

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081123\
 Data File : PP059318.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Aug 2023 09:47
 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 11 10:52:37 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...	4.414	3.644	53582054	94282956	43.668	46.533
2)	SA Decachlor...	10.206	8.680	38613036	72050460	50.591	51.215
Target Compounds							
3)	L1 AR-1016-1	5.591	4.737	17893592	305555981	455.444	476.411
4)	L1 AR-1016-2	5.613	4.756	25662158	43848536	452.694	482.703
5)	L1 AR-1016-3	5.676	4.932	16454362	23634716	458.667	491.902
6)	L1 AR-1016-4	5.775	4.975	13341162	19510997	460.563	472.521
7)	L1 AR-1016-5	6.071	5.188	14012024	23337695	462.998	448.523
8)	L2 AR-1221-1	4.620	3.858	2220588	4058243	140.953	149.497
9)	L2 AR-1221-2	4.711	3.945	3066920	5339562	259.712	268.188
10)	L2 AR-1221-3	4.787	4.022	10958245	18222091	311.198	306.081
11)	L3 AR-1232-1	4.787	4.022	10958245	18222091	372.774	384.041
12)	L3 AR-1232-2	5.321	4.756	14622116	43848536	938.094	1033.712
13)	L3 AR-1232-3	5.613	4.932	25662158	23634716	971.843	1065.213
14)	L3 AR-1232-4	5.775	5.016	13341162	23678810	1008.058	1121.459
15)	L3 AR-1232-5	5.866	5.188	12159071	23337695	1065.225	1018.103
16)	L4 AR-1242-1	5.591	4.737	17893592	305555981	522.727	545.987
17)	L4 AR-1242-2	5.613	4.756	25662158	43848536	522.970	549.916
18)	L4 AR-1242-3	5.676	4.932	16454362	23634716	523.718	554.555
19)	L4 AR-1242-4	5.775	5.016	13341162	23678810	520.239	542.271
20)	L4 AR-1242-5	6.516	5.542	4182515	23389473	161.898	470.871 #
21)	L5 AR-1248-1	5.591	4.737	17893592	305555981	705.016	742.770
22)	L5 AR-1248-2	5.866	4.975	12159071	19510997	314.145	324.009
23)	L5 AR-1248-3	6.071	5.016	14012024	23678810	331.677	384.335
24)	L5 AR-1248-4	6.477	5.188	4771332	23337695	114.600	324.152 #
25)	L5 AR-1248-5	6.516	5.584	4182515	6034217	102.534	91.448
26)	L6 AR-1254-1	6.450	5.542	12763273	23389473	273.217	230.858
27)	L6 AR-1254-2	6.670	5.691	10947625	17274367	159.104	195.681
28)	L6 AR-1254-3	7.039	6.112	5194540	31790218	75.261	229.955 #
29)	L6 AR-1254-4	7.325	6.327	3020764	2377695	67.105	29.580 #
30)	L6 AR-1254-5	7.744	6.746	28960398	58931527	616.349	492.792
31)	L7 AR-1260-1	7.203	6.227	26407134	47645522	482.682	481.080
32)	L7 AR-1260-2	7.461	6.417	28410383	56859368	477.175	491.399
33)	L7 AR-1260-3	7.822	6.570	20090879	52808478	510.505	474.753
34)	L7 AR-1260-4	8.048	7.044	20497935	43408805	461.522	500.706
35)	L7 AR-1260-5	8.369	7.288	38867643	94182842	486.030	510.963
36)	L8 AR-1262-1	7.822	6.838	20090879	24363999	315.439	423.466 #
37)	L8 AR-1262-2	8.369	7.044	38867643	43408805	423.229	367.878
38)	L8 AR-1262-3	8.696	7.572	25654983	21311147	398.661	250.426 #
39)	L8 AR-1262-4	8.773	7.635	7525941	63994366	226.639	423.632 #
40)	L8 AR-1262-5	9.438	8.133	10514317	21382137	352.339	335.270
41)	L9 AR-1268-1	8.696	7.572	25654983	21311147	225.900	87.395 #

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

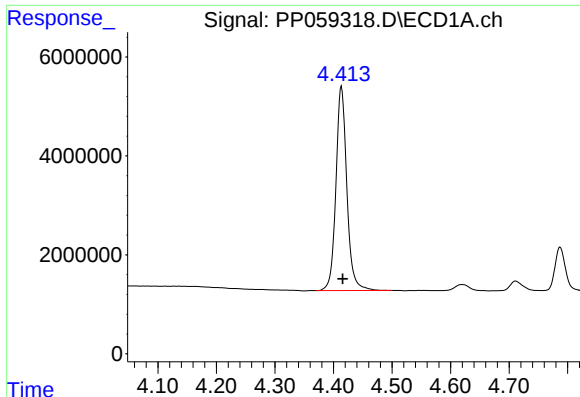
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 11 10:52:37 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	8.773	7.635	7525941	63994366	76.471	292.184 #
43) L9	AR-1268-3	9.007	7.844	528736	1159927	5.703	5.932
44) L9	AR-1268-4	9.438	8.133	10514317	21382137	329.595	307.258
45) L9	AR-1268-5	9.861	8.424	3080886	5690891	11.349	10.978

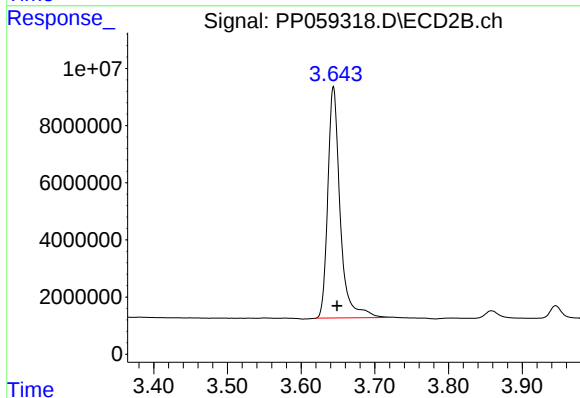
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

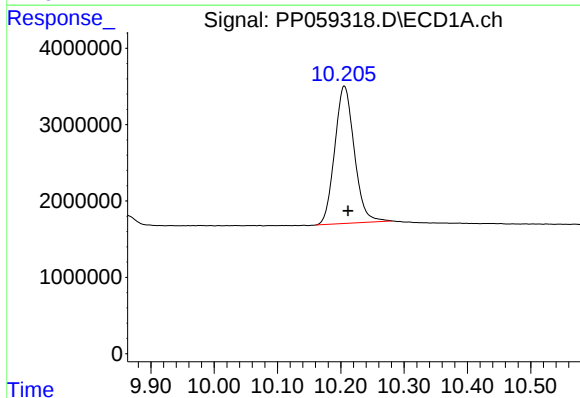
R.T.: 4.414 min
Delta R.T.: -0.002 min
Response: 53582054
Conc: 43.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



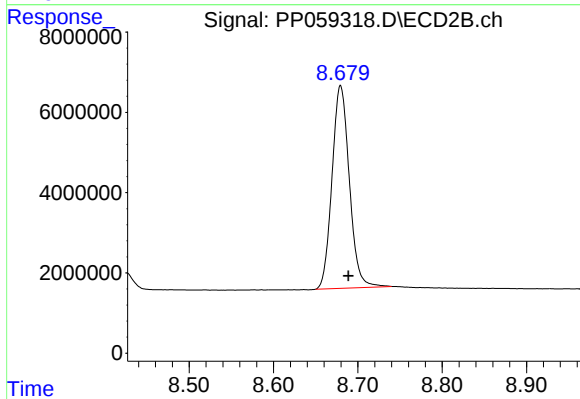
#1 Tetrachloro-m-xylene

R.T.: 3.644 min
Delta R.T.: -0.005 min
Response: 94282956
Conc: 46.53 ng/ml



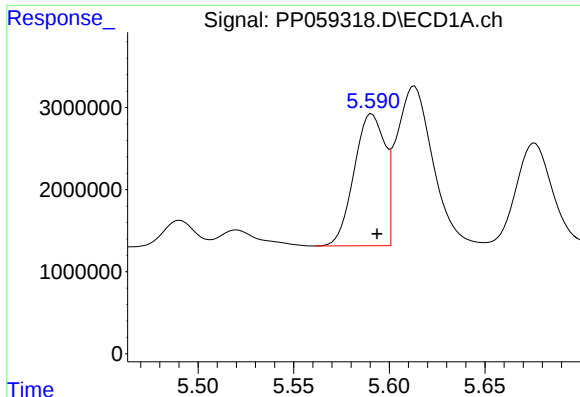
#2 Decachlorobiphenyl

R.T.: 10.206 min
Delta R.T.: -0.006 min
Response: 38613036
Conc: 50.59 ng/ml



#2 Decachlorobiphenyl

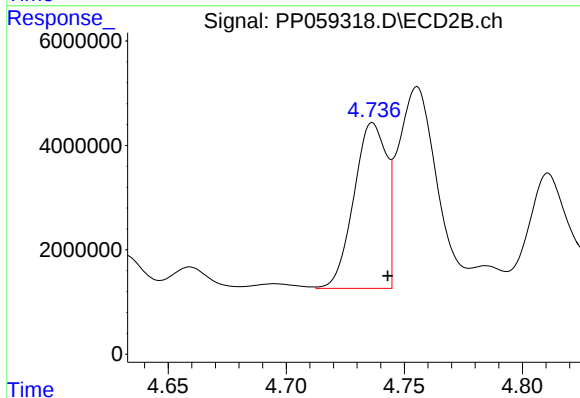
R.T.: 8.680 min
Delta R.T.: -0.009 min
Response: 72050460
Conc: 51.22 ng/ml



#3 AR-1016-1

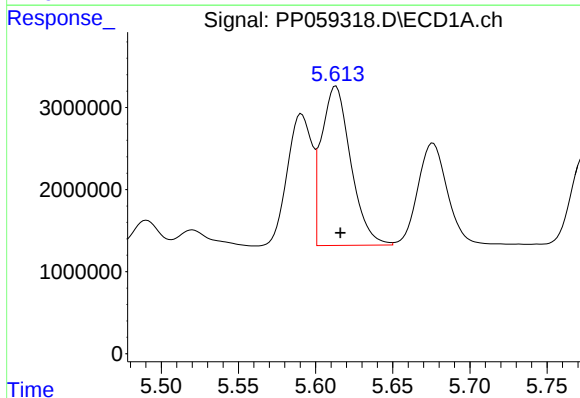
R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 17893592
Conc: 455.44 ng/ml

Instrument :
ECD_P
ClientSampleId :



