

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081723\
 Data File : PP059405.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Aug 2023 23:52
 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: Aug 18 01:27:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Aug 09 02:30:13 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...	4.413	3.643	55555147	102.4E6	45.276	50.563
2)	SA Decachlor...	10.203	8.676	38984261	65359866	51.078	46.460
Target Compounds							
3)	L1 AR-1016-1	5.590	4.735	18455816	33251763	469.754	518.442
4)	L1 AR-1016-2	5.612	4.754	26133764	46989377	461.013	517.279
5)	L1 AR-1016-3	5.675	4.930	16759197	25287099	467.165	526.293
6)	L1 AR-1016-4	5.774	4.972	13719805	20349165	473.634	492.819
7)	L1 AR-1016-5	6.071	5.186	14062051	22289689	464.651	428.382
8)	L2 AR-1221-1	4.619	3.857	2269790	4762710	144.076	175.448
9)	L2 AR-1221-2	4.711	3.944	3104285	6444504	262.876	323.685
10)	L2 AR-1221-3	4.787	4.020	11249103	20553078	319.458	345.235
11)	L3 AR-1232-1	4.787	4.020	11249103	20553078	382.668	433.167
12)	L3 AR-1232-2	5.320	4.754	14859274	46989377	953.309	1107.756
13)	L3 AR-1232-3	5.612	4.930	26133764	25287099	989.703	1139.686
14)	L3 AR-1232-4	5.774	5.015	13719805	24983549	1036.668	1183.253
15)	L3 AR-1232-5	5.866	5.186	12372118	22289689	1083.890	972.384
16)	L4 AR-1242-1	5.590	4.735	18455816	33251763	539.151	594.157
17)	L4 AR-1242-2	5.612	4.754	26133764	46989377	532.581	589.307
18)	L4 AR-1242-3	5.675	4.930	16759197	25287099	533.420	593.326
19)	L4 AR-1242-4	5.774	5.015	13719805	24983549	535.004	572.151
20)	L4 AR-1242-5	6.515	5.540	3815192	23494977	147.680	472.995 #
21)	L5 AR-1248-1	5.590	4.735	18455816	33251763	727.168	808.300
22)	L5 AR-1248-2	5.866	4.972	12372118	20349165	319.649	337.928
23)	L5 AR-1248-3	6.071	5.015	14062051	24983549	332.862	405.512
24)	L5 AR-1248-4	6.476	5.186	4567177	22289689	109.697	309.596 #
25)	L5 AR-1248-5	6.515	5.582	3815192	5690673	93.529	86.242
26)	L6 AR-1254-1	6.450	5.540	12452904	23494977	266.573	231.900
27)	L6 AR-1254-2	6.669	5.690	10933789	16851361	158.903	190.889
28)	L6 AR-1254-3	7.038	6.109	5226515	30856920	75.724	223.204 #
29)	L6 AR-1254-4	7.324	6.325	2922485	2288738	64.921	28.474 #
30)	L6 AR-1254-5	7.744	6.742	28447367	53735886	605.430	449.346 #
31)	L7 AR-1260-1	7.203	6.224	25687226	45414666	469.523	458.555
32)	L7 AR-1260-2	7.461	6.415	27840934	53261770	467.610	460.307
33)	L7 AR-1260-3	7.821	6.567	19265511	49117906	489.532	441.574
34)	L7 AR-1260-4	8.047	7.041	19664992	38734342	442.768	446.788
35)	L7 AR-1260-5	8.368	7.285	39165243	83883807	489.751	455.089
36)	L8 AR-1262-1	7.821	6.835	19265511	21221461	302.481	368.846
37)	L8 AR-1262-2	8.368	7.041	39165243	38734342	426.470	328.263
38)	L8 AR-1262-3	8.694	7.570	25634064	18275857	398.335	214.759 #
39)	L8 AR-1262-4	8.755f	7.632	16839156	57504784	507.100	380.672
40)	L8 AR-1262-5	9.437	8.131	11182438	20191975	374.729	316.609
41)	L9 AR-1268-1	8.694	7.570	25634064	18275857	225.716	74.947 #

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 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

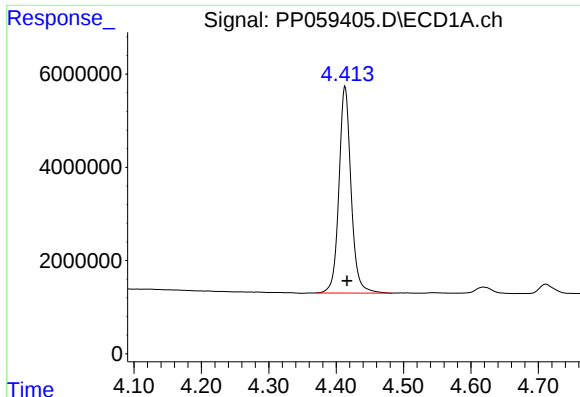
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 18 01:27:54 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP080823.M
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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	8.755f	7.632	16839156	57504784	171.101	262.554 #
43) L9	AR-1268-3	9.006	7.840	527715	907057	5.692	4.639
44) L9	AR-1268-4	9.437	8.131	11182438	20191975	350.539	290.156
45) L9	AR-1268-5	9.859	8.421	3194921	4773012	11.769	9.207

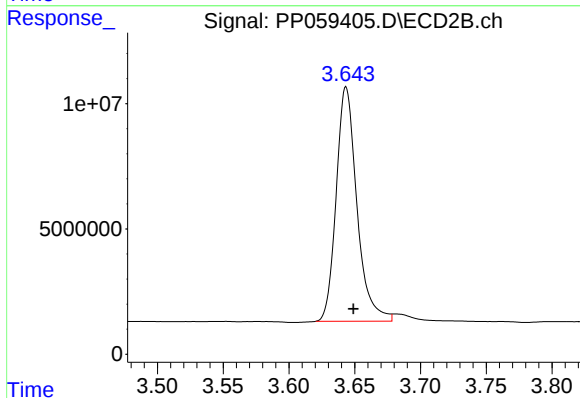
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

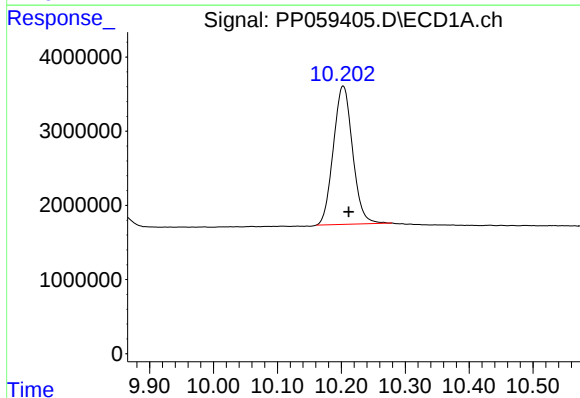
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 55555147
Conc: 45.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



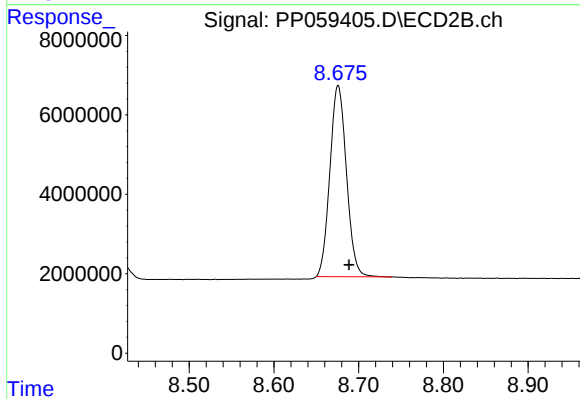
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.005 min
Response: 102447681
Conc: 50.56 ng/ml



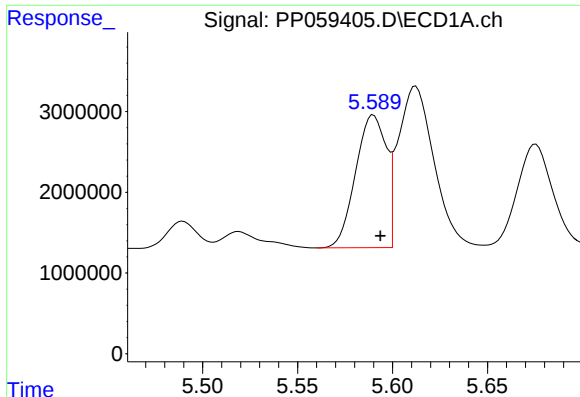
#2 Decachlorobiphenyl

R.T.: 10.203 min
Delta R.T.: -0.008 min
Response: 38984261
Conc: 51.08 ng/ml



#2 Decachlorobiphenyl

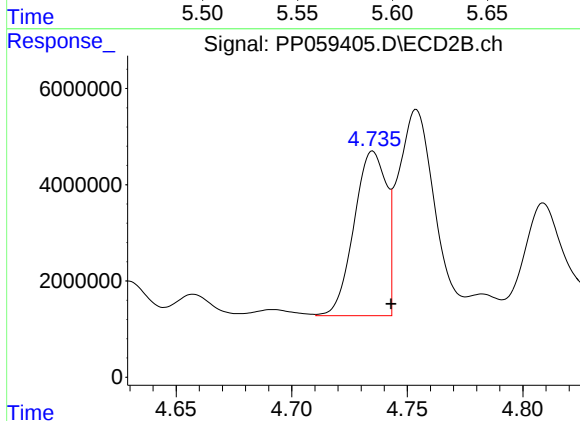
R.T.: 8.676 min
Delta R.T.: -0.013 min
Response: 65359866
Conc: 46.46 ng/ml



#3 AR-1016-1

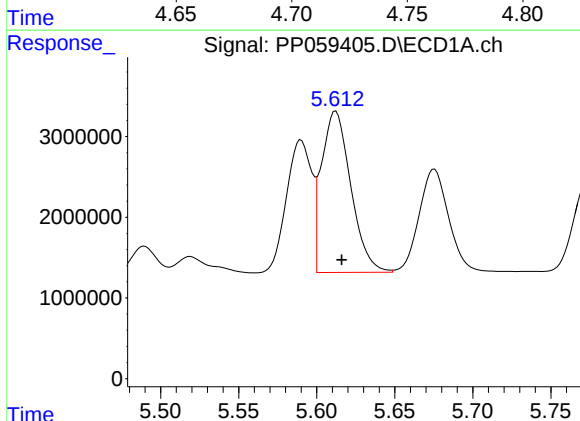
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 18455816
Conc: 469.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



