

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011123\
 Data File : PP054462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Jan 2023 19:55
 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 21:17:39 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...	4.334	3.583	102.7E6	77582658	50.729	48.099
2)	SA Decachlor...	10.094	8.604	61782696	69230265	43.018	49.077
Target Compounds							
3)	L1 AR-1016-1	5.506	4.669	34360196	25910014	464.975	497.959
4)	L1 AR-1016-2	5.529	4.688	48659849	36750661	455.963	513.115
5)	L1 AR-1016-3	5.591	4.864	30108885	19745728	440.103	503.359
6)	L1 AR-1016-4	5.689	4.906	22417876	16617530	430.579	482.873
7)	L1 AR-1016-5	5.985	5.120	19681727	21930190	434.699	498.783
8)	L2 AR-1221-1	4.537	3.795	3632583	2879455	151.079	150.691
9)	L2 AR-1221-2	4.630	3.882	5344937	4152752	301.685	281.642
10)	L2 AR-1221-3	4.706	3.958	20208375	16002506	374.935	360.292
11)	L3 AR-1232-1	4.706	3.958	20208375	16002506	449.259	429.964
12)	L3 AR-1232-2	5.237	4.688	28045862	36750661	1074.790	685.706 #
13)	L3 AR-1232-3	5.529	4.864	48659849	19745728	1057.838	1189.315
14)	L3 AR-1232-4	5.689	4.948	22417876	20703357	1001.136	1234.160
15)	L3 AR-1232-5	5.781	5.120	16842285	21930190	946.407	1214.640 #
16)	L4 AR-1242-1	5.506	4.669	34360196	25910014	578.676	613.726
17)	L4 AR-1242-2	5.529	4.688	48659849	36750661	569.164	631.255
18)	L4 AR-1242-3	5.591	4.864	30108885	19745728	551.064	617.421
19)	L4 AR-1242-4	5.689	4.948	22417876	20703357	534.891	593.486
20)	L4 AR-1242-5	6.430	5.473	5237319	20595060	159.556	547.388 #
21)	L5 AR-1248-1	5.506	4.669	34360196	25910014	765.317	796.532
22)	L5 AR-1248-2	5.781	4.906	16842285	16617530	265.075	336.496 #
23)	L5 AR-1248-3	5.985	4.948	19681727	20703357	332.041	401.187
24)	L5 AR-1248-4	6.390	5.120	6330590	21930190	109.284	371.598 #
25)	L5 AR-1248-5	6.430	5.514	5237319	5037380	94.392	101.571
26)	L6 AR-1254-1	6.364	5.473	16948675	20595060	272.772	240.159
27)	L6 AR-1254-2	6.583	5.621	14884440	15117911	158.604	203.497 #
28)	L6 AR-1254-3	6.952	6.042	6648999	27443548	70.044	236.435 #
29)	L6 AR-1254-4	7.238	6.255	4474242	2019794	65.958	32.085 #
30)	L6 AR-1254-5	7.658	6.674	44577024	48699207	586.396	509.312
31)	L7 AR-1260-1	7.117	6.157	34908672	40932959	447.809	483.203
32)	L7 AR-1260-2	7.375	6.346	39657650	47578958	442.764	497.479
33)	L7 AR-1260-3	7.736	6.500	29802430	44229065	436.116	483.881
34)	L7 AR-1260-4	7.962	6.974	34582302	36604848	434.063	482.882
35)	L7 AR-1260-5	8.279	7.216	62160600	78688785	433.418	496.754
36)	L8 AR-1262-1	7.736	6.766	29802430	19914943	354.266	487.781 #
37)	L8 AR-1262-2	8.279	6.974	62160600	36604848	439.241	422.792
38)	L8 AR-1262-3	8.601	7.501	41748474	17272821	403.168	258.732 #
39)	L8 AR-1262-4	8.679	7.565	11240583	57378774	222.035	490.329 #
40)	L8 AR-1262-5	9.337	8.061	18692416	18722309	332.746	339.860
41)	L9 AR-1268-1	8.601	7.501	41748474	17272821	214.169	85.061 #

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 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

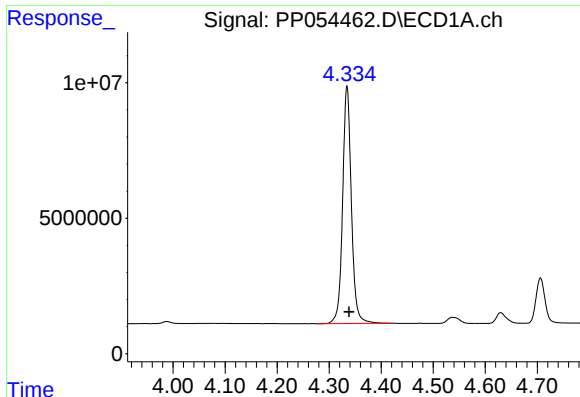
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 11 21:17:39 2023
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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	8.679	7.565	11240583	57378774	63.695	311.461 #
43) L9	AR-1268-3	8.912	7.774	880250	966528	5.675	5.654
44) L9	AR-1268-4	9.337	8.061	18692416	18722309	273.190	296.326
45) L9	AR-1268-5	9.754	8.351	5691092	6224543	11.164	12.719

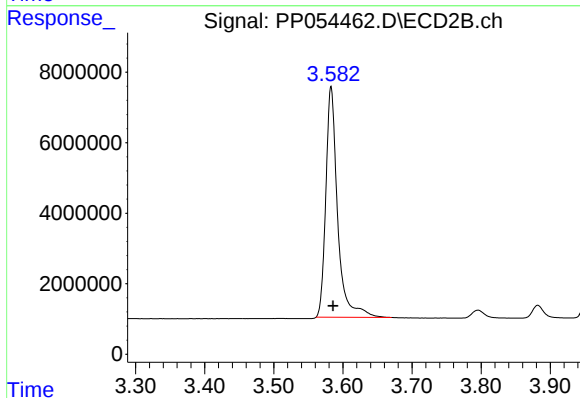
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

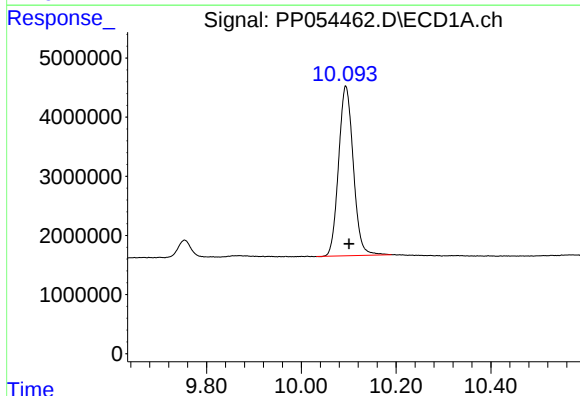
R.T.: 4.334 min
Delta R.T.: -0.004 min
Response: 102729324
Conc: 50.73 ng/ml

Instrument :
ECD_P
ClientSampleId :



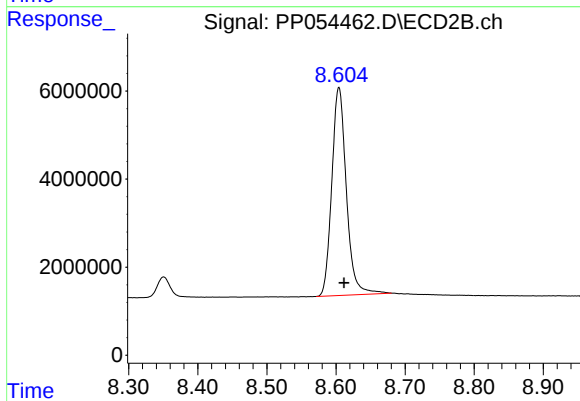
#1 Tetrachloro-m-xylene

R.T.: 3.583 min
Delta R.T.: -0.003 min
Response: 77582658
Conc: 48.10 ng/ml



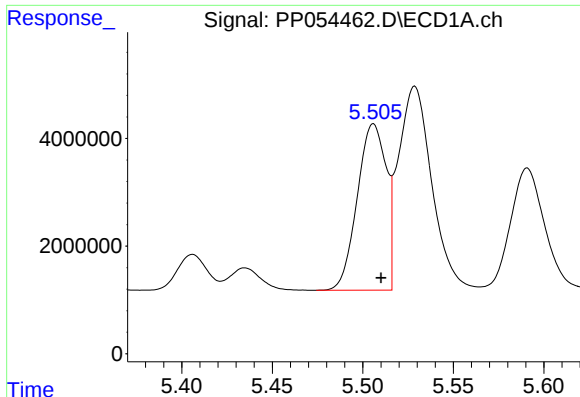
#2 Decachlorobiphenyl

R.T.: 10.094 min
Delta R.T.: -0.007 min
Response: 61782696
Conc: 43.02 ng/ml



#2 Decachlorobiphenyl

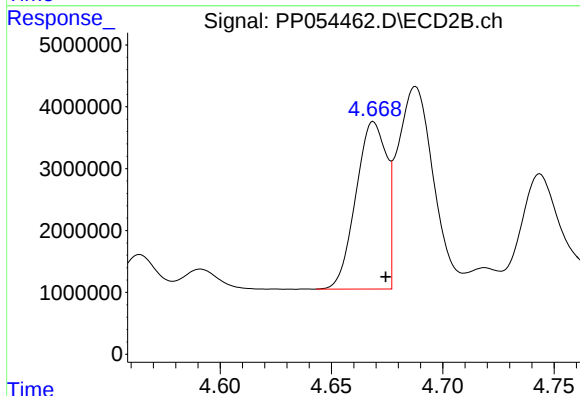
R.T.: 8.604 min
Delta R.T.: -0.008 min
Response: 69230265
Conc: 49.08 ng/ml



#3 AR-1016-1

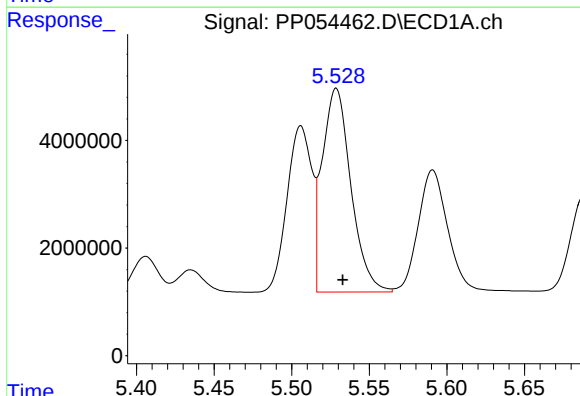
R.T.: 5.506 min
Delta R.T.: -0.004 min
Response: 34360196
Conc: 464.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