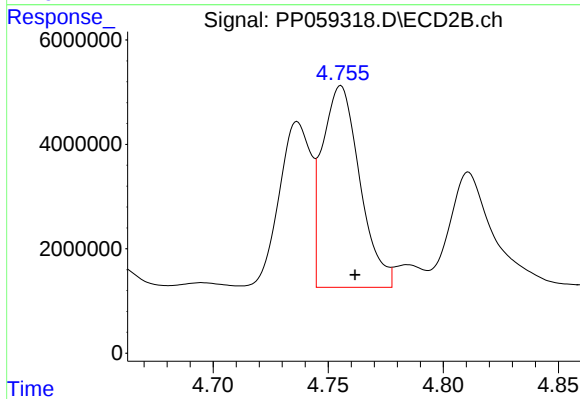
#3 AR-1016-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 30555981
Conc: 476.41 ng/ml



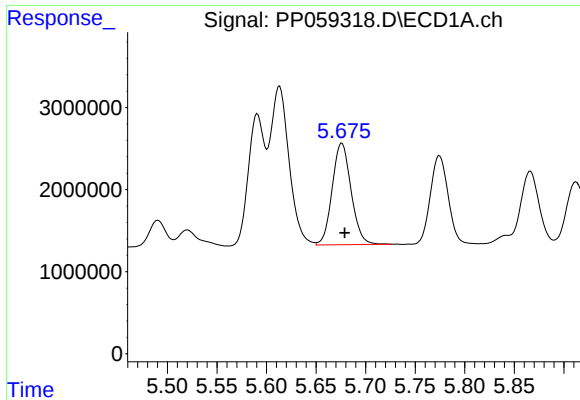
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 25662158
Conc: 452.69 ng/ml



#4 AR-1016-2

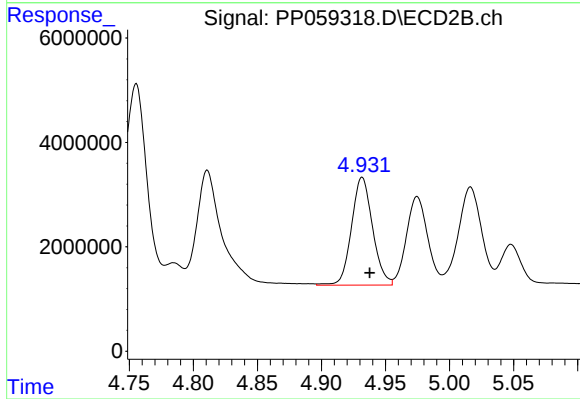
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 43848536
Conc: 482.70 ng/ml



#5 AR-1016-3

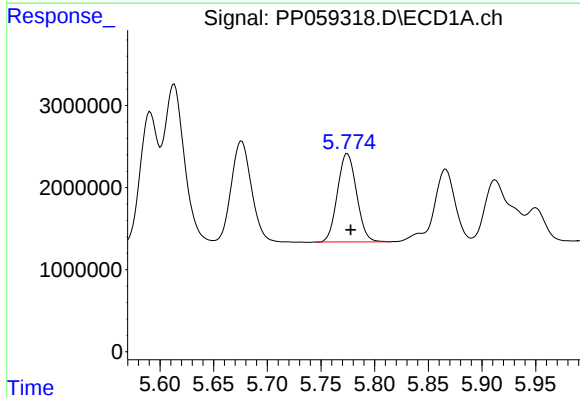
R.T.: 5.676 min
Delta R.T.: -0.003 min
Response: 16454362
Conc: 458.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



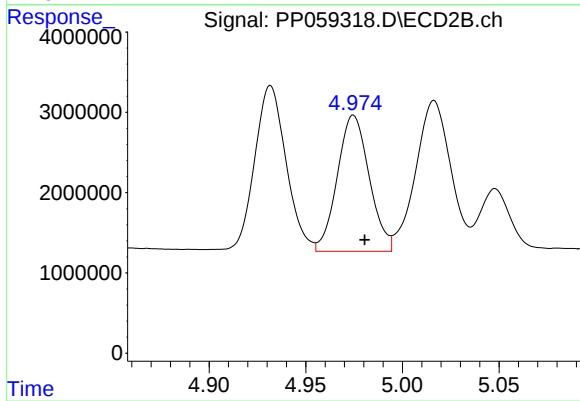
#5 AR-1016-3

R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 23634716
Conc: 491.90 ng/ml



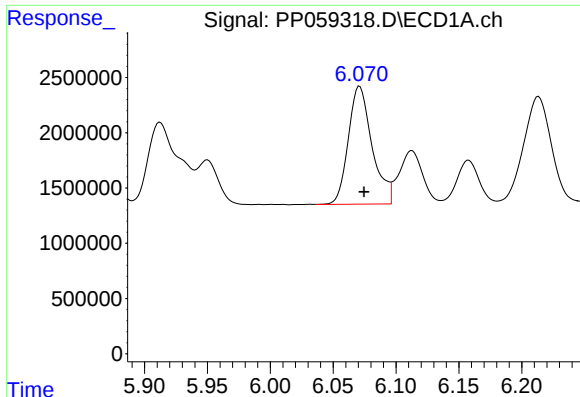
#6 AR-1016-4

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 13341162
Conc: 460.56 ng/ml



#6 AR-1016-4

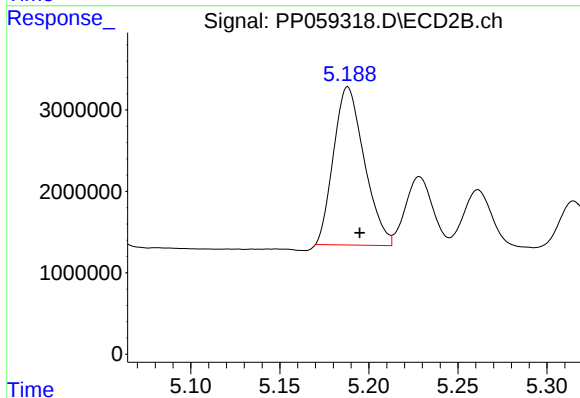
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 19510997
Conc: 472.52 ng/ml



#7 AR-1016-5

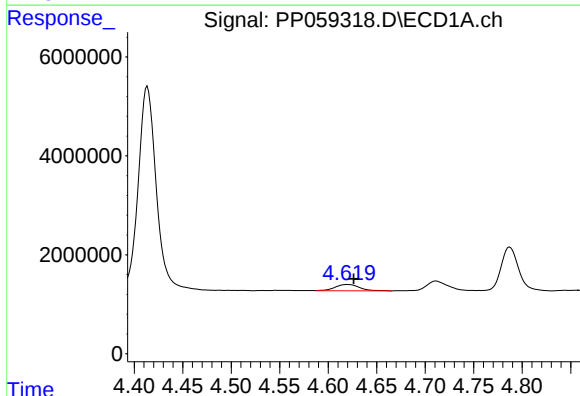
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 14012024
Conc: 463.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



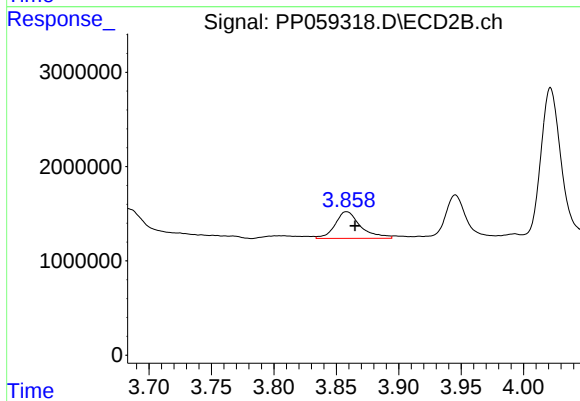
#7 AR-1016-5

R.T.: 5.188 min
Delta R.T.: -0.007 min
Response: 23337695
Conc: 448.52 ng/ml



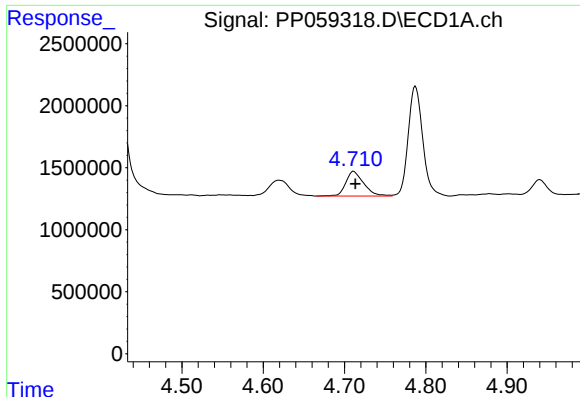
#8 AR-1221-1

R.T.: 4.620 min
Delta R.T.: -0.007 min
Response: 2220588
Conc: 140.95 ng/ml



#8 AR-1221-1

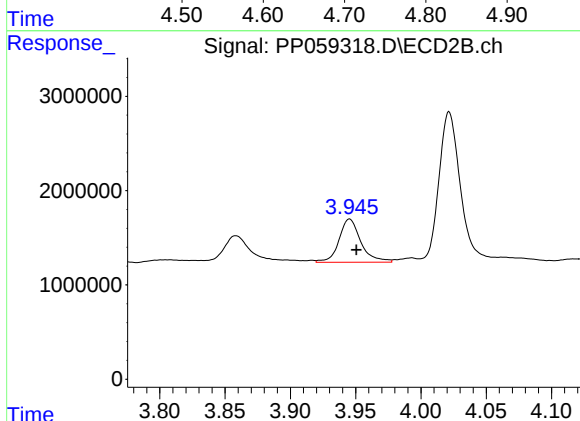
R.T.: 3.858 min
Delta R.T.: -0.007 min
Response: 4058243
Conc: 149.50 ng/ml



#9 AR-1221-2

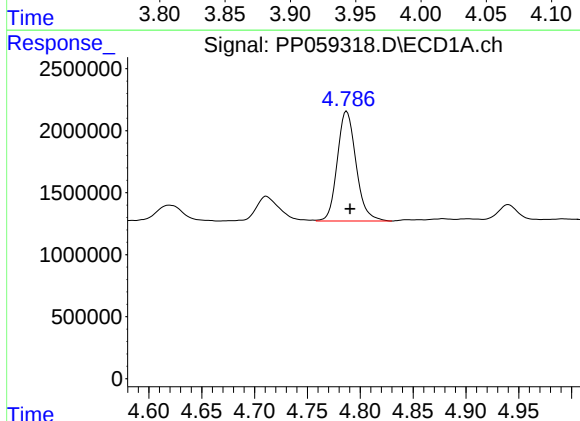
R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 3066920
Conc: 259.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



