

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011023\
 Data File : PP054373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jan 2023 09:05
 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 11 02:12:58 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	3.587	104.9E6	76651470	51.783	47.521
2)	SA Decachlor...	10.102	8.610	64446069	70856110	44.873	50.229
Target Compounds							
3)	L1 AR-1016-1	5.510	4.692f	35787978	62685768	484.297	1204.745 #
4)	L1 AR-1016-2	5.533	4.692	50147797	62685768	469.906	875.223 #
5)	L1 AR-1016-3	5.595	4.868	30965503	19210026	452.624	489.703
6)	L1 AR-1016-4	5.693	4.910	23098628	15844039	443.654	460.397
7)	L1 AR-1016-5	5.990	5.124	20131833	21139961	444.640	480.810
8)	L2 AR-1221-1	4.542	3.799	3611690	2788804	150.210	145.947
9)	L2 AR-1221-2	4.634	3.886	5690821	4063763	321.208	275.607
10)	L2 AR-1221-3	4.710	3.962	20787948	15463749	385.688	348.162
11)	L3 AR-1232-1	4.710	3.962	20787948	15463749	462.144	415.488
12)	L3 AR-1232-2	5.241	4.692	29142866	62685768	1116.830	1169.611
13)	L3 AR-1232-3	5.533	4.868	50147797	19210026	1090.185	1157.048
14)	L3 AR-1232-4	5.693	4.952	23098628	20303181	1031.537	1210.305
15)	L3 AR-1232-5	5.785	5.124	19337563	21139961	1086.622	1170.872
16)	L4 AR-1242-1	5.510	4.692f	35787978	62685768	602.722	1484.828 #
17)	L4 AR-1242-2	5.533	4.692	50147797	62685768	586.568	1076.735 #
18)	L4 AR-1242-3	5.595	4.868	30965503	19210026	566.742	600.671
19)	L4 AR-1242-4	5.693	4.952	23098628	20303181	551.134	582.015
20)	L4 AR-1242-5	6.435	5.477	6277021	20691381	191.230	549.949 #
21)	L5 AR-1248-1	5.510	4.692f	35787978	62685768	797.119	1927.102 #
22)	L5 AR-1248-2	5.785	4.910	19337563	15844039	304.347	320.833
23)	L5 AR-1248-3	5.990	4.952	20131833	20303181	339.635	393.432
24)	L5 AR-1248-4	6.395	5.124	6890648	21139961	118.952	358.208 #
25)	L5 AR-1248-5	6.435	5.518	6277021	5488651	113.130	110.670
26)	L6 AR-1254-1	6.369	5.477	17374499	20691381	279.625	241.283
27)	L6 AR-1254-2	6.589	5.625	14808326	15230177	157.793	205.009 #
28)	L6 AR-1254-3	6.956	6.046	6638059	26247342	69.929	226.130 #
29)	L6 AR-1254-4	7.243	6.260	5502150	1828346	81.111	29.044 #
30)	L6 AR-1254-5	7.662	6.678	44880190	47034477	590.384	491.902
31)	L7 AR-1260-1	7.122	6.161	35289896	39261687	452.699	463.474
32)	L7 AR-1260-2	7.380	6.350	40683712	46054103	454.220	481.536
33)	L7 AR-1260-3	7.741	6.504	30211636	43276962	442.104	473.465
34)	L7 AR-1260-4	7.967	6.978	34922398	36401224	438.332	480.195
35)	L7 AR-1260-5	8.285	7.221	61561998	76841082	429.244	485.089
36)	L8 AR-1262-1	7.741	6.771	30211636	19882606	359.130	486.989 #
37)	L8 AR-1262-2	8.285	6.978	61561998	36401224	435.011	420.440
38)	L8 AR-1262-3	8.608	7.506	41729840	17384870	402.989	260.411 #
39)	L8 AR-1262-4	8.683	7.569	12568057	56946832	248.256	486.638 #
40)	L8 AR-1262-5	9.345	8.066	18423060	16473198	327.951	299.032
41)	L9 AR-1268-1	8.608	7.506	41729840	17384870	214.073	85.613 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

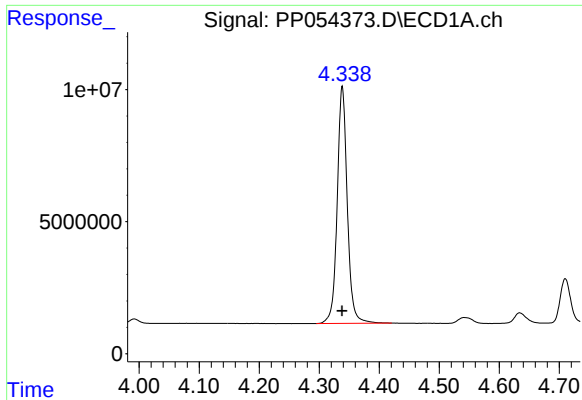
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 02:12:58 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP010423.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	8.683	7.569	12568057	56946832	71.217	309.116 #
43) L9	AR-1268-3	8.917	7.778	918227	1100334	5.920	6.437
44) L9	AR-1268-4	9.345	8.066	18423060	16473198	269.253	260.728
45) L9	AR-1268-5	9.762	8.355	5545412	6560396	10.878	13.405

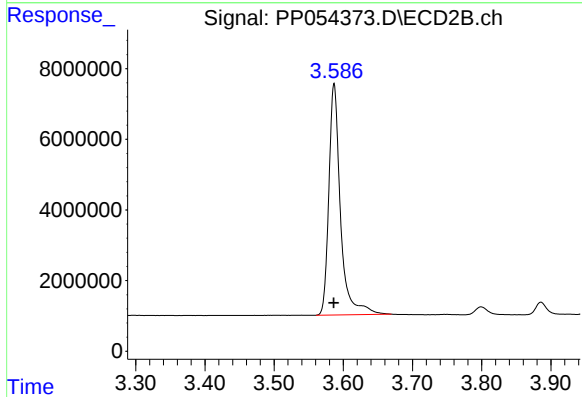
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

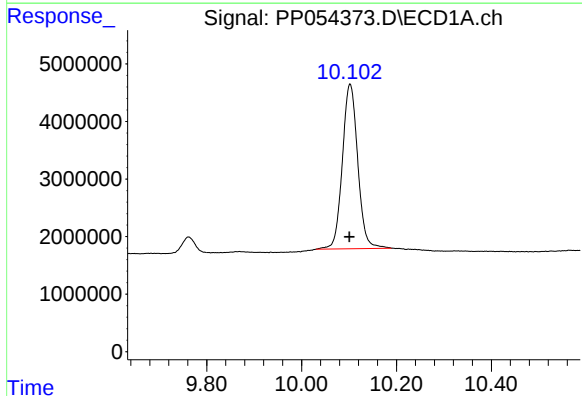
R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 104863559
Conc: 51.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



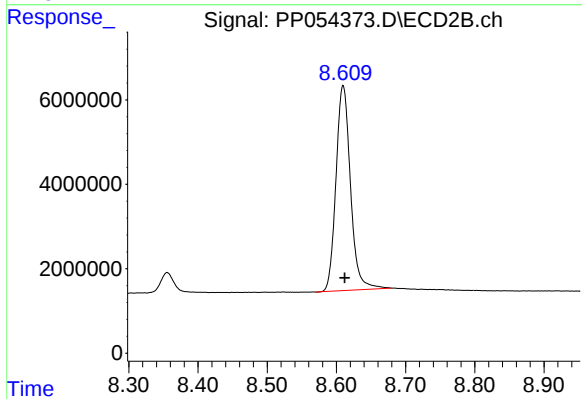
#1 Tetrachloro-m-xylene

R.T.: 3.587 min
Delta R.T.: 0.000 min
Response: 76651470
Conc: 47.52 ng/ml



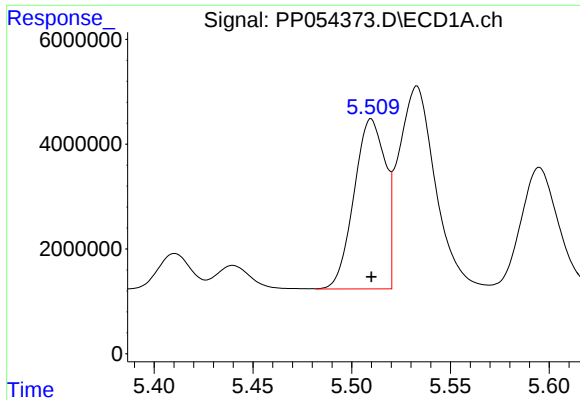
#2 Decachlorobiphenyl

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 64446069
Conc: 44.87 ng/ml



#2 Decachlorobiphenyl

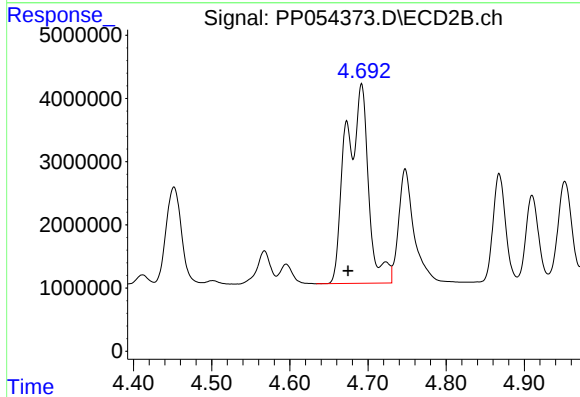
R.T.: 8.610 min
Delta R.T.: -0.002 min
Response: 70856110
Conc: 50.23 ng/ml



#3 AR-1016-1

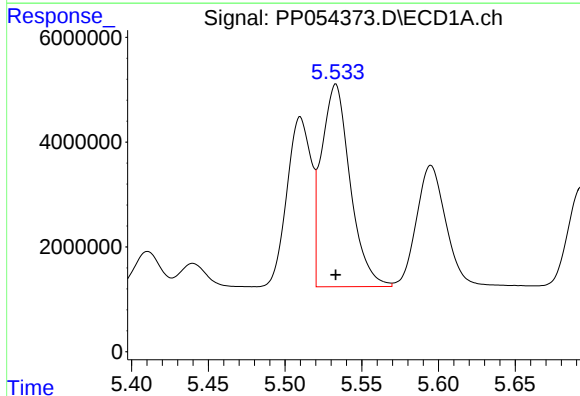
R.T.: 5.510 min
Delta R.T.: 0.000 min
Response: 35787978
Conc: 484.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



