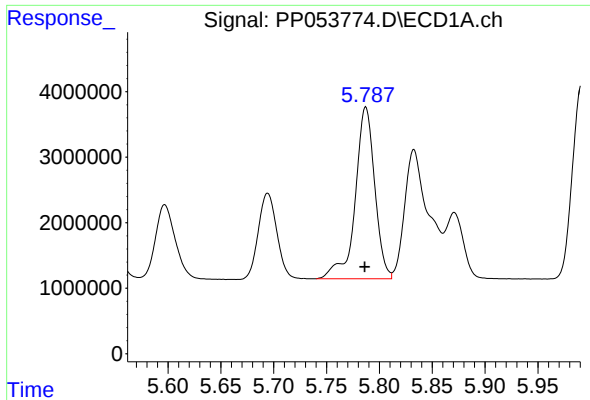
#14 AR-1232-4

R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 16051836
Conc: 677.46 ng/ml



#14 AR-1232-4

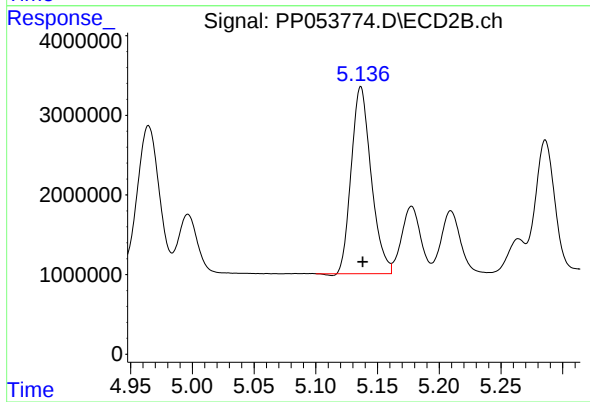
R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 23097321
Conc: 1494.72 ng/ml



#15 AR-1232-5

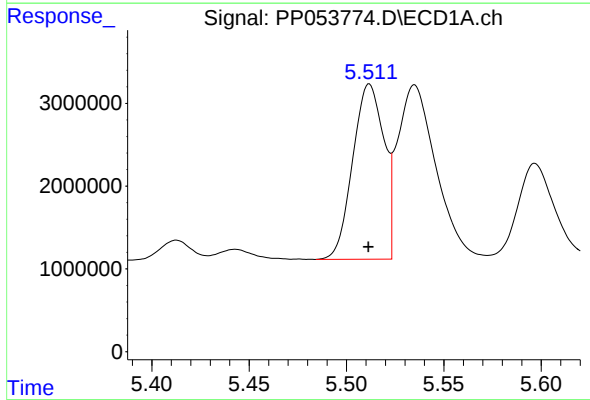
R.T.: 5.787 min
Delta R.T.: 0.001 min
Response: 33723318
Conc: 1828.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



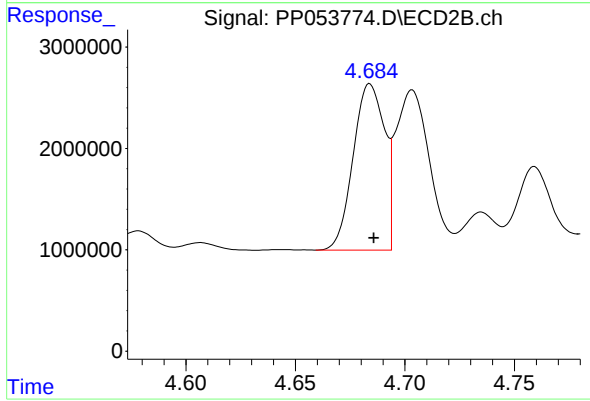
#15 AR-1232-5

R.T.: 5.137 min
Delta R.T.: -0.001 min
Response: 26304224
Conc: 1597.39 ng/ml



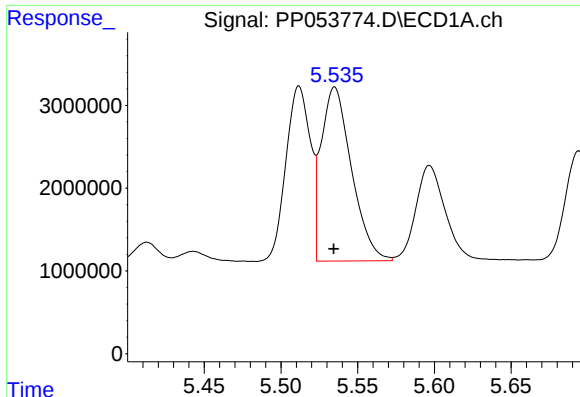
#16 AR-1242-1

R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 23560191
Conc: 449.79 ng/ml



#16 AR-1242-1

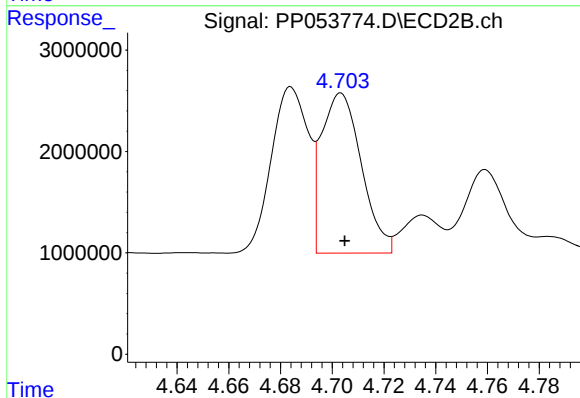
R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 16318432
Conc: 460.80 ng/ml



#17 AR-1242-2

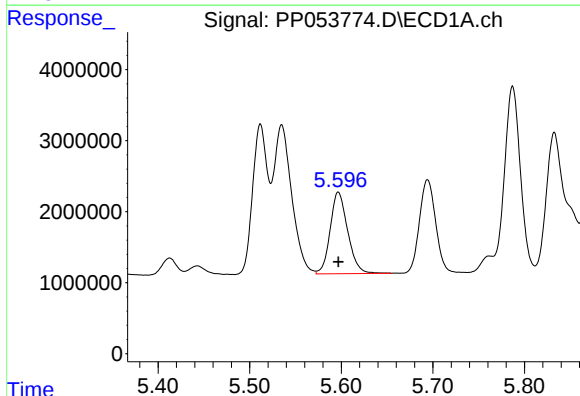
R.T.: 5.535 min
Delta R.T.: 0.000 min
Response: 28826303
Conc: 378.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



