

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081423\
 Data File : PP059354.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 14 Aug 2023 21:03
 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 15 00:19:48 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...	4.415	3.645	59535175	105.0E6	48.520	51.810
2)	SA Decachlor...	10.204	8.679	43692209	76759236	57.246	54.563
Target Compounds							
3)	L1 AR-1016-1	5.591	4.738	20188972	36045069	513.868	561.994
4)	L1 AR-1016-2	5.614	4.756	28832213	51476837	508.615	566.679
5)	L1 AR-1016-3	5.676	4.933	18468536	29107898	514.813	605.814
6)	L1 AR-1016-4	5.776	4.975	15151777	22440964	523.069	543.479
7)	L1 AR-1016-5	6.073	5.189	15665686	28120075	517.640	540.435
8)	L2 AR-1221-1	4.621	3.859	2388156	4857019	151.589	178.922
9)	L2 AR-1221-2	4.712	3.946	3357247	6510024	284.297	326.976
10)	L2 AR-1221-3	4.789	4.023	12139698	21293442	344.750	357.671
11)	L3 AR-1232-1	4.789	4.023	12139698	21293442	412.964	448.771
12)	L3 AR-1232-2	5.322	4.756	16059223	51476837	1030.293	1213.547
13)	L3 AR-1232-3	5.614	4.933	28832213	29107898	1091.895	1311.889
14)	L3 AR-1232-4	5.776	5.017	15151777	28164447	1144.868	1333.904
15)	L3 AR-1232-5	5.867	5.189	13666621	28120075	1197.298	1226.734
16)	L4 AR-1242-1	5.591	4.738	20188972	36045069	589.782	644.069
17)	L4 AR-1242-2	5.614	4.756	28832213	51476837	587.572	645.585
18)	L4 AR-1242-3	5.676	4.933	18468536	29107898	587.826	682.976
19)	L4 AR-1242-4	5.776	5.017	15151777	28164447	590.844	644.997
20)	L4 AR-1242-5	6.516	5.543	4482893	28016541	173.525	564.022 #
21)	L5 AR-1248-1	5.591	4.738	20188972	36045069	795.455	876.201
22)	L5 AR-1248-2	5.867	4.975	13666621	22440964	353.094	372.666
23)	L5 AR-1248-3	6.073	5.017	15665686	28164447	370.821	457.142
24)	L5 AR-1248-4	6.477	5.189	5242725	28120075	125.922	390.578 #
25)	L5 AR-1248-5	6.516	5.584	4482893	7968755	109.898	120.766
26)	L6 AR-1254-1	6.451	5.543	14098292	28016541	301.795	276.528
27)	L6 AR-1254-2	6.670	5.692	12245240	20596991	177.962	233.319 #
28)	L6 AR-1254-3	7.039	6.112	6170825	36780584	89.406	266.052 #
29)	L6 AR-1254-4	7.325	6.327	3479822	3251129	77.302	40.447 #
30)	L6 AR-1254-5	7.744	6.745	33023354	66145965	702.818	553.120
31)	L7 AR-1260-1	7.203	6.227	29427197	54525042	537.884	550.543
32)	L7 AR-1260-2	7.461	6.417	32020604	64776625	537.811	559.823
33)	L7 AR-1260-3	7.822	6.570	22219423	59088785	564.590	531.213
34)	L7 AR-1260-4	8.048	7.043	22767522	47873089	512.623	552.200
35)	L7 AR-1260-5	8.369	7.287	44621350	104.0E6	557.978	564.136
36)	L8 AR-1262-1	7.822	6.837	22219423	26739471	348.859	464.753 #
37)	L8 AR-1262-2	8.369	7.043	44621350	47873089	485.881	405.712
38)	L8 AR-1262-3	8.696	7.572	29328333	22901148	455.742	269.110 #
39)	L8 AR-1262-4	8.773	7.635	8733500	70879024	263.004	469.207 #
40)	L8 AR-1262-5	9.437	8.133	12580592	24009784	421.581	376.472
41)	L9 AR-1268-1	8.696	7.572	29328333	22901148	258.245	93.915 #

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 Sample : AR1660CCC500
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 ALS Vial : 3 Sample Multiplier: 1

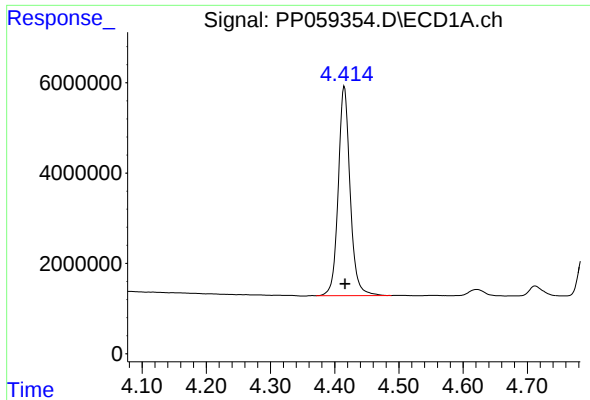
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 15 00:19:48 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	8733500	70879024	88.740	323.618 #
43) L9	AR-1268-3	9.009	7.843	636878	1196711	6.870	6.120
44) L9	AR-1268-4	9.437	8.133	12580592	24009784	394.367	345.017
45) L9	AR-1268-5	9.860	8.423	3671619	6217952	13.525	11.994

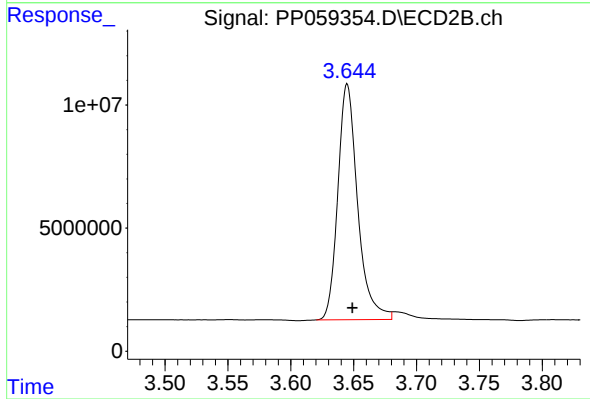
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

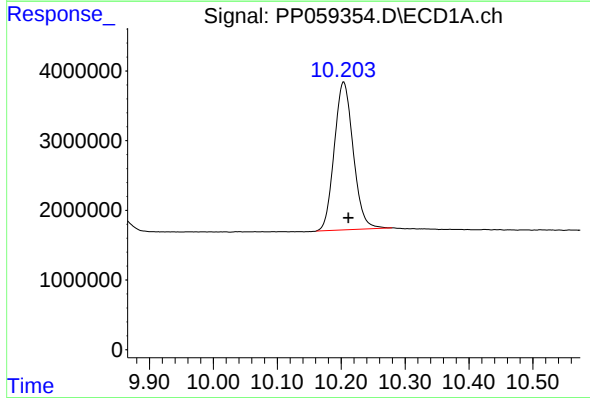
R.T.: 4.415 min
Delta R.T.: 0.000 min
Response: 59535175
Conc: 48.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



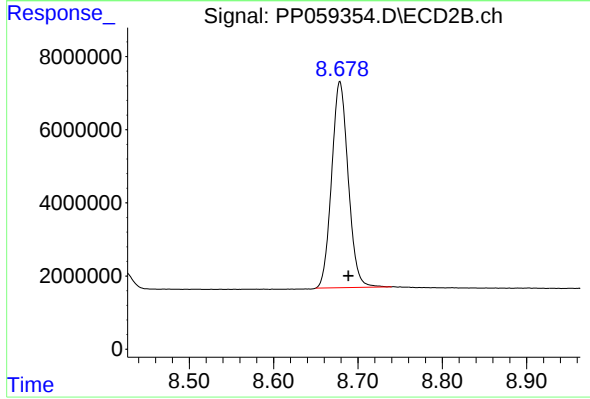
#1 Tetrachloro-m-xylene

R.T.: 3.645 min
Delta R.T.: -0.004 min
Response: 104974068
Conc: 51.81 ng/ml



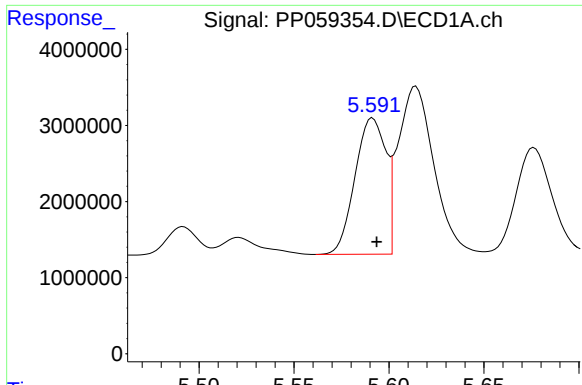
#2 Decachlorobiphenyl

R.T.: 10.204 min
Delta R.T.: -0.007 min
Response: 43692209
Conc: 57.25 ng/ml



#2 Decachlorobiphenyl

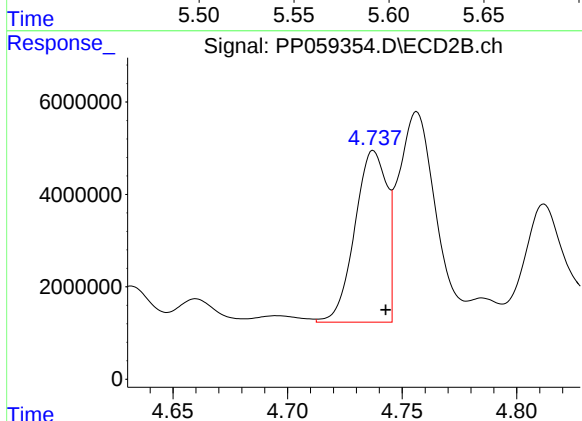
R.T.: 8.679 min
Delta R.T.: -0.010 min
Response: 76759236
Conc: 54.56 ng/ml



#3 AR-1016-1

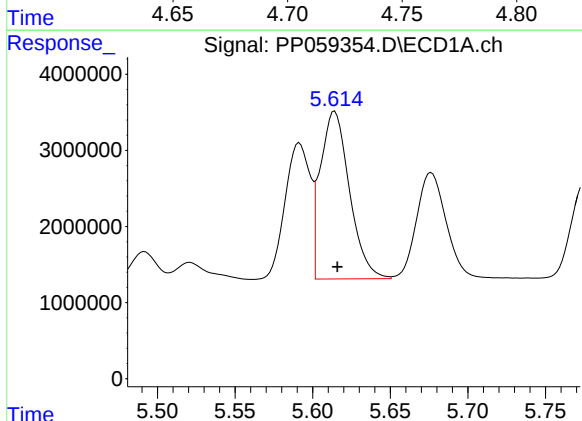
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 20188972
Conc: 513.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