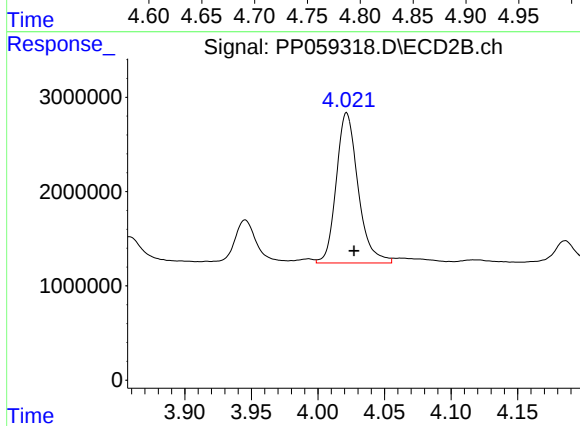
#9 AR-1221-2

R.T.: 3.945 min
Delta R.T.: -0.005 min
Response: 5339562
Conc: 268.19 ng/ml



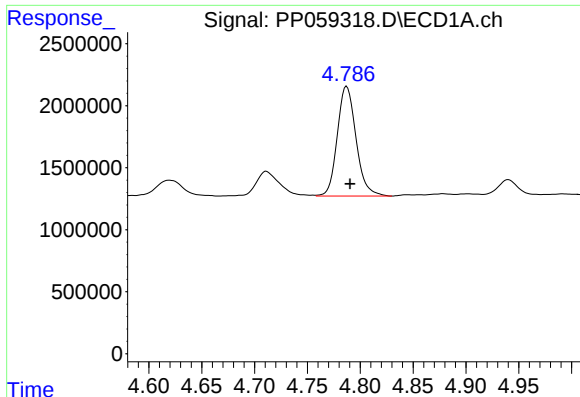
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 10958245
Conc: 311.20 ng/ml



#10 AR-1221-3

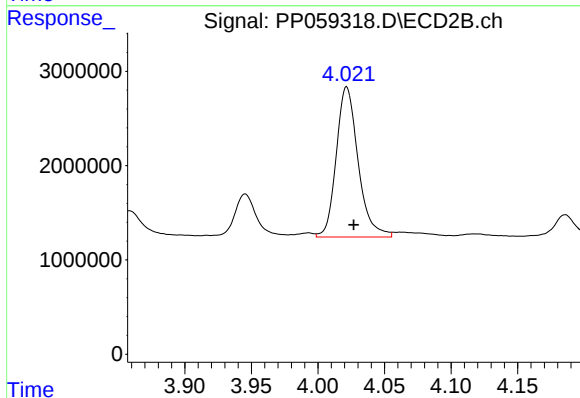
R.T.: 4.022 min
Delta R.T.: -0.006 min
Response: 18222091
Conc: 306.08 ng/ml



#11 AR-1232-1

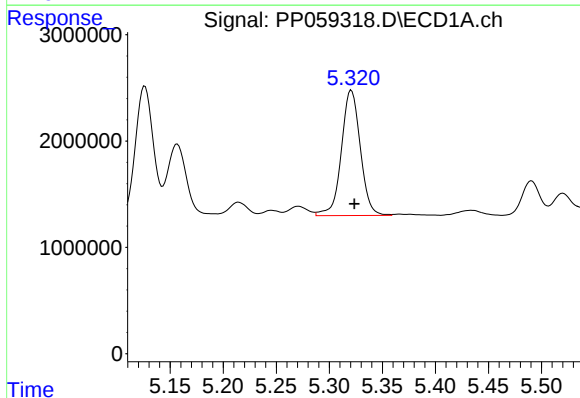
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 10958245
Conc: 372.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



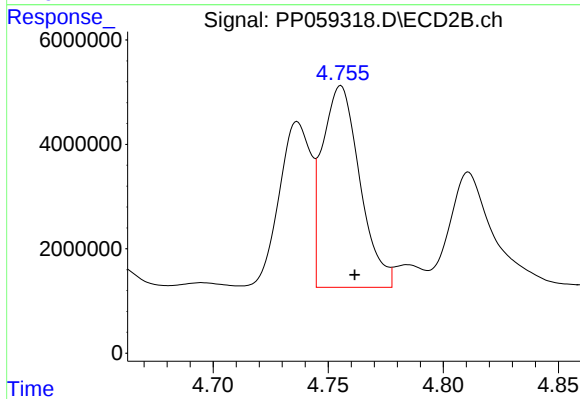
#11 AR-1232-1

R.T.: 4.022 min
Delta R.T.: -0.005 min
Response: 18222091
Conc: 384.04 ng/ml



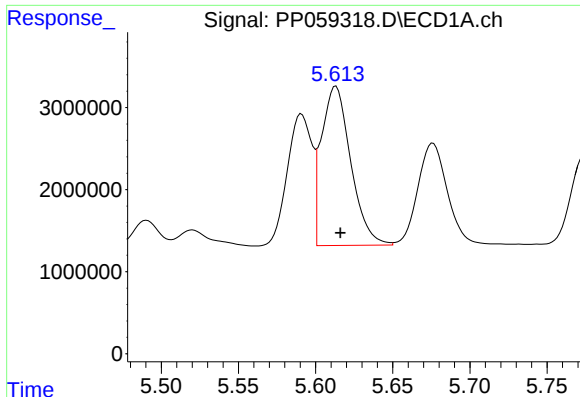
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.003 min
Response: 14622116
Conc: 938.09 ng/ml



#12 AR-1232-2

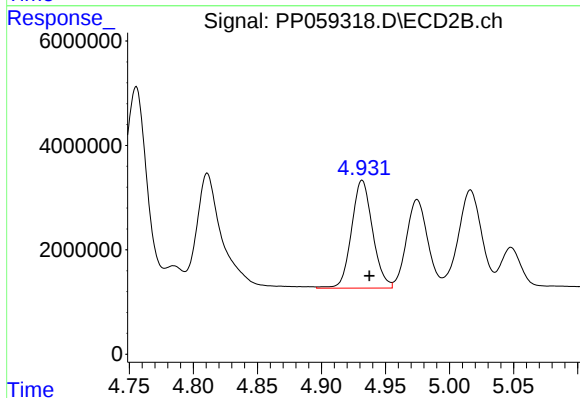
R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 43848536
Conc: 1033.71 ng/ml



#13 AR-1232-3

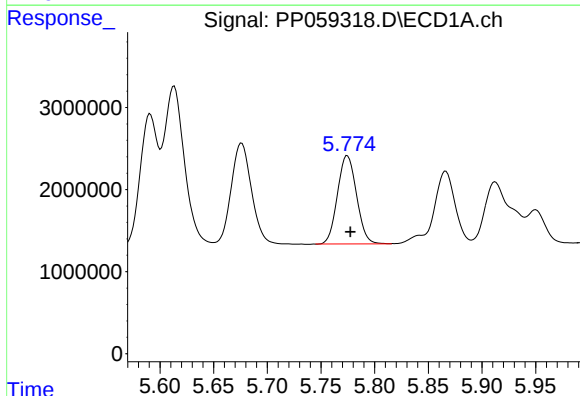
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 25662158
Conc: 971.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



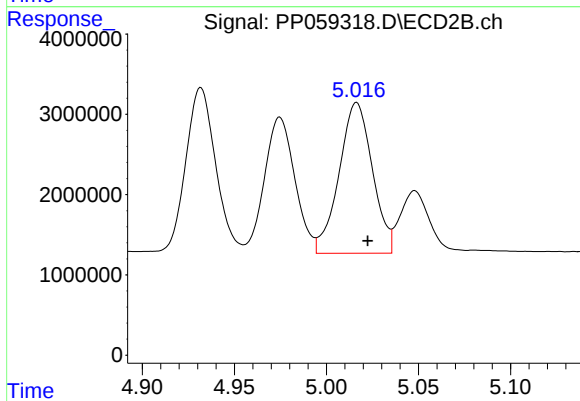
#13 AR-1232-3

R.T.: 4.932 min
Delta R.T.: -0.006 min
Response: 23634716
Conc: 1065.21 ng/ml



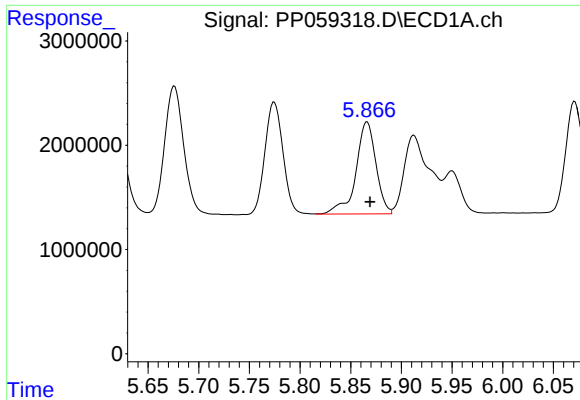
#14 AR-1232-4

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 13341162
Conc: 1008.06 ng/ml



#14 AR-1232-4

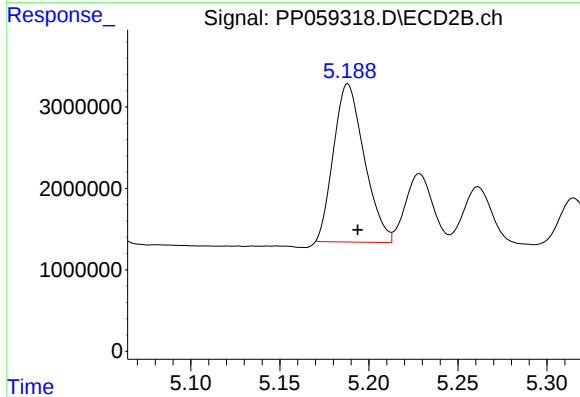
R.T.: 5.016 min
Delta R.T.: -0.006 min
Response: 23678810
Conc: 1121.46 ng/ml



#15 AR-1232-5

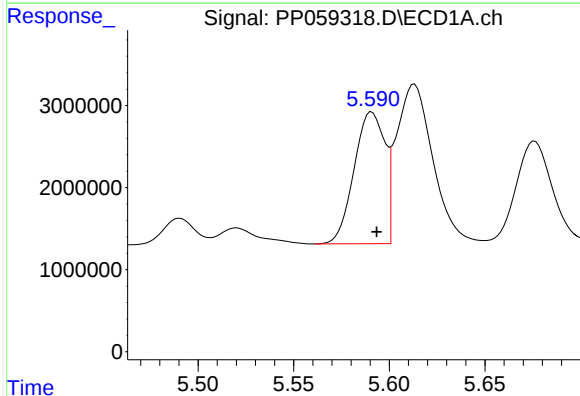
R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 12159071
Conc: 1065.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