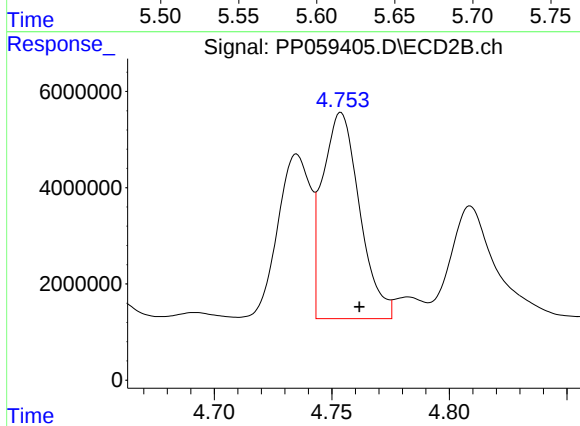
#3 AR-1016-1

R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 33251763
Conc: 518.44 ng/ml



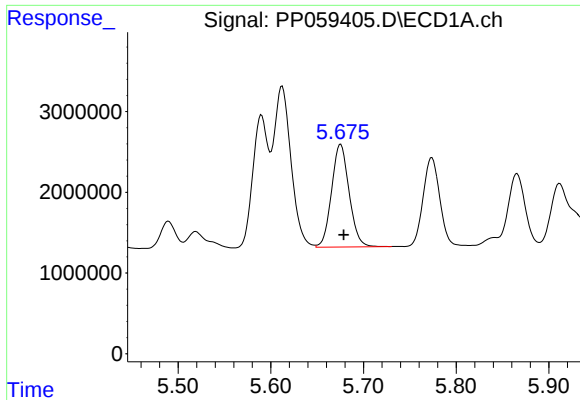
#4 AR-1016-2

R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 26133764
Conc: 461.01 ng/ml



#4 AR-1016-2

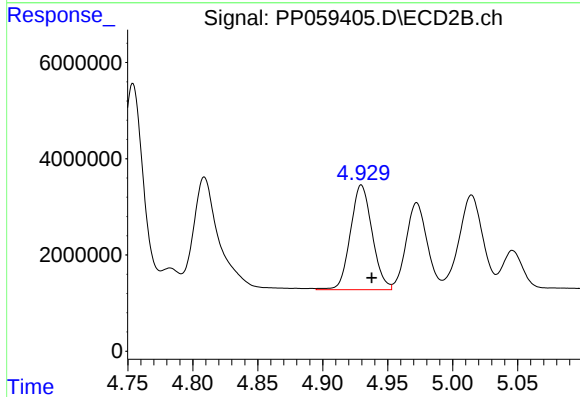
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 46989377
Conc: 517.28 ng/ml



#5 AR-1016-3

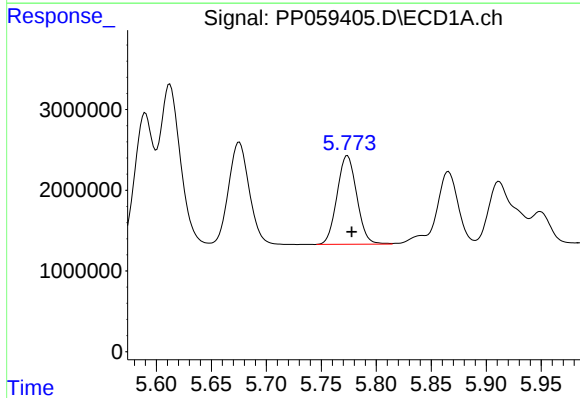
R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 16759197
Conc: 467.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



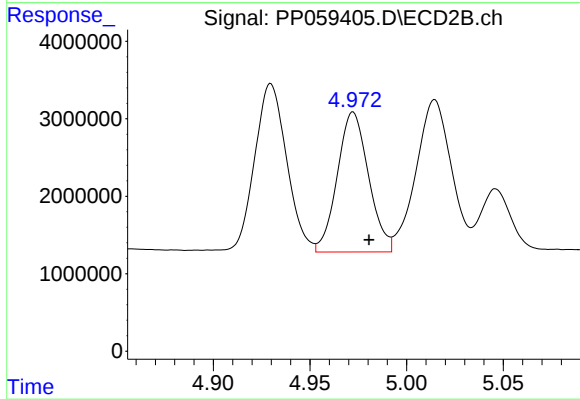
#5 AR-1016-3

R.T.: 4.930 min
Delta R.T.: -0.008 min
Response: 25287099
Conc: 526.29 ng/ml



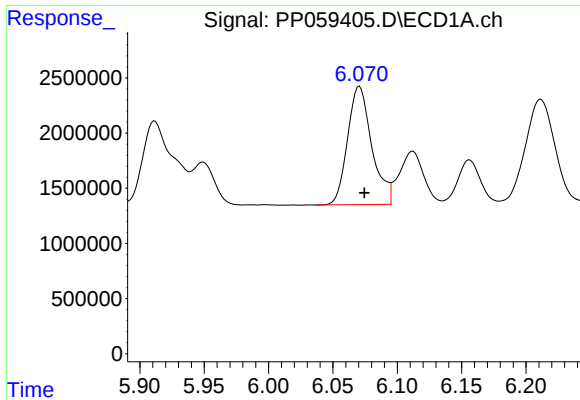
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 13719805
Conc: 473.63 ng/ml



#6 AR-1016-4

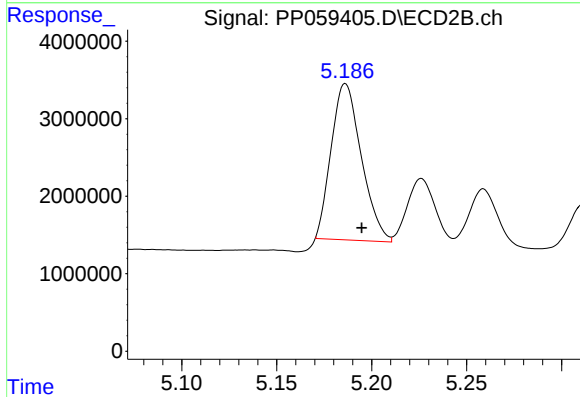
R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 20349165
Conc: 492.82 ng/ml



#7 AR-1016-5

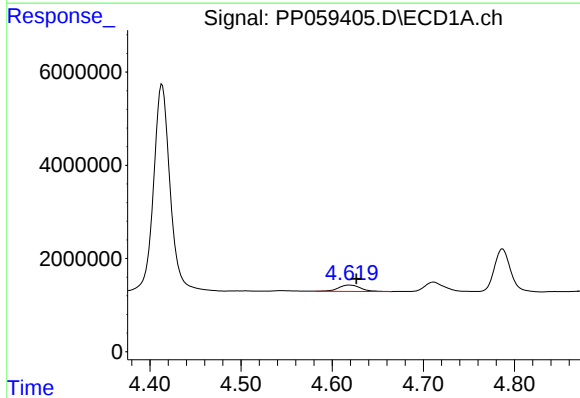
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 14062051
Conc: 464.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



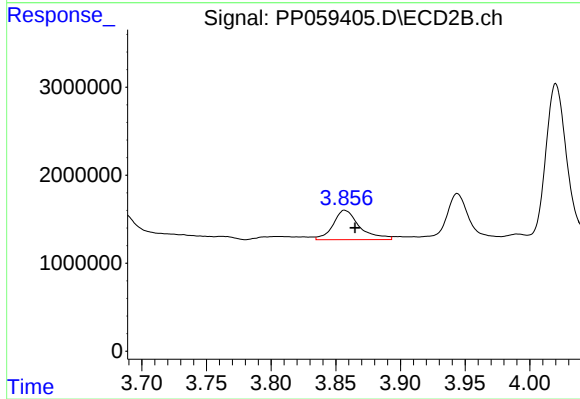
#7 AR-1016-5

R.T.: 5.186 min
Delta R.T.: -0.009 min
Response: 22289689
Conc: 428.38 ng/ml



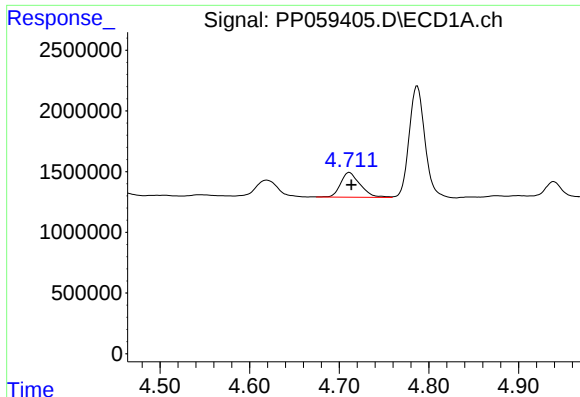
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: -0.007 min
Response: 2269790
Conc: 144.08 ng/ml



#8 AR-1221-1

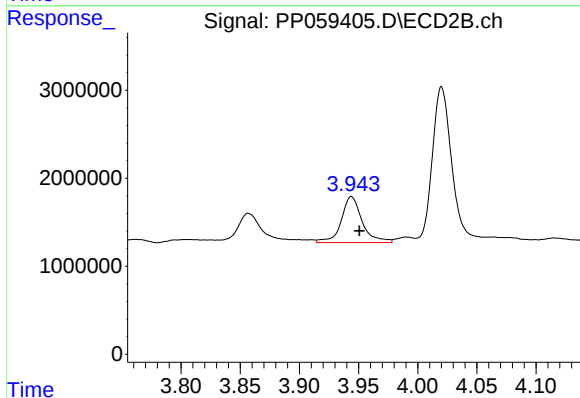
R.T.: 3.857 min
Delta R.T.: -0.008 min
Response: 4762710
Conc: 175.45 ng/ml



#9 AR-1221-2

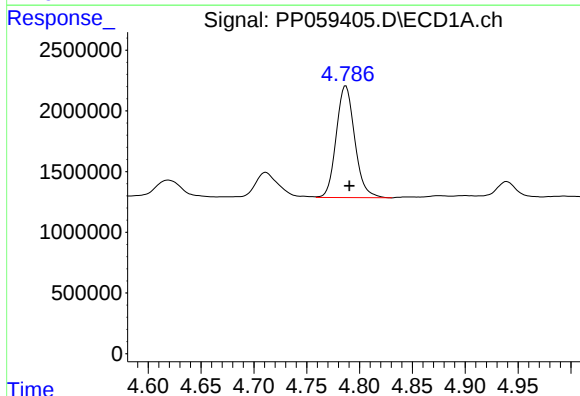
R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 3104285
Conc: 262.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