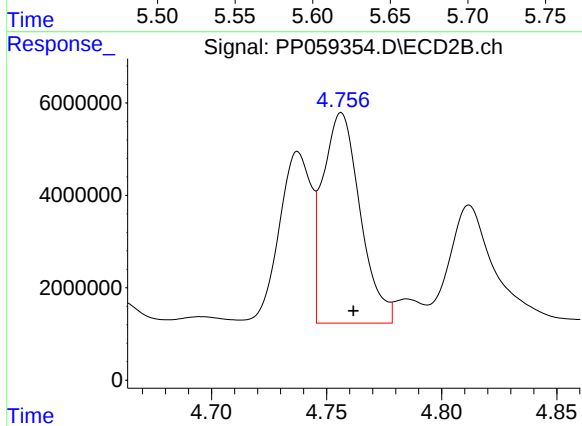
#3 AR-1016-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 36045069
Conc: 561.99 ng/ml



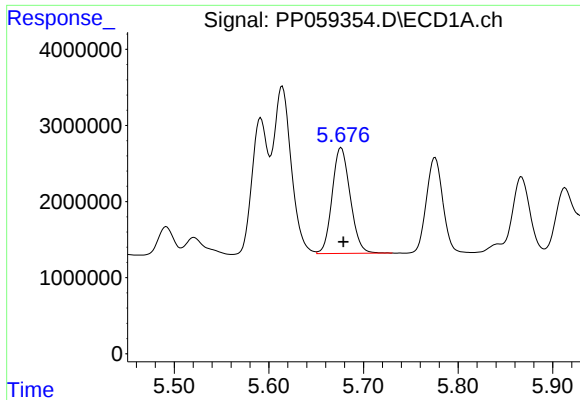
#4 AR-1016-2

R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28832213
Conc: 508.62 ng/ml



#4 AR-1016-2

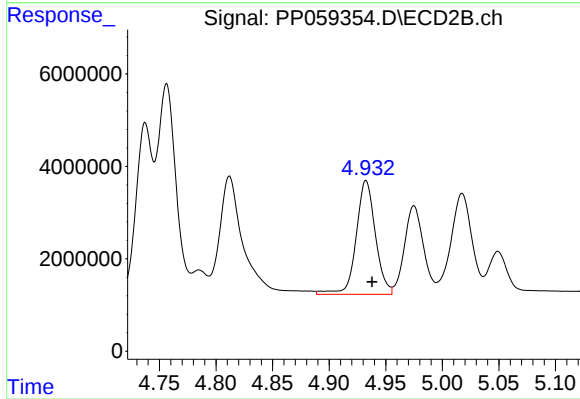
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 51476837
Conc: 566.68 ng/ml



#5 AR-1016-3

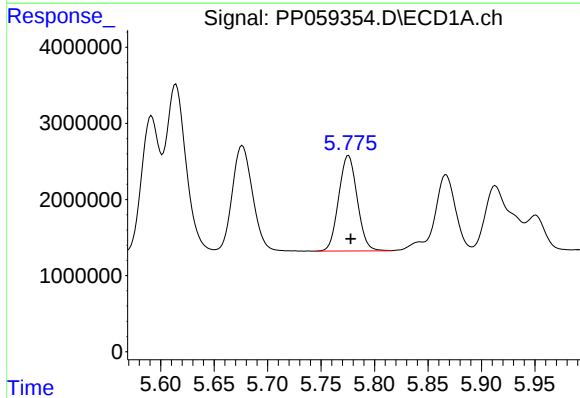
R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 18468536
Conc: 514.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



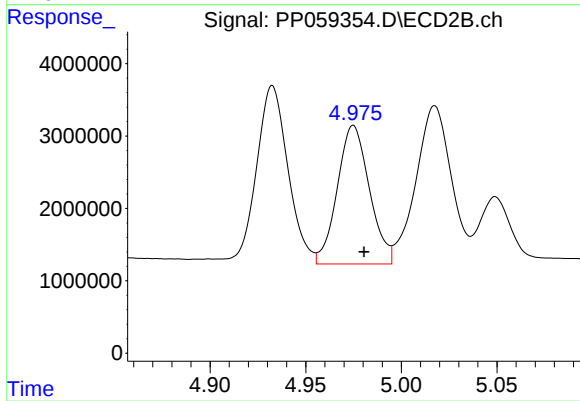
#5 AR-1016-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 29107898
Conc: 605.81 ng/ml



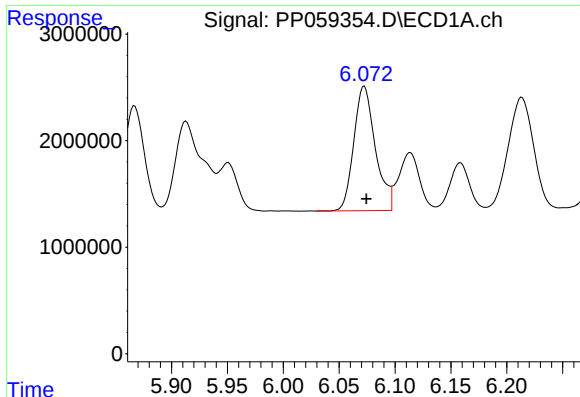
#6 AR-1016-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 15151777
Conc: 523.07 ng/ml



#6 AR-1016-4

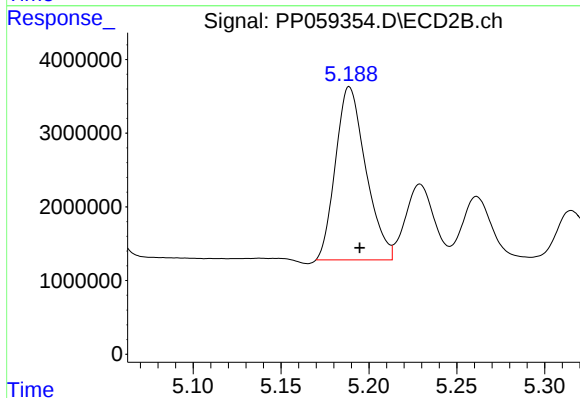
R.T.: 4.975 min
Delta R.T.: -0.006 min
Response: 22440964
Conc: 543.48 ng/ml



#7 AR-1016-5

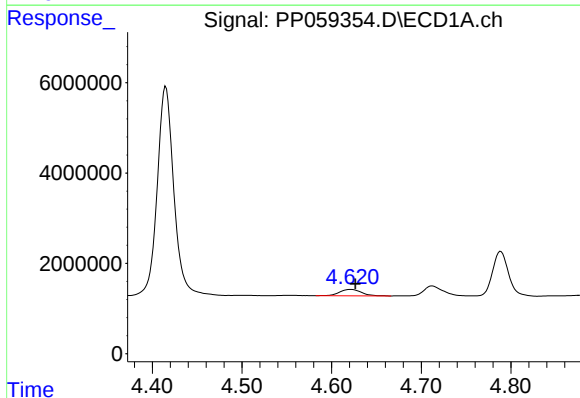
R.T.: 6.073 min
Delta R.T.: -0.002 min
Response: 15665686
Conc: 517.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



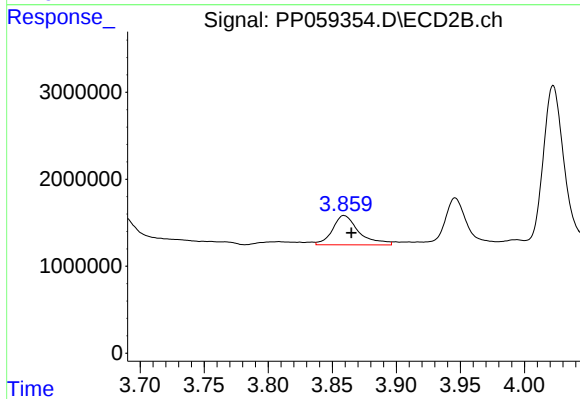
#7 AR-1016-5

R.T.: 5.189 min
Delta R.T.: -0.006 min
Response: 28120075
Conc: 540.44 ng/ml



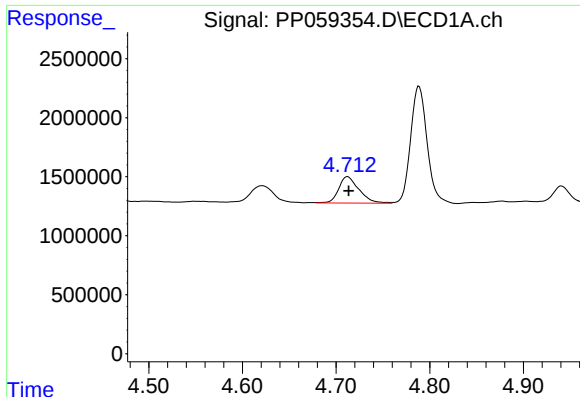
#8 AR-1221-1

R.T.: 4.621 min
Delta R.T.: -0.005 min
Response: 2388156
Conc: 151.59 ng/ml



#8 AR-1221-1

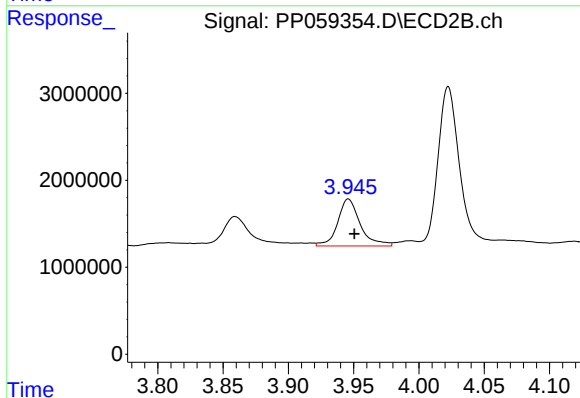
R.T.: 3.859 min
Delta R.T.: -0.006 min
Response: 4857019
Conc: 178.92 ng/ml



#9 AR-1221-2

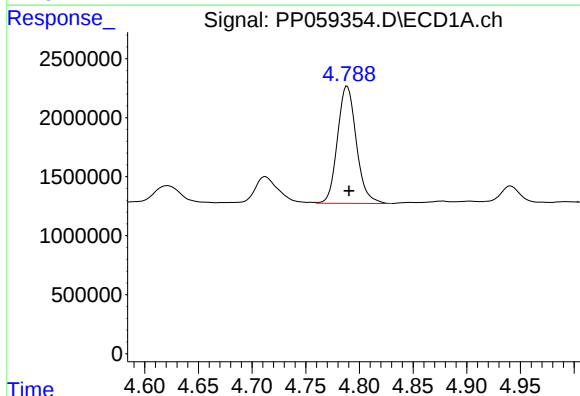
R.T.: 4.712 min
Delta R.T.: -0.001 min
Response: 3357247
Conc: 284.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