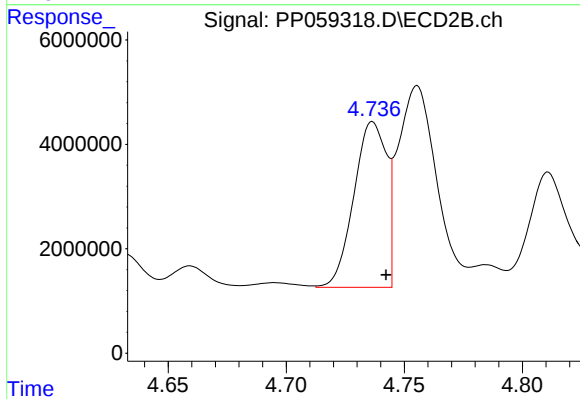
#15 AR-1232-5

R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 23337695
Conc: 1018.10 ng/ml



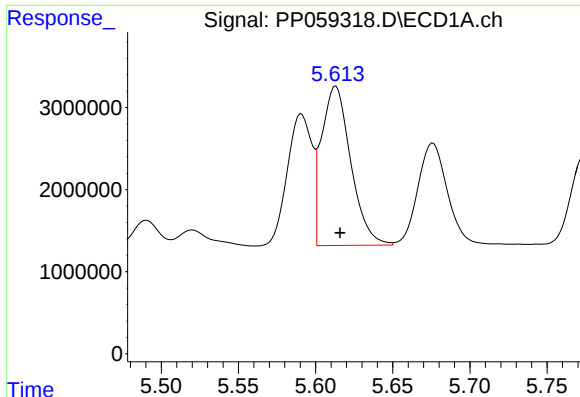
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.003 min
Response: 17893592
Conc: 522.73 ng/ml



#16 AR-1242-1

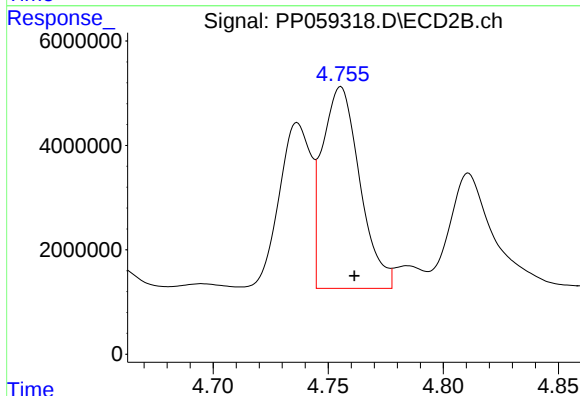
R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 30555981
Conc: 545.99 ng/ml



#17 AR-1242-2

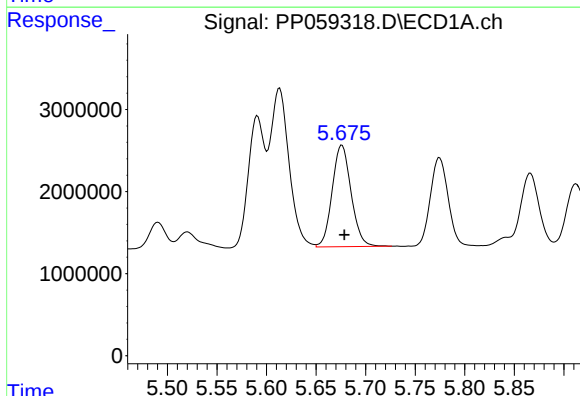
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 25662158
Conc: 522.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



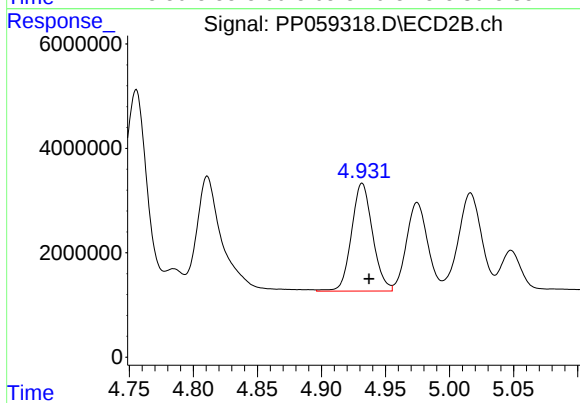
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: -0.006 min
Response: 43848536
Conc: 549.92 ng/ml



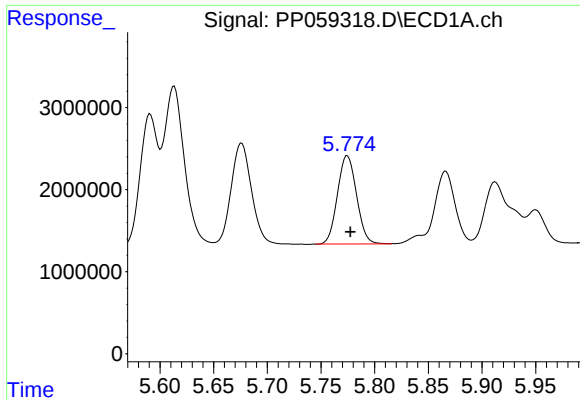
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 16454362
Conc: 523.72 ng/ml



#18 AR-1242-3

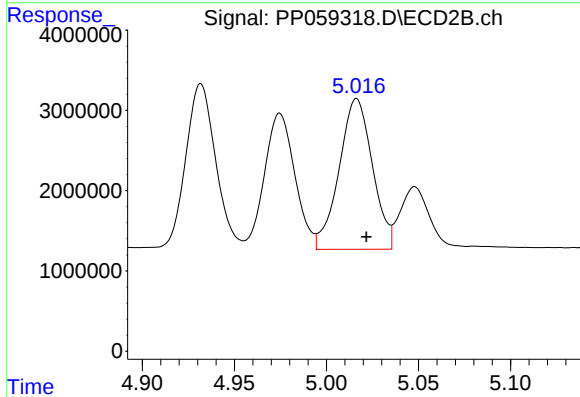
R.T.: 4.932 min
Delta R.T.: -0.005 min
Response: 23634716
Conc: 554.56 ng/ml



#19 AR-1242-4

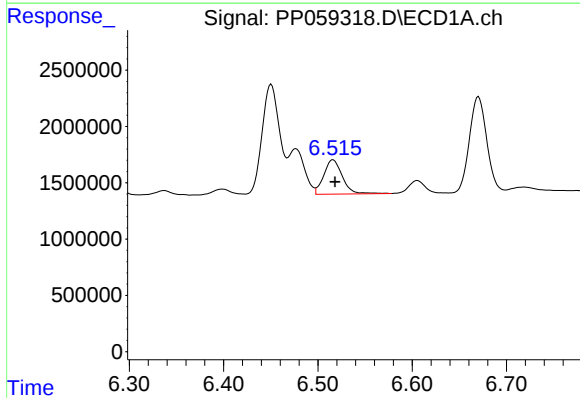
R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 13341162
Conc: 520.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



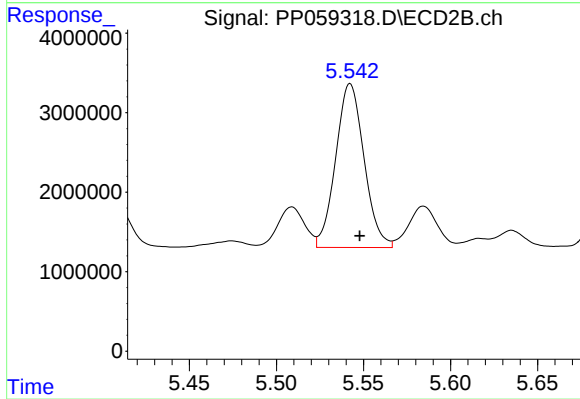
#19 AR-1242-4

R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 23678810
Conc: 542.27 ng/ml



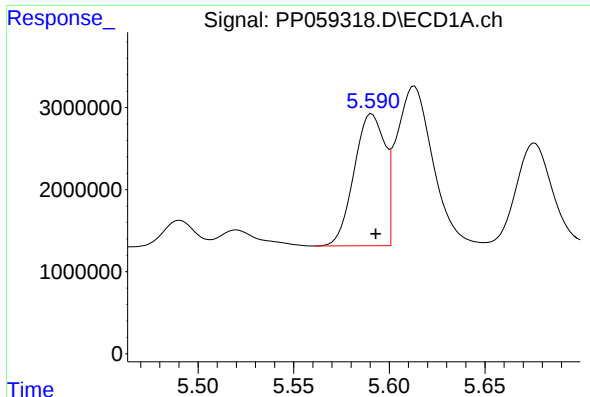
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 4182515
Conc: 161.90 ng/ml



#20 AR-1242-5

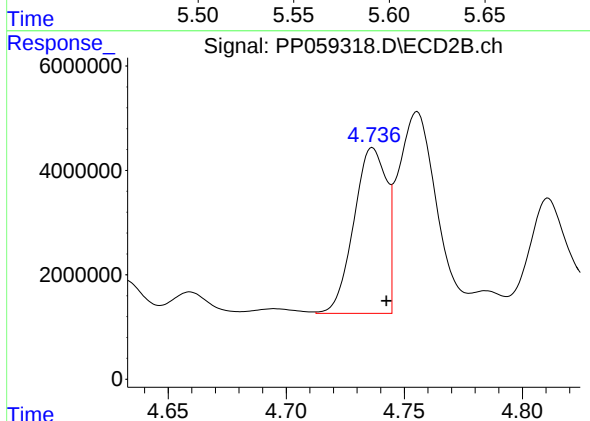
R.T.: 5.542 min
Delta R.T.: -0.005 min
Response: 23389473
Conc: 470.87 ng/ml



#21 AR-1248-1

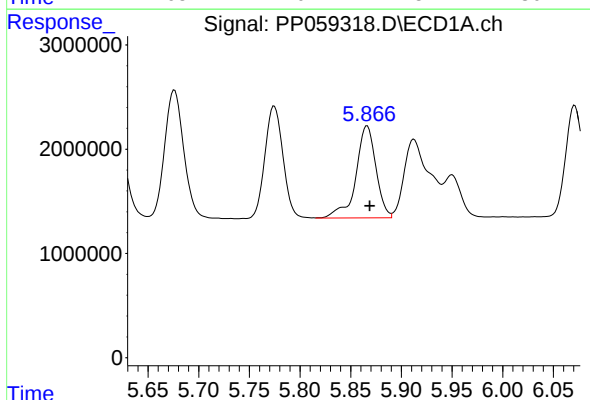
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 17893592
Conc: 705.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