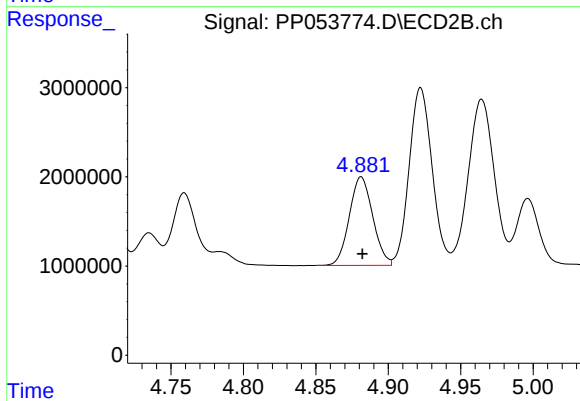
#17 AR-1242-2

R.T.: 4.703 min
Delta R.T.: -0.001 min
Response: 16892132
Conc: 351.61 ng/ml



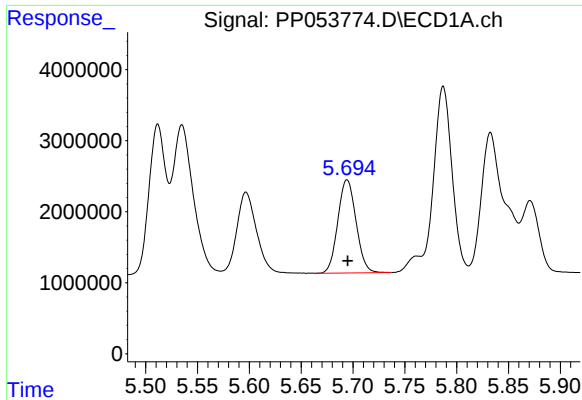
#18 AR-1242-3

R.T.: 5.597 min
Delta R.T.: 0.000 min
Response: 15291017
Conc: 312.09 ng/ml



#18 AR-1242-3

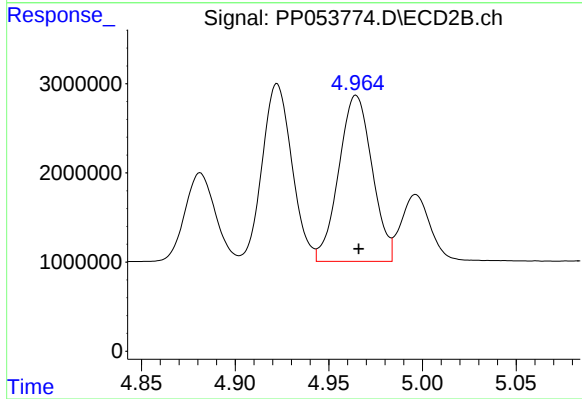
R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 11207231
Conc: 429.88 ng/ml



#19 AR-1242-4

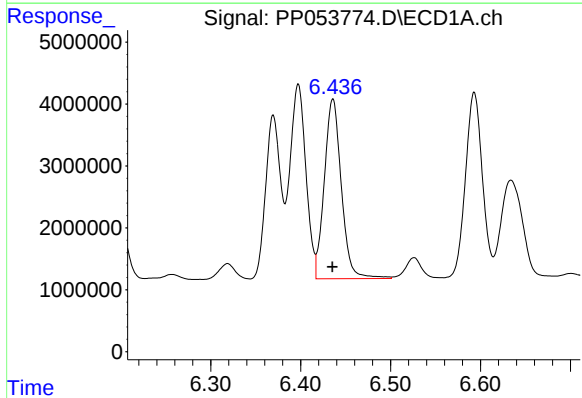
R.T.: 5.694 min
Delta R.T.: 0.000 min
Response: 16051836
Conc: 418.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



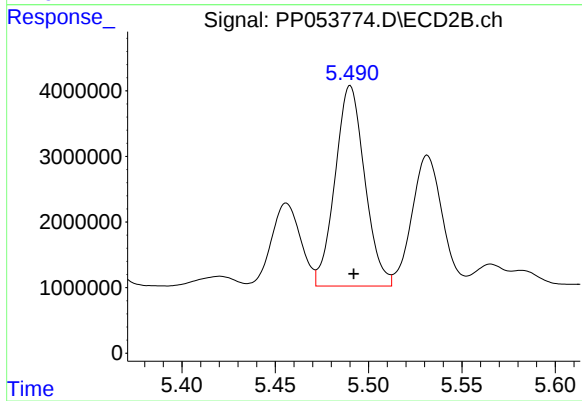
#19 AR-1242-4

R.T.: 4.965 min
Delta R.T.: -0.001 min
Response: 23097321
Conc: 809.62 ng/ml



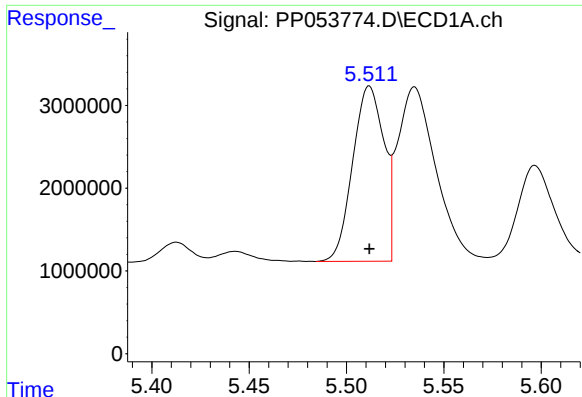
#20 AR-1242-5

R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 38193740
Conc: 936.44 ng/ml



#20 AR-1242-5

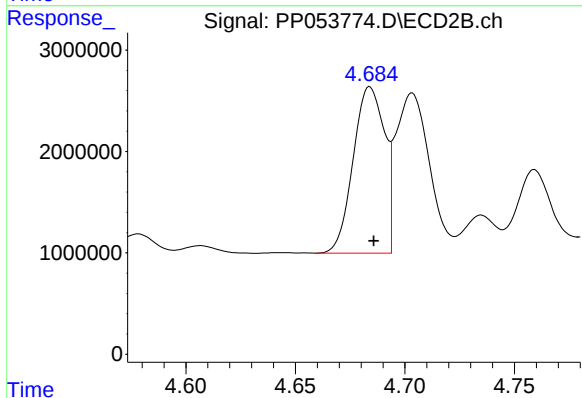
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 33789475
Conc: 1107.01 ng/ml



#21 AR-1248-1

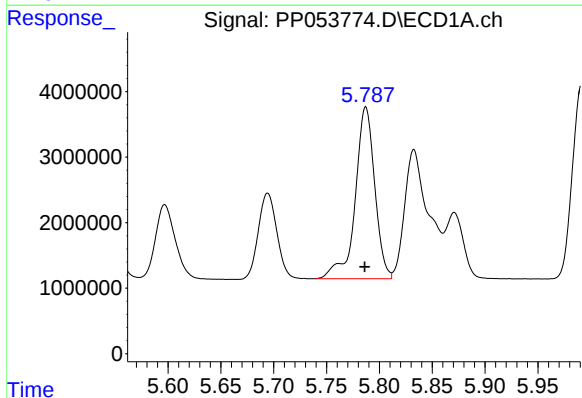
R.T.: 5.512 min
Delta R.T.: 0.000 min
Response: 23560191
Conc: 559.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