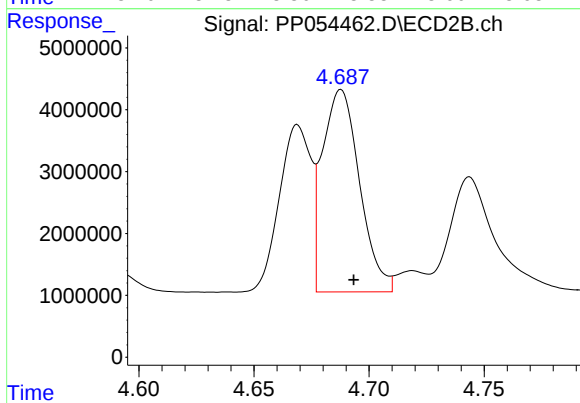
#3 AR-1016-1

R.T.: 4.669 min
Delta R.T.: -0.005 min
Response: 25910014
Conc: 497.96 ng/ml



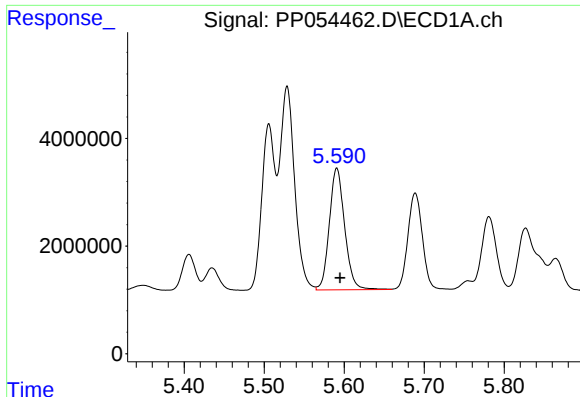
#4 AR-1016-2

R.T.: 5.529 min
Delta R.T.: -0.004 min
Response: 48659849
Conc: 455.96 ng/ml



#4 AR-1016-2

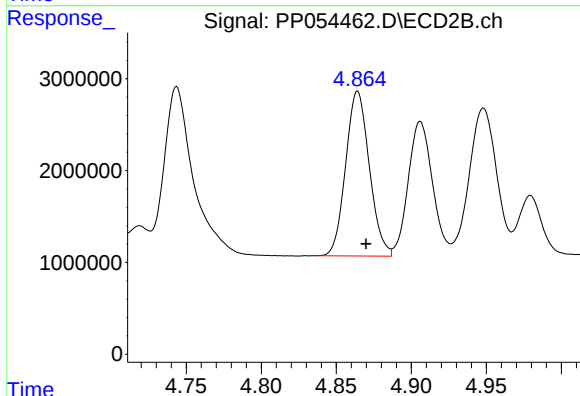
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 36750661
Conc: 513.12 ng/ml



#5 AR-1016-3

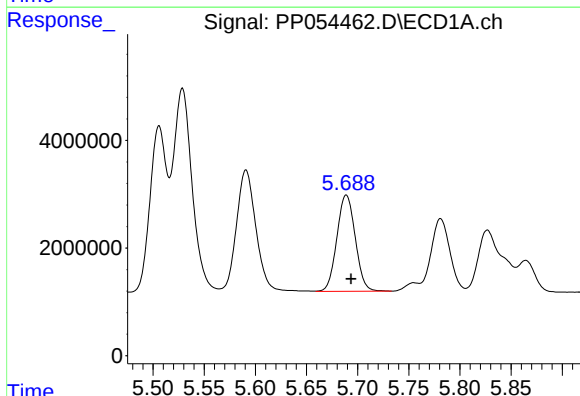
R.T.: 5.591 min
Delta R.T.: -0.004 min
Response: 30108885
Conc: 440.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



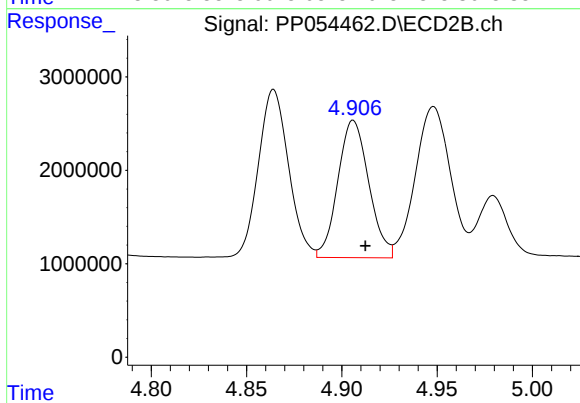
#5 AR-1016-3

R.T.: 4.864 min
Delta R.T.: -0.006 min
Response: 19745728
Conc: 503.36 ng/ml



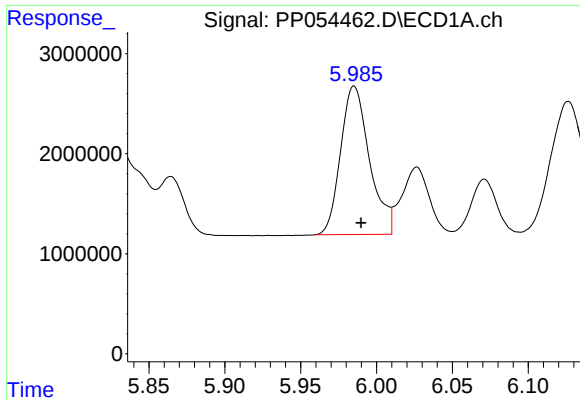
#6 AR-1016-4

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 22417876
Conc: 430.58 ng/ml



#6 AR-1016-4

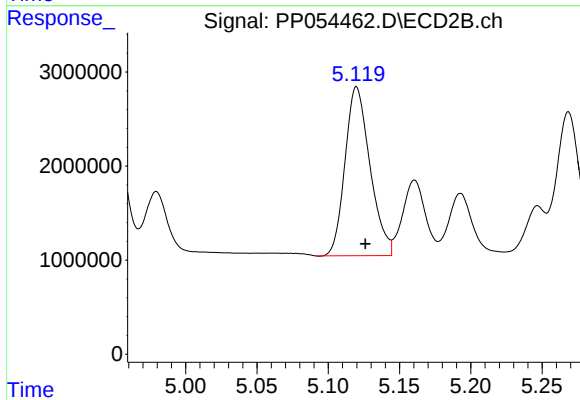
R.T.: 4.906 min
Delta R.T.: -0.006 min
Response: 16617530
Conc: 482.87 ng/ml



#7 AR-1016-5

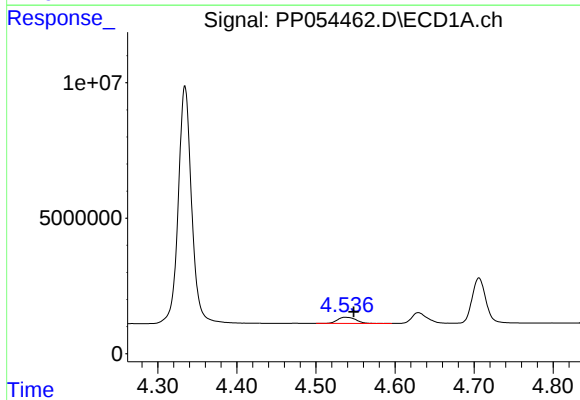
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 19681727
Conc: 434.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



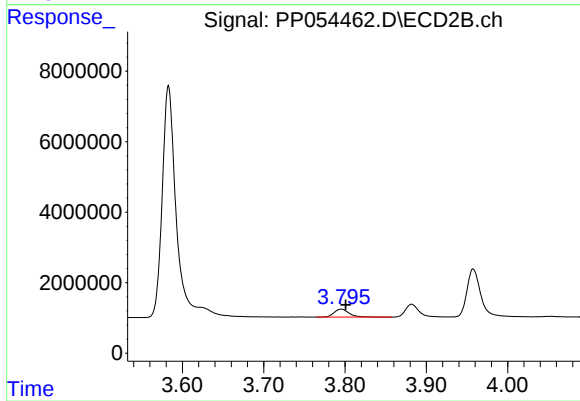
#7 AR-1016-5

R.T.: 5.120 min
Delta R.T.: -0.006 min
Response: 21930190
Conc: 498.78 ng/ml



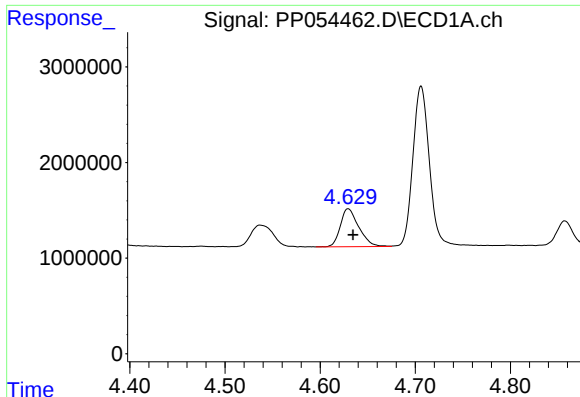
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.011 min
Response: 3632583
Conc: 151.08 ng/ml



#8 AR-1221-1

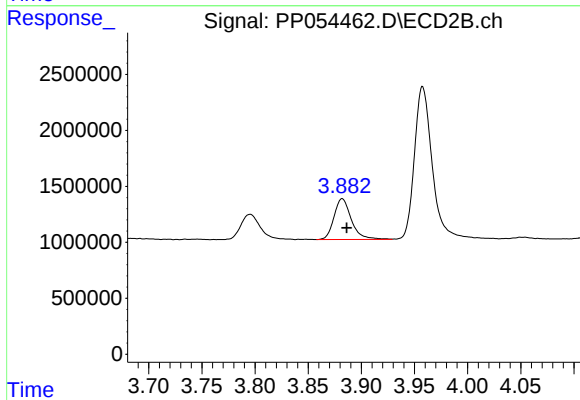
R.T.: 3.795 min
Delta R.T.: -0.006 min
Response: 2879455
Conc: 150.69 ng/ml



#9 AR-1221-2

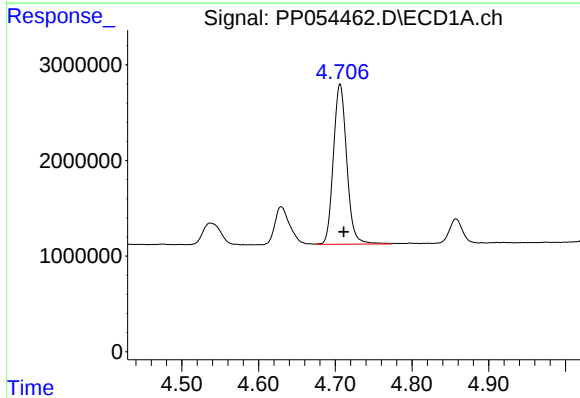
R.T.: 4.630 min
Delta R.T.: -0.005 min
Response: 5344937
Conc: 301.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