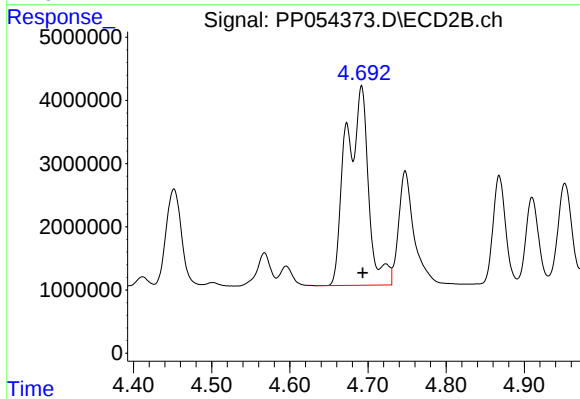
#3 AR-1016-1

R.T.: 4.692 min
Delta R.T.: 0.017 min
Response: 62685768
Conc: 1204.75 ng/ml



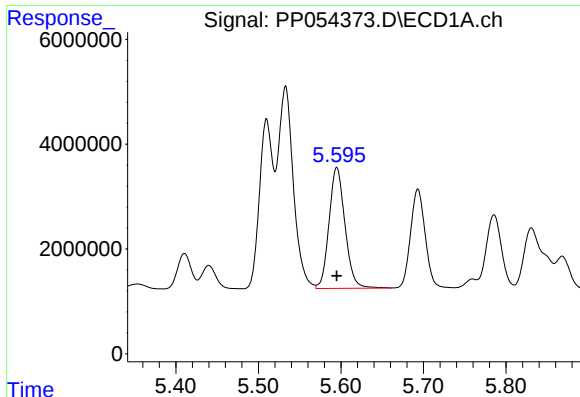
#4 AR-1016-2

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 50147797
Conc: 469.91 ng/ml



#4 AR-1016-2

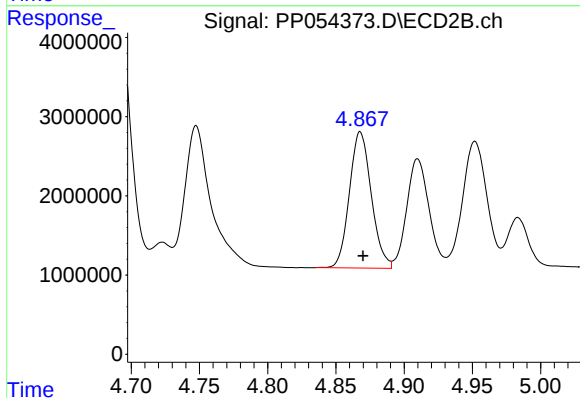
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 62685768
Conc: 875.22 ng/ml



#5 AR-1016-3

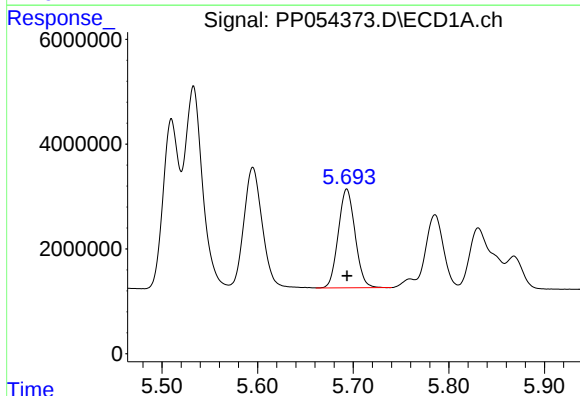
R.T.: 5.595 min
Delta R.T.: 0.000 min
Response: 30965503
Conc: 452.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



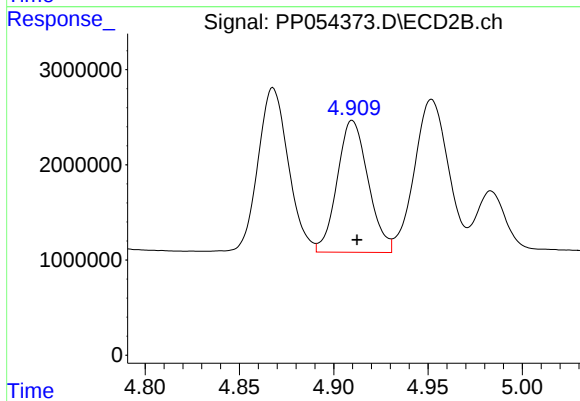
#5 AR-1016-3

R.T.: 4.868 min
Delta R.T.: -0.002 min
Response: 19210026
Conc: 489.70 ng/ml



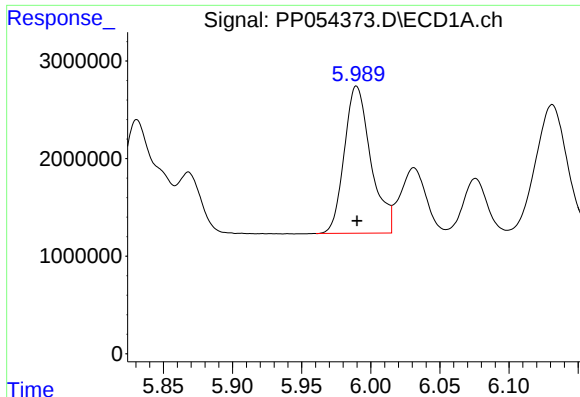
#6 AR-1016-4

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 23098628
Conc: 443.65 ng/ml



#6 AR-1016-4

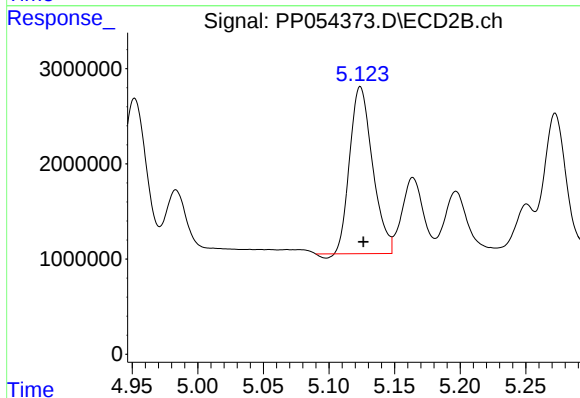
R.T.: 4.910 min
Delta R.T.: -0.002 min
Response: 15844039
Conc: 460.40 ng/ml



#7 AR-1016-5

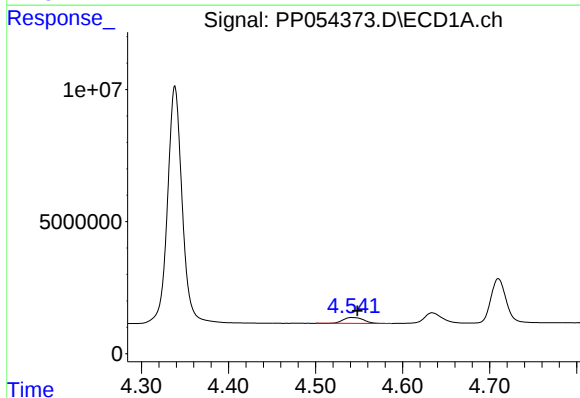
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 20131833
Conc: 444.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



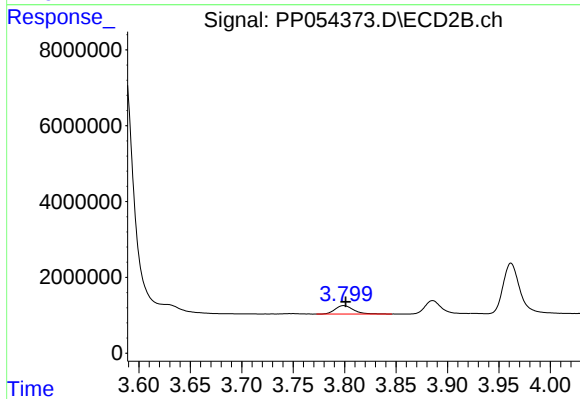
#7 AR-1016-5

R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 21139961
Conc: 480.81 ng/ml



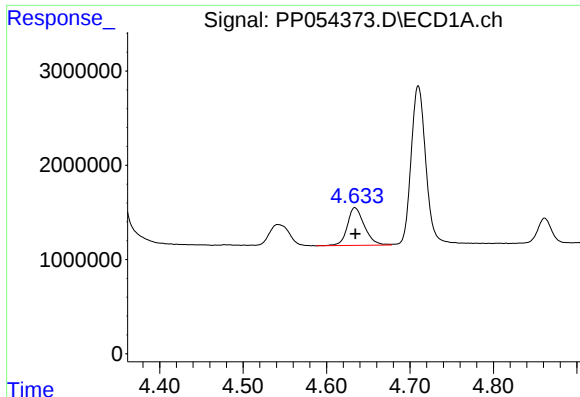
#8 AR-1221-1

R.T.: 4.542 min
Delta R.T.: -0.006 min
Response: 3611690
Conc: 150.21 ng/ml



#8 AR-1221-1

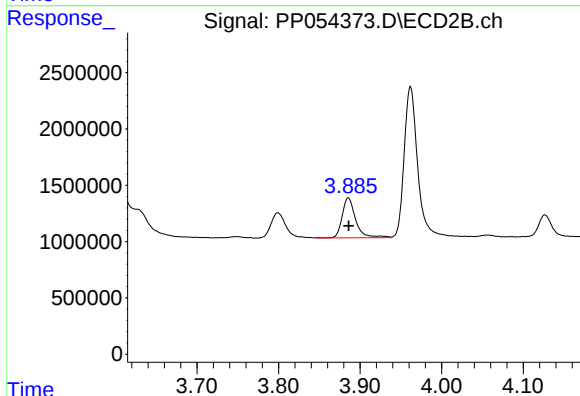
R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 2788804
Conc: 145.95 ng/ml



#9 AR-1221-2

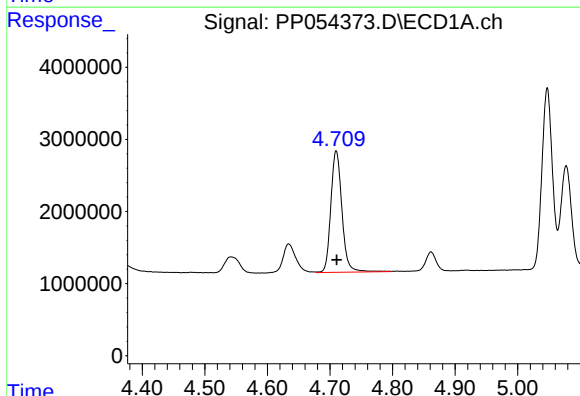
R.T.: 4.634 min
Delta R.T.: 0.000 min
Response: 5690821
Conc: 321.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