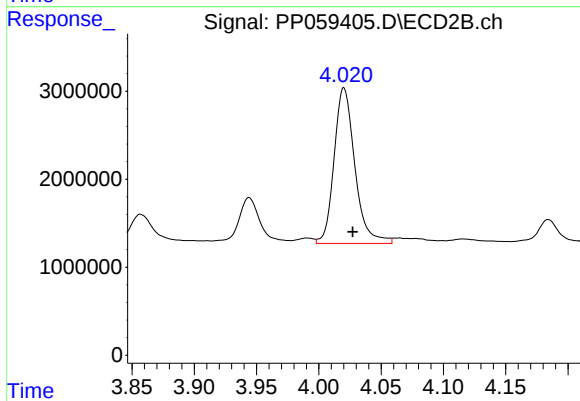
#9 AR-1221-2

R.T.: 3.944 min
Delta R.T.: -0.007 min
Response: 6444504
Conc: 323.68 ng/ml



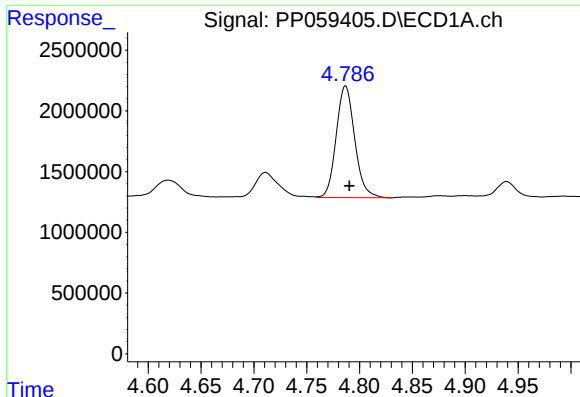
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 11249103
Conc: 319.46 ng/ml



#10 AR-1221-3

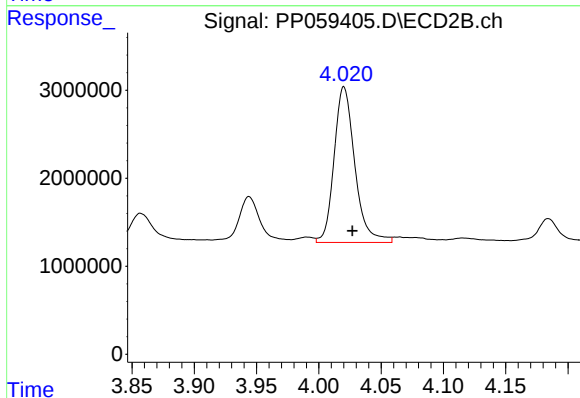
R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 20553078
Conc: 345.23 ng/ml



#11 AR-1232-1

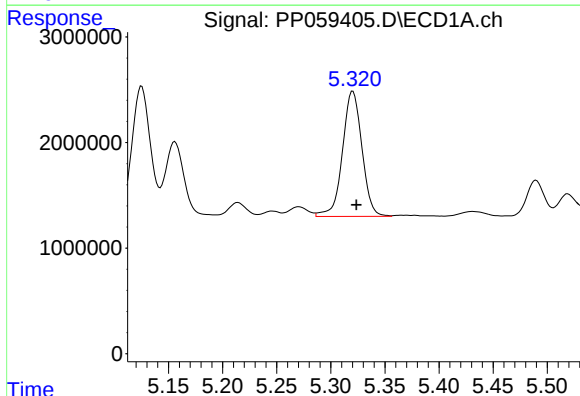
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 11249103
Conc: 382.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



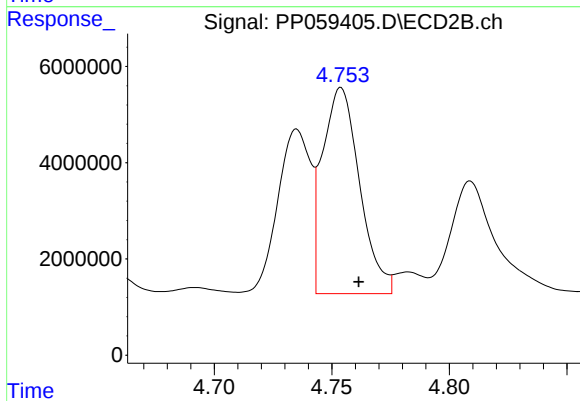
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 20553078
Conc: 433.17 ng/ml



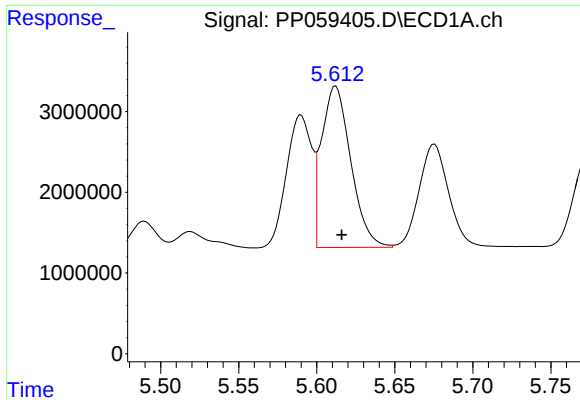
#12 AR-1232-2

R.T.: 5.320 min
Delta R.T.: -0.003 min
Response: 14859274
Conc: 953.31 ng/ml



#12 AR-1232-2

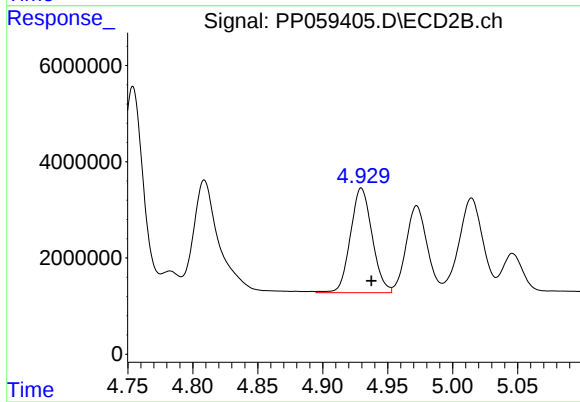
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 46989377
Conc: 1107.76 ng/ml



#13 AR-1232-3

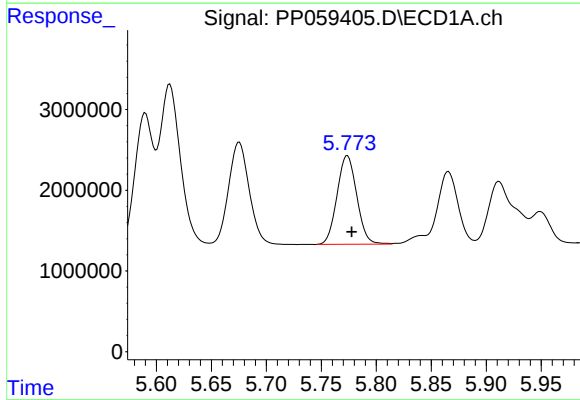
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 26133764
Conc: 989.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



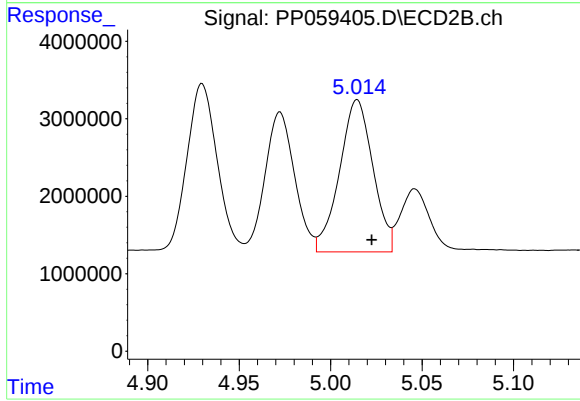
#13 AR-1232-3

R.T.: 4.930 min
Delta R.T.: -0.008 min
Response: 25287099
Conc: 1139.69 ng/ml



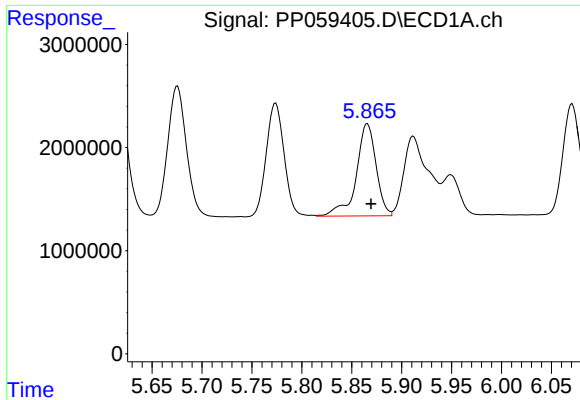
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 13719805
Conc: 1036.67 ng/ml



#14 AR-1232-4

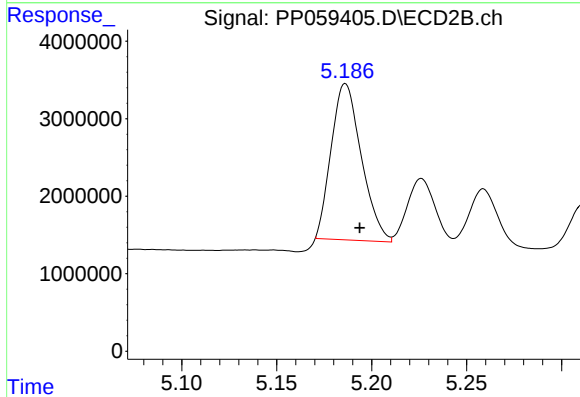
R.T.: 5.015 min
Delta R.T.: -0.008 min
Response: 24983549
Conc: 1183.25 ng/ml



#15 AR-1232-5

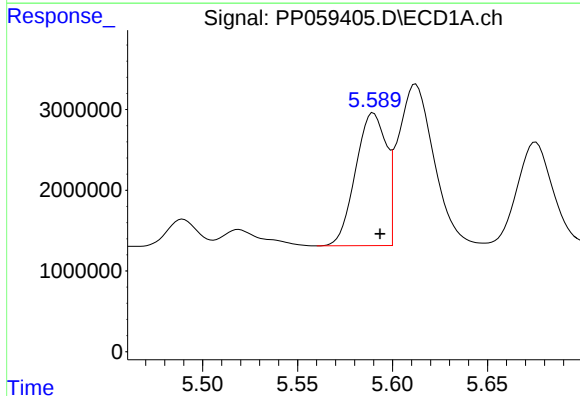
R.T.: 5.866 min
Delta R.T.: -0.004 min
Response: 12372118
Conc: 1083.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



