

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP041023\
 Data File : PP056824.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Apr 2023 17:11
 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: Apr 10 23:16:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri Apr 07 04:14:17 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...	4.435	3.662	102.8E6	80866598	47.860	46.497
2)	SA Decachlor...	10.271	8.745	69459639	79600203	53.067	50.627
Target Compounds							
3)	L1 AR-1016-1	5.610	4.762	29582114	25277316	481.805	474.598
4)	L1 AR-1016-2	5.633	4.782	43106233	35128223	483.388	473.725
5)	L1 AR-1016-3	5.696	4.961	27412055	19488192	483.508	484.259
6)	L1 AR-1016-4	5.794	5.002	21577873	17551084	481.867	484.363
7)	L1 AR-1016-5	6.092	5.219	22646527	22279314	483.001	474.424
8)	L2 AR-1221-1	4.639	3.877	3849020	2987358	145.925	136.407
9)	L2 AR-1221-2	4.731	3.965	5353048	4263038	275.560	259.469
10)	L2 AR-1221-3	4.807	4.043	18683994	15819749	327.942	322.626
11)	L3 AR-1232-1	4.807	4.043	18683994	15819749	387.922	384.542
12)	L3 AR-1232-2	5.341	4.782	25222869	35128223	1009.733	1024.970
13)	L3 AR-1232-3	5.633	4.961	43106233	19488192	1069.164	1059.101
14)	L3 AR-1232-4	5.794	5.045	21577873	21276430	1070.918	1110.291
15)	L3 AR-1232-5	5.886	5.219	19819123	22279314	1127.584	1048.123
16)	L4 AR-1242-1	5.610	4.762	29582114	25277316	588.258	587.700
17)	L4 AR-1242-2	5.633	4.782	43106233	35128223	591.951	590.367
18)	L4 AR-1242-3	5.696	4.961	27412055	19488192	598.272	604.041
19)	L4 AR-1242-4	5.794	5.045	21577873	21276430	598.009	583.949
20)	L4 AR-1242-5	6.536	5.575	5600822	21700844	168.731	544.261 #
21)	L5 AR-1248-1	5.610	4.762	29582114	25277316	788.452	767.898
22)	L5 AR-1248-2	5.886	5.002	19819123	17551084	336.520	340.517
23)	L5 AR-1248-3	6.092	5.045	22646527	21276430	355.451	396.345
24)	L5 AR-1248-4	6.496	5.219	6490247	22279314	111.757	360.069 #
25)	L5 AR-1248-5	6.536	5.616	5600822	4829961	99.153	94.071
26)	L6 AR-1254-1	6.471	5.575	19277284	21700844	271.872	235.578
27)	L6 AR-1254-2	6.691	5.724	16332590	16103637	161.056	200.370
28)	L6 AR-1254-3	7.059	6.148	7048260	30505333	72.713	246.774 #
29)	L6 AR-1254-4	7.347	6.362	4713533	1861095	77.227	29.282 #
30)	L6 AR-1254-5	7.767	6.784	46977873	50963591	689.407	484.739 #
31)	L7 AR-1260-1	7.224	6.264	39920147	46301359	490.410	484.102
32)	L7 AR-1260-2	7.483	6.453	43051739	51301311	504.606	496.733
33)	L7 AR-1260-3	7.845	6.609	34888751	50088590	499.583	482.991
34)	L7 AR-1260-4	8.072	7.084	38878925	41604224	509.559	487.113
35)	L7 AR-1260-5	8.398	7.326	65802850	76782924	519.877	485.160
36)	L8 AR-1262-1	7.845	6.876	34888751	23319043	396.100	498.369 #
37)	L8 AR-1262-2	8.398	7.084	65802850	41604224	508.227	425.373
38)	L8 AR-1262-3	8.729	7.613	42734914	19489903	463.956	293.462 #
39)	L8 AR-1262-4	8.809	7.677	15197076	58400368	334.699	495.490 #
40)	L8 AR-1262-5	9.485	8.176	15707335	18228626	390.996	374.014
41)	L9 AR-1268-1	8.729	7.613	42734914	19489903	229.439	87.918 #

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 Acq On : 10 Apr 2023 17:11
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

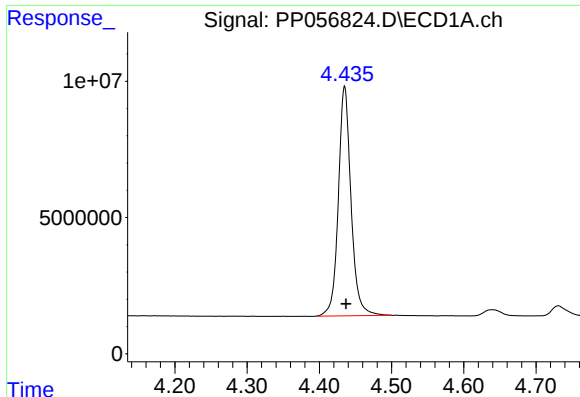
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 10 23:16:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP040623.M
 Quant Title : GC EXTRACTABLES
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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	8.809	7.677	15197076	58400368	91.577	300.720 #
43) L9	AR-1268-3	9.049	7.887	1008446	1102606	6.337	5.562
44) L9	AR-1268-4	9.485	8.176	15707335	18228626	338.304	315.143
45) L9	AR-1268-5	9.918	8.478	5404588	6829792	12.584	13.449

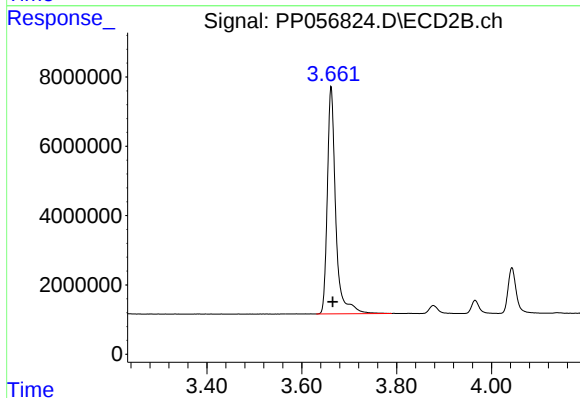
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

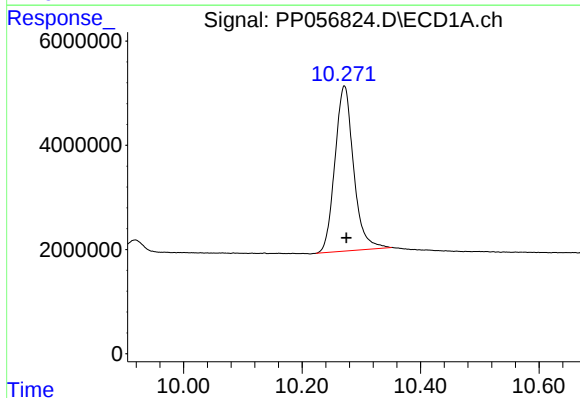
R.T.: 4.435 min
Delta R.T.: -0.002 min
Response: 102827276
Conc: 47.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



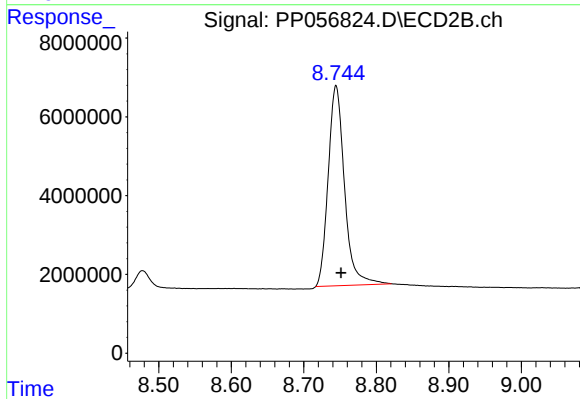
#1 Tetrachloro-m-xylene

R.T.: 3.662 min
Delta R.T.: -0.003 min
Response: 80866598
Conc: 46.50 ng/ml



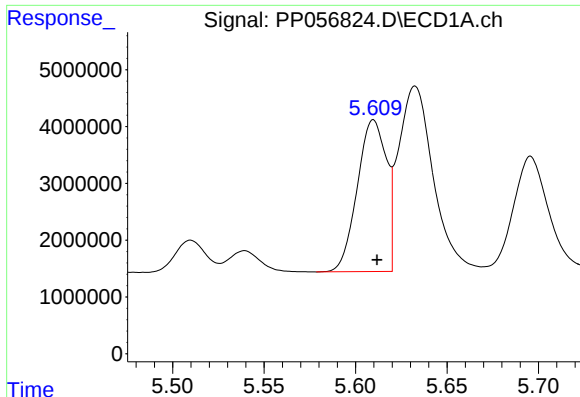
#2 Decachlorobiphenyl

R.T.: 10.271 min
Delta R.T.: -0.004 min
Response: 69459639
Conc: 53.07 ng/ml



#2 Decachlorobiphenyl

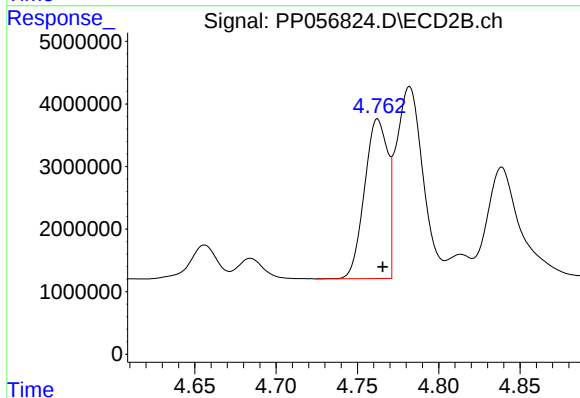
R.T.: 8.745 min
Delta R.T.: -0.007 min
Response: 79600203
Conc: 50.63 ng/ml



#3 AR-1016-1

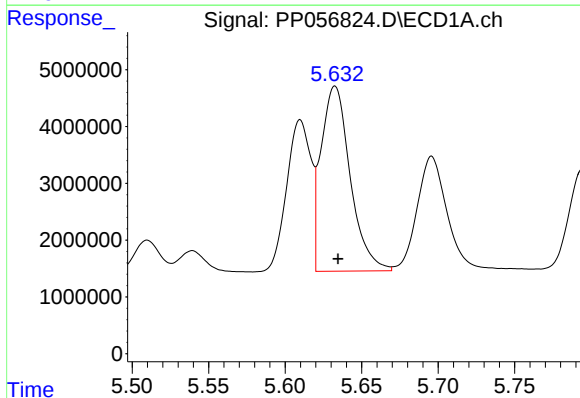
R.T.: 5.610 min
Delta R.T.: -0.002 min
Response: 29582114
Conc: 481.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