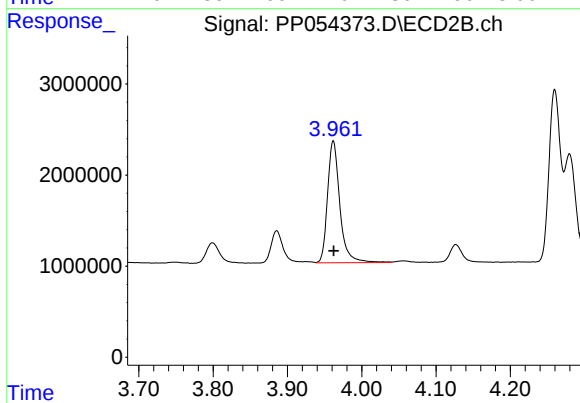
#9 AR-1221-2

R.T.: 3.886 min
Delta R.T.: 0.000 min
Response: 4063763
Conc: 275.61 ng/ml



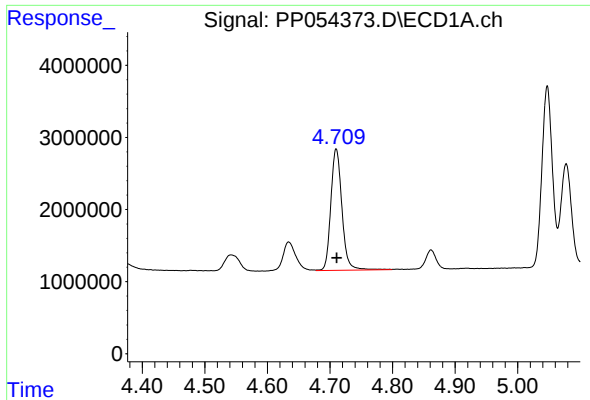
#10 AR-1221-3

R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 20787948
Conc: 385.69 ng/ml



#10 AR-1221-3

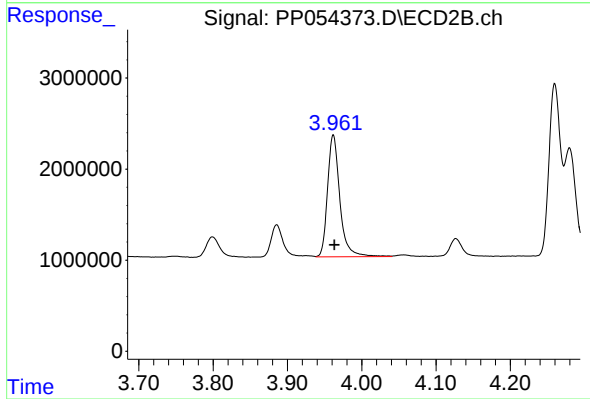
R.T.: 3.962 min
Delta R.T.: 0.000 min
Response: 15463749
Conc: 348.16 ng/ml



#11 AR-1232-1

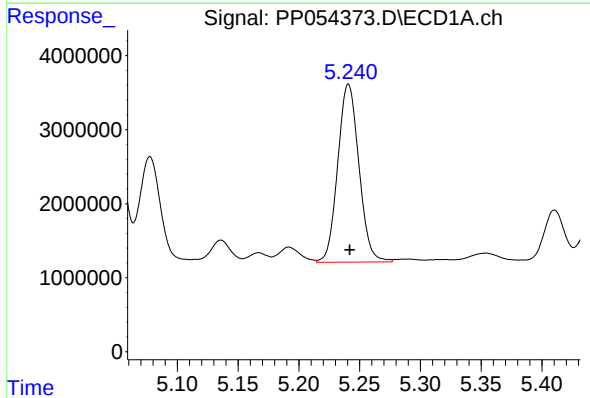
R.T.: 4.710 min
Delta R.T.: 0.000 min
Response: 20787948
Conc: 462.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



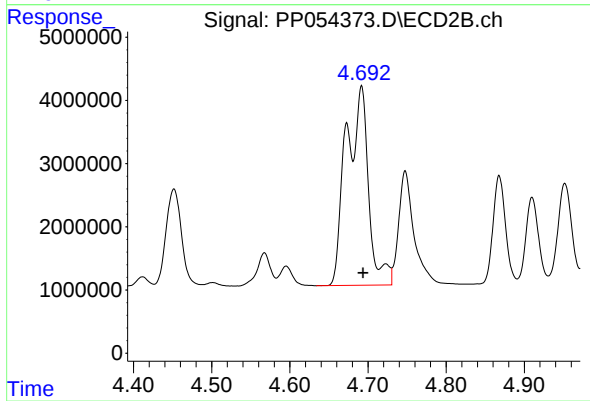
#11 AR-1232-1

R.T.: 3.962 min
Delta R.T.: -0.001 min
Response: 15463749
Conc: 415.49 ng/ml



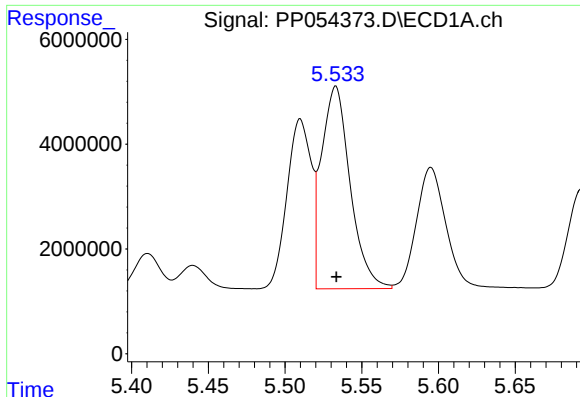
#12 AR-1232-2

R.T.: 5.241 min
Delta R.T.: 0.000 min
Response: 29142866
Conc: 1116.83 ng/ml



#12 AR-1232-2

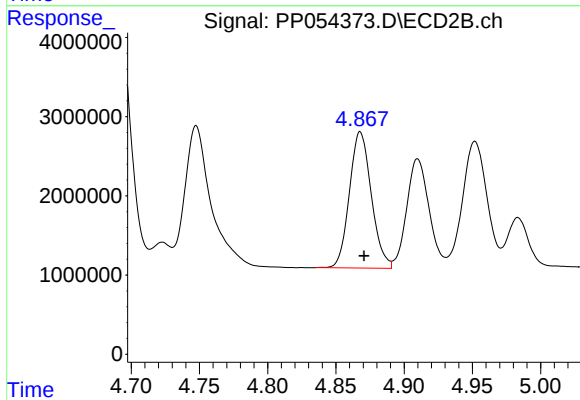
R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 62685768
Conc: 1169.61 ng/ml



#13 AR-1232-3

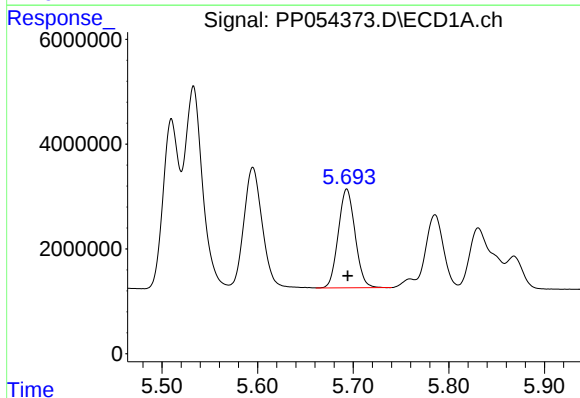
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 50147797
Conc: 1090.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



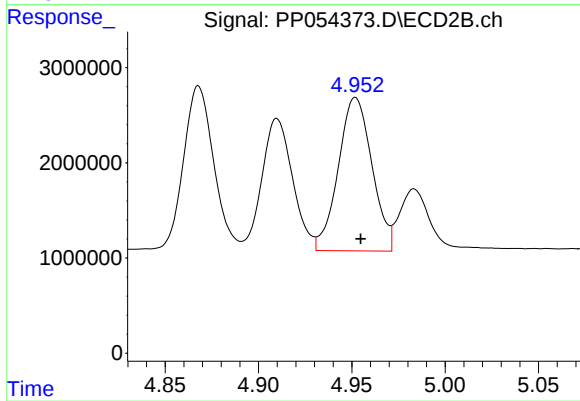
#13 AR-1232-3

R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 19210026
Conc: 1157.05 ng/ml



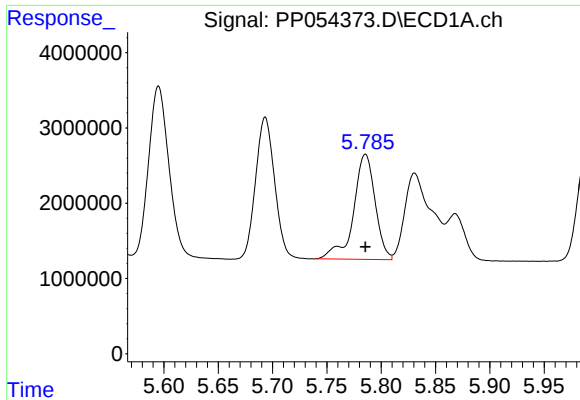
#14 AR-1232-4

R.T.: 5.693 min
Delta R.T.: 0.000 min
Response: 23098628
Conc: 1031.54 ng/ml



#14 AR-1232-4

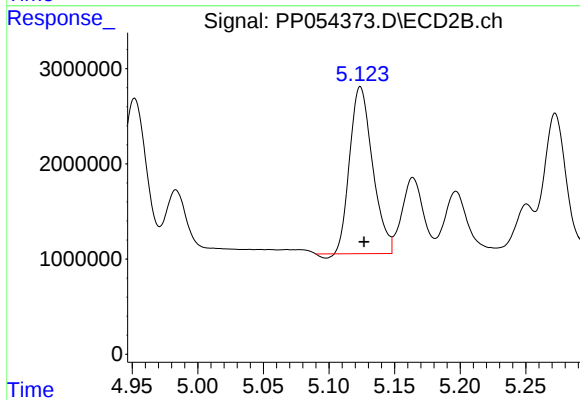
R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 20303181
Conc: 1210.30 ng/ml



#15 AR-1232-5

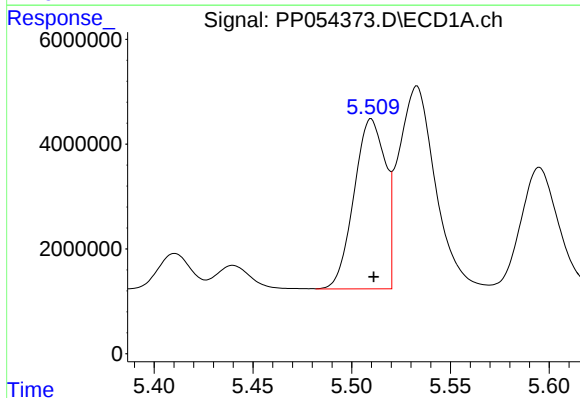
R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 19337563
Conc: 1086.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