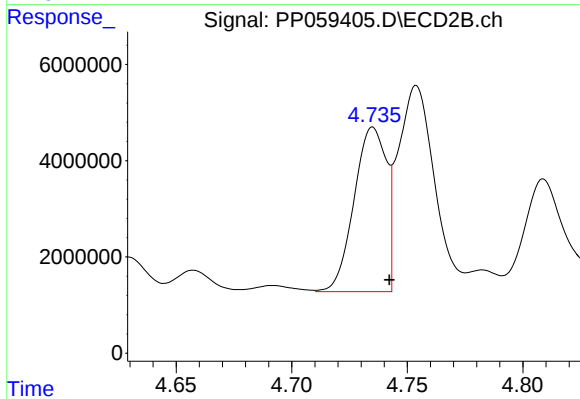
#15 AR-1232-5

R.T.: 5.186 min
Delta R.T.: -0.007 min
Response: 22289689
Conc: 972.38 ng/ml



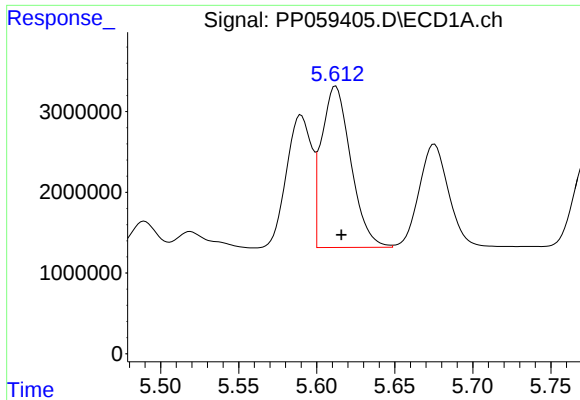
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 18455816
Conc: 539.15 ng/ml



#16 AR-1242-1

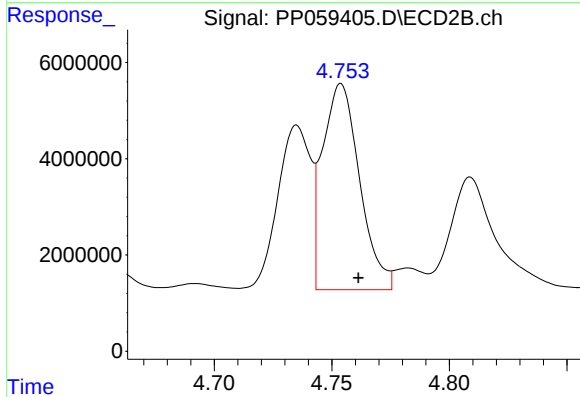
R.T.: 4.735 min
Delta R.T.: -0.007 min
Response: 33251763
Conc: 594.16 ng/ml



#17 AR-1242-2

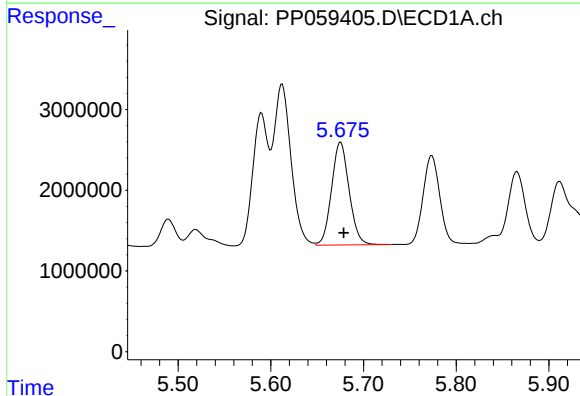
R.T.: 5.612 min
Delta R.T.: -0.004 min
Response: 26133764
Conc: 532.58 ng/ml

Instrument :
ECD_P
ClientSampleId :



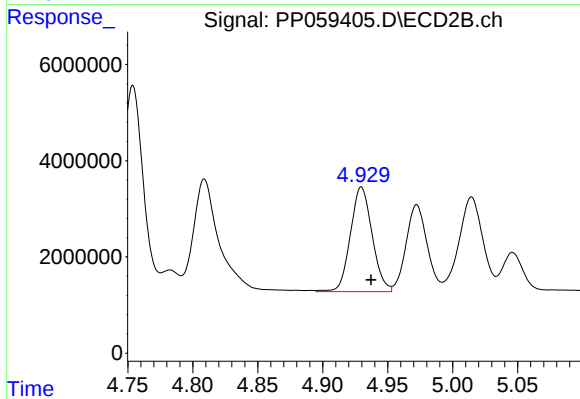
#17 AR-1242-2

R.T.: 4.754 min
Delta R.T.: -0.007 min
Response: 46989377
Conc: 589.31 ng/ml



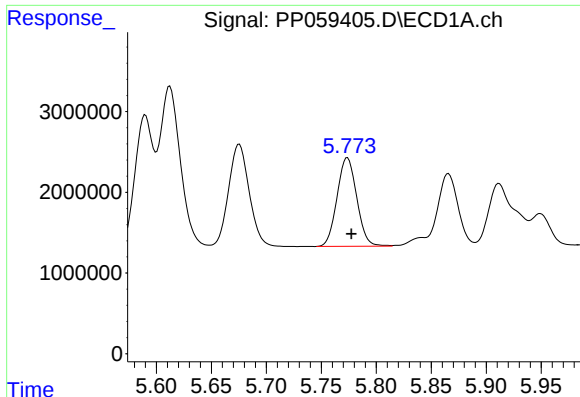
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.003 min
Response: 16759197
Conc: 533.42 ng/ml



#18 AR-1242-3

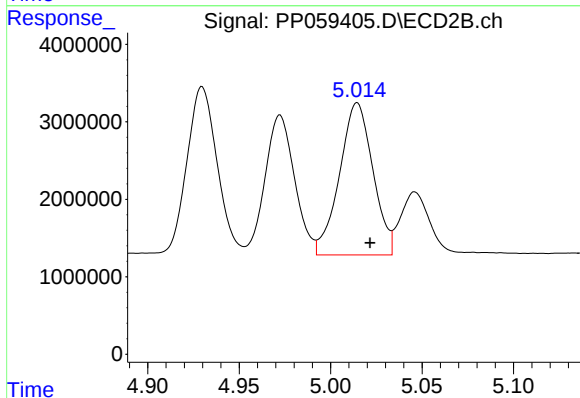
R.T.: 4.930 min
Delta R.T.: -0.008 min
Response: 25287099
Conc: 593.33 ng/ml



#19 AR-1242-4

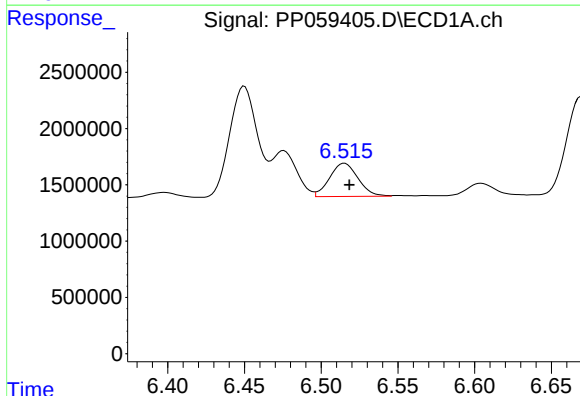
R.T.: 5.774 min
Delta R.T.: -0.004 min
Response: 13719805
Conc: 535.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



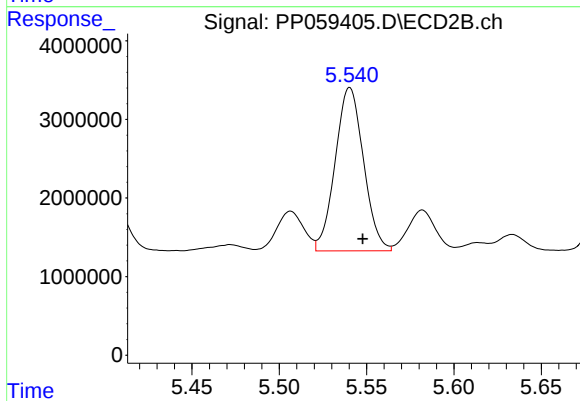
#19 AR-1242-4

R.T.: 5.015 min
Delta R.T.: -0.007 min
Response: 24983549
Conc: 572.15 ng/ml



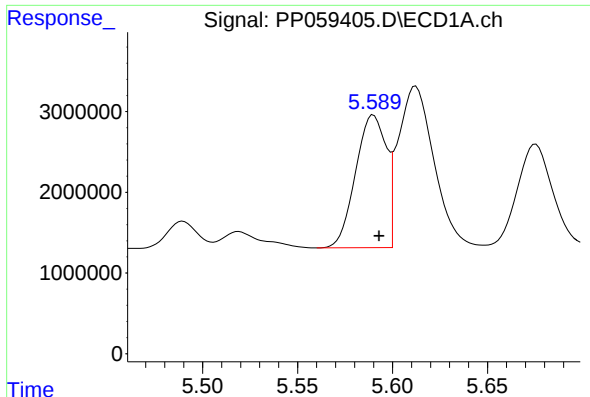
#20 AR-1242-5

R.T.: 6.515 min
Delta R.T.: -0.003 min
Response: 3815192
Conc: 147.68 ng/ml



#20 AR-1242-5

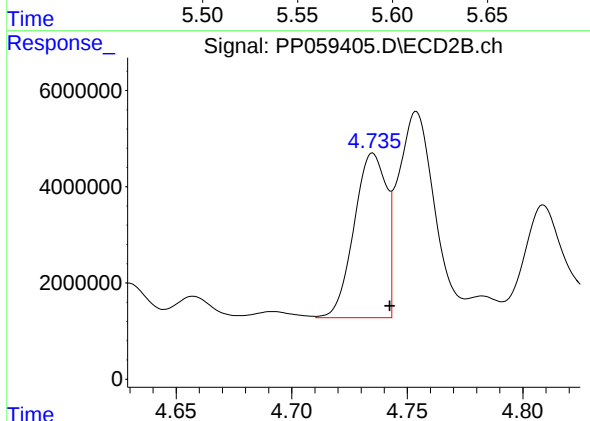
R.T.: 5.540 min
Delta R.T.: -0.007 min
Response: 23494977
Conc: 473.00 ng/ml



#21 AR-1248-1

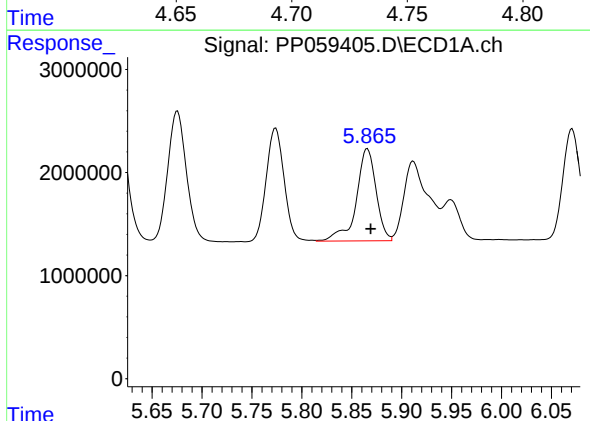
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 18455816
Conc: 727.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