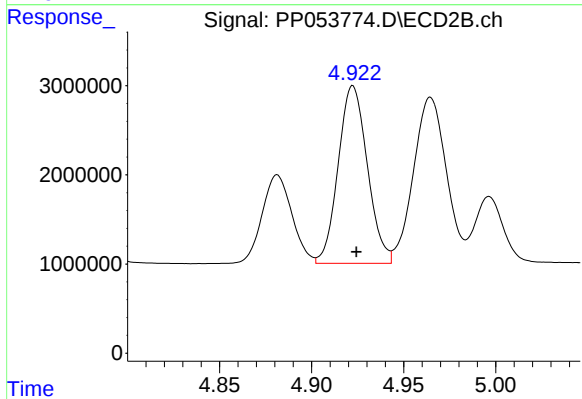
#21 AR-1248-1

R.T.: 4.684 min
Delta R.T.: -0.002 min
Response: 16318432
Conc: 573.63 ng/ml



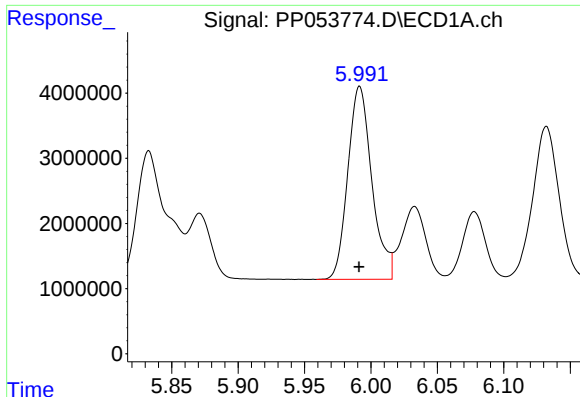
#22 AR-1248-2

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 33723318
Conc: 533.59 ng/ml



#22 AR-1248-2

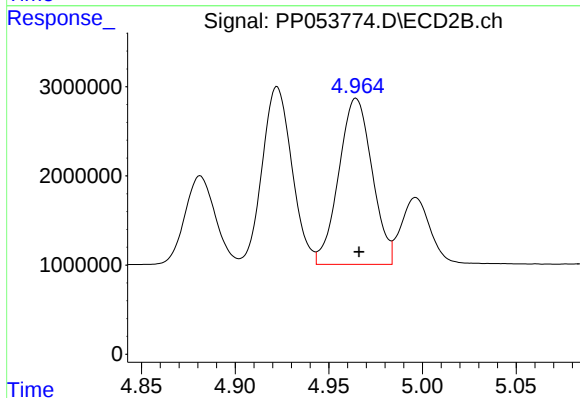
R.T.: 4.922 min
Delta R.T.: -0.002 min
Response: 21980682
Conc: 531.34 ng/ml



#23 AR-1248-3

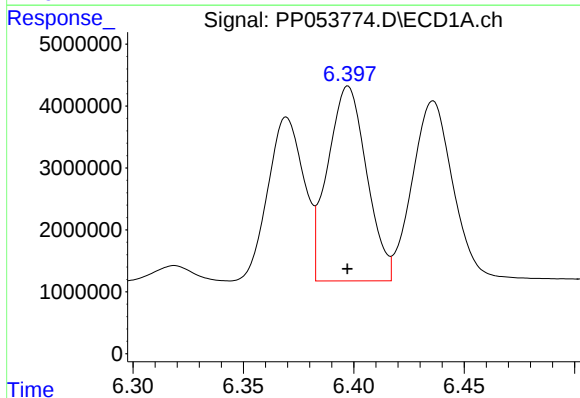
R.T.: 5.991 min
Delta R.T.: 0.000 min
Response: 37312576
Conc: 532.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



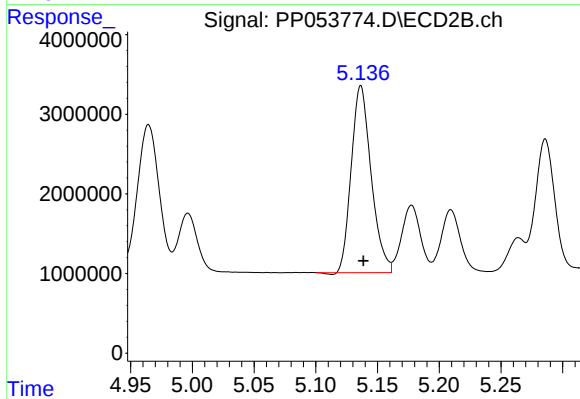
#23 AR-1248-3

R.T.: 4.965 min
Delta R.T.: -0.002 min
Response: 23097321
Conc: 549.97 ng/ml



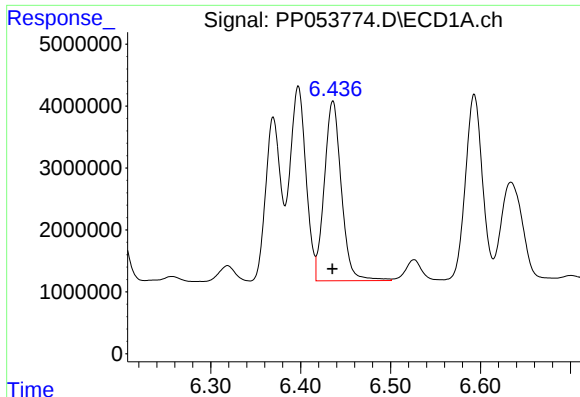
#24 AR-1248-4

R.T.: 6.397 min
Delta R.T.: 0.000 min
Response: 38664617
Conc: 548.23 ng/ml



#24 AR-1248-4

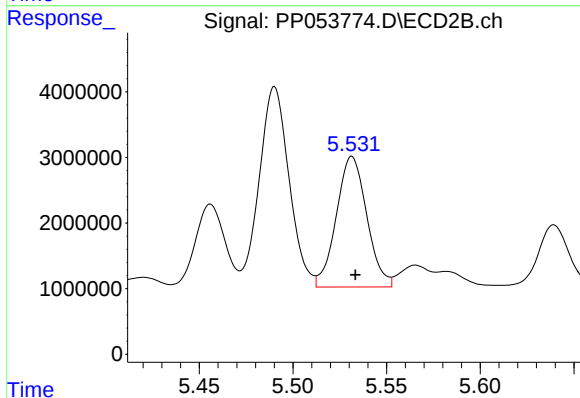
R.T.: 5.137 min
Delta R.T.: -0.002 min
Response: 26304224
Conc: 546.70 ng/ml



#25 AR-1248-5

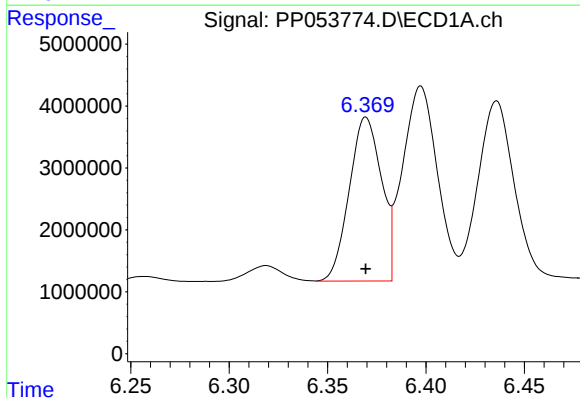
R.T.: 6.436 min
Delta R.T.: 0.000 min
Response: 38193740
Conc: 542.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



