

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP081823\
 Data File : PP059439.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Aug 2023 23:39
 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 19 00:41:13 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	55437858	92217219	45.180	45.514
2)	SA Decachlor...	10.203	8.675	42374634	62032350	55.520	44.094
Target Compounds							
3)	L1 AR-1016-1	5.590	4.735	19281098	31679030	490.760	493.921
4)	L1 AR-1016-2	5.613	4.754	27266580	45070339	480.997	496.153
5)	L1 AR-1016-3	5.675	4.929	17510945	25159730	488.120	523.642
6)	L1 AR-1016-4	5.774	4.972	14397272	19620730	497.022	475.178
7)	L1 AR-1016-5	6.071	5.185	15193332	20741899	502.032	398.635
8)	L2 AR-1221-1	4.619	3.857	2324396	4109372	147.542	151.380
9)	L2 AR-1221-2	4.711	3.943	3095688	5596530	262.148	281.094
10)	L2 AR-1221-3	4.787	4.020	11306957	18576694	321.101	312.037
11)	L3 AR-1232-1	4.787	4.020	11306957	18576694	384.636	391.514
12)	L3 AR-1232-2	5.321	4.754	15328000	45070339	983.380	1062.516
13)	L3 AR-1232-3	5.613	4.929	27266580	25159730	1032.604	1133.945
14)	L3 AR-1232-4	5.774	5.014	14397272	24868642	1087.857	1177.811
15)	L3 AR-1232-5	5.865	5.185	13171582	20741899	1153.929	904.862
16)	L4 AR-1242-1	5.590	4.735	19281098	31679030	563.260	566.054
17)	L4 AR-1242-2	5.613	4.754	27266580	45070339	555.666	565.239
18)	L4 AR-1242-3	5.675	4.929	17510945	25159730	557.347	590.337
19)	L4 AR-1242-4	5.774	5.014	14397272	24868642	561.422	569.520
20)	L4 AR-1242-5	6.515	5.540	4422749	23803538	171.197	479.207 #
21)	L5 AR-1248-1	5.590	4.735	19281098	31679030	759.685	770.069
22)	L5 AR-1248-2	5.865	4.972	13171582	19620730	340.304	325.832
23)	L5 AR-1248-3	6.071	5.014	15193332	24868642	359.640	403.647
24)	L5 AR-1248-4	6.475	5.185	5110540	20741899	122.747	288.098 #
25)	L5 AR-1248-5	6.515	5.582	4422749	6208580	108.424	94.091
26)	L6 AR-1254-1	6.449	5.540	13604251	23803538	291.220	234.945
27)	L6 AR-1254-2	6.669	5.688	12038795	18002427	174.962	203.928
28)	L6 AR-1254-3	7.037	6.108	5977590	32278951	86.606	233.490 #
29)	L6 AR-1254-4	7.323	6.324	3172126	2641334	70.467	32.860 #
30)	L6 AR-1254-5	7.743	6.742	30773252	56449495	654.931	472.037 #
31)	L7 AR-1260-1	7.202	6.223	29009397	48017134	530.247	484.832
32)	L7 AR-1260-2	7.460	6.414	30298187	55900274	508.882	483.110
33)	L7 AR-1260-3	7.821	6.567	21271092	51784741	540.493	465.549
34)	L7 AR-1260-4	8.046	7.040	21686680	41147444	488.287	474.622
35)	L7 AR-1260-5	8.368	7.284	41232286	87296455	515.599	473.603
36)	L8 AR-1262-1	7.821	6.834	21271092	23028684	333.969	400.257
37)	L8 AR-1262-2	8.368	7.040	41232286	41147444	448.978	348.714
38)	L8 AR-1262-3	8.694	7.568	27125499	19517875	421.511	229.354 #
39)	L8 AR-1262-4	8.771	7.631	8517546	58868922	256.500	389.702 #
40)	L8 AR-1262-5	9.437	8.129	11789637	19926724	395.076	312.450
41)	L9 AR-1268-1	8.694	7.568	27125499	19517875	238.848	80.041 #

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

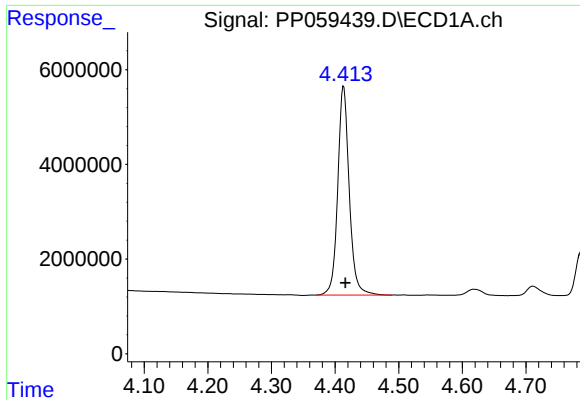
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 19 00:41:13 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	8.771	7.631	8517546	58868922	86.546	268.783 #
43) L9	AR-1268-3	9.008	7.840	653979	1028960	7.054	5.262 #
44) L9	AR-1268-4	9.437	8.129	11789637	19926724	369.573	286.344
45) L9	AR-1268-5	9.858	8.420	3546655	4920564	13.065	9.492 #

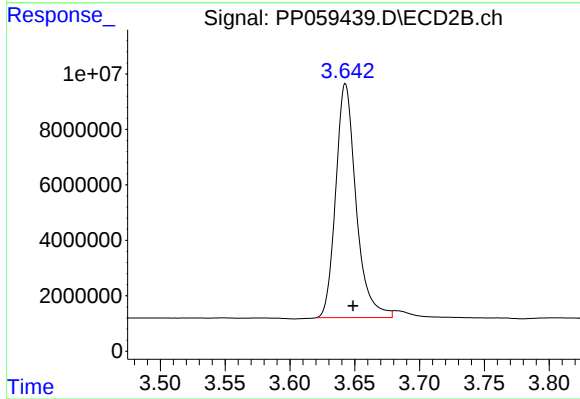
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

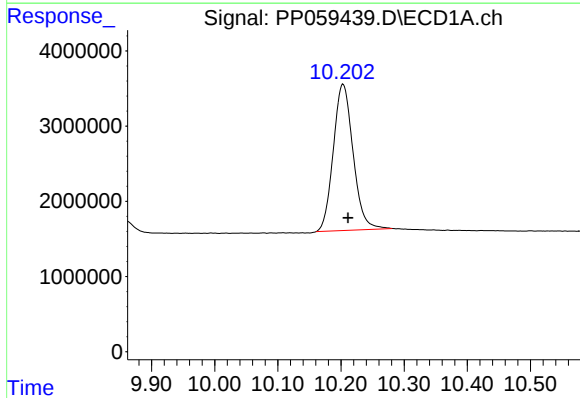
R.T.: 4.413 min
Delta R.T.: -0.003 min
Response: 55437858
Conc: 45.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



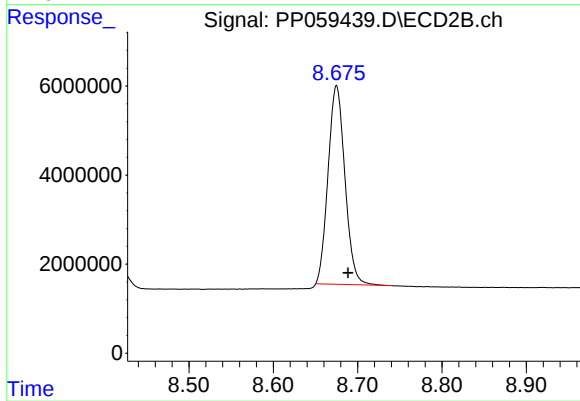
#1 Tetrachloro-m-xylene

R.T.: 3.643 min
Delta R.T.: -0.006 min
Response: 92217219
Conc: 45.51 ng/ml



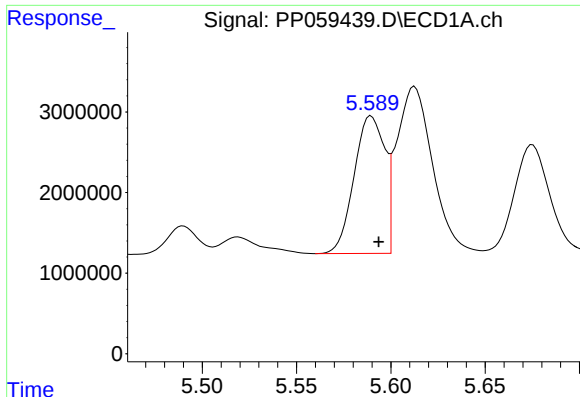
#2 Decachlorobiphenyl

R.T.: 10.203 min
Delta R.T.: -0.008 min
Response: 42374634
Conc: 55.52 ng/ml



#2 Decachlorobiphenyl

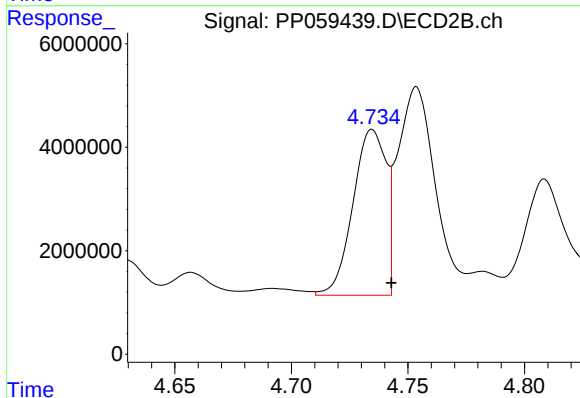
R.T.: 8.675 min
Delta R.T.: -0.014 min
Response: 62032350
Conc: 44.09 ng/ml



#3 AR-1016-1

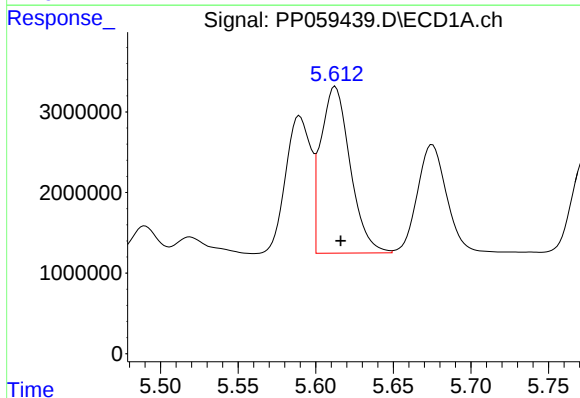
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 19281098
Conc: 490.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