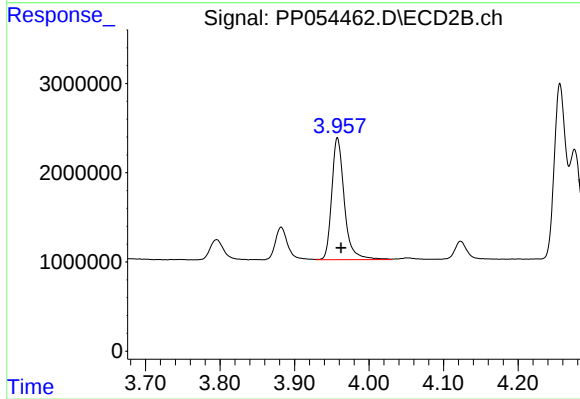
#9 AR-1221-2

R.T.: 3.882 min
Delta R.T.: -0.004 min
Response: 4152752
Conc: 281.64 ng/ml



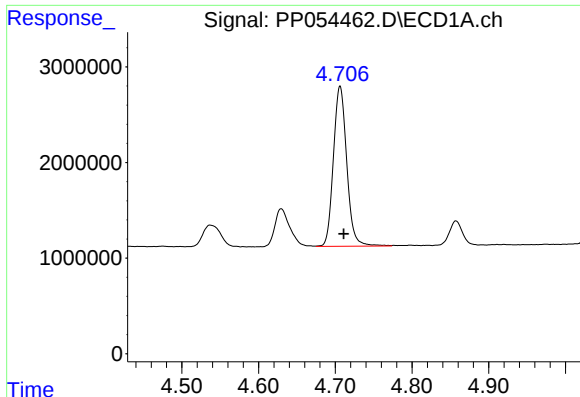
#10 AR-1221-3

R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 20208375
Conc: 374.94 ng/ml



#10 AR-1221-3

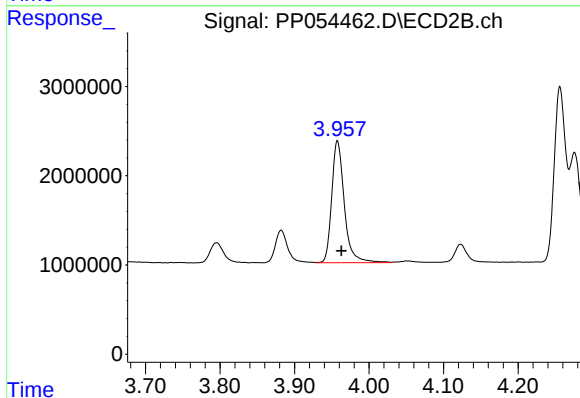
R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 16002506
Conc: 360.29 ng/ml



#11 AR-1232-1

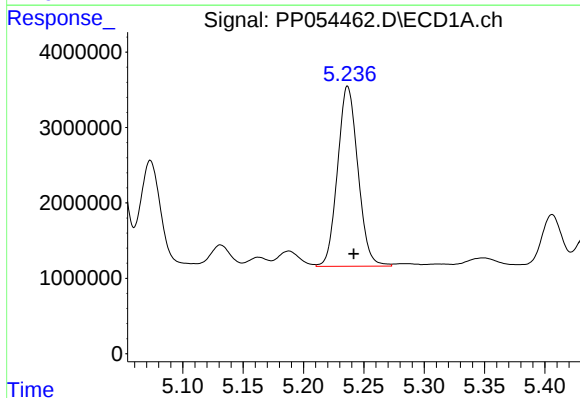
R.T.: 4.706 min
Delta R.T.: -0.005 min
Response: 20208375
Conc: 449.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



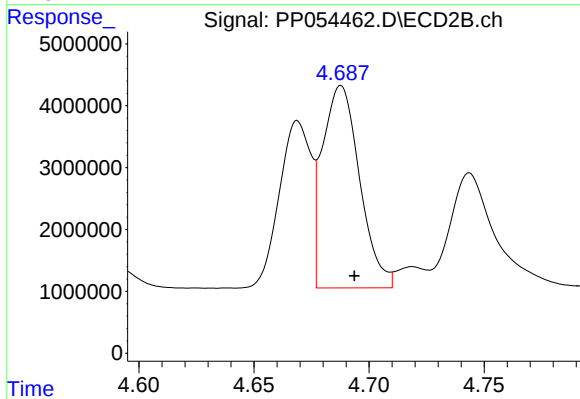
#11 AR-1232-1

R.T.: 3.958 min
Delta R.T.: -0.005 min
Response: 16002506
Conc: 429.96 ng/ml



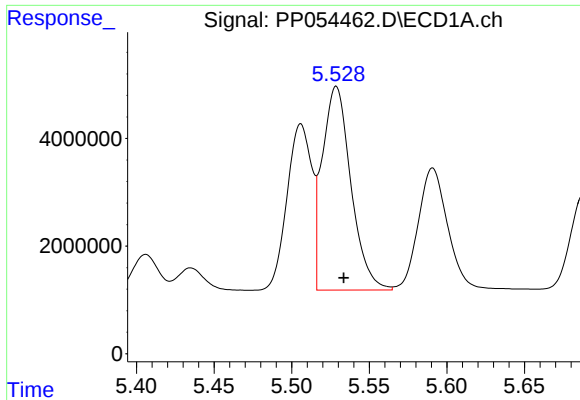
#12 AR-1232-2

R.T.: 5.237 min
Delta R.T.: -0.005 min
Response: 28045862
Conc: 1074.79 ng/ml



#12 AR-1232-2

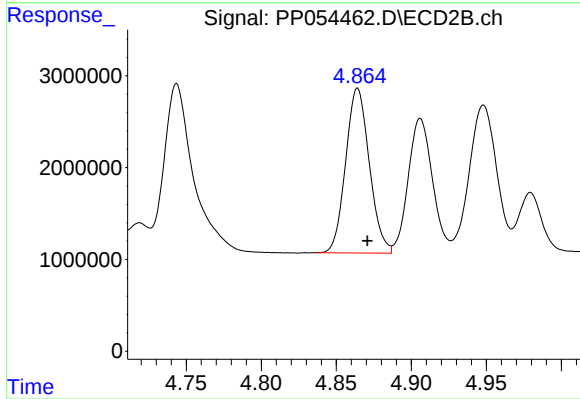
R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 36750661
Conc: 685.71 ng/ml



#13 AR-1232-3

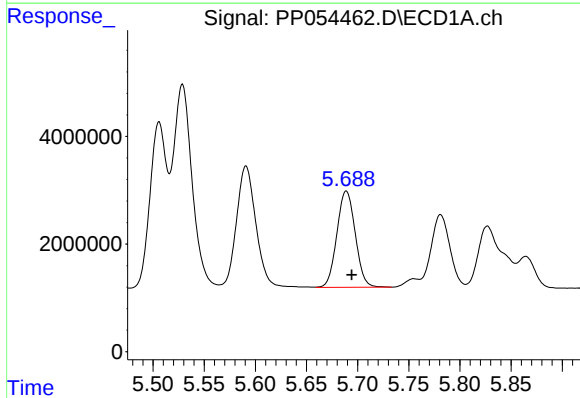
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 48659849
Conc: 1057.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



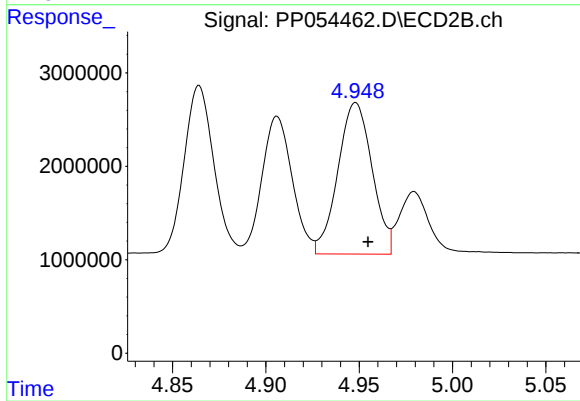
#13 AR-1232-3

R.T.: 4.864 min
Delta R.T.: -0.006 min
Response: 19745728
Conc: 1189.31 ng/ml



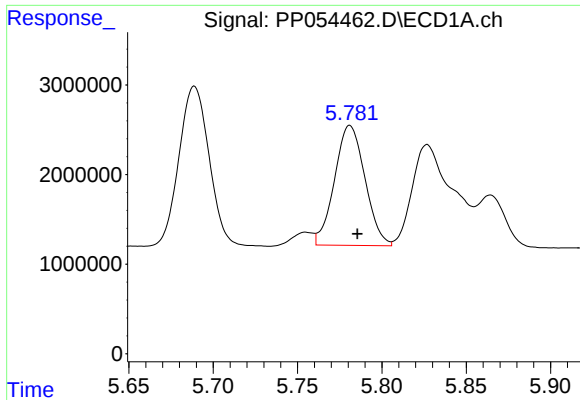
#14 AR-1232-4

R.T.: 5.689 min
Delta R.T.: -0.005 min
Response: 22417876
Conc: 1001.14 ng/ml



#14 AR-1232-4

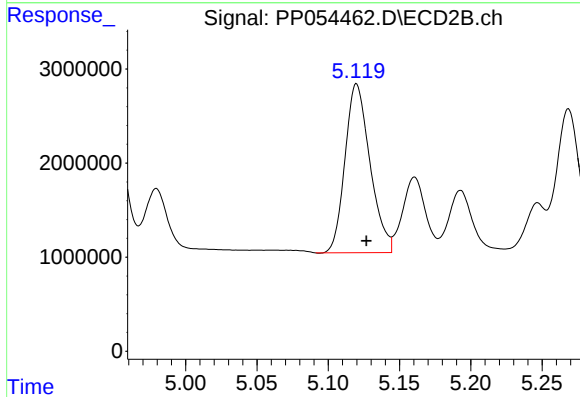
R.T.: 4.948 min
Delta R.T.: -0.007 min
Response: 20703357
Conc: 1234.16 ng/ml



#15 AR-1232-5

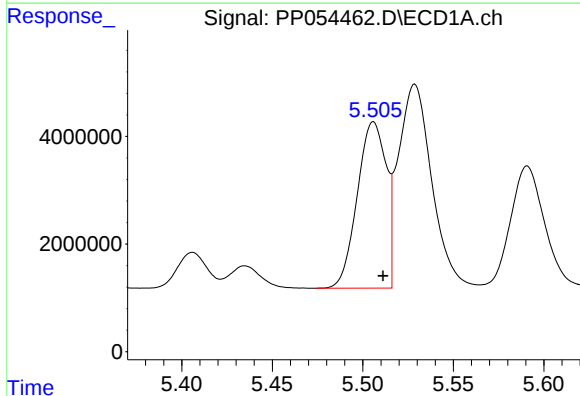
R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 16842285
Conc: 946.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



