

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP011923\
 Data File : PP054718.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Jan 2023 14:27
 Operator : YP\AJ
 Sample : 01217-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:51:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Jan 18 04:34:06 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...	4.330	3.577	40820160	35055744	22.231	21.900
2)	SA Decachlor...	10.091	8.598	29615386	27527948	22.064	19.223
Target Compounds							
3)	L1 AR-1016-1	5.503	4.664	9033186	6755748	139.482	134.124
4)	L1 AR-1016-2	5.526	4.683	22004117	15436248	232.857	216.226
5)	L1 AR-1016-3	5.595	4.860	2342697	8181224	39.283	210.133 #
6)	L1 AR-1016-4	5.686	4.902	9978739	23980557	209.985	706.054 #
7)	L1 AR-1016-5	5.983	5.115	28418086	24380308	586.996	556.452
8)	L2 AR-1221-1	4.537	3.784	533466	109705	23.310	5.544 #
9)	L2 AR-1221-2	4.637	3.876	1025631	911685	58.276	60.689
10)	L2 AR-1221-3	4.699	0.000	78181	0	1.471	N.D. #
11)	L3 AR-1232-1	4.699	0.000	78181	0	1.759	N.D. #
12)	L3 AR-1232-2	5.234	4.683	5011422	15436248	207.884	472.201 #
13)	L3 AR-1232-3	5.526	4.860	22004117	8181224	510.539	475.739
14)	L3 AR-1232-4	5.686	4.943	9978739	18153292	464.931	1047.913 #
15)	L3 AR-1232-5	5.778	5.115	31047672	24380308	1804.510	1288.214 #
16)	L4 AR-1242-1	5.503	4.664	9033186	6755748	167.064	160.127
17)	L4 AR-1242-2	5.526	4.683	22004117	15436248	282.033	262.896
18)	L4 AR-1242-3	5.595	4.860	2342697	8181224	47.689	255.038 #
19)	L4 AR-1242-4	5.686	4.943	9978739	18153292	251.546	517.384 #
20)	L4 AR-1242-5	6.427	5.468	38474920	53039614	1066.374	1395.389 #
21)	L5 AR-1248-1	5.503	4.664	9033186	6755748	226.829	215.914
22)	L5 AR-1248-2	5.778	4.902	31047672	23980557	523.081	499.482
23)	L5 AR-1248-3	5.983	4.943	28418086	18153292	430.639	357.224
24)	L5 AR-1248-4	6.388	5.115	37399231	24380308	559.715	410.089 #
25)	L5 AR-1248-5	6.427	5.509	38474920	25352082	591.760	498.966
26)	L6 AR-1254-1	6.361	5.468	45919006	53039614	649.679	623.841
27)	L6 AR-1254-2	6.583	5.617	68939227	34678050	720.265	476.557 #
28)	L6 AR-1254-3	6.950	6.022	59936268	57885454	690.816	511.466 #
29)	L6 AR-1254-4	7.237	6.251	33071072	31438501	527.879	505.110
30)	L6 AR-1254-5	7.657	6.671	46078578	53293249	658.463	562.348
31)	L7 AR-1260-1	7.115	6.153	24525499	30969280	357.068	373.034
32)	L7 AR-1260-2	7.373	6.341	21831373	22861111	272.994	248.368
33)	L7 AR-1260-3	7.732	6.494	6620780	23256026	109.908	258.749 #
34)	L7 AR-1260-4	7.947f	6.969	16981062	4402532	242.695	58.493 #
35)	L7 AR-1260-5	8.278	7.212	10240488	10757583	78.604	67.699
36)	L8 AR-1262-1	7.732	6.762	6620780	2448868	80.882	57.732 #
37)	L8 AR-1262-2	8.278	6.969	10240488	4402532	72.330	47.883 #
38)	L8 AR-1262-3	8.600	7.497	7987935	1691578	77.481	23.546 #
39)	L8 AR-1262-4	8.655f	7.559	3472785	9769685	69.854	75.550
40)	L8 AR-1262-5	9.335	8.056	2360724	2254213	41.448	37.835
41)	L9 AR-1268-1	8.600	7.497	7987935	1691578	43.311	7.824 #

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 Operator : YP\AJ
 Sample : 01217-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

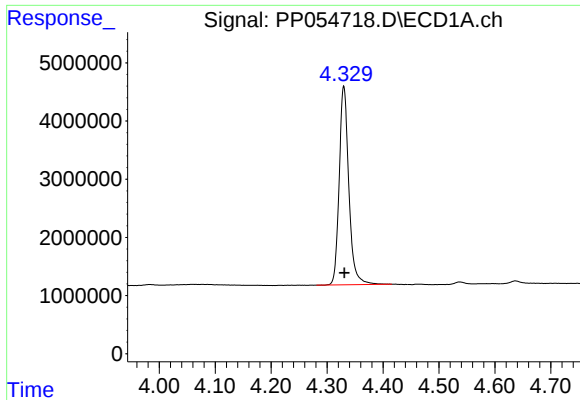
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 19 20:51:27 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP011723.M
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 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	8.655f	7.559	3472785	9769685	20.489	49.875 #
43) L9	AR-1268-3	8.910	7.772	232716	150387	1.562	0.850 #
44) L9	AR-1268-4	9.335	8.056	2360724	2254213	36.569	33.327
45) L9	AR-1268-5	9.749	8.345	1016652	847021	2.107	1.646

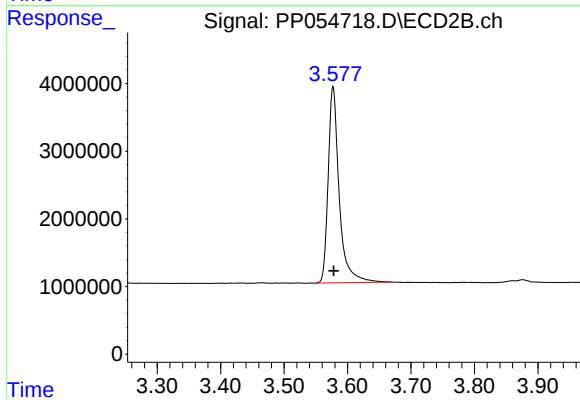
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

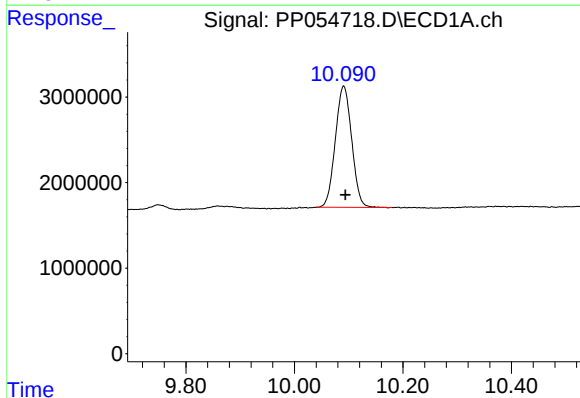
R.T.: 4.330 min
Delta R.T.: -0.001 min
Response: 40820160
Conc: 22.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



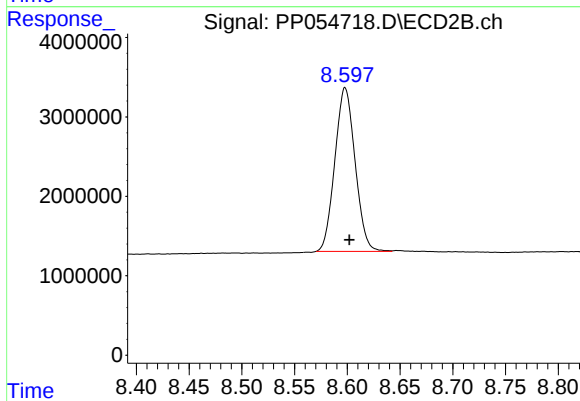
#1 Tetrachloro-m-xylene

R.T.: 3.577 min
Delta R.T.: -0.001 min
Response: 35055744
Conc: 21.90 ng/ml



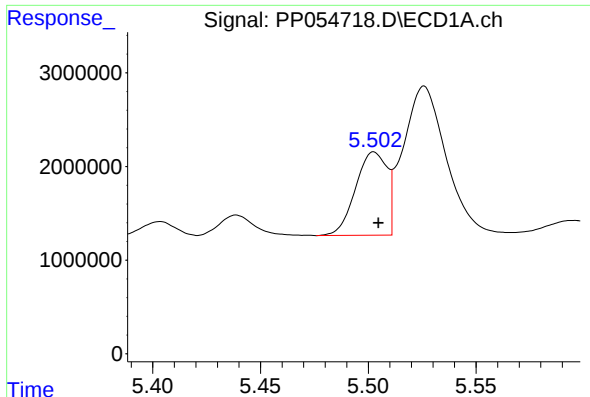
#2 Decachlorobiphenyl

R.T.: 10.091 min
Delta R.T.: -0.004 min
Response: 29615386
Conc: 22.06 ng/ml



#2 Decachlorobiphenyl

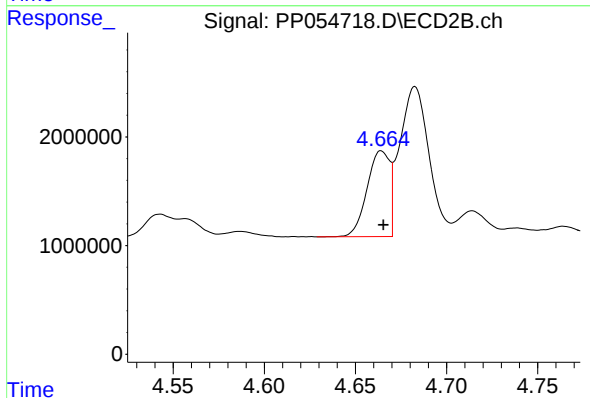
R.T.: 8.598 min
Delta R.T.: -0.004 min
Response: 27527948
Conc: 19.22 ng/ml



#3 AR-1016-1

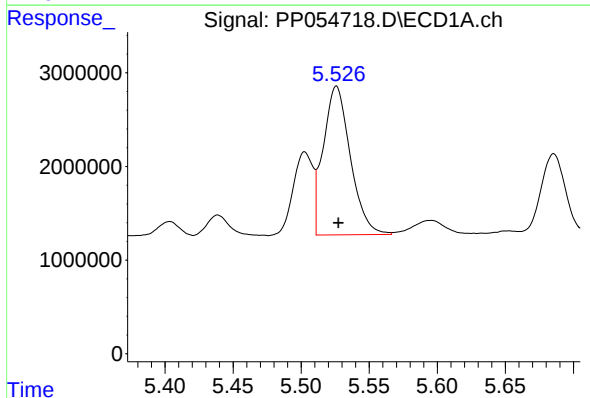
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 9033186
Conc: 139.48 ng/ml

Instrument :
ECD_P
ClientSampleId :