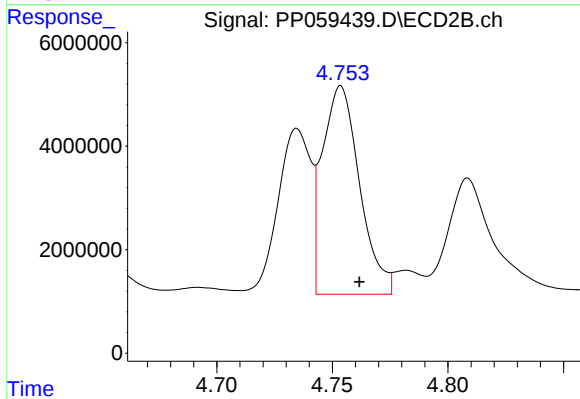
#3 AR-1016-1

R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 31679030
Conc: 493.92 ng/ml



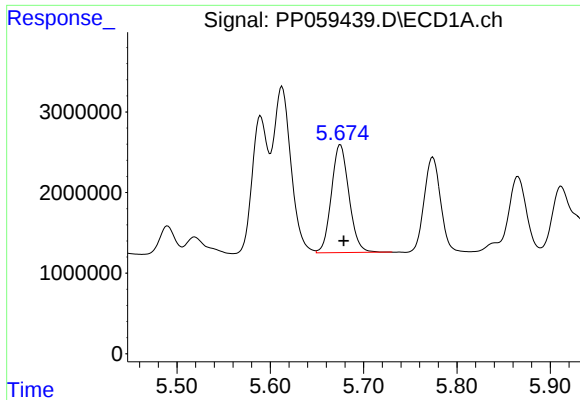
#4 AR-1016-2

R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 27266580
Conc: 481.00 ng/ml



#4 AR-1016-2

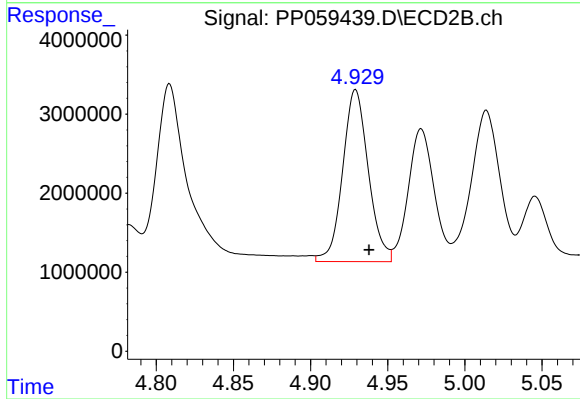
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 45070339
Conc: 496.15 ng/ml



#5 AR-1016-3

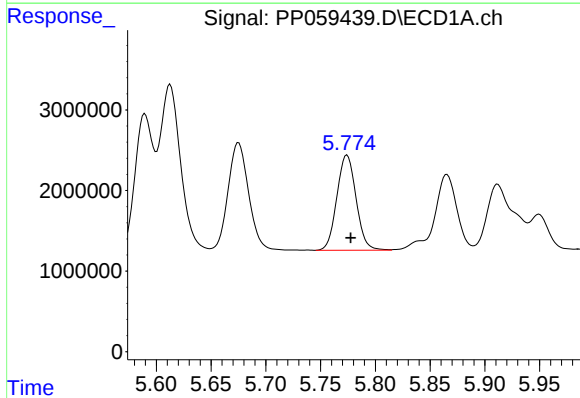
R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 17510945
Conc: 488.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



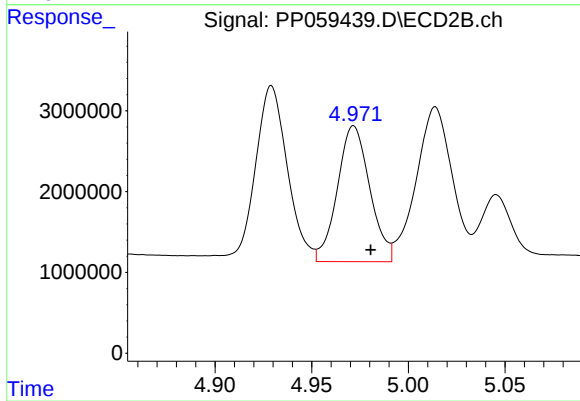
#5 AR-1016-3

R.T.: 4.929 min
Delta R.T.: -0.009 min
Response: 25159730
Conc: 523.64 ng/ml



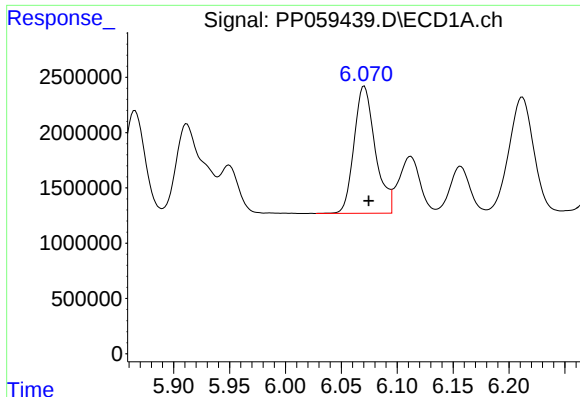
#6 AR-1016-4

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 14397272
Conc: 497.02 ng/ml



#6 AR-1016-4

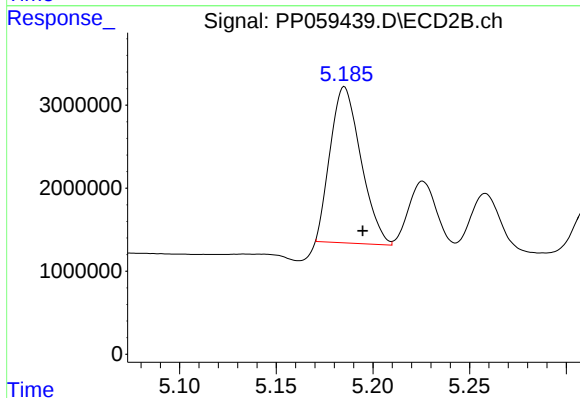
R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 19620730
Conc: 475.18 ng/ml



#7 AR-1016-5

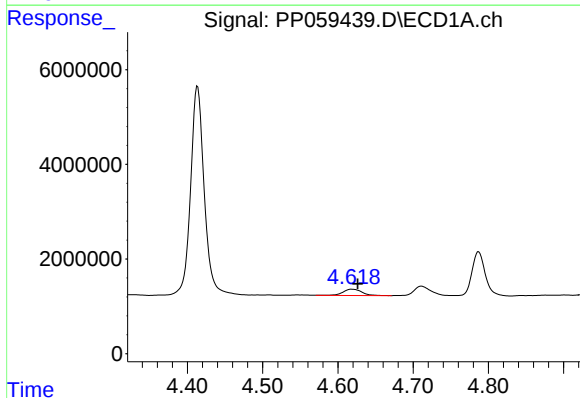
R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 15193332
Conc: 502.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



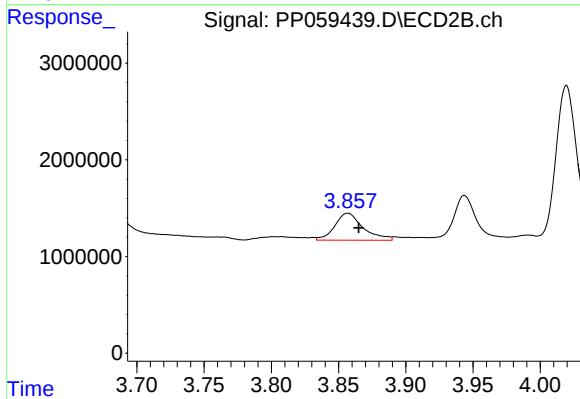
#7 AR-1016-5

R.T.: 5.185 min
Delta R.T.: -0.009 min
Response: 20741899
Conc: 398.64 ng/ml



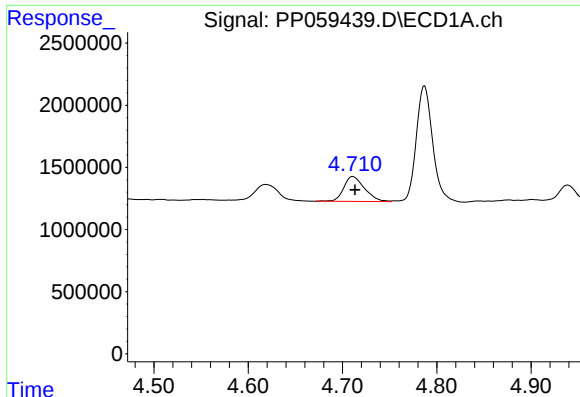
#8 AR-1221-1

R.T.: 4.619 min
Delta R.T.: -0.008 min
Response: 2324396
Conc: 147.54 ng/ml



#8 AR-1221-1

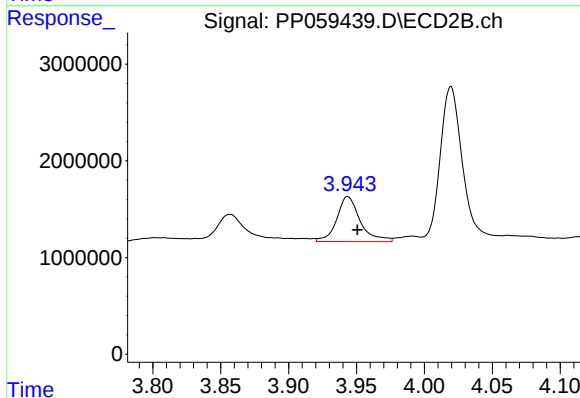
R.T.: 3.857 min
Delta R.T.: -0.008 min
Response: 4109372
Conc: 151.38 ng/ml



#9 AR-1221-2

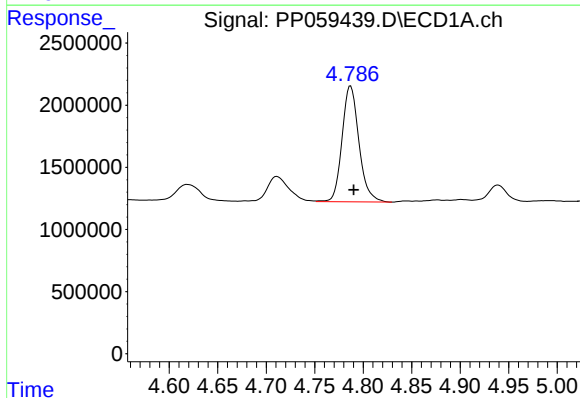
R.T.: 4.711 min
Delta R.T.: -0.002 min
Response: 3095688
Conc: 262.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