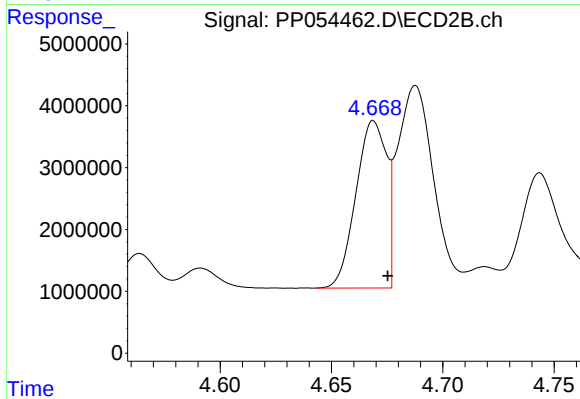
#15 AR-1232-5

R.T.: 5.120 min
Delta R.T.: -0.007 min
Response: 21930190
Conc: 1214.64 ng/ml



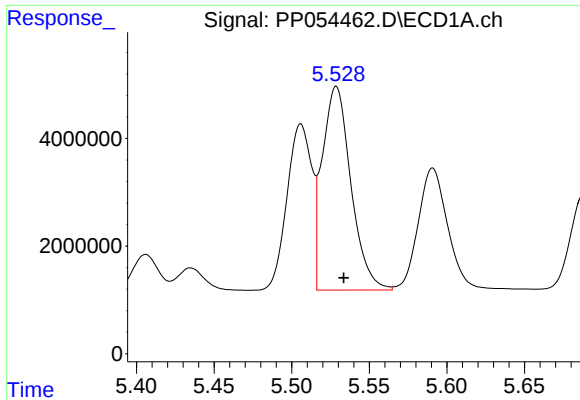
#16 AR-1242-1

R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 34360196
Conc: 578.68 ng/ml



#16 AR-1242-1

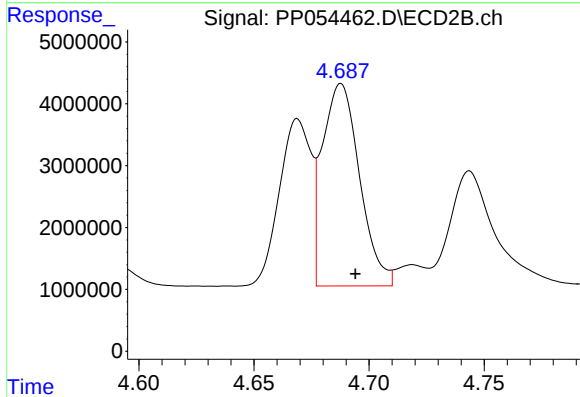
R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 25910014
Conc: 613.73 ng/ml



#17 AR-1242-2

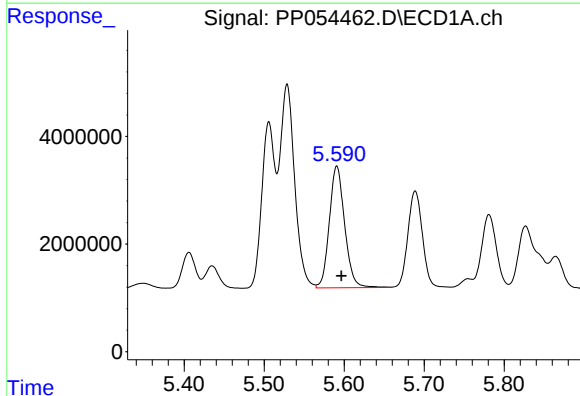
R.T.: 5.529 min
Delta R.T.: -0.005 min
Response: 48659849
Conc: 569.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



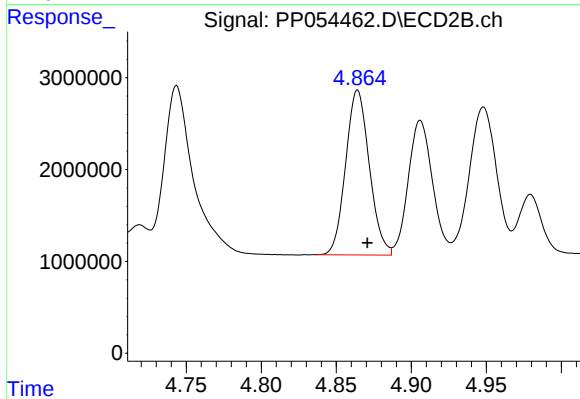
#17 AR-1242-2

R.T.: 4.688 min
Delta R.T.: -0.006 min
Response: 36750661
Conc: 631.26 ng/ml



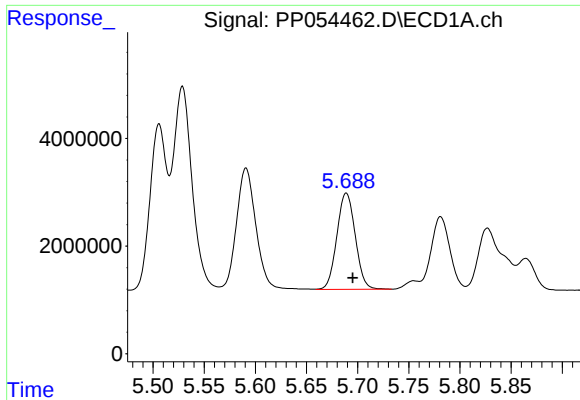
#18 AR-1242-3

R.T.: 5.591 min
Delta R.T.: -0.006 min
Response: 30108885
Conc: 551.06 ng/ml



#18 AR-1242-3

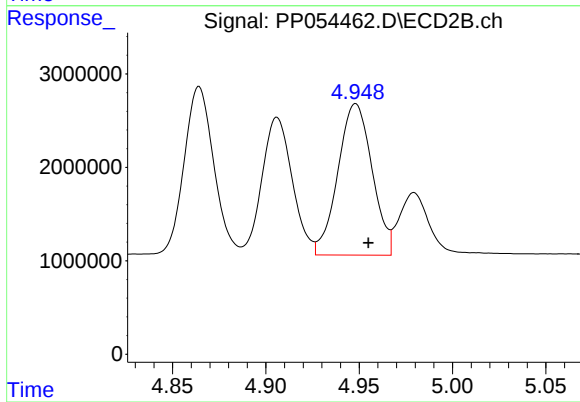
R.T.: 4.864 min
Delta R.T.: -0.006 min
Response: 19745728
Conc: 617.42 ng/ml



#19 AR-1242-4

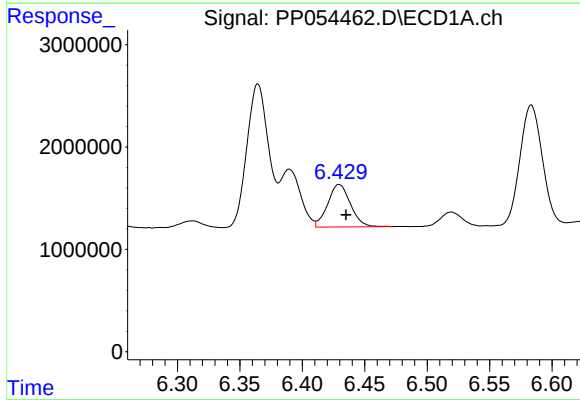
R.T.: 5.689 min
Delta R.T.: -0.006 min
Response: 22417876
Conc: 534.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



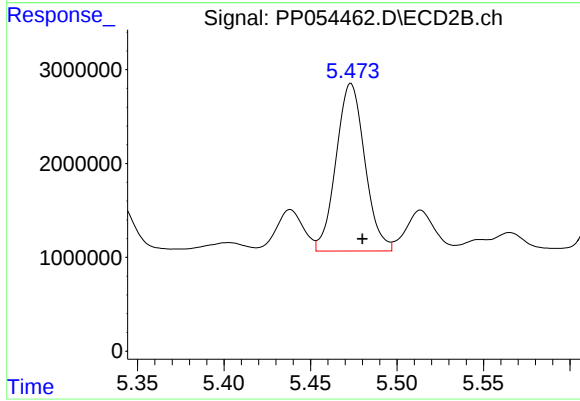
#19 AR-1242-4

R.T.: 4.948 min
Delta R.T.: -0.007 min
Response: 20703357
Conc: 593.49 ng/ml



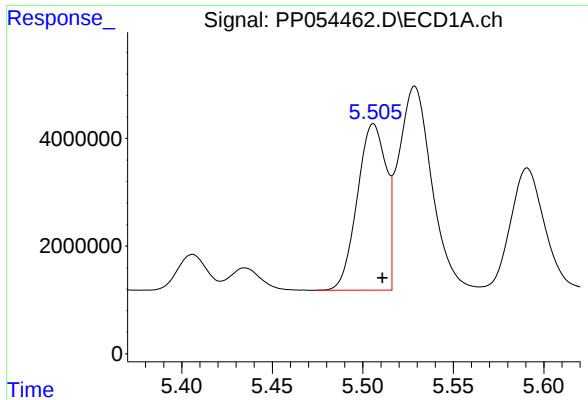
#20 AR-1242-5

R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 5237319
Conc: 159.56 ng/ml



#20 AR-1242-5

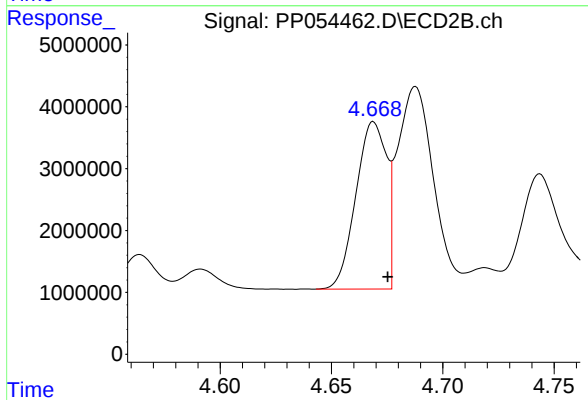
R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 20595060
Conc: 547.39 ng/ml



#21 AR-1248-1

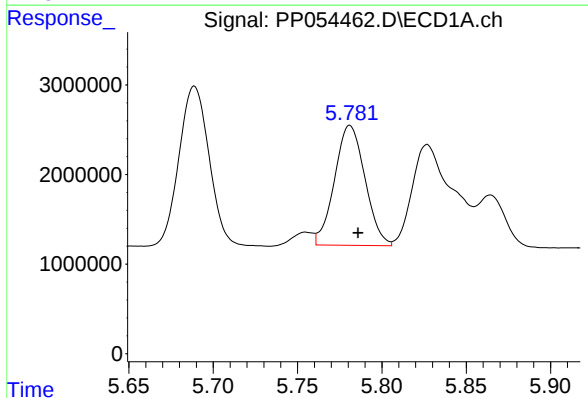
R.T.: 5.506 min
Delta R.T.: -0.005 min
Response: 34360196
Conc: 765.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