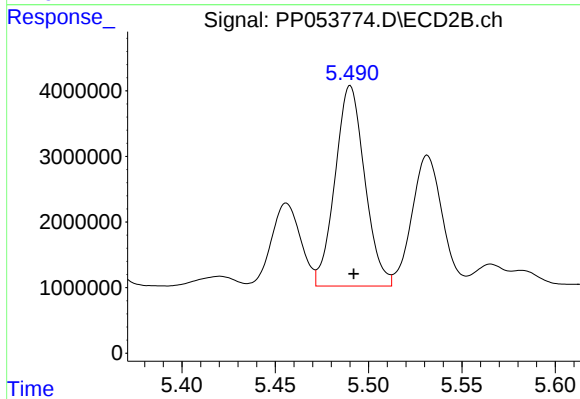
#25 AR-1248-5

R.T.: 5.532 min
Delta R.T.: -0.002 min
Response: 22556155
Conc: 600.72 ng/ml



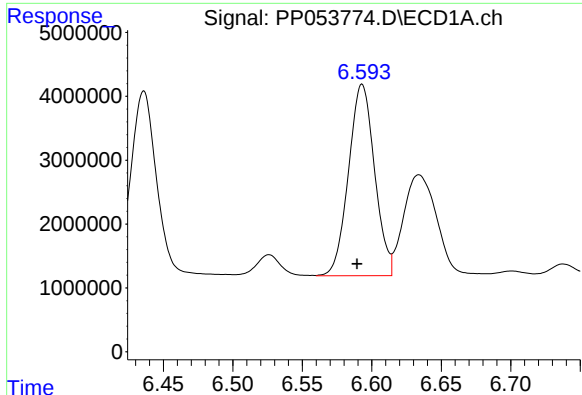
#26 AR-1254-1

R.T.: 6.370 min
Delta R.T.: 0.000 min
Response: 30141882
Conc: 388.97 ng/ml



#26 AR-1254-1

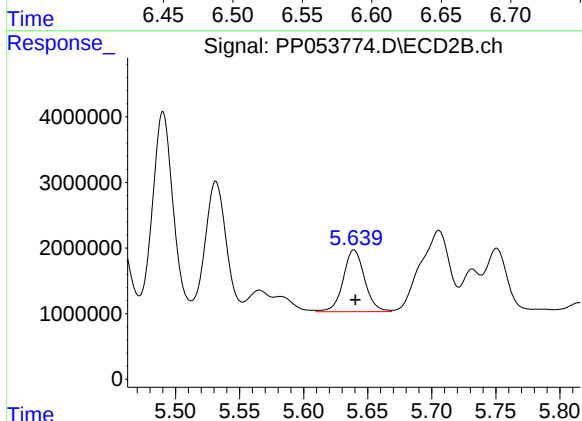
R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 33789475
Conc: 516.00 ng/ml



#27 AR-1254-2

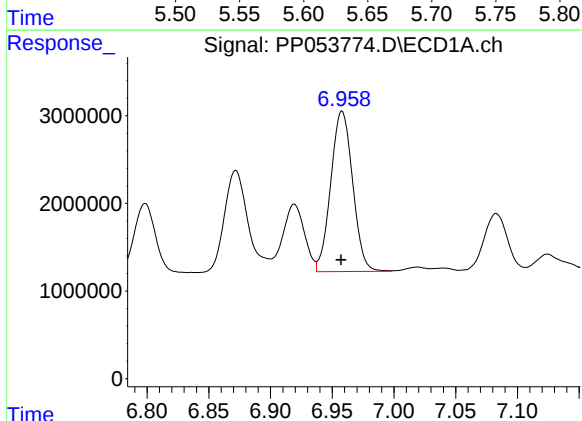
R.T.: 6.593 min
Delta R.T.: 0.004 min
Response: 39139562
Conc: 336.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



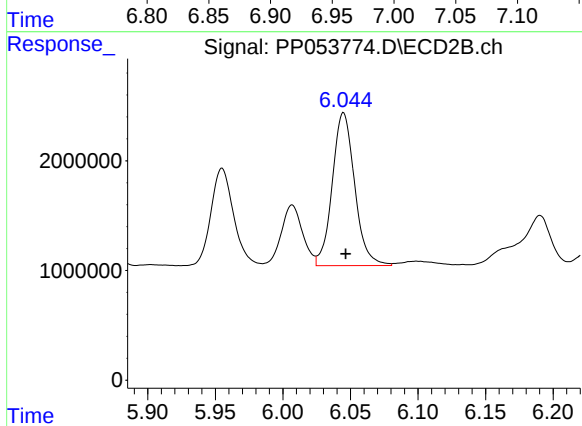
#27 AR-1254-2

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 10962337
Conc: 187.97 ng/ml



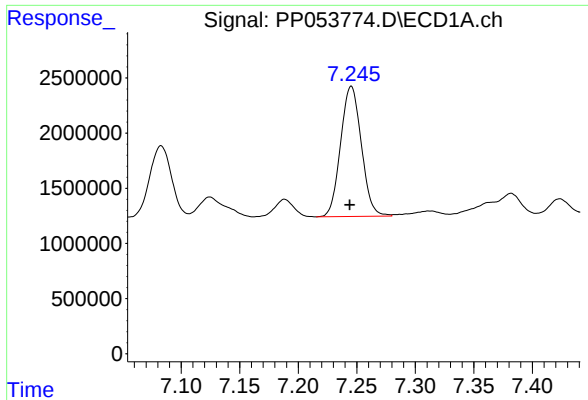
#28 AR-1254-3

R.T.: 6.958 min
Delta R.T.: 0.000 min
Response: 22626166
Conc: 193.18 ng/ml



#28 AR-1254-3

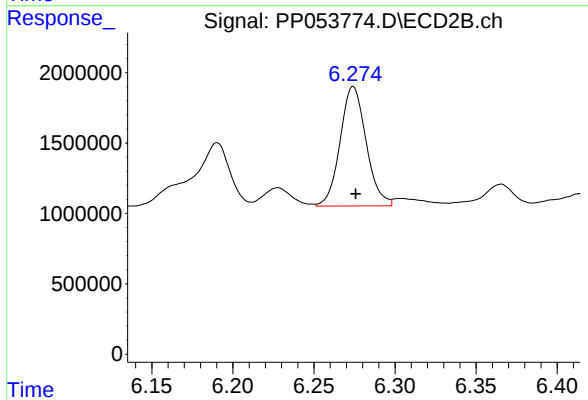
R.T.: 6.045 min
Delta R.T.: -0.002 min
Response: 16121746
Conc: 183.26 ng/ml



#29 AR-1254-4

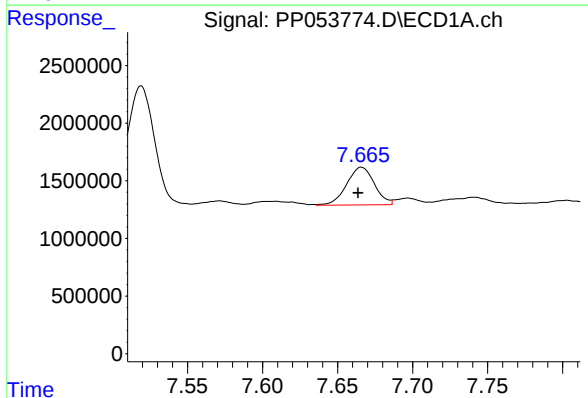
R.T.: 7.245 min
Delta R.T.: 0.001 min
Response: 14552651
Conc: 183.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