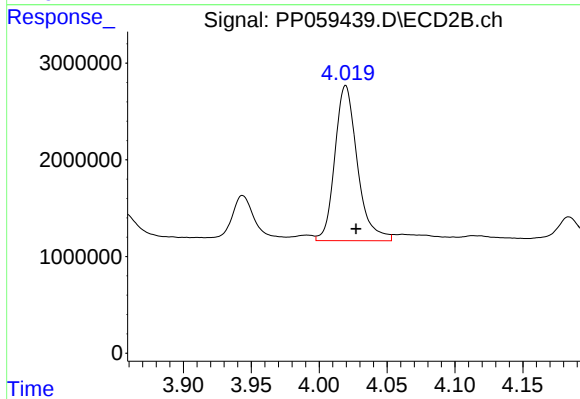
#9 AR-1221-2

R.T.: 3.943 min
Delta R.T.: -0.007 min
Response: 5596530
Conc: 281.09 ng/ml



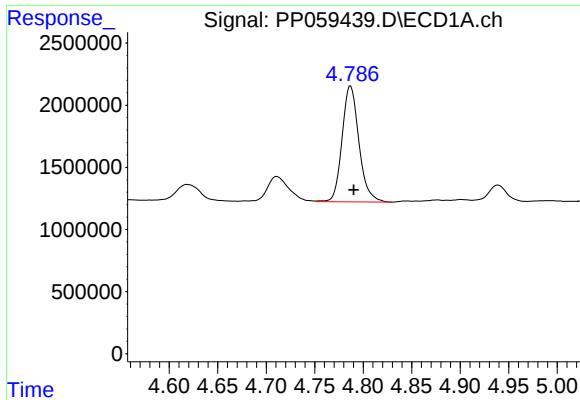
#10 AR-1221-3

R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 11306957
Conc: 321.10 ng/ml



#10 AR-1221-3

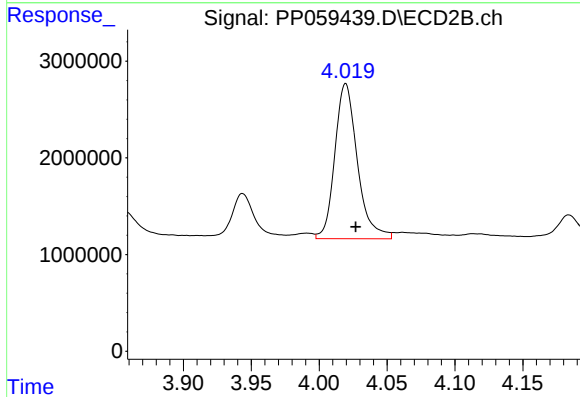
R.T.: 4.020 min
Delta R.T.: -0.008 min
Response: 18576694
Conc: 312.04 ng/ml



#11 AR-1232-1

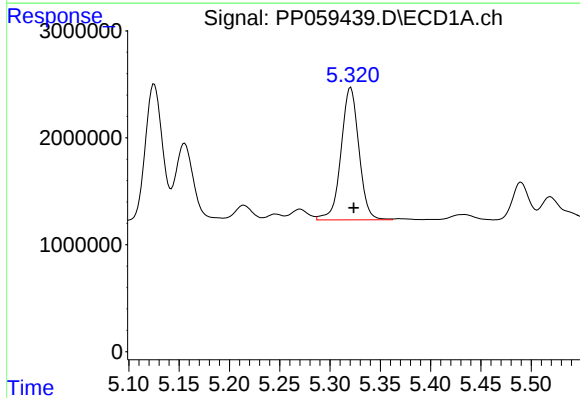
R.T.: 4.787 min
Delta R.T.: -0.003 min
Response: 11306957
Conc: 384.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



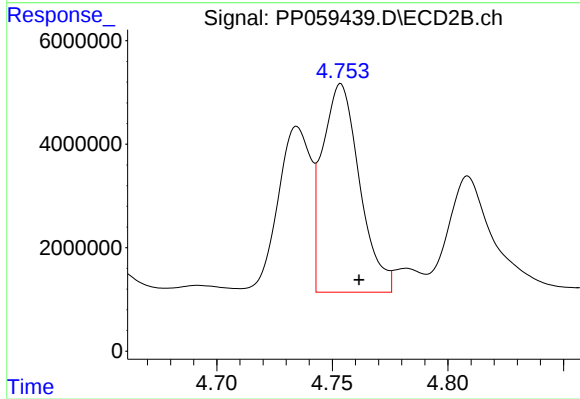
#11 AR-1232-1

R.T.: 4.020 min
Delta R.T.: -0.007 min
Response: 18576694
Conc: 391.51 ng/ml



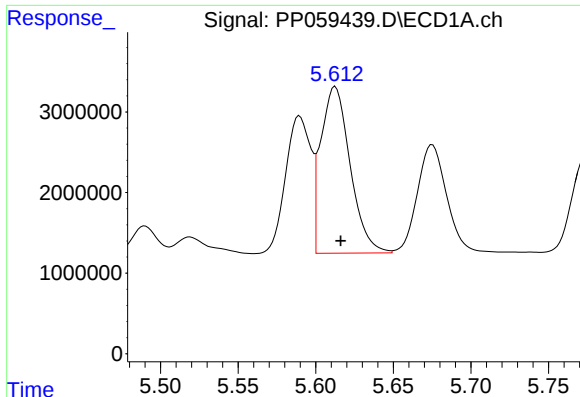
#12 AR-1232-2

R.T.: 5.321 min
Delta R.T.: -0.003 min
Response: 15328000
Conc: 983.38 ng/ml



#12 AR-1232-2

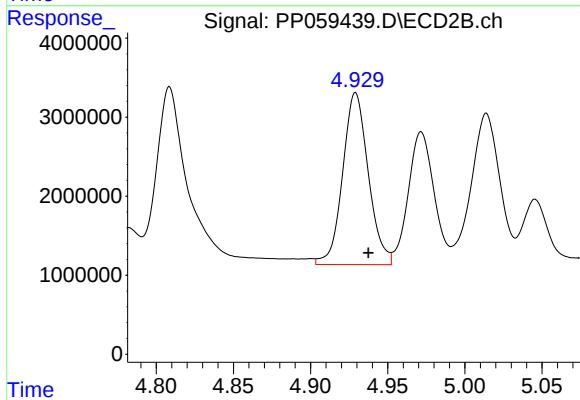
R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 45070339
Conc: 1062.52 ng/ml



#13 AR-1232-3

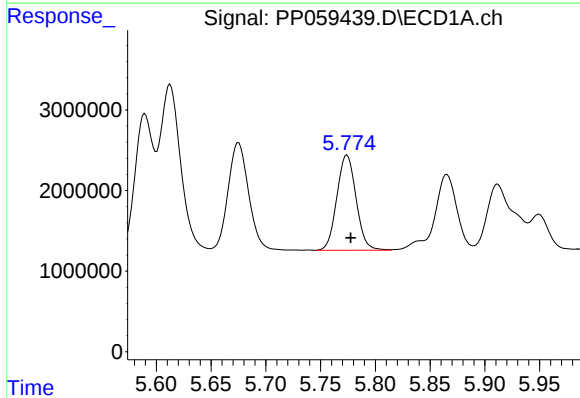
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 27266580
Conc: 1032.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



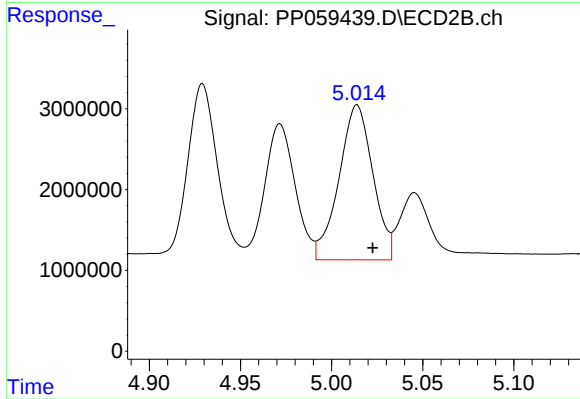
#13 AR-1232-3

R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 25159730
Conc: 1133.95 ng/ml



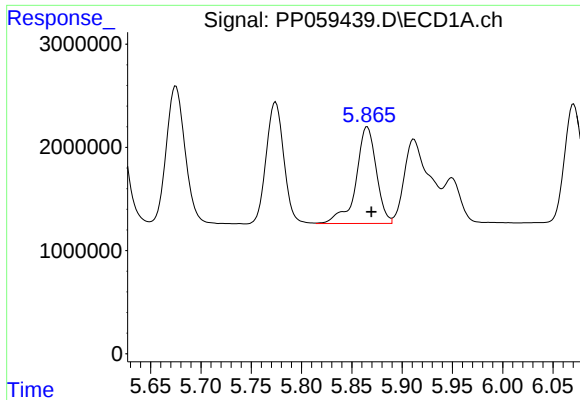
#14 AR-1232-4

R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 14397272
Conc: 1087.86 ng/ml



#14 AR-1232-4

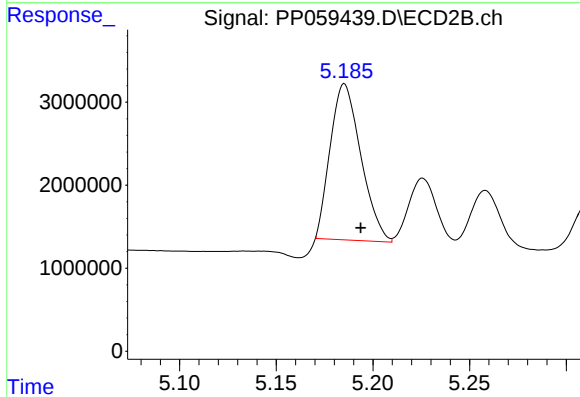
R.T.: 5.014 min
Delta R.T.: -0.009 min
Response: 24868642
Conc: 1177.81 ng/ml



#15 AR-1232-5

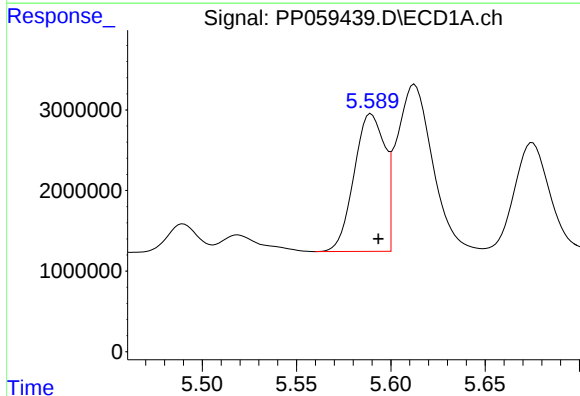
R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 13171582
Conc: 1153.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