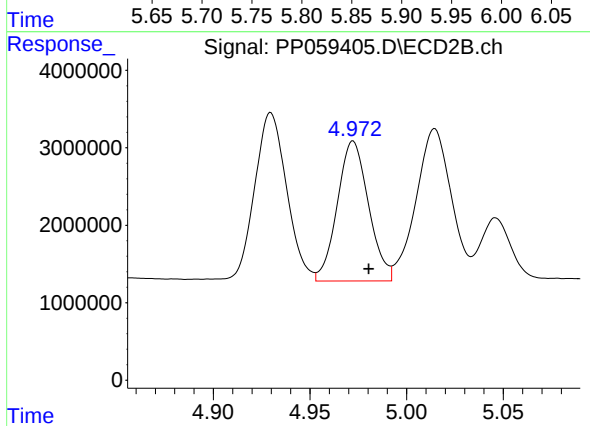
#21 AR-1248-1

R.T.: 4.735 min
Delta R.T.: -0.007 min
Response: 33251763
Conc: 808.30 ng/ml



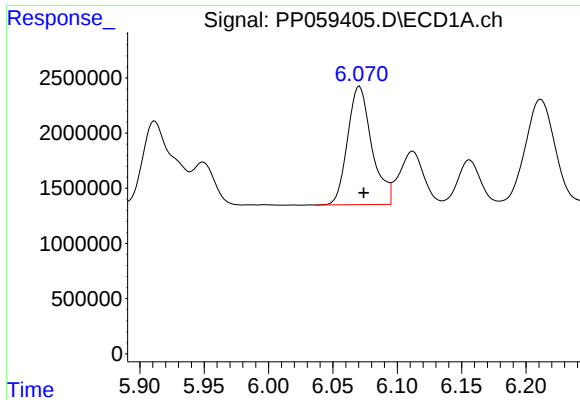
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 12372118
Conc: 319.65 ng/ml



#22 AR-1248-2

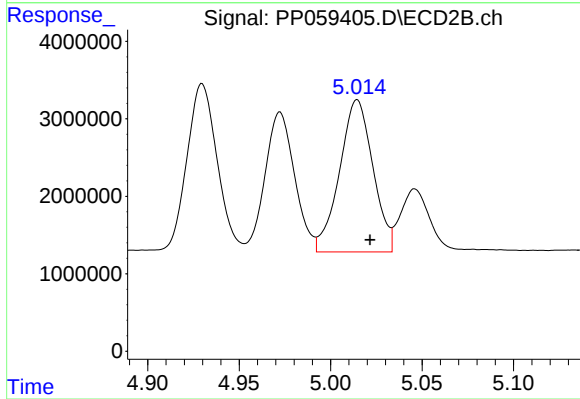
R.T.: 4.972 min
Delta R.T.: -0.008 min
Response: 20349165
Conc: 337.93 ng/ml



#23 AR-1248-3

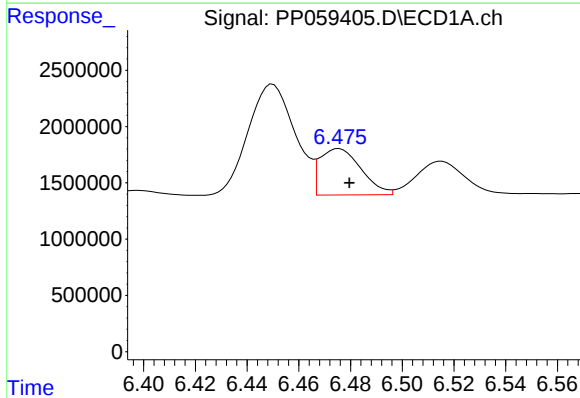
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 14062051
Conc: 332.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



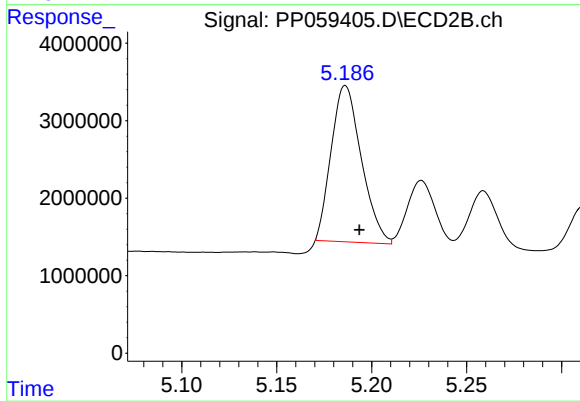
#23 AR-1248-3

R.T.: 5.015 min
Delta R.T.: -0.007 min
Response: 24983549
Conc: 405.51 ng/ml



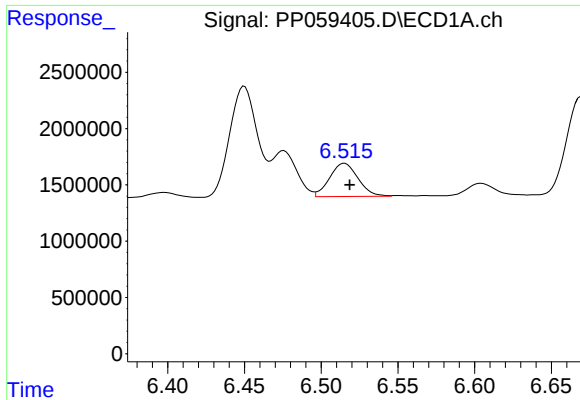
#24 AR-1248-4

R.T.: 6.476 min
Delta R.T.: -0.004 min
Response: 4567177
Conc: 109.70 ng/ml



#24 AR-1248-4

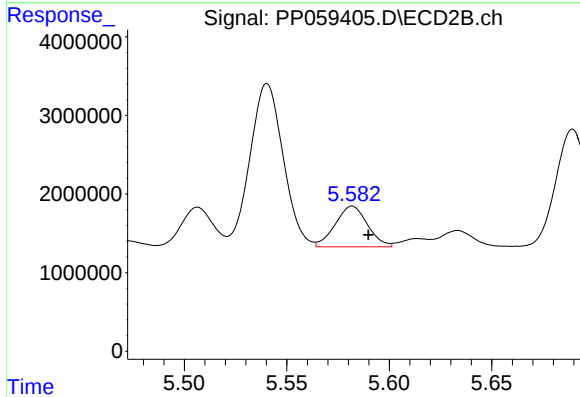
R.T.: 5.186 min
Delta R.T.: -0.007 min
Response: 22289689
Conc: 309.60 ng/ml



#25 AR-1248-5

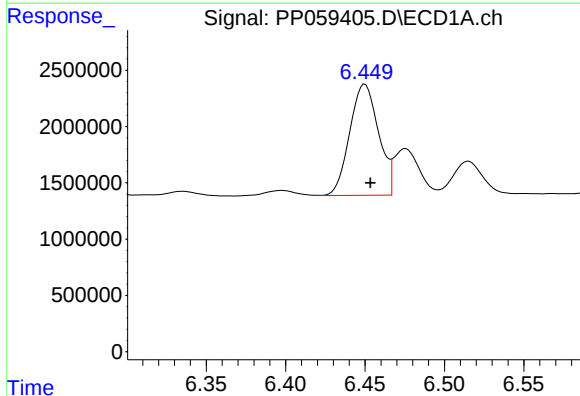
R.T.: 6.515 min
Delta R.T.: -0.003 min
Response: 3815192
Conc: 93.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



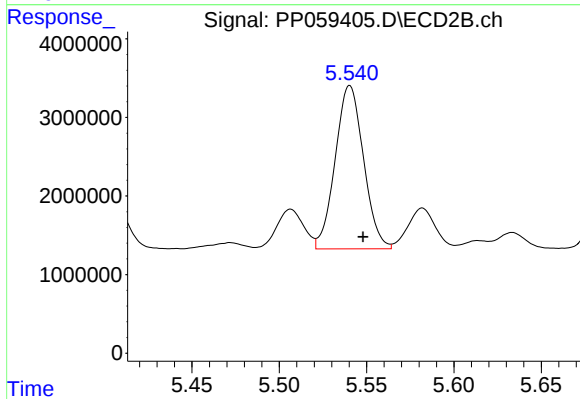
#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 5690673
Conc: 86.24 ng/ml



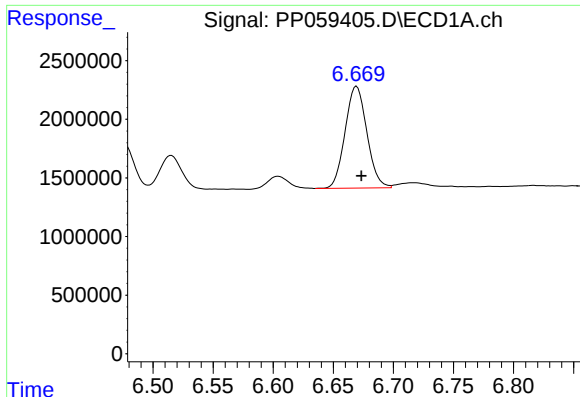
#26 AR-1254-1

R.T.: 6.450 min
Delta R.T.: -0.004 min
Response: 12452904
Conc: 266.57 ng/ml



#26 AR-1254-1

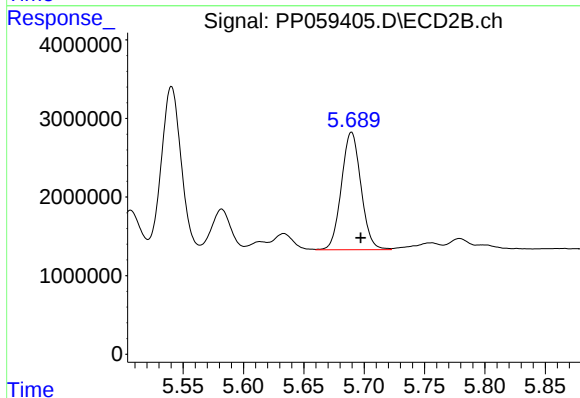
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 23494977
Conc: 231.90 ng/ml



#27 AR-1254-2

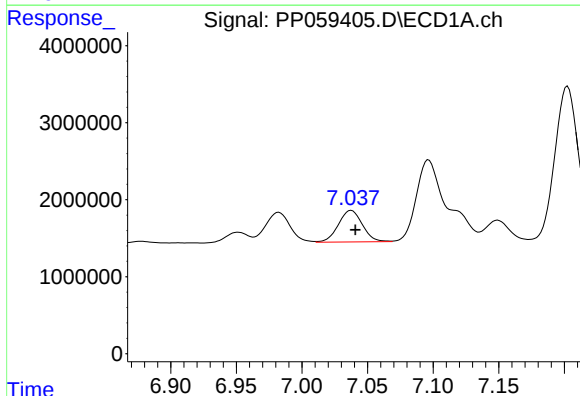
R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 10933789
Conc: 158.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