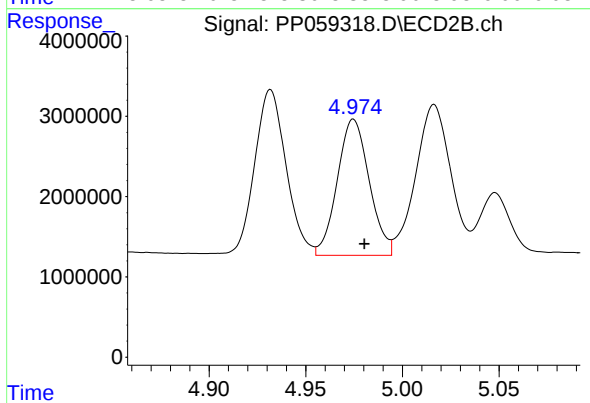
#21 AR-1248-1

R.T.: 4.737 min
Delta R.T.: -0.006 min
Response: 30555981
Conc: 742.77 ng/ml



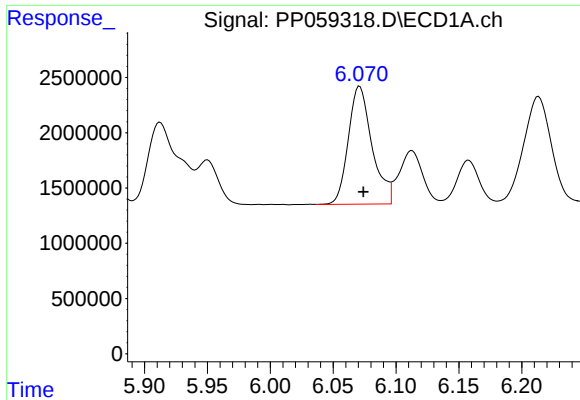
#22 AR-1248-2

R.T.: 5.866 min
Delta R.T.: -0.003 min
Response: 12159071
Conc: 314.14 ng/ml



#22 AR-1248-2

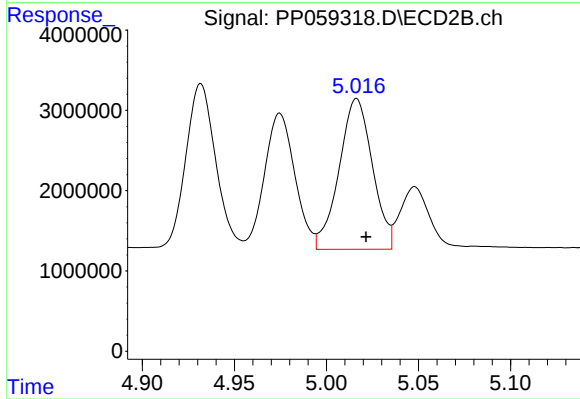
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 19510997
Conc: 324.01 ng/ml



#23 AR-1248-3

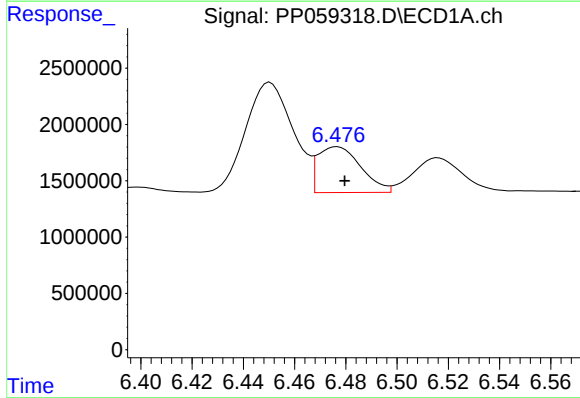
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 14012024
Conc: 331.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



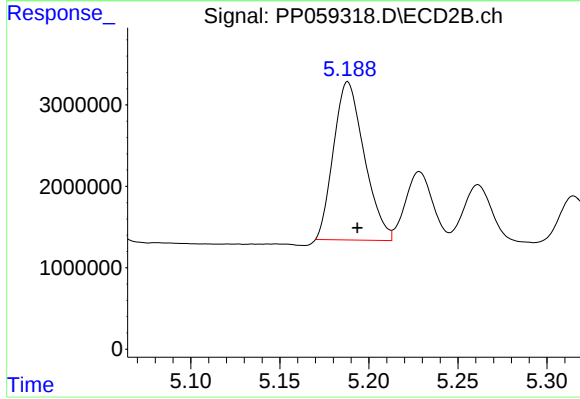
#23 AR-1248-3

R.T.: 5.016 min
Delta R.T.: -0.005 min
Response: 23678810
Conc: 384.33 ng/ml



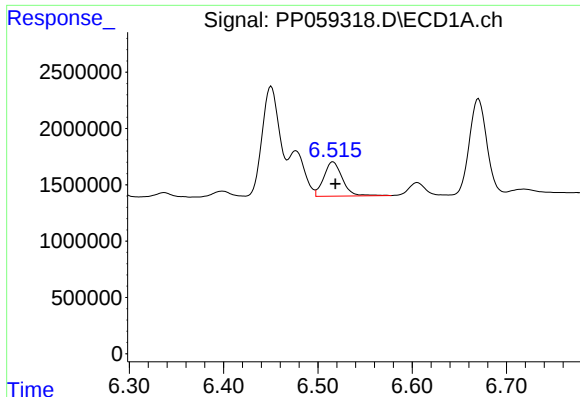
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 4771332
Conc: 114.60 ng/ml



#24 AR-1248-4

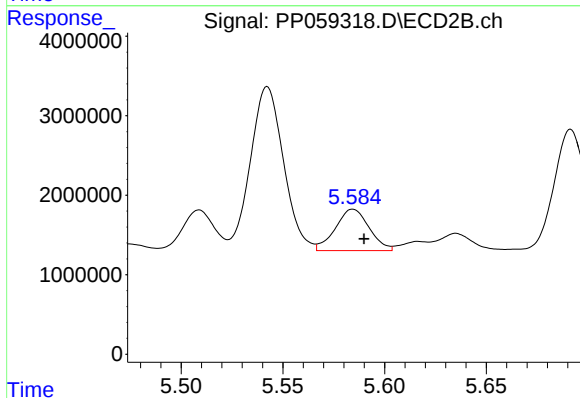
R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 23337695
Conc: 324.15 ng/ml



#25 AR-1248-5

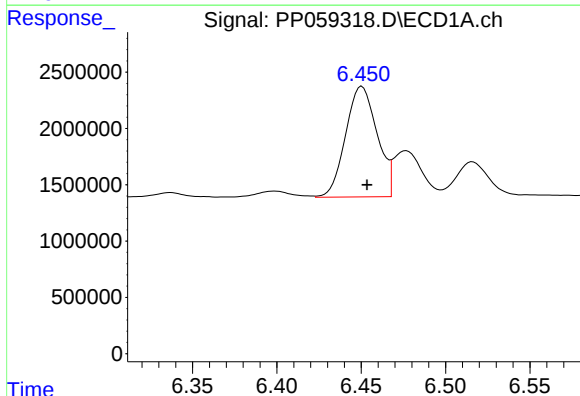
R.T.: 6.516 min
Delta R.T.: -0.003 min
Response: 4182515
Conc: 102.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



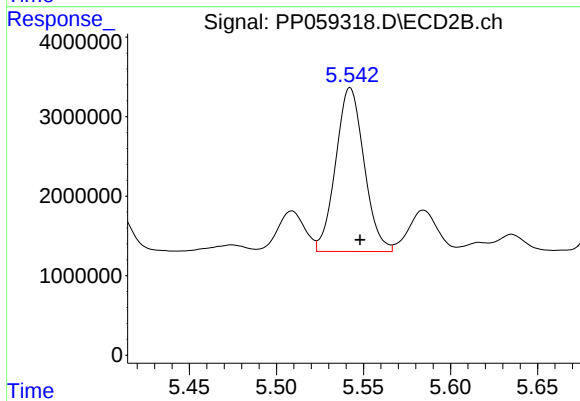
#25 AR-1248-5

R.T.: 5.584 min
Delta R.T.: -0.005 min
Response: 6034217
Conc: 91.45 ng/ml



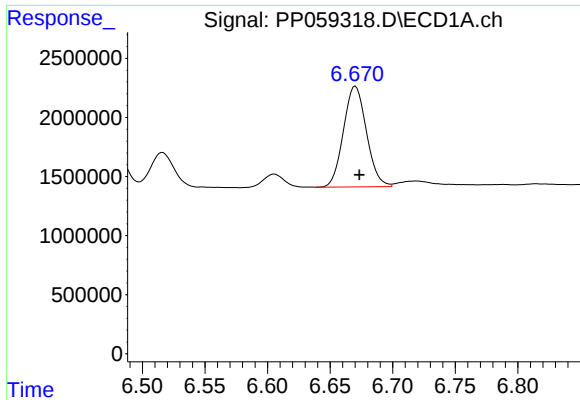
#26 AR-1254-1

R.T.: 6.450 min
Delta R.T.: -0.003 min
Response: 12763273
Conc: 273.22 ng/ml



#26 AR-1254-1

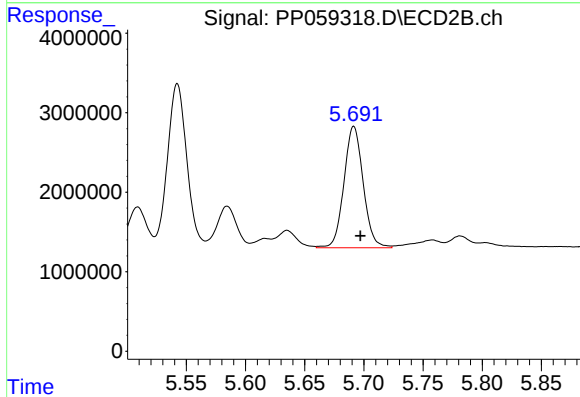
R.T.: 5.542 min
Delta R.T.: -0.006 min
Response: 23389473
Conc: 230.86 ng/ml



#27 AR-1254-2

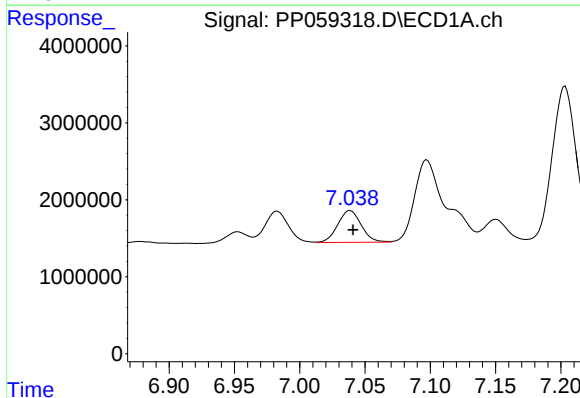
R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 10947625
Conc: 159.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