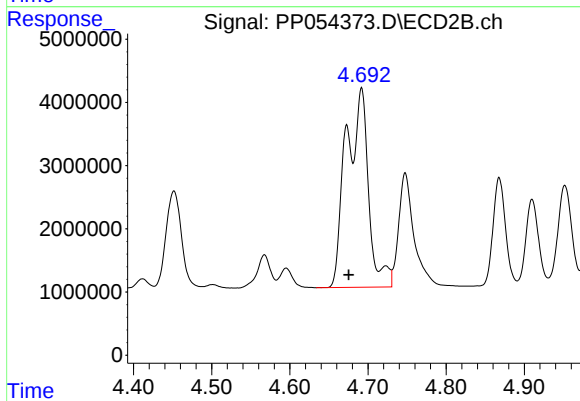
#15 AR-1232-5

R.T.: 5.124 min
Delta R.T.: -0.003 min
Response: 21139961
Conc: 1170.87 ng/ml



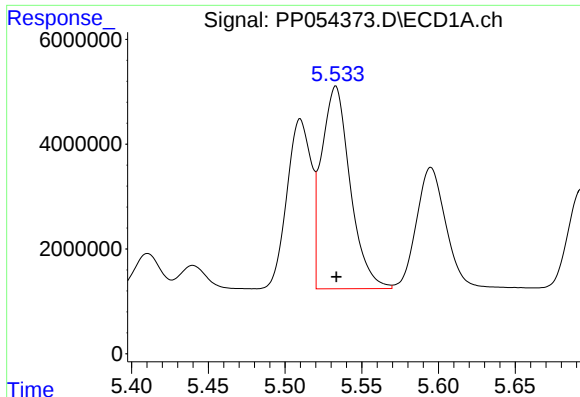
#16 AR-1242-1

R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 35787978
Conc: 602.72 ng/ml



#16 AR-1242-1

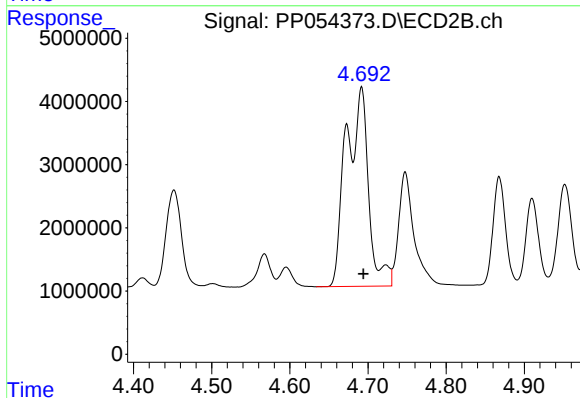
R.T.: 4.692 min
Delta R.T.: 0.016 min
Response: 62685768
Conc: 1484.83 ng/ml



#17 AR-1242-2

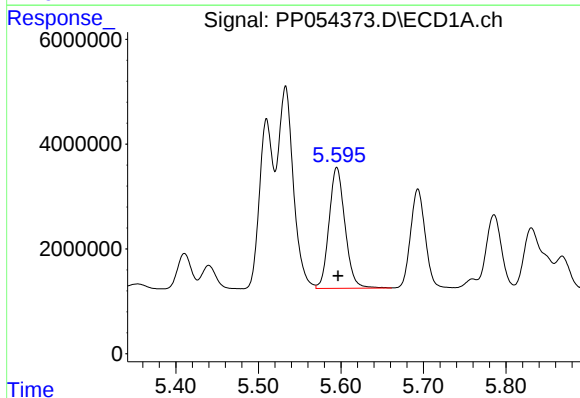
R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 50147797
Conc: 586.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



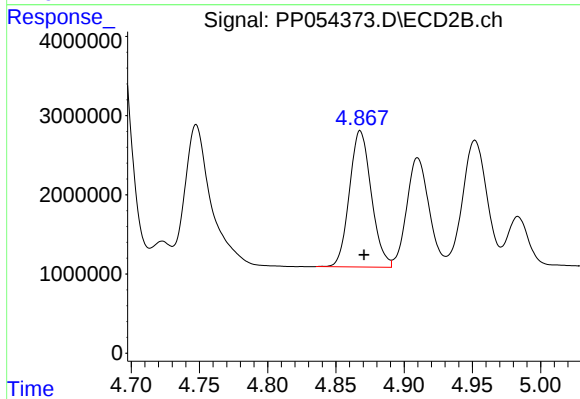
#17 AR-1242-2

R.T.: 4.692 min
Delta R.T.: -0.002 min
Response: 62685768
Conc: 1076.74 ng/ml



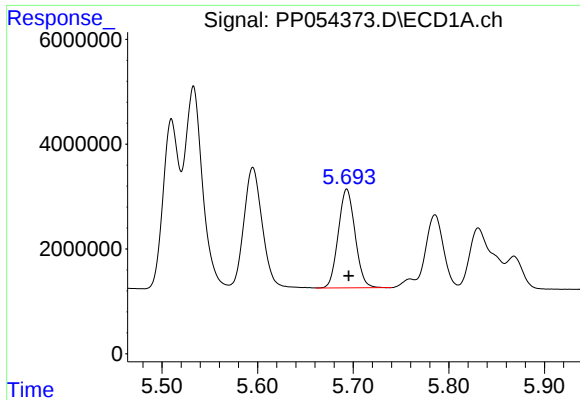
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: -0.002 min
Response: 30965503
Conc: 566.74 ng/ml



#18 AR-1242-3

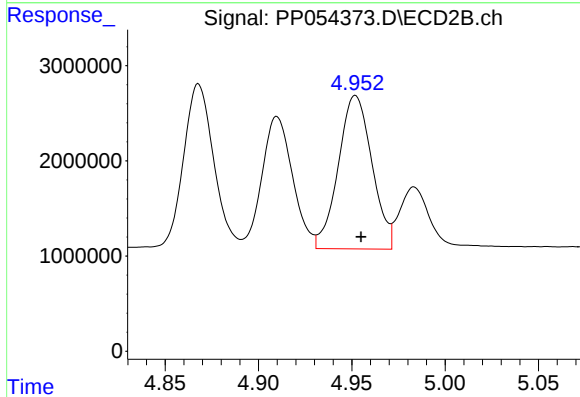
R.T.: 4.868 min
Delta R.T.: -0.003 min
Response: 19210026
Conc: 600.67 ng/ml



#19 AR-1242-4

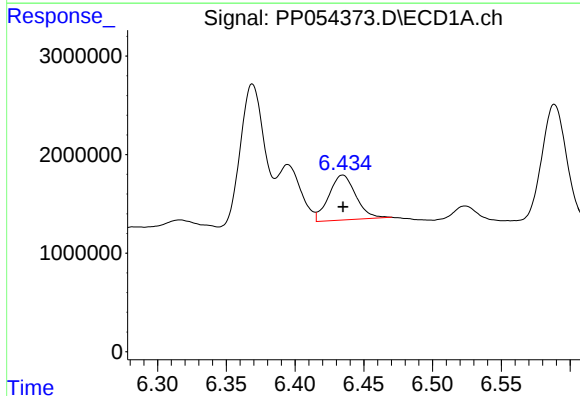
R.T.: 5.693 min
Delta R.T.: -0.002 min
Response: 23098628
Conc: 551.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



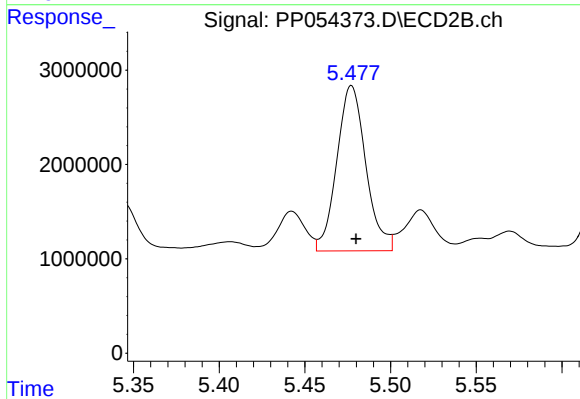
#19 AR-1242-4

R.T.: 4.952 min
Delta R.T.: -0.003 min
Response: 20303181
Conc: 582.01 ng/ml



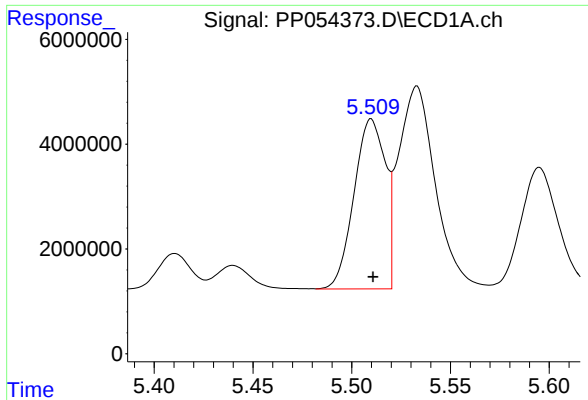
#20 AR-1242-5

R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 6277021
Conc: 191.23 ng/ml



#20 AR-1242-5

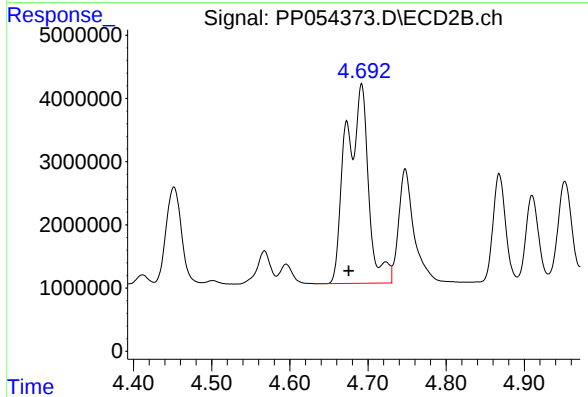
R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 20691381
Conc: 549.95 ng/ml



#21 AR-1248-1

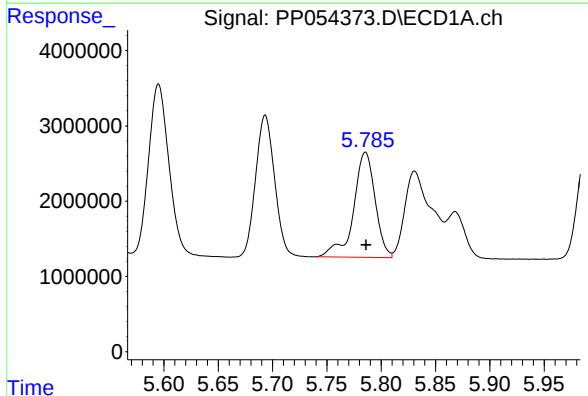
R.T.: 5.510 min
Delta R.T.: -0.001 min
Response: 35787978
Conc: 797.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