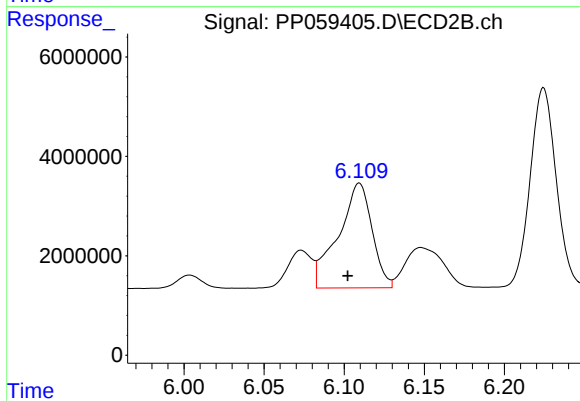
#27 AR-1254-2

R.T.: 5.690 min
Delta R.T.: -0.008 min
Response: 16851361
Conc: 190.89 ng/ml



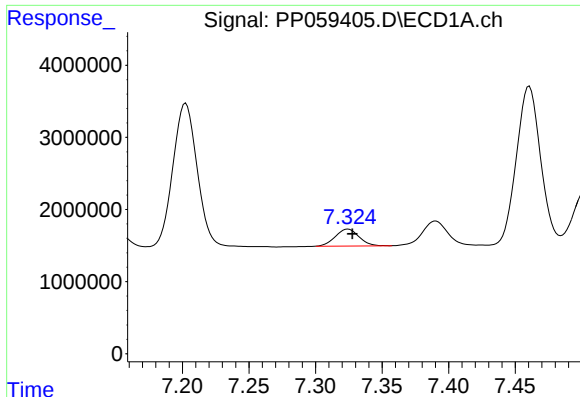
#28 AR-1254-3

R.T.: 7.038 min
Delta R.T.: -0.003 min
Response: 5226515
Conc: 75.72 ng/ml



#28 AR-1254-3

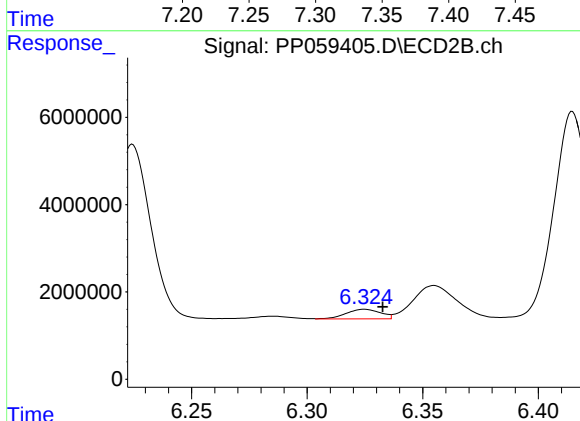
R.T.: 6.109 min
Delta R.T.: 0.007 min
Response: 30856920
Conc: 223.20 ng/ml



#29 AR-1254-4

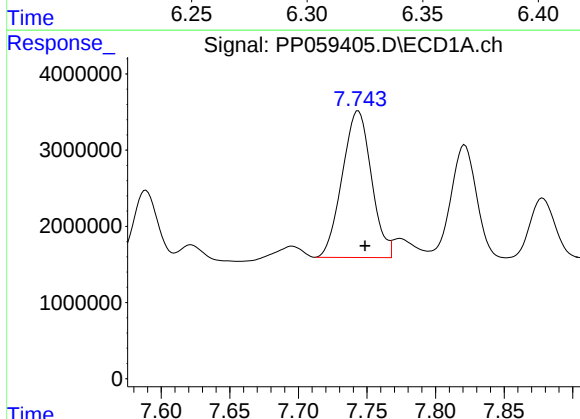
R.T.: 7.324 min
Delta R.T.: -0.003 min
Response: 2922485
Conc: 64.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



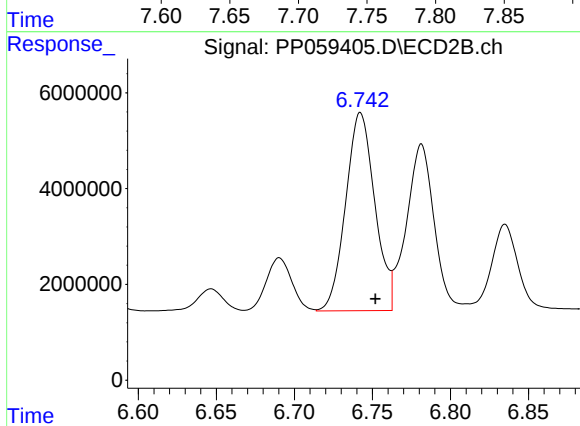
#29 AR-1254-4

R.T.: 6.325 min
Delta R.T.: -0.008 min
Response: 2288738
Conc: 28.47 ng/ml



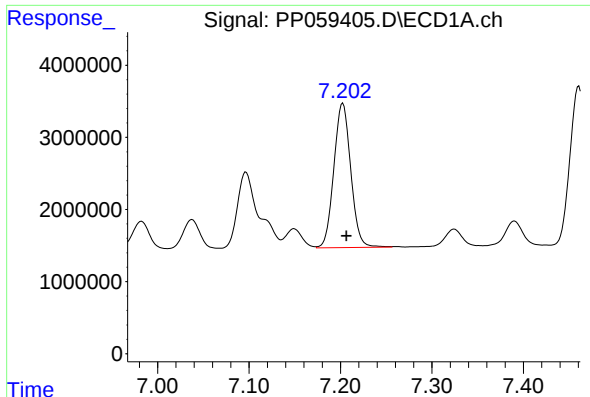
#30 AR-1254-5

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 28447367
Conc: 605.43 ng/ml



#30 AR-1254-5

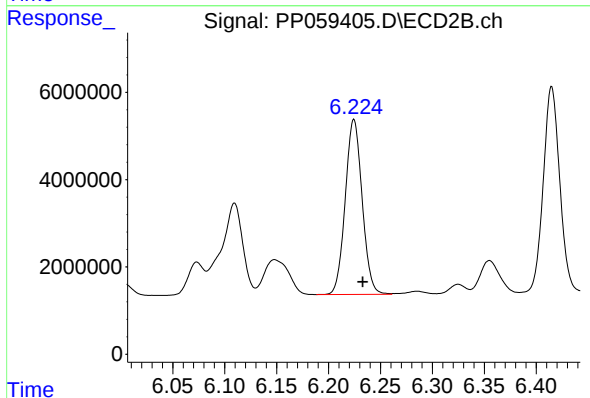
R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 53735886
Conc: 449.35 ng/ml



#31 AR-1260-1

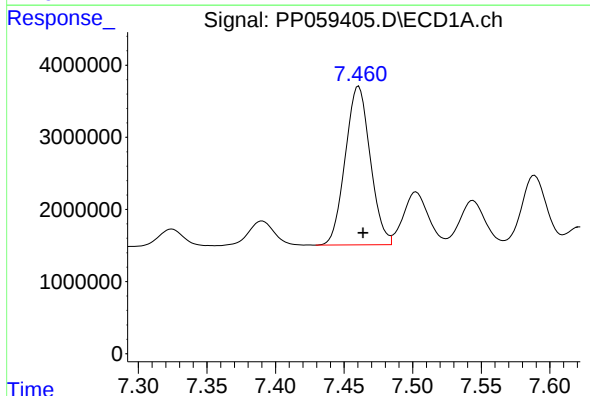
R.T.: 7.203 min
Delta R.T.: -0.004 min
Response: 25687226
Conc: 469.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



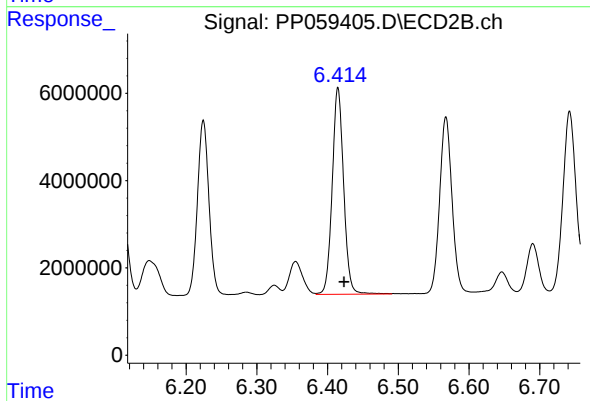
#31 AR-1260-1

R.T.: 6.224 min
Delta R.T.: -0.009 min
Response: 45414666
Conc: 458.55 ng/ml



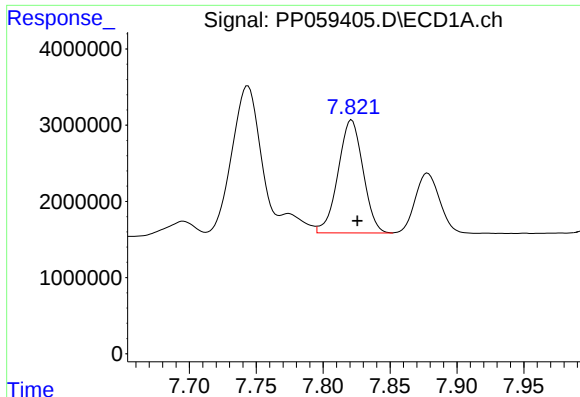
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 27840934
Conc: 467.61 ng/ml



#32 AR-1260-2

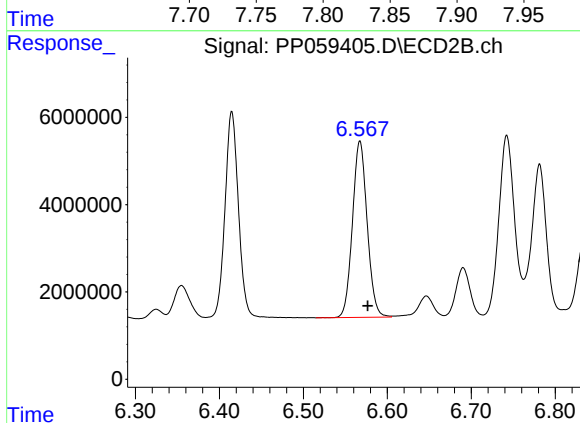
R.T.: 6.415 min
Delta R.T.: -0.008 min
Response: 53261770
Conc: 460.31 ng/ml



#33 AR-1260-3

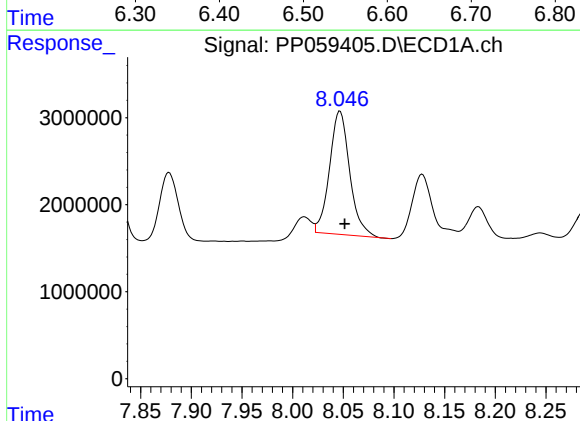
R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 19265511
Conc: 489.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