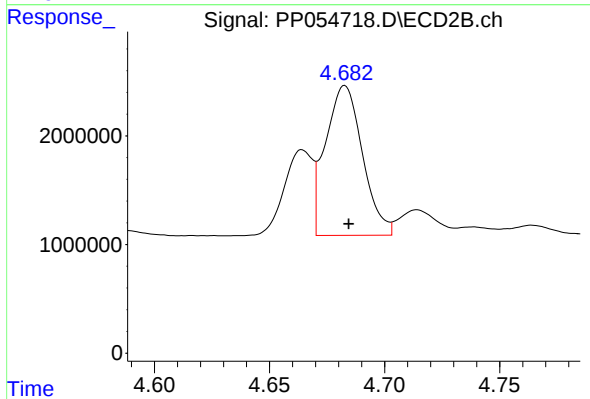
#3 AR-1016-1

R.T.: 4.664 min
Delta R.T.: -0.001 min
Response: 6755748
Conc: 134.12 ng/ml



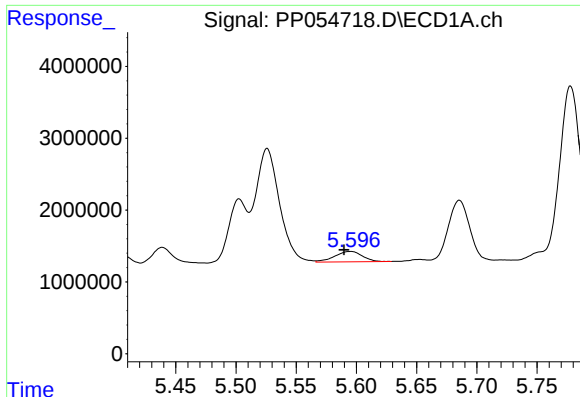
#4 AR-1016-2

R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 22004117
Conc: 232.86 ng/ml



#4 AR-1016-2

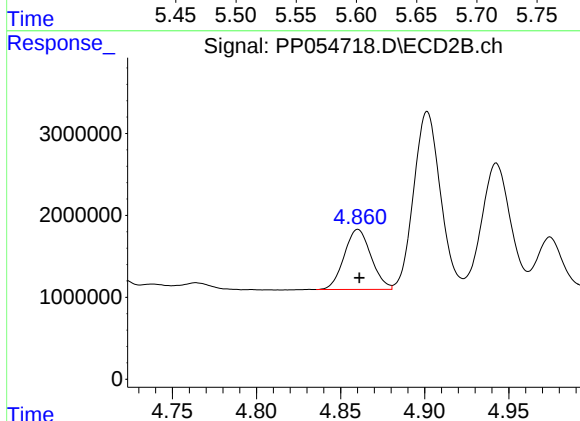
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 15436248
Conc: 216.23 ng/ml



#5 AR-1016-3

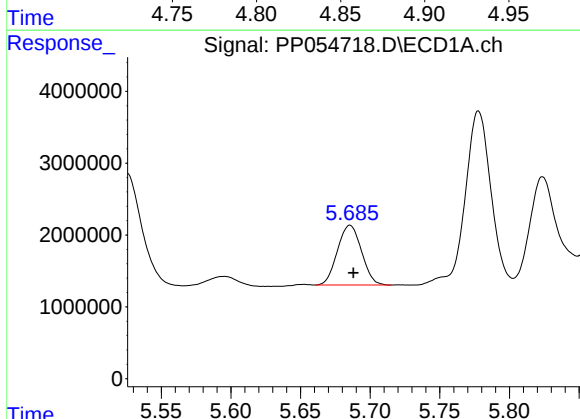
R.T.: 5.595 min
Delta R.T.: 0.005 min
Response: 2342697
Conc: 39.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



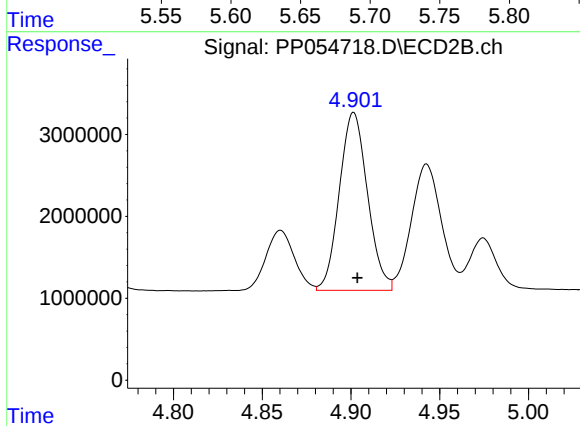
#5 AR-1016-3

R.T.: 4.860 min
Delta R.T.: 0.000 min
Response: 8181224
Conc: 210.13 ng/ml



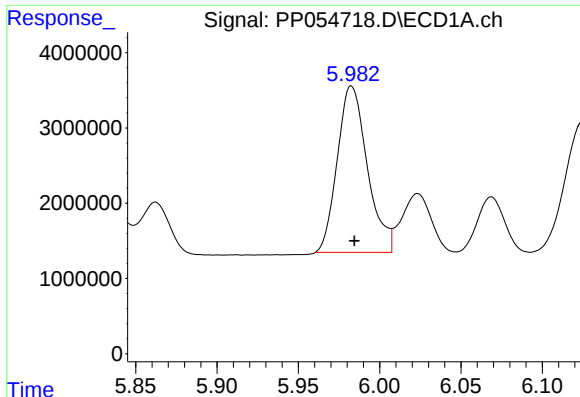
#6 AR-1016-4

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 9978739
Conc: 209.98 ng/ml



#6 AR-1016-4

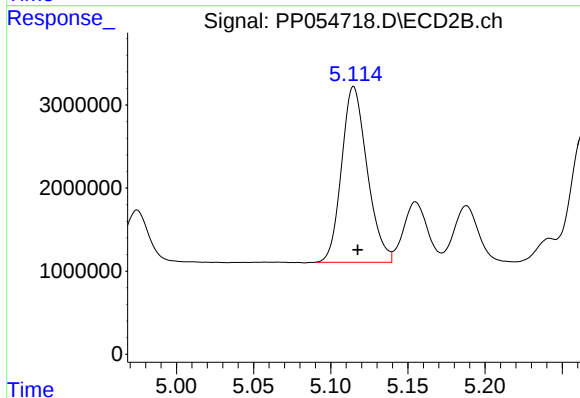
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 23980557
Conc: 706.05 ng/ml



#7 AR-1016-5

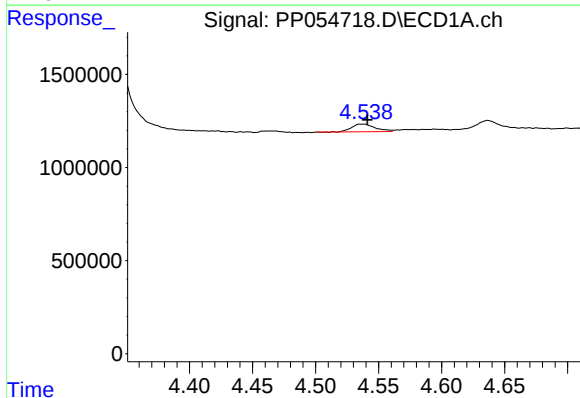
R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 28418086
Conc: 587.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



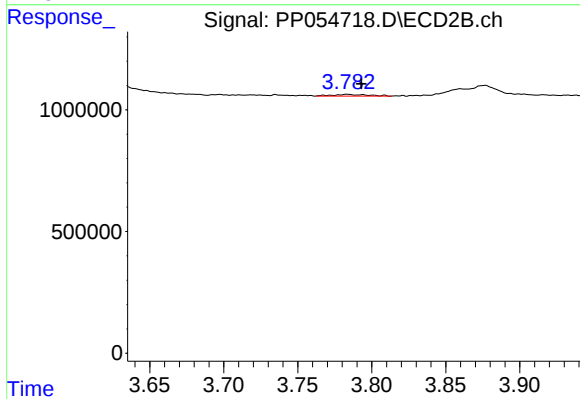
#7 AR-1016-5

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24380308
Conc: 556.45 ng/ml



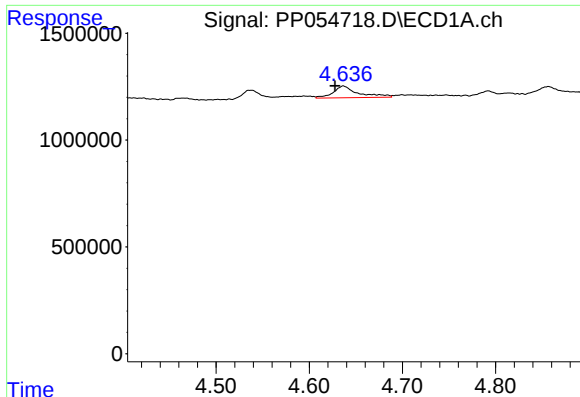
#8 AR-1221-1

R.T.: 4.537 min
Delta R.T.: -0.004 min
Response: 533466
Conc: 23.31 ng/ml



#8 AR-1221-1

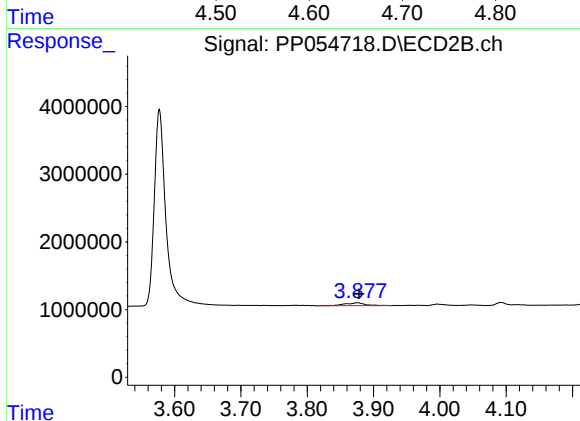
R.T.: 3.784 min
Delta R.T.: -0.009 min
Response: 109705
Conc: 5.54 ng/ml



#9 AR-1221-2

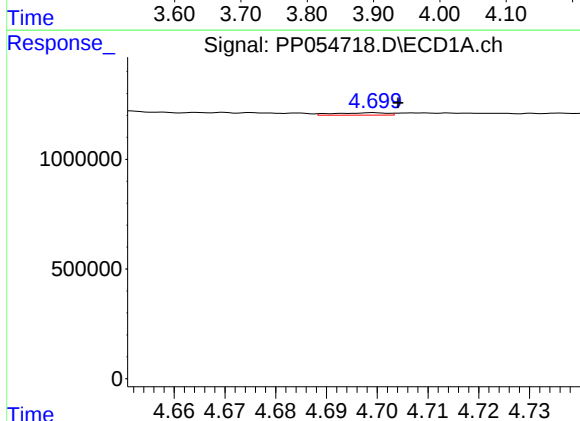
R.T.: 4.637 min
Delta R.T.: 0.009 min
Response: 1025631
Conc: 58.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