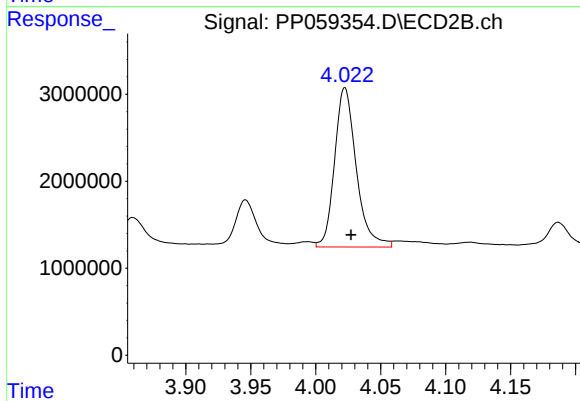
#9 AR-1221-2

R.T.: 3.946 min
Delta R.T.: -0.005 min
Response: 6510024
Conc: 326.98 ng/ml



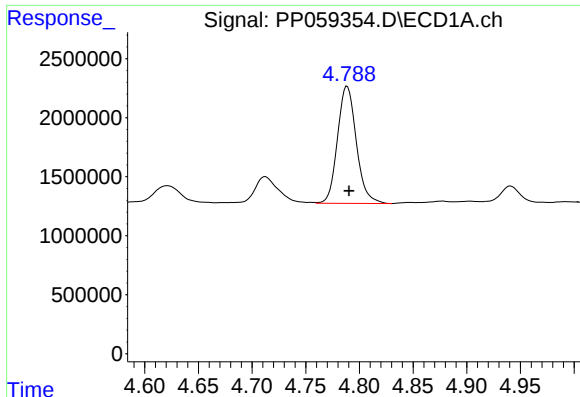
#10 AR-1221-3

R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 12139698
Conc: 344.75 ng/ml



#10 AR-1221-3

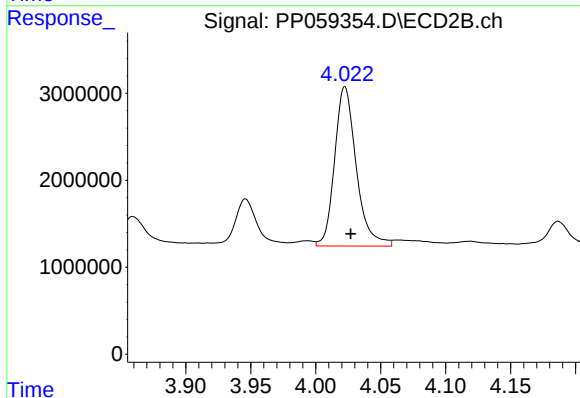
R.T.: 4.023 min
Delta R.T.: -0.005 min
Response: 21293442
Conc: 357.67 ng/ml



#11 AR-1232-1

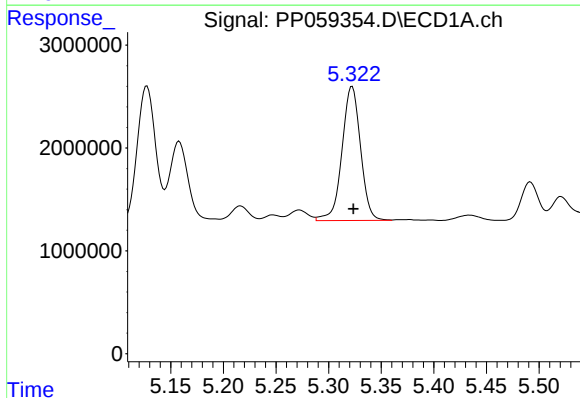
R.T.: 4.789 min
Delta R.T.: -0.002 min
Response: 12139698
Conc: 412.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



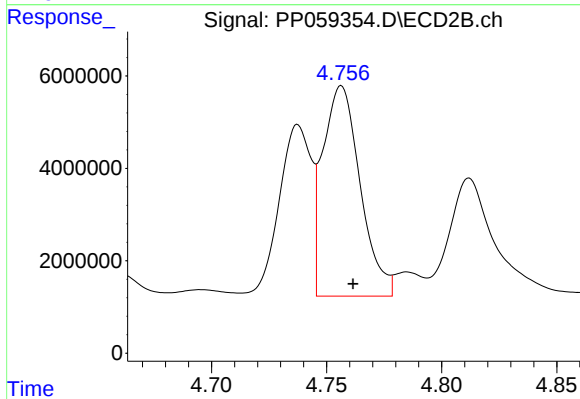
#11 AR-1232-1

R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 21293442
Conc: 448.77 ng/ml



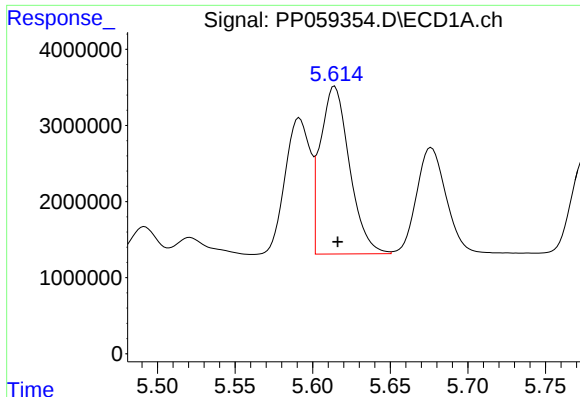
#12 AR-1232-2

R.T.: 5.322 min
Delta R.T.: -0.001 min
Response: 16059223
Conc: 1030.29 ng/ml



#12 AR-1232-2

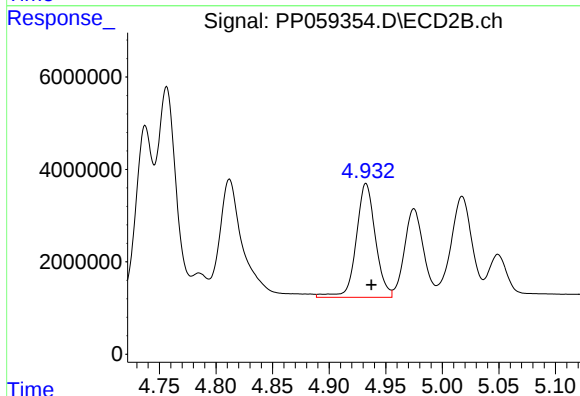
R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 51476837
Conc: 1213.55 ng/ml



#13 AR-1232-3

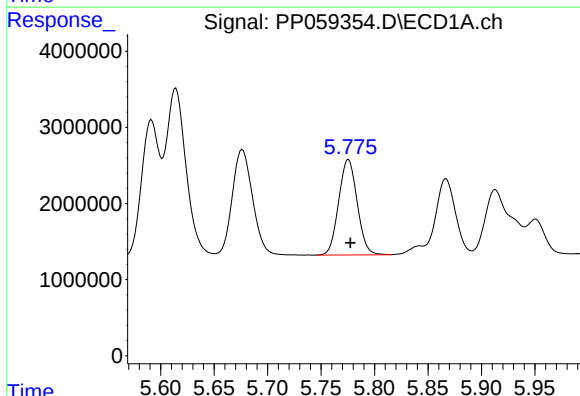
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28832213
Conc: 1091.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



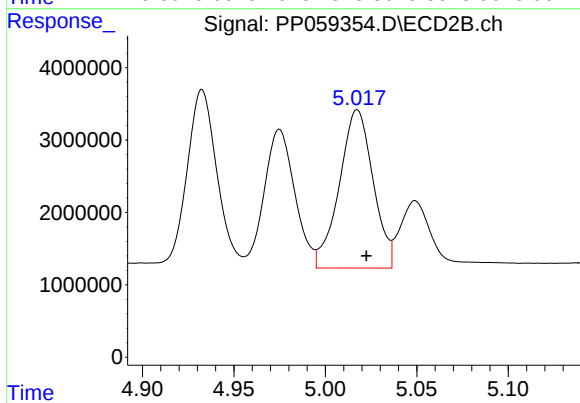
#13 AR-1232-3

R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 29107898
Conc: 1311.89 ng/ml



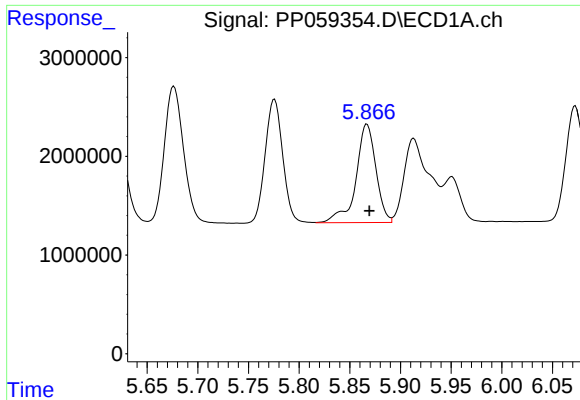
#14 AR-1232-4

R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 15151777
Conc: 1144.87 ng/ml



#14 AR-1232-4

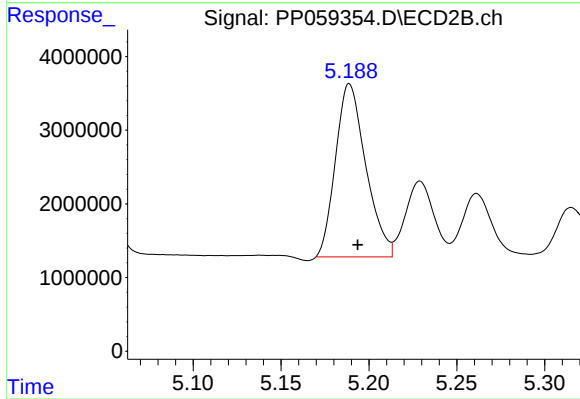
R.T.: 5.017 min
Delta R.T.: -0.005 min
Response: 28164447
Conc: 1333.90 ng/ml



#15 AR-1232-5

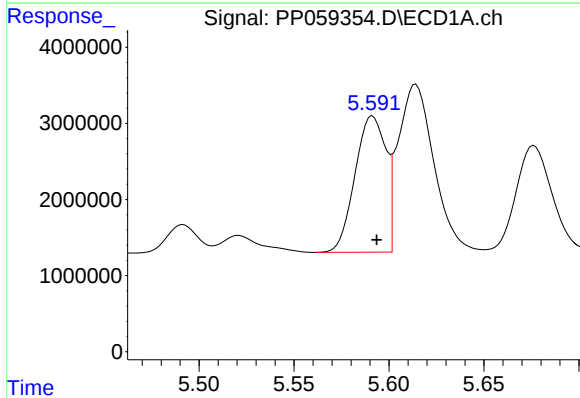
R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 13666621
Conc: 1197.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