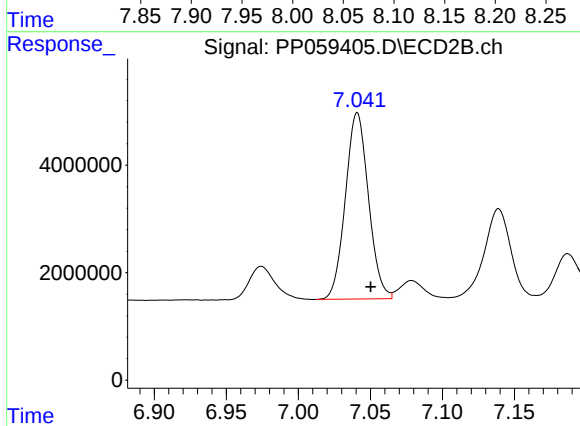
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: -0.009 min
Response: 49117906
Conc: 441.57 ng/ml



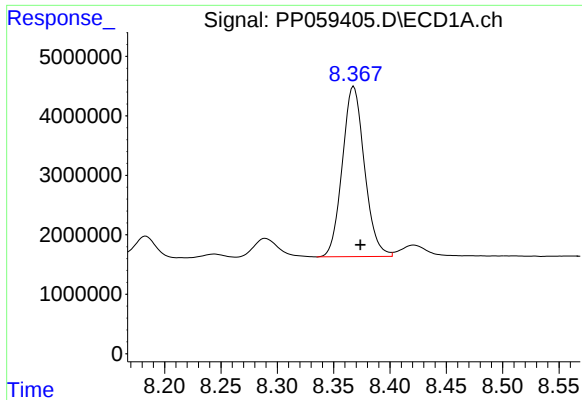
#34 AR-1260-4

R.T.: 8.047 min
Delta R.T.: -0.005 min
Response: 19664992
Conc: 442.77 ng/ml



#34 AR-1260-4

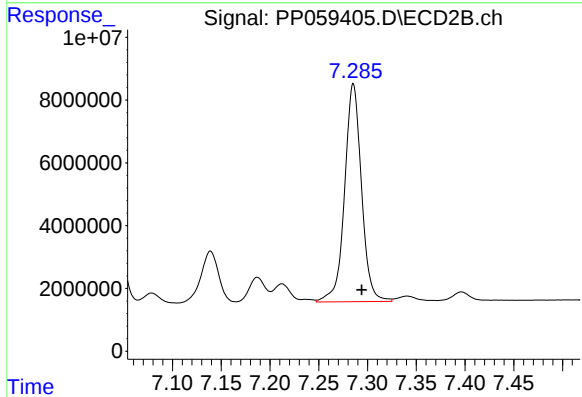
R.T.: 7.041 min
Delta R.T.: -0.009 min
Response: 38734342
Conc: 446.79 ng/ml



#35 AR-1260-5

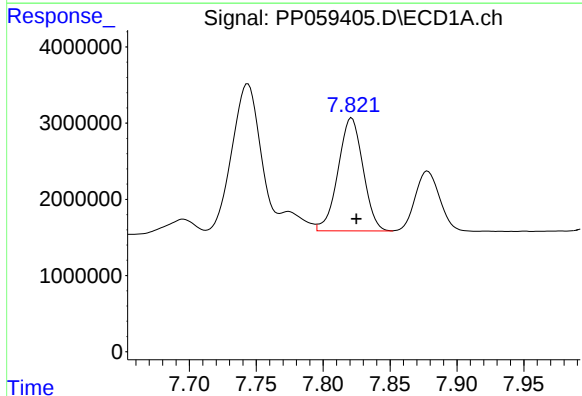
R.T.: 8.368 min
Delta R.T.: -0.006 min
Response: 39165243
Conc: 489.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



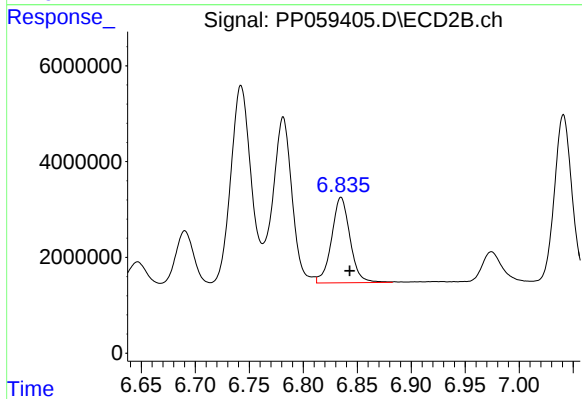
#35 AR-1260-5

R.T.: 7.285 min
Delta R.T.: -0.009 min
Response: 83883807
Conc: 455.09 ng/ml



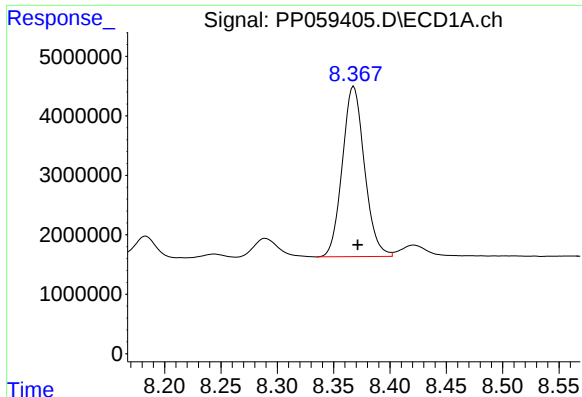
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 19265511
Conc: 302.48 ng/ml



#36 AR-1262-1

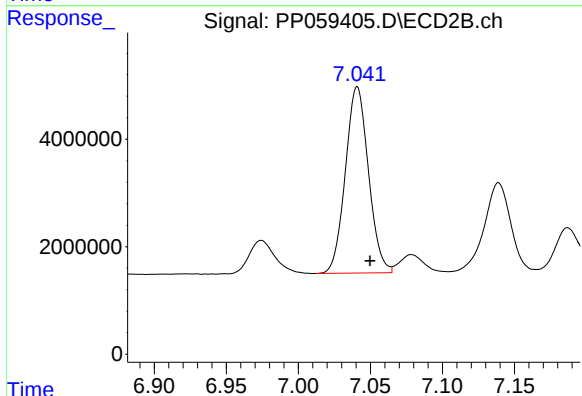
R.T.: 6.835 min
Delta R.T.: -0.008 min
Response: 21221461
Conc: 368.85 ng/ml



#37 AR-1262-2

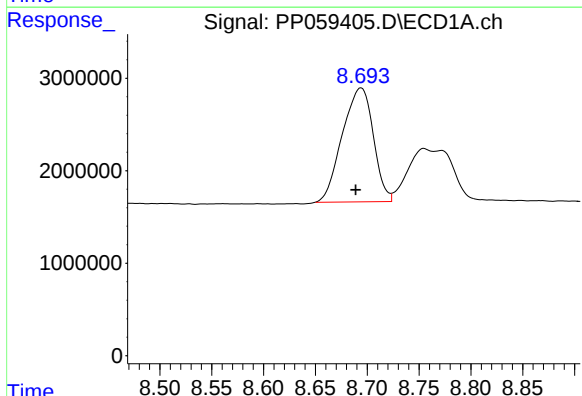
R.T.: 8.368 min
Delta R.T.: -0.004 min
Response: 39165243
Conc: 426.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



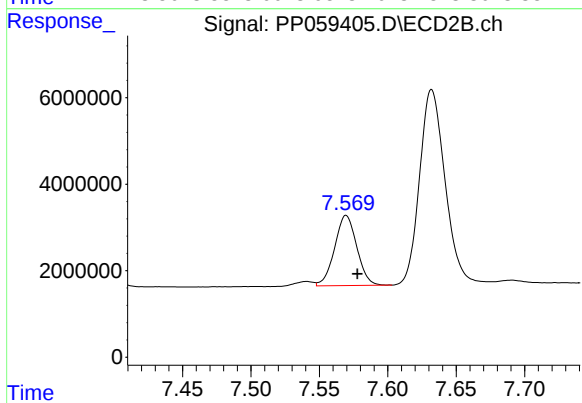
#37 AR-1262-2

R.T.: 7.041 min
Delta R.T.: -0.009 min
Response: 38734342
Conc: 328.26 ng/ml



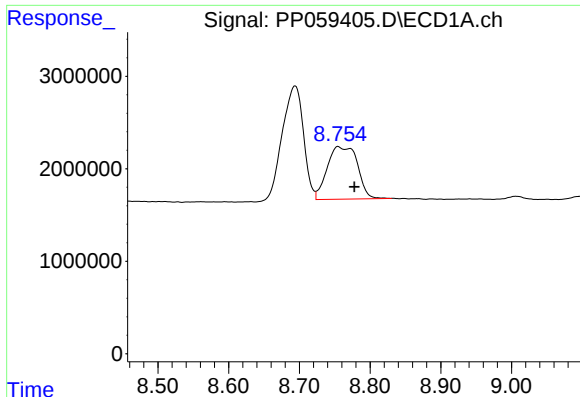
#38 AR-1262-3

R.T.: 8.694 min
Delta R.T.: 0.005 min
Response: 25634064
Conc: 398.34 ng/ml



#38 AR-1262-3

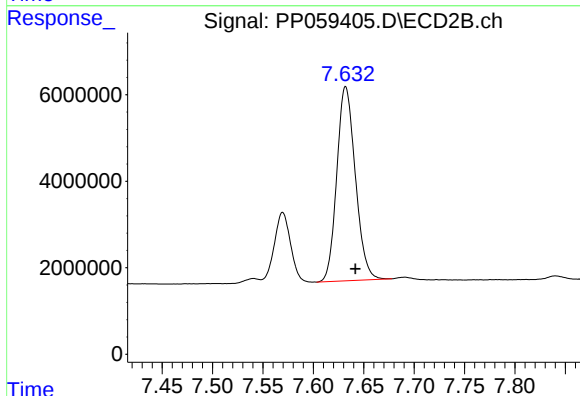
R.T.: 7.570 min
Delta R.T.: -0.008 min
Response: 18275857
Conc: 214.76 ng/ml



#39 AR-1262-4

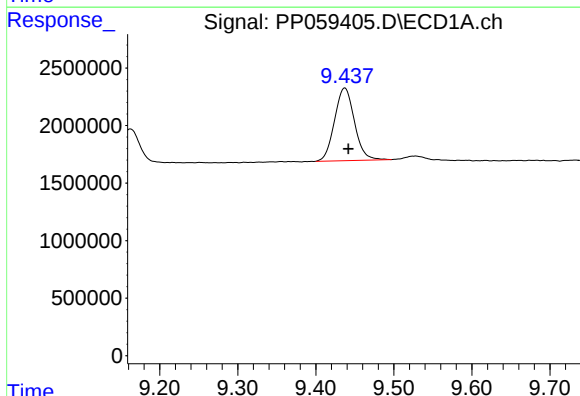
R.T.: 8.755 min
Delta R.T.: -0.023 min
Response: 16839156
Conc: 507.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