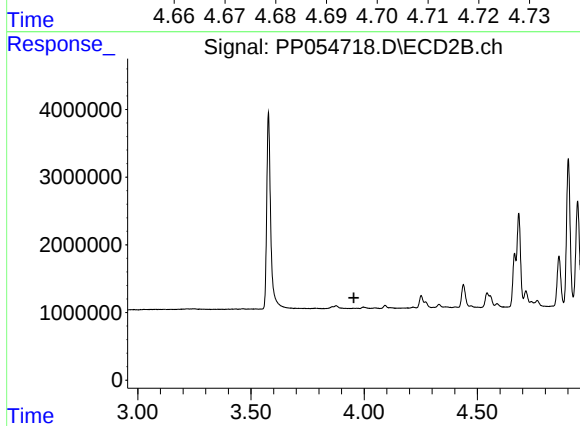
#9 AR-1221-2

R.T.: 3.876 min
Delta R.T.: -0.002 min
Response: 911685
Conc: 60.69 ng/ml



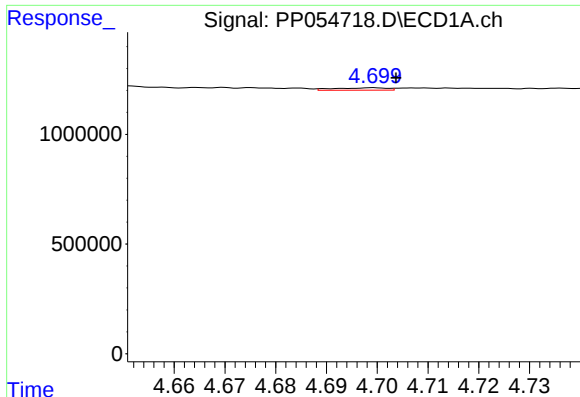
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 78181
Conc: 1.47 ng/ml



#10 AR-1221-3

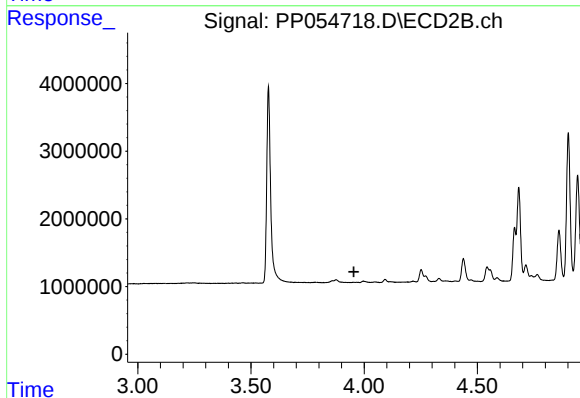
R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



#11 AR-1232-1

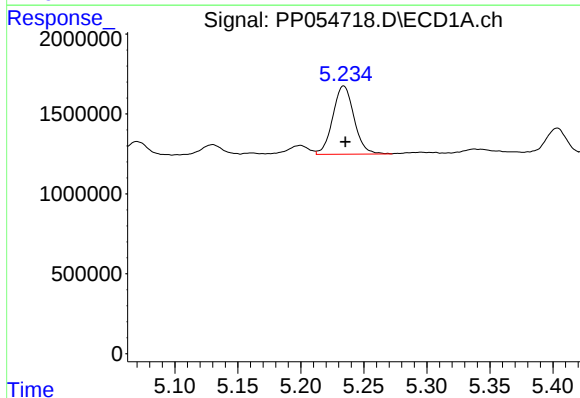
R.T.: 4.699 min
Delta R.T.: -0.004 min
Response: 78181
Conc: 1.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



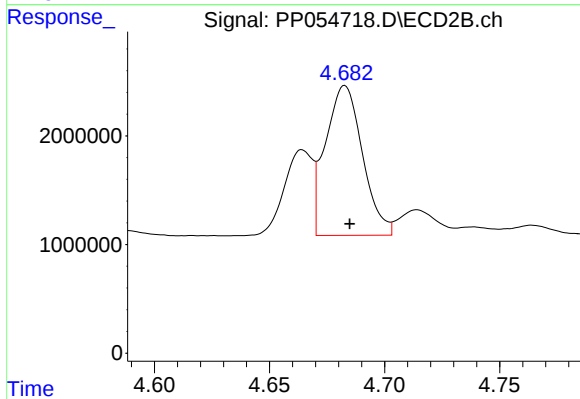
#11 AR-1232-1

R.T.: 0.000 min
Exp R.T. : 3.954 min
Response: 0
Conc: N.D.



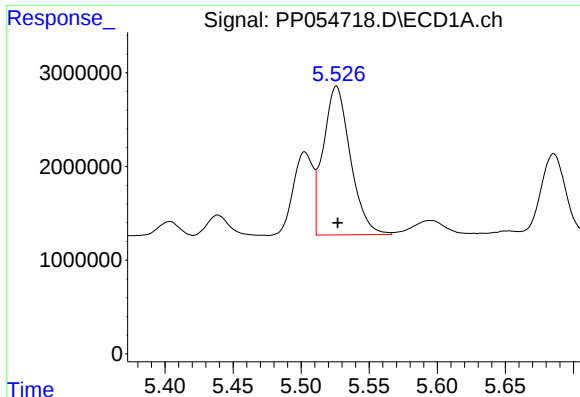
#12 AR-1232-2

R.T.: 5.234 min
Delta R.T.: -0.001 min
Response: 5011422
Conc: 207.88 ng/ml



#12 AR-1232-2

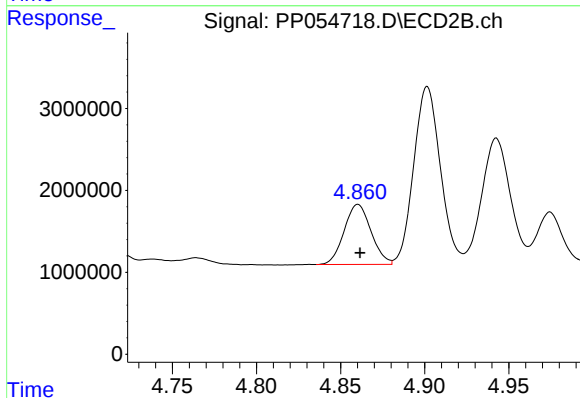
R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 15436248
Conc: 472.20 ng/ml



#13 AR-1232-3

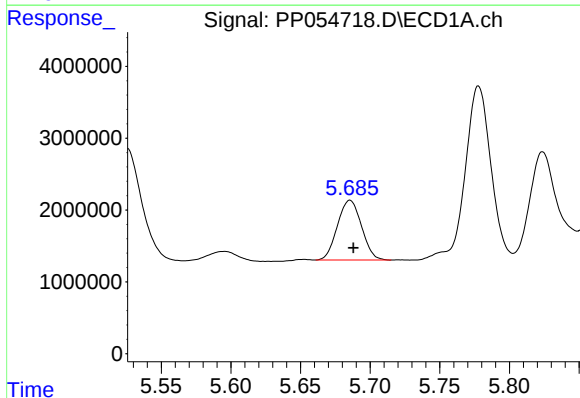
R.T.: 5.526 min
Delta R.T.: -0.001 min
Response: 22004117
Conc: 510.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



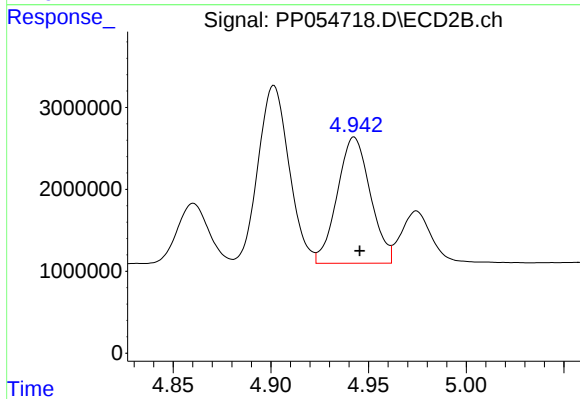
#13 AR-1232-3

R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 8181224
Conc: 475.74 ng/ml



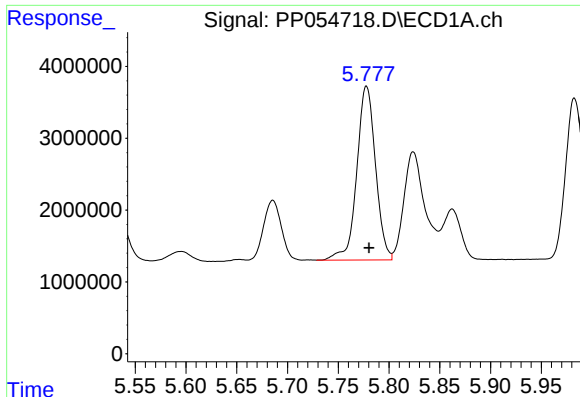
#14 AR-1232-4

R.T.: 5.686 min
Delta R.T.: -0.002 min
Response: 9978739
Conc: 464.93 ng/ml



#14 AR-1232-4

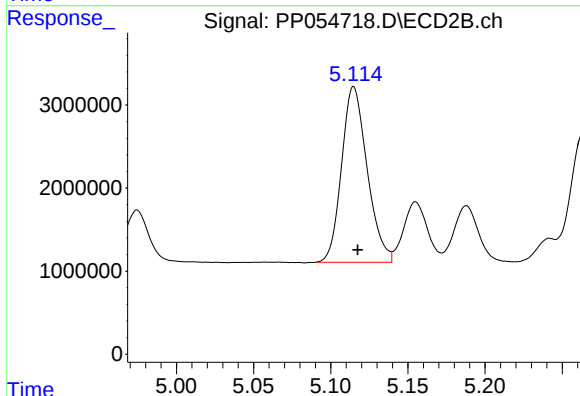
R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 18153292
Conc: 1047.91 ng/ml



#15 AR-1232-5

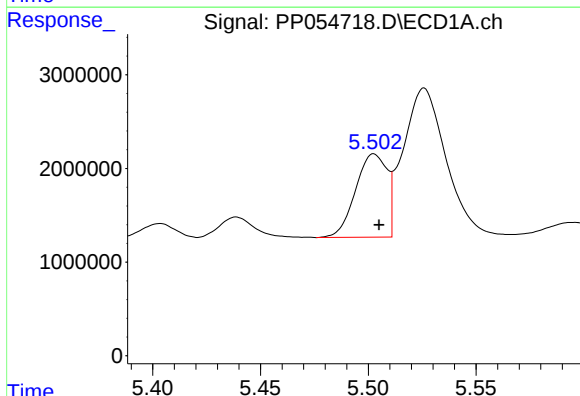
R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 31047672
Conc: 1804.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