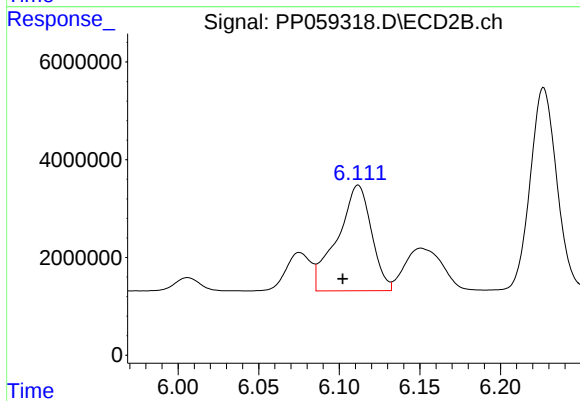
#27 AR-1254-2

R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 17274367
Conc: 195.68 ng/ml



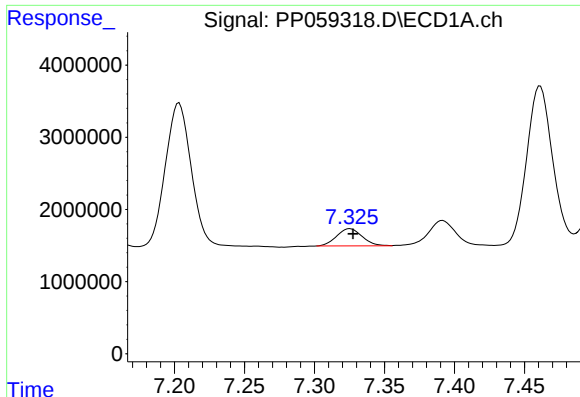
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 5194540
Conc: 75.26 ng/ml



#28 AR-1254-3

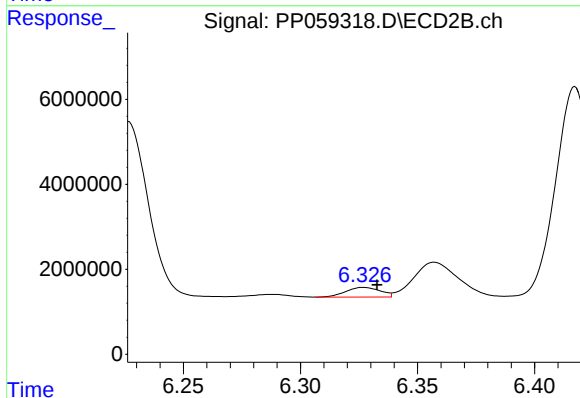
R.T.: 6.112 min
Delta R.T.: 0.010 min
Response: 31790218
Conc: 229.95 ng/ml



#29 AR-1254-4

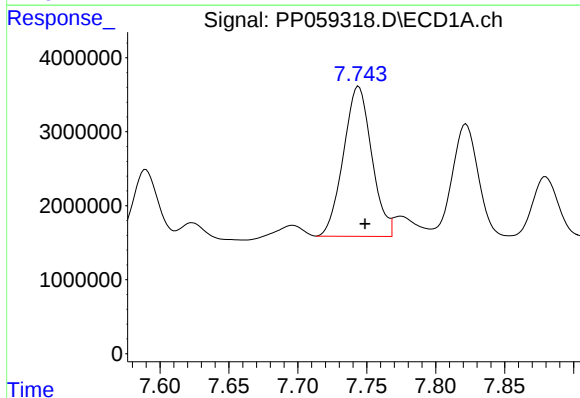
R.T.: 7.325 min
Delta R.T.: -0.002 min
Response: 3020764
Conc: 67.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



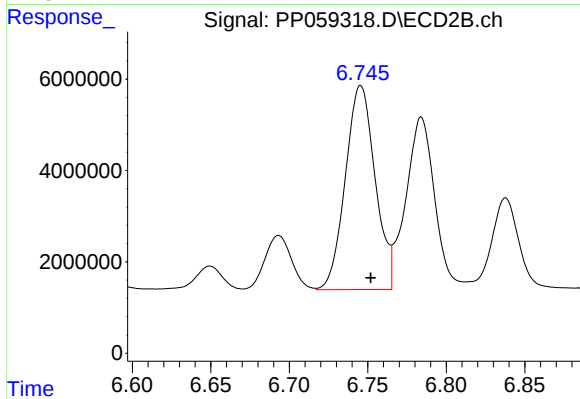
#29 AR-1254-4

R.T.: 6.327 min
Delta R.T.: -0.006 min
Response: 2377695
Conc: 29.58 ng/ml



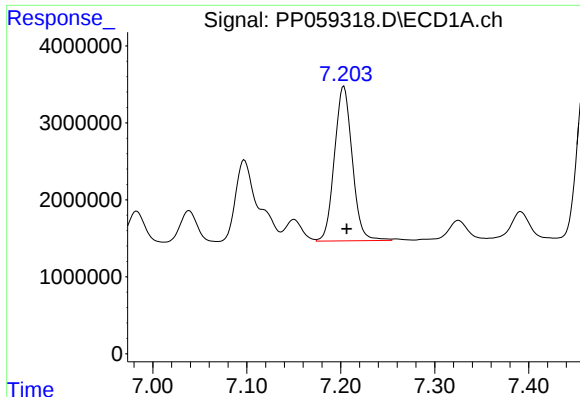
#30 AR-1254-5

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 28960398
Conc: 616.35 ng/ml



#30 AR-1254-5

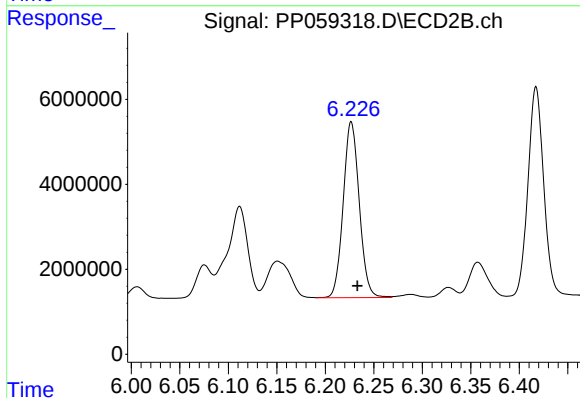
R.T.: 6.746 min
Delta R.T.: -0.006 min
Response: 58931527
Conc: 492.79 ng/ml



#31 AR-1260-1

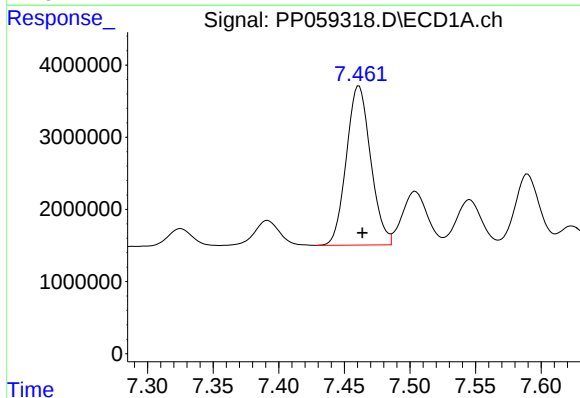
R.T.: 7.203 min
Delta R.T.: -0.003 min
Response: 26407134
Conc: 482.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



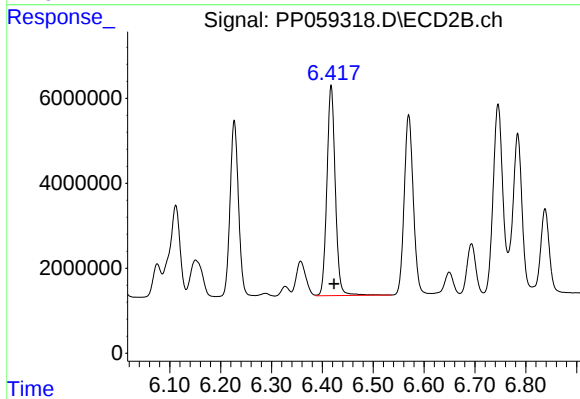
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 47645522
Conc: 481.08 ng/ml



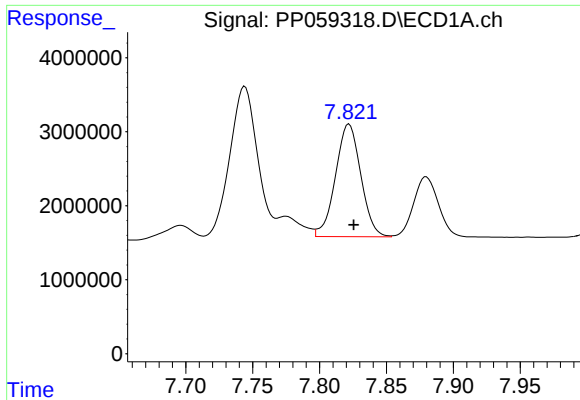
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 28410383
Conc: 477.17 ng/ml



#32 AR-1260-2

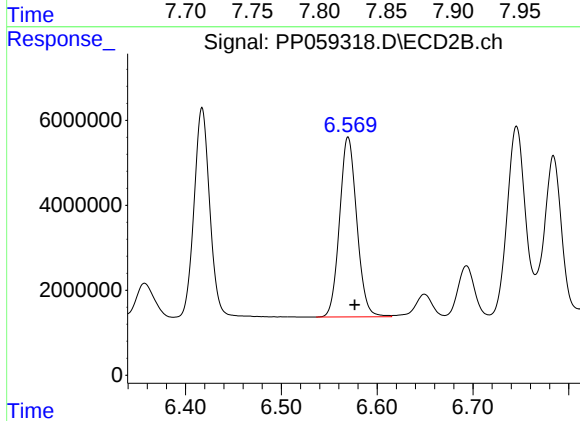
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 56859368
Conc: 491.40 ng/ml



#33 AR-1260-3

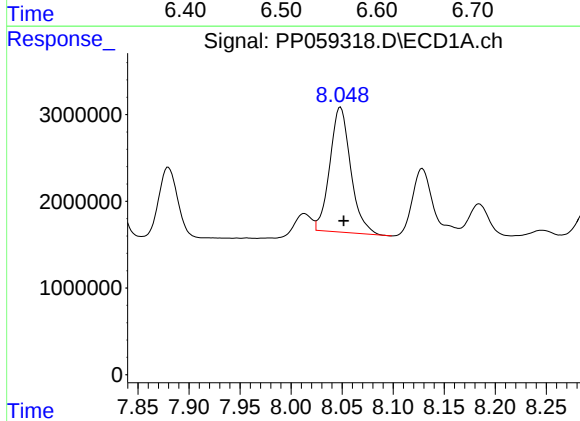
R.T.: 7.822 min
Delta R.T.: -0.004 min
Response: 20090879
Conc: 510.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