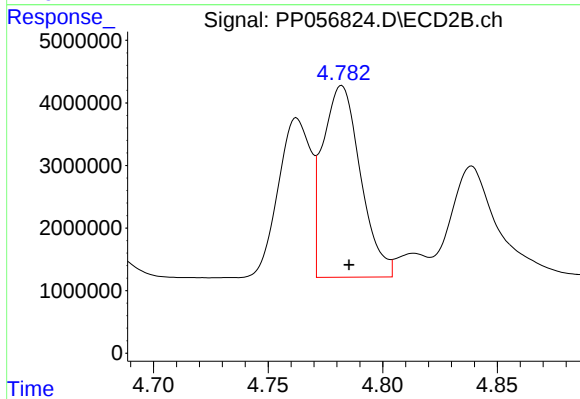
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 25277316
Conc: 474.60 ng/ml



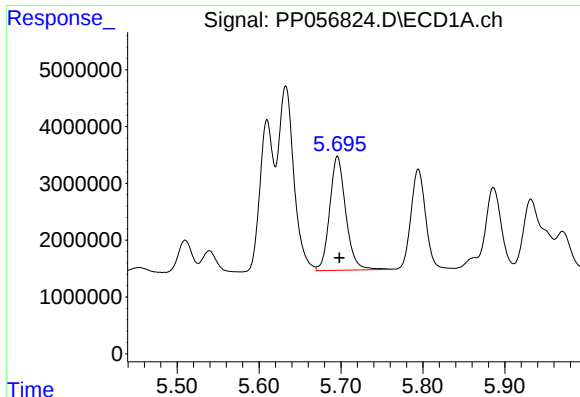
#4 AR-1016-2

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 43106233
Conc: 483.39 ng/ml



#4 AR-1016-2

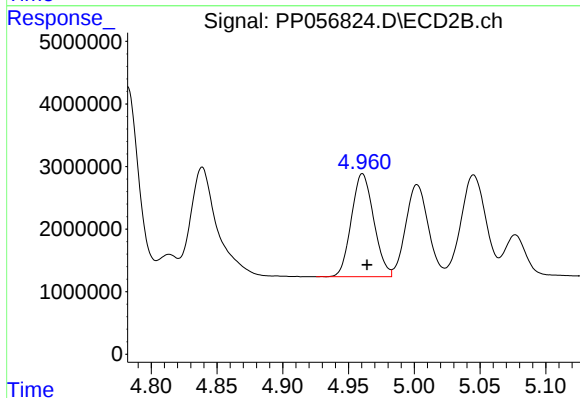
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 35128223
Conc: 473.73 ng/ml



#5 AR-1016-3

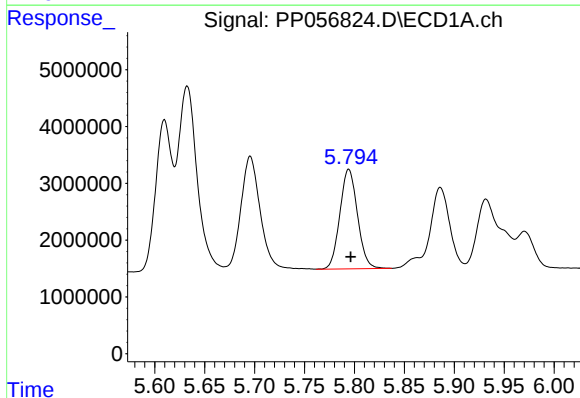
R.T.: 5.696 min
Delta R.T.: -0.002 min
Response: 27412055
Conc: 483.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



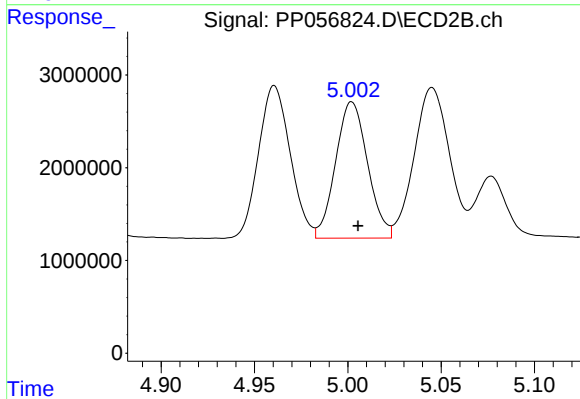
#5 AR-1016-3

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 19488192
Conc: 484.26 ng/ml



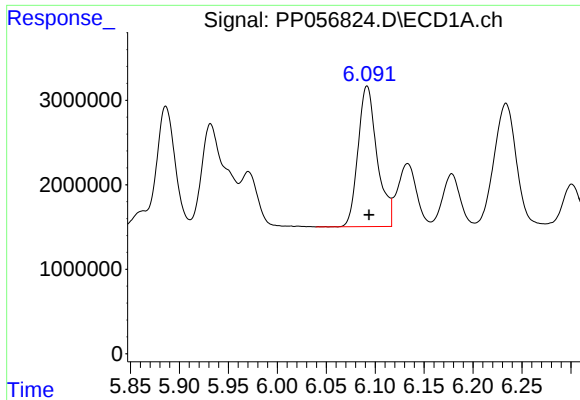
#6 AR-1016-4

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 21577873
Conc: 481.87 ng/ml



#6 AR-1016-4

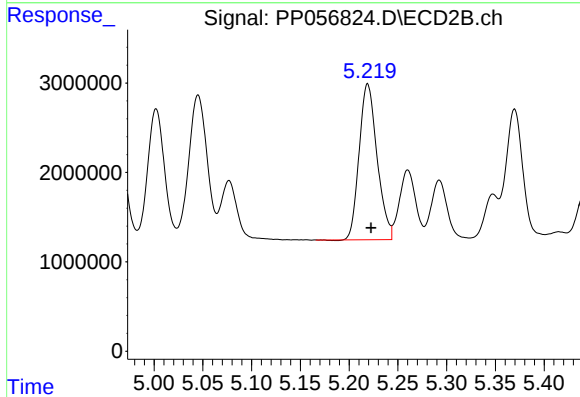
R.T.: 5.002 min
Delta R.T.: -0.003 min
Response: 17551084
Conc: 484.36 ng/ml



#7 AR-1016-5

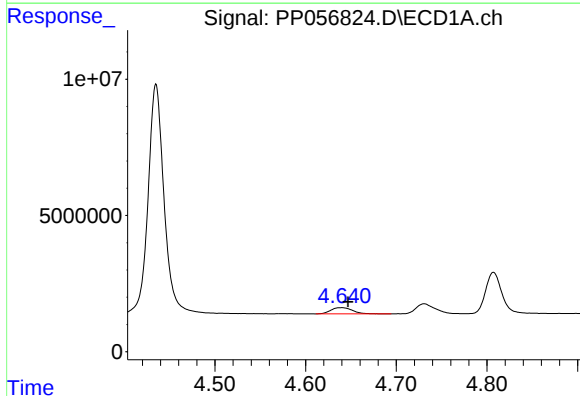
R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 22646527
Conc: 483.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



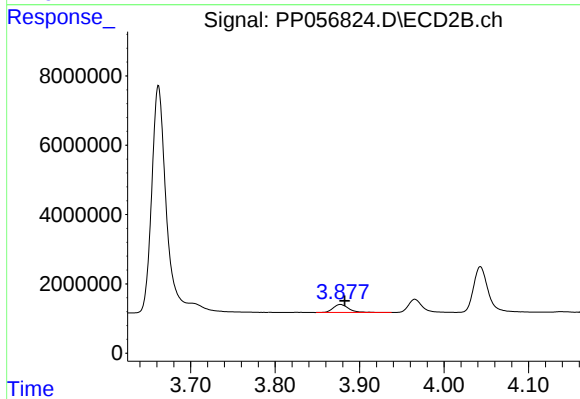
#7 AR-1016-5

R.T.: 5.219 min
Delta R.T.: -0.003 min
Response: 22279314
Conc: 474.42 ng/ml



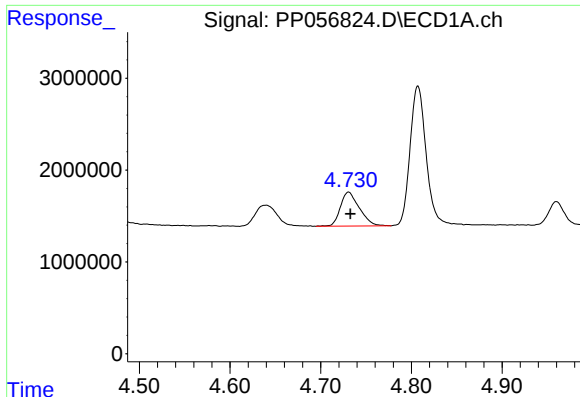
#8 AR-1221-1

R.T.: 4.639 min
Delta R.T.: -0.007 min
Response: 3849020
Conc: 145.92 ng/ml



#8 AR-1221-1

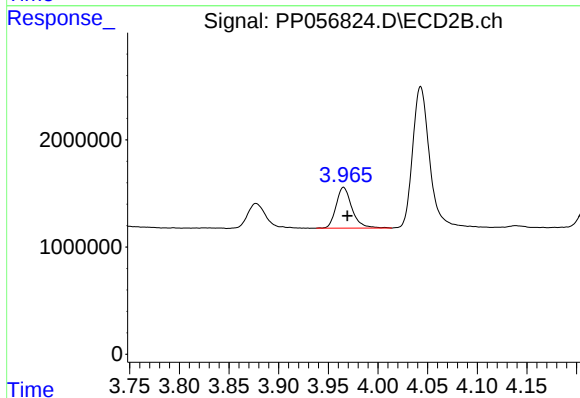
R.T.: 3.877 min
Delta R.T.: -0.005 min
Response: 2987358
Conc: 136.41 ng/ml



#9 AR-1221-2

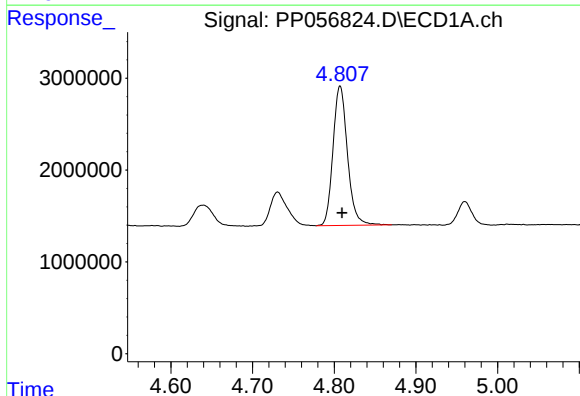
R.T.: 4.731 min
Delta R.T.: -0.002 min
Response: 5353048
Conc: 275.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