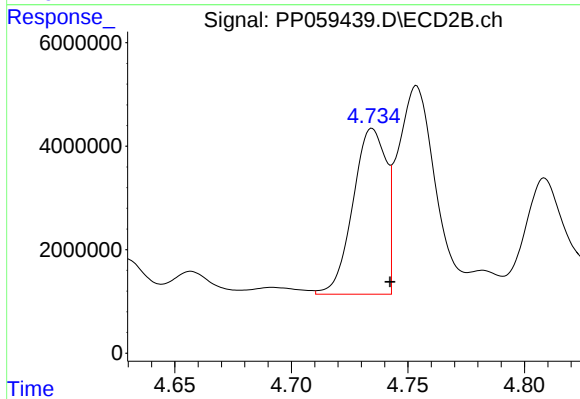
#15 AR-1232-5

R.T.: 5.185 min
Delta R.T.: -0.008 min
Response: 20741899
Conc: 904.86 ng/ml



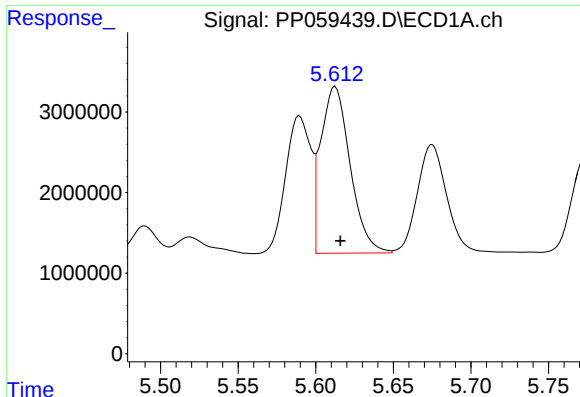
#16 AR-1242-1

R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 19281098
Conc: 563.26 ng/ml



#16 AR-1242-1

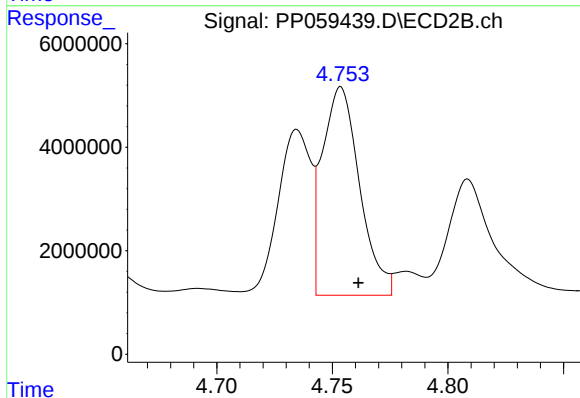
R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 31679030
Conc: 566.05 ng/ml



#17 AR-1242-2

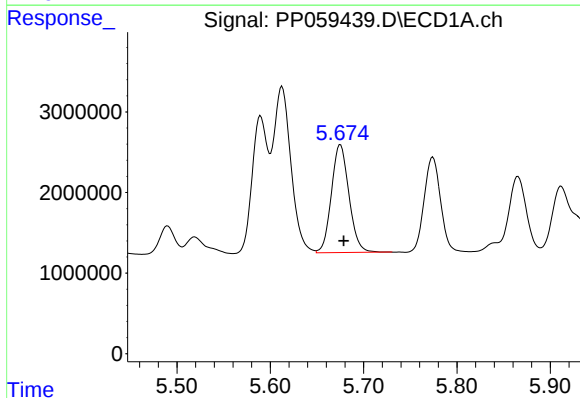
R.T.: 5.613 min
Delta R.T.: -0.003 min
Response: 27266580
Conc: 555.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



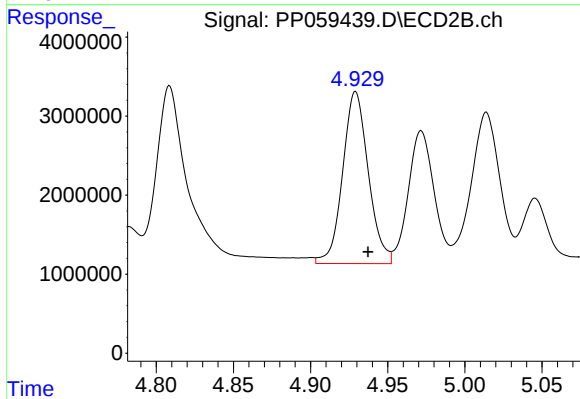
#17 AR-1242-2

R.T.: 4.754 min
Delta R.T.: -0.008 min
Response: 45070339
Conc: 565.24 ng/ml



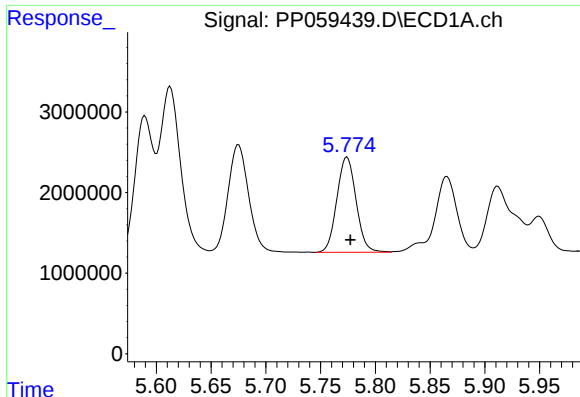
#18 AR-1242-3

R.T.: 5.675 min
Delta R.T.: -0.004 min
Response: 17510945
Conc: 557.35 ng/ml



#18 AR-1242-3

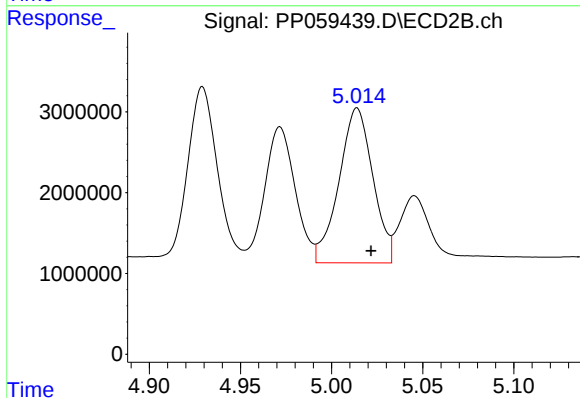
R.T.: 4.929 min
Delta R.T.: -0.008 min
Response: 25159730
Conc: 590.34 ng/ml



#19 AR-1242-4

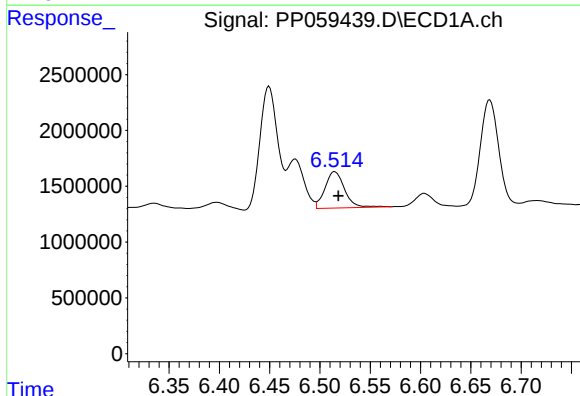
R.T.: 5.774 min
Delta R.T.: -0.003 min
Response: 14397272
Conc: 561.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



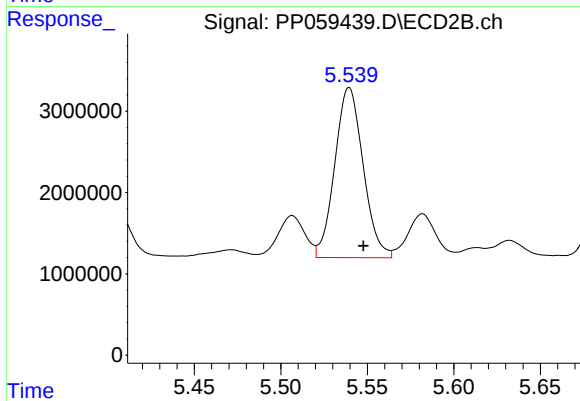
#19 AR-1242-4

R.T.: 5.014 min
Delta R.T.: -0.008 min
Response: 24868642
Conc: 569.52 ng/ml



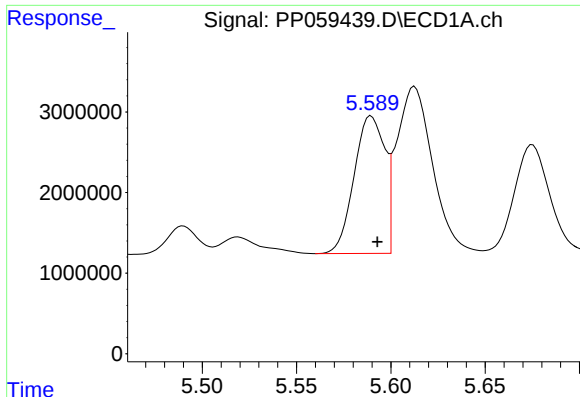
#20 AR-1242-5

R.T.: 6.515 min
Delta R.T.: -0.004 min
Response: 4422749
Conc: 171.20 ng/ml



#20 AR-1242-5

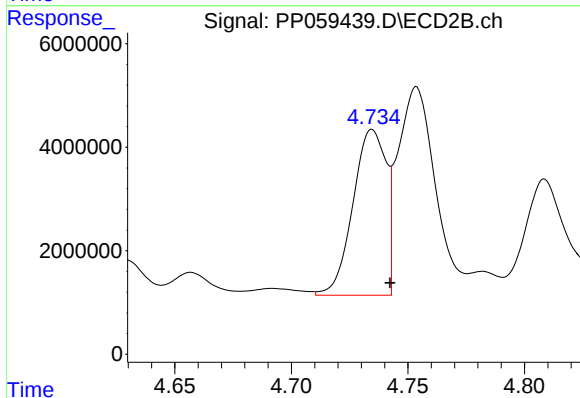
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 23803538
Conc: 479.21 ng/ml



#21 AR-1248-1

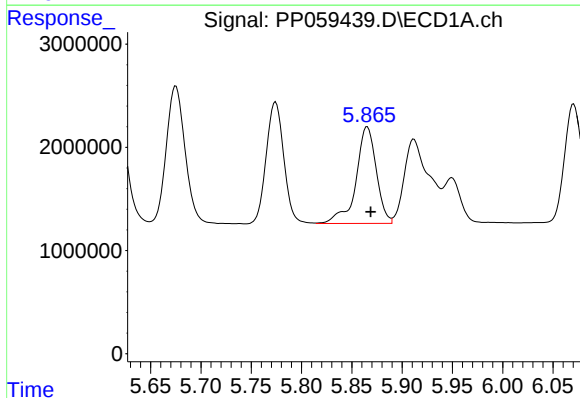
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 19281098
Conc: 759.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



