

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP072423\
 Data File : PP058897.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2023 13:54
 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: Jul 24 21:31:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Jul 22 02:26:24 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...	4.428	3.667	70226640	106.0E6	51.011	55.143
2)	SA Decachlor...	10.228	8.712	48146931	67468251	55.889	47.683
Target Compounds							
3)	L1 AR-1016-1	5.603	4.762	23586162	32650178	540.150	568.060
4)	L1 AR-1016-2	5.626	4.781	33429481	47178505	536.891	573.625
5)	L1 AR-1016-3	5.688	4.958	21550668	24810660	538.254	564.198
6)	L1 AR-1016-4	5.787	5.001	17462766	20403149	541.066	524.697
7)	L1 AR-1016-5	6.083	5.214	18148958	27282102	532.139	551.527
8)	L2 AR-1221-1	4.632	3.882	2969376	3621989	166.971	153.463
9)	L2 AR-1221-2	4.724	3.969	4058842	5279259	309.630	296.011
10)	L2 AR-1221-3	4.800	4.045	14053743	19524934	362.359	353.899
11)	L3 AR-1232-1	4.800	4.045	14053743	19524934	437.029	430.112
12)	L3 AR-1232-2	5.334	4.781	18909567	47178505	1044.195	1221.874
13)	L3 AR-1232-3	5.626	4.958	33429481	24810660	1128.294	1194.192
14)	L3 AR-1232-4	5.787	5.043	17462766	24814413	1163.389	1226.131
15)	L3 AR-1232-5	5.878	5.214	15587398	27282102	1203.307	1220.289
16)	L4 AR-1242-1	5.603	4.762	23586162	32650178	623.945	656.907
17)	L4 AR-1242-2	5.626	4.781	33429481	47178505	620.824	661.826
18)	L4 AR-1242-3	5.688	4.958	21550668	24810660	622.254	654.342
19)	L4 AR-1242-4	5.787	5.043	17462766	24814413	620.321	616.459
20)	L4 AR-1242-5	6.528	5.569	4562109	25715289	160.758	534.179 #
21)	L5 AR-1248-1	5.603	4.762	23586162	32650178	852.366	906.386
22)	L5 AR-1248-2	5.878	5.001	15587398	20403149	362.573	360.028
23)	L5 AR-1248-3	6.083	5.043	18148958	24814413	387.299	433.254
24)	L5 AR-1248-4	6.488	5.214	5532630	27282102	116.997	401.394 #
25)	L5 AR-1248-5	6.528	5.610	4562109	6766302	99.542	111.036
26)	L6 AR-1254-1	6.462	5.569	14974617	25715289	282.314	254.284
27)	L6 AR-1254-2	6.682	5.718	12477758	19061335	159.371	220.473 #
28)	L6 AR-1254-3	7.051	6.139	5871749	33584039	74.921	244.453 #
29)	L6 AR-1254-4	7.337	6.353	3353763	2421191	64.232	30.303 #
30)	L6 AR-1254-5	7.755	6.772	33761110	54274528	627.871	450.837 #
31)	L7 AR-1260-1	7.216	6.254	27845799	49735884	480.140	502.515
32)	L7 AR-1260-2	7.473	6.444	30652889	58678978	505.878	516.118
33)	L7 AR-1260-3	7.834	6.598	22638557	52659086	511.328	481.134
34)	L7 AR-1260-4	8.059	7.072	25280173	35996931	512.557	423.331
35)	L7 AR-1260-5	8.382	7.314	47753221	76192407	535.589	449.299
36)	L8 AR-1262-1	7.834	6.865	22638557	20992468	331.776	384.136
37)	L8 AR-1262-2	8.382	7.072	47753221	35996931	435.671	312.158 #
38)	L8 AR-1262-3	8.709	7.599	32429894	15957654	413.767	181.315 #
39)	L8 AR-1262-4	8.787	7.662	9778812	54319845	161.744	345.066 #
40)	L8 AR-1262-5	9.455	8.161	12922234	18896102	332.681	277.271
41)	L9 AR-1268-1	8.709	7.599	32429894	15957654	242.109	65.817 #

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 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

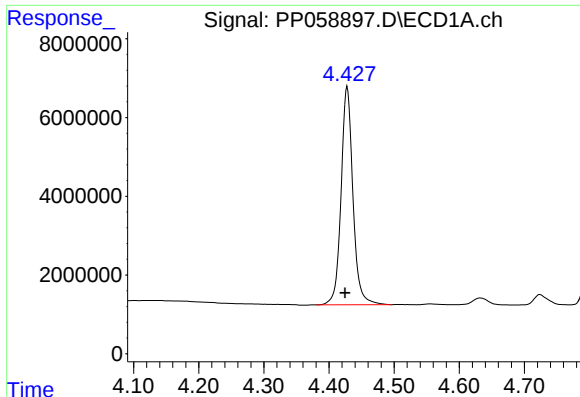
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 21:31:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP072123.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	8.787	7.662	9778812	54319845	82.134	244.888 #
43) L9	AR-1268-3	9.021	7.872	638319	830939	5.966	4.077 #
44) L9	AR-1268-4	9.455	8.161	12922234	18896102	310.841	255.591
45) L9	AR-1268-5	9.881	8.455	4009414	4954301	12.521	8.997 #

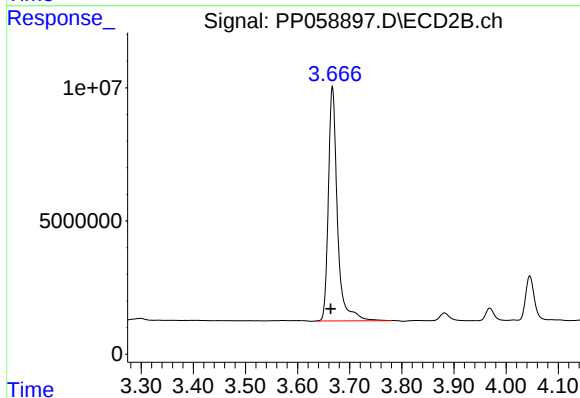
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

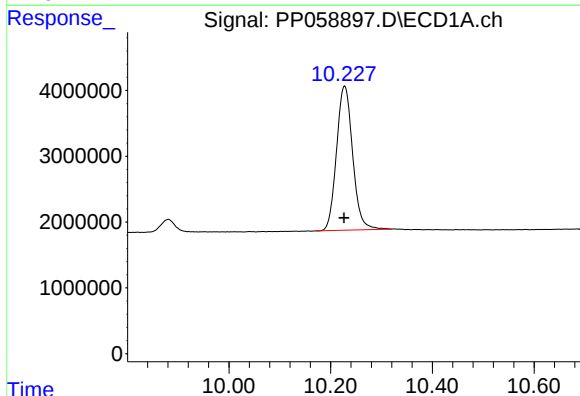
R.T.: 4.428 min
Delta R.T.: 0.003 min
Response: 70226640
Conc: 51.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



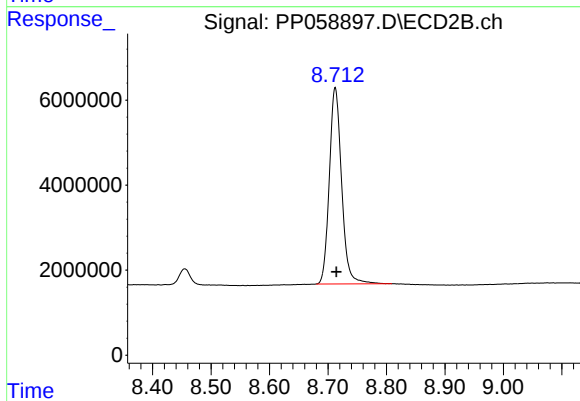
#1 Tetrachloro-m-xylene

R.T.: 3.667 min
Delta R.T.: 0.003 min
Response: 106046079
Conc: 55.14 ng/ml



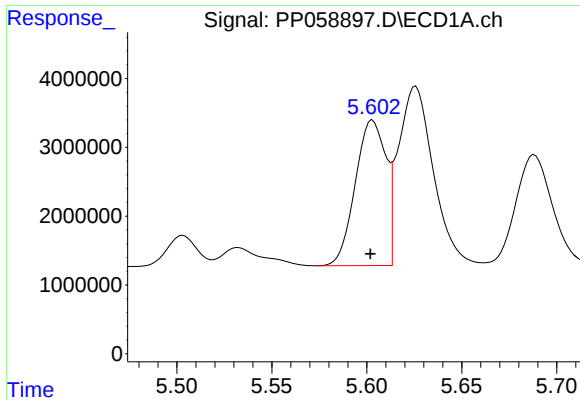
#2 Decachlorobiphenyl

R.T.: 10.228 min
Delta R.T.: 0.001 min
Response: 48146931
Conc: 55.89 ng/ml



#2 Decachlorobiphenyl

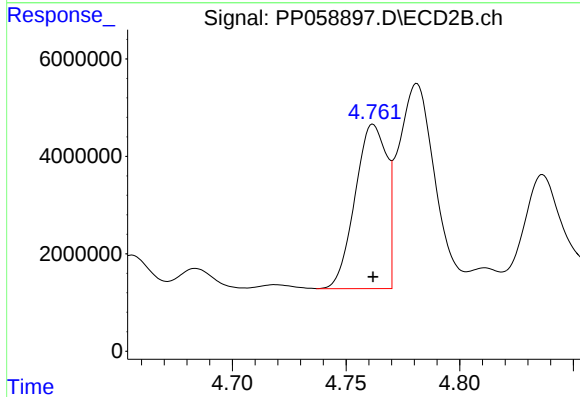
R.T.: 8.712 min
Delta R.T.: -0.002 min
Response: 67468251
Conc: 47.68 ng/ml



#3 AR-1016-1

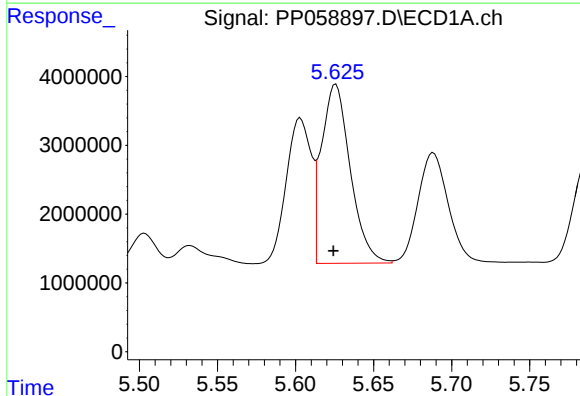
R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 23586162
Conc: 540.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