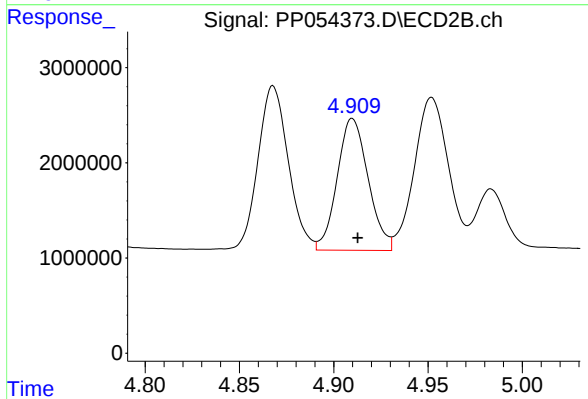
#21 AR-1248-1

R.T.: 4.692 min
Delta R.T.: 0.016 min
Response: 62685768
Conc: 1927.10 ng/ml



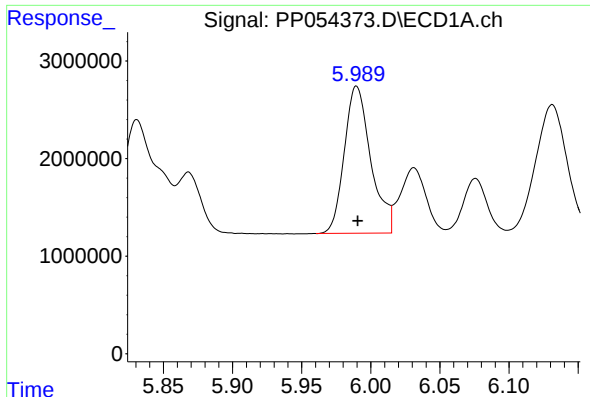
#22 AR-1248-2

R.T.: 5.785 min
Delta R.T.: 0.000 min
Response: 19337563
Conc: 304.35 ng/ml



#22 AR-1248-2

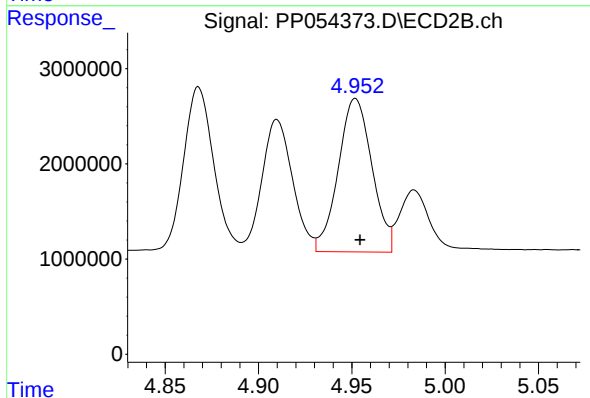
R.T.: 4.910 min
Delta R.T.: -0.003 min
Response: 15844039
Conc: 320.83 ng/ml



#23 AR-1248-3

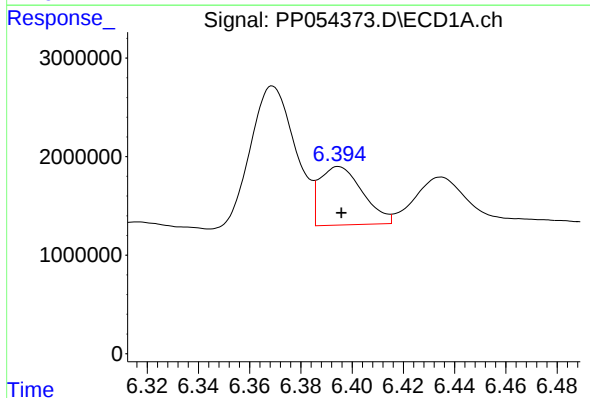
R.T.: 5.990 min
Delta R.T.: 0.000 min
Response: 20131833
Conc: 339.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



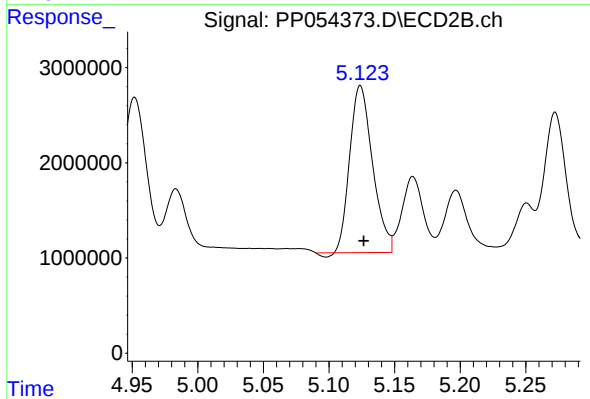
#23 AR-1248-3

R.T.: 4.952 min
Delta R.T.: -0.002 min
Response: 20303181
Conc: 393.43 ng/ml



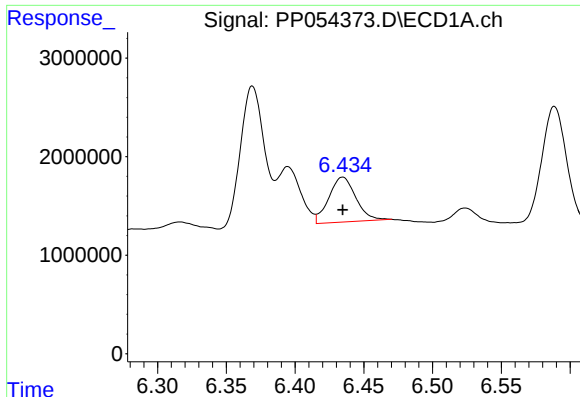
#24 AR-1248-4

R.T.: 6.395 min
Delta R.T.: -0.001 min
Response: 6890648
Conc: 118.95 ng/ml



#24 AR-1248-4

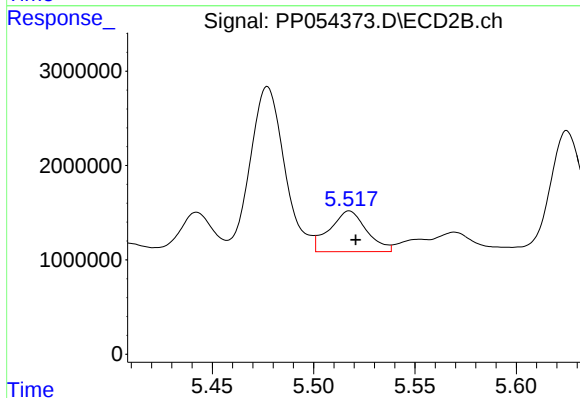
R.T.: 5.124 min
Delta R.T.: -0.002 min
Response: 21139961
Conc: 358.21 ng/ml



#25 AR-1248-5

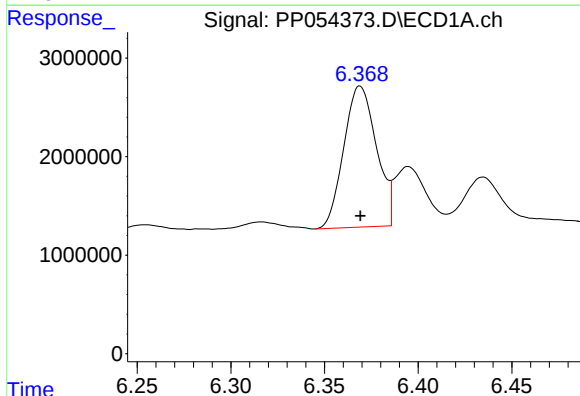
R.T.: 6.435 min
Delta R.T.: 0.000 min
Response: 6277021
Conc: 113.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



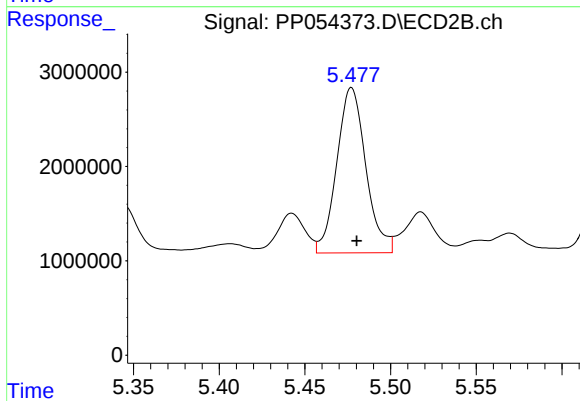
#25 AR-1248-5

R.T.: 5.518 min
Delta R.T.: -0.003 min
Response: 5488651
Conc: 110.67 ng/ml



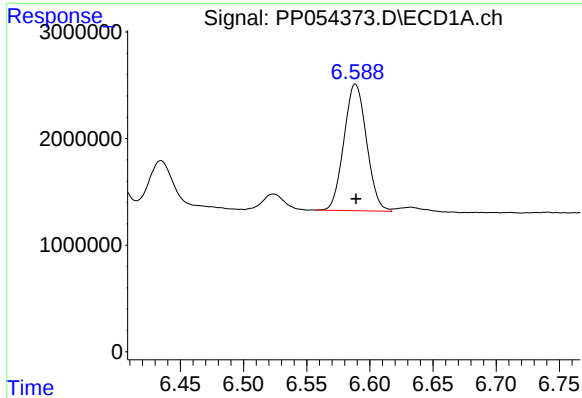
#26 AR-1254-1

R.T.: 6.369 min
Delta R.T.: 0.000 min
Response: 17374499
Conc: 279.63 ng/ml



#26 AR-1254-1

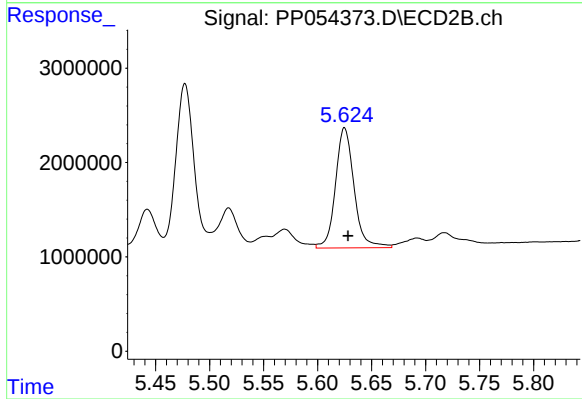
R.T.: 5.477 min
Delta R.T.: -0.003 min
Response: 20691381
Conc: 241.28 ng/ml



#27 AR-1254-2

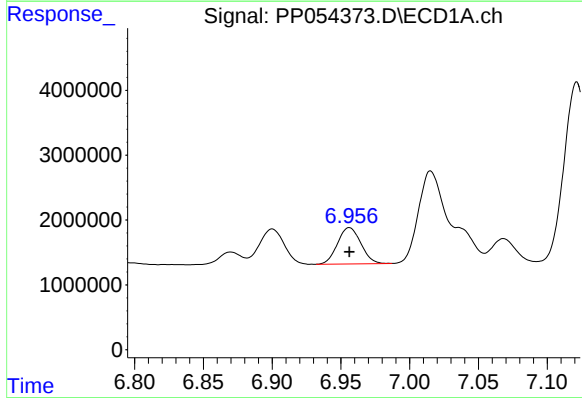
R.T.: 6.589 min
Delta R.T.: 0.000 min
Response: 14808326
Conc: 157.79 ng/ml