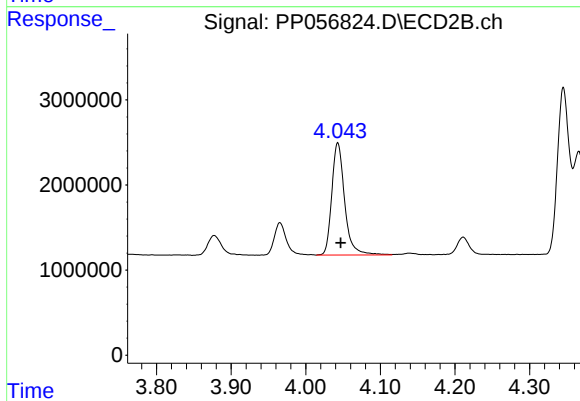
#9 AR-1221-2

R.T.: 3.965 min
Delta R.T.: -0.004 min
Response: 4263038
Conc: 259.47 ng/ml



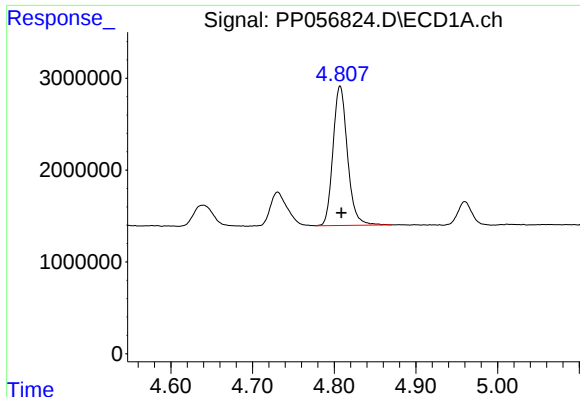
#10 AR-1221-3

R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 18683994
Conc: 327.94 ng/ml



#10 AR-1221-3

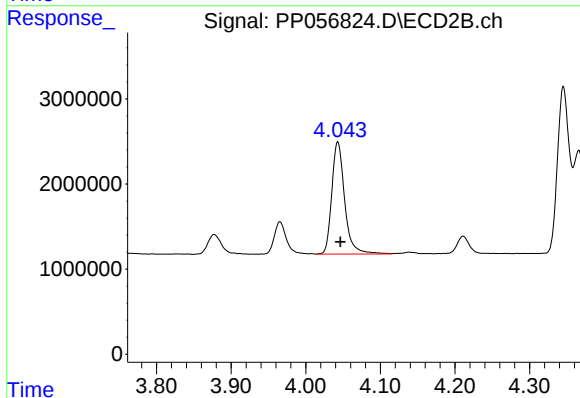
R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 15819749
Conc: 322.63 ng/ml



#11 AR-1232-1

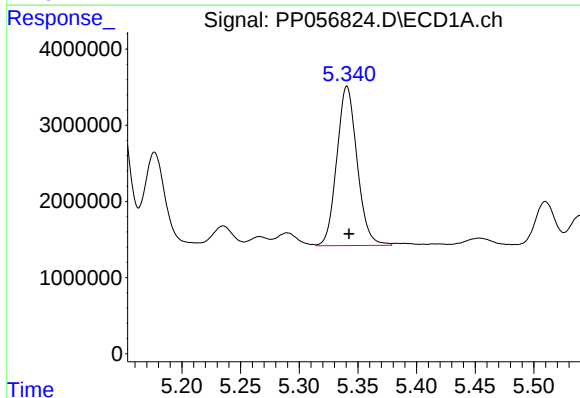
R.T.: 4.807 min
Delta R.T.: -0.002 min
Response: 18683994
Conc: 387.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



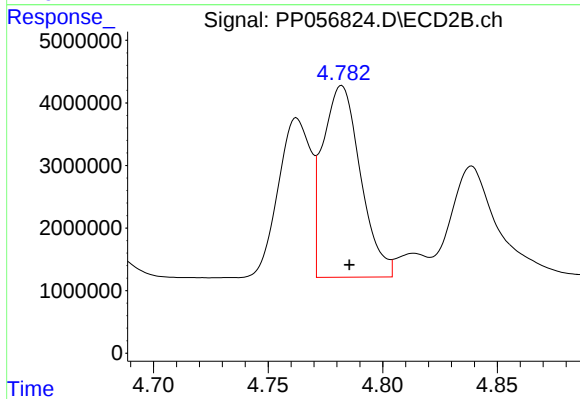
#11 AR-1232-1

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 15819749
Conc: 384.54 ng/ml



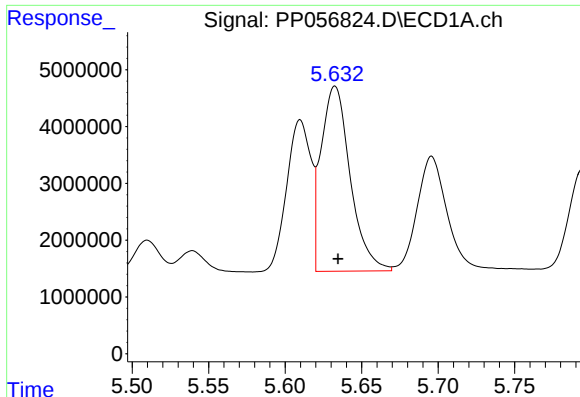
#12 AR-1232-2

R.T.: 5.341 min
Delta R.T.: -0.002 min
Response: 25222869
Conc: 1009.73 ng/ml



#12 AR-1232-2

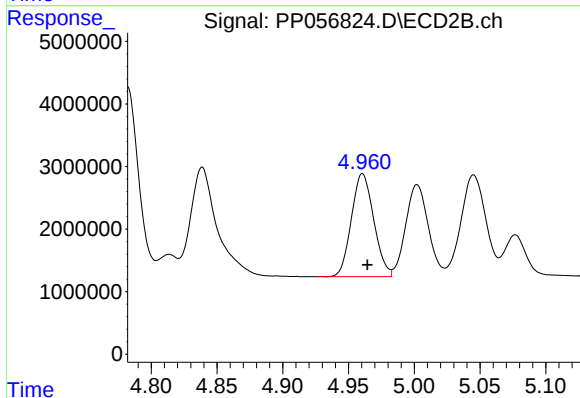
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 35128223
Conc: 1024.97 ng/ml



#13 AR-1232-3

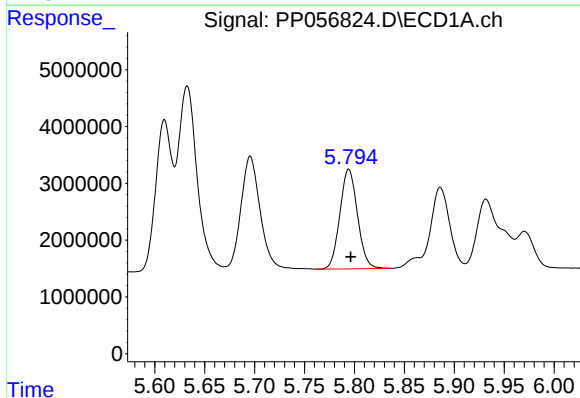
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 43106233
Conc: 1069.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



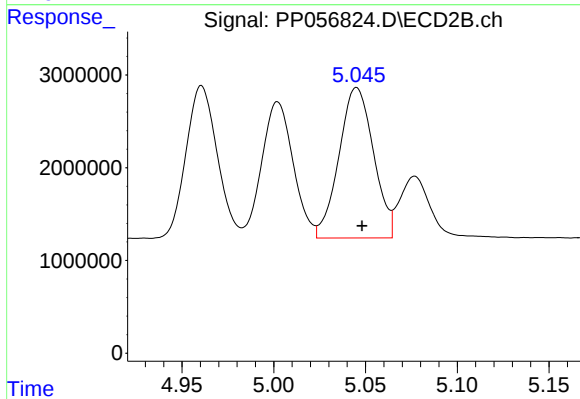
#13 AR-1232-3

R.T.: 4.961 min
Delta R.T.: -0.004 min
Response: 19488192
Conc: 1059.10 ng/ml



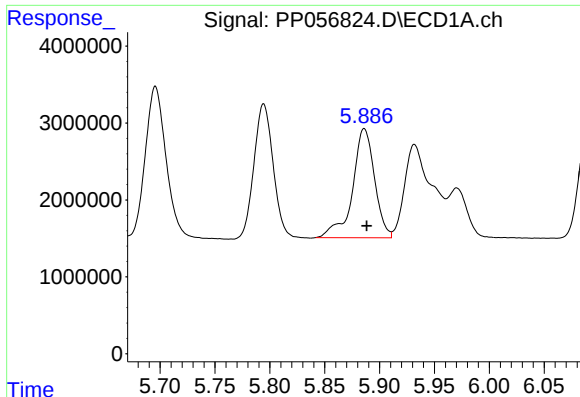
#14 AR-1232-4

R.T.: 5.794 min
Delta R.T.: -0.002 min
Response: 21577873
Conc: 1070.92 ng/ml



#14 AR-1232-4

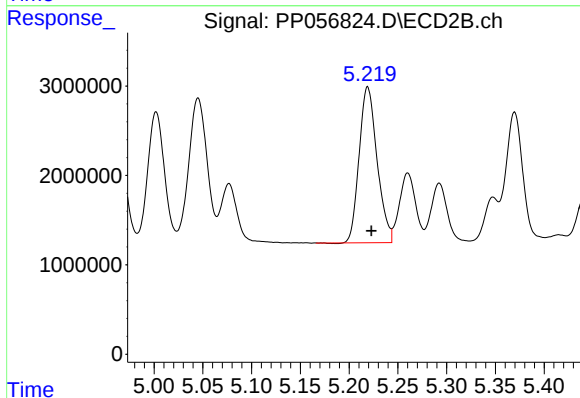
R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 21276430
Conc: 1110.29 ng/ml



#15 AR-1232-5

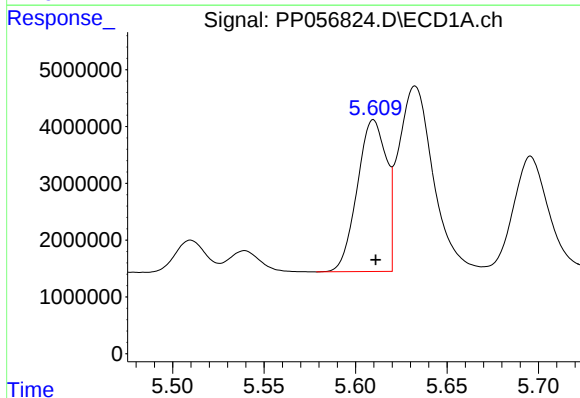
R.T.: 5.886 min
Delta R.T.: -0.002 min
Response: 19819123
Conc: 1127.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