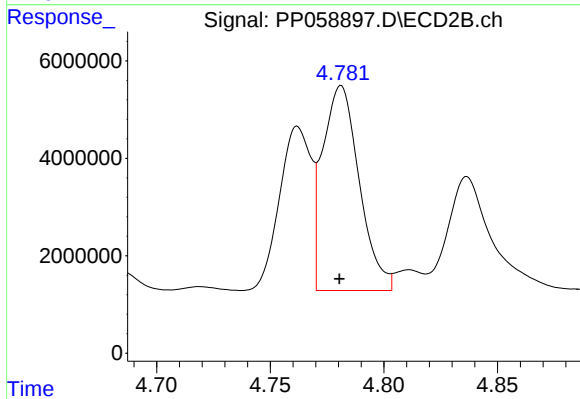
#3 AR-1016-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 32650178
Conc: 568.06 ng/ml



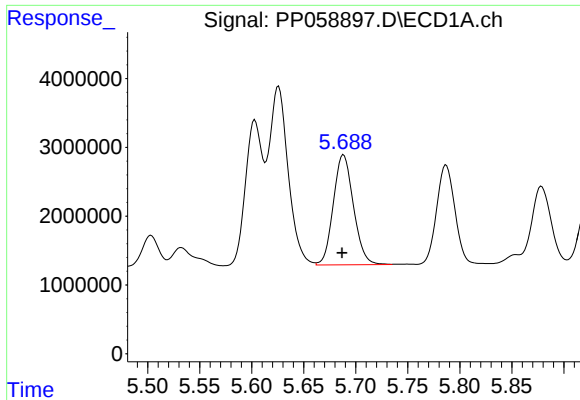
#4 AR-1016-2

R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 33429481
Conc: 536.89 ng/ml



#4 AR-1016-2

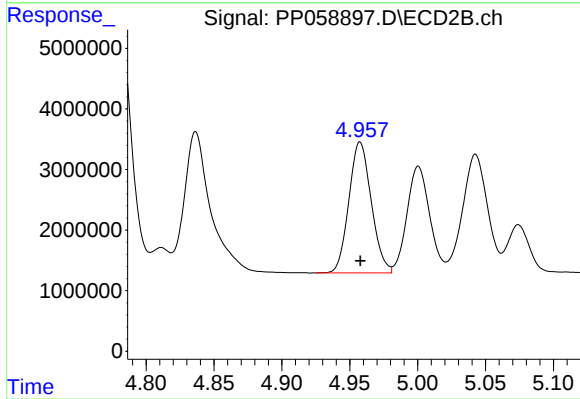
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 47178505
Conc: 573.62 ng/ml



#5 AR-1016-3

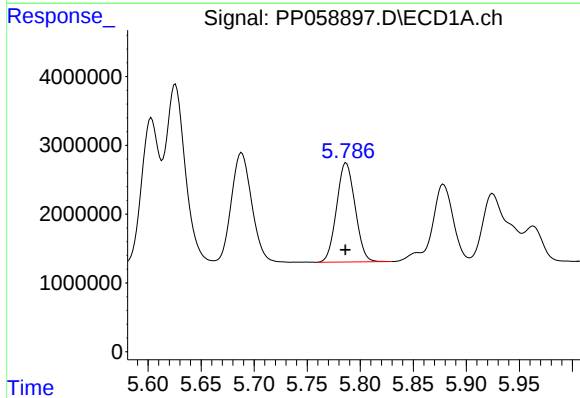
R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 21550668
Conc: 538.25 ng/ml

Instrument :
ECD_P
ClientSampleId :



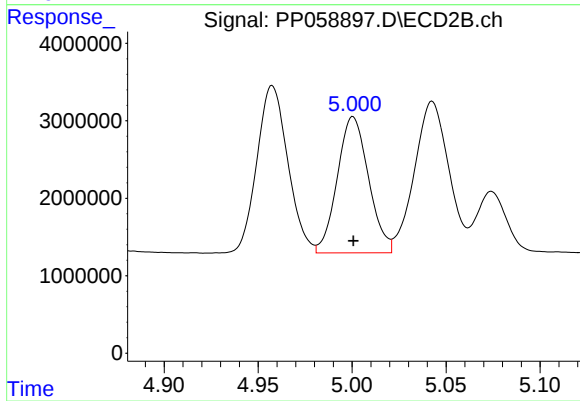
#5 AR-1016-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 24810660
Conc: 564.20 ng/ml



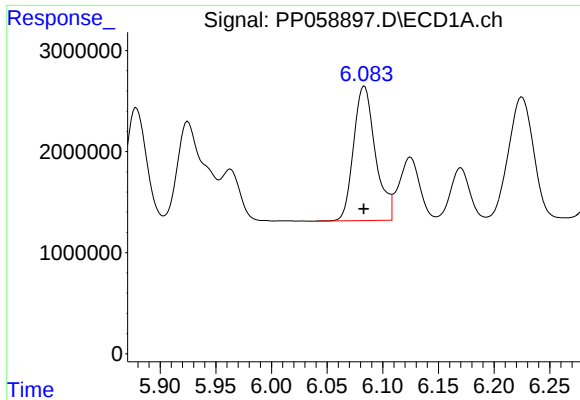
#6 AR-1016-4

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 17462766
Conc: 541.07 ng/ml



#6 AR-1016-4

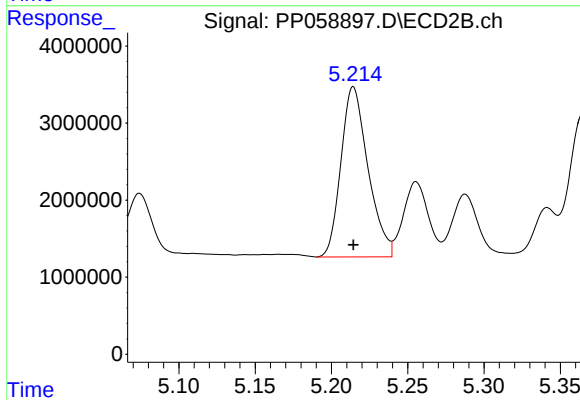
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 20403149
Conc: 524.70 ng/ml



#7 AR-1016-5

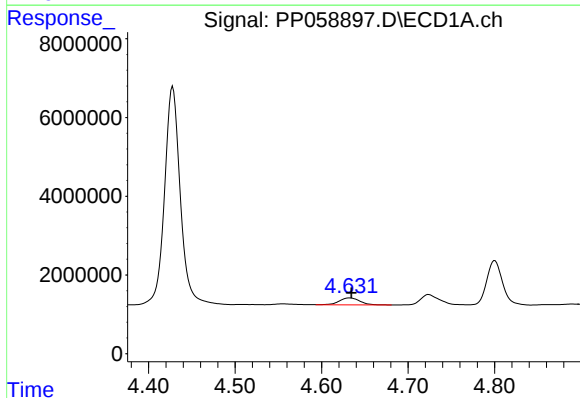
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 18148958
Conc: 532.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



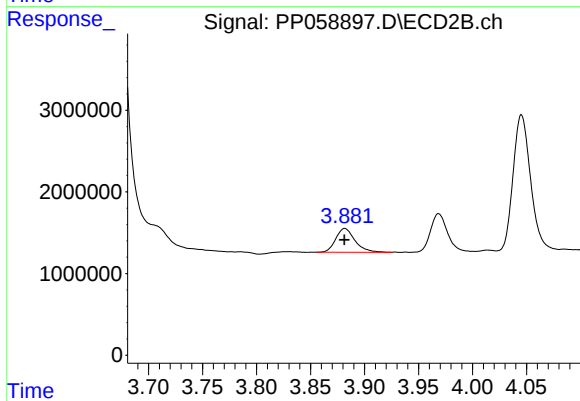
#7 AR-1016-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 27282102
Conc: 551.53 ng/ml



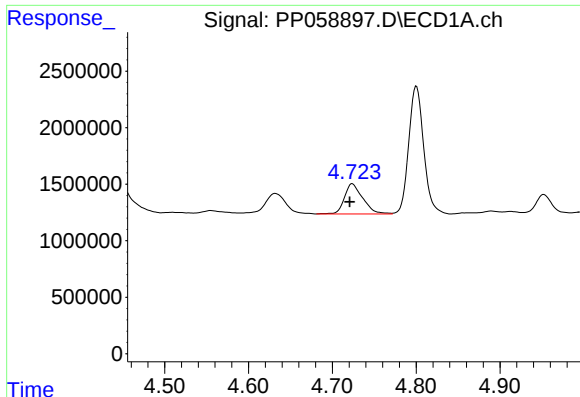
#8 AR-1221-1

R.T.: 4.632 min
Delta R.T.: -0.002 min
Response: 2969376
Conc: 166.97 ng/ml



#8 AR-1221-1

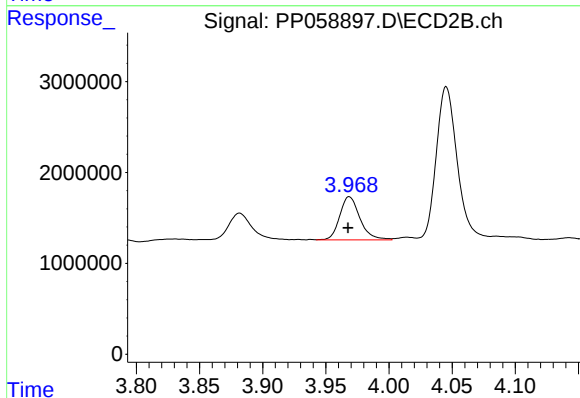
R.T.: 3.882 min
Delta R.T.: 0.000 min
Response: 3621989
Conc: 153.46 ng/ml



#9 AR-1221-2

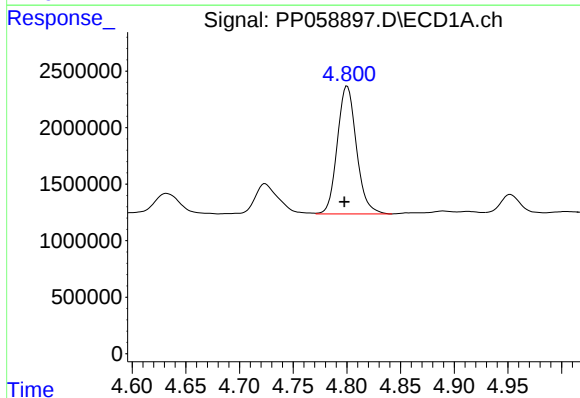
R.T.: 4.724 min
Delta R.T.: 0.003 min
Response: 4058842
Conc: 309.63 ng/ml

Instrument :
ECD_P
ClientSampleId :