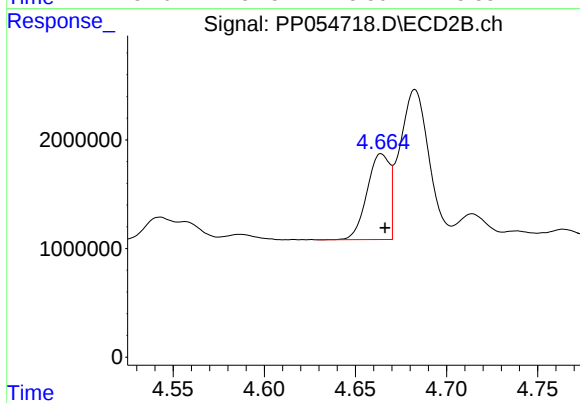
#15 AR-1232-5

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24380308
Conc: 1288.21 ng/ml



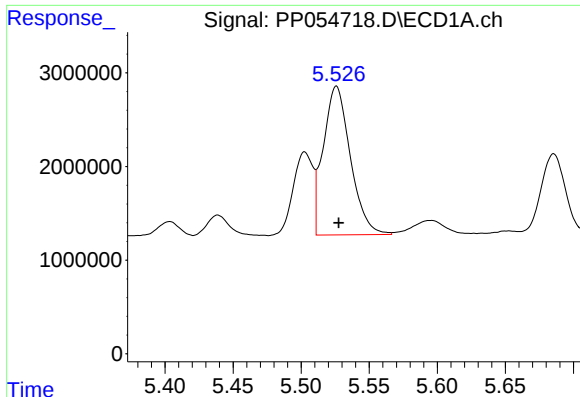
#16 AR-1242-1

R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 9033186
Conc: 167.06 ng/ml



#16 AR-1242-1

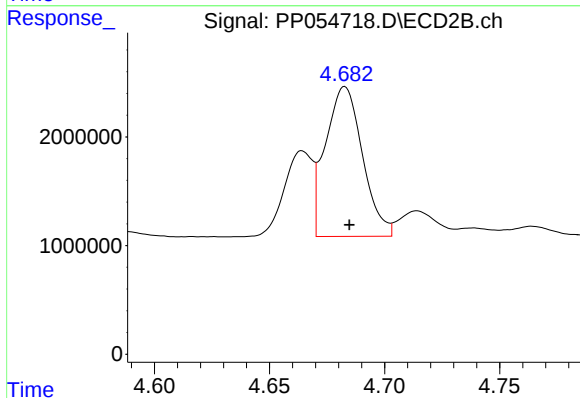
R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 6755748
Conc: 160.13 ng/ml



#17 AR-1242-2

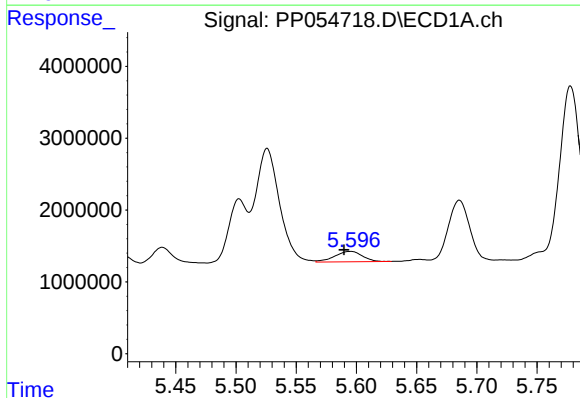
R.T.: 5.526 min
Delta R.T.: -0.002 min
Response: 22004117
Conc: 282.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



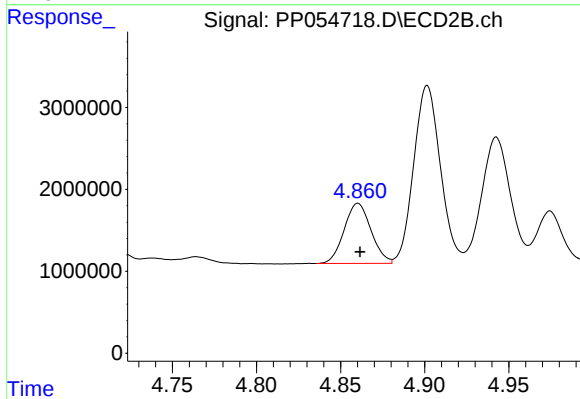
#17 AR-1242-2

R.T.: 4.683 min
Delta R.T.: -0.002 min
Response: 15436248
Conc: 262.90 ng/ml



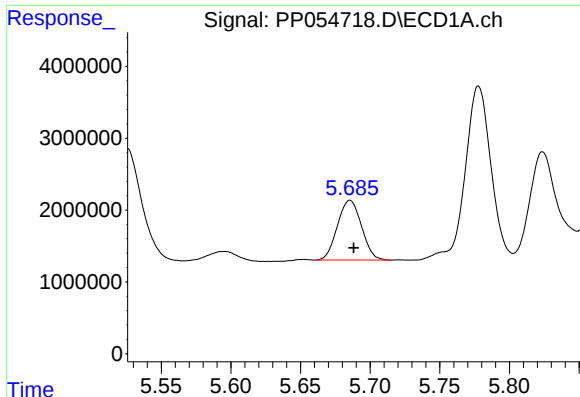
#18 AR-1242-3

R.T.: 5.595 min
Delta R.T.: 0.006 min
Response: 2342697
Conc: 47.69 ng/ml



#18 AR-1242-3

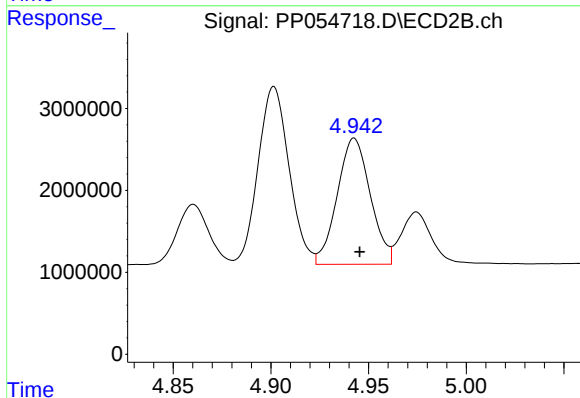
R.T.: 4.860 min
Delta R.T.: -0.001 min
Response: 8181224
Conc: 255.04 ng/ml



#19 AR-1242-4

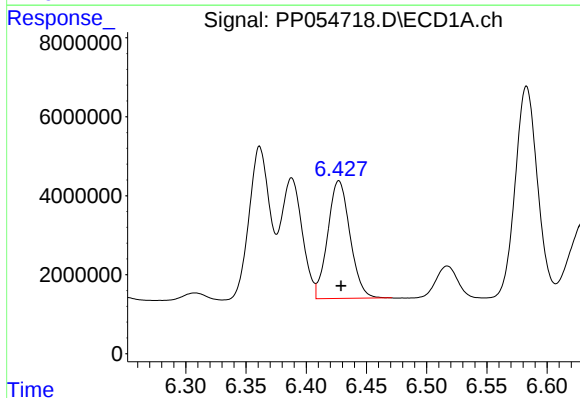
R.T.: 5.686 min
Delta R.T.: -0.003 min
Response: 9978739
Conc: 251.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



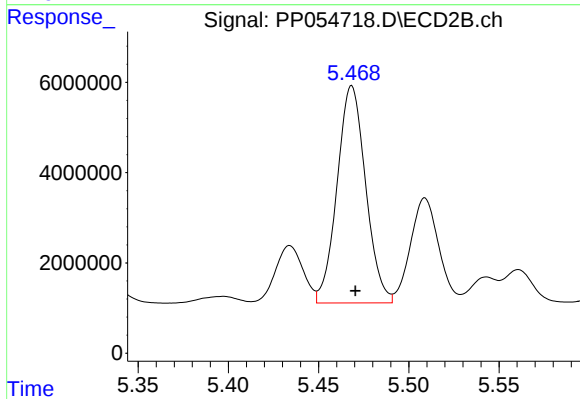
#19 AR-1242-4

R.T.: 4.943 min
Delta R.T.: -0.003 min
Response: 18153292
Conc: 517.38 ng/ml



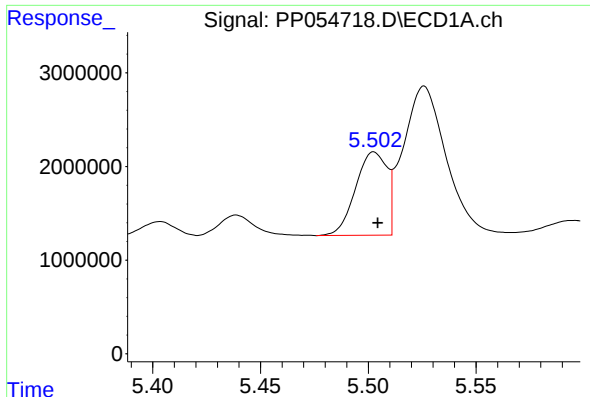
#20 AR-1242-5

R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 38474920
Conc: 1066.37 ng/ml



#20 AR-1242-5

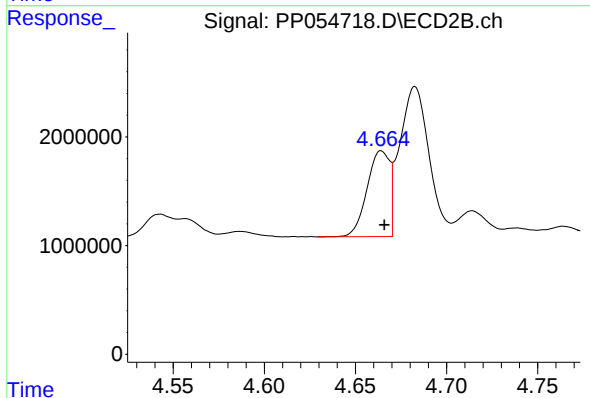
R.T.: 5.468 min
Delta R.T.: -0.002 min
Response: 53039614
Conc: 1395.39 ng/ml



#21 AR-1248-1

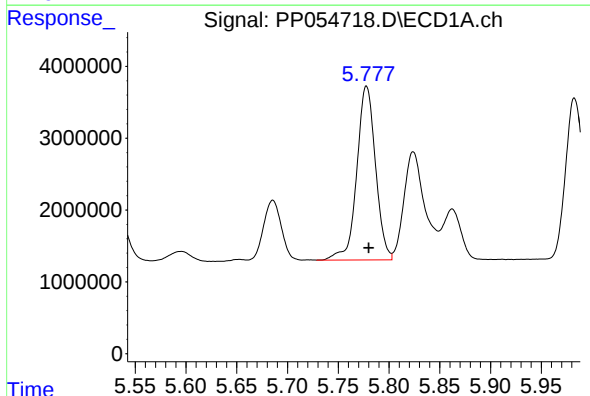
R.T.: 5.503 min
Delta R.T.: -0.002 min
Response: 9033186
Conc: 226.83 ng/ml

Instrument :
ECD_P
ClientSampleId :