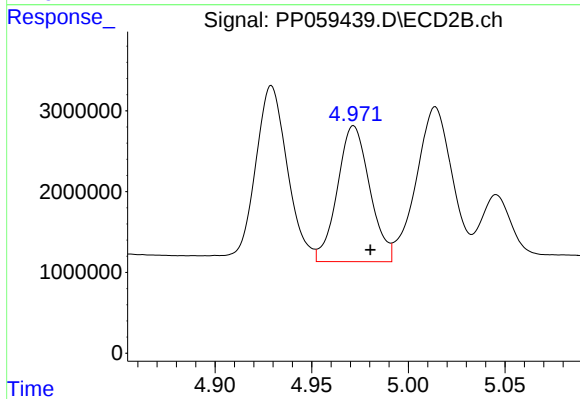
#21 AR-1248-1

R.T.: 4.735 min
Delta R.T.: -0.008 min
Response: 31679030
Conc: 770.07 ng/ml



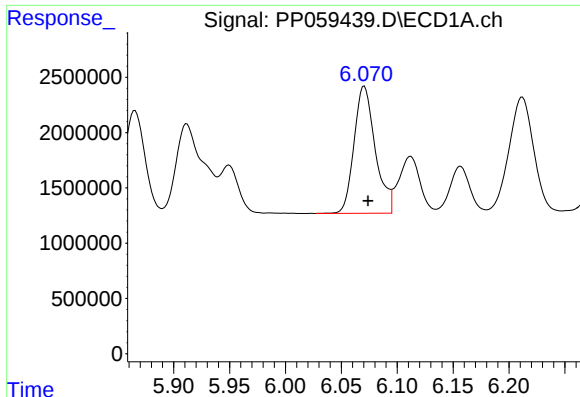
#22 AR-1248-2

R.T.: 5.865 min
Delta R.T.: -0.004 min
Response: 13171582
Conc: 340.30 ng/ml



#22 AR-1248-2

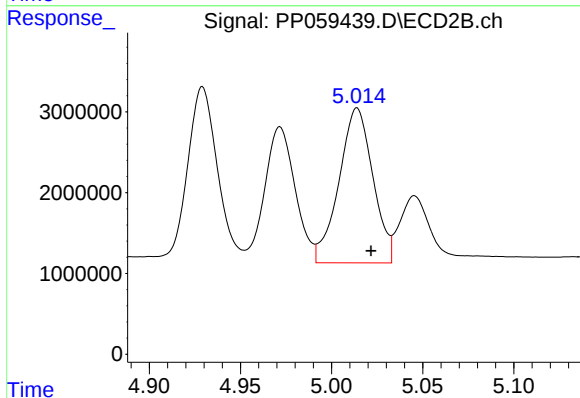
R.T.: 4.972 min
Delta R.T.: -0.009 min
Response: 19620730
Conc: 325.83 ng/ml



#23 AR-1248-3

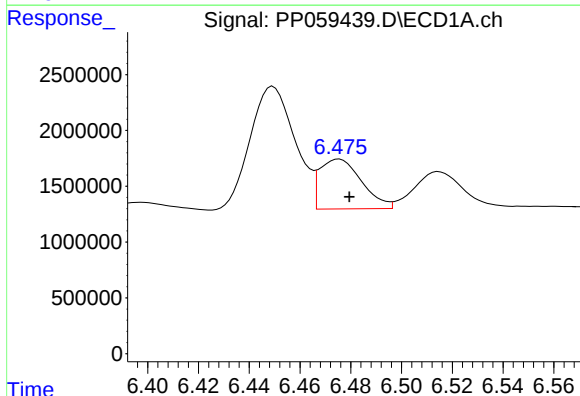
R.T.: 6.071 min
Delta R.T.: -0.003 min
Response: 15193332
Conc: 359.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



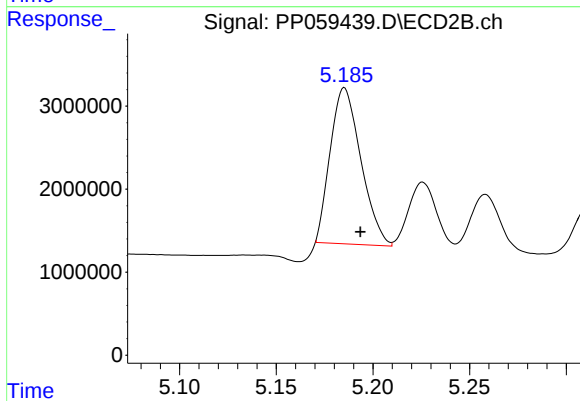
#23 AR-1248-3

R.T.: 5.014 min
Delta R.T.: -0.008 min
Response: 24868642
Conc: 403.65 ng/ml



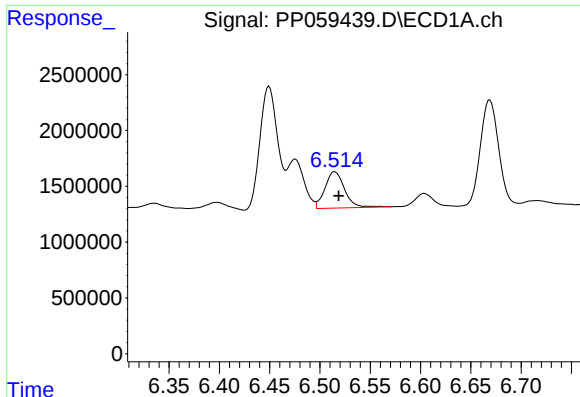
#24 AR-1248-4

R.T.: 6.475 min
Delta R.T.: -0.004 min
Response: 5110540
Conc: 122.75 ng/ml



#24 AR-1248-4

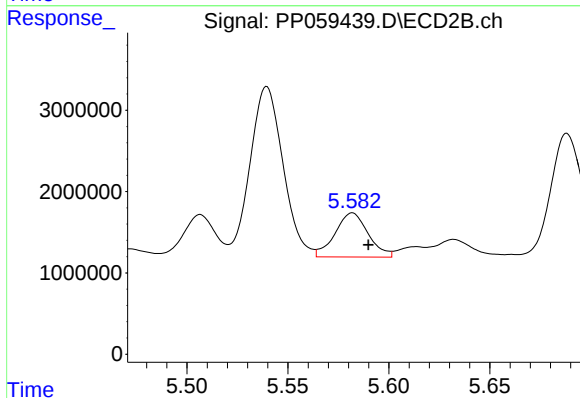
R.T.: 5.185 min
Delta R.T.: -0.008 min
Response: 20741899
Conc: 288.10 ng/ml



#25 AR-1248-5

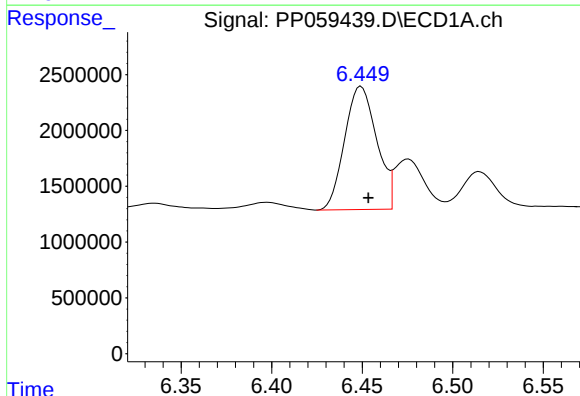
R.T.: 6.515 min
Delta R.T.: -0.004 min
Response: 4422749
Conc: 108.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



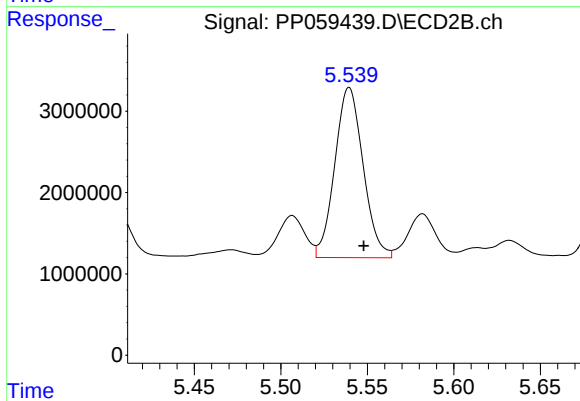
#25 AR-1248-5

R.T.: 5.582 min
Delta R.T.: -0.008 min
Response: 6208580
Conc: 94.09 ng/ml



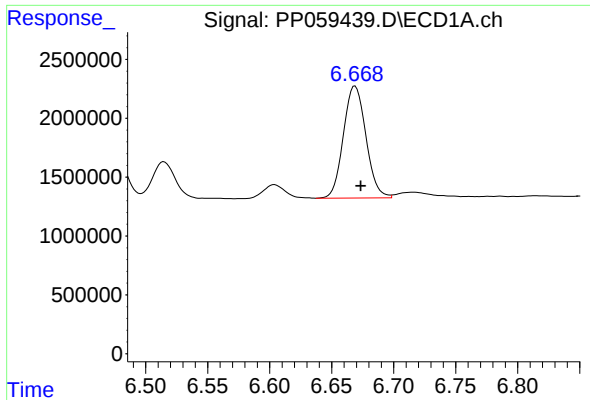
#26 AR-1254-1

R.T.: 6.449 min
Delta R.T.: -0.004 min
Response: 13604251
Conc: 291.22 ng/ml



#26 AR-1254-1

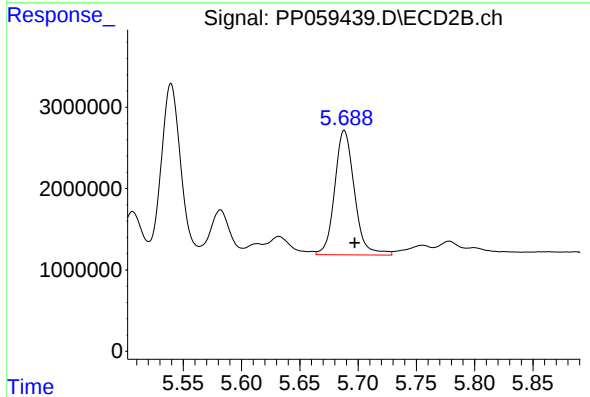
R.T.: 5.540 min
Delta R.T.: -0.008 min
Response: 23803538
Conc: 234.95 ng/ml



#27 AR-1254-2

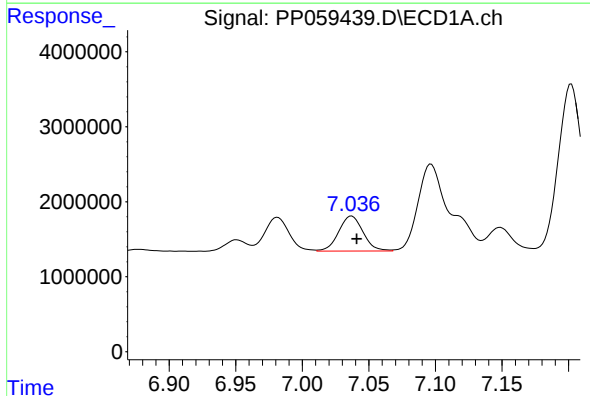
R.T.: 6.669 min
Delta R.T.: -0.005 min
Response: 12038795
Conc: 174.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