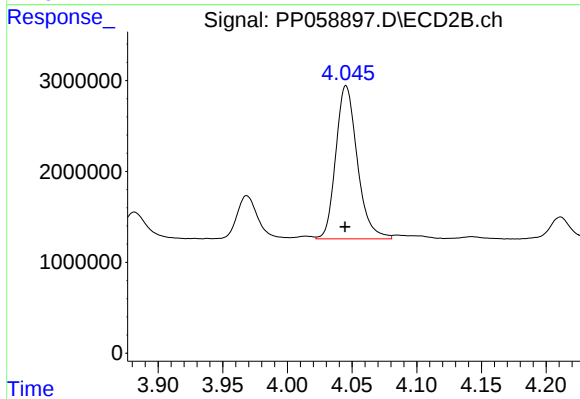
#9 AR-1221-2

R.T.: 3.969 min
Delta R.T.: 0.001 min
Response: 5279259
Conc: 296.01 ng/ml



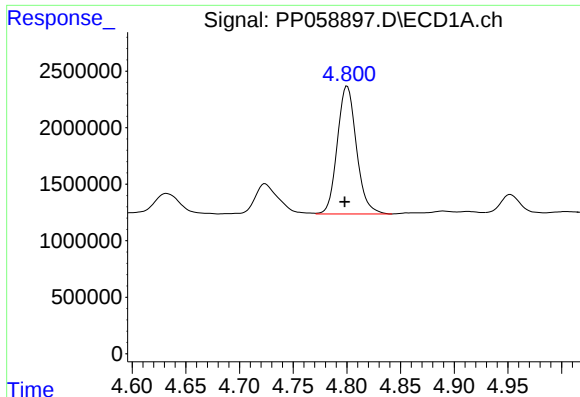
#10 AR-1221-3

R.T.: 4.800 min
Delta R.T.: 0.003 min
Response: 14053743
Conc: 362.36 ng/ml



#10 AR-1221-3

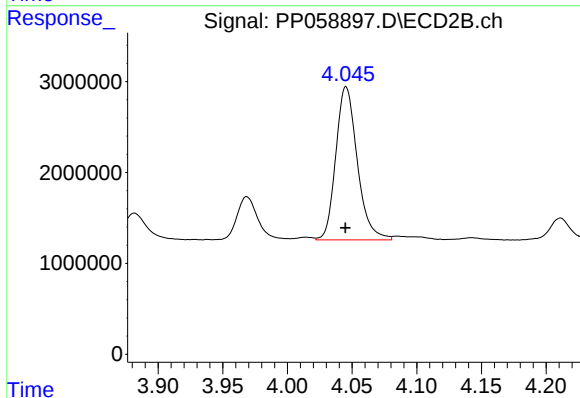
R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 19524934
Conc: 353.90 ng/ml



#11 AR-1232-1

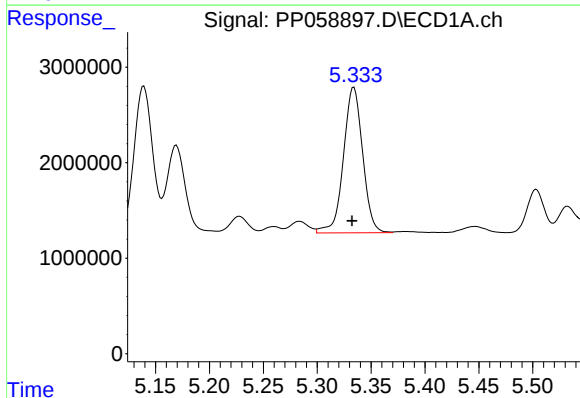
R.T.: 4.800 min
Delta R.T.: 0.002 min
Response: 14053743
Conc: 437.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



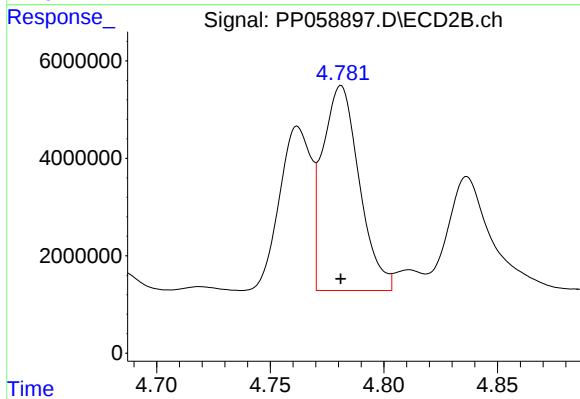
#11 AR-1232-1

R.T.: 4.045 min
Delta R.T.: 0.000 min
Response: 19524934
Conc: 430.11 ng/ml



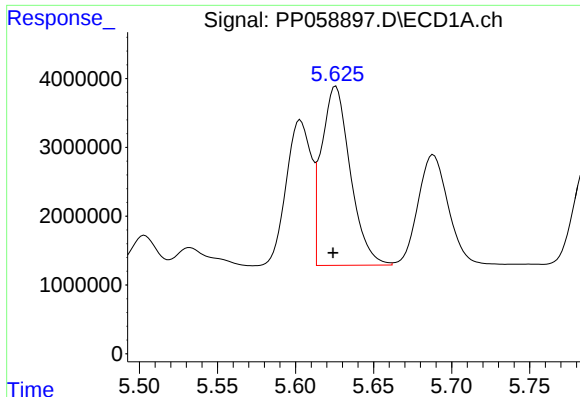
#12 AR-1232-2

R.T.: 5.334 min
Delta R.T.: 0.002 min
Response: 18909567
Conc: 1044.20 ng/ml



#12 AR-1232-2

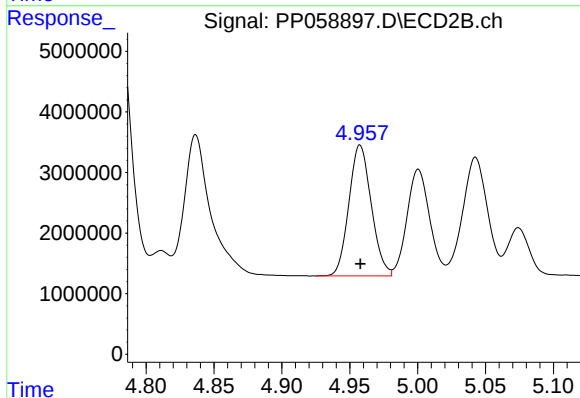
R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 47178505
Conc: 1221.87 ng/ml



#13 AR-1232-3

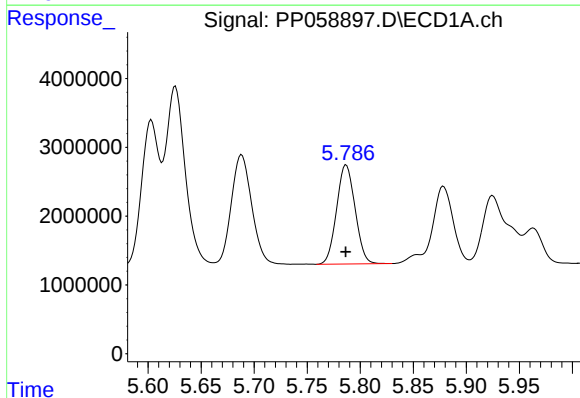
R.T.: 5.626 min
Delta R.T.: 0.002 min
Response: 33429481
Conc: 1128.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



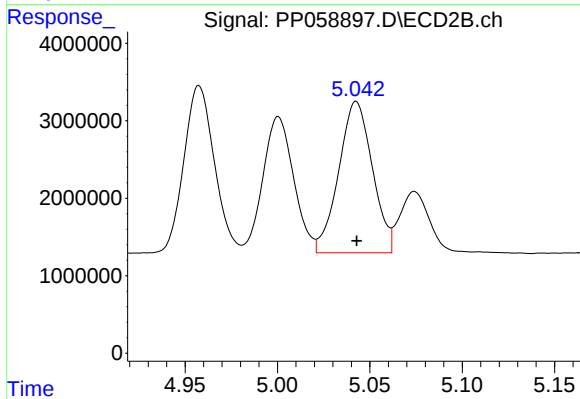
#13 AR-1232-3

R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 24810660
Conc: 1194.19 ng/ml



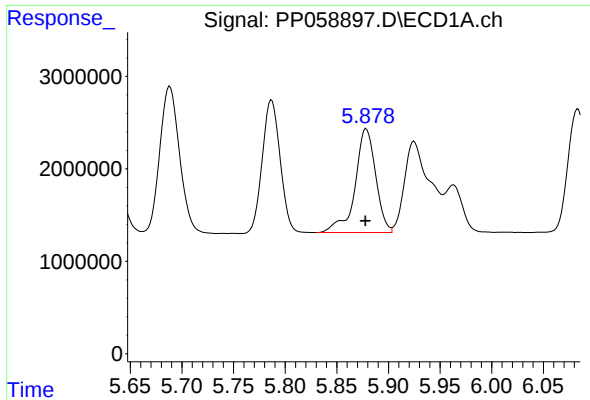
#14 AR-1232-4

R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 17462766
Conc: 1163.39 ng/ml



#14 AR-1232-4

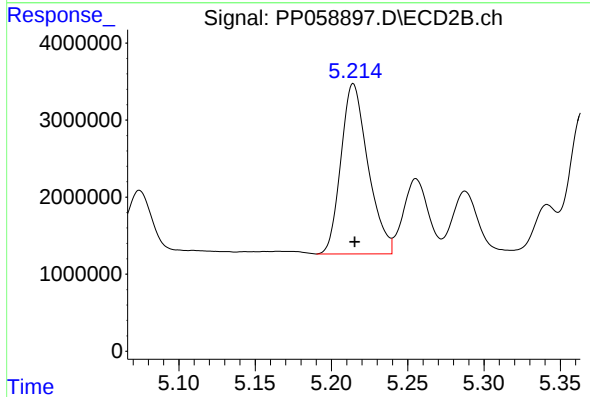
R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 24814413
Conc: 1226.13 ng/ml



#15 AR-1232-5

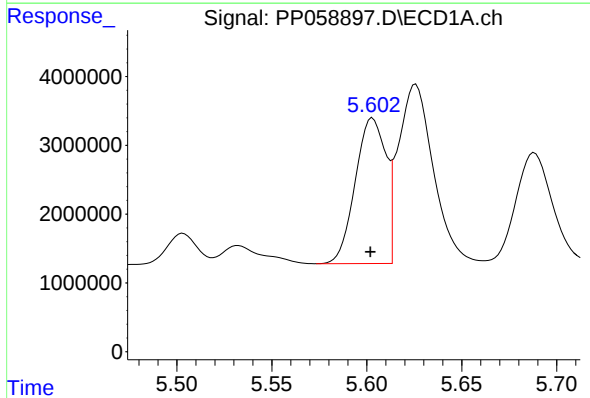
R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 15587398
Conc: 1203.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