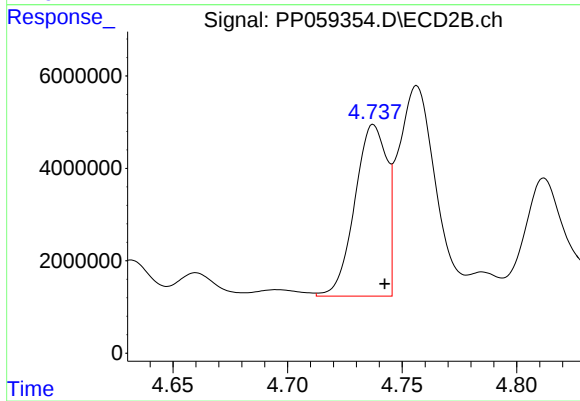
#15 AR-1232-5

R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 28120075
Conc: 1226.73 ng/ml



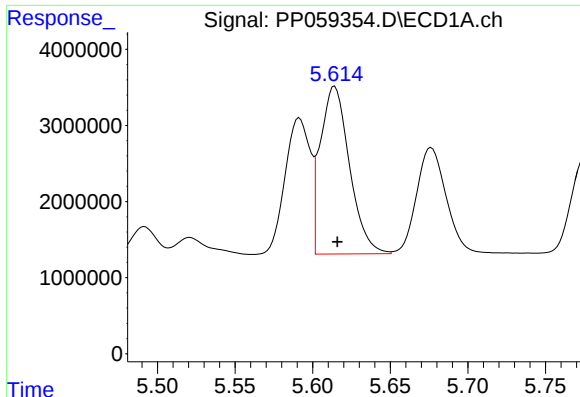
#16 AR-1242-1

R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 20188972
Conc: 589.78 ng/ml



#16 AR-1242-1

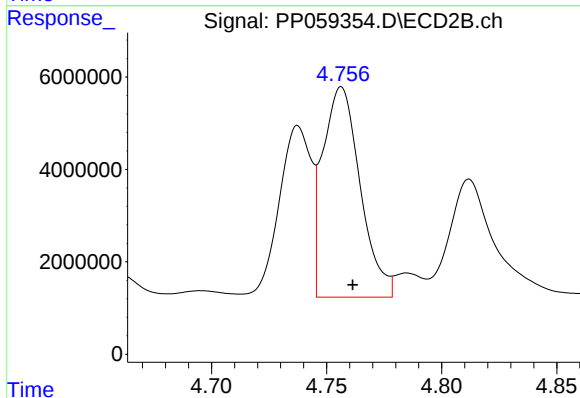
R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 36045069
Conc: 644.07 ng/ml



#17 AR-1242-2

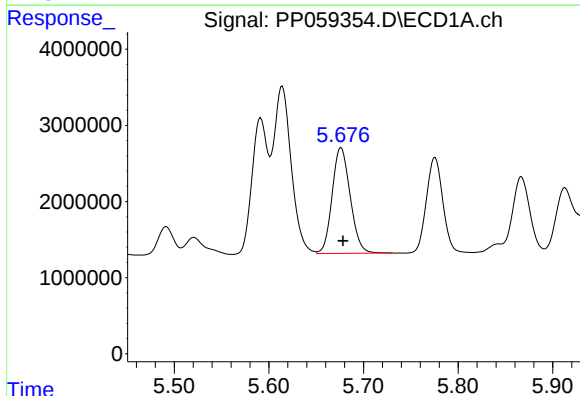
R.T.: 5.614 min
Delta R.T.: -0.002 min
Response: 28832213
Conc: 587.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



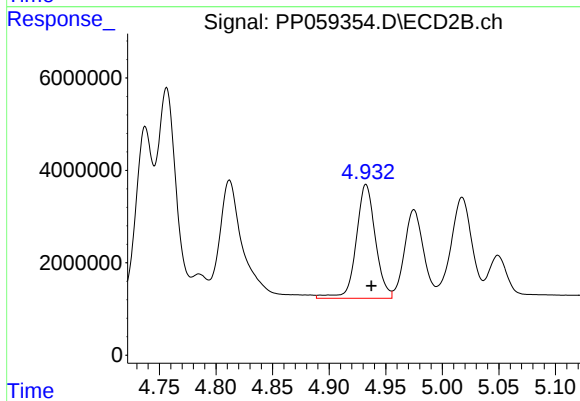
#17 AR-1242-2

R.T.: 4.756 min
Delta R.T.: -0.005 min
Response: 51476837
Conc: 645.59 ng/ml



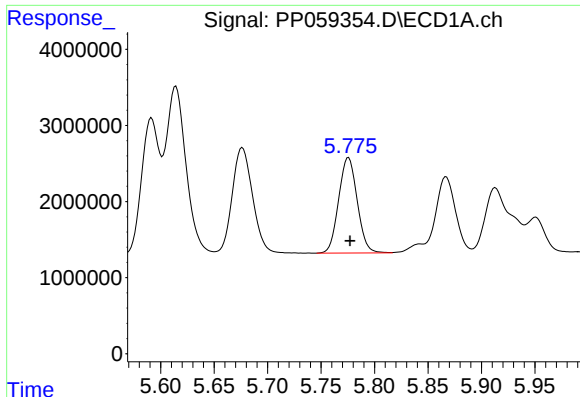
#18 AR-1242-3

R.T.: 5.676 min
Delta R.T.: -0.002 min
Response: 18468536
Conc: 587.83 ng/ml



#18 AR-1242-3

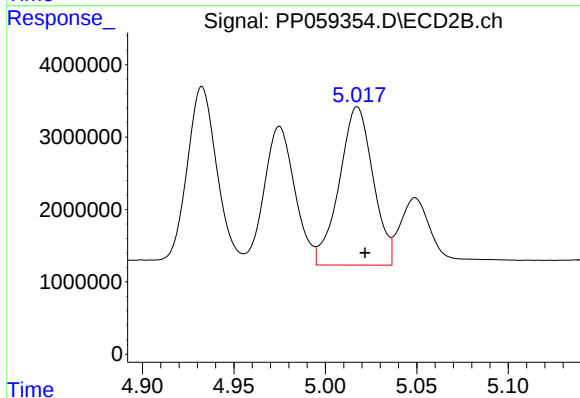
R.T.: 4.933 min
Delta R.T.: -0.005 min
Response: 29107898
Conc: 682.98 ng/ml



#19 AR-1242-4

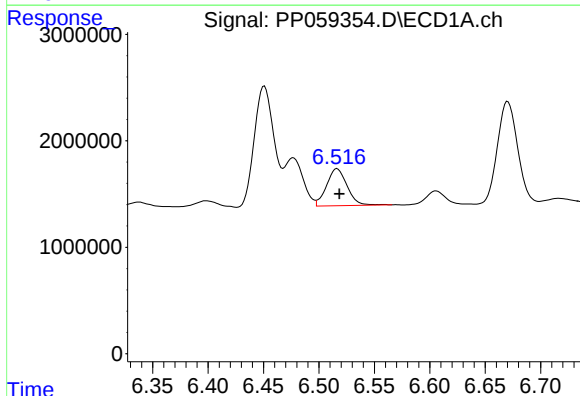
R.T.: 5.776 min
Delta R.T.: -0.002 min
Response: 15151777
Conc: 590.84 ng/ml

Instrument :
ECD_P
ClientSampleId :



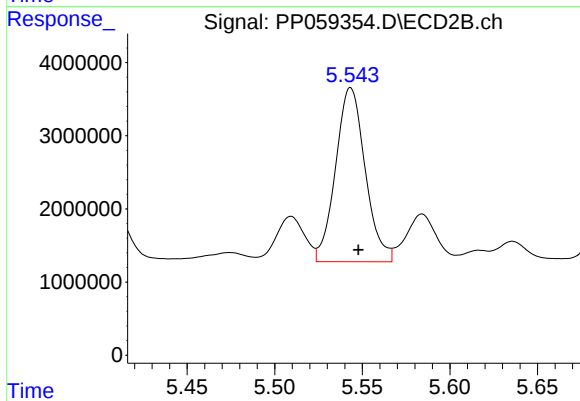
#19 AR-1242-4

R.T.: 5.017 min
Delta R.T.: -0.004 min
Response: 28164447
Conc: 645.00 ng/ml



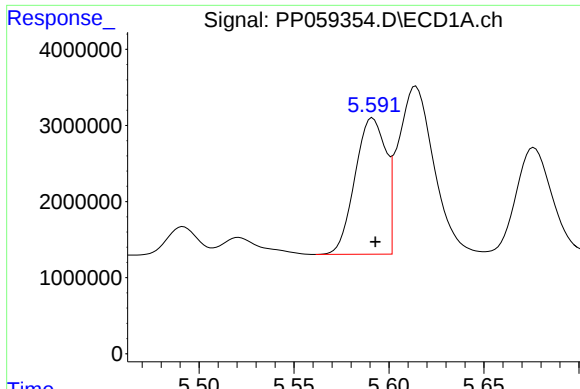
#20 AR-1242-5

R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 4482893
Conc: 173.53 ng/ml



#20 AR-1242-5

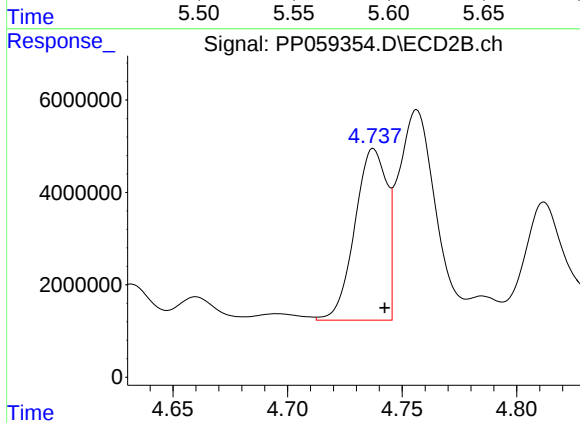
R.T.: 5.543 min
Delta R.T.: -0.004 min
Response: 28016541
Conc: 564.02 ng/ml



#21 AR-1248-1

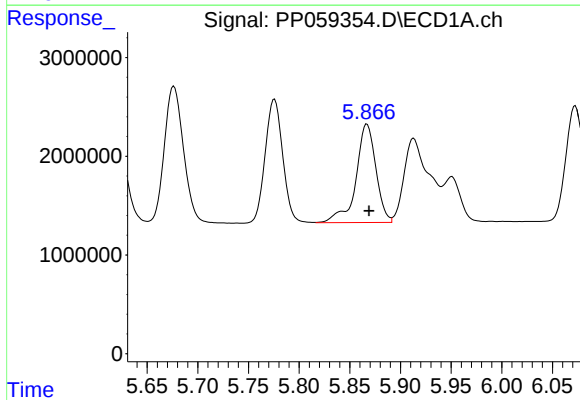
R.T.: 5.591 min
Delta R.T.: -0.002 min
Response: 20188972
Conc: 795.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