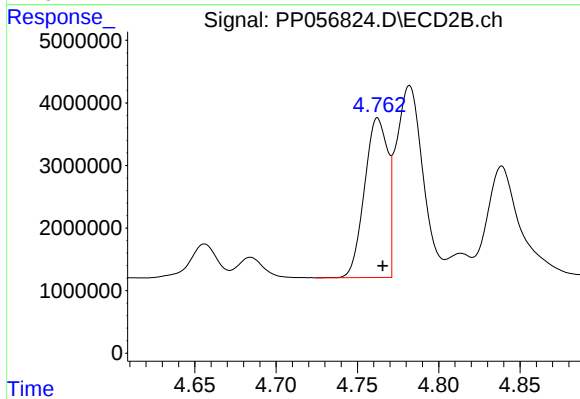
#15 AR-1232-5

R.T.: 5.219 min
Delta R.T.: -0.004 min
Response: 22279314
Conc: 1048.12 ng/ml



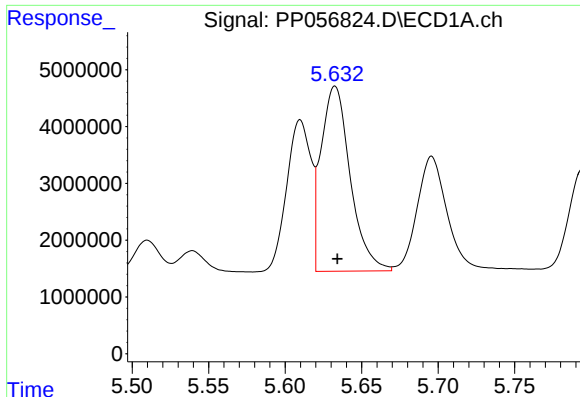
#16 AR-1242-1

R.T.: 5.610 min
Delta R.T.: -0.001 min
Response: 29582114
Conc: 588.26 ng/ml



#16 AR-1242-1

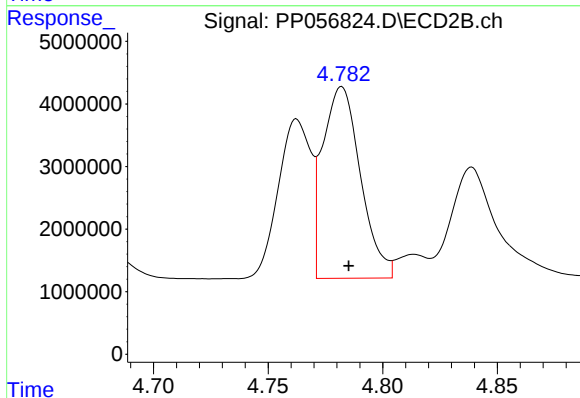
R.T.: 4.762 min
Delta R.T.: -0.003 min
Response: 25277316
Conc: 587.70 ng/ml



#17 AR-1242-2

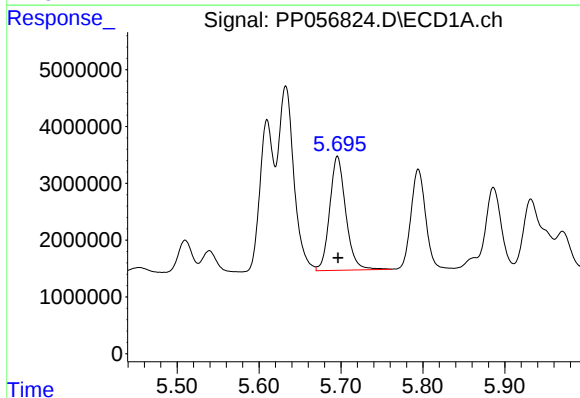
R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 43106233
Conc: 591.95 ng/ml

Instrument :
ECD_P
ClientSampleId :



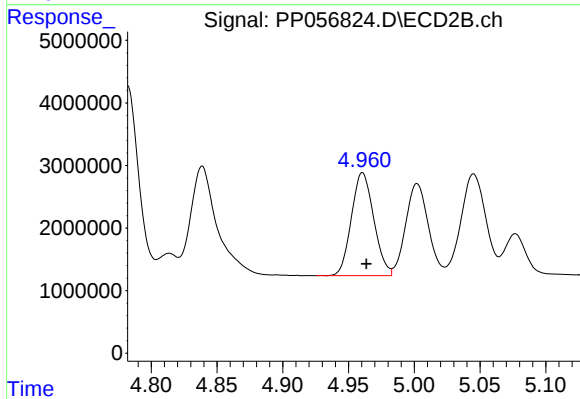
#17 AR-1242-2

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 35128223
Conc: 590.37 ng/ml



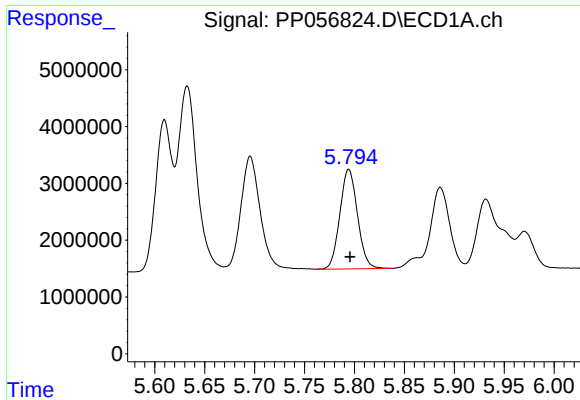
#18 AR-1242-3

R.T.: 5.696 min
Delta R.T.: 0.000 min
Response: 27412055
Conc: 598.27 ng/ml



#18 AR-1242-3

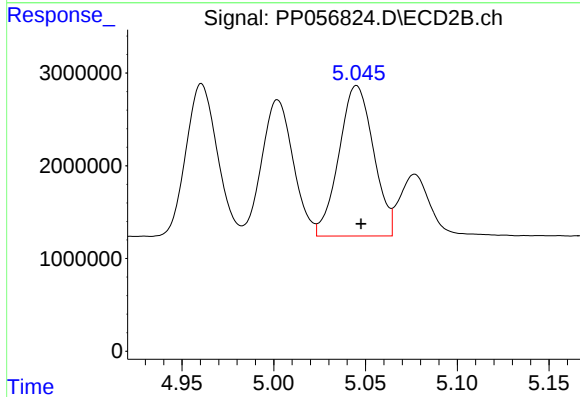
R.T.: 4.961 min
Delta R.T.: -0.003 min
Response: 19488192
Conc: 604.04 ng/ml



#19 AR-1242-4

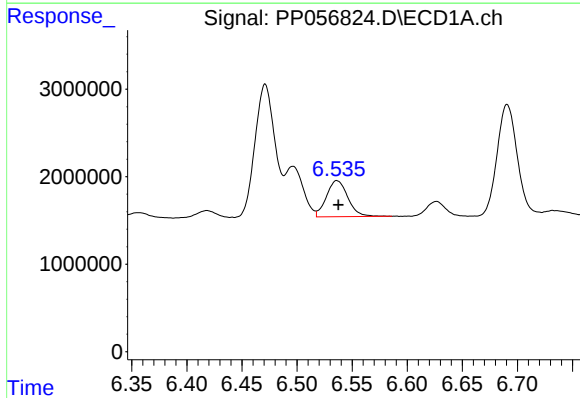
R.T.: 5.794 min
Delta R.T.: -0.001 min
Response: 21577873
Conc: 598.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



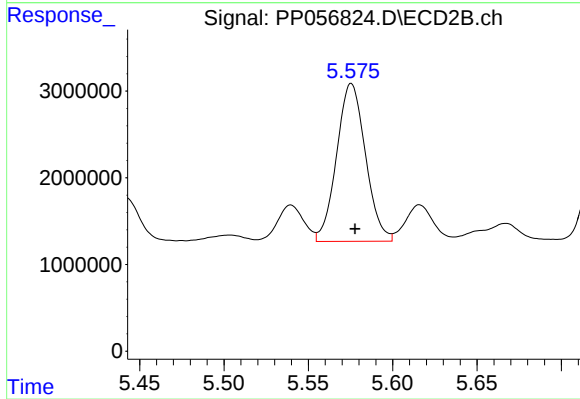
#19 AR-1242-4

R.T.: 5.045 min
Delta R.T.: -0.003 min
Response: 21276430
Conc: 583.95 ng/ml



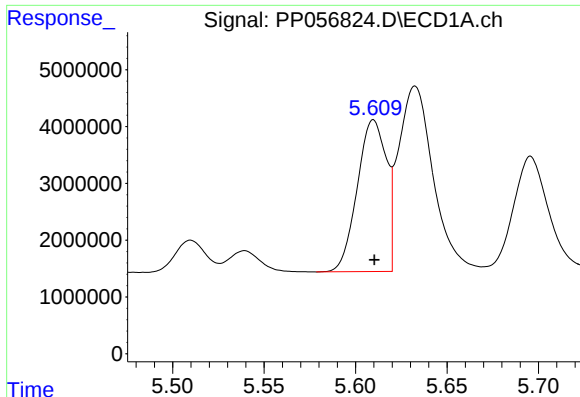
#20 AR-1242-5

R.T.: 6.536 min
Delta R.T.: -0.001 min
Response: 5600822
Conc: 168.73 ng/ml



#20 AR-1242-5

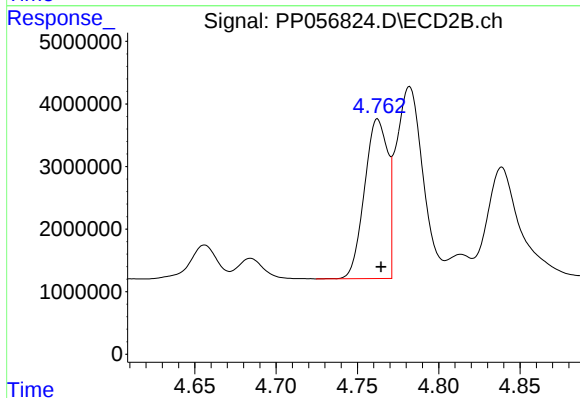
R.T.: 5.575 min
Delta R.T.: -0.002 min
Response: 21700844
Conc: 544.26 ng/ml