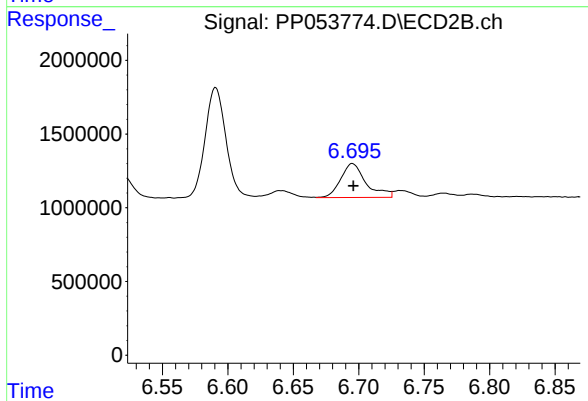
#29 AR-1254-4

R.T.: 6.274 min
Delta R.T.: -0.001 min
Response: 9498291
Conc: 207.32 ng/ml



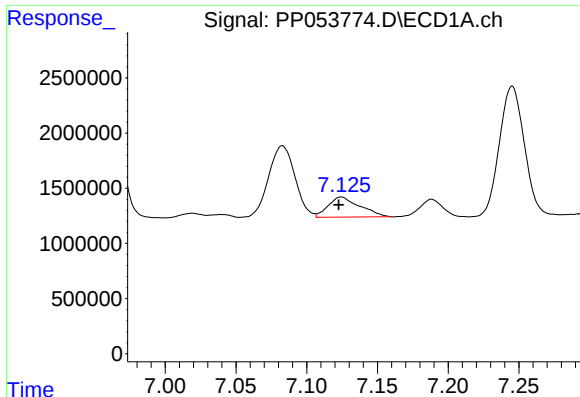
#30 AR-1254-5

R.T.: 7.666 min
Delta R.T.: 0.002 min
Response: 4218168
Conc: 43.25 ng/ml



#30 AR-1254-5

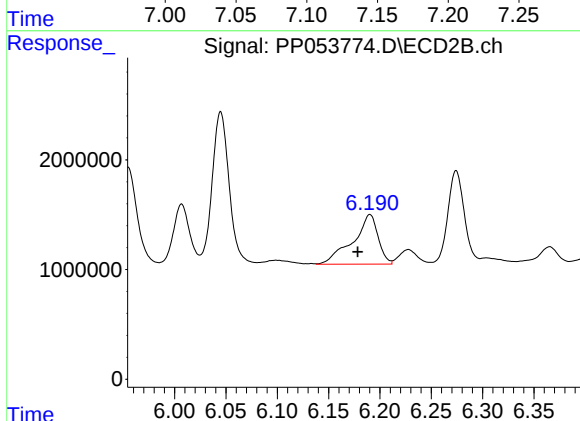
R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 3105188
Conc: 39.84 ng/ml



#31 AR-1260-1

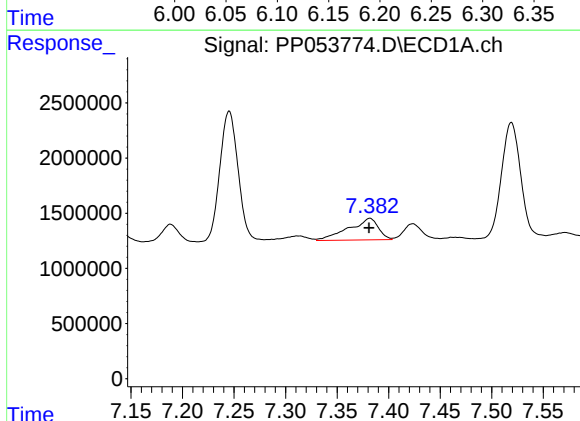
R.T.: 7.124 min
Delta R.T.: 0.002 min
Response: 2851232
Conc: 29.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



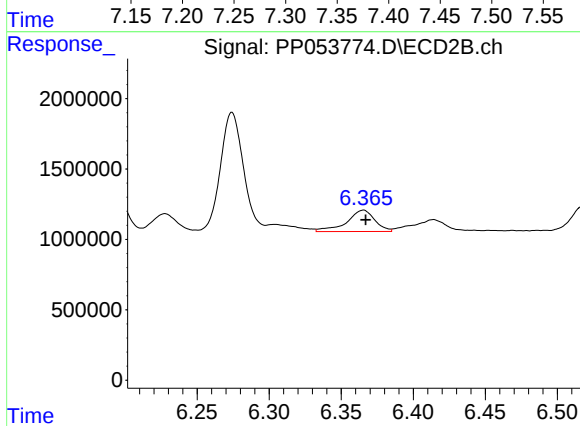
#31 AR-1260-1

R.T.: 6.190 min
Delta R.T.: 0.012 min
Response: 7754254
Conc: 118.88 ng/ml



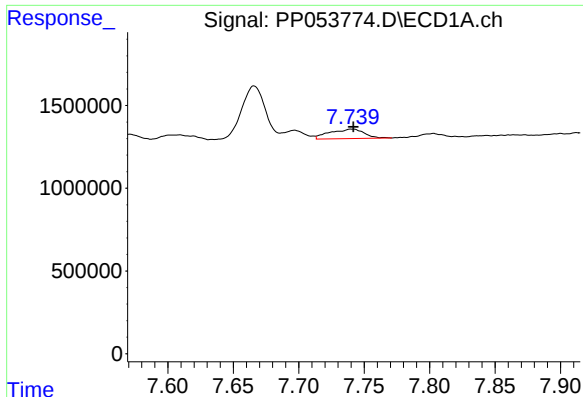
#32 AR-1260-2

R.T.: 7.382 min
Delta R.T.: 0.000 min
Response: 3918755
Conc: 35.47 ng/ml



#32 AR-1260-2

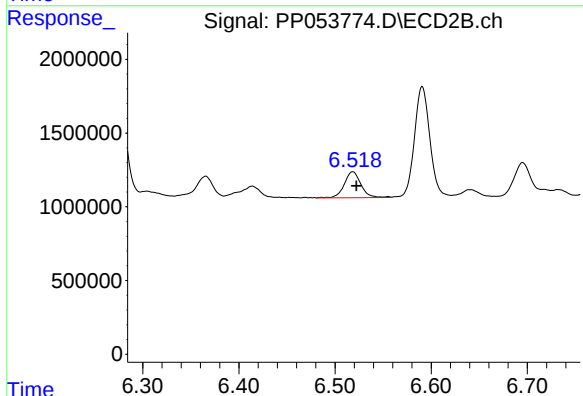
R.T.: 6.365 min
Delta R.T.: -0.002 min
Response: 2063198
Conc: 27.40 ng/ml



#33 AR-1260-3

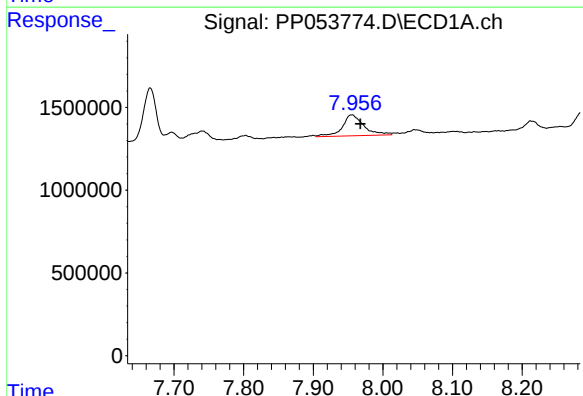
R.T.: 7.741 min
Delta R.T.: -0.001 min
Response: 1065491
Conc: 14.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