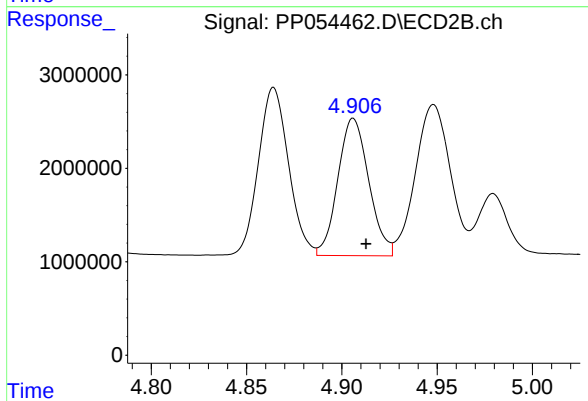
#21 AR-1248-1

R.T.: 4.669 min
Delta R.T.: -0.006 min
Response: 25910014
Conc: 796.53 ng/ml



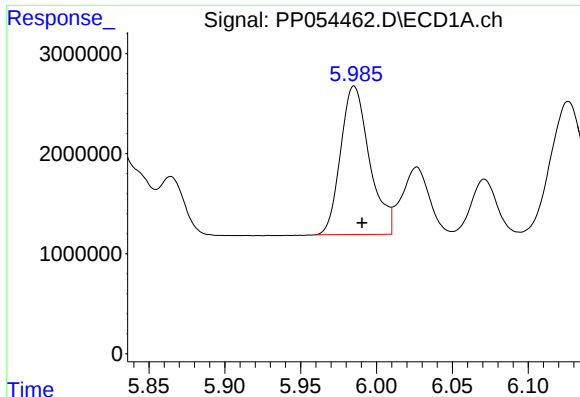
#22 AR-1248-2

R.T.: 5.781 min
Delta R.T.: -0.005 min
Response: 16842285
Conc: 265.08 ng/ml



#22 AR-1248-2

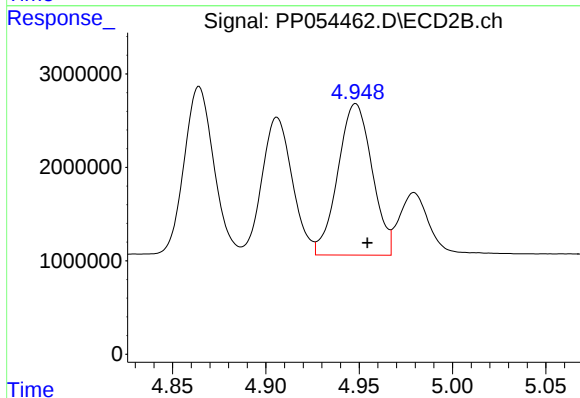
R.T.: 4.906 min
Delta R.T.: -0.007 min
Response: 16617530
Conc: 336.50 ng/ml



#23 AR-1248-3

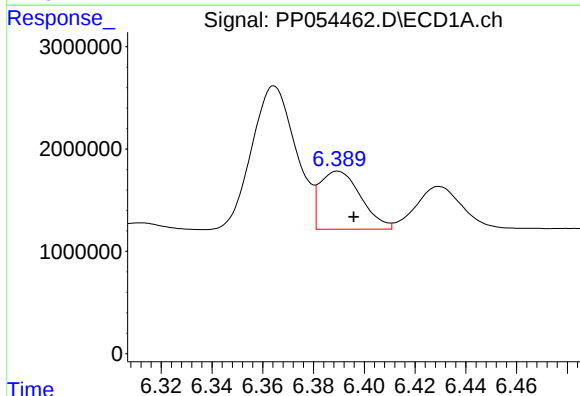
R.T.: 5.985 min
Delta R.T.: -0.005 min
Response: 19681727
Conc: 332.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



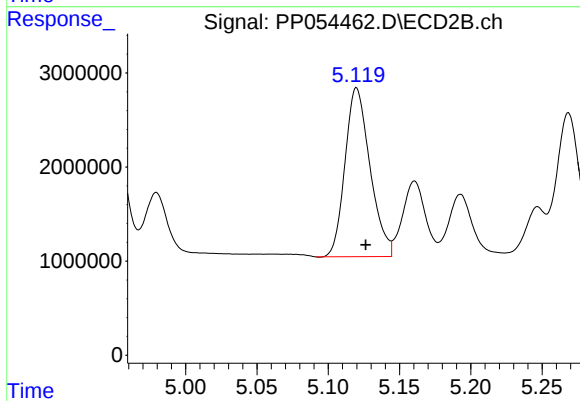
#23 AR-1248-3

R.T.: 4.948 min
Delta R.T.: -0.006 min
Response: 20703357
Conc: 401.19 ng/ml



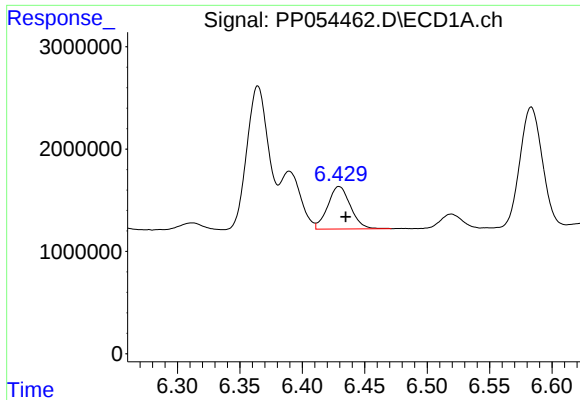
#24 AR-1248-4

R.T.: 6.390 min
Delta R.T.: -0.006 min
Response: 6330590
Conc: 109.28 ng/ml



#24 AR-1248-4

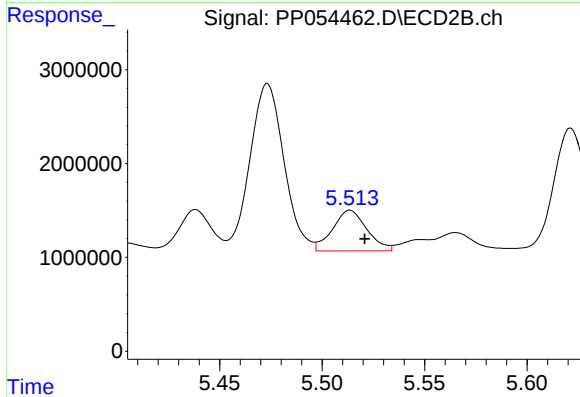
R.T.: 5.120 min
Delta R.T.: -0.007 min
Response: 21930190
Conc: 371.60 ng/ml



#25 AR-1248-5

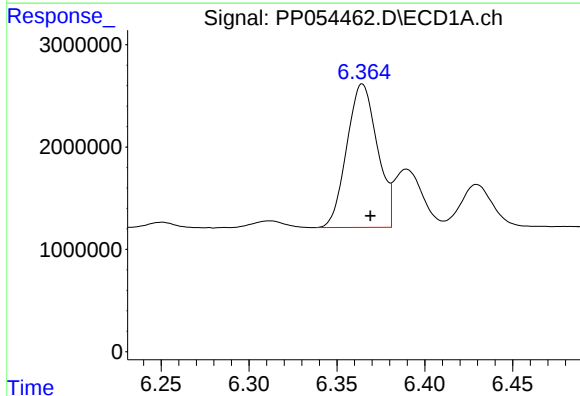
R.T.: 6.430 min
Delta R.T.: -0.005 min
Response: 5237319
Conc: 94.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



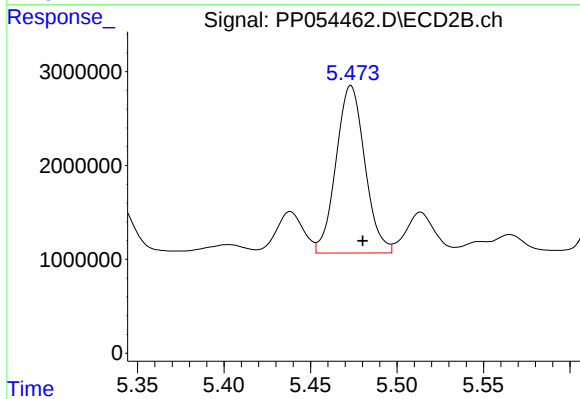
#25 AR-1248-5

R.T.: 5.514 min
Delta R.T.: -0.007 min
Response: 5037380
Conc: 101.57 ng/ml



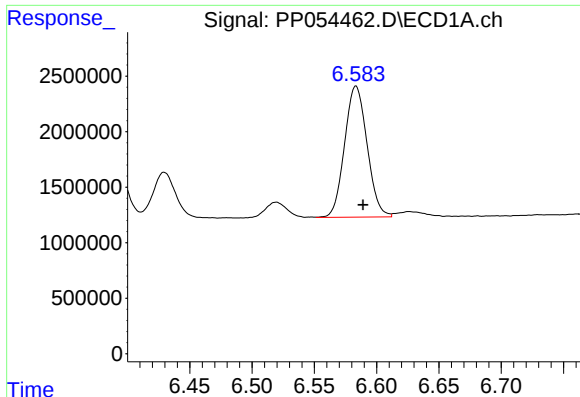
#26 AR-1254-1

R.T.: 6.364 min
Delta R.T.: -0.005 min
Response: 16948675
Conc: 272.77 ng/ml



#26 AR-1254-1

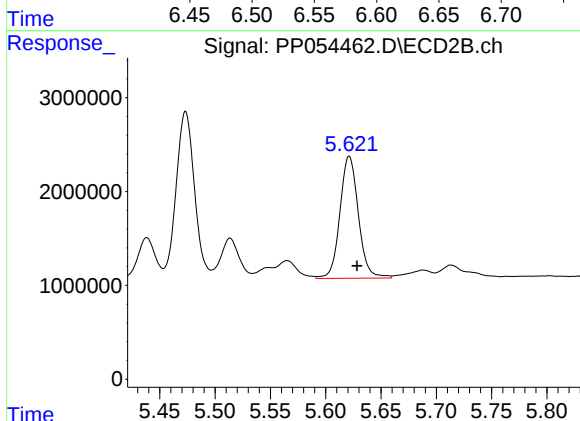
R.T.: 5.473 min
Delta R.T.: -0.007 min
Response: 20595060
Conc: 240.16 ng/ml



#27 AR-1254-2

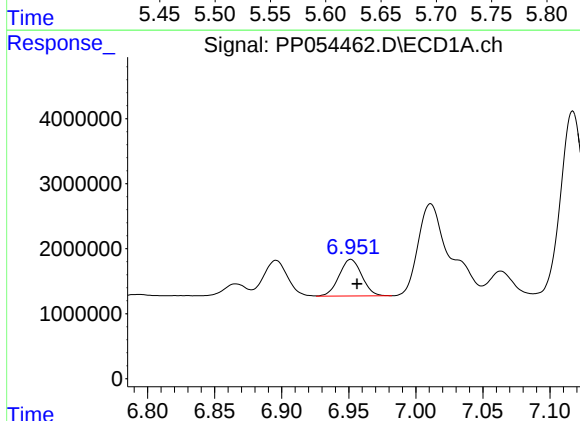
R.T.: 6.583 min
Delta R.T.: -0.006 min
Response: 14884440
Conc: 158.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