#21 AR-1248-1

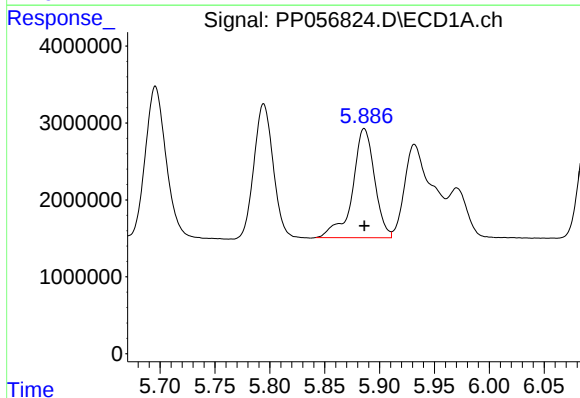
R.T.: 5.610 min
Delta R.T.: 0.000 min
Response: 29582114
Conc: 788.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



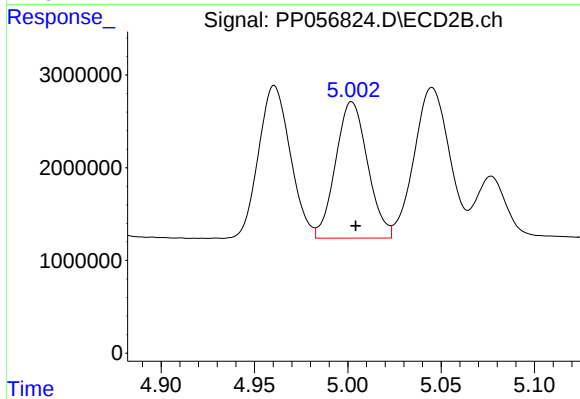
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: -0.002 min
Response: 25277316
Conc: 767.90 ng/ml



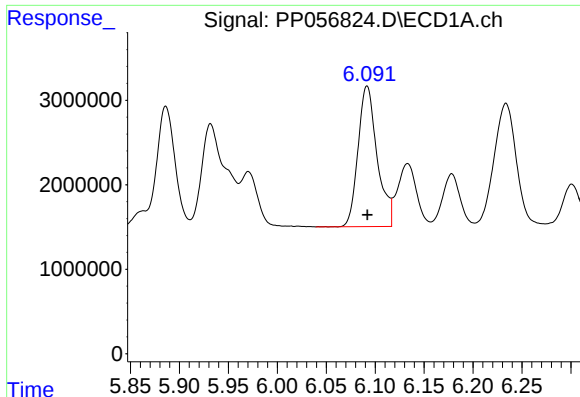
#22 AR-1248-2

R.T.: 5.886 min
Delta R.T.: 0.000 min
Response: 19819123
Conc: 336.52 ng/ml



#22 AR-1248-2

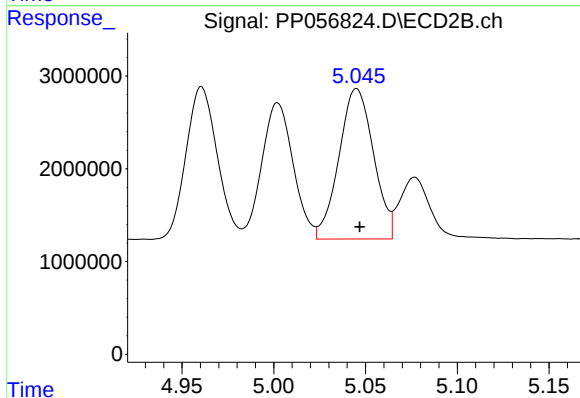
R.T.: 5.002 min
Delta R.T.: -0.002 min
Response: 17551084
Conc: 340.52 ng/ml



#23 AR-1248-3

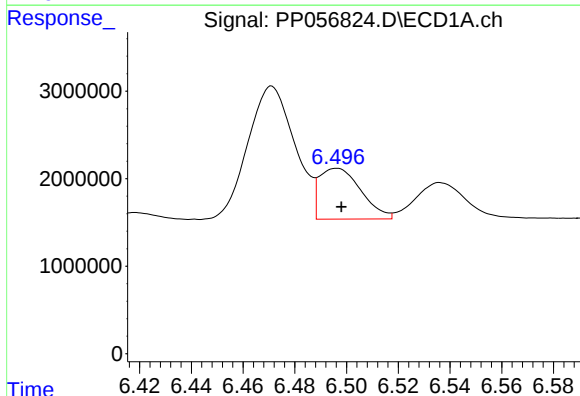
R.T.: 6.092 min
Delta R.T.: 0.000 min
Response: 22646527
Conc: 355.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



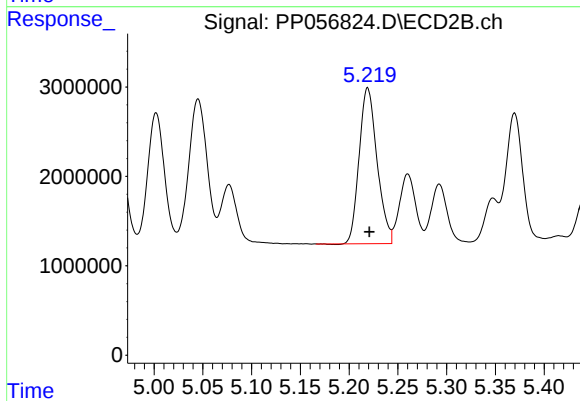
#23 AR-1248-3

R.T.: 5.045 min
Delta R.T.: -0.002 min
Response: 21276430
Conc: 396.35 ng/ml



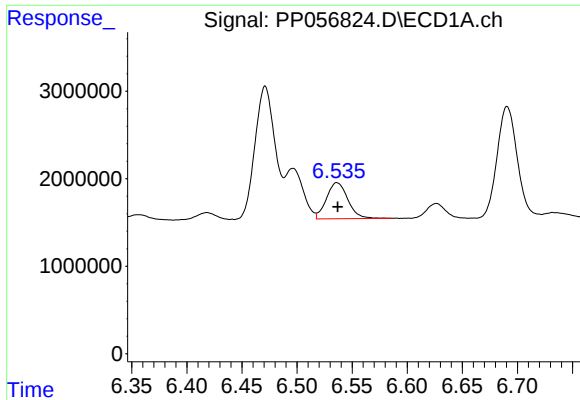
#24 AR-1248-4

R.T.: 6.496 min
Delta R.T.: -0.002 min
Response: 6490247
Conc: 111.76 ng/ml



#24 AR-1248-4

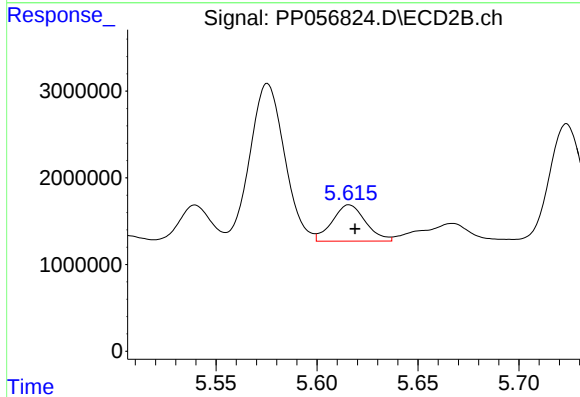
R.T.: 5.219 min
Delta R.T.: -0.002 min
Response: 22279314
Conc: 360.07 ng/ml



#25 AR-1248-5

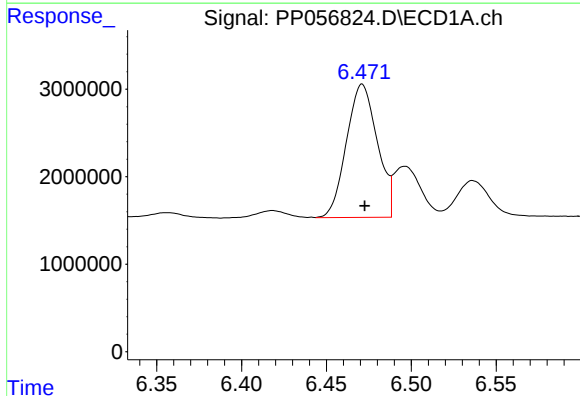
R.T.: 6.536 min
Delta R.T.: 0.000 min
Response: 5600822
Conc: 99.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



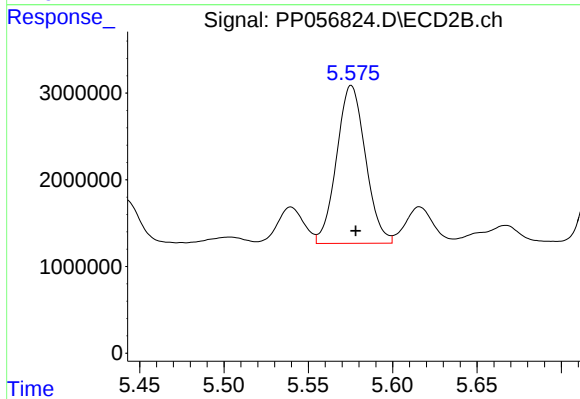
#25 AR-1248-5

R.T.: 5.616 min
Delta R.T.: -0.003 min
Response: 4829961
Conc: 94.07 ng/ml



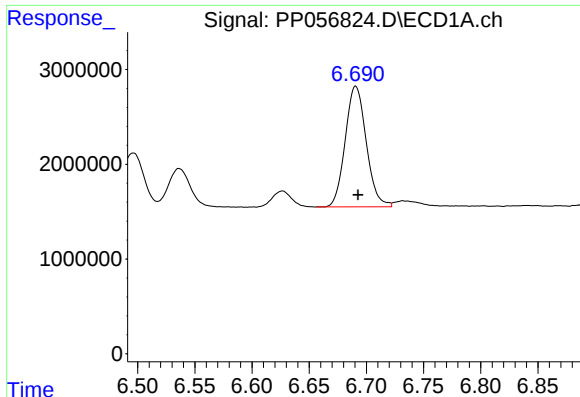
#26 AR-1254-1

R.T.: 6.471 min
Delta R.T.: -0.001 min
Response: 19277284
Conc: 271.87 ng/ml



#26 AR-1254-1

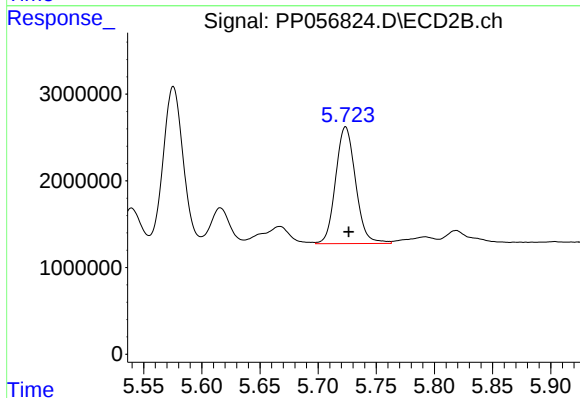
R.T.: 5.575 min
Delta R.T.: -0.003 min
Response: 21700844
Conc: 235.58 ng/ml