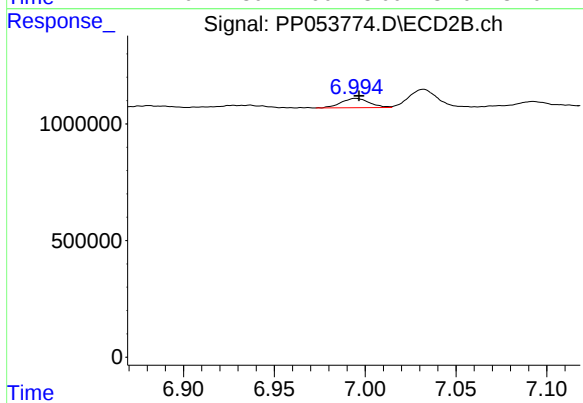
#33 AR-1260-3

R.T.: 6.518 min
Delta R.T.: -0.004 min
Response: 2124984
Conc: 29.32 ng/ml



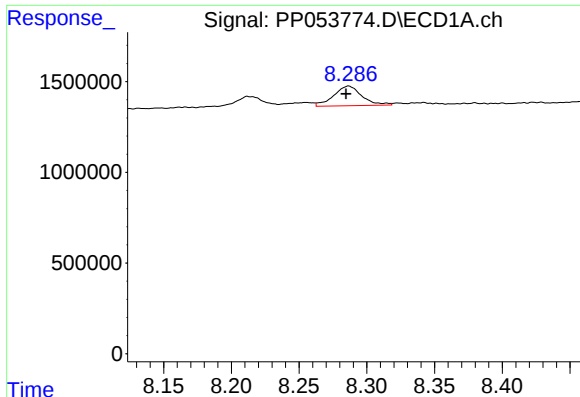
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: -0.012 min
Response: 2722818
Conc: 29.01 ng/ml



#34 AR-1260-4

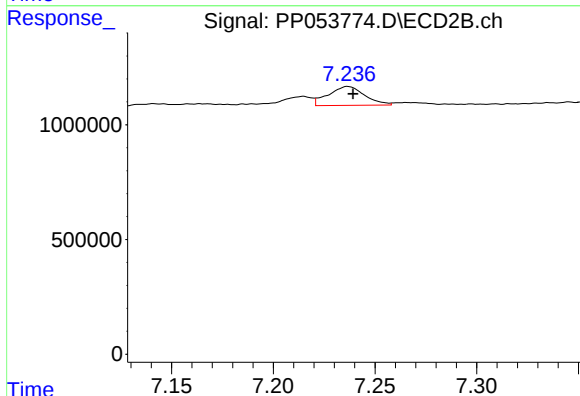
R.T.: 6.995 min
Delta R.T.: -0.002 min
Response: 425781
Conc: 7.85 ng/ml



#35 AR-1260-5

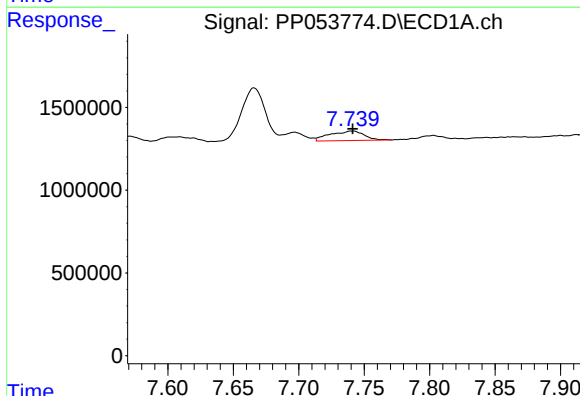
R.T.: 8.287 min
Delta R.T.: 0.002 min
Response: 1562564
Conc: 9.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



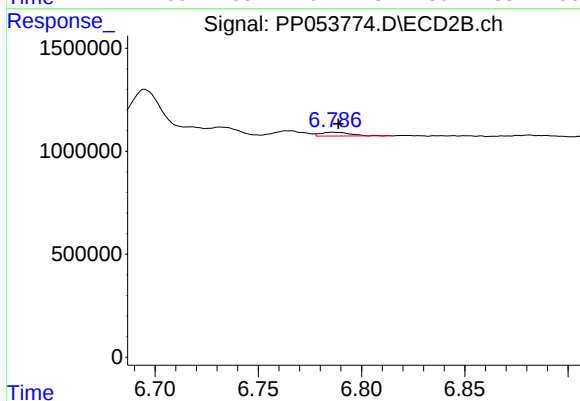
#35 AR-1260-5

R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 1025047
Conc: 8.57 ng/ml



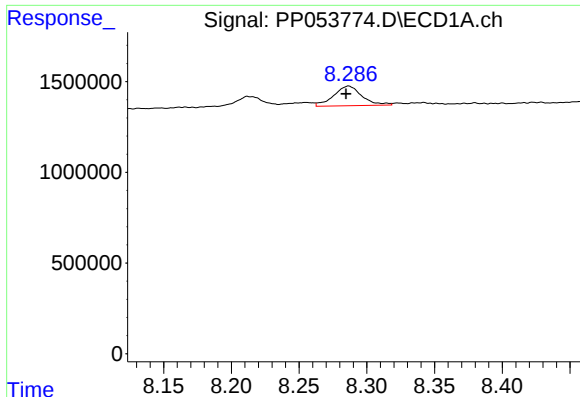
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 1065491
Conc: 8.90 ng/ml



#36 AR-1262-1

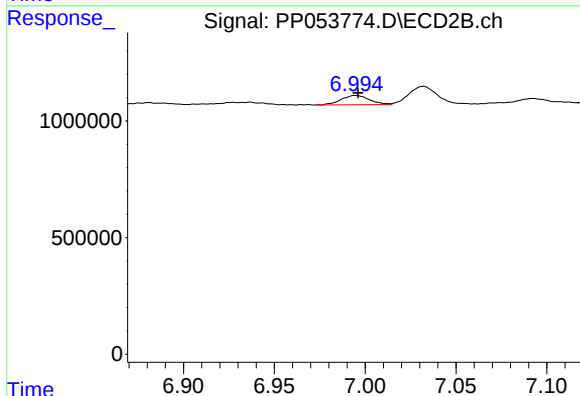
R.T.: 6.786 min
Delta R.T.: -0.002 min
Response: 185141
Conc: 5.19 ng/ml



#37 AR-1262-2

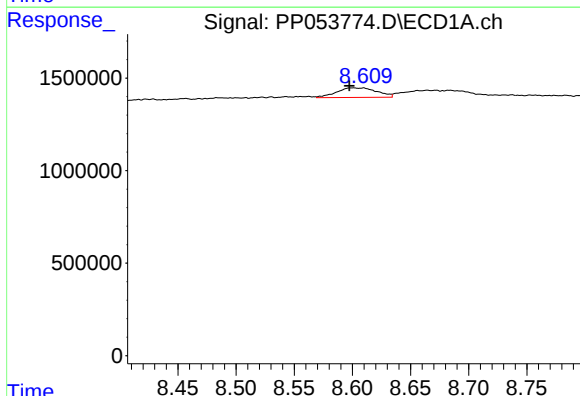
R.T.: 8.287 min
Delta R.T.: 0.002 min
Response: 1562564
Conc: 8.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