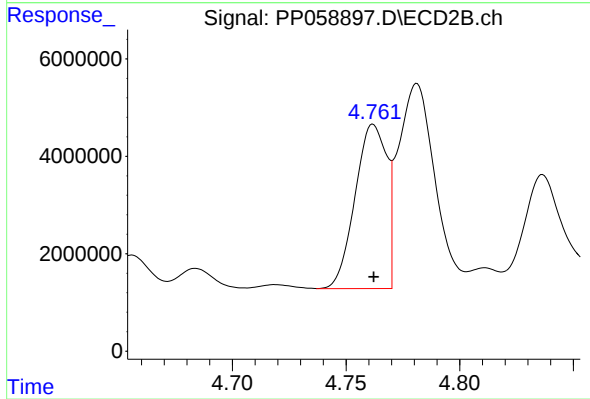
#15 AR-1232-5

R.T.: 5.214 min
Delta R.T.: 0.000 min
Response: 27282102
Conc: 1220.29 ng/ml



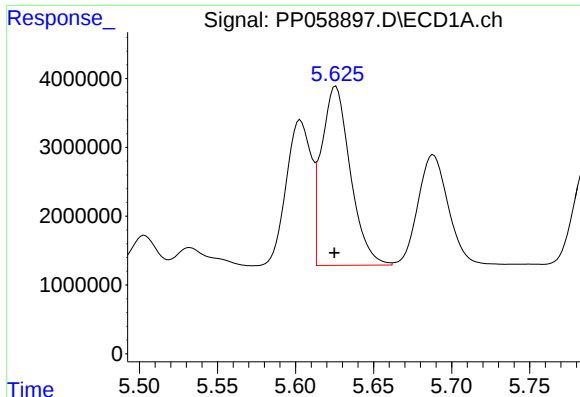
#16 AR-1242-1

R.T.: 5.603 min
Delta R.T.: 0.001 min
Response: 23586162
Conc: 623.95 ng/ml



#16 AR-1242-1

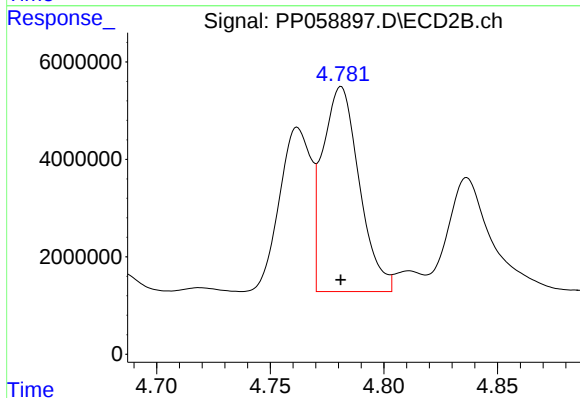
R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 32650178
Conc: 656.91 ng/ml



#17 AR-1242-2

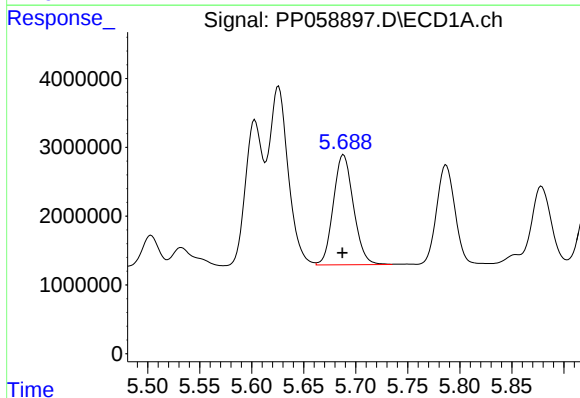
R.T.: 5.626 min
Delta R.T.: 0.000 min
Response: 33429481
Conc: 620.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



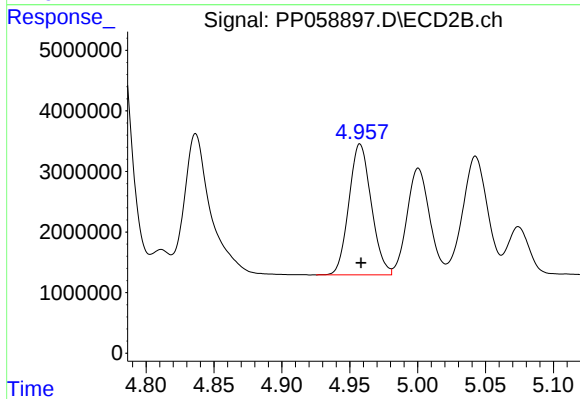
#17 AR-1242-2

R.T.: 4.781 min
Delta R.T.: 0.000 min
Response: 47178505
Conc: 661.83 ng/ml



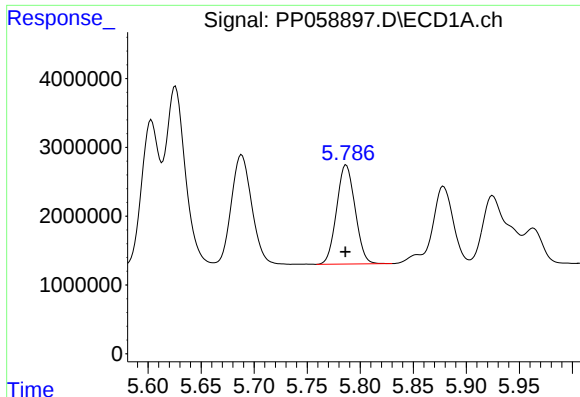
#18 AR-1242-3

R.T.: 5.688 min
Delta R.T.: 0.001 min
Response: 21550668
Conc: 622.25 ng/ml



#18 AR-1242-3

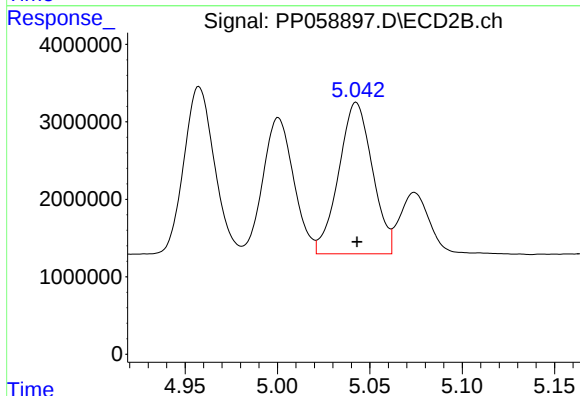
R.T.: 4.958 min
Delta R.T.: 0.000 min
Response: 24810660
Conc: 654.34 ng/ml



#19 AR-1242-4

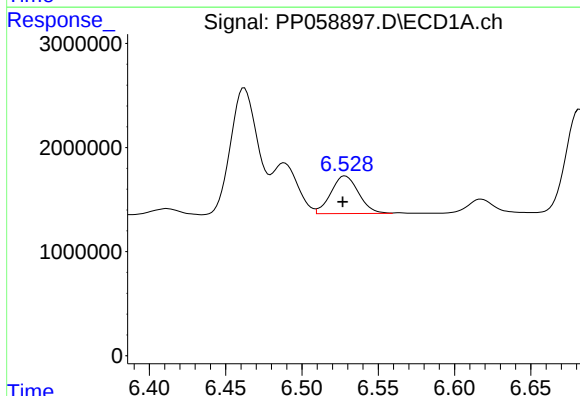
R.T.: 5.787 min
Delta R.T.: 0.000 min
Response: 17462766
Conc: 620.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



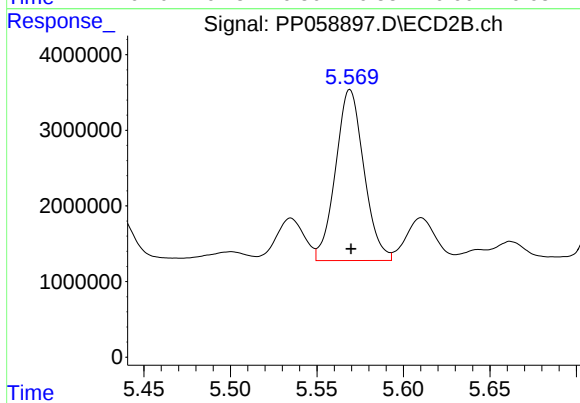
#19 AR-1242-4

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 24814413
Conc: 616.46 ng/ml



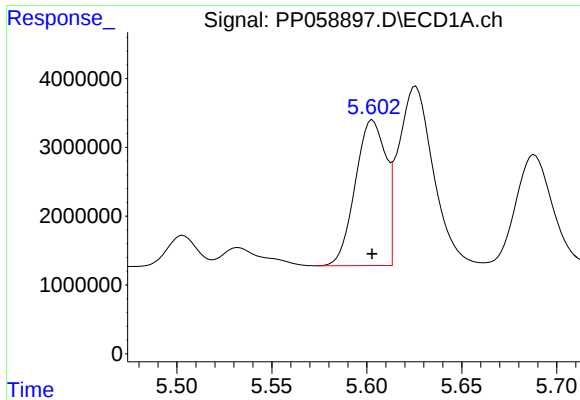
#20 AR-1242-5

R.T.: 6.528 min
Delta R.T.: 0.001 min
Response: 4562109
Conc: 160.76 ng/ml



#20 AR-1242-5

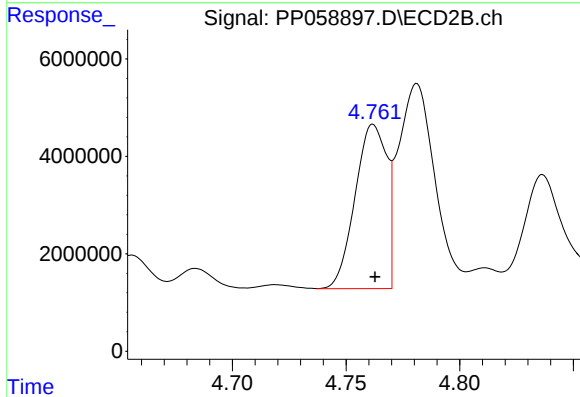
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 25715289
Conc: 534.18 ng/ml



#21 AR-1248-1

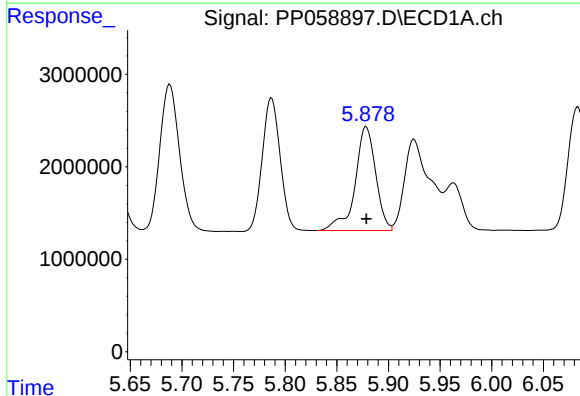
R.T.: 5.603 min
Delta R.T.: 0.000 min
Response: 23586162
Conc: 852.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