#27 AR-1254-2

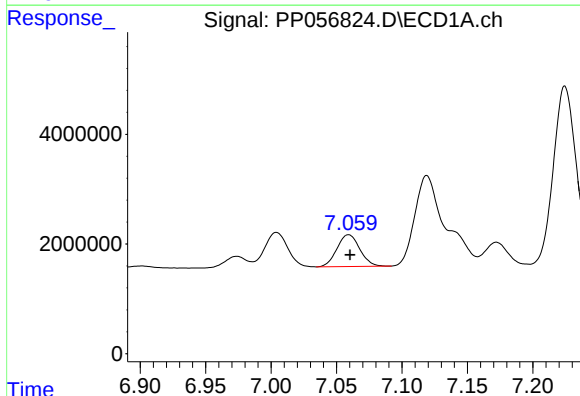
R.T.: 6.691 min
Delta R.T.: -0.002 min
Response: 16332590
Conc: 161.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



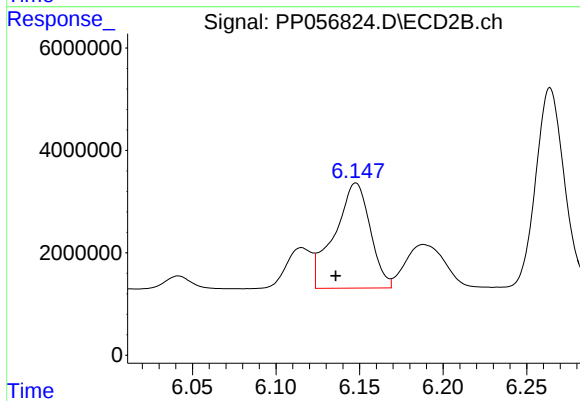
#27 AR-1254-2

R.T.: 5.724 min
Delta R.T.: -0.003 min
Response: 16103637
Conc: 200.37 ng/ml



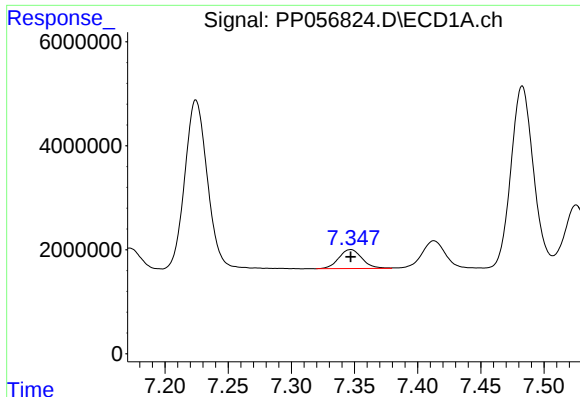
#28 AR-1254-3

R.T.: 7.059 min
Delta R.T.: -0.001 min
Response: 7048260
Conc: 72.71 ng/ml



#28 AR-1254-3

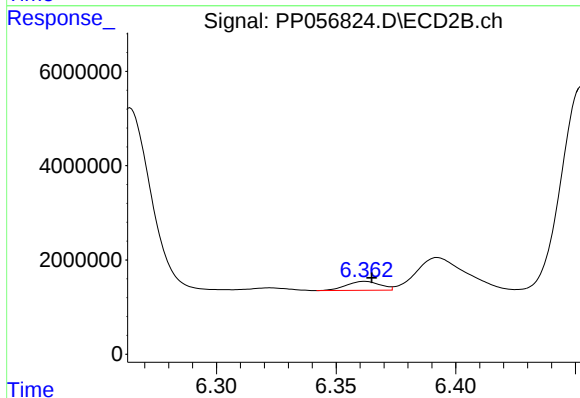
R.T.: 6.148 min
Delta R.T.: 0.012 min
Response: 30505333
Conc: 246.77 ng/ml



#29 AR-1254-4

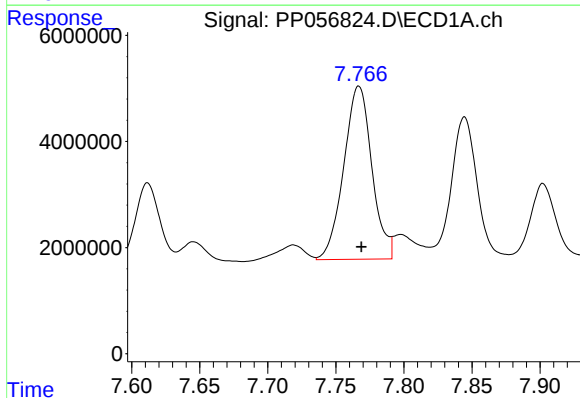
R.T.: 7.347 min
Delta R.T.: 0.000 min
Response: 4713533
Conc: 77.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



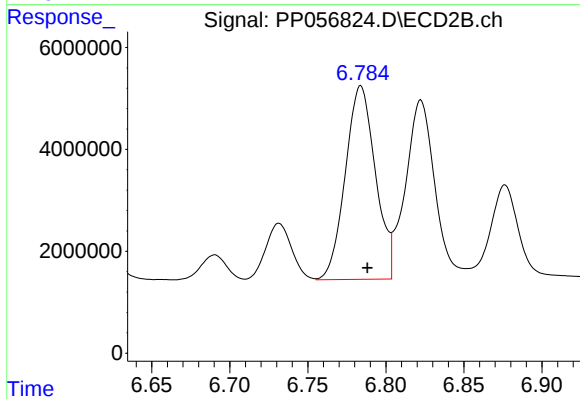
#29 AR-1254-4

R.T.: 6.362 min
Delta R.T.: -0.003 min
Response: 1861095
Conc: 29.28 ng/ml



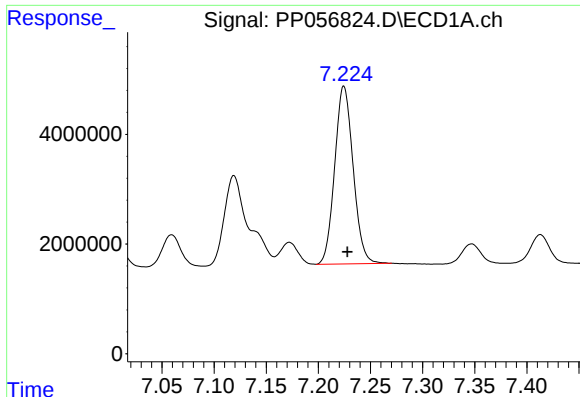
#30 AR-1254-5

R.T.: 7.767 min
Delta R.T.: -0.002 min
Response: 46977873
Conc: 689.41 ng/ml



#30 AR-1254-5

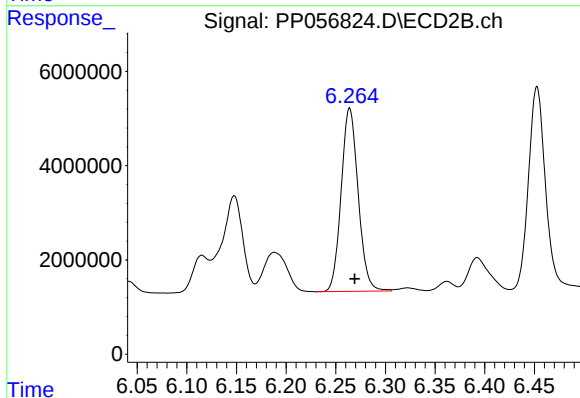
R.T.: 6.784 min
Delta R.T.: -0.004 min
Response: 50963591
Conc: 484.74 ng/ml



#31 AR-1260-1

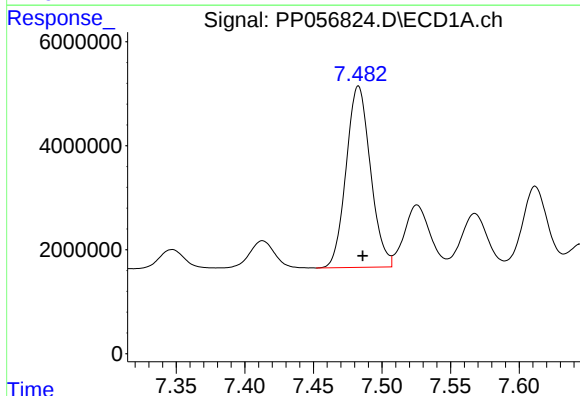
R.T.: 7.224 min
Delta R.T.: -0.003 min
Response: 39920147
Conc: 490.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



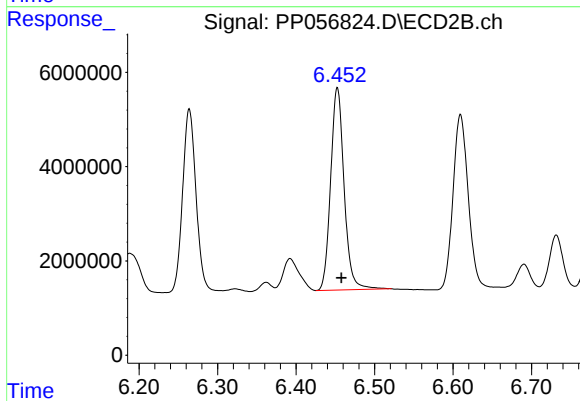
#31 AR-1260-1

R.T.: 6.264 min
Delta R.T.: -0.005 min
Response: 46301359
Conc: 484.10 ng/ml



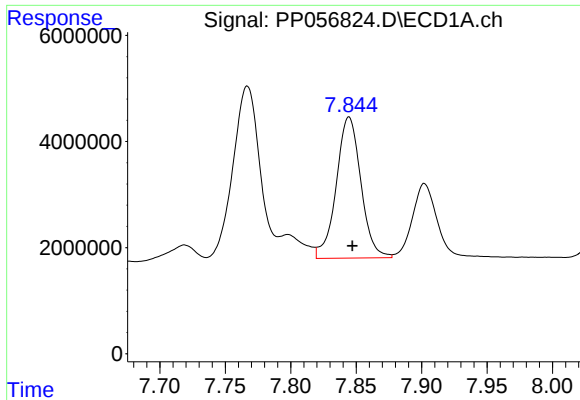
#32 AR-1260-2

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 43051739
Conc: 504.61 ng/ml



