

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP020623\
 Data File : PP055370.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2023 17:40
 Operator : YP\AJ
 Sample : 01432-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:44:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP012423.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Tue Jan 24 03:37:45 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...	4.328	3.574	30003526	24962696	17.256	16.628
2)	SA Decachlor...	10.081	8.585	28592727	22809858	16.512	16.889
Target Compounds							
3)	L1 AR-1016-1	5.498	4.657	25785947	21775745	383.662	439.968
4)	L1 AR-1016-2	5.521	4.675	37127497	31605460	387.434	456.600
5)	L1 AR-1016-3	5.583	4.852	22584800	16186925	377.569	435.172
6)	L1 AR-1016-4	5.682	4.894	17255764	13734454	360.110	437.093
7)	L1 AR-1016-5	5.978	5.107	17425296	13364468	343.870	326.883
8)	L2 AR-1221-1	4.533	3.785	3468038	2749978	147.482	138.700
9)	L2 AR-1221-2	4.622	3.872	3508962	4287907	197.499	289.286 #
10)	L2 AR-1221-3	4.699	3.947	14507251	12979574	269.603	287.703
11)	L3 AR-1232-1	4.699	3.947	14507251	12979574	326.866	352.137
12)	L3 AR-1232-2	5.229	4.675	20668031	31605460	913.917	989.448
13)	L3 AR-1232-3	5.521	4.852	37127497	16186925	845.396	970.964
14)	L3 AR-1232-4	5.682	4.936	17255764	16249399	779.597	1007.644 #
15)	L3 AR-1232-5	5.773	5.107	14951198	13364468	854.011	756.702
16)	L4 AR-1242-1	5.498	4.657	25785947	21775745	460.556	531.605
17)	L4 AR-1242-2	5.521	4.675	37127497	31605460	465.083	553.501
18)	L4 AR-1242-3	5.583	4.852	22584800	16186925	454.775	524.398
19)	L4 AR-1242-4	5.682	4.936	17255764	16249399	430.568	500.180
20)	L4 AR-1242-5	6.421	5.460	3748693	16590114	84.310	443.922 #
21)	L5 AR-1248-1	5.498	4.657	25785947	21775745	618.313	702.372
22)	L5 AR-1248-2	5.773	4.894	14951198	13734454	235.177	300.354 #
23)	L5 AR-1248-3	5.978	4.936	17425296	16249399	251.963	340.849 #
24)	L5 AR-1248-4	0.000	5.107	0	13364468	N.D.	241.991 #
25)	L5 AR-1248-5	6.421	5.501	3748693	2443076	50.800	49.685
26)	L6 AR-1254-1	6.357	5.460	19827653	16590114	251.325	205.430
27)	L6 AR-1254-2	6.576	5.608	17466273	14558454	144.322	203.437 #
28)	L6 AR-1254-3	6.945	6.028	10516636	24414371	85.857	219.145 #
29)	L6 AR-1254-4	7.231	6.242	5684616	2572236	64.516	41.820 #
30)	L6 AR-1254-5	7.651	6.660	48534933	42549101	479.780	448.811
31)	L7 AR-1260-1	7.109	6.143	35154812	32845031	368.783	423.564
32)	L7 AR-1260-2	7.368	6.332	40061900	37087329	355.959	412.549
33)	L7 AR-1260-3	7.729	6.485	25395092	34083878	315.393	401.409 #
34)	L7 AR-1260-4	7.955	6.959	32265137	24845747	332.367	346.994
35)	L7 AR-1260-5	8.272	7.203	57955612	56662358	325.867	368.568
36)	L8 AR-1262-1	7.729	6.753	25395092	14545968	215.245	338.582 #
37)	L8 AR-1262-2	8.272	6.959	57955612	24845747	287.744	268.246
38)	L8 AR-1262-3	8.594	7.486	39866529	11544017	286.663	158.441 #
39)	L8 AR-1262-4	8.671	7.550	9880433	42311745	128.515	323.535 #
40)	L8 AR-1262-5	9.326	8.046	14440423	10284779	201.908	173.355
41)	L9 AR-1268-1	8.594	7.486	39866529	11544017	163.115	53.389 #

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 ALS Vial : 22 Sample Multiplier: 1

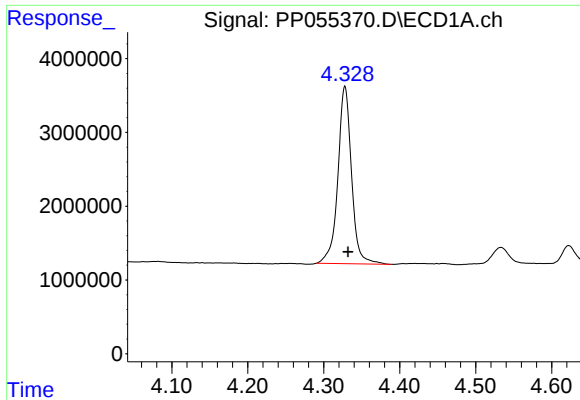
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 21:44:03 2023
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 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	8.671	7.550	9880433	42311745	43.502	216.834 #
43) L9	AR-1268-3	8.904	7.757	1367641	955630	6.846	5.564
44) L9	AR-1268-4	9.326	8.046	14440423	10284779	183.846	161.248
45) L9	AR-1268-5	9.742	8.334	5642263	4464012	8.870	8.477

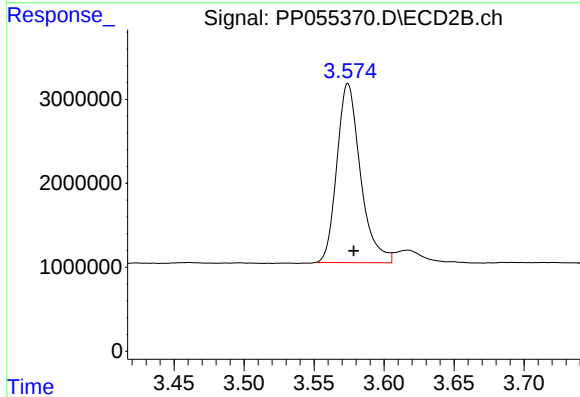
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