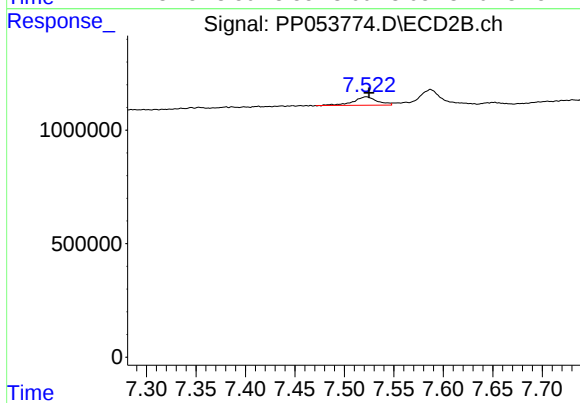
#37 AR-1262-2

R.T.: 6.995 min
Delta R.T.: -0.001 min
Response: 425781
Conc: 5.48 ng/ml



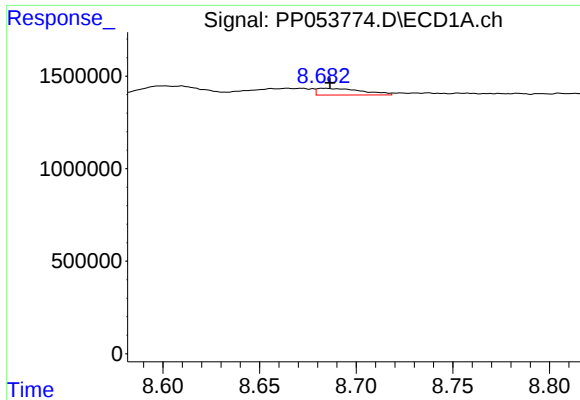
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.003 min
Response: 1246134
Conc: 8.99 ng/ml



#38 AR-1262-3

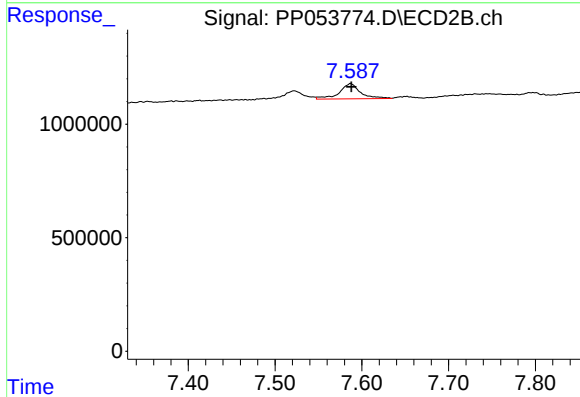
R.T.: 7.522 min
Delta R.T.: -0.003 min
Response: 629299
Conc: 9.99 ng/ml



#39 AR-1262-4

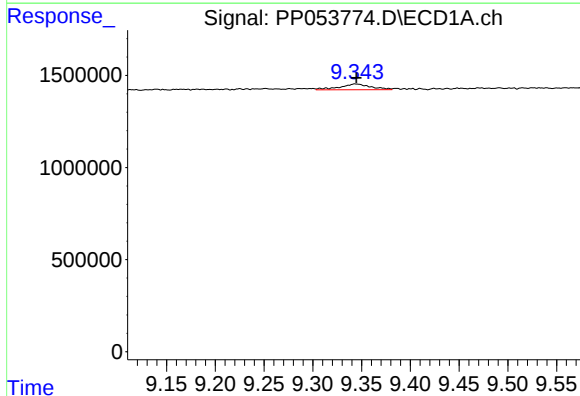
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 575538
Conc: 9.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



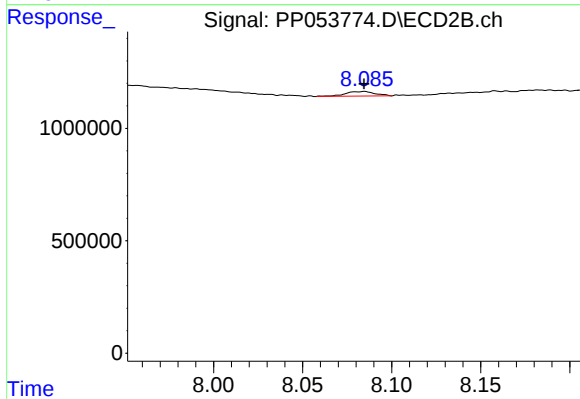
#39 AR-1262-4

R.T.: 7.587 min
Delta R.T.: 0.000 min
Response: 1125254
Conc: 9.84 ng/ml



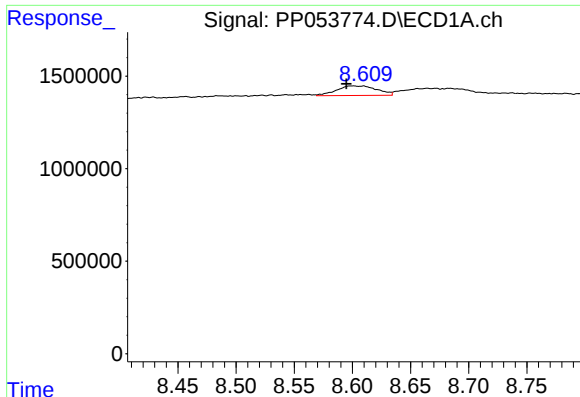
#40 AR-1262-5

R.T.: 9.344 min
Delta R.T.: -0.001 min
Response: 701011
Conc: 9.92 ng/ml



#40 AR-1262-5

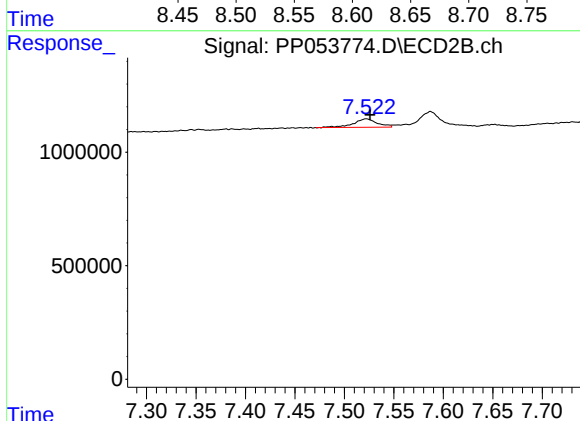
R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 237111
Conc: 4.76 ng/ml



#41 AR-1268-1

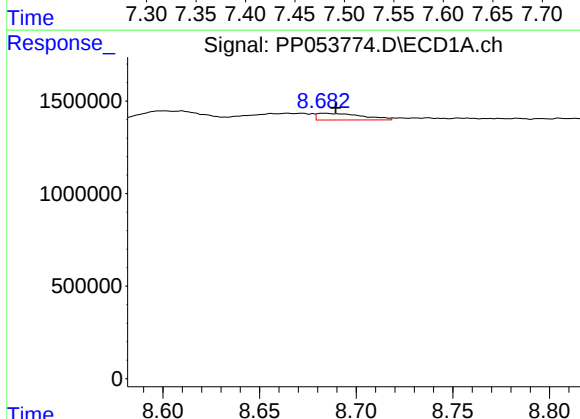
R.T.: 8.600 min
Delta R.T.: 0.005 min
Response: 1246134
Conc: 5.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