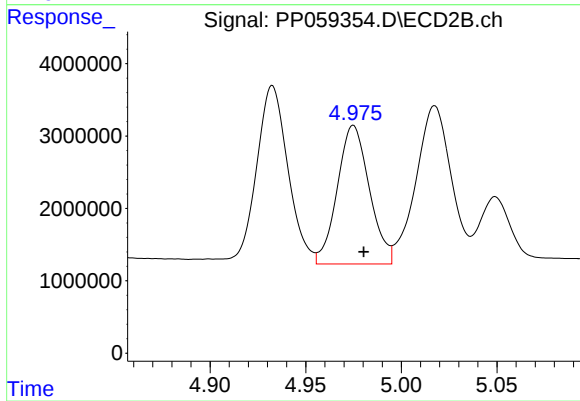
#21 AR-1248-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 36045069
Conc: 876.20 ng/ml



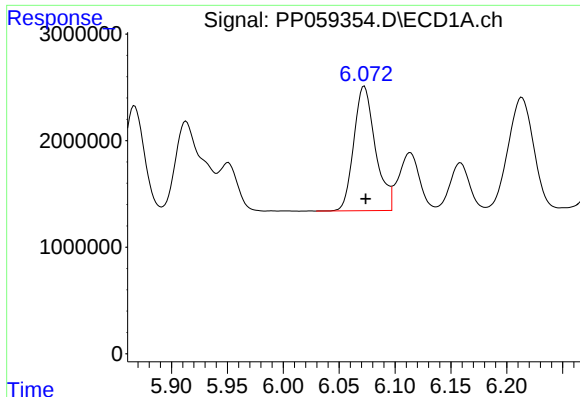
#22 AR-1248-2

R.T.: 5.867 min
Delta R.T.: -0.002 min
Response: 13666621
Conc: 353.09 ng/ml



#22 AR-1248-2

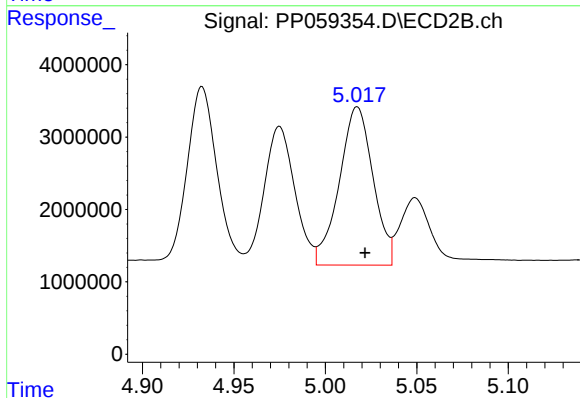
R.T.: 4.975 min
Delta R.T.: -0.005 min
Response: 22440964
Conc: 372.67 ng/ml



#23 AR-1248-3

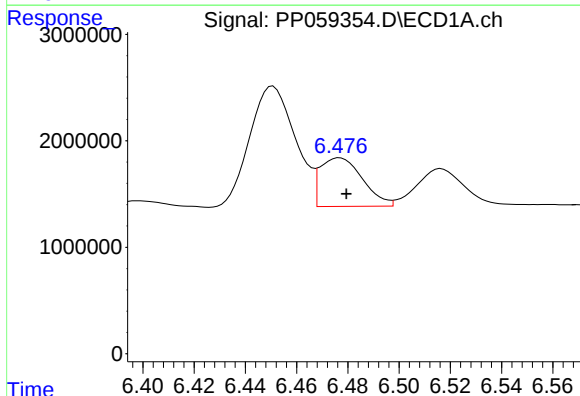
R.T.: 6.073 min
Delta R.T.: -0.001 min
Response: 15665686
Conc: 370.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



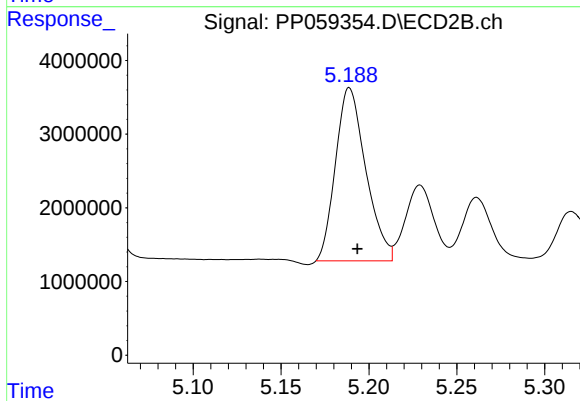
#23 AR-1248-3

R.T.: 5.017 min
Delta R.T.: -0.004 min
Response: 28164447
Conc: 457.14 ng/ml



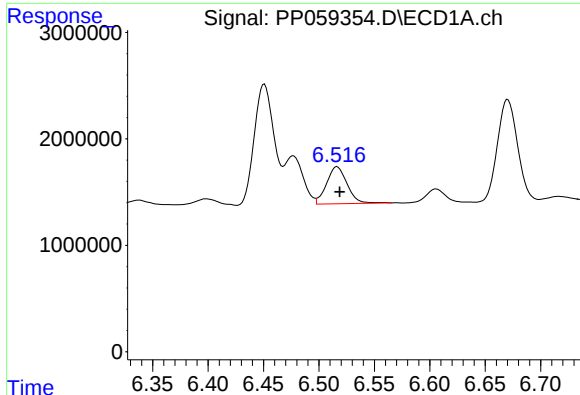
#24 AR-1248-4

R.T.: 6.477 min
Delta R.T.: -0.003 min
Response: 5242725
Conc: 125.92 ng/ml



#24 AR-1248-4

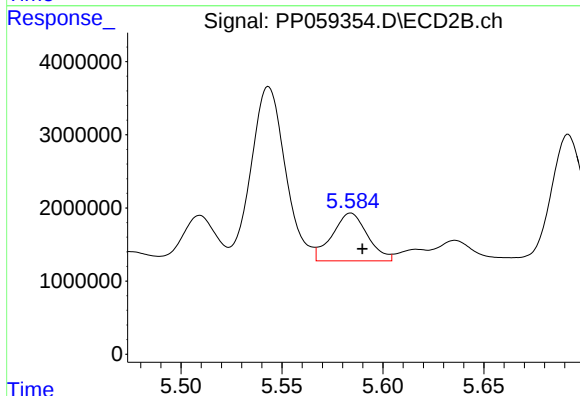
R.T.: 5.189 min
Delta R.T.: -0.005 min
Response: 28120075
Conc: 390.58 ng/ml



#25 AR-1248-5

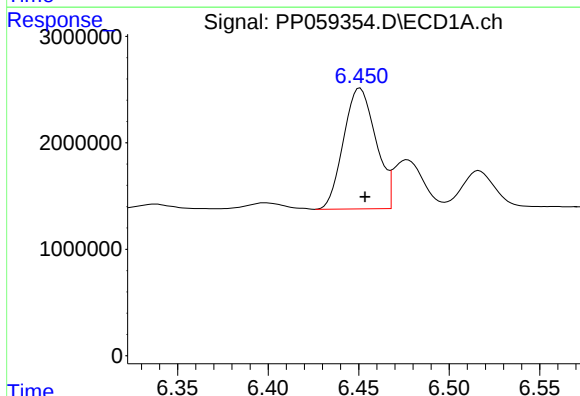
R.T.: 6.516 min
Delta R.T.: -0.002 min
Response: 4482893
Conc: 109.90 ng/ml

Instrument :
ECD_P
ClientSampleId :



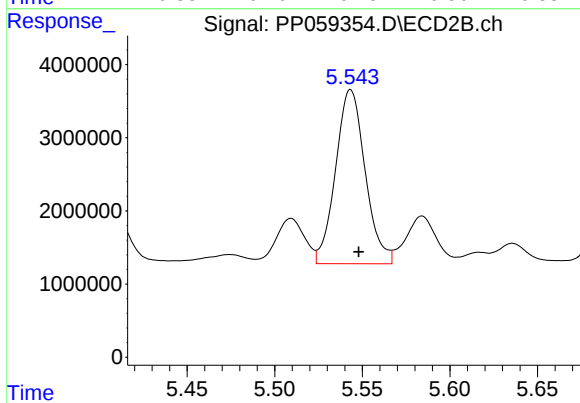
#25 AR-1248-5

R.T.: 5.584 min
Delta R.T.: -0.006 min
Response: 7968755
Conc: 120.77 ng/ml



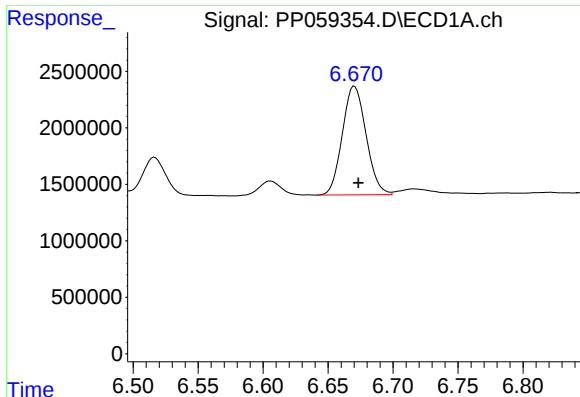
#26 AR-1254-1

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 14098292
Conc: 301.80 ng/ml



#26 AR-1254-1

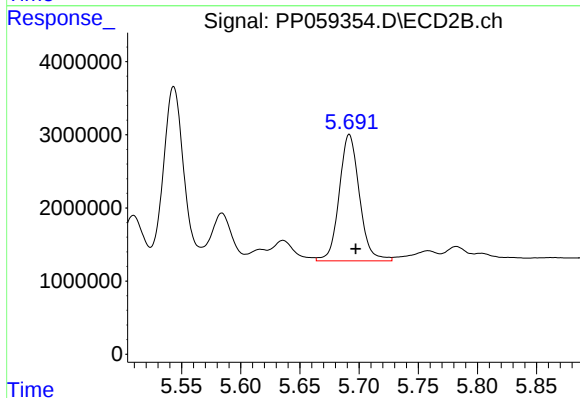
R.T.: 5.543 min
Delta R.T.: -0.005 min
Response: 28016541
Conc: 276.53 ng/ml



#27 AR-1254-2

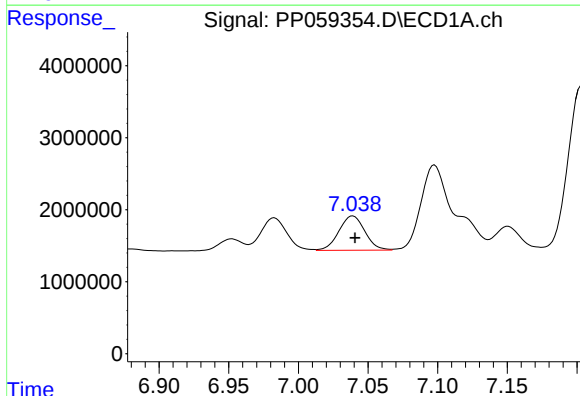
R.T.: 6.670 min
Delta R.T.: -0.003 min
Response: 12245240
Conc: 177.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