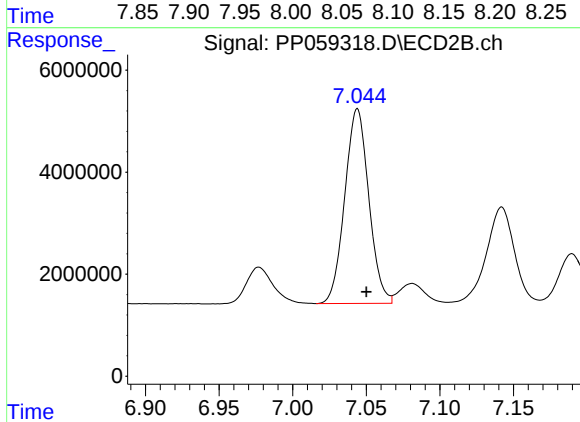
#33 AR-1260-3

R.T.: 6.570 min
Delta R.T.: -0.007 min
Response: 52808478
Conc: 474.75 ng/ml



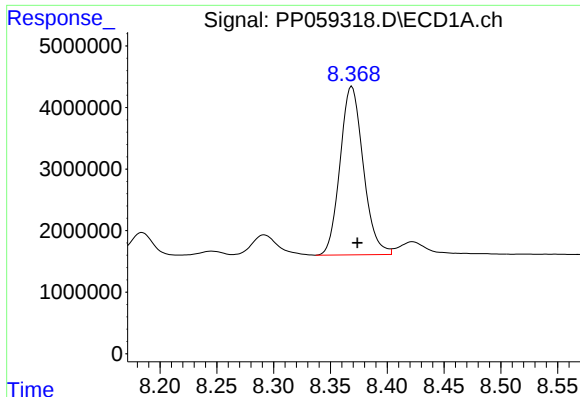
#34 AR-1260-4

R.T.: 8.048 min
Delta R.T.: -0.003 min
Response: 20497935
Conc: 461.52 ng/ml



#34 AR-1260-4

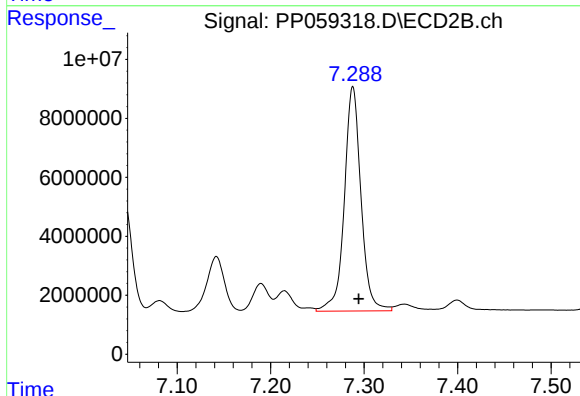
R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 43408805
Conc: 500.71 ng/ml



#35 AR-1260-5

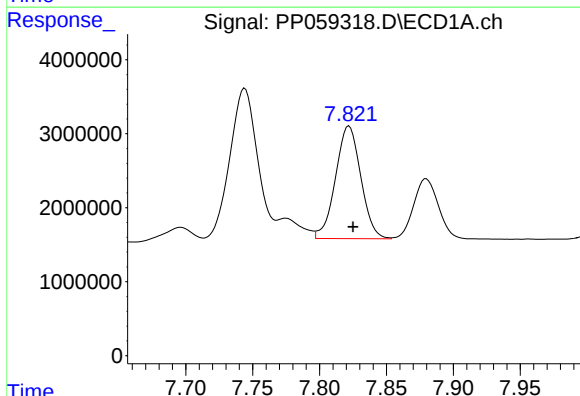
R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 38867643
Conc: 486.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



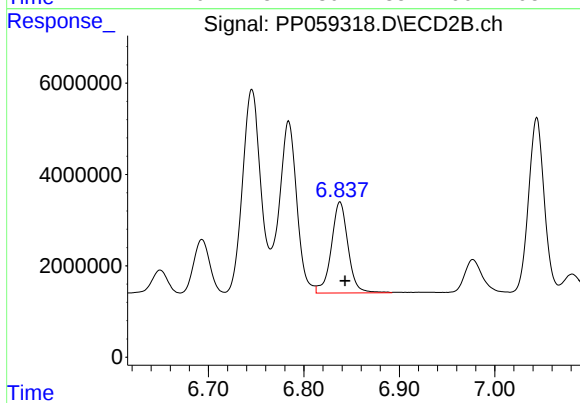
#35 AR-1260-5

R.T.: 7.288 min
Delta R.T.: -0.006 min
Response: 94182842
Conc: 510.96 ng/ml



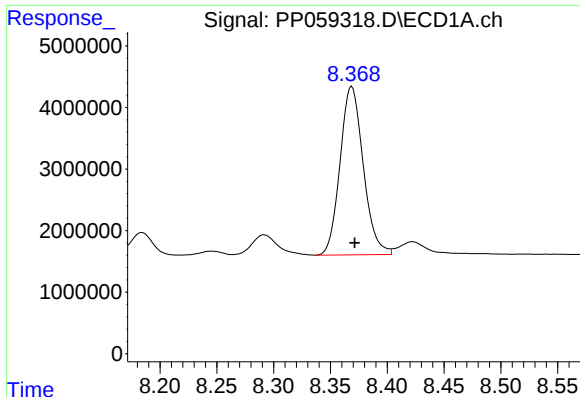
#36 AR-1262-1

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 20090879
Conc: 315.44 ng/ml



#36 AR-1262-1

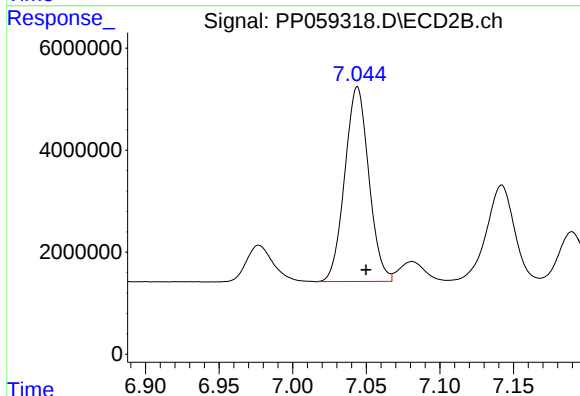
R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 24363999
Conc: 423.47 ng/ml



#37 AR-1262-2

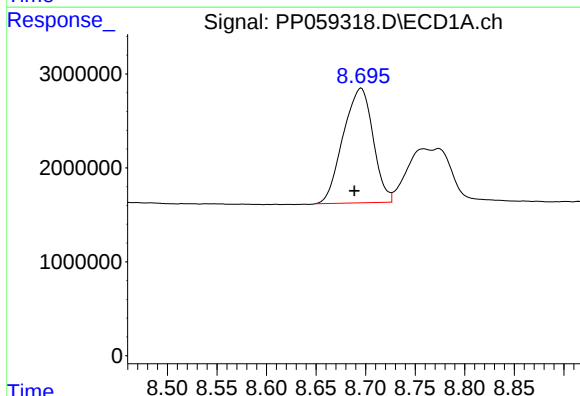
R.T.: 8.369 min
Delta R.T.: -0.003 min
Response: 38867643
Conc: 423.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



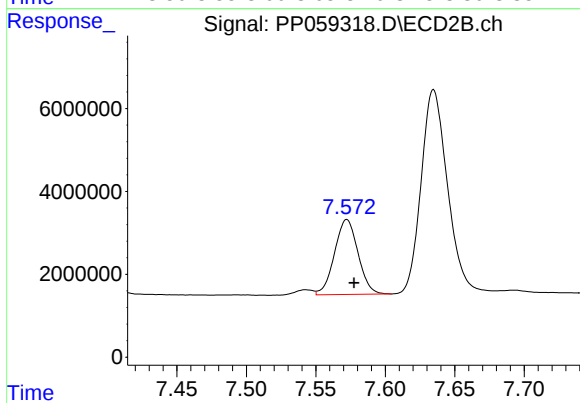
#37 AR-1262-2

R.T.: 7.044 min
Delta R.T.: -0.006 min
Response: 43408805
Conc: 367.88 ng/ml



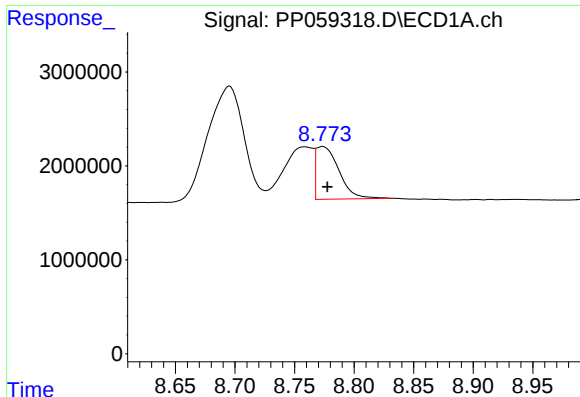
#38 AR-1262-3

R.T.: 8.696 min
Delta R.T.: 0.007 min
Response: 25654983
Conc: 398.66 ng/ml



#38 AR-1262-3

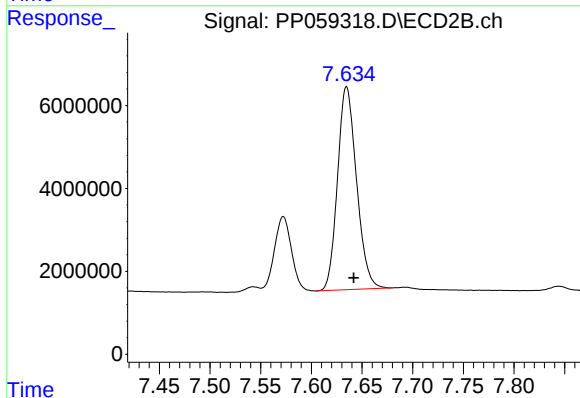
R.T.: 7.572 min
Delta R.T.: -0.005 min
Response: 21311147
Conc: 250.43 ng/ml