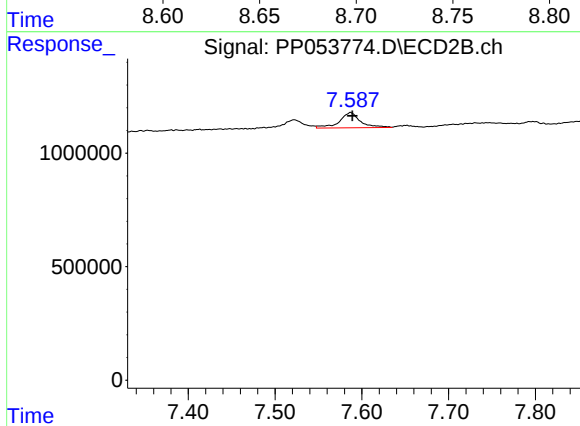
#41 AR-1268-1

R.T.: 7.522 min
Delta R.T.: -0.004 min
Response: 629299
Conc: 3.48 ng/ml



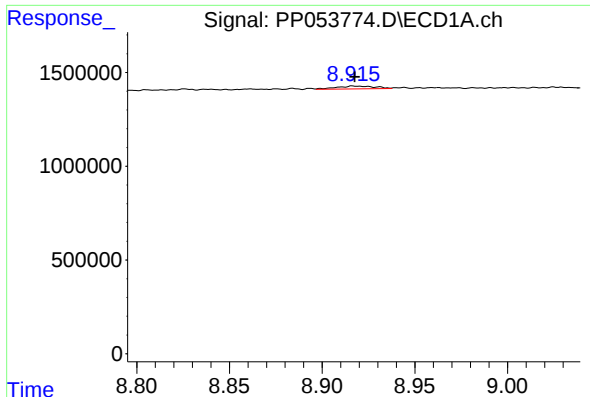
#42 AR-1268-2

R.T.: 8.683 min
Delta R.T.: -0.006 min
Response: 575538
Conc: 2.53 ng/ml



#42 AR-1268-2

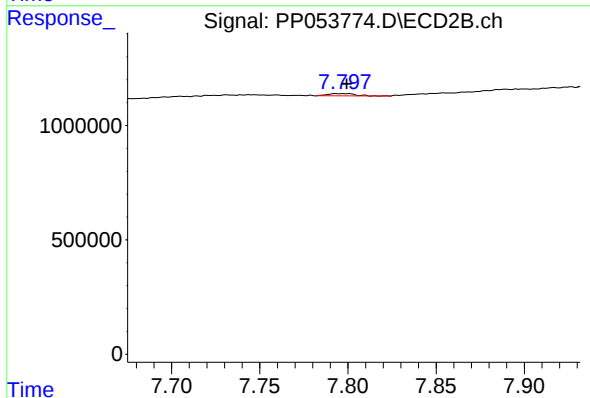
R.T.: 7.587 min
Delta R.T.: -0.002 min
Response: 1125254
Conc: 6.59 ng/ml



#43 AR-1268-3

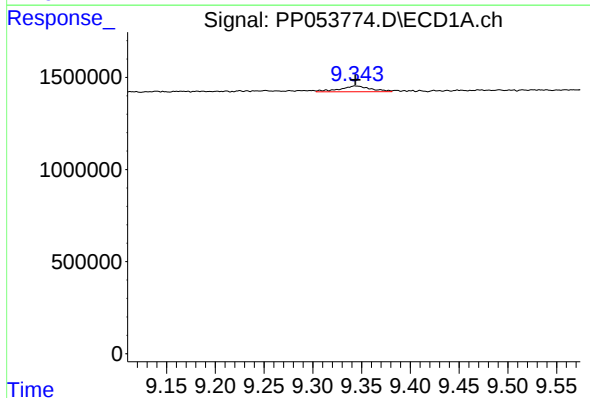
R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 219290
Conc: 1.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



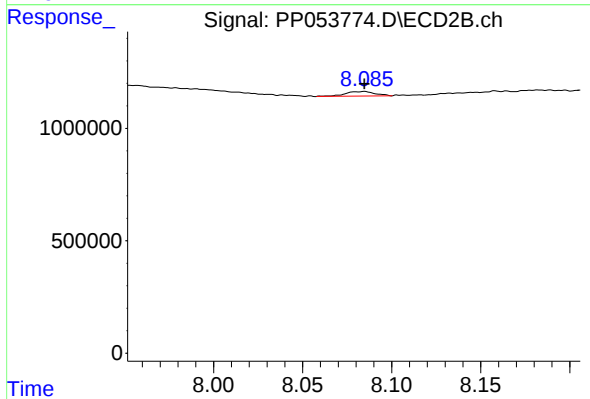
#43 AR-1268-3

R.T.: 7.798 min
Delta R.T.: 0.000 min
Response: 104566
Conc: 0.71 ng/ml



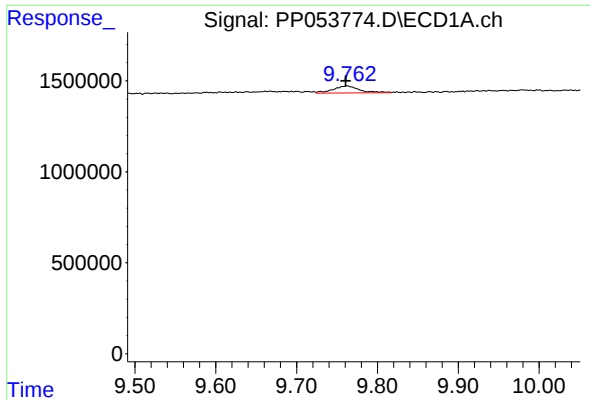
#44 AR-1268-4

R.T.: 9.344 min
Delta R.T.: 0.000 min
Response: 701011
Conc: 9.11 ng/ml



#44 AR-1268-4

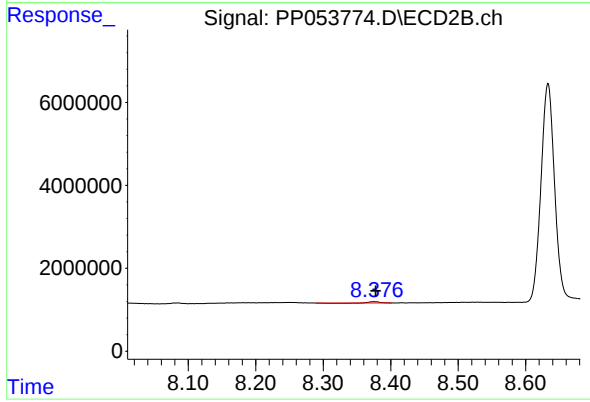
R.T.: 8.084 min
Delta R.T.: 0.000 min
Response: 237111
Conc: 4.25 ng/ml



#45 AR-1268-5

R.T.: 9.763 min
Delta R.T.: 0.002 min
Response: 863709
Conc: 1.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.376 min
Delta R.T.: -0.002 min
Response: 200929
Conc: 0.43 ng/ml