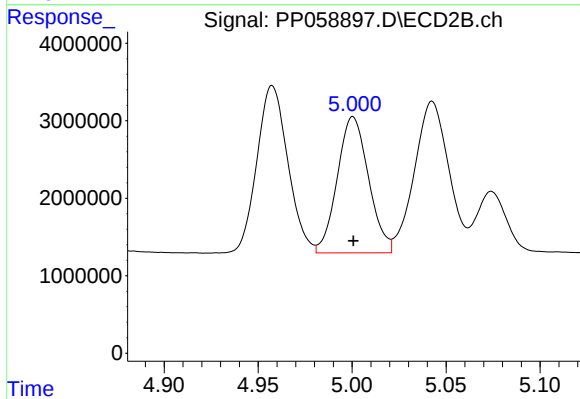
#21 AR-1248-1

R.T.: 4.762 min
Delta R.T.: 0.000 min
Response: 32650178
Conc: 906.39 ng/ml



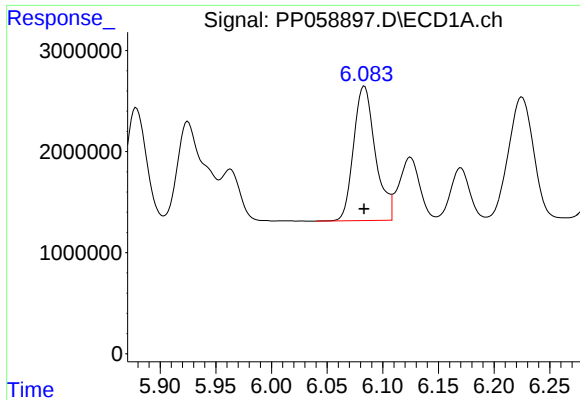
#22 AR-1248-2

R.T.: 5.878 min
Delta R.T.: 0.000 min
Response: 15587398
Conc: 362.57 ng/ml



#22 AR-1248-2

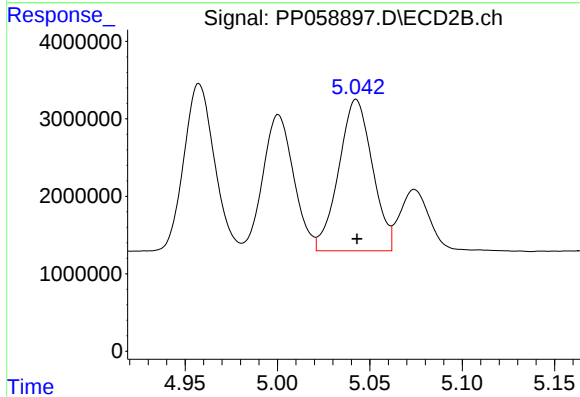
R.T.: 5.001 min
Delta R.T.: 0.000 min
Response: 20403149
Conc: 360.03 ng/ml



#23 AR-1248-3

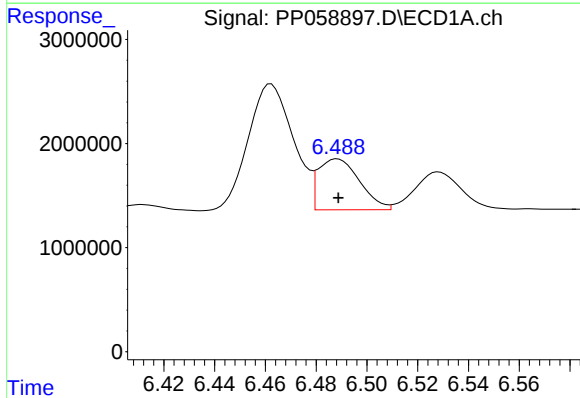
R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 18148958
Conc: 387.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



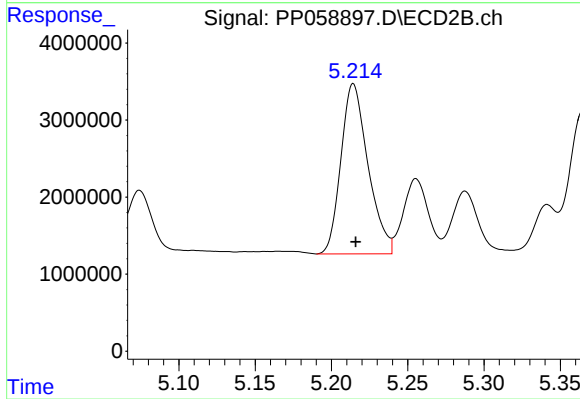
#23 AR-1248-3

R.T.: 5.043 min
Delta R.T.: 0.000 min
Response: 24814413
Conc: 433.25 ng/ml



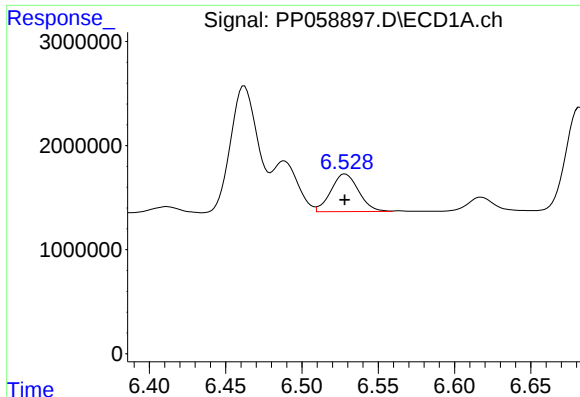
#24 AR-1248-4

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 5532630
Conc: 117.00 ng/ml



#24 AR-1248-4

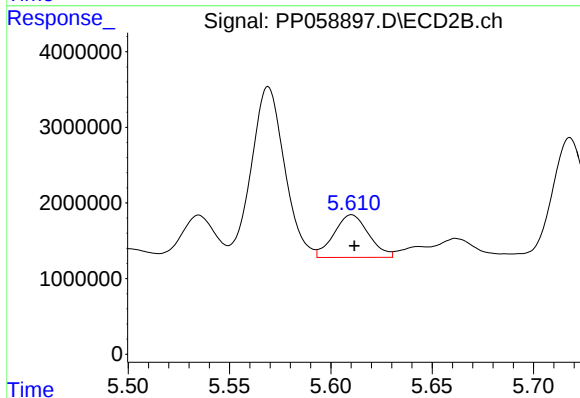
R.T.: 5.214 min
Delta R.T.: -0.001 min
Response: 27282102
Conc: 401.39 ng/ml



#25 AR-1248-5

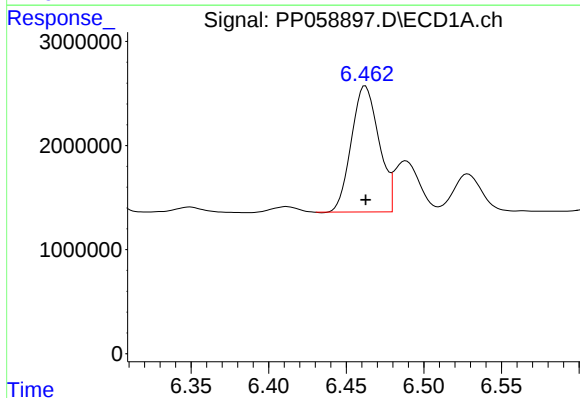
R.T.: 6.528 min
Delta R.T.: 0.000 min
Response: 4562109
Conc: 99.54 ng/ml

Instrument :
ECD_P
ClientSampleId :



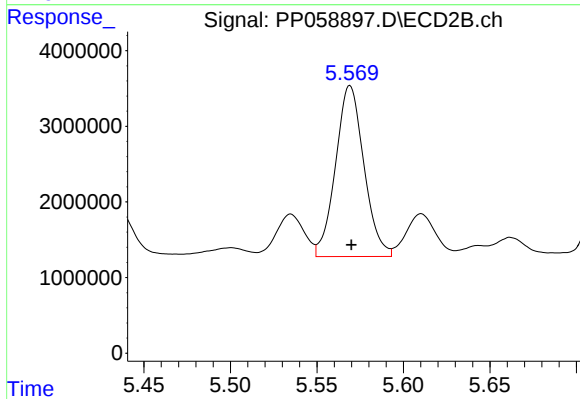
#25 AR-1248-5

R.T.: 5.610 min
Delta R.T.: -0.001 min
Response: 6766302
Conc: 111.04 ng/ml



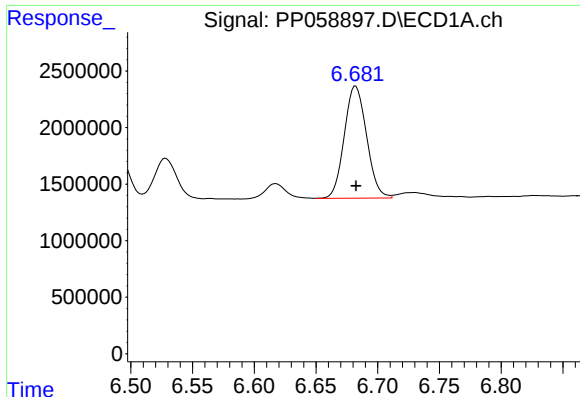
#26 AR-1254-1

R.T.: 6.462 min
Delta R.T.: 0.000 min
Response: 14974617
Conc: 282.31 ng/ml



#26 AR-1254-1

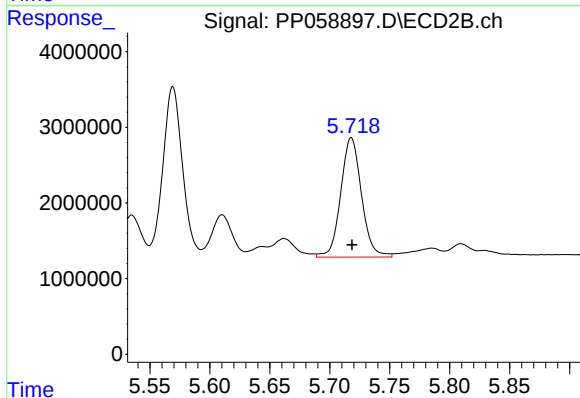
R.T.: 5.569 min
Delta R.T.: 0.000 min
Response: 25715289
Conc: 254.28 ng/ml



#27 AR-1254-2

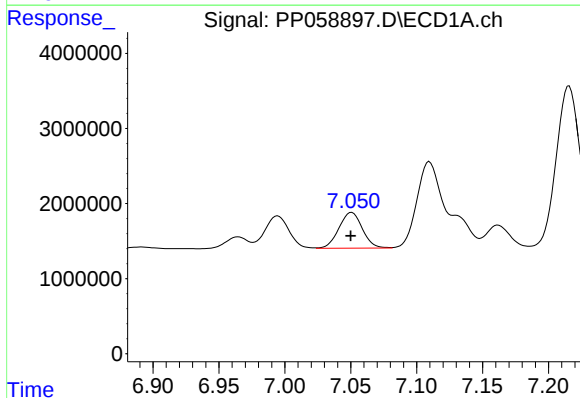
R.T.: 6.682 min
Delta R.T.: 0.000 min
Response: 12477758
Conc: 159.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