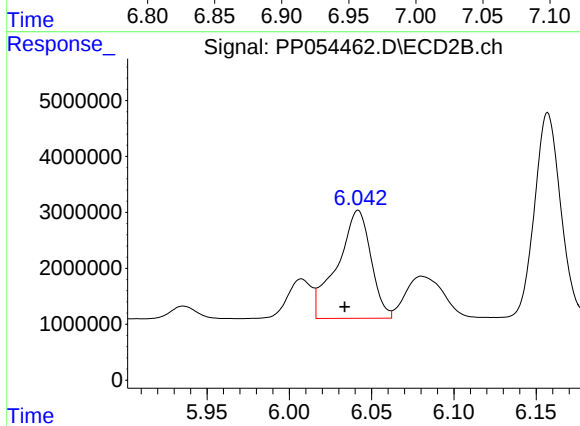
#27 AR-1254-2

R.T.: 5.621 min
Delta R.T.: -0.007 min
Response: 15117911
Conc: 203.50 ng/ml



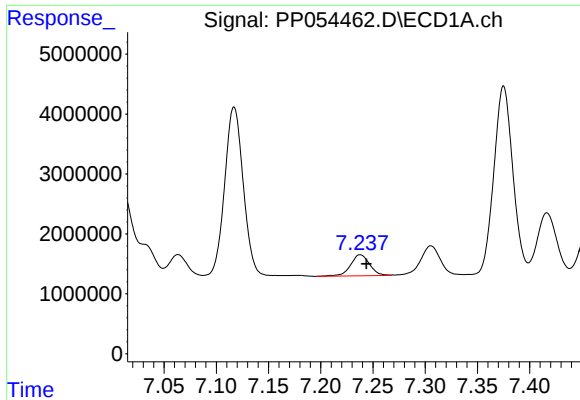
#28 AR-1254-3

R.T.: 6.952 min
Delta R.T.: -0.005 min
Response: 6648999
Conc: 70.04 ng/ml



#28 AR-1254-3

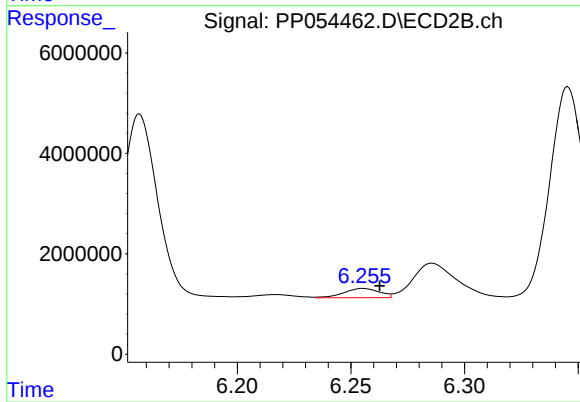
R.T.: 6.042 min
Delta R.T.: 0.008 min
Response: 27443548
Conc: 236.44 ng/ml



#29 AR-1254-4

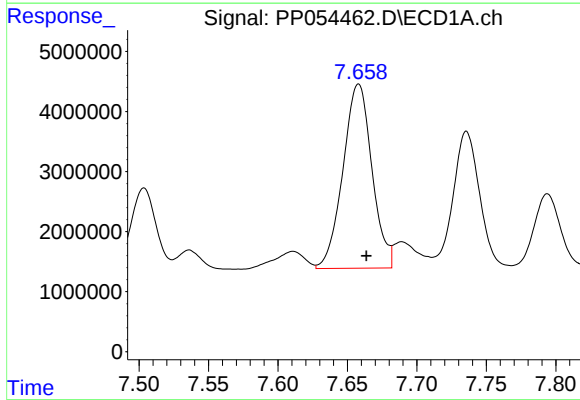
R.T.: 7.238 min
Delta R.T.: -0.006 min
Response: 4474242
Conc: 65.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



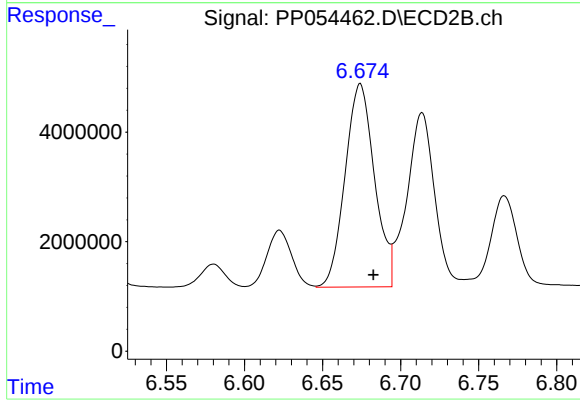
#29 AR-1254-4

R.T.: 6.255 min
Delta R.T.: -0.007 min
Response: 2019794
Conc: 32.09 ng/ml



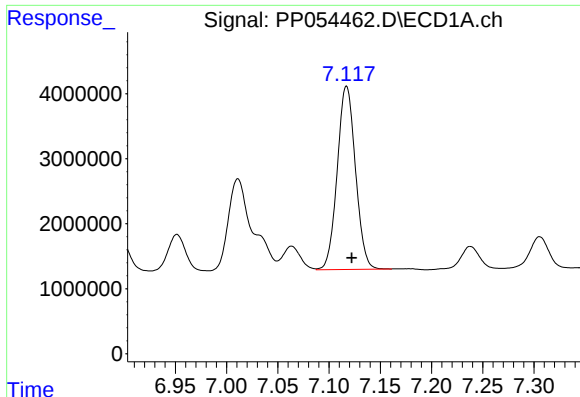
#30 AR-1254-5

R.T.: 7.658 min
Delta R.T.: -0.006 min
Response: 44577024
Conc: 586.40 ng/ml



#30 AR-1254-5

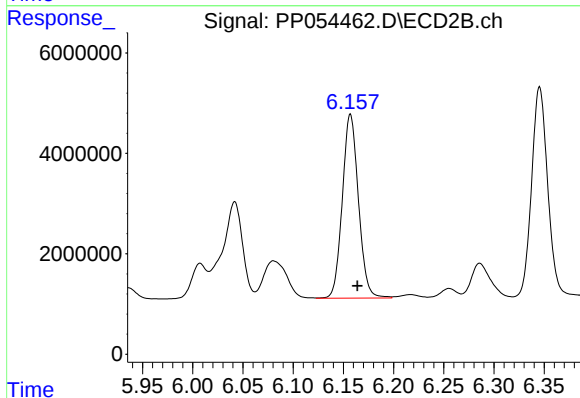
R.T.: 6.674 min
Delta R.T.: -0.008 min
Response: 48699207
Conc: 509.31 ng/ml



#31 AR-1260-1

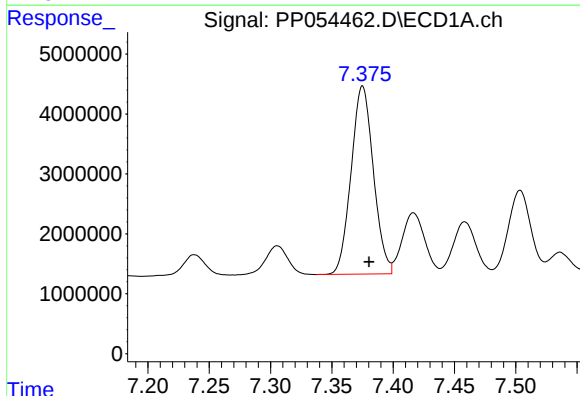
R.T.: 7.117 min
Delta R.T.: -0.005 min
Response: 34908672
Conc: 447.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



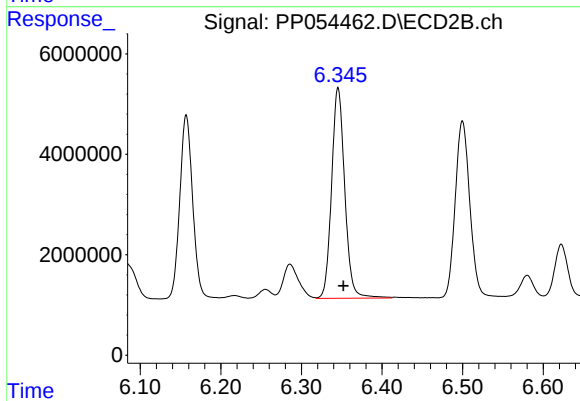
#31 AR-1260-1

R.T.: 6.157 min
Delta R.T.: -0.007 min
Response: 40932959
Conc: 483.20 ng/ml



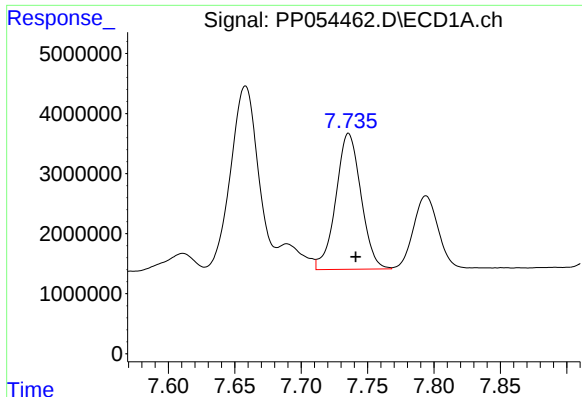
#32 AR-1260-2

R.T.: 7.375 min
Delta R.T.: -0.005 min
Response: 39657650
Conc: 442.76 ng/ml



#32 AR-1260-2

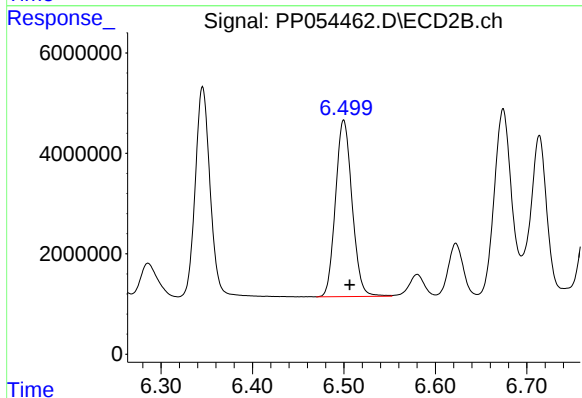
R.T.: 6.346 min
Delta R.T.: -0.007 min
Response: 47578958
Conc: 497.48 ng/ml



#33 AR-1260-3

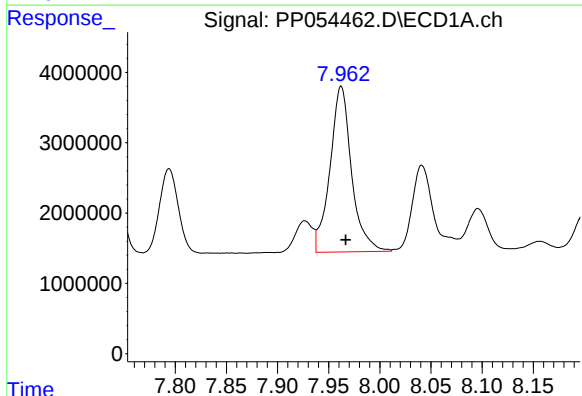
R.T.: 7.736 min
Delta R.T.: -0.005 min
Response: 29802430
Conc: 436.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