Instrument :
ECD_P
ClientSampleId :



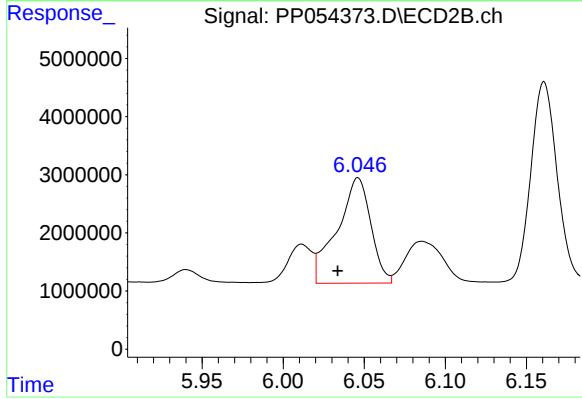
#27 AR-1254-2

R.T.: 5.625 min
Delta R.T.: -0.003 min
Response: 15230177
Conc: 205.01 ng/ml



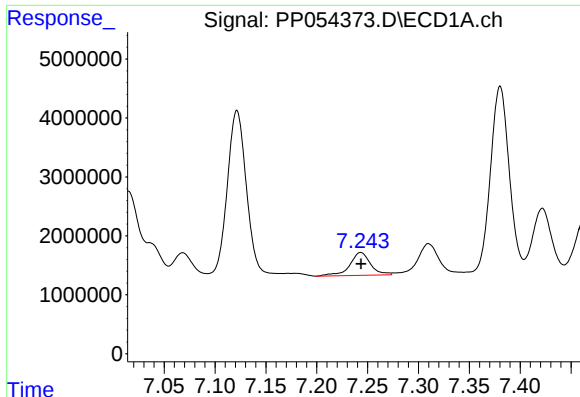
#28 AR-1254-3

R.T.: 6.956 min
Delta R.T.: 0.000 min
Response: 6638059
Conc: 69.93 ng/ml



#28 AR-1254-3

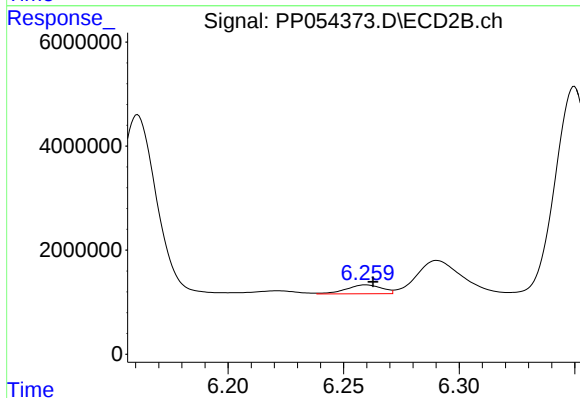
R.T.: 6.046 min
Delta R.T.: 0.012 min
Response: 26247342
Conc: 226.13 ng/ml



#29 AR-1254-4

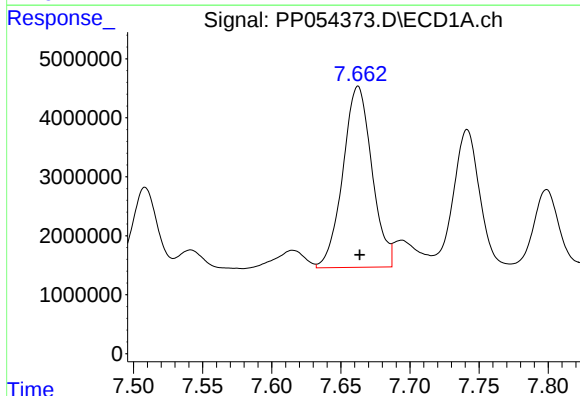
R.T.: 7.243 min
Delta R.T.: 0.000 min
Response: 5502150
Conc: 81.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



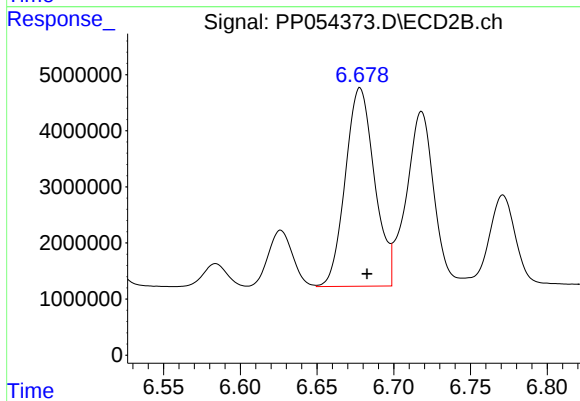
#29 AR-1254-4

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 1828346
Conc: 29.04 ng/ml



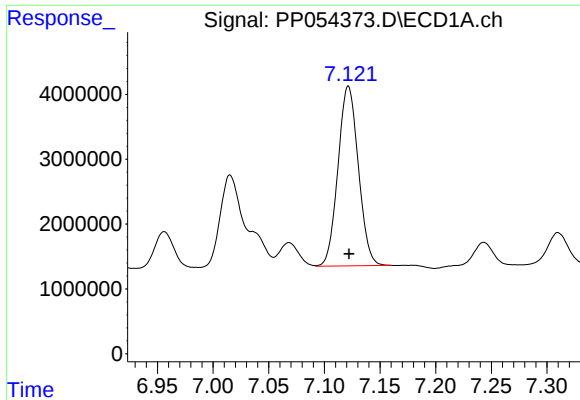
#30 AR-1254-5

R.T.: 7.662 min
Delta R.T.: -0.001 min
Response: 44880190
Conc: 590.38 ng/ml



#30 AR-1254-5

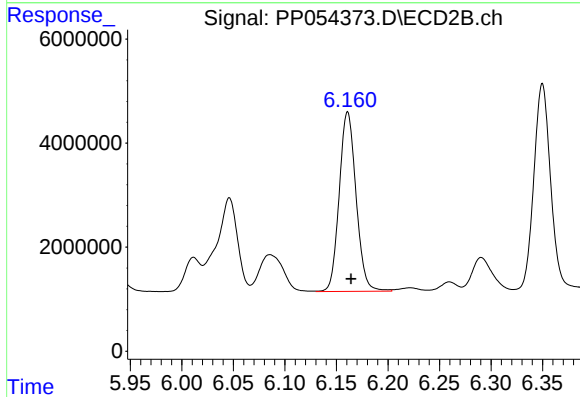
R.T.: 6.678 min
Delta R.T.: -0.005 min
Response: 47034477
Conc: 491.90 ng/ml



#31 AR-1260-1

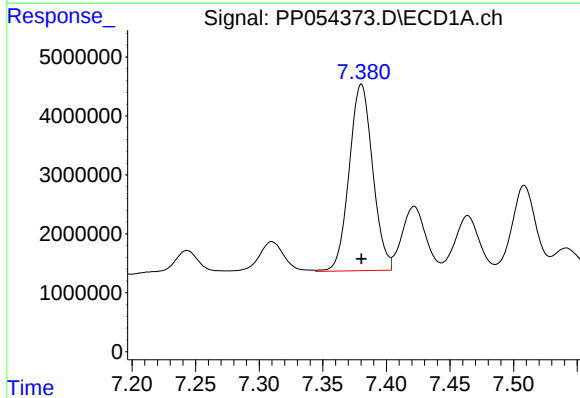
R.T.: 7.122 min
Delta R.T.: 0.000 min
Response: 35289896
Conc: 452.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



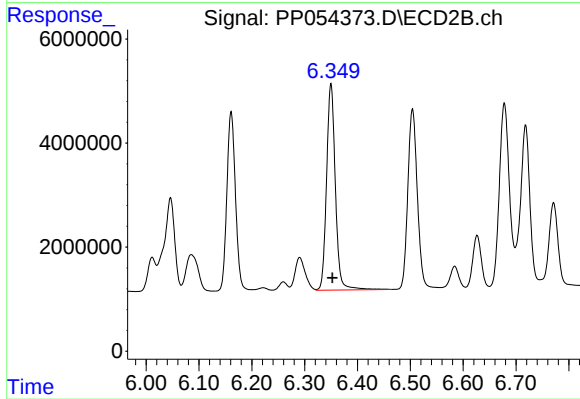
#31 AR-1260-1

R.T.: 6.161 min
Delta R.T.: -0.003 min
Response: 39261687
Conc: 463.47 ng/ml



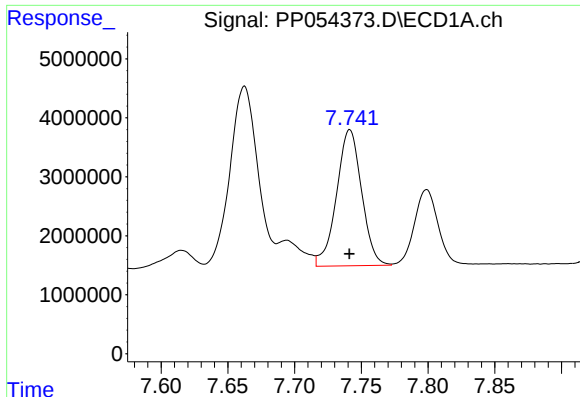
#32 AR-1260-2

R.T.: 7.380 min
Delta R.T.: 0.000 min
Response: 40683712
Conc: 454.22 ng/ml



#32 AR-1260-2

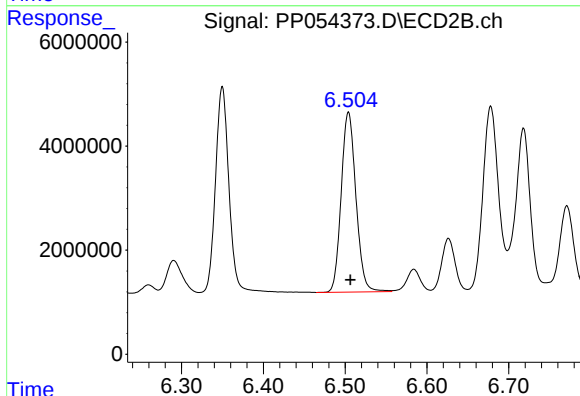
R.T.: 6.350 min
Delta R.T.: -0.002 min
Response: 46054103
Conc: 481.54 ng/ml



#33 AR-1260-3

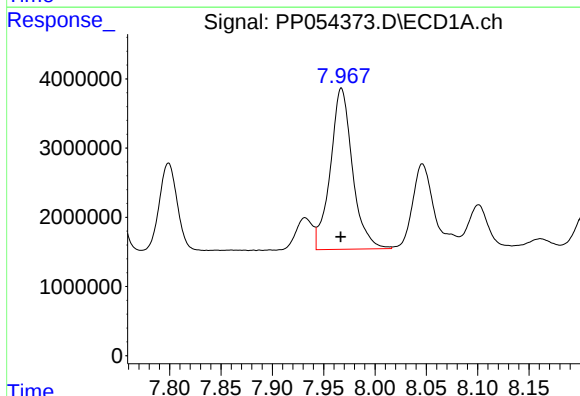
R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 30211636
Conc: 442.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