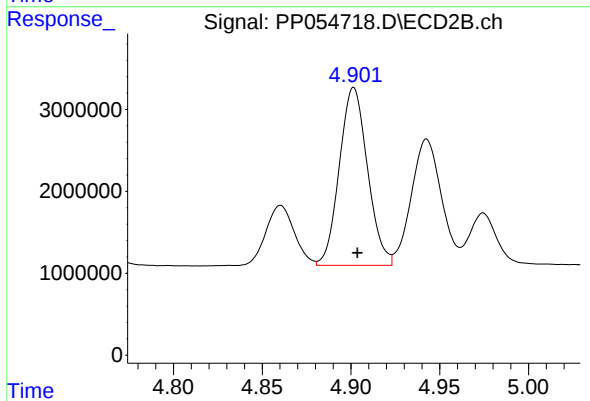
#21 AR-1248-1

R.T.: 4.664 min
Delta R.T.: -0.002 min
Response: 6755748
Conc: 215.91 ng/ml



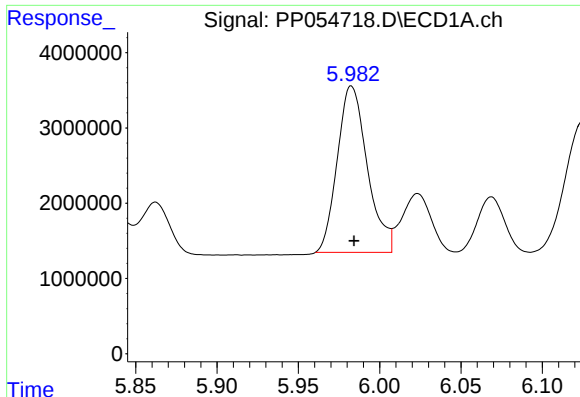
#22 AR-1248-2

R.T.: 5.778 min
Delta R.T.: -0.002 min
Response: 31047672
Conc: 523.08 ng/ml



#22 AR-1248-2

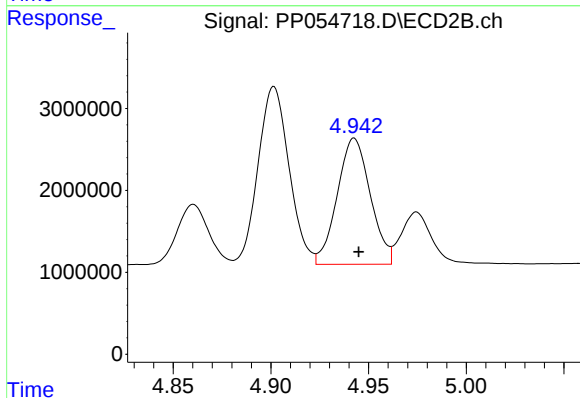
R.T.: 4.902 min
Delta R.T.: -0.002 min
Response: 23980557
Conc: 499.48 ng/ml



#23 AR-1248-3

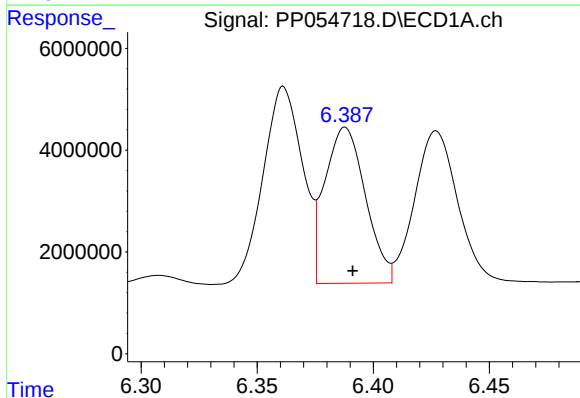
R.T.: 5.983 min
Delta R.T.: -0.002 min
Response: 28418086
Conc: 430.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



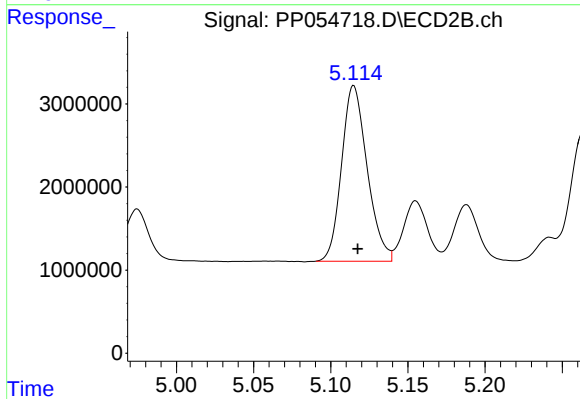
#23 AR-1248-3

R.T.: 4.943 min
Delta R.T.: -0.002 min
Response: 18153292
Conc: 357.22 ng/ml



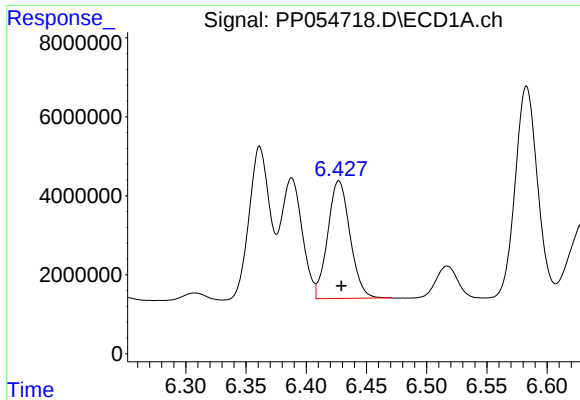
#24 AR-1248-4

R.T.: 6.388 min
Delta R.T.: -0.003 min
Response: 37399231
Conc: 559.72 ng/ml



#24 AR-1248-4

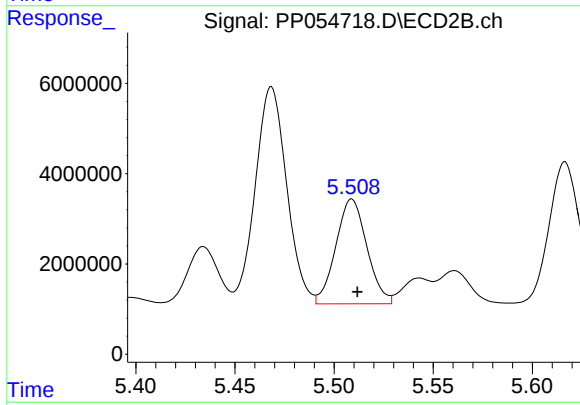
R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 24380308
Conc: 410.09 ng/ml



#25 AR-1248-5

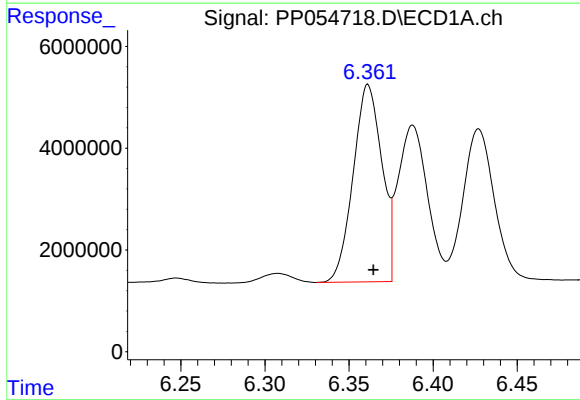
R.T.: 6.427 min
Delta R.T.: -0.002 min
Response: 38474920
Conc: 591.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



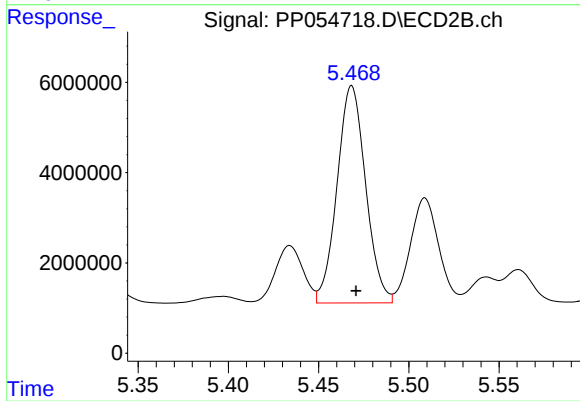
#25 AR-1248-5

R.T.: 5.509 min
Delta R.T.: -0.003 min
Response: 25352082
Conc: 498.97 ng/ml



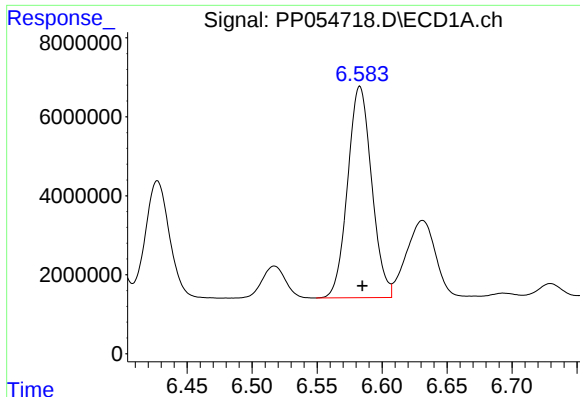
#26 AR-1254-1

R.T.: 6.361 min
Delta R.T.: -0.003 min
Response: 45919006
Conc: 649.68 ng/ml



#26 AR-1254-1

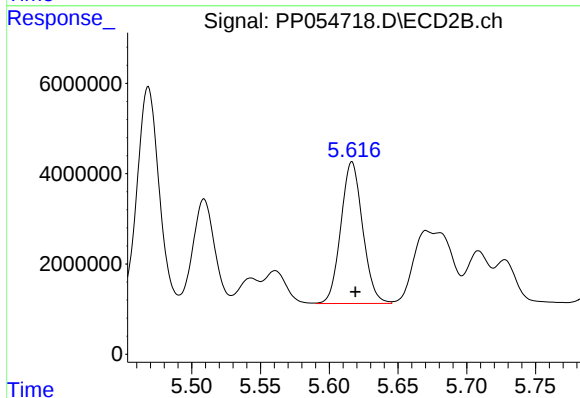
R.T.: 5.468 min
Delta R.T.: -0.002 min
Response: 53039614
Conc: 623.84 ng/ml



#27 AR-1254-2

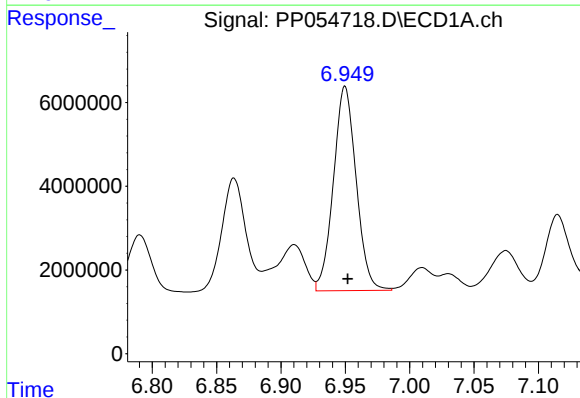
R.T.: 6.583 min
Delta R.T.: -0.002 min
Response: 68939227
Conc: 720.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