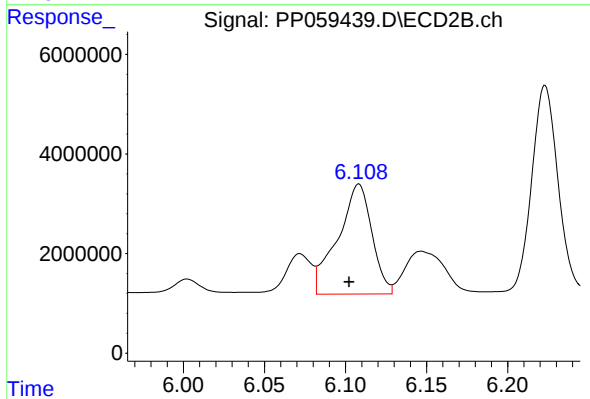
#27 AR-1254-2

R.T.: 5.688 min
Delta R.T.: -0.009 min
Response: 18002427
Conc: 203.93 ng/ml



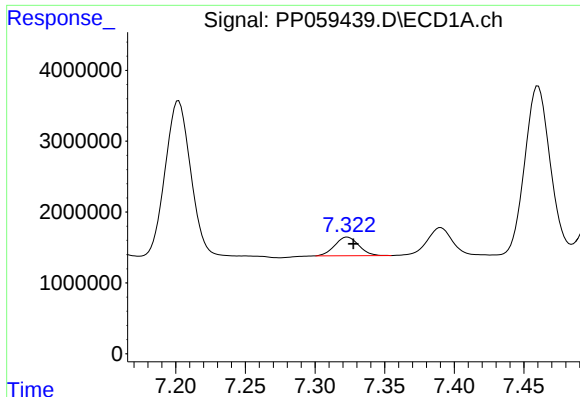
#28 AR-1254-3

R.T.: 7.037 min
Delta R.T.: -0.004 min
Response: 5977590
Conc: 86.61 ng/ml



#28 AR-1254-3

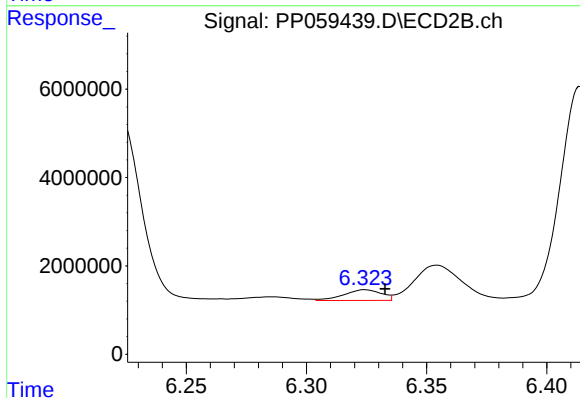
R.T.: 6.108 min
Delta R.T.: 0.006 min
Response: 32278951
Conc: 233.49 ng/ml



#29 AR-1254-4

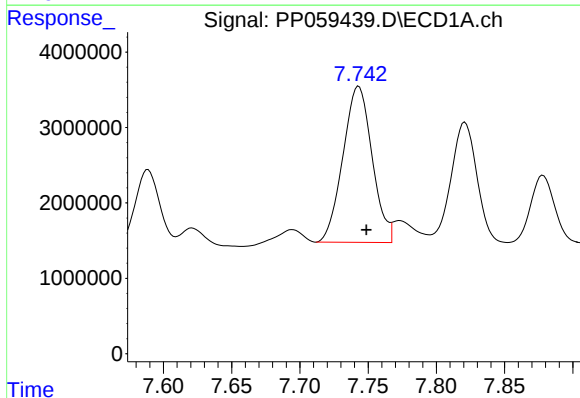
R.T.: 7.323 min
Delta R.T.: -0.005 min
Response: 3172126
Conc: 70.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



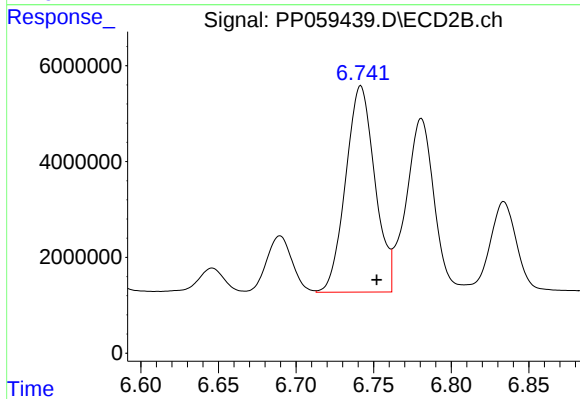
#29 AR-1254-4

R.T.: 6.324 min
Delta R.T.: -0.008 min
Response: 2641334
Conc: 32.86 ng/ml



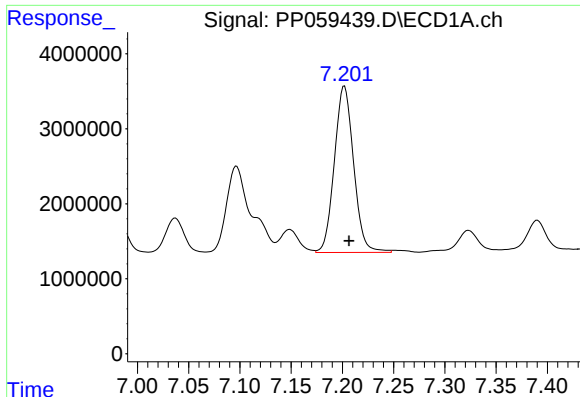
#30 AR-1254-5

R.T.: 7.743 min
Delta R.T.: -0.006 min
Response: 30773252
Conc: 654.93 ng/ml



#30 AR-1254-5

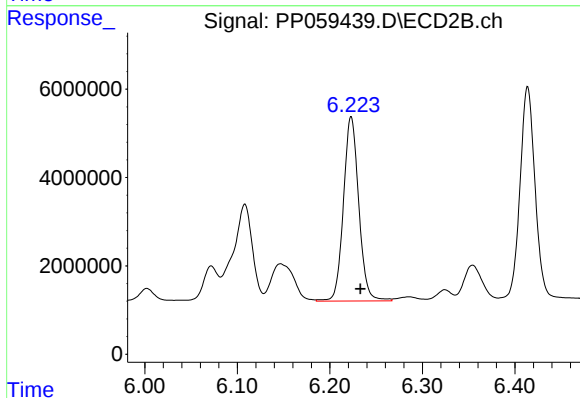
R.T.: 6.742 min
Delta R.T.: -0.010 min
Response: 56449495
Conc: 472.04 ng/ml



#31 AR-1260-1

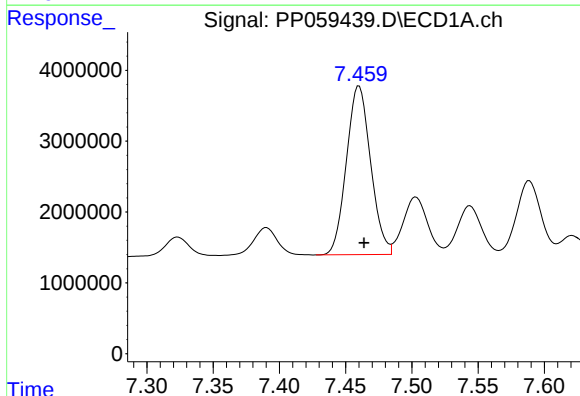
R.T.: 7.202 min
Delta R.T.: -0.004 min
Response: 29009397
Conc: 530.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



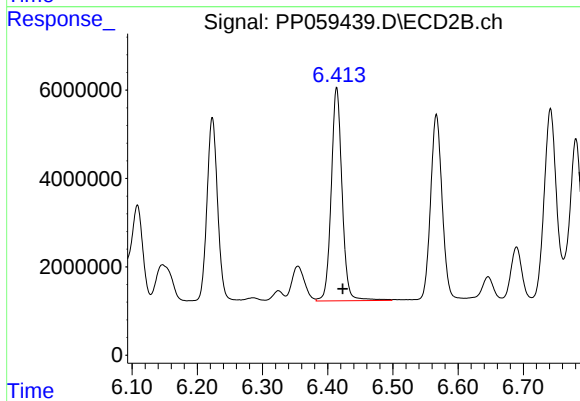
#31 AR-1260-1

R.T.: 6.223 min
Delta R.T.: -0.010 min
Response: 48017134
Conc: 484.83 ng/ml



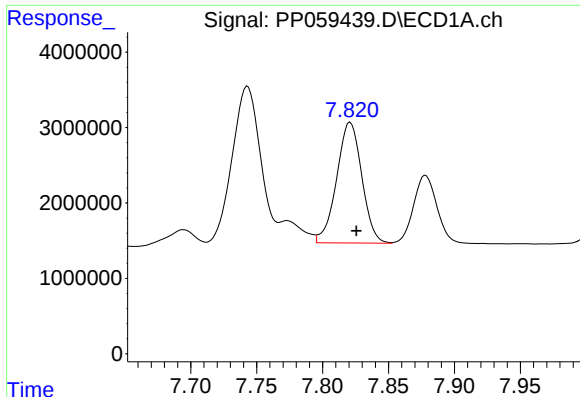
#32 AR-1260-2

R.T.: 7.460 min
Delta R.T.: -0.004 min
Response: 30298187
Conc: 508.88 ng/ml



#32 AR-1260-2

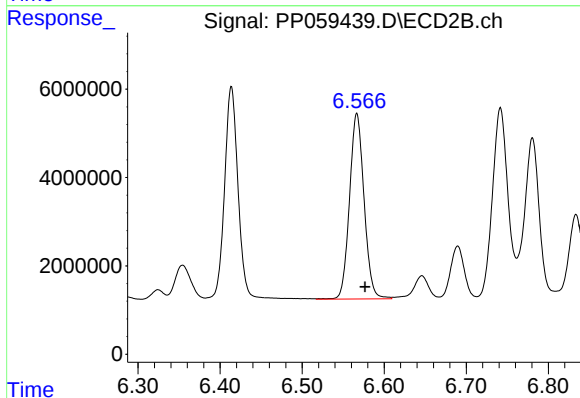
R.T.: 6.414 min
Delta R.T.: -0.010 min
Response: 55900274
Conc: 483.11 ng/ml



#33 AR-1260-3

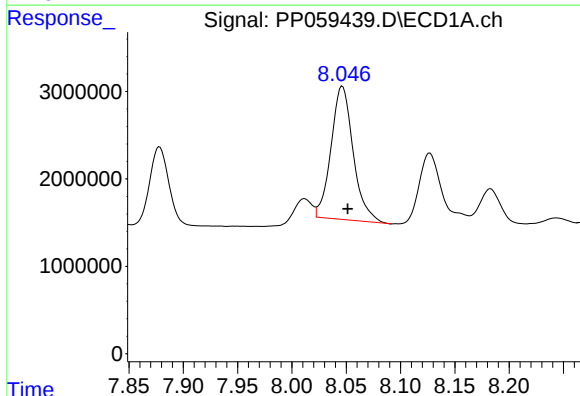
R.T.: 7.821 min
Delta R.T.: -0.005 min
Response: 21271092
Conc: 540.49 ng/ml