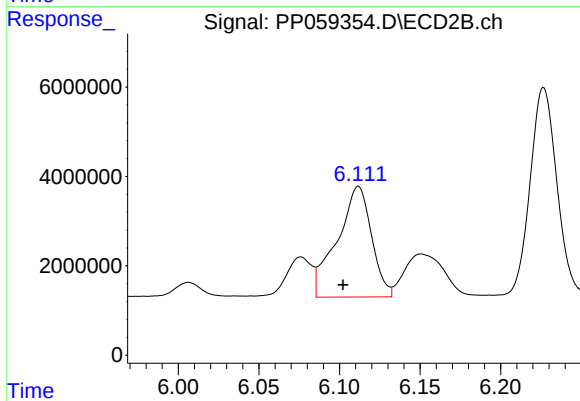
#27 AR-1254-2

R.T.: 5.692 min
Delta R.T.: -0.005 min
Response: 20596991
Conc: 233.32 ng/ml



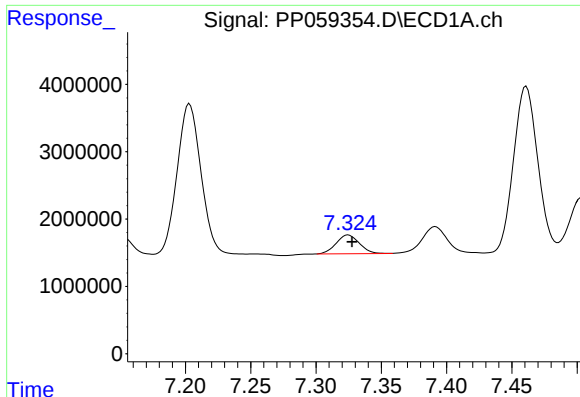
#28 AR-1254-3

R.T.: 7.039 min
Delta R.T.: -0.002 min
Response: 6170825
Conc: 89.41 ng/ml



#28 AR-1254-3

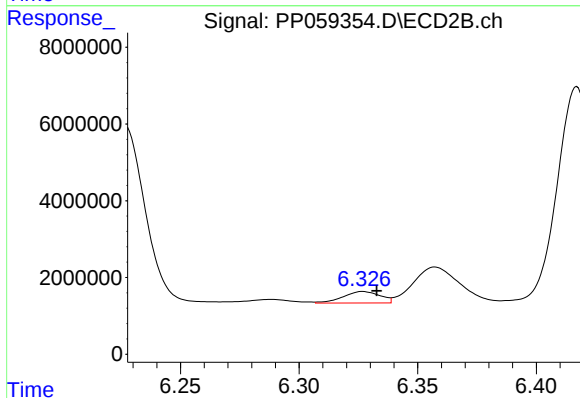
R.T.: 6.112 min
Delta R.T.: 0.010 min
Response: 36780584
Conc: 266.05 ng/ml



#29 AR-1254-4

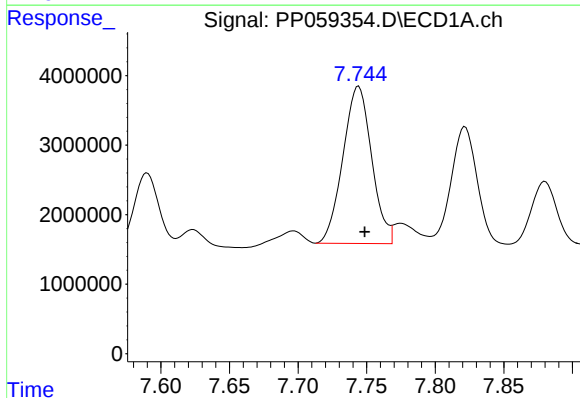
R.T.: 7.325 min
Delta R.T.: -0.003 min
Response: 3479822
Conc: 77.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



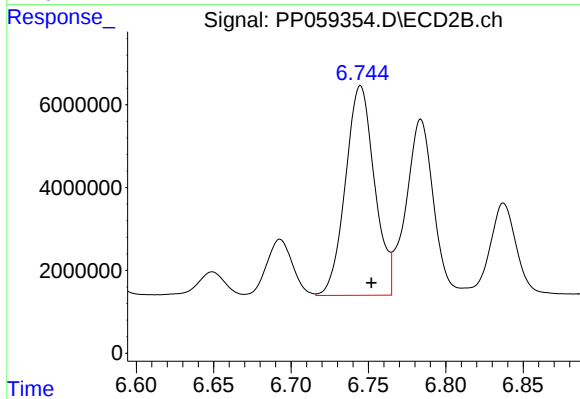
#29 AR-1254-4

R.T.: 6.327 min
Delta R.T.: -0.006 min
Response: 3251129
Conc: 40.45 ng/ml



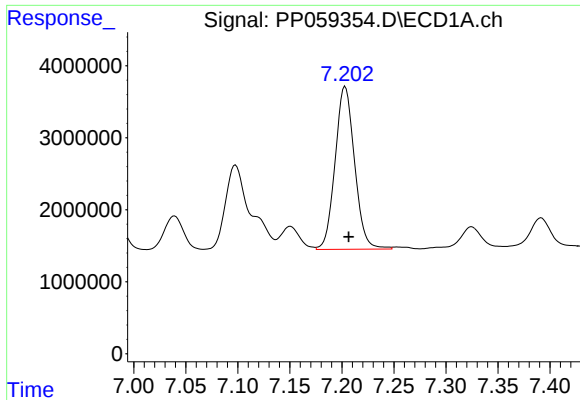
#30 AR-1254-5

R.T.: 7.744 min
Delta R.T.: -0.005 min
Response: 33023354
Conc: 702.82 ng/ml



#30 AR-1254-5

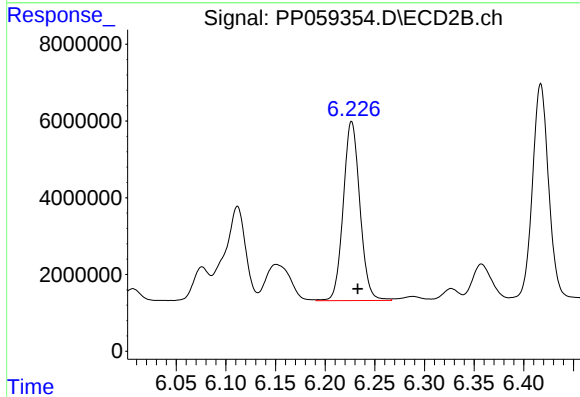
R.T.: 6.745 min
Delta R.T.: -0.007 min
Response: 66145965
Conc: 553.12 ng/ml



#31 AR-1260-1

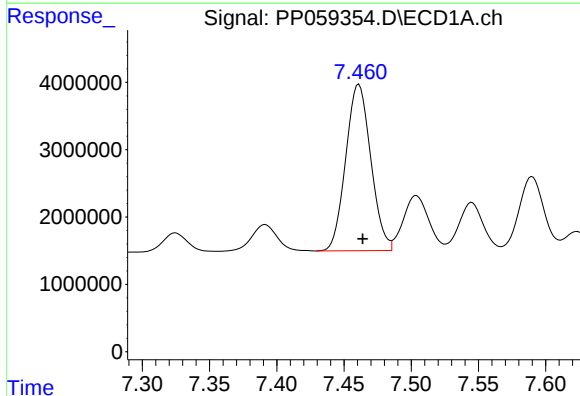
R.T.: 7.203 min
Delta R.T.: -0.003 min
Response: 29427197
Conc: 537.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



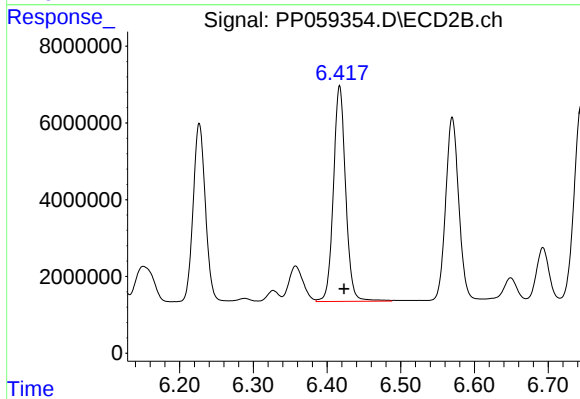
#31 AR-1260-1

R.T.: 6.227 min
Delta R.T.: -0.006 min
Response: 54525042
Conc: 550.54 ng/ml



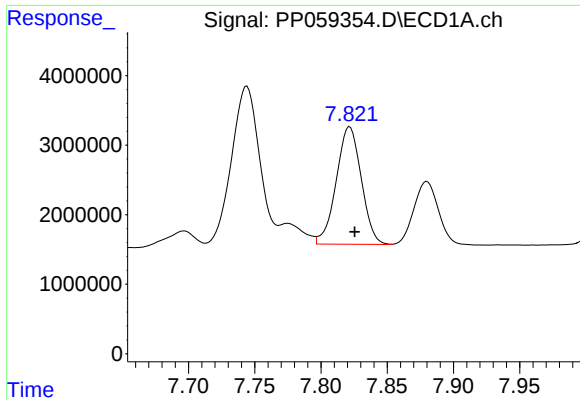
#32 AR-1260-2

R.T.: 7.461 min
Delta R.T.: -0.003 min
Response: 32020604
Conc: 537.81 ng/ml



#32 AR-1260-2

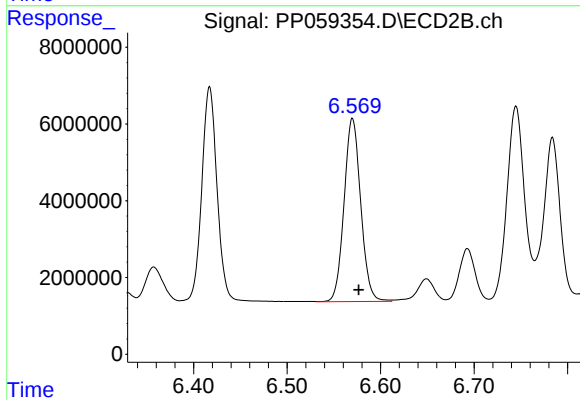
R.T.: 6.417 min
Delta R.T.: -0.006 min
Response: 64776625
Conc: 559.82 ng/ml



#33 AR-1260-3

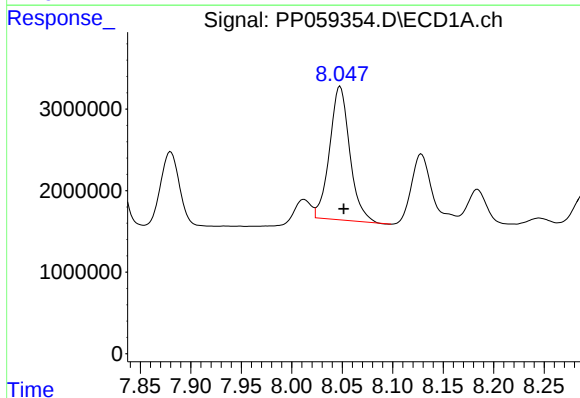
R.T.: 7.822 min
Delta R.T.: -0.004 min
Response: 22219423
Conc: 564.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