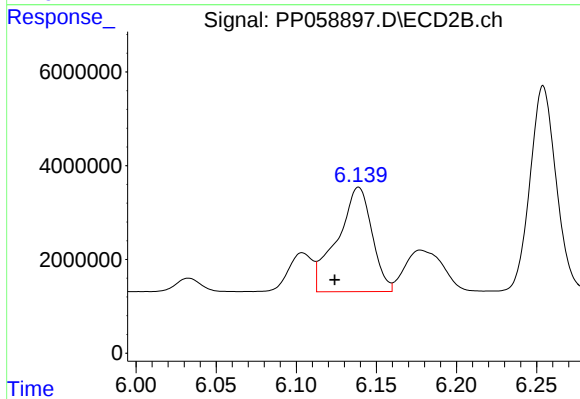
#27 AR-1254-2

R.T.: 5.718 min
Delta R.T.: 0.000 min
Response: 19061335
Conc: 220.47 ng/ml



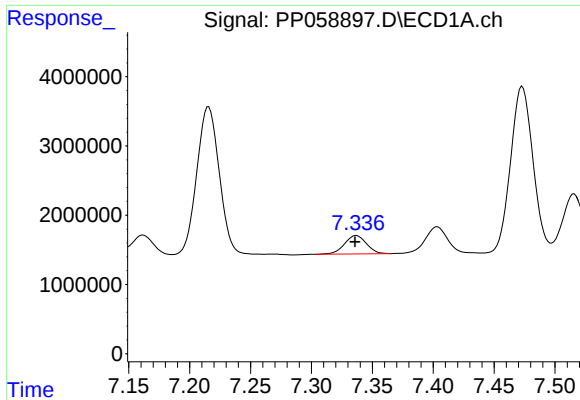
#28 AR-1254-3

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 5871749
Conc: 74.92 ng/ml



#28 AR-1254-3

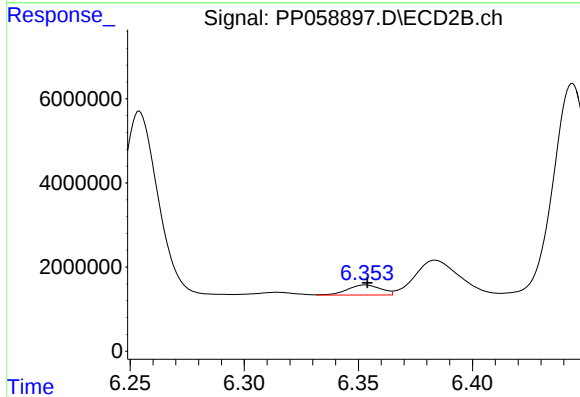
R.T.: 6.139 min
Delta R.T.: 0.015 min
Response: 33584039
Conc: 244.45 ng/ml



#29 AR-1254-4

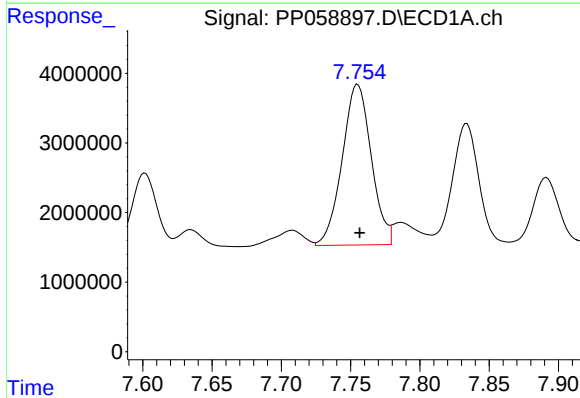
R.T.: 7.337 min
Delta R.T.: 0.000 min
Response: 3353763
Conc: 64.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



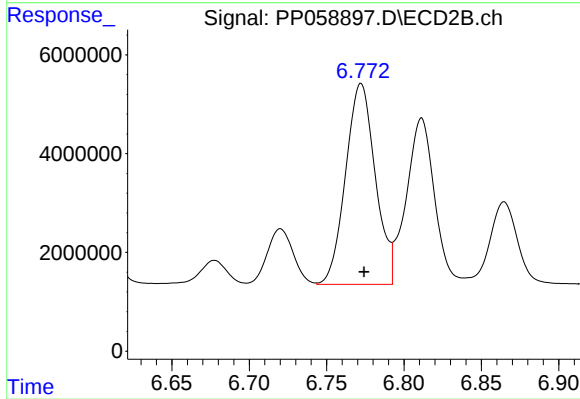
#29 AR-1254-4

R.T.: 6.353 min
Delta R.T.: 0.000 min
Response: 2421191
Conc: 30.30 ng/ml



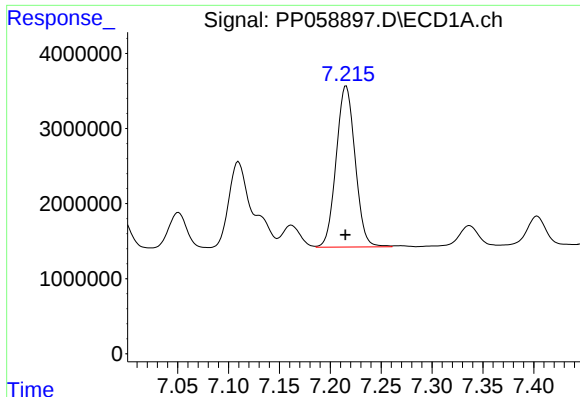
#30 AR-1254-5

R.T.: 7.755 min
Delta R.T.: -0.001 min
Response: 33761110
Conc: 627.87 ng/ml



#30 AR-1254-5

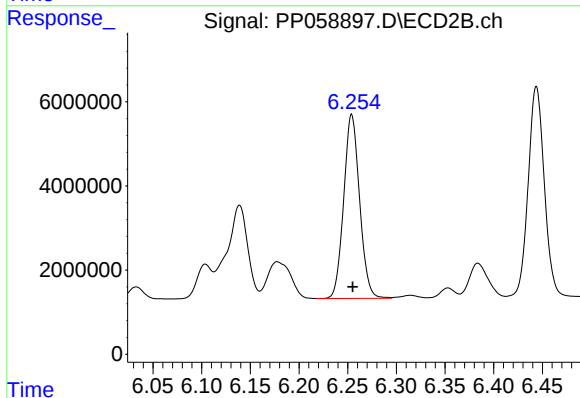
R.T.: 6.772 min
Delta R.T.: -0.002 min
Response: 54274528
Conc: 450.84 ng/ml



#31 AR-1260-1

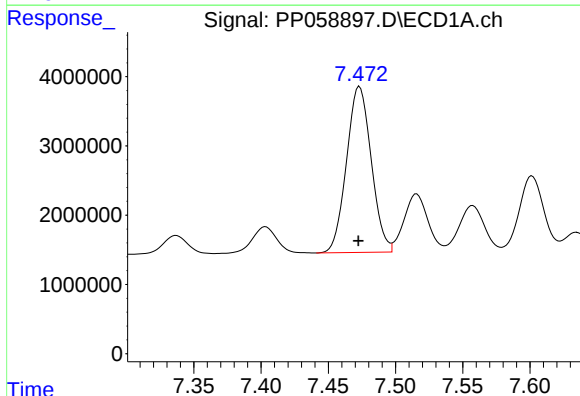
R.T.: 7.216 min
Delta R.T.: 0.000 min
Response: 27845799
Conc: 480.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



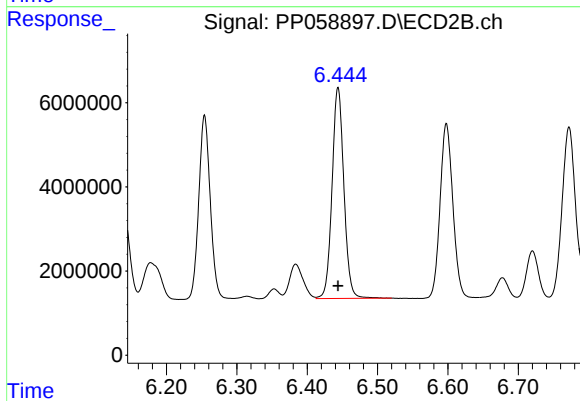
#31 AR-1260-1

R.T.: 6.254 min
Delta R.T.: -0.001 min
Response: 49735884
Conc: 502.52 ng/ml



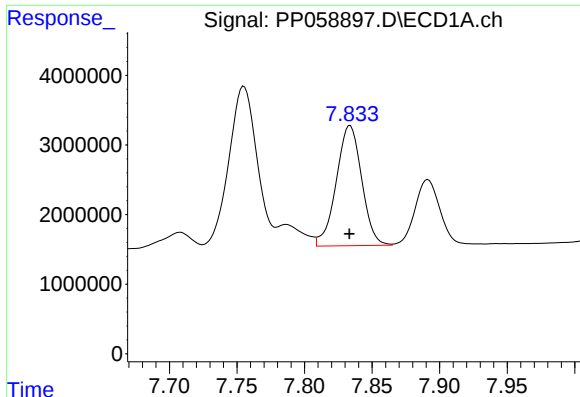
#32 AR-1260-2

R.T.: 7.473 min
Delta R.T.: 0.000 min
Response: 30652889
Conc: 505.88 ng/ml



#32 AR-1260-2

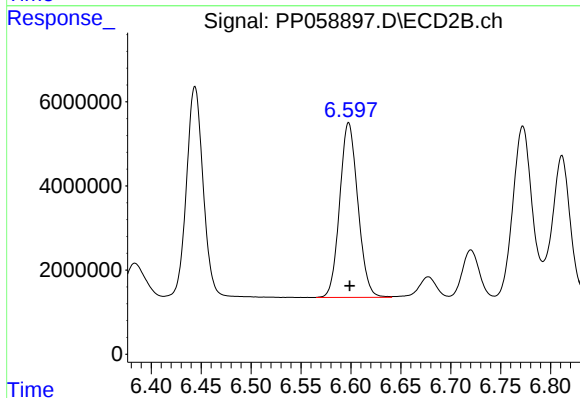
R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 58678978
Conc: 516.12 ng/ml



#33 AR-1260-3

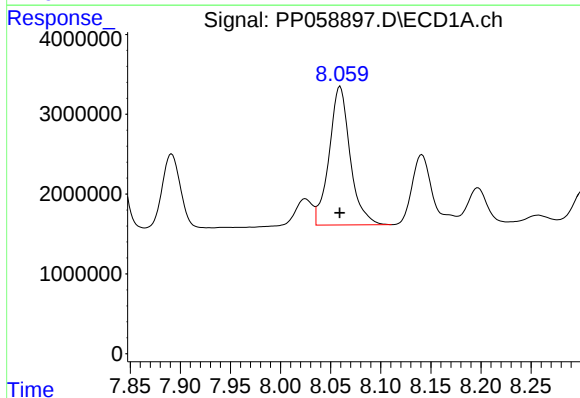
R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 22638557
Conc: 511.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