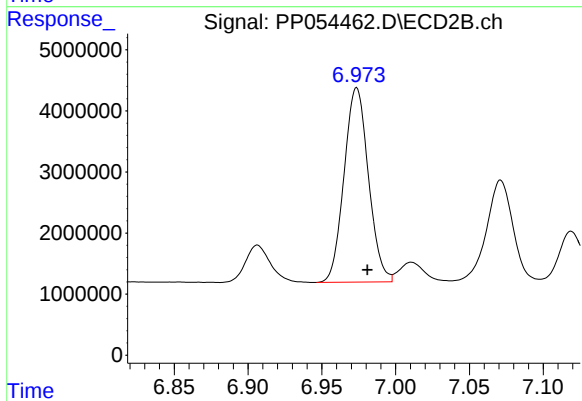
#33 AR-1260-3

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 44229065
Conc: 483.88 ng/ml



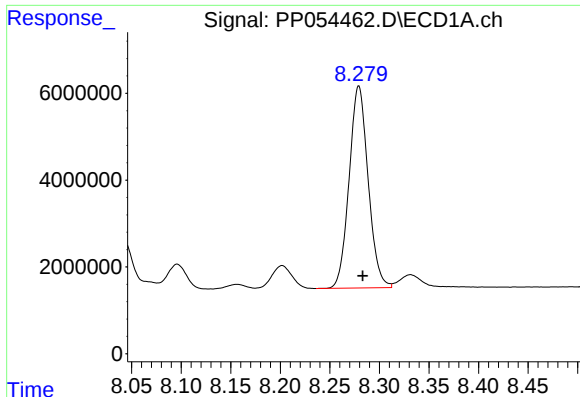
#34 AR-1260-4

R.T.: 7.962 min
Delta R.T.: -0.004 min
Response: 34582302
Conc: 434.06 ng/ml



#34 AR-1260-4

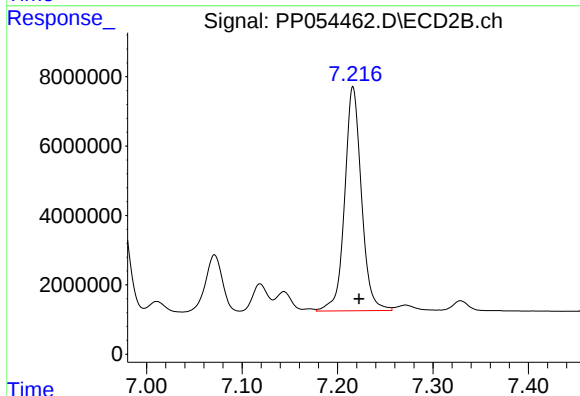
R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 36604848
Conc: 482.88 ng/ml



#35 AR-1260-5

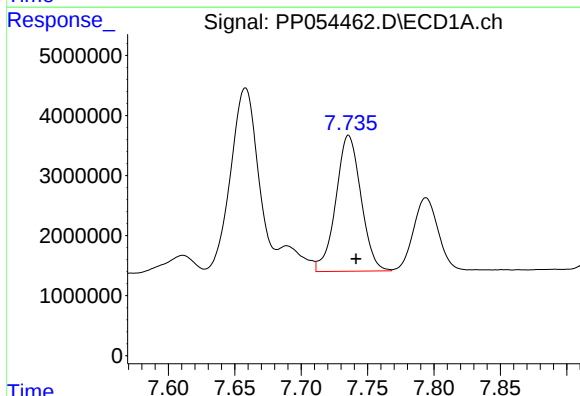
R.T.: 8.279 min
Delta R.T.: -0.004 min
Response: 62160600
Conc: 433.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



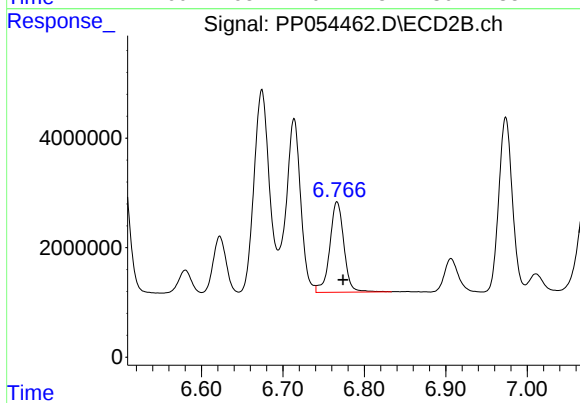
#35 AR-1260-5

R.T.: 7.216 min
Delta R.T.: -0.006 min
Response: 78688785
Conc: 496.75 ng/ml



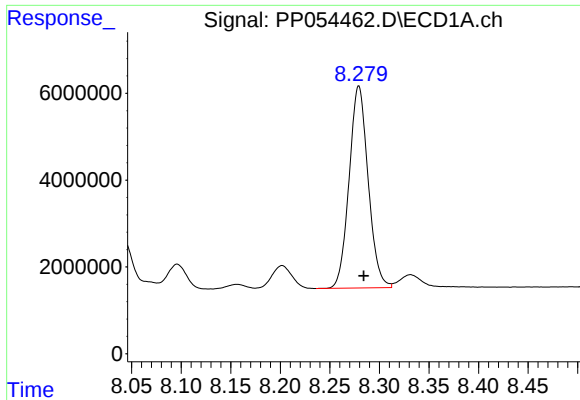
#36 AR-1262-1

R.T.: 7.736 min
Delta R.T.: -0.006 min
Response: 29802430
Conc: 354.27 ng/ml



#36 AR-1262-1

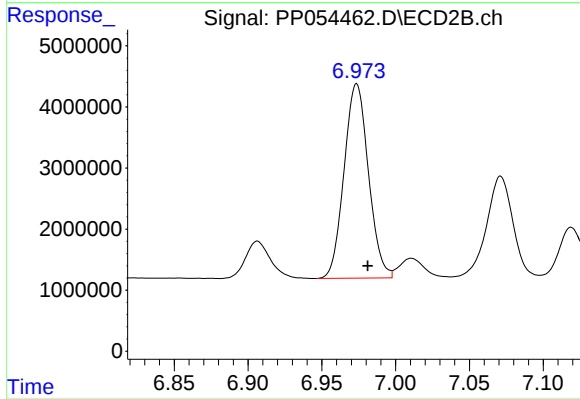
R.T.: 6.766 min
Delta R.T.: -0.007 min
Response: 19914943
Conc: 487.78 ng/ml



#37 AR-1262-2

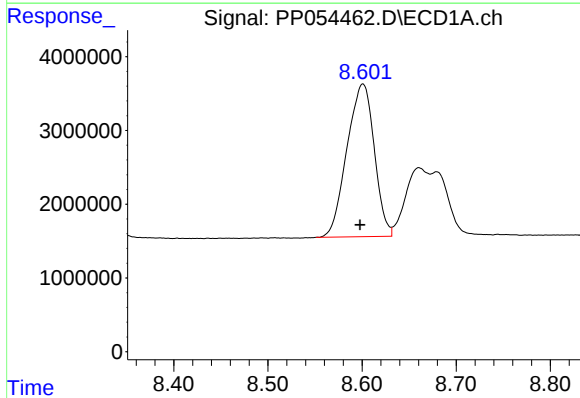
R.T.: 8.279 min
Delta R.T.: -0.005 min
Response: 62160600
Conc: 439.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



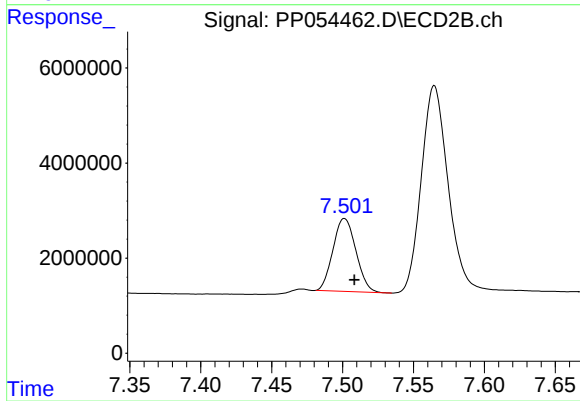
#37 AR-1262-2

R.T.: 6.974 min
Delta R.T.: -0.007 min
Response: 36604848
Conc: 422.79 ng/ml



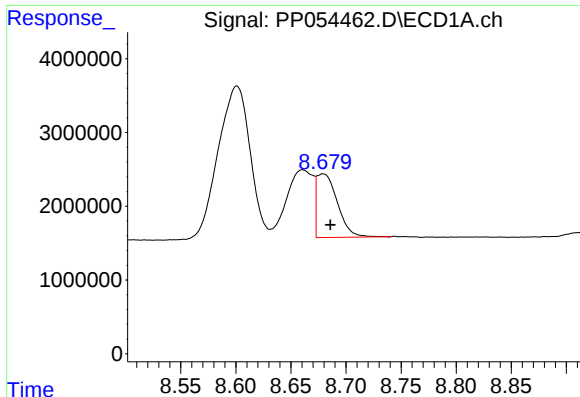
#38 AR-1262-3

R.T.: 8.601 min
Delta R.T.: 0.003 min
Response: 41748474
Conc: 403.17 ng/ml



#38 AR-1262-3

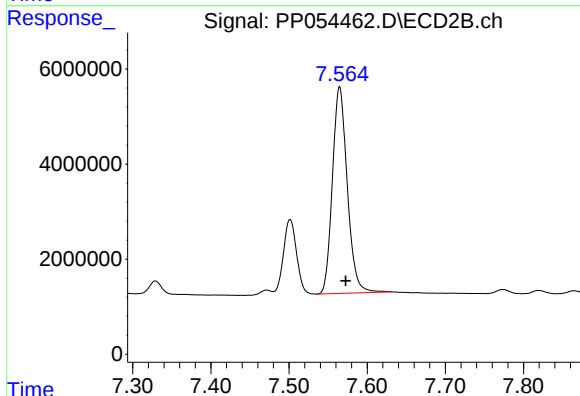
R.T.: 7.501 min
Delta R.T.: -0.007 min
Response: 17272821
Conc: 258.73 ng/ml