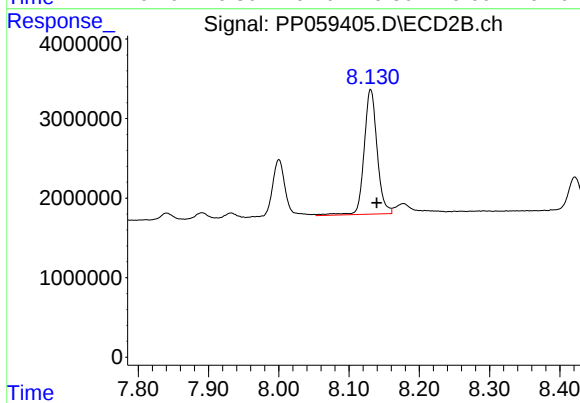
#39 AR-1262-4

R.T.: 7.632 min
Delta R.T.: -0.010 min
Response: 57504784
Conc: 380.67 ng/ml



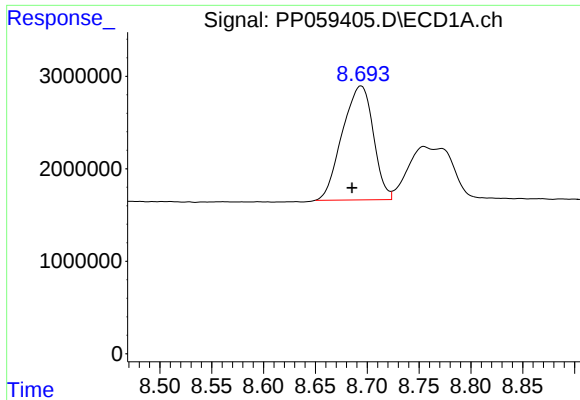
#40 AR-1262-5

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 11182438
Conc: 374.73 ng/ml



#40 AR-1262-5

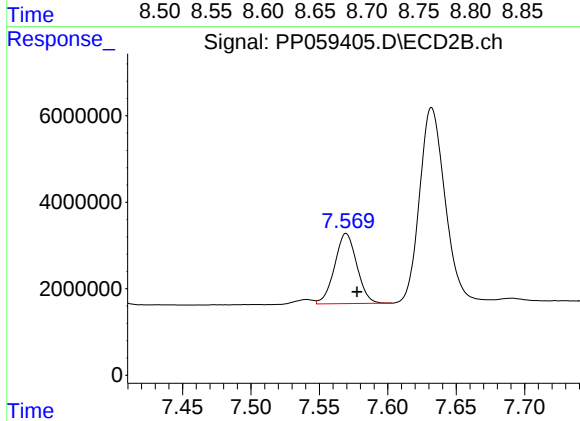
R.T.: 8.131 min
Delta R.T.: -0.009 min
Response: 20191975
Conc: 316.61 ng/ml



#41 AR-1268-1

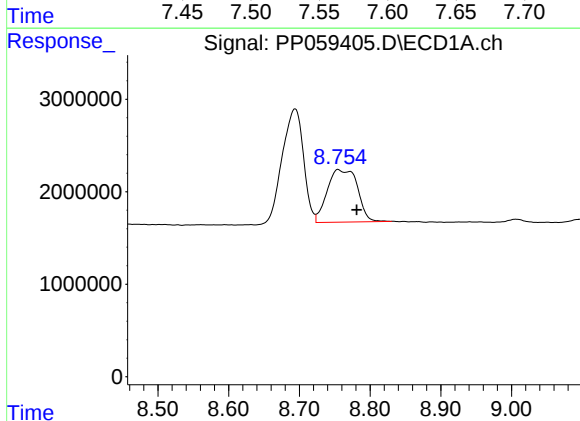
R.T.: 8.694 min
Delta R.T.: 0.009 min
Response: 25634064
Conc: 225.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



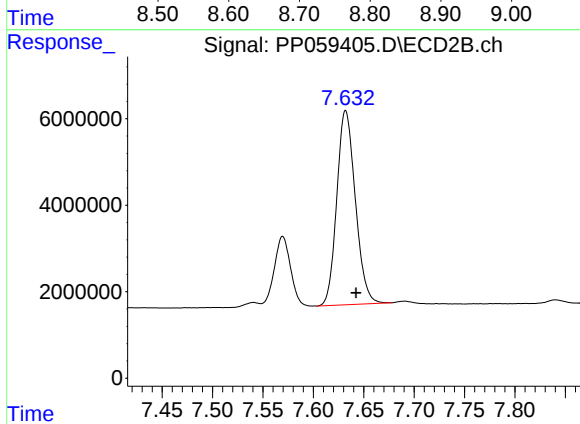
#41 AR-1268-1

R.T.: 7.570 min
Delta R.T.: -0.008 min
Response: 18275857
Conc: 74.95 ng/ml



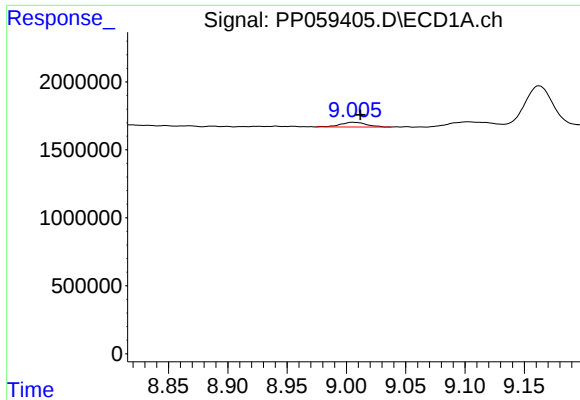
#42 AR-1268-2

R.T.: 8.755 min
Delta R.T.: -0.026 min
Response: 16839156
Conc: 171.10 ng/ml



#42 AR-1268-2

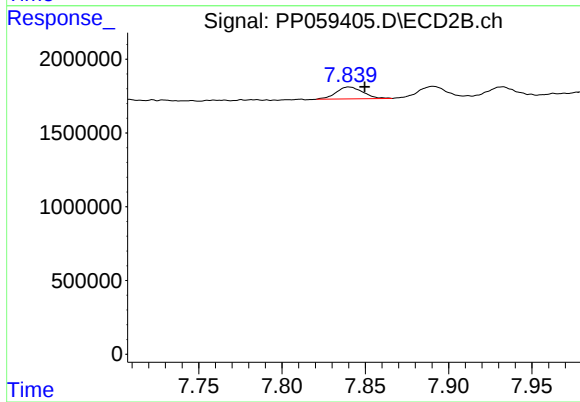
R.T.: 7.632 min
Delta R.T.: -0.010 min
Response: 57504784
Conc: 262.55 ng/ml



#43 AR-1268-3

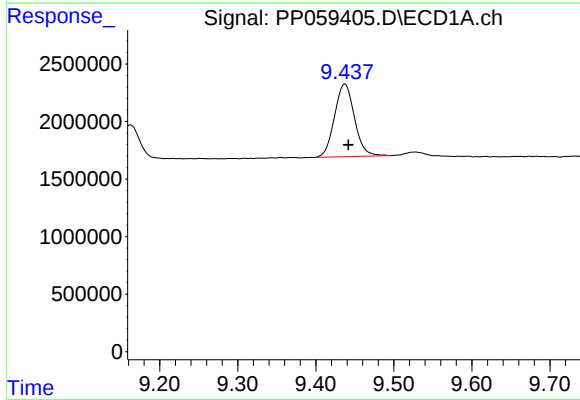
R.T.: 9.006 min
Delta R.T.: -0.005 min
Response: 527715
Conc: 5.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



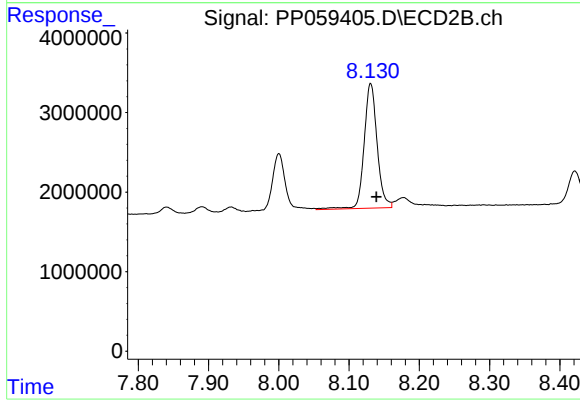
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.009 min
Response: 907057
Conc: 4.64 ng/ml



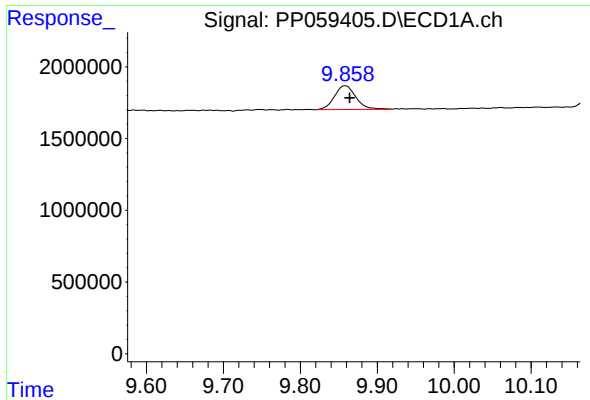
#44 AR-1268-4

R.T.: 9.437 min
Delta R.T.: -0.004 min
Response: 11182438
Conc: 350.54 ng/ml



#44 AR-1268-4

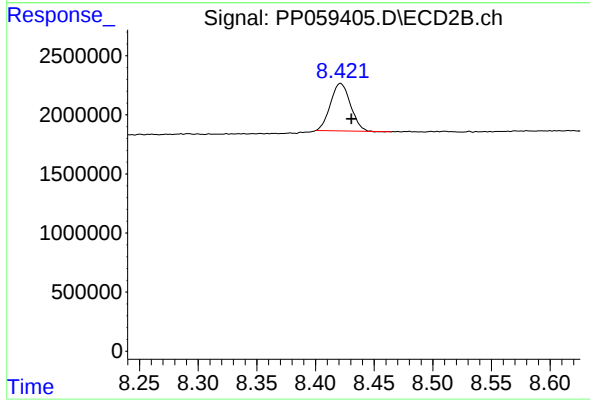
R.T.: 8.131 min
Delta R.T.: -0.008 min
Response: 20191975
Conc: 290.16 ng/ml



#45 AR-1268-5

R.T.: 9.859 min
Delta R.T.: -0.006 min
Response: 3194921
Conc: 11.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.421 min
Delta R.T.: -0.009 min
Response: 4773012
Conc: 9.21 ng/ml