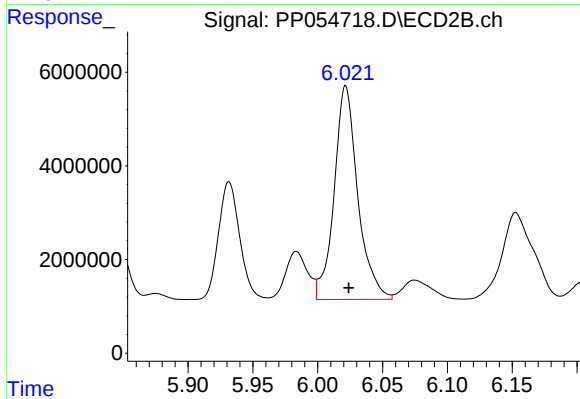
#27 AR-1254-2

R.T.: 5.617 min
Delta R.T.: -0.002 min
Response: 34678050
Conc: 476.56 ng/ml



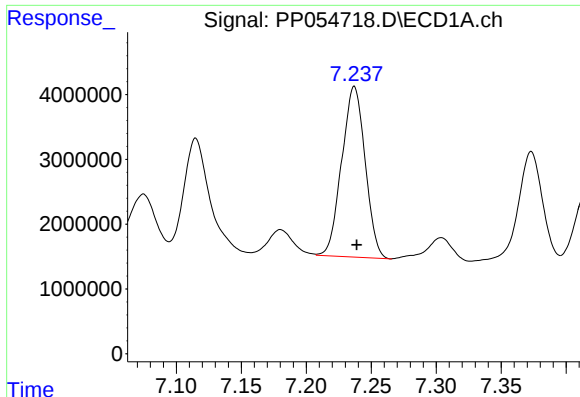
#28 AR-1254-3

R.T.: 6.950 min
Delta R.T.: -0.002 min
Response: 59936268
Conc: 690.82 ng/ml



#28 AR-1254-3

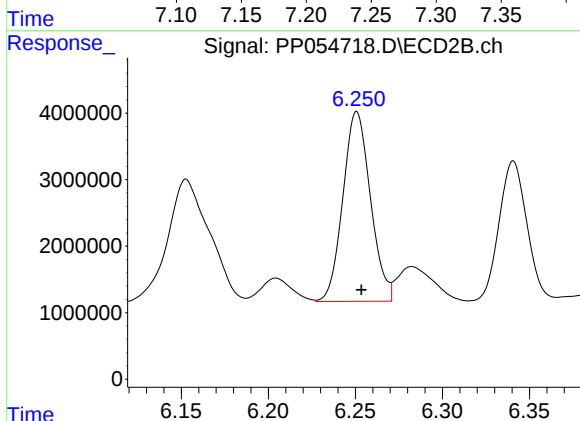
R.T.: 6.022 min
Delta R.T.: -0.002 min
Response: 57885454
Conc: 511.47 ng/ml



#29 AR-1254-4

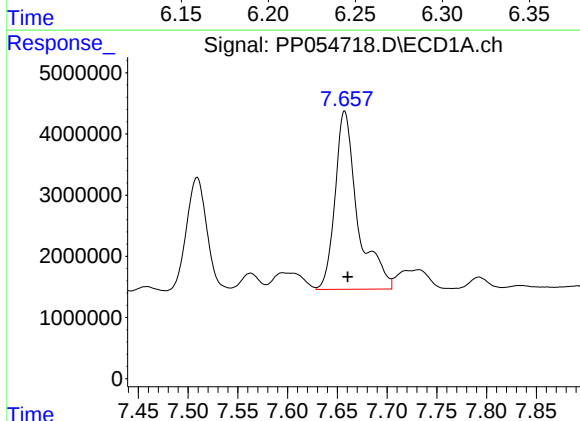
R.T.: 7.237 min
Delta R.T.: -0.002 min
Response: 33071072
Conc: 527.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



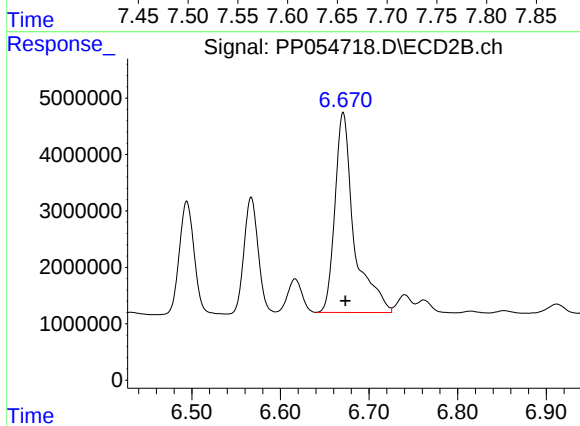
#29 AR-1254-4

R.T.: 6.251 min
Delta R.T.: -0.003 min
Response: 31438501
Conc: 505.11 ng/ml



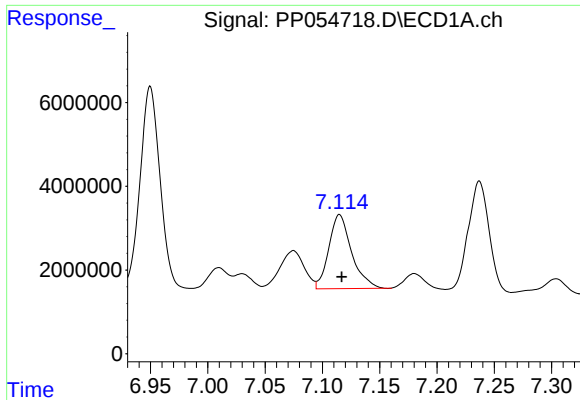
#30 AR-1254-5

R.T.: 7.657 min
Delta R.T.: -0.003 min
Response: 46078578
Conc: 658.46 ng/ml



#30 AR-1254-5

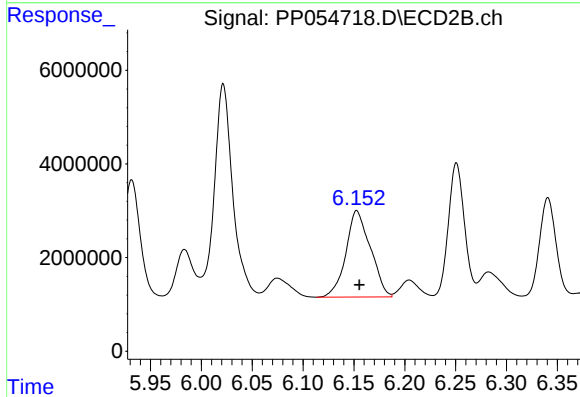
R.T.: 6.671 min
Delta R.T.: -0.003 min
Response: 53293249
Conc: 562.35 ng/ml



#31 AR-1260-1

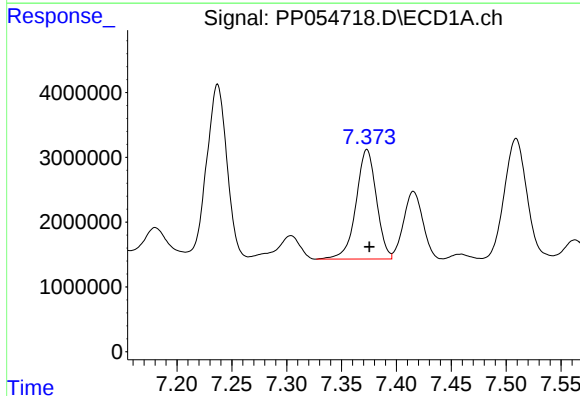
R.T.: 7.115 min
Delta R.T.: -0.002 min
Response: 24525499
Conc: 357.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



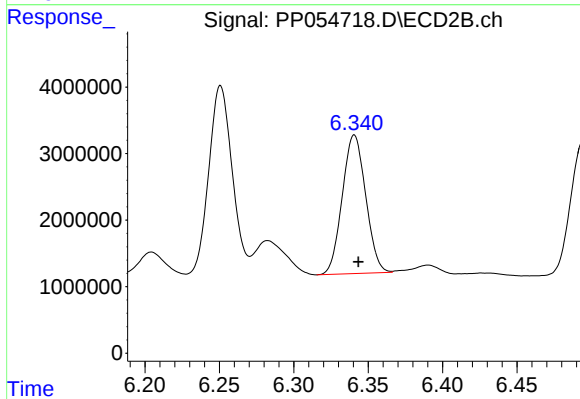
#31 AR-1260-1

R.T.: 6.153 min
Delta R.T.: -0.003 min
Response: 30969280
Conc: 373.03 ng/ml



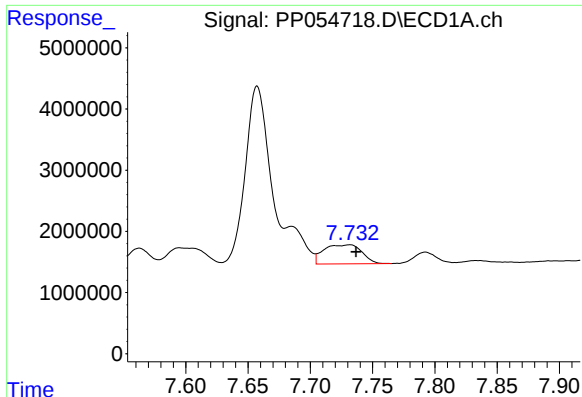
#32 AR-1260-2

R.T.: 7.373 min
Delta R.T.: -0.002 min
Response: 21831373
Conc: 272.99 ng/ml



#32 AR-1260-2

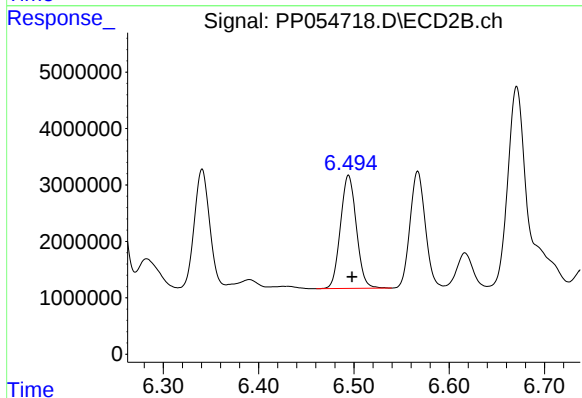
R.T.: 6.341 min
Delta R.T.: -0.003 min
Response: 22861111
Conc: 248.37 ng/ml



#33 AR-1260-3

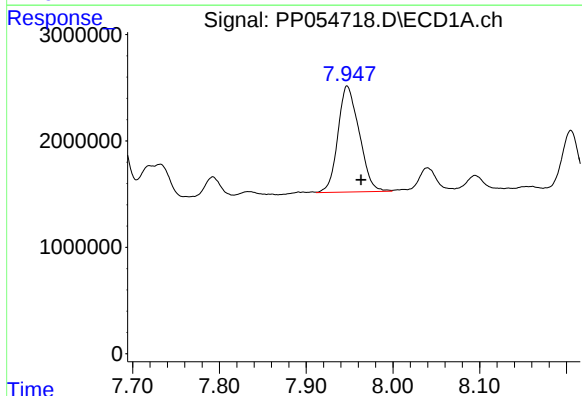
R.T.: 7.732 min
Delta R.T.: -0.005 min
Response: 6620780
Conc: 109.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