Instrument :
ECD_P
ClientSampleId :



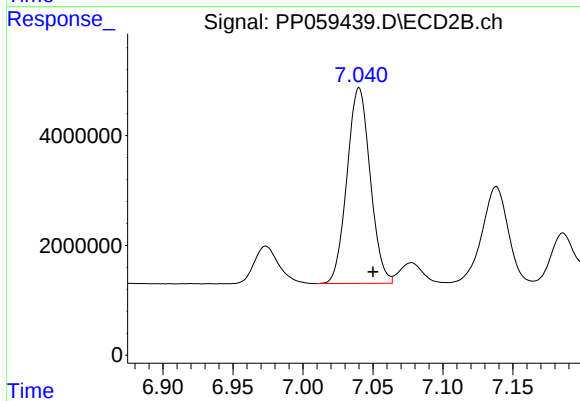
#33 AR-1260-3

R.T.: 6.567 min
Delta R.T.: -0.010 min
Response: 51784741
Conc: 465.55 ng/ml



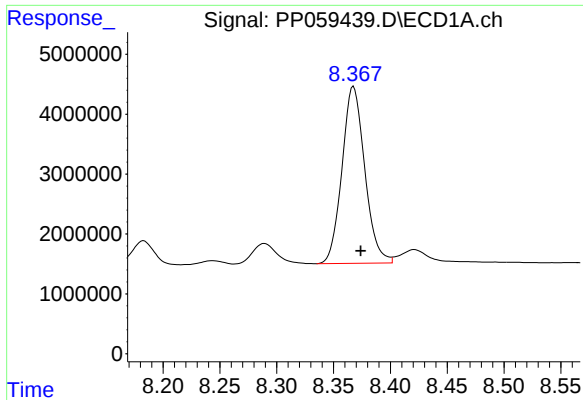
#34 AR-1260-4

R.T.: 8.046 min
Delta R.T.: -0.005 min
Response: 21686680
Conc: 488.29 ng/ml



#34 AR-1260-4

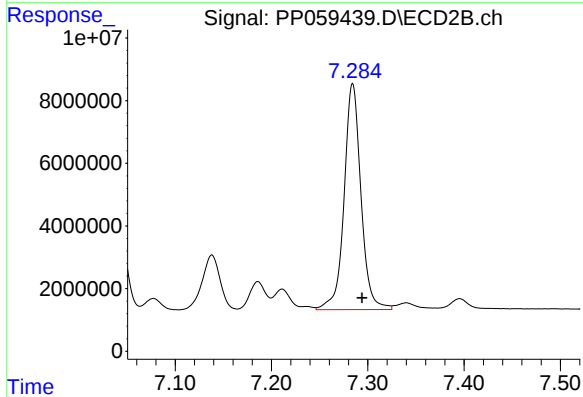
R.T.: 7.040 min
Delta R.T.: -0.010 min
Response: 41147444
Conc: 474.62 ng/ml



#35 AR-1260-5

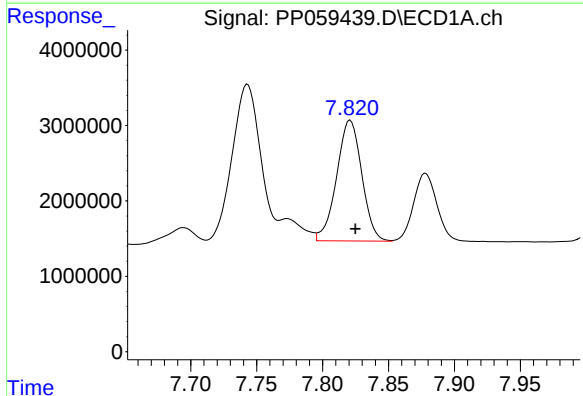
R.T.: 8.368 min
Delta R.T.: -0.006 min
Response: 41232286
Conc: 515.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



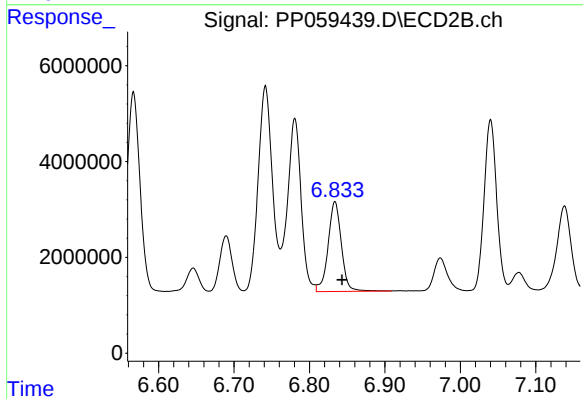
#35 AR-1260-5

R.T.: 7.284 min
Delta R.T.: -0.010 min
Response: 87296455
Conc: 473.60 ng/ml



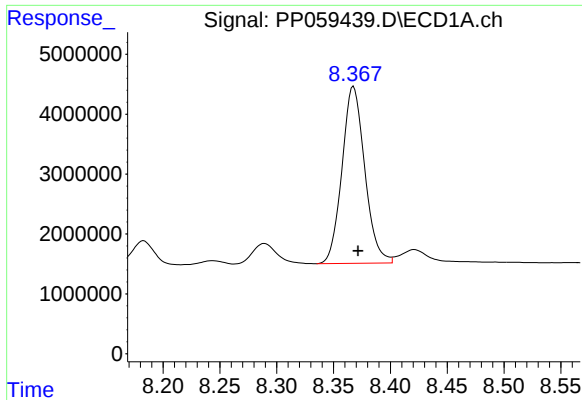
#36 AR-1262-1

R.T.: 7.821 min
Delta R.T.: -0.004 min
Response: 21271092
Conc: 333.97 ng/ml



#36 AR-1262-1

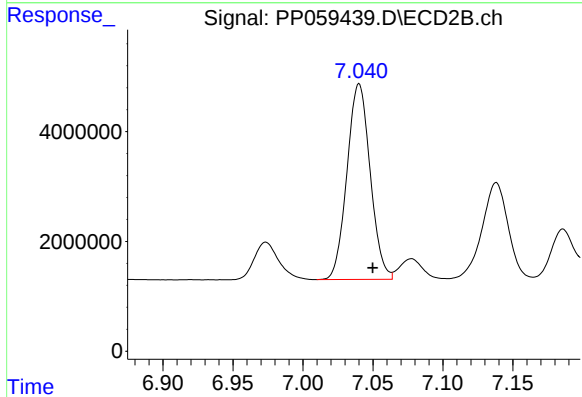
R.T.: 6.834 min
Delta R.T.: -0.009 min
Response: 23028684
Conc: 400.26 ng/ml



#37 AR-1262-2

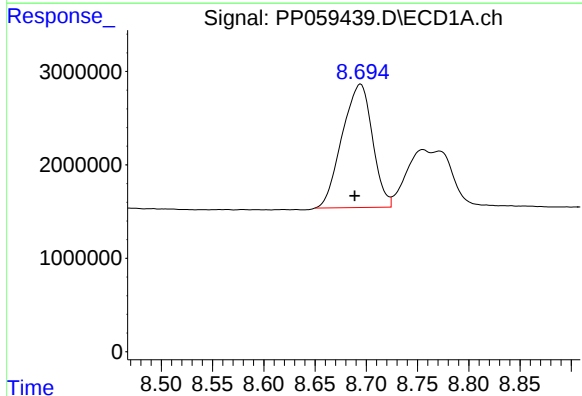
R.T.: 8.368 min
Delta R.T.: -0.004 min
Response: 41232286
Conc: 448.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



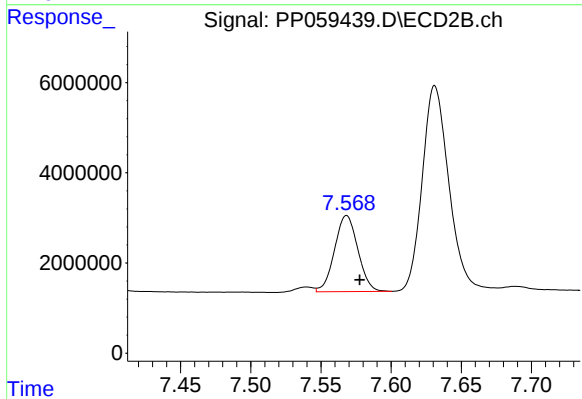
#37 AR-1262-2

R.T.: 7.040 min
Delta R.T.: -0.010 min
Response: 41147444
Conc: 348.71 ng/ml



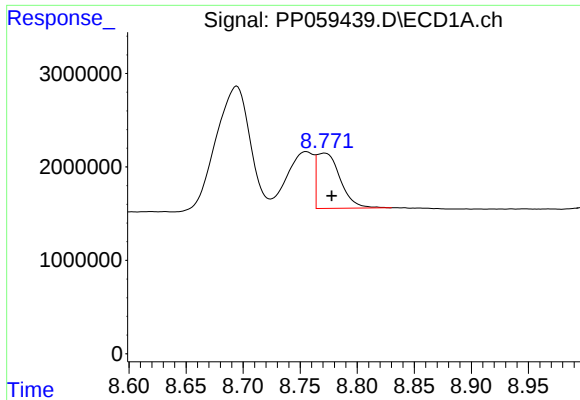
#38 AR-1262-3

R.T.: 8.694 min
Delta R.T.: 0.006 min
Response: 27125499
Conc: 421.51 ng/ml



#38 AR-1262-3

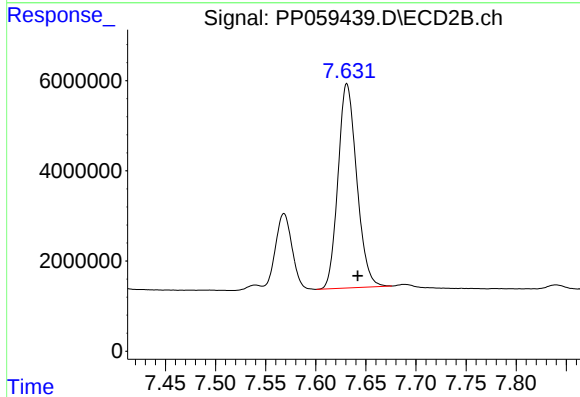
R.T.: 7.568 min
Delta R.T.: -0.009 min
Response: 19517875
Conc: 229.35 ng/ml



#39 AR-1262-4

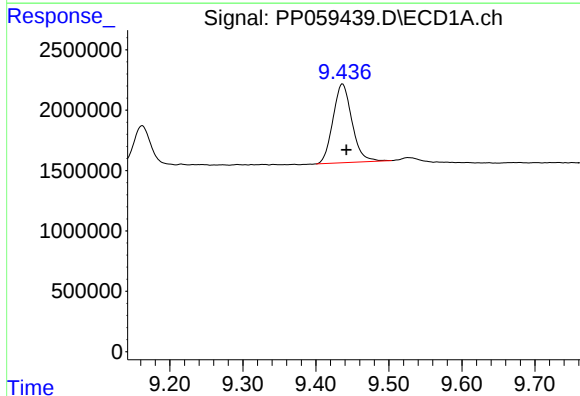
R.T.: 8.771 min
Delta R.T.: -0.007 min
Response: 8517546
Conc: 256.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