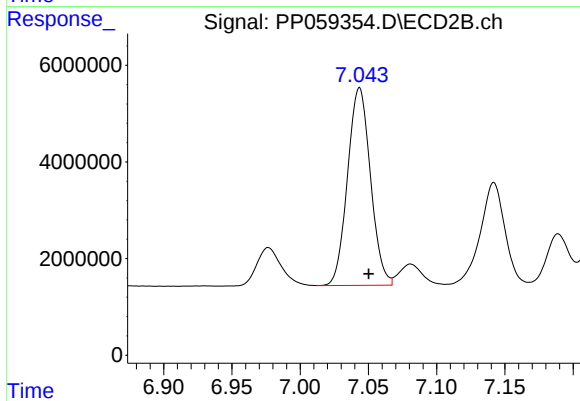
#33 AR-1260-3

R.T.: 6.570 min
Delta R.T.: -0.007 min
Response: 59088785
Conc: 531.21 ng/ml



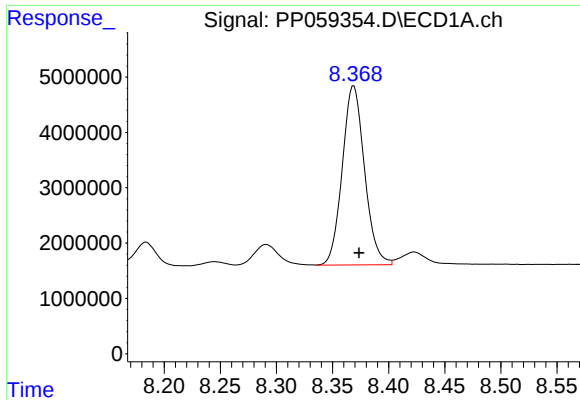
#34 AR-1260-4

R.T.: 8.048 min
Delta R.T.: -0.004 min
Response: 22767522
Conc: 512.62 ng/ml



#34 AR-1260-4

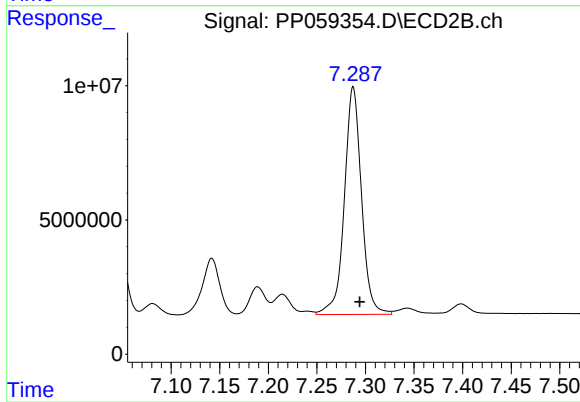
R.T.: 7.043 min
Delta R.T.: -0.007 min
Response: 47873089
Conc: 552.20 ng/ml



#35 AR-1260-5

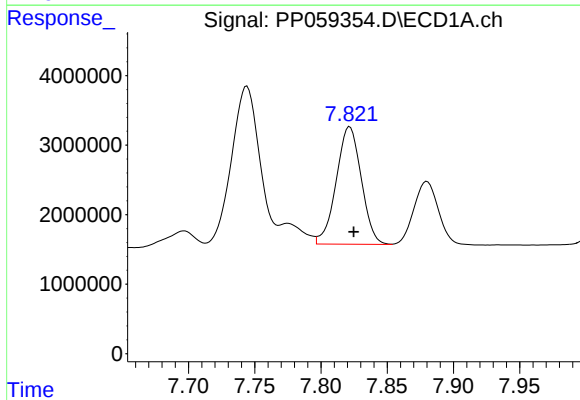
R.T.: 8.369 min
Delta R.T.: -0.005 min
Response: 44621350
Conc: 557.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



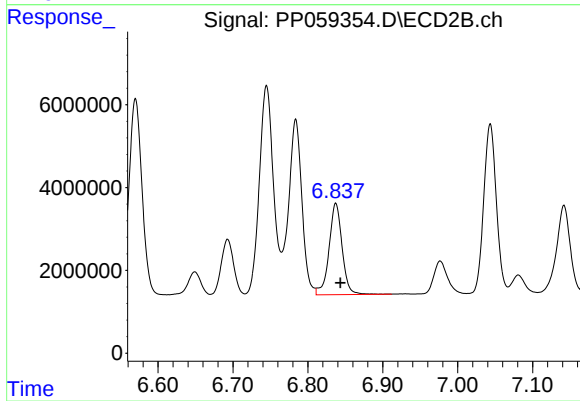
#35 AR-1260-5

R.T.: 7.287 min
Delta R.T.: -0.007 min
Response: 103983844
Conc: 564.14 ng/ml



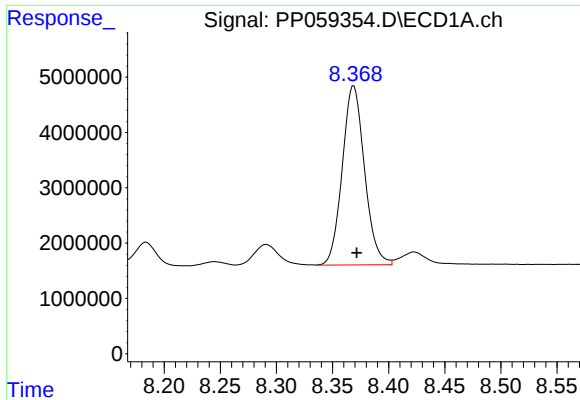
#36 AR-1262-1

R.T.: 7.822 min
Delta R.T.: -0.003 min
Response: 22219423
Conc: 348.86 ng/ml



#36 AR-1262-1

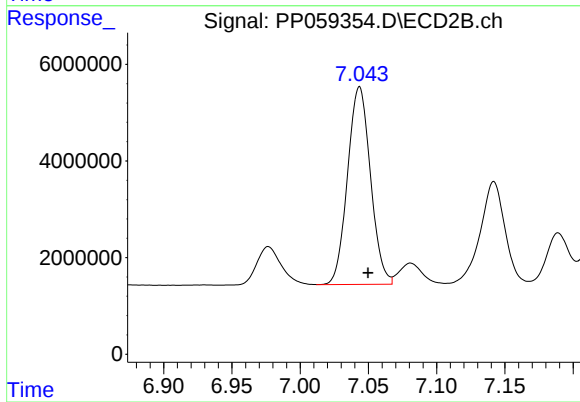
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 26739471
Conc: 464.75 ng/ml



#37 AR-1262-2

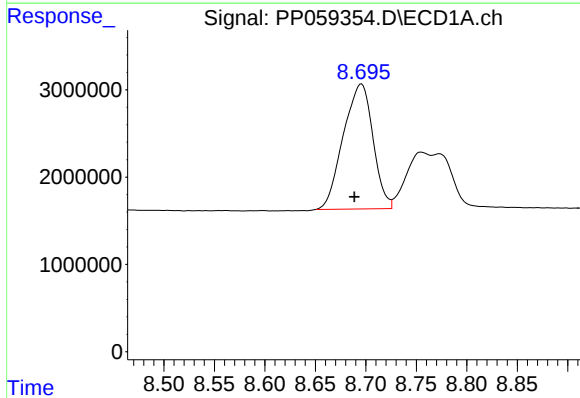
R.T.: 8.369 min
Delta R.T.: -0.003 min
Response: 44621350
Conc: 485.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



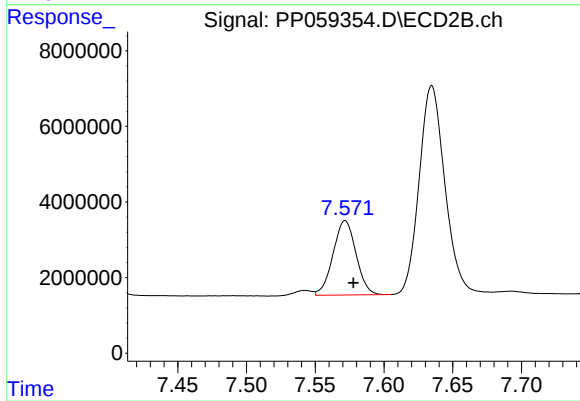
#37 AR-1262-2

R.T.: 7.043 min
Delta R.T.: -0.006 min
Response: 47873089
Conc: 405.71 ng/ml



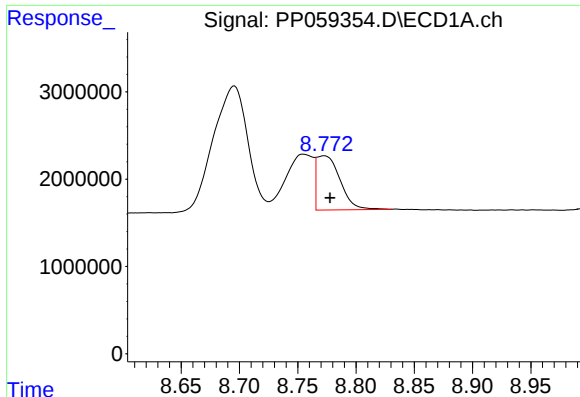
#38 AR-1262-3

R.T.: 8.696 min
Delta R.T.: 0.007 min
Response: 29328333
Conc: 455.74 ng/ml



#38 AR-1262-3

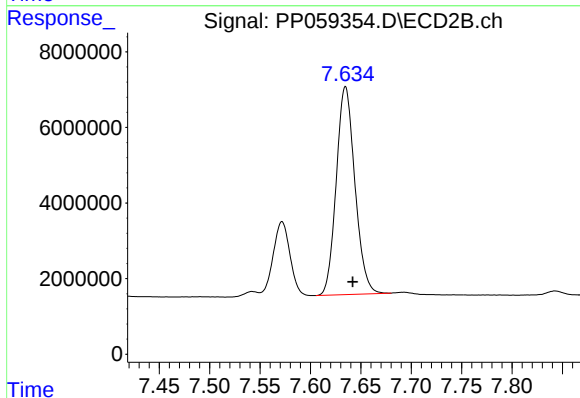
R.T.: 7.572 min
Delta R.T.: -0.006 min
Response: 22901148
Conc: 269.11 ng/ml