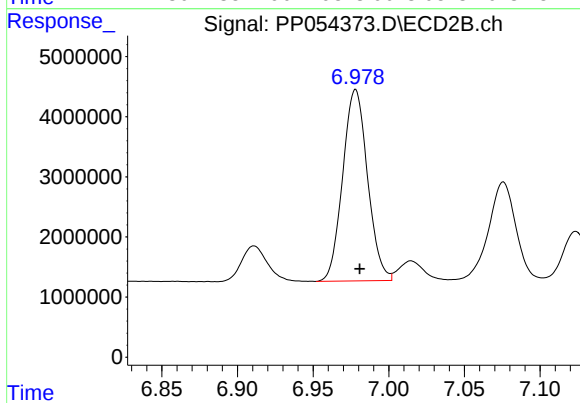
#33 AR-1260-3

R.T.: 6.504 min
Delta R.T.: -0.002 min
Response: 43276962
Conc: 473.46 ng/ml



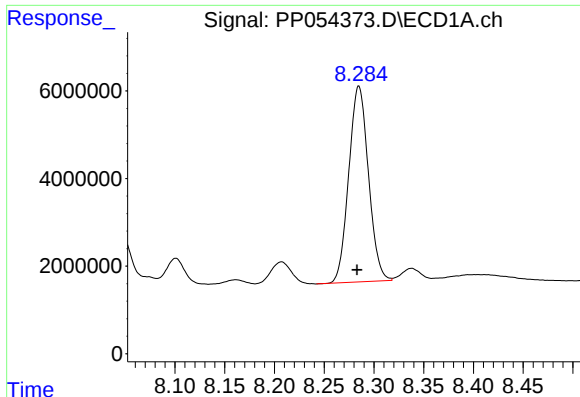
#34 AR-1260-4

R.T.: 7.967 min
Delta R.T.: 0.000 min
Response: 34922398
Conc: 438.33 ng/ml



#34 AR-1260-4

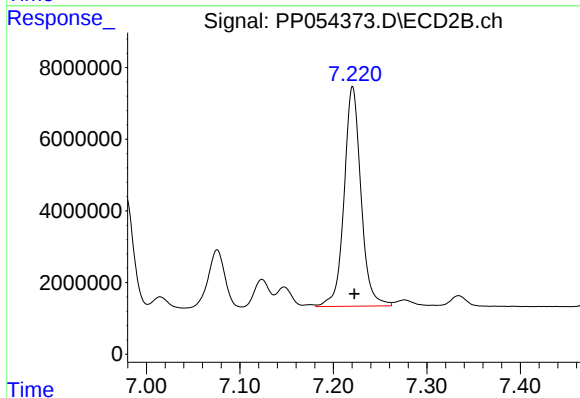
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 36401224
Conc: 480.20 ng/ml



#35 AR-1260-5

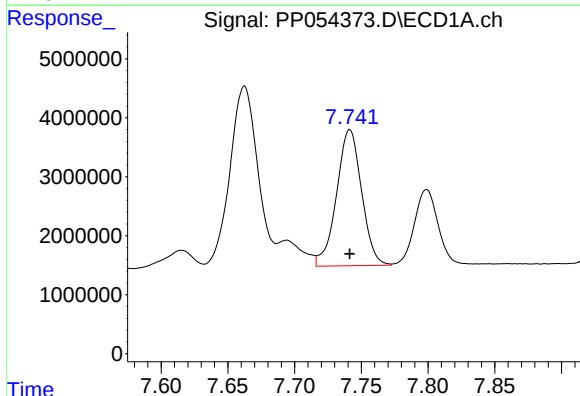
R.T.: 8.285 min
Delta R.T.: 0.002 min
Response: 61561998
Conc: 429.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



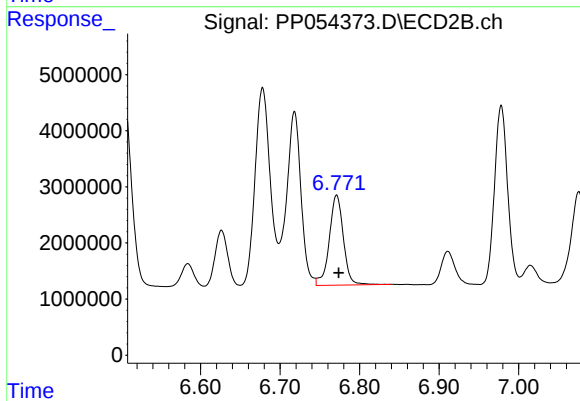
#35 AR-1260-5

R.T.: 7.221 min
Delta R.T.: -0.002 min
Response: 76841082
Conc: 485.09 ng/ml



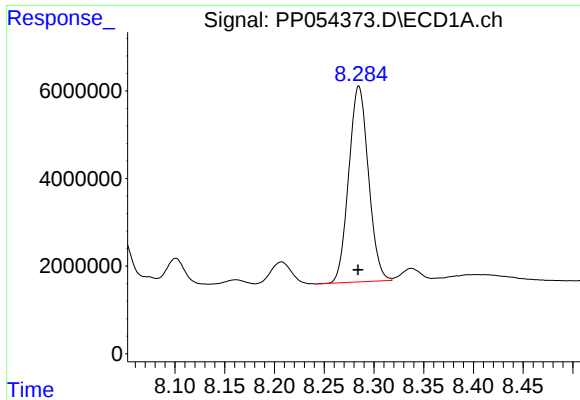
#36 AR-1262-1

R.T.: 7.741 min
Delta R.T.: 0.000 min
Response: 30211636
Conc: 359.13 ng/ml



#36 AR-1262-1

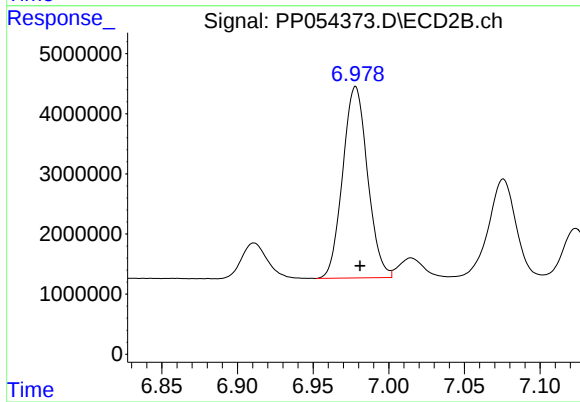
R.T.: 6.771 min
Delta R.T.: -0.003 min
Response: 19882606
Conc: 486.99 ng/ml



#37 AR-1262-2

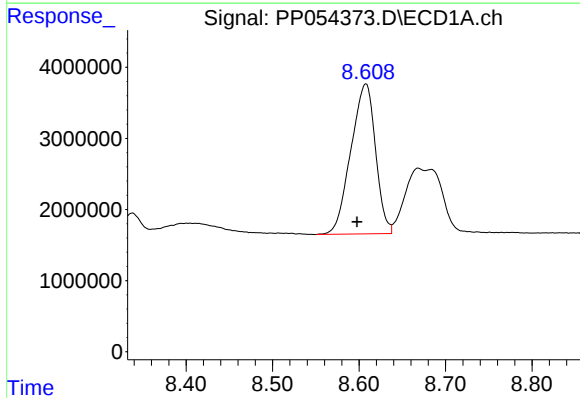
R.T.: 8.285 min
Delta R.T.: 0.000 min
Response: 61561998
Conc: 435.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



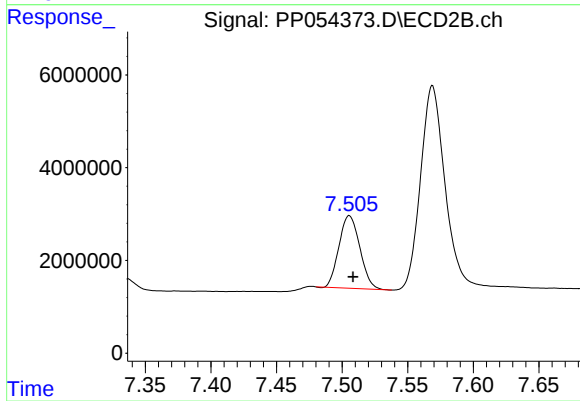
#37 AR-1262-2

R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 36401224
Conc: 420.44 ng/ml



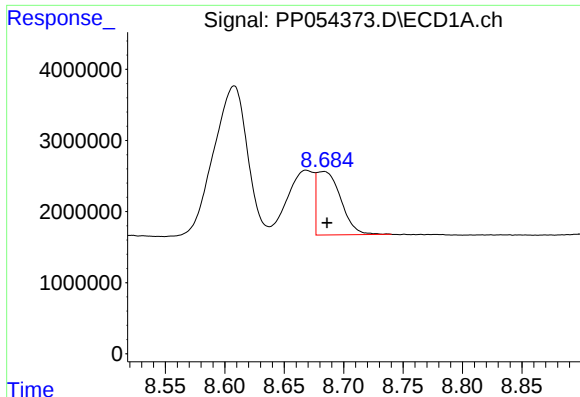
#38 AR-1262-3

R.T.: 8.608 min
Delta R.T.: 0.010 min
Response: 41729840
Conc: 402.99 ng/ml



#38 AR-1262-3

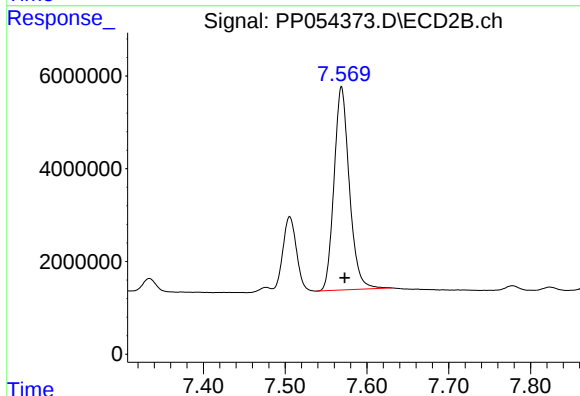
R.T.: 7.506 min
Delta R.T.: -0.003 min
Response: 17384870
Conc: 260.41 ng/ml