#32 AR-1260-2

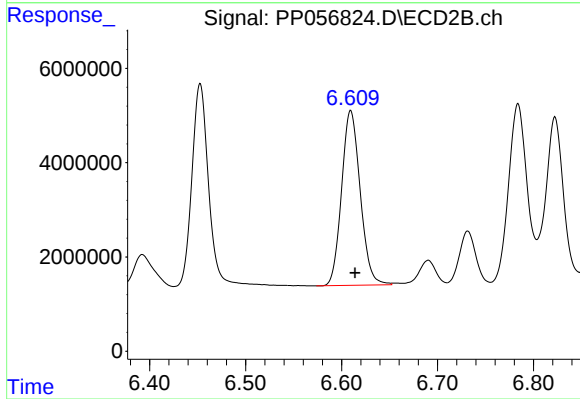
R.T.: 6.453 min
Delta R.T.: -0.005 min
Response: 51301311
Conc: 496.73 ng/ml



#33 AR-1260-3

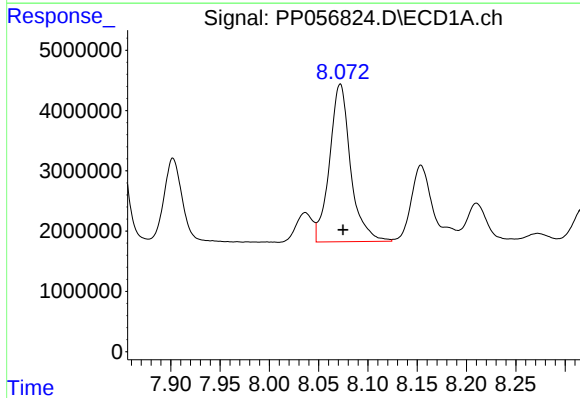
R.T.: 7.845 min
Delta R.T.: -0.003 min
Response: 34888751
Conc: 499.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



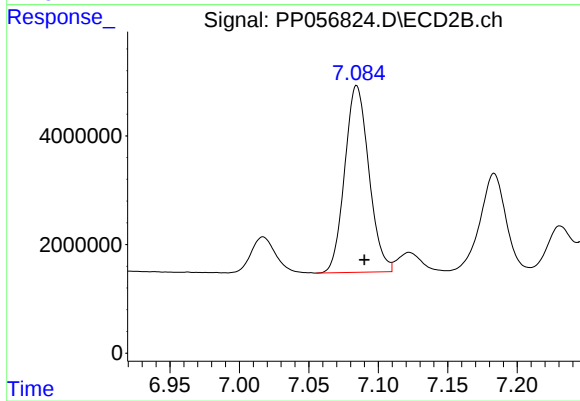
#33 AR-1260-3

R.T.: 6.609 min
Delta R.T.: -0.005 min
Response: 50088590
Conc: 482.99 ng/ml



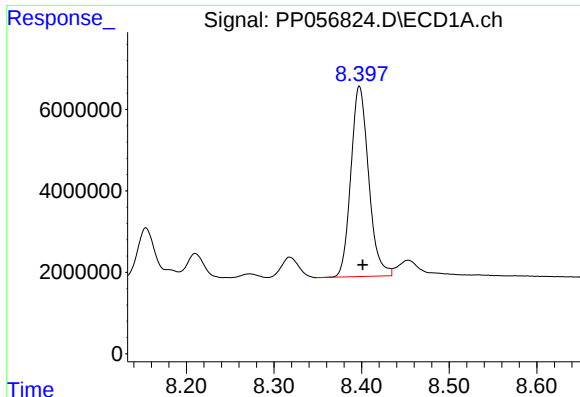
#34 AR-1260-4

R.T.: 8.072 min
Delta R.T.: -0.003 min
Response: 38878925
Conc: 509.56 ng/ml



#34 AR-1260-4

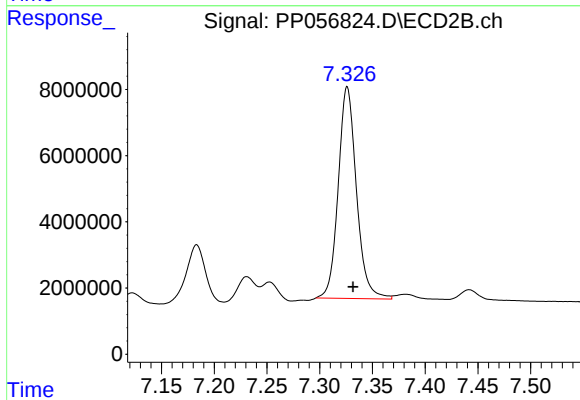
R.T.: 7.084 min
Delta R.T.: -0.005 min
Response: 41604224
Conc: 487.11 ng/ml



#35 AR-1260-5

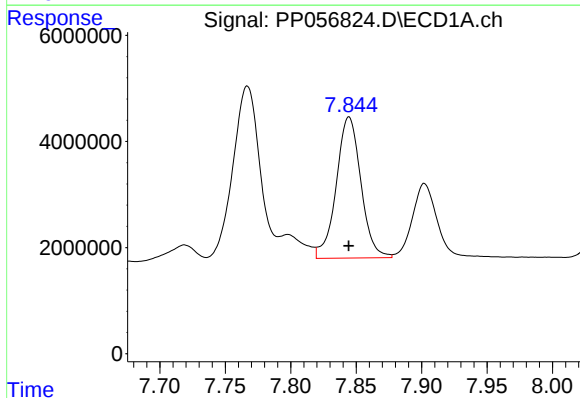
R.T.: 8.398 min
Delta R.T.: -0.004 min
Response: 65802850
Conc: 519.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



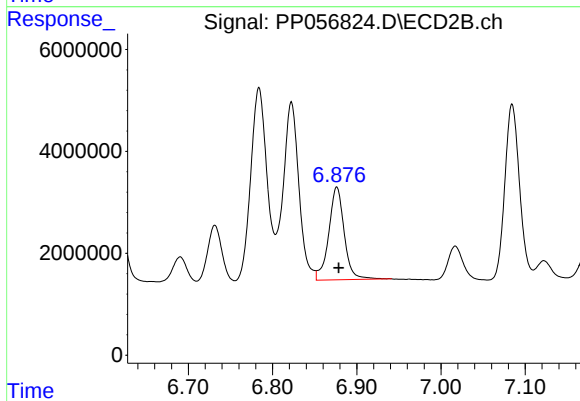
#35 AR-1260-5

R.T.: 7.326 min
Delta R.T.: -0.005 min
Response: 76782924
Conc: 485.16 ng/ml



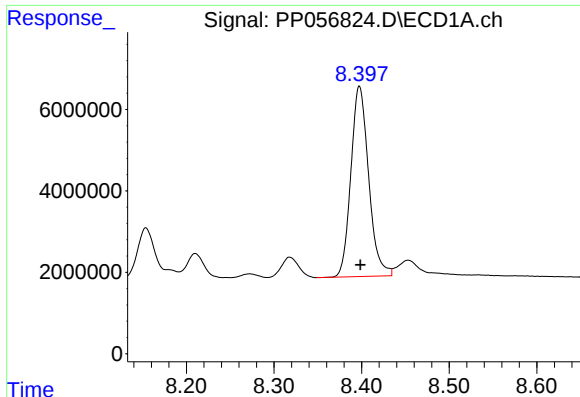
#36 AR-1262-1

R.T.: 7.845 min
Delta R.T.: 0.000 min
Response: 34888751
Conc: 396.10 ng/ml



#36 AR-1262-1

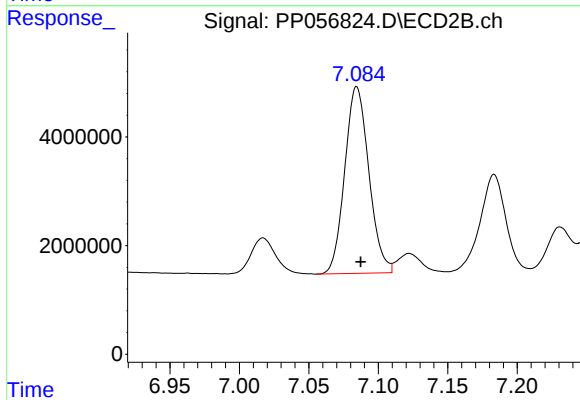
R.T.: 6.876 min
Delta R.T.: -0.002 min
Response: 23319043
Conc: 498.37 ng/ml



#37 AR-1262-2

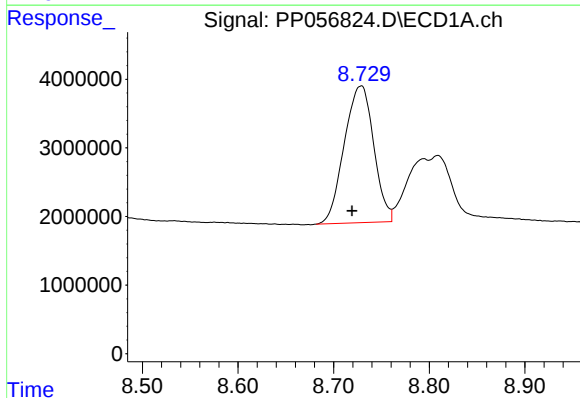
R.T.: 8.398 min
Delta R.T.: -0.001 min
Response: 65802850
Conc: 508.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