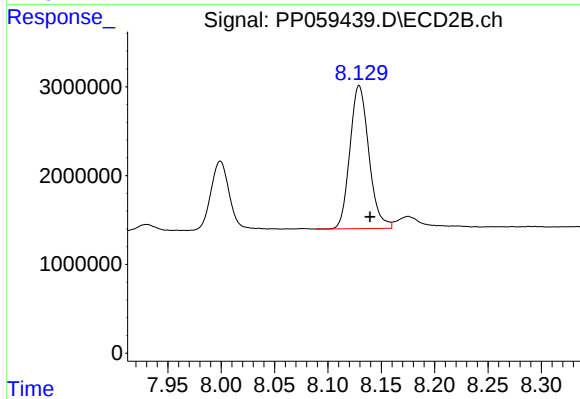
#39 AR-1262-4

R.T.: 7.631 min
Delta R.T.: -0.011 min
Response: 58868922
Conc: 389.70 ng/ml



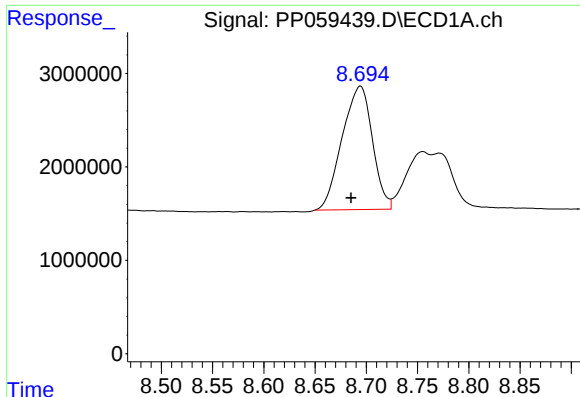
#40 AR-1262-5

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 11789637
Conc: 395.08 ng/ml



#40 AR-1262-5

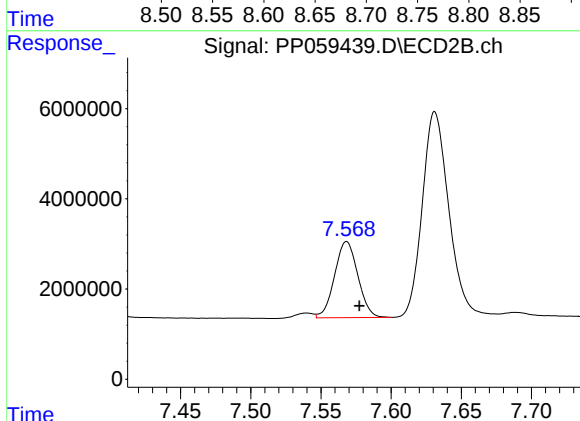
R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 19926724
Conc: 312.45 ng/ml



#41 AR-1268-1

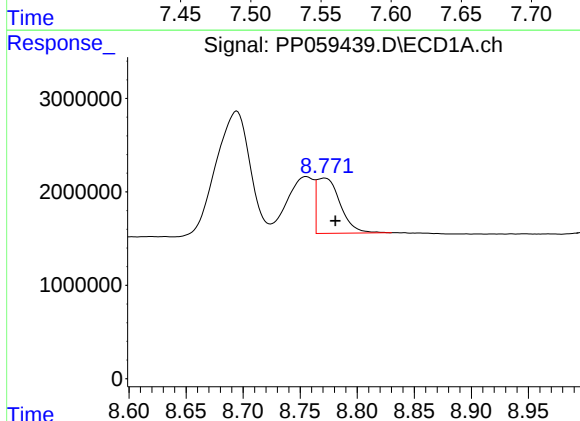
R.T.: 8.694 min
Delta R.T.: 0.009 min
Response: 27125499
Conc: 238.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



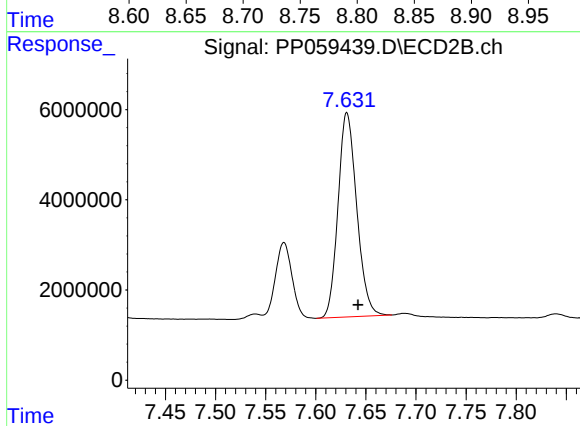
#41 AR-1268-1

R.T.: 7.568 min
Delta R.T.: -0.009 min
Response: 19517875
Conc: 80.04 ng/ml



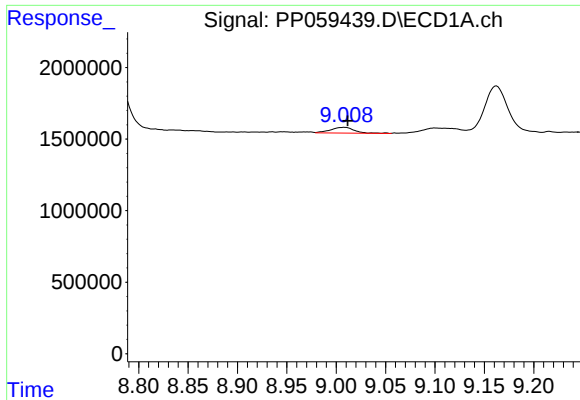
#42 AR-1268-2

R.T.: 8.771 min
Delta R.T.: -0.010 min
Response: 8517546
Conc: 86.55 ng/ml



#42 AR-1268-2

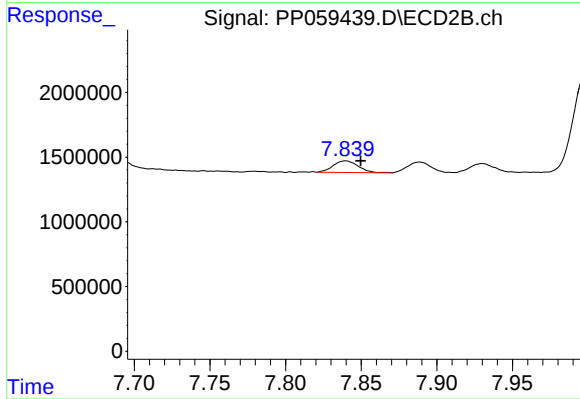
R.T.: 7.631 min
Delta R.T.: -0.011 min
Response: 58868922
Conc: 268.78 ng/ml



#43 AR-1268-3

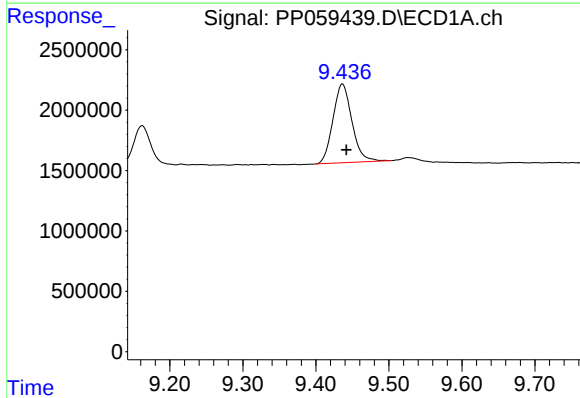
R.T.: 9.008 min
Delta R.T.: -0.004 min
Response: 653979
Conc: 7.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



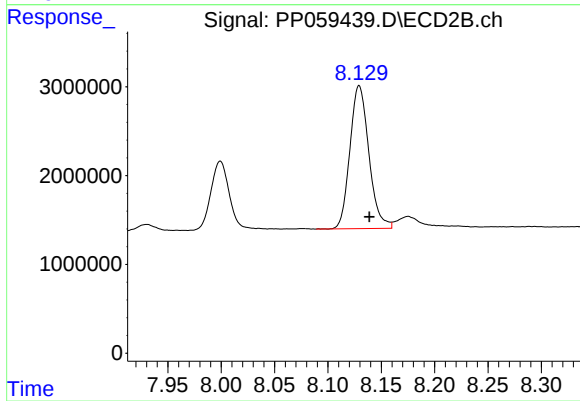
#43 AR-1268-3

R.T.: 7.840 min
Delta R.T.: -0.010 min
Response: 1028960
Conc: 5.26 ng/ml



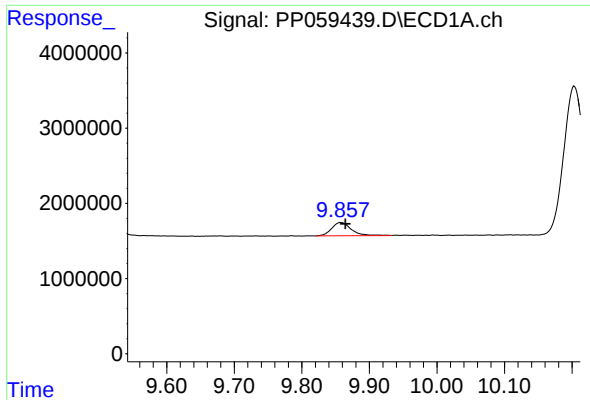
#44 AR-1268-4

R.T.: 9.437 min
Delta R.T.: -0.005 min
Response: 11789637
Conc: 369.57 ng/ml



#44 AR-1268-4

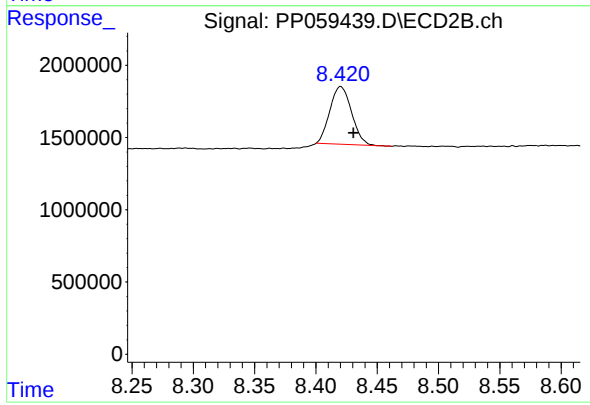
R.T.: 8.129 min
Delta R.T.: -0.010 min
Response: 19926724
Conc: 286.34 ng/ml



#45 AR-1268-5

R.T.: 9.858 min
Delta R.T.: -0.007 min
Response: 3546655
Conc: 13.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.420 min
Delta R.T.: -0.010 min
Response: 4920564
Conc: 9.49 ng/ml