#39 AR-1262-4

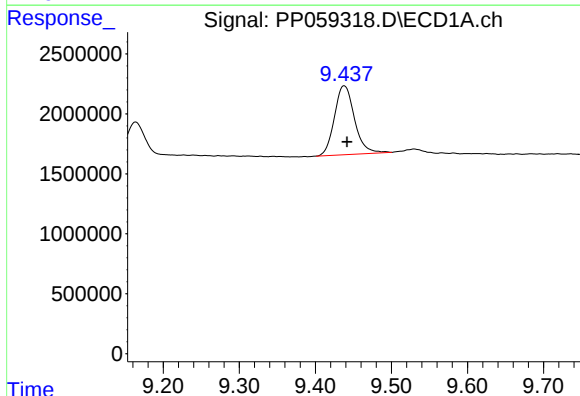
R.T.: 8.773 min
Delta R.T.: -0.004 min
Response: 7525941
Conc: 226.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



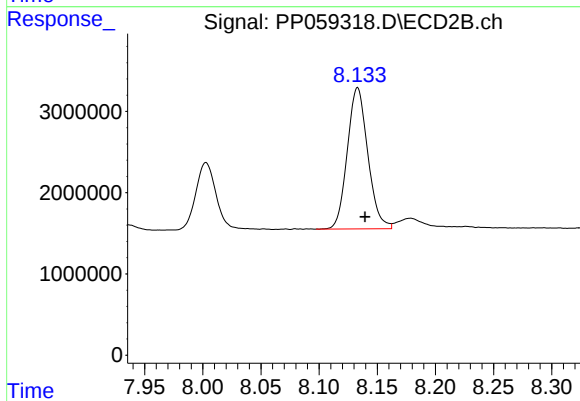
#39 AR-1262-4

R.T.: 7.635 min
Delta R.T.: -0.007 min
Response: 63994366
Conc: 423.63 ng/ml



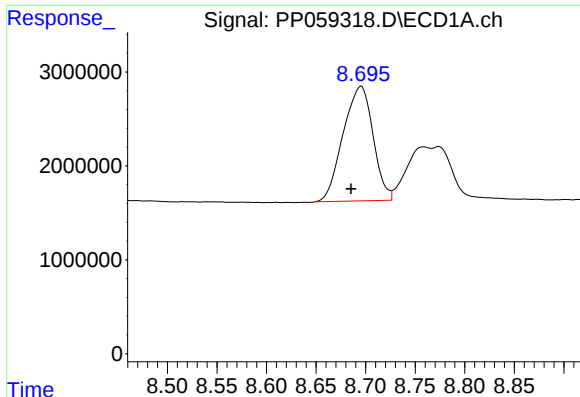
#40 AR-1262-5

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 10514317
Conc: 352.34 ng/ml



#40 AR-1262-5

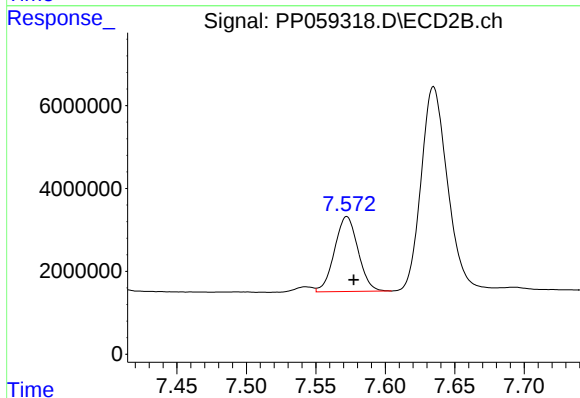
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 21382137
Conc: 335.27 ng/ml



#41 AR-1268-1

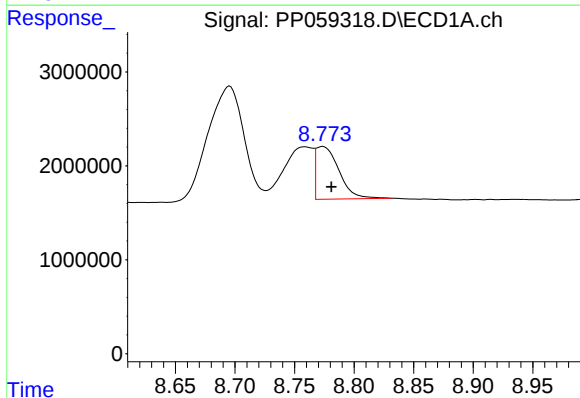
R.T.: 8.696 min
Delta R.T.: 0.010 min
Response: 25654983
Conc: 225.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



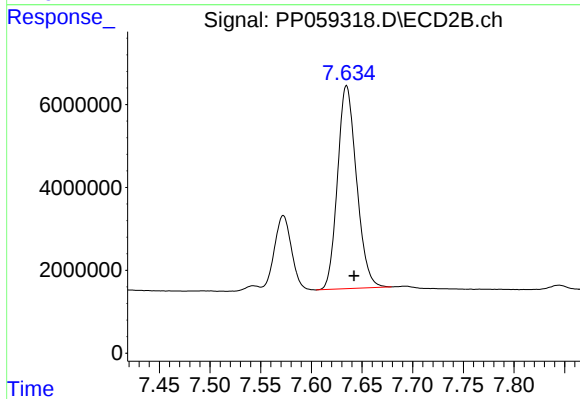
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: -0.005 min
Response: 21311147
Conc: 87.39 ng/ml



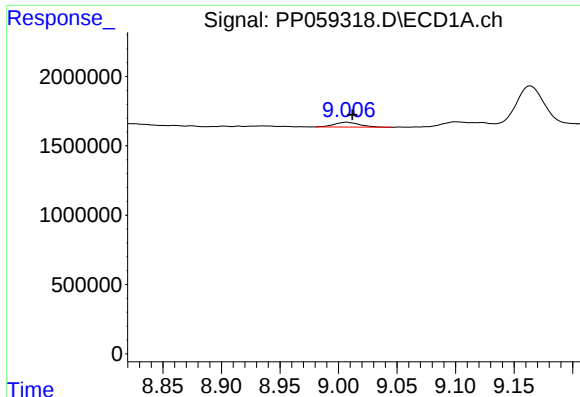
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.008 min
Response: 7525941
Conc: 76.47 ng/ml



#42 AR-1268-2

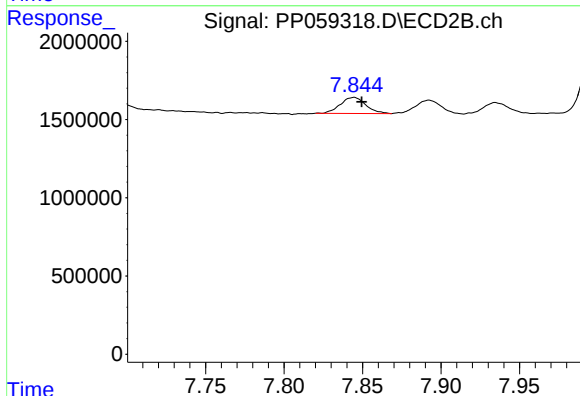
R.T.: 7.635 min
Delta R.T.: -0.008 min
Response: 63994366
Conc: 292.18 ng/ml



#43 AR-1268-3

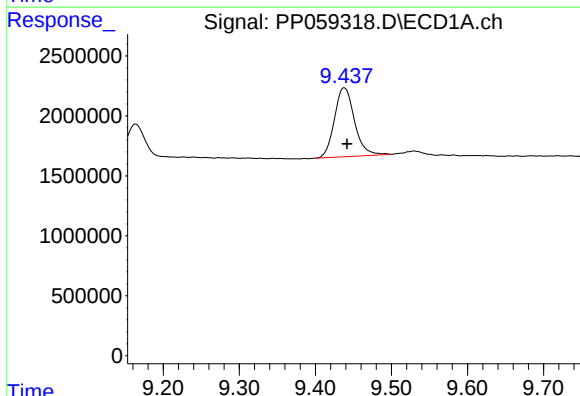
R.T.: 9.007 min
Delta R.T.: -0.005 min
Response: 528736
Conc: 5.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



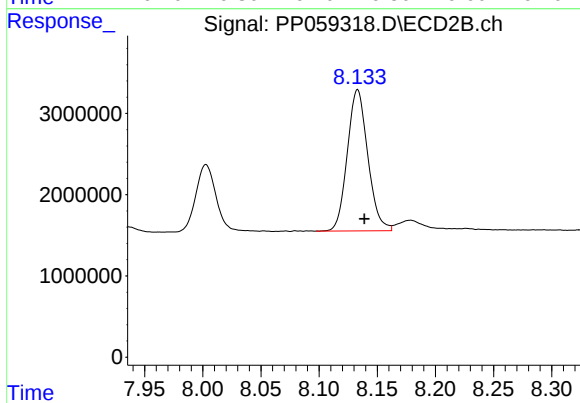
#43 AR-1268-3

R.T.: 7.844 min
Delta R.T.: -0.005 min
Response: 1159927
Conc: 5.93 ng/ml



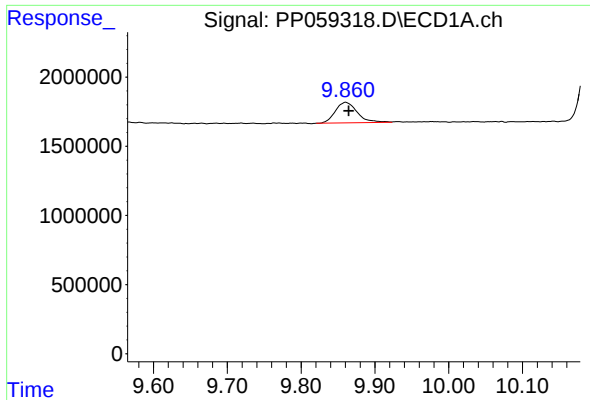
#44 AR-1268-4

R.T.: 9.438 min
Delta R.T.: -0.004 min
Response: 10514317
Conc: 329.59 ng/ml



#44 AR-1268-4

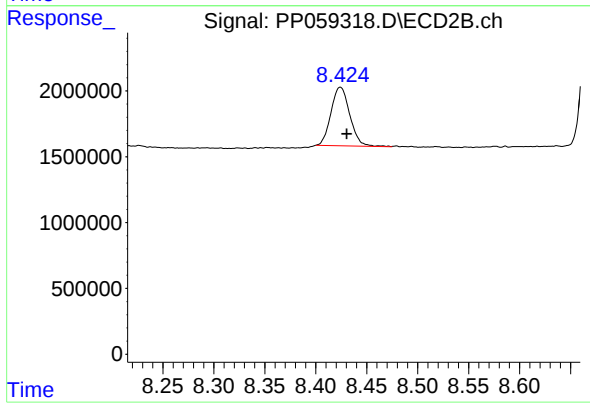
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 21382137
Conc: 307.26 ng/ml



#45 AR-1268-5

R.T.: 9.861 min
Delta R.T.: -0.004 min
Response: 3080886
Conc: 11.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.424 min
Delta R.T.: -0.006 min
Response: 5690891
Conc: 10.98 ng/ml