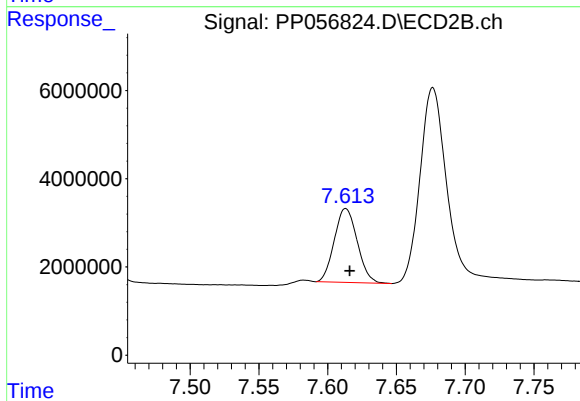
#37 AR-1262-2

R.T.: 7.084 min
Delta R.T.: -0.003 min
Response: 41604224
Conc: 425.37 ng/ml



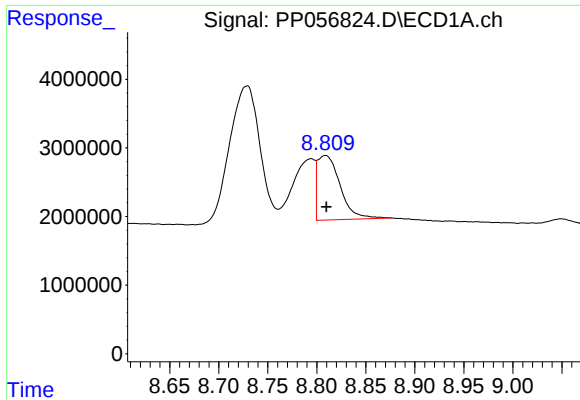
#38 AR-1262-3

R.T.: 8.729 min
Delta R.T.: 0.010 min
Response: 42734914
Conc: 463.96 ng/ml



#38 AR-1262-3

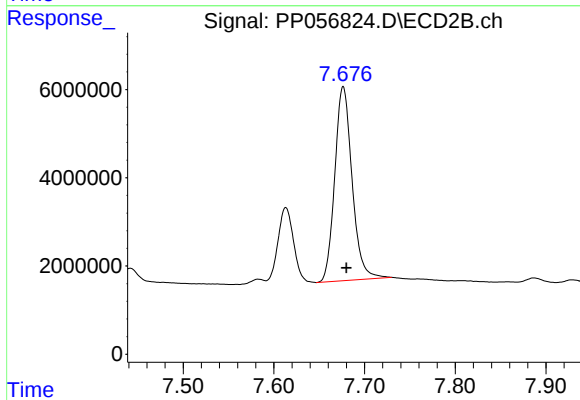
R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 19489903
Conc: 293.46 ng/ml



#39 AR-1262-4

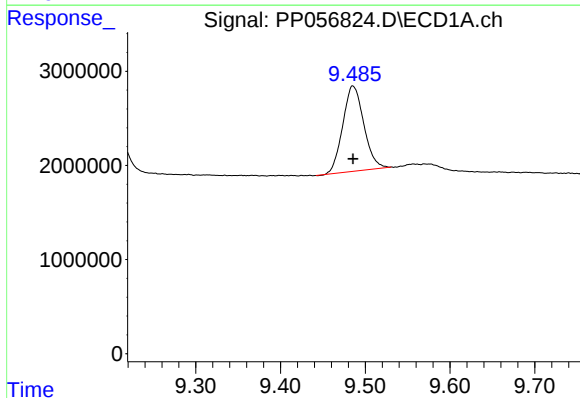
R.T.: 8.809 min
Delta R.T.: -0.001 min
Response: 15197076
Conc: 334.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



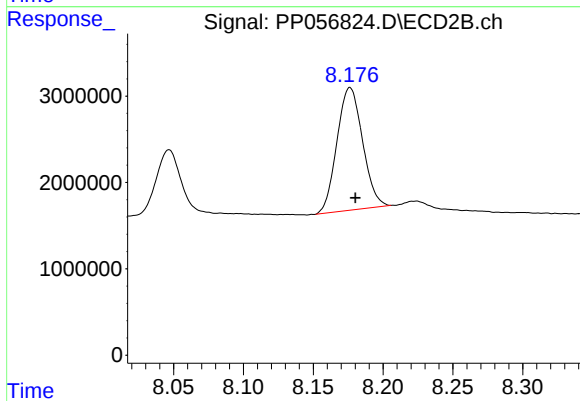
#39 AR-1262-4

R.T.: 7.677 min
Delta R.T.: -0.004 min
Response: 58400368
Conc: 495.49 ng/ml



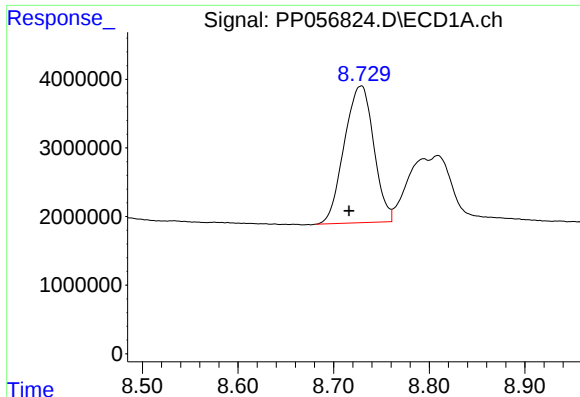
#40 AR-1262-5

R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 15707335
Conc: 391.00 ng/ml



#40 AR-1262-5

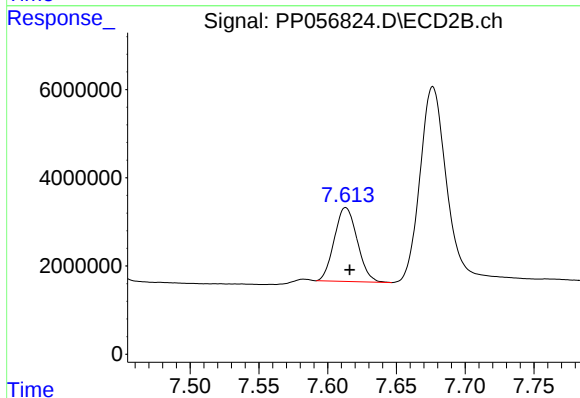
R.T.: 8.176 min
Delta R.T.: -0.004 min
Response: 18228626
Conc: 374.01 ng/ml



#41 AR-1268-1

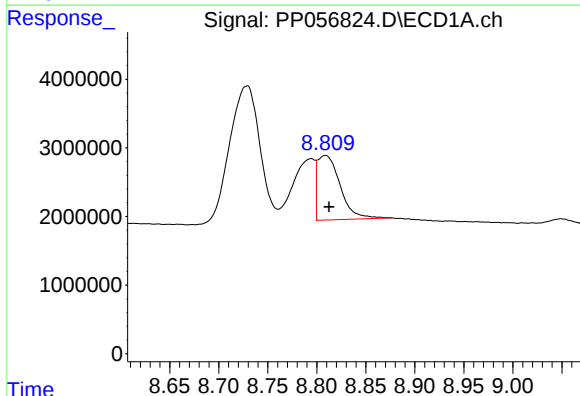
R.T.: 8.729 min
Delta R.T.: 0.013 min
Response: 42734914
Conc: 229.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



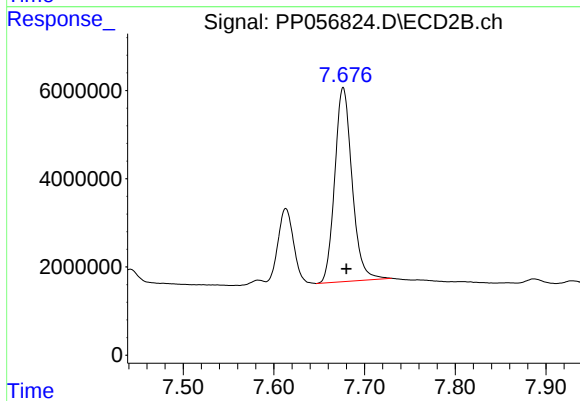
#41 AR-1268-1

R.T.: 7.613 min
Delta R.T.: -0.003 min
Response: 19489903
Conc: 87.92 ng/ml



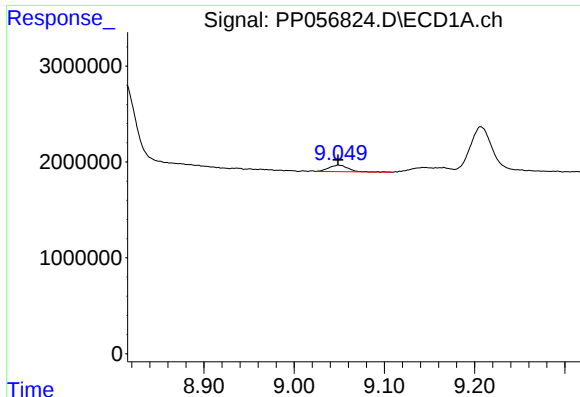
#42 AR-1268-2

R.T.: 8.809 min
Delta R.T.: -0.003 min
Response: 15197076
Conc: 91.58 ng/ml



#42 AR-1268-2

R.T.: 7.677 min
Delta R.T.: -0.004 min
Response: 58400368
Conc: 300.72 ng/ml



#43 AR-1268-3

R.T.: 9.049 min
Delta R.T.: 0.000 min
Response: 1008446
Conc: 6.34 ng/ml

Instrument :
ECD_P
ClientSampleId :

#43 AR-1268-3

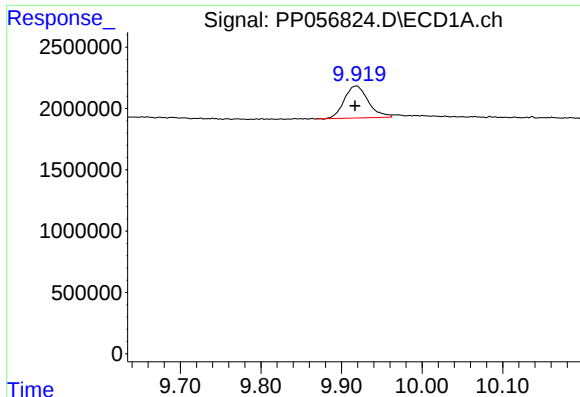
R.T.: 7.887 min
Delta R.T.: -0.004 min
Response: 1102606
Conc: 5.56 ng/ml

#44 AR-1268-4

R.T.: 9.485 min
Delta R.T.: 0.000 min
Response: 15707335
Conc: 338.30 ng/ml

#44 AR-1268-4

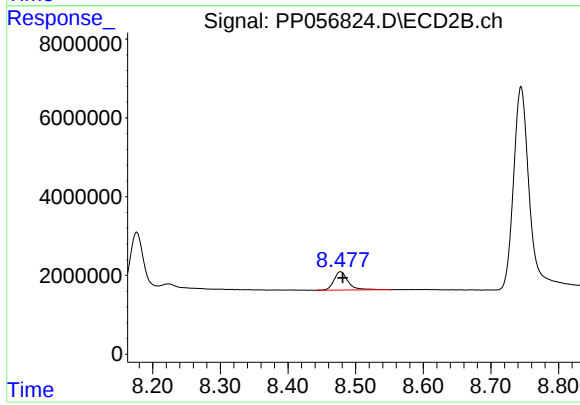
R.T.: 8.176 min
Delta R.T.: -0.003 min
Response: 18228626
Conc: 315.14 ng/ml



#45 AR-1268-5

R.T.: 9.918 min
Delta R.T.: 0.002 min
Response: 5404588
Conc: 12.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.478 min
Delta R.T.: -0.004 min
Response: 6829792
Conc: 13.45 ng/ml