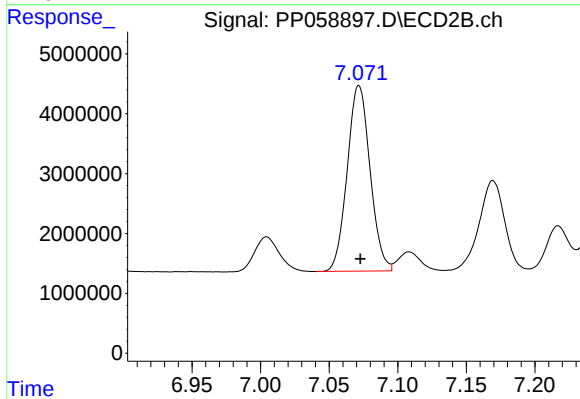
#33 AR-1260-3

R.T.: 6.598 min
Delta R.T.: -0.001 min
Response: 52659086
Conc: 481.13 ng/ml



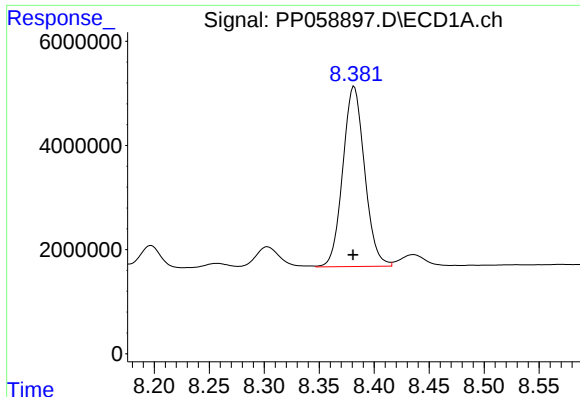
#34 AR-1260-4

R.T.: 8.059 min
Delta R.T.: 0.000 min
Response: 25280173
Conc: 512.56 ng/ml



#34 AR-1260-4

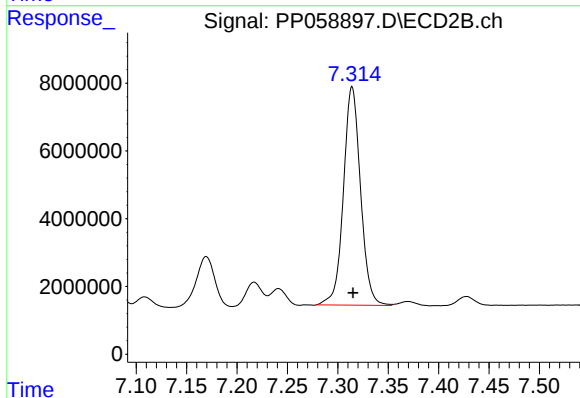
R.T.: 7.072 min
Delta R.T.: -0.001 min
Response: 35996931
Conc: 423.33 ng/ml



#35 AR-1260-5

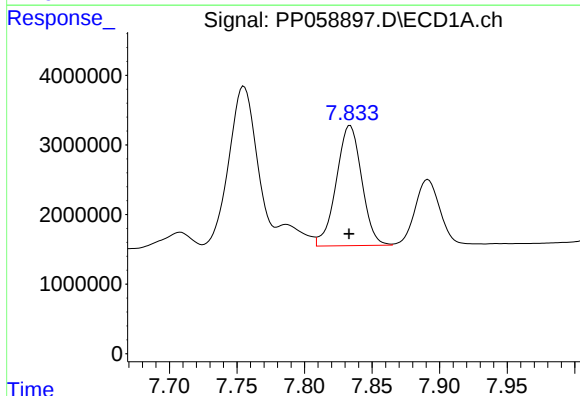
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 47753221
Conc: 535.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



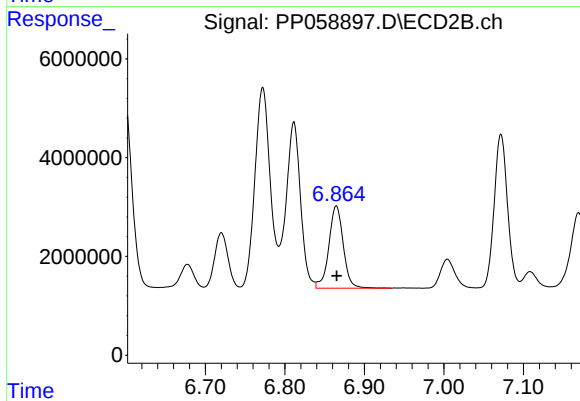
#35 AR-1260-5

R.T.: 7.314 min
Delta R.T.: -0.001 min
Response: 76192407
Conc: 449.30 ng/ml



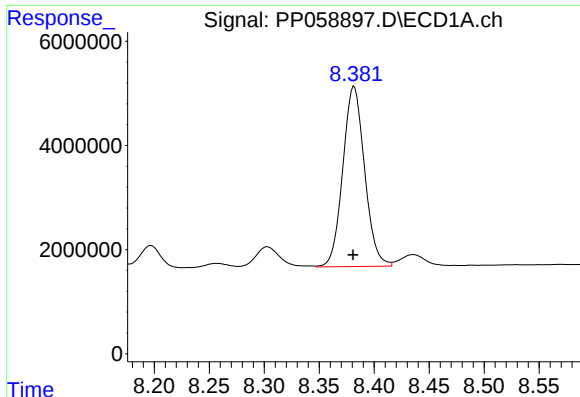
#36 AR-1262-1

R.T.: 7.834 min
Delta R.T.: 0.000 min
Response: 22638557
Conc: 331.78 ng/ml



#36 AR-1262-1

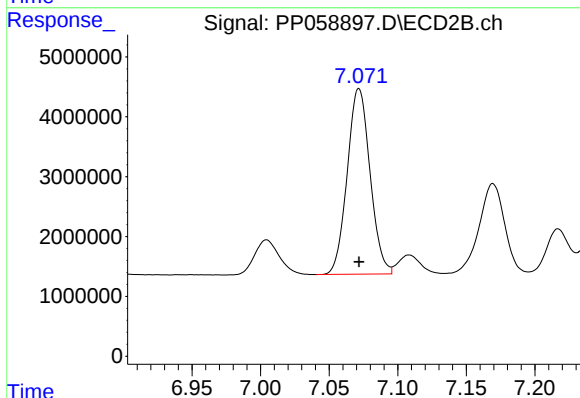
R.T.: 6.865 min
Delta R.T.: 0.000 min
Response: 20992468
Conc: 384.14 ng/ml



#37 AR-1262-2

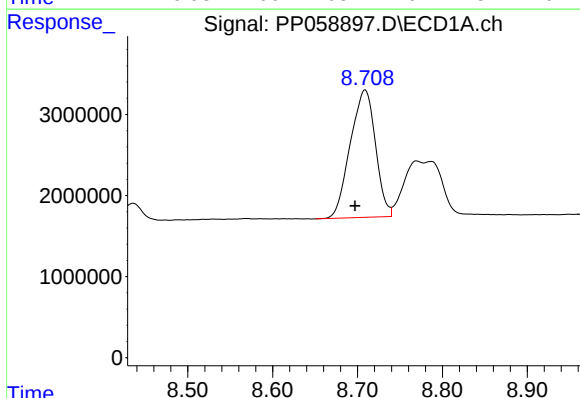
R.T.: 8.382 min
Delta R.T.: 0.000 min
Response: 47753221
Conc: 435.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



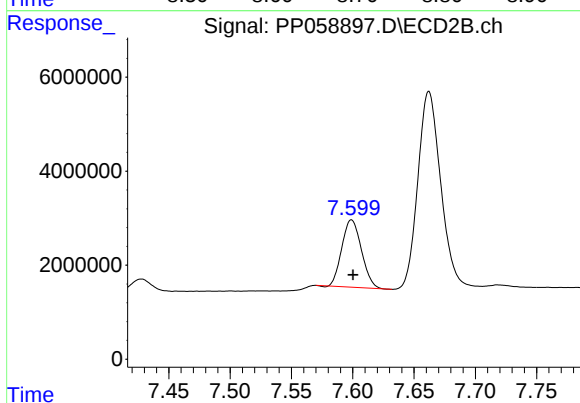
#37 AR-1262-2

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 35996931
Conc: 312.16 ng/ml



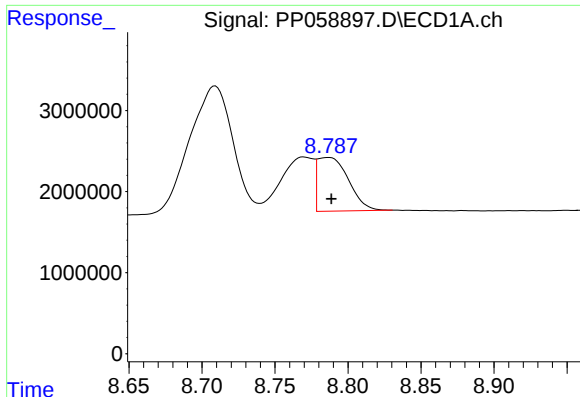
#38 AR-1262-3

R.T.: 8.709 min
Delta R.T.: 0.012 min
Response: 32429894
Conc: 413.77 ng/ml



#38 AR-1262-3

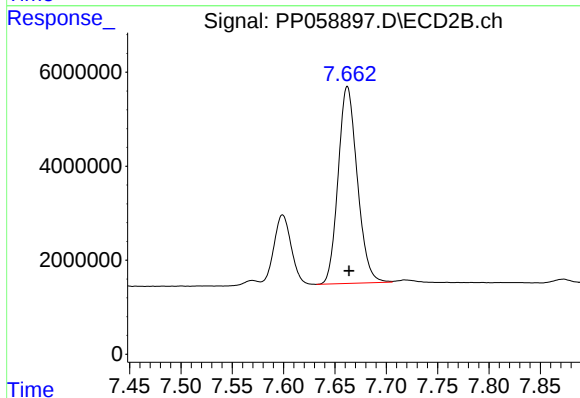
R.T.: 7.599 min
Delta R.T.: -0.001 min
Response: 15957654
Conc: 181.31 ng/ml



#39 AR-1262-4

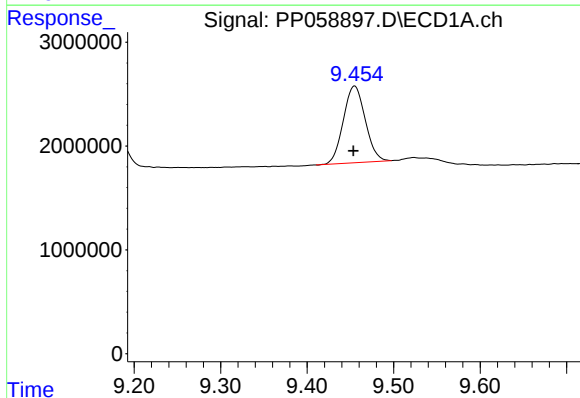
R.T.: 8.787 min
Delta R.T.: -0.002 min
Response: 9778812
Conc: 161.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