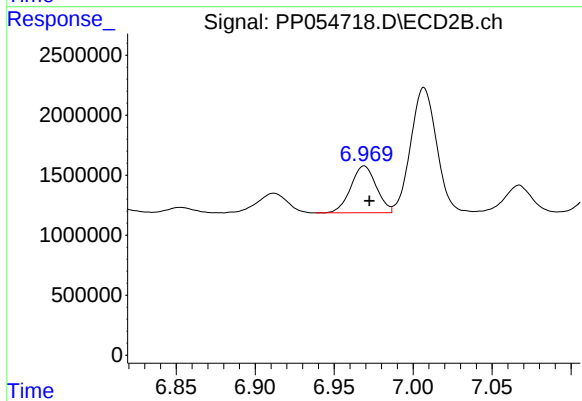
#33 AR-1260-3

R.T.: 6.494 min
Delta R.T.: -0.004 min
Response: 23256026
Conc: 258.75 ng/ml



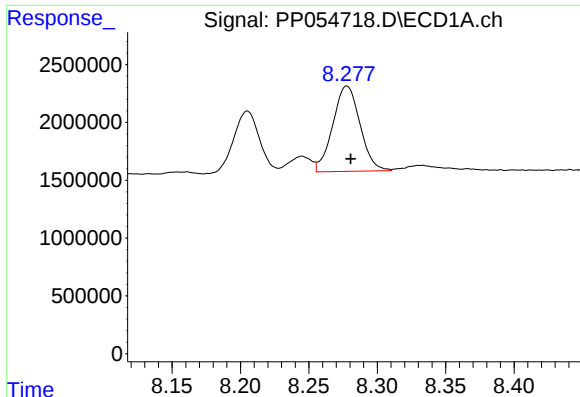
#34 AR-1260-4

R.T.: 7.947 min
Delta R.T.: -0.016 min
Response: 16981062
Conc: 242.69 ng/ml



#34 AR-1260-4

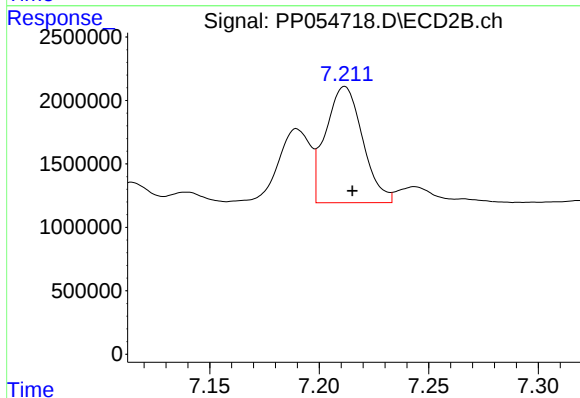
R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 4402532
Conc: 58.49 ng/ml



#35 AR-1260-5

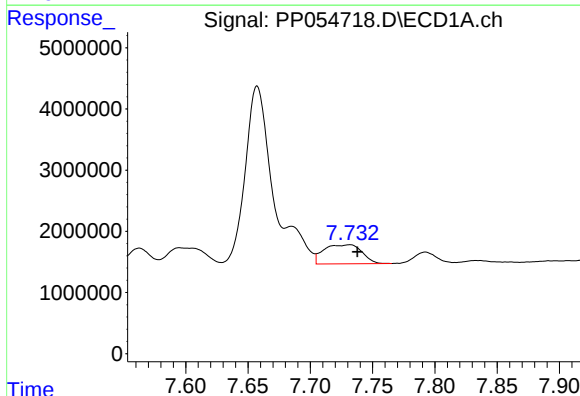
R.T.: 8.278 min
Delta R.T.: -0.003 min
Response: 10240488
Conc: 78.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



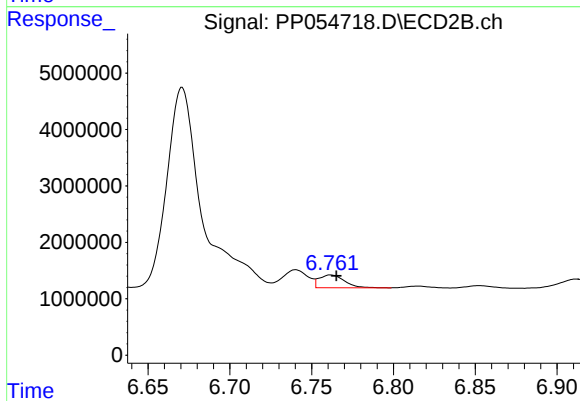
#35 AR-1260-5

R.T.: 7.212 min
Delta R.T.: -0.003 min
Response: 10757583
Conc: 67.70 ng/ml



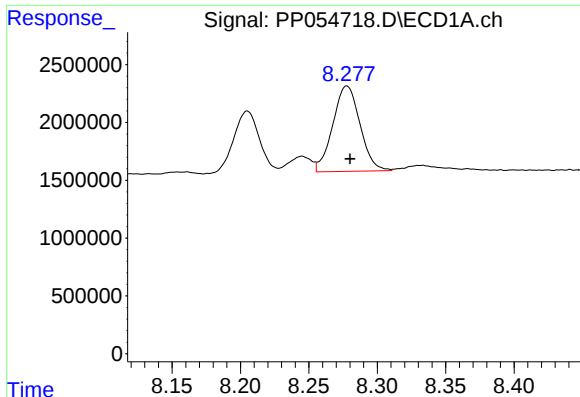
#36 AR-1262-1

R.T.: 7.732 min
Delta R.T.: -0.006 min
Response: 6620780
Conc: 80.88 ng/ml



#36 AR-1262-1

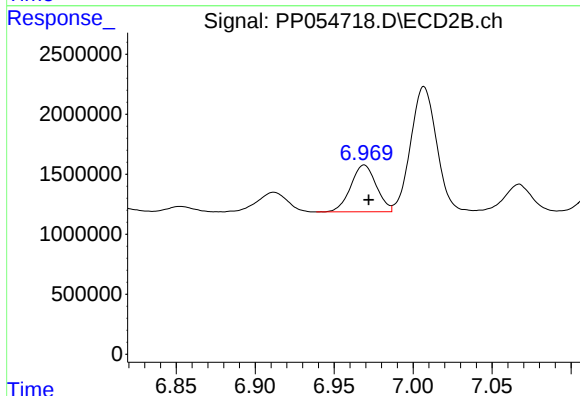
R.T.: 6.762 min
Delta R.T.: -0.004 min
Response: 2448868
Conc: 57.73 ng/ml



#37 AR-1262-2

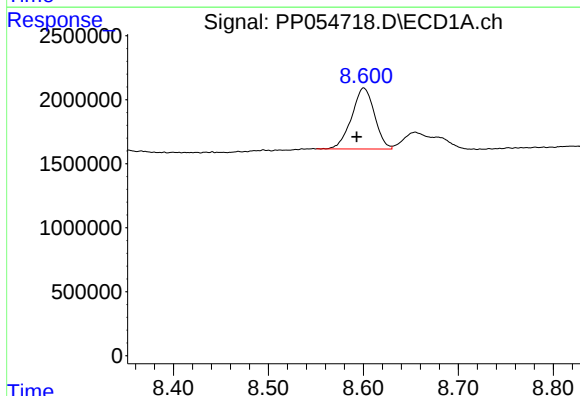
R.T.: 8.278 min
Delta R.T.: -0.002 min
Response: 10240488
Conc: 72.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



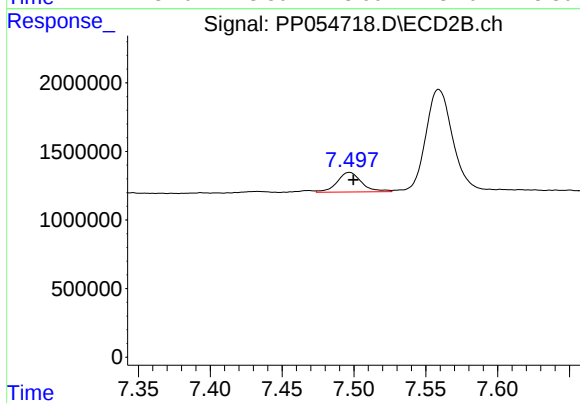
#37 AR-1262-2

R.T.: 6.969 min
Delta R.T.: -0.003 min
Response: 4402532
Conc: 47.88 ng/ml



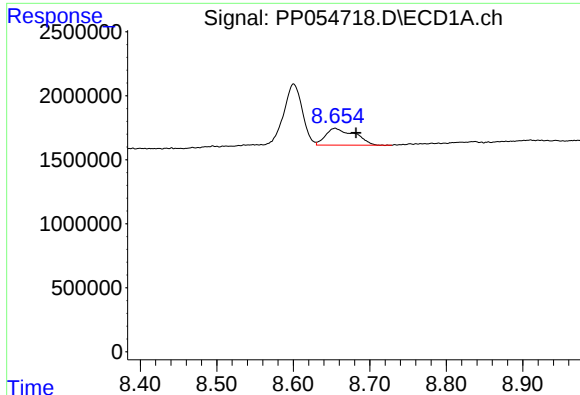
#38 AR-1262-3

R.T.: 8.600 min
Delta R.T.: 0.007 min
Response: 7987935
Conc: 77.48 ng/ml



#38 AR-1262-3

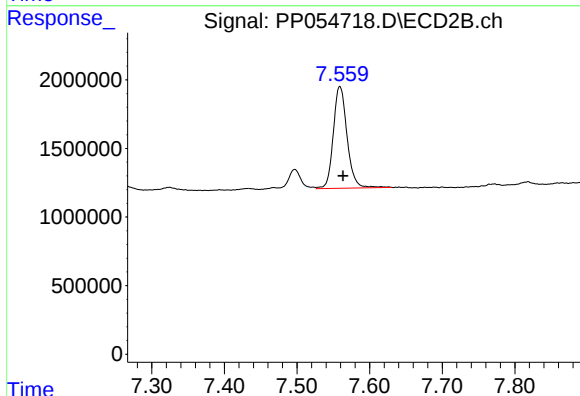
R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 1691578
Conc: 23.55 ng/ml