#39 AR-1262-4

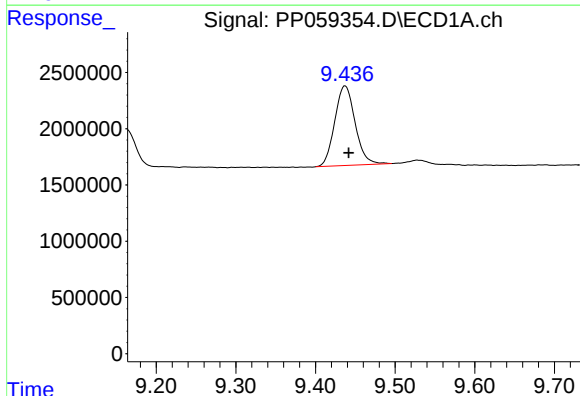
R.T.: 8.773 min
Delta R.T.: -0.005 min
Response: 8733500
Conc: 263.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



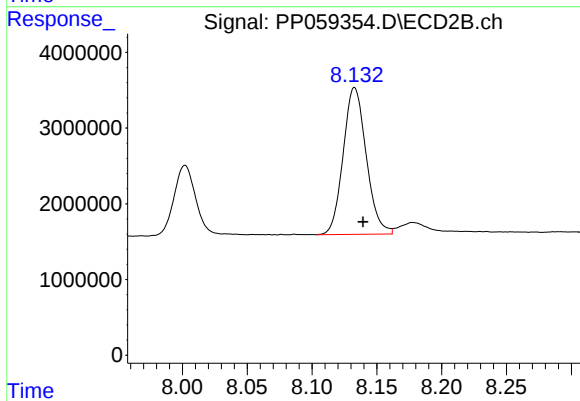
#39 AR-1262-4

R.T.: 7.635 min
Delta R.T.: -0.007 min
Response: 70879024
Conc: 469.21 ng/ml



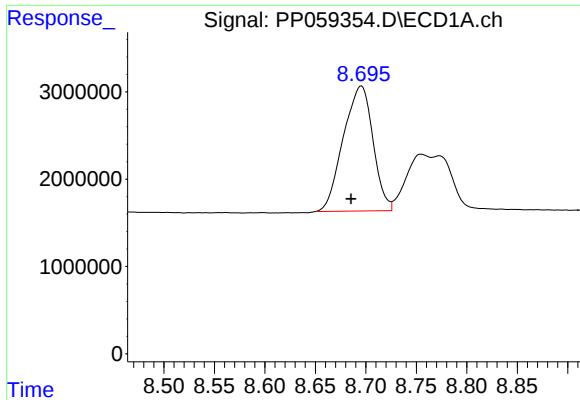
#40 AR-1262-5

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 12580592
Conc: 421.58 ng/ml



#40 AR-1262-5

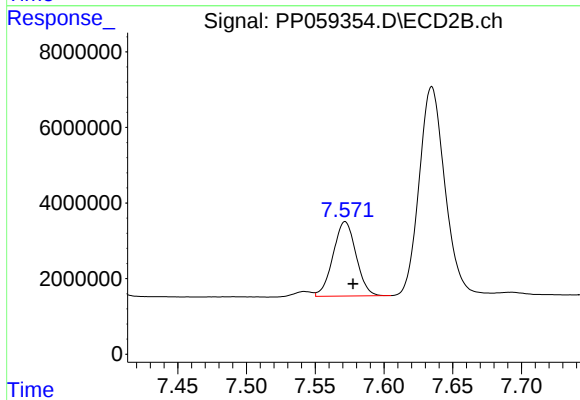
R.T.: 8.133 min
Delta R.T.: -0.007 min
Response: 24009784
Conc: 376.47 ng/ml



#41 AR-1268-1

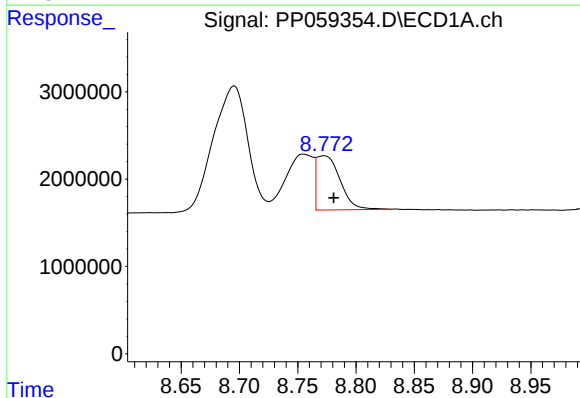
R.T.: 8.696 min
Delta R.T.: 0.010 min
Response: 29328333
Conc: 258.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



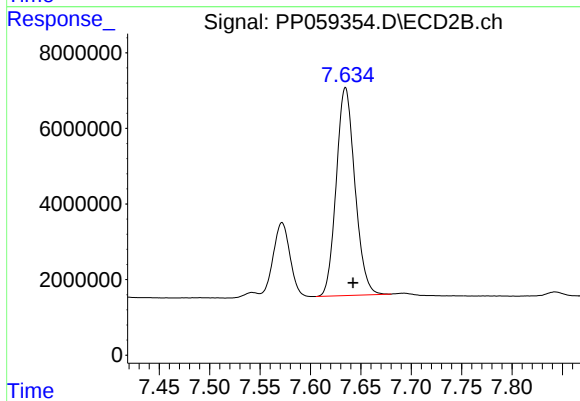
#41 AR-1268-1

R.T.: 7.572 min
Delta R.T.: -0.006 min
Response: 22901148
Conc: 93.92 ng/ml



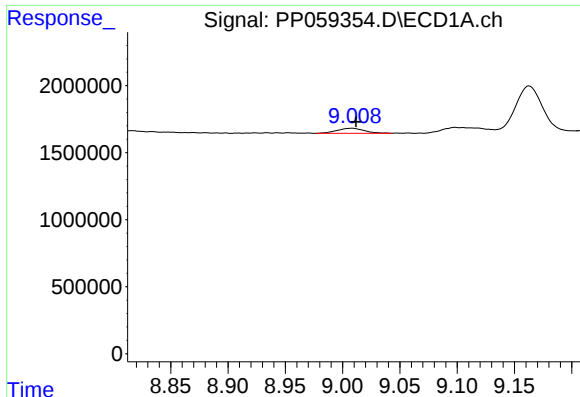
#42 AR-1268-2

R.T.: 8.773 min
Delta R.T.: -0.008 min
Response: 8733500
Conc: 88.74 ng/ml



#42 AR-1268-2

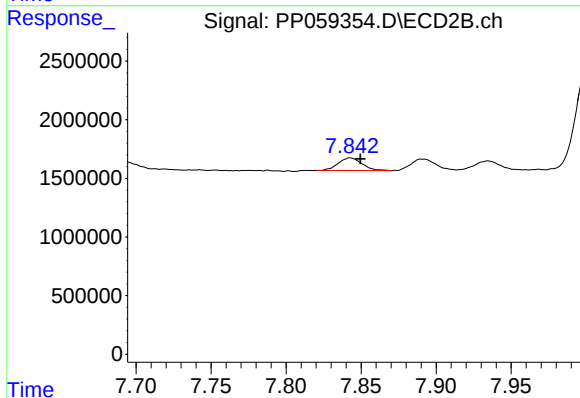
R.T.: 7.635 min
Delta R.T.: -0.008 min
Response: 70879024
Conc: 323.62 ng/ml



#43 AR-1268-3

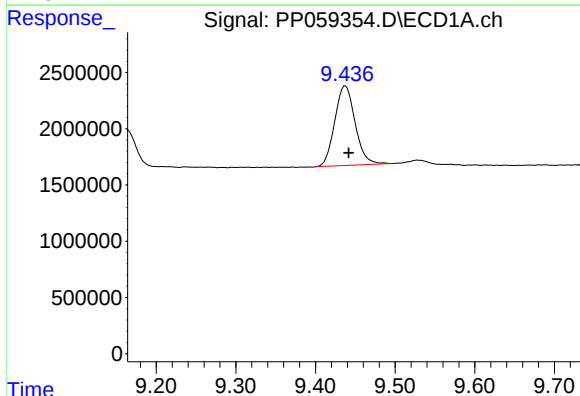
R.T.: 9.009 min
Delta R.T.: -0.003 min
Response: 636878
Conc: 6.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



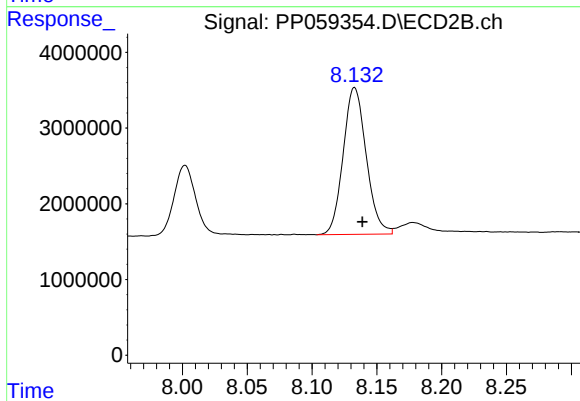
#43 AR-1268-3

R.T.: 7.843 min
Delta R.T.: -0.007 min
Response: 1196711
Conc: 6.12 ng/ml



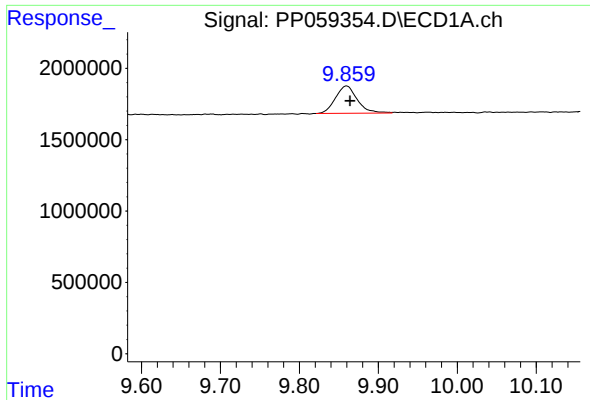
#44 AR-1268-4

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 12580592
Conc: 394.37 ng/ml



#44 AR-1268-4

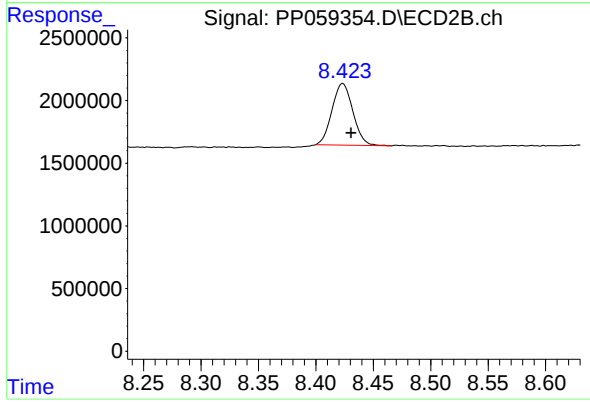
R.T.: 8.133 min
Delta R.T.: -0.006 min
Response: 24009784
Conc: 345.02 ng/ml



#45 AR-1268-5

R.T.: 9.860 min
Delta R.T.: -0.005 min
Response: 3671619
Conc: 13.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.423 min
Delta R.T.: -0.007 min
Response: 6217952
Conc: 11.99 ng/ml