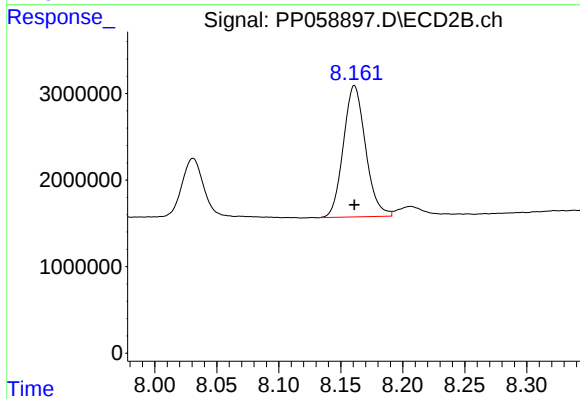
#39 AR-1262-4

R.T.: 7.662 min
Delta R.T.: -0.002 min
Response: 54319845
Conc: 345.07 ng/ml



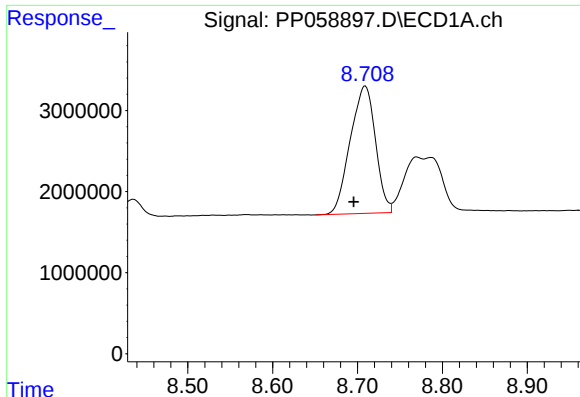
#40 AR-1262-5

R.T.: 9.455 min
Delta R.T.: 0.001 min
Response: 12922234
Conc: 332.68 ng/ml



#40 AR-1262-5

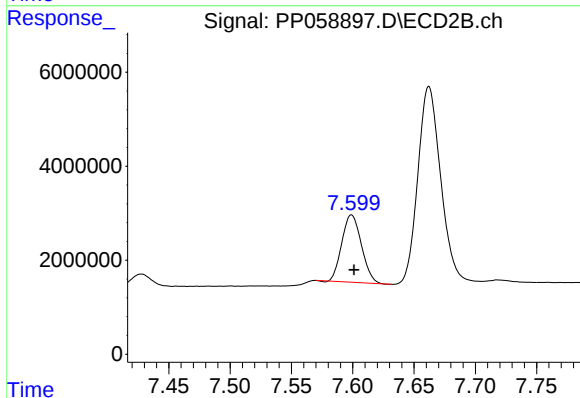
R.T.: 8.161 min
Delta R.T.: 0.000 min
Response: 18896102
Conc: 277.27 ng/ml



#41 AR-1268-1

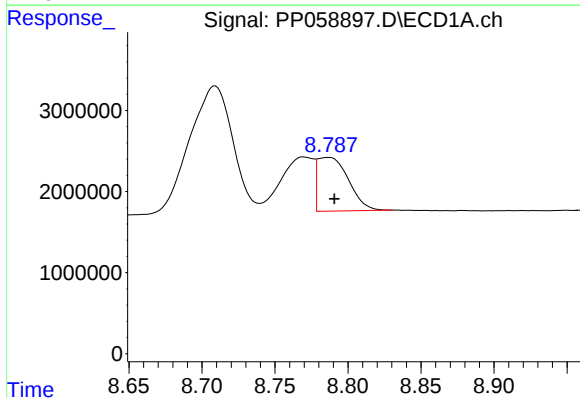
R.T.: 8.709 min
Delta R.T.: 0.013 min
Response: 32429894
Conc: 242.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



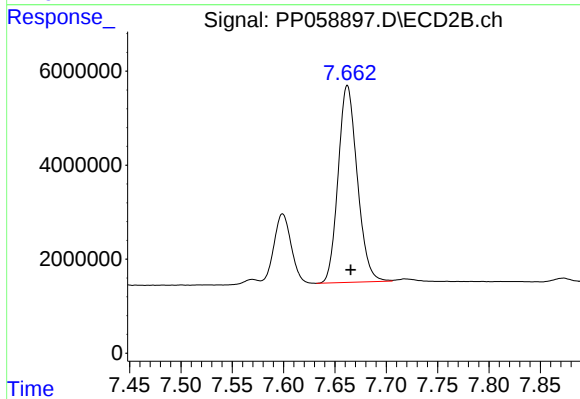
#41 AR-1268-1

R.T.: 7.599 min
Delta R.T.: -0.002 min
Response: 15957654
Conc: 65.82 ng/ml



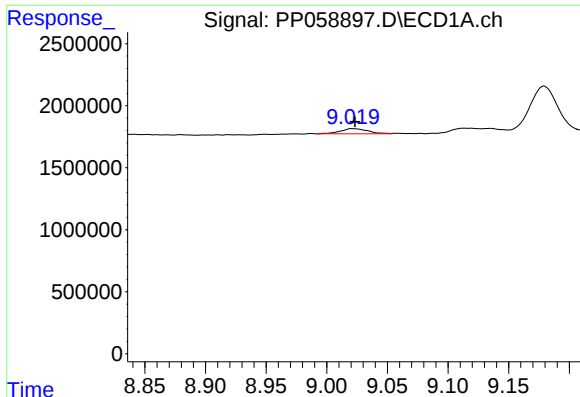
#42 AR-1268-2

R.T.: 8.787 min
Delta R.T.: -0.004 min
Response: 9778812
Conc: 82.13 ng/ml



#42 AR-1268-2

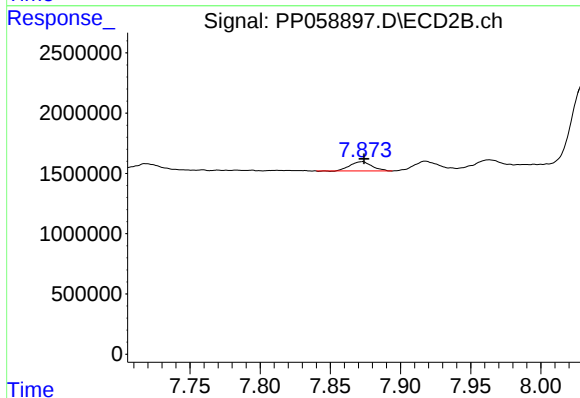
R.T.: 7.662 min
Delta R.T.: -0.003 min
Response: 54319845
Conc: 244.89 ng/ml



#43 AR-1268-3

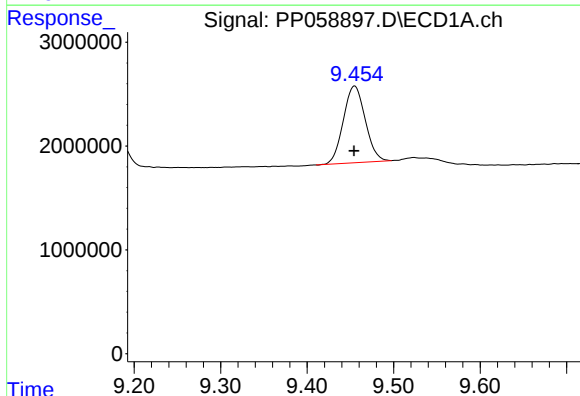
R.T.: 9.021 min
Delta R.T.: -0.003 min
Response: 638319
Conc: 5.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



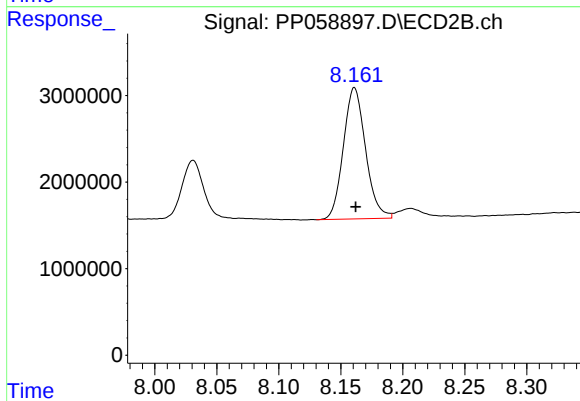
#43 AR-1268-3

R.T.: 7.872 min
Delta R.T.: -0.002 min
Response: 830939
Conc: 4.08 ng/ml



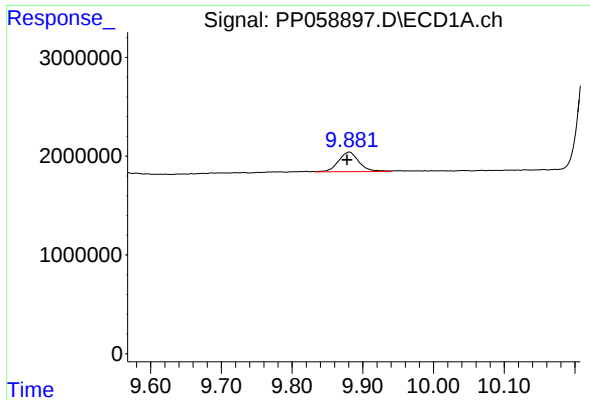
#44 AR-1268-4

R.T.: 9.455 min
Delta R.T.: 0.000 min
Response: 12922234
Conc: 310.84 ng/ml



#44 AR-1268-4

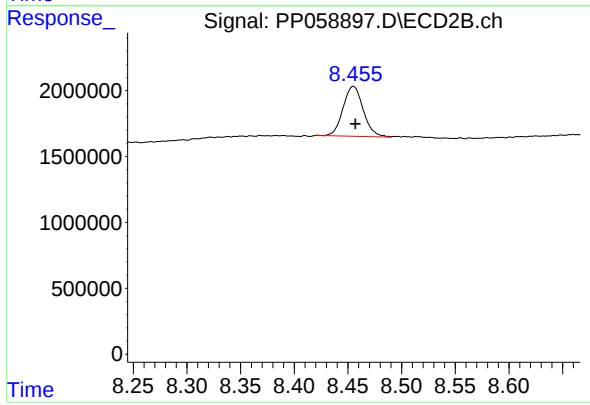
R.T.: 8.161 min
Delta R.T.: -0.001 min
Response: 18896102
Conc: 255.59 ng/ml



#45 AR-1268-5

R.T.: 9.881 min
Delta R.T.: 0.003 min
Response: 4009414
Conc: 12.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.455 min
Delta R.T.: -0.002 min
Response: 4954301
Conc: 9.00 ng/ml