#39 AR-1262-4

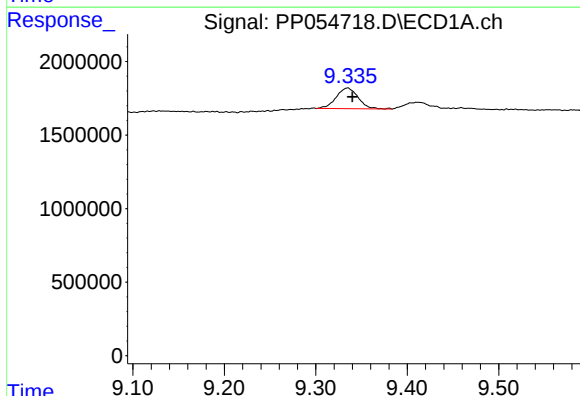
R.T.: 8.655 min
Delta R.T.: -0.027 min
Response: 3472785
Conc: 69.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



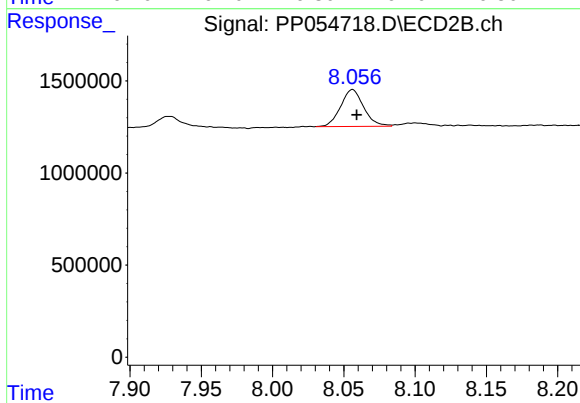
#39 AR-1262-4

R.T.: 7.559 min
Delta R.T.: -0.004 min
Response: 9769685
Conc: 75.55 ng/ml



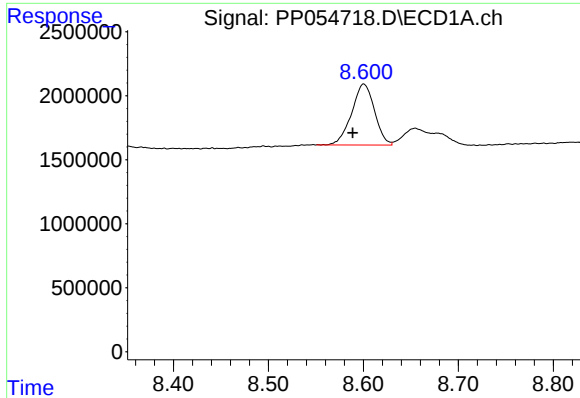
#40 AR-1262-5

R.T.: 9.335 min
Delta R.T.: -0.005 min
Response: 2360724
Conc: 41.45 ng/ml



#40 AR-1262-5

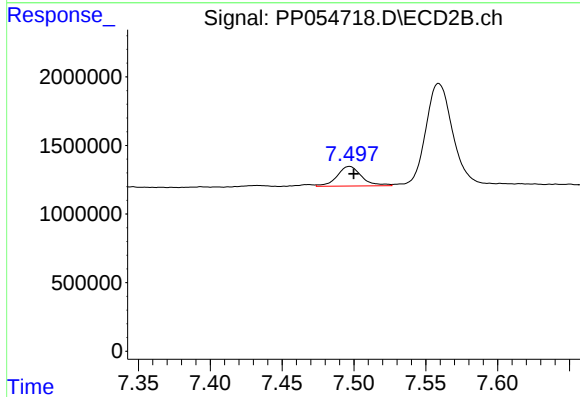
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 2254213
Conc: 37.84 ng/ml



#41 AR-1268-1

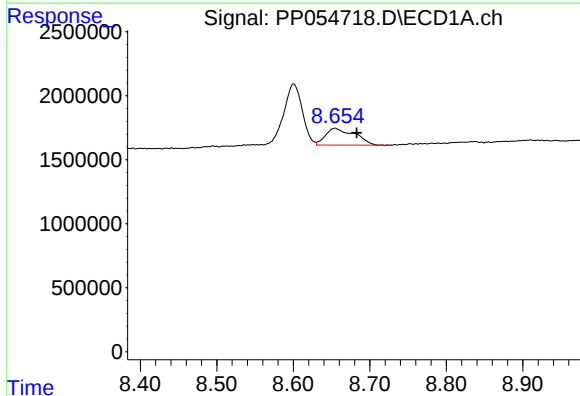
R.T.: 8.600 min
Delta R.T.: 0.012 min
Response: 7987935
Conc: 43.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



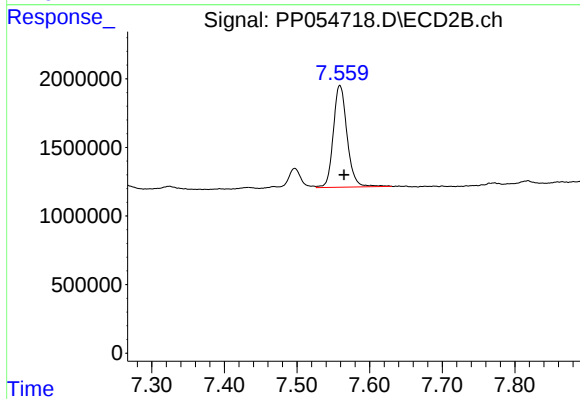
#41 AR-1268-1

R.T.: 7.497 min
Delta R.T.: -0.003 min
Response: 1691578
Conc: 7.82 ng/ml



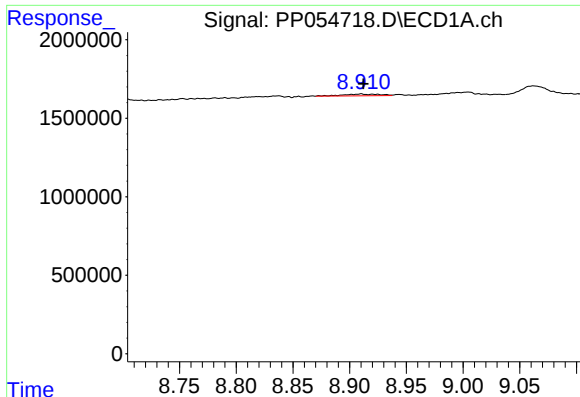
#42 AR-1268-2

R.T.: 8.655 min
Delta R.T.: -0.028 min
Response: 3472785
Conc: 20.49 ng/ml



#42 AR-1268-2

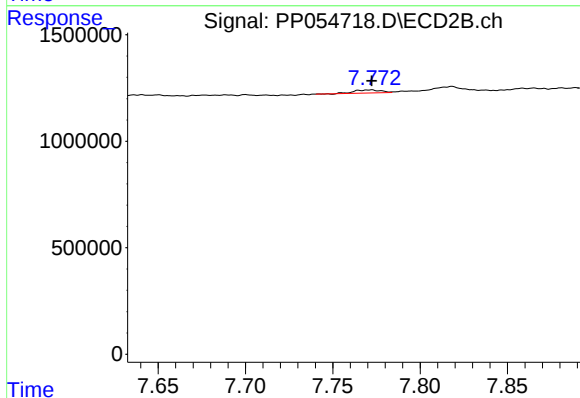
R.T.: 7.559 min
Delta R.T.: -0.006 min
Response: 9769685
Conc: 49.88 ng/ml



#43 AR-1268-3

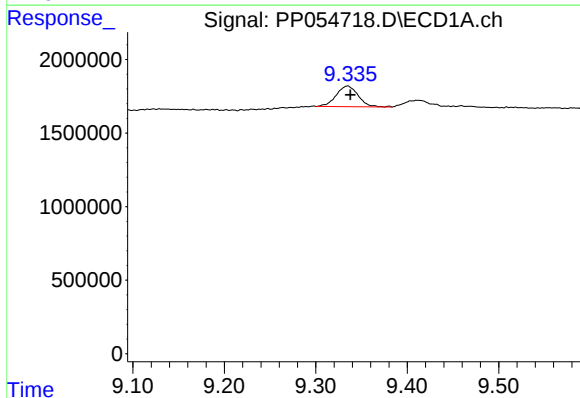
R.T.: 8.910 min
Delta R.T.: -0.002 min
Response: 232716
Conc: 1.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



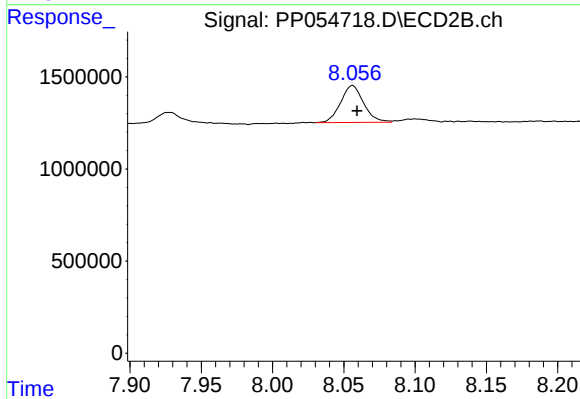
#43 AR-1268-3

R.T.: 7.772 min
Delta R.T.: 0.000 min
Response: 150387
Conc: 0.85 ng/ml



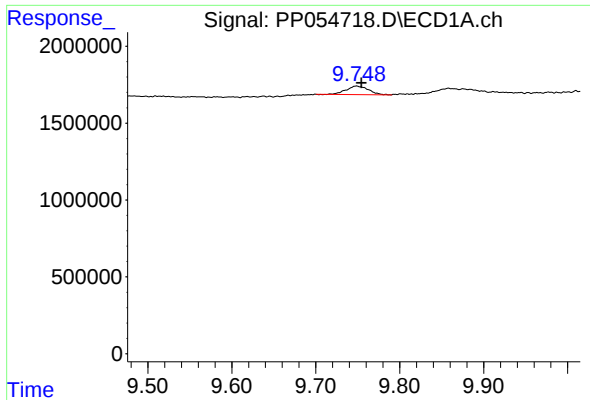
#44 AR-1268-4

R.T.: 9.335 min
Delta R.T.: -0.003 min
Response: 2360724
Conc: 36.57 ng/ml



#44 AR-1268-4

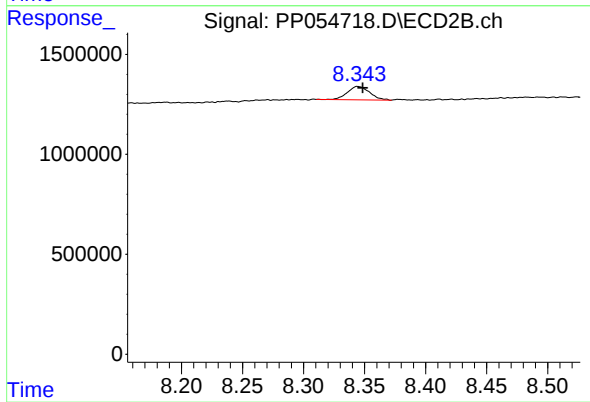
R.T.: 8.056 min
Delta R.T.: -0.003 min
Response: 2254213
Conc: 33.33 ng/ml



#45 AR-1268-5

R.T.: 9.749 min
Delta R.T.: -0.006 min
Response: 1016652
Conc: 2.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.345 min
Delta R.T.: -0.004 min
Response: 847021
Conc: 1.65 ng/ml