#39 AR-1262-4

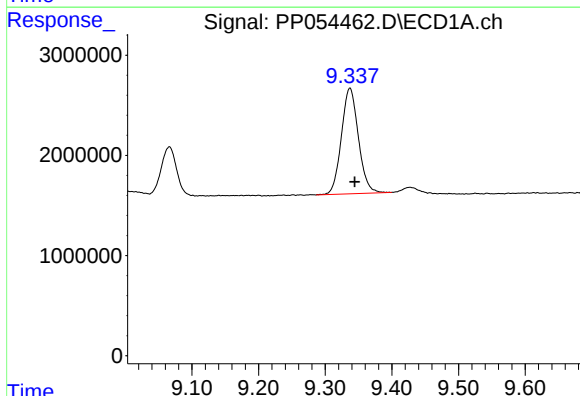
R.T.: 8.679 min
Delta R.T.: -0.007 min
Response: 11240583
Conc: 222.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



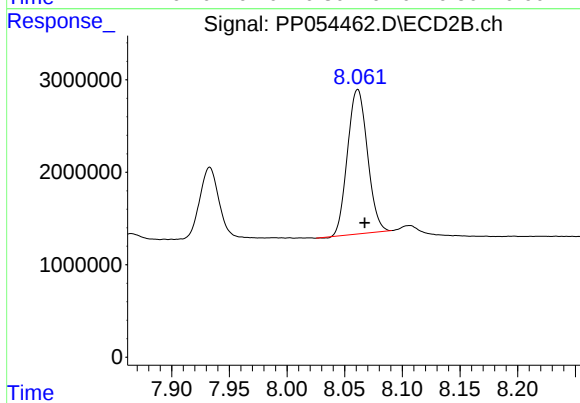
#39 AR-1262-4

R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 57378774
Conc: 490.33 ng/ml



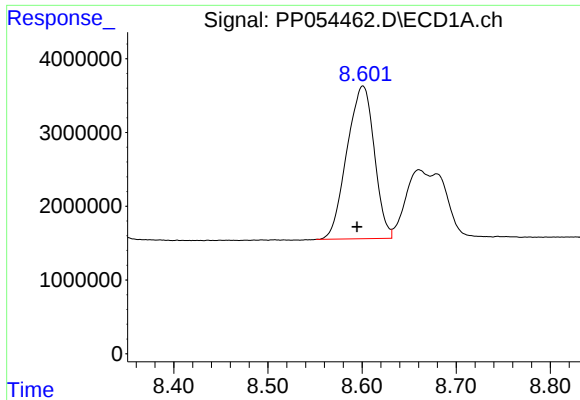
#40 AR-1262-5

R.T.: 9.337 min
Delta R.T.: -0.007 min
Response: 18692416
Conc: 332.75 ng/ml



#40 AR-1262-5

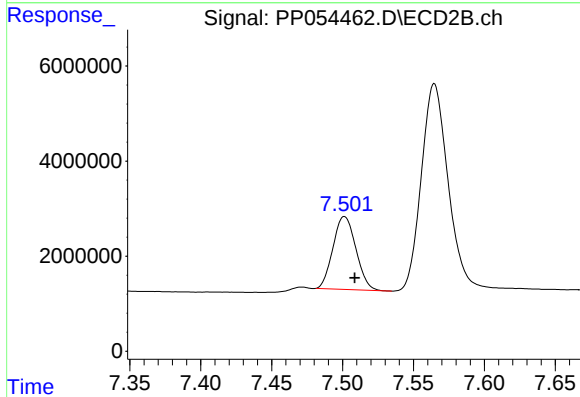
R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 18722309
Conc: 339.86 ng/ml



#41 AR-1268-1

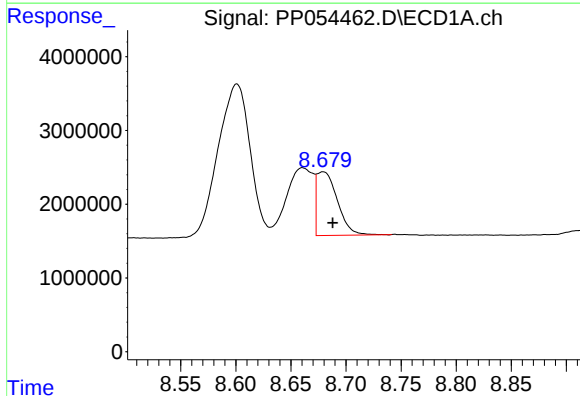
R.T.: 8.601 min
Delta R.T.: 0.006 min
Response: 41748474
Conc: 214.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



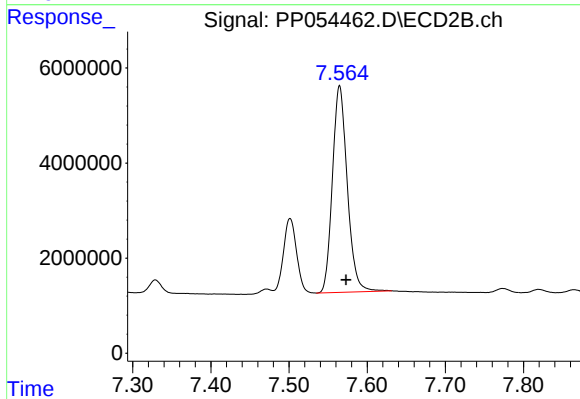
#41 AR-1268-1

R.T.: 7.501 min
Delta R.T.: -0.007 min
Response: 17272821
Conc: 85.06 ng/ml



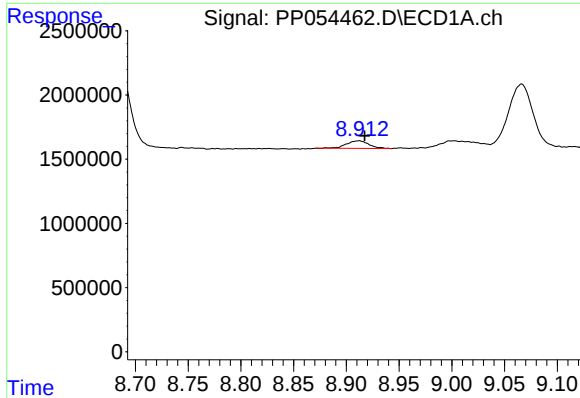
#42 AR-1268-2

R.T.: 8.679 min
Delta R.T.: -0.009 min
Response: 11240583
Conc: 63.69 ng/ml



#42 AR-1268-2

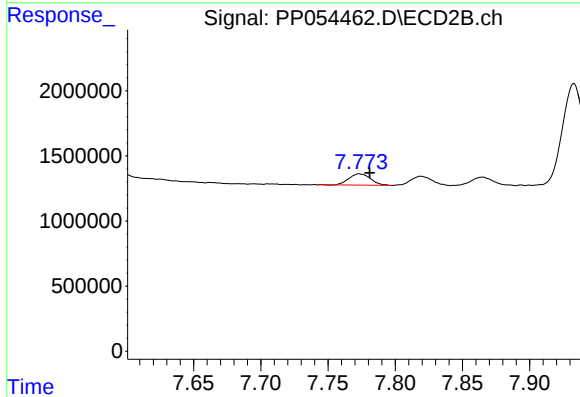
R.T.: 7.565 min
Delta R.T.: -0.008 min
Response: 57378774
Conc: 311.46 ng/ml



#43 AR-1268-3

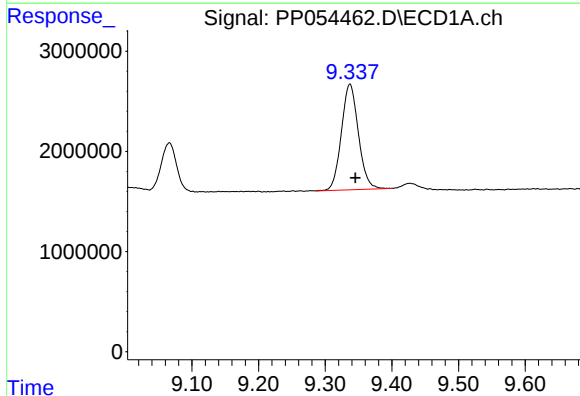
R.T.: 8.912 min
Delta R.T.: -0.005 min
Response: 880250
Conc: 5.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



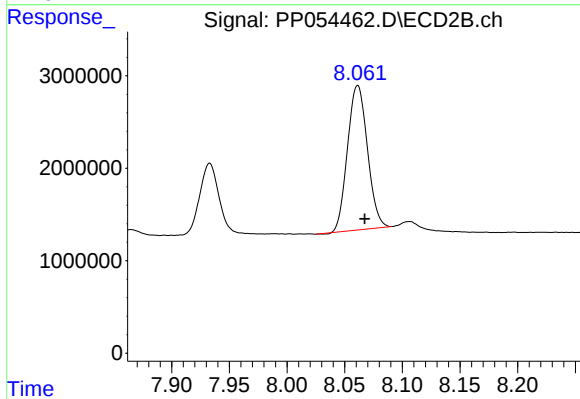
#43 AR-1268-3

R.T.: 7.774 min
Delta R.T.: -0.007 min
Response: 966528
Conc: 5.65 ng/ml



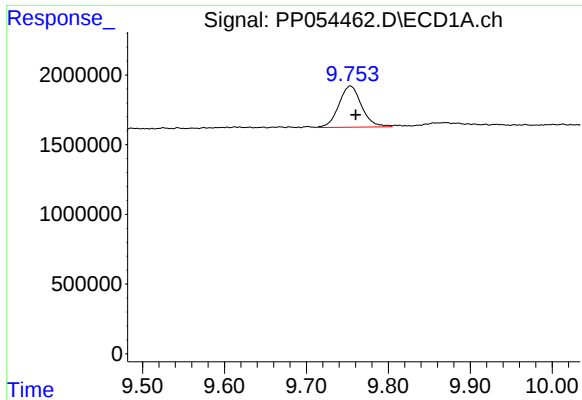
#44 AR-1268-4

R.T.: 9.337 min
Delta R.T.: -0.008 min
Response: 18692416
Conc: 273.19 ng/ml



#44 AR-1268-4

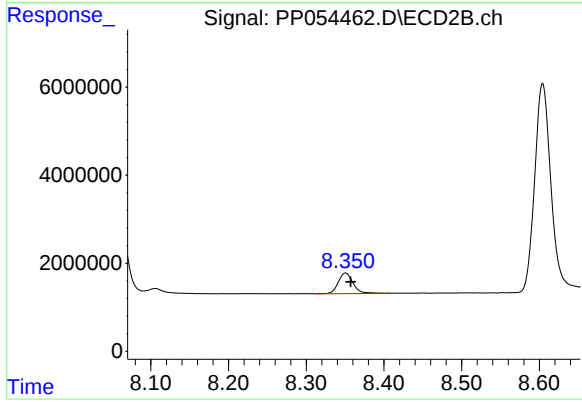
R.T.: 8.061 min
Delta R.T.: -0.006 min
Response: 18722309
Conc: 296.33 ng/ml



#45 AR-1268-5

R.T.: 9.754 min
Delta R.T.: -0.007 min
Response: 5691092
Conc: 11.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.351 min
Delta R.T.: -0.007 min
Response: 6224543
Conc: 12.72 ng/ml