#39 AR-1262-4

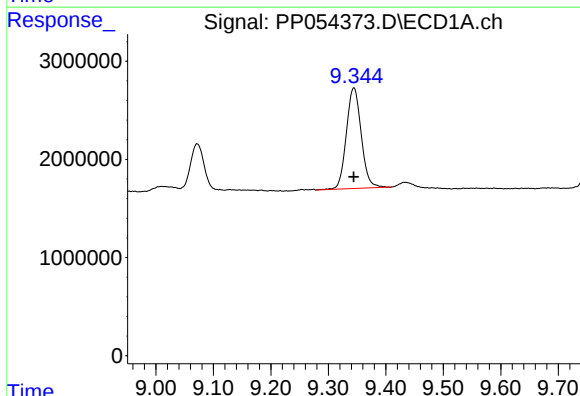
R.T.: 8.683 min
Delta R.T.: -0.003 min
Response: 12568057
Conc: 248.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



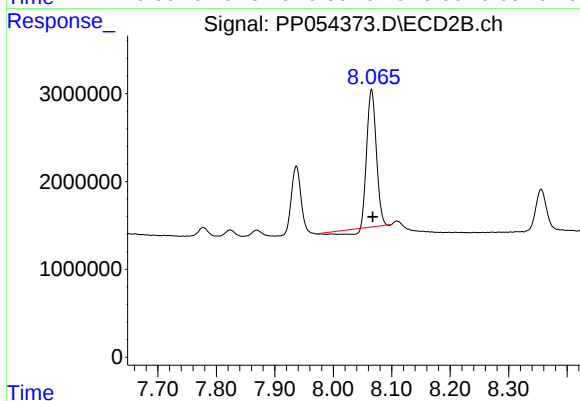
#39 AR-1262-4

R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 56946832
Conc: 486.64 ng/ml



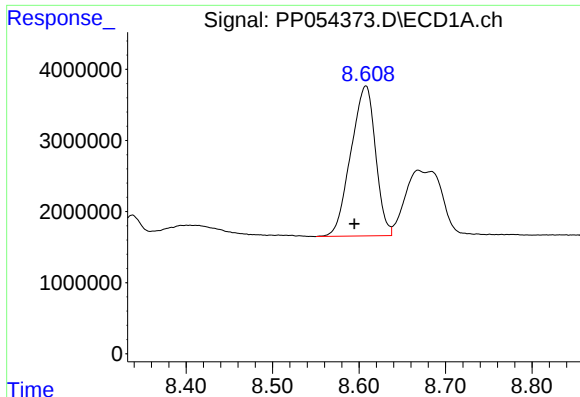
#40 AR-1262-5

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 18423060
Conc: 327.95 ng/ml



#40 AR-1262-5

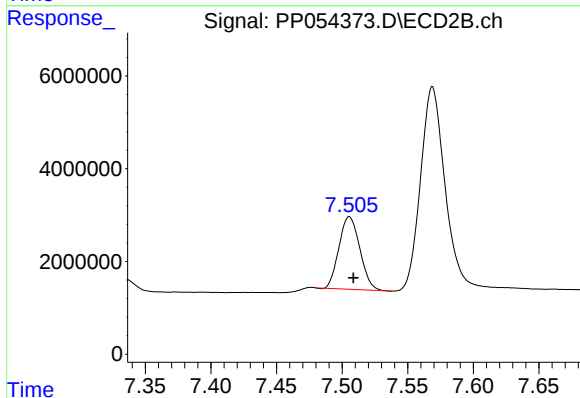
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 16473198
Conc: 299.03 ng/ml



#41 AR-1268-1

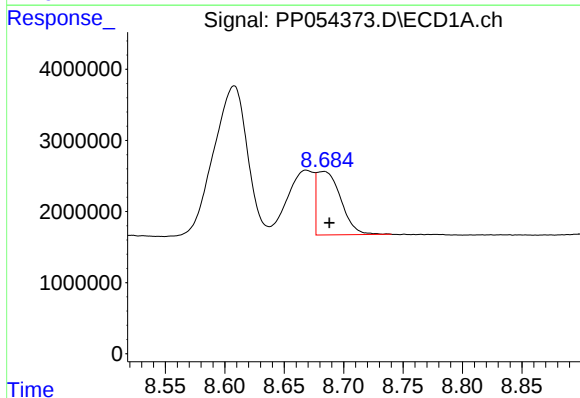
R.T.: 8.608 min
Delta R.T.: 0.013 min
Response: 41729840
Conc: 214.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



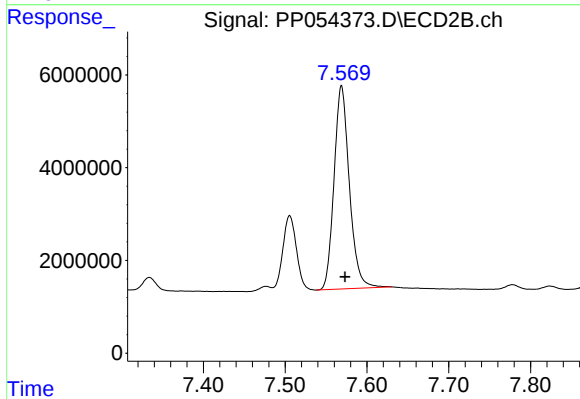
#41 AR-1268-1

R.T.: 7.506 min
Delta R.T.: -0.003 min
Response: 17384870
Conc: 85.61 ng/ml



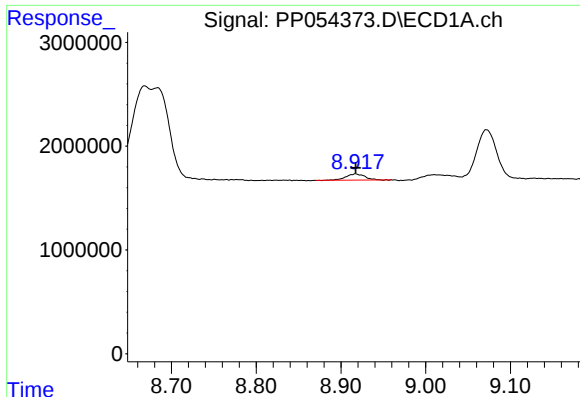
#42 AR-1268-2

R.T.: 8.683 min
Delta R.T.: -0.005 min
Response: 12568057
Conc: 71.22 ng/ml



#42 AR-1268-2

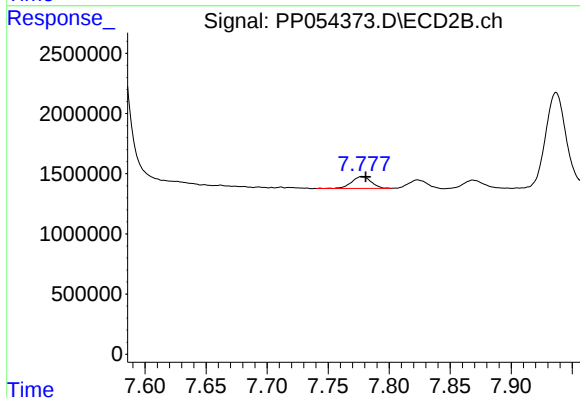
R.T.: 7.569 min
Delta R.T.: -0.004 min
Response: 56946832
Conc: 309.12 ng/ml



#43 AR-1268-3

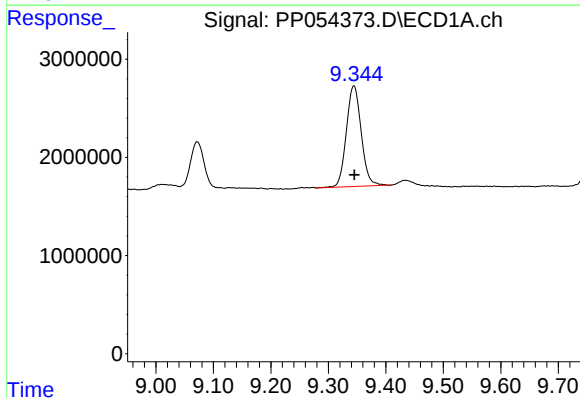
R.T.: 8.917 min
Delta R.T.: 0.000 min
Response: 918227
Conc: 5.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



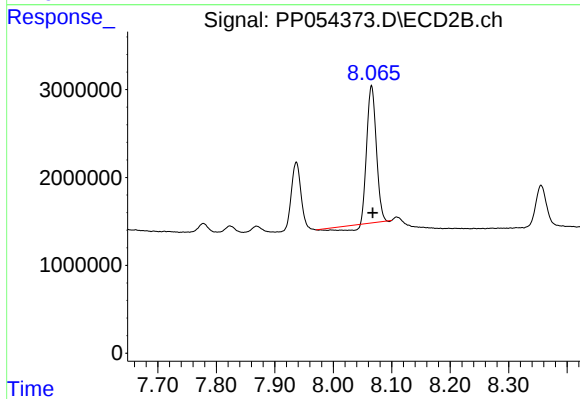
#43 AR-1268-3

R.T.: 7.778 min
Delta R.T.: -0.003 min
Response: 1100334
Conc: 6.44 ng/ml



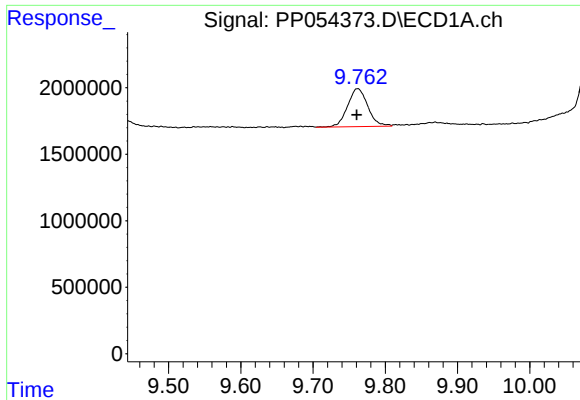
#44 AR-1268-4

R.T.: 9.345 min
Delta R.T.: 0.000 min
Response: 18423060
Conc: 269.25 ng/ml



#44 AR-1268-4

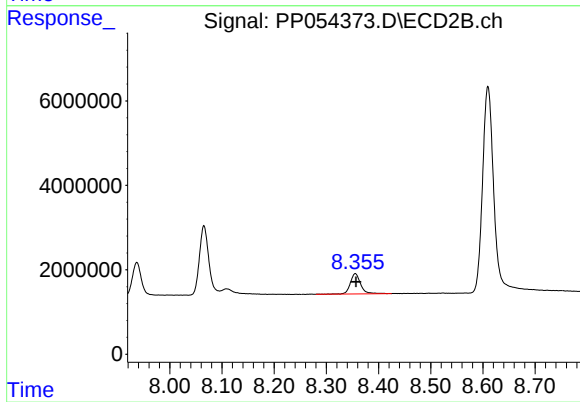
R.T.: 8.066 min
Delta R.T.: -0.002 min
Response: 16473198
Conc: 260.73 ng/ml



#45 AR-1268-5

R.T.: 9.762 min
Delta R.T.: 0.001 min
Response: 5545412
Conc: 10.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.355 min
Delta R.T.: -0.002 min
Response: 6560396
Conc: 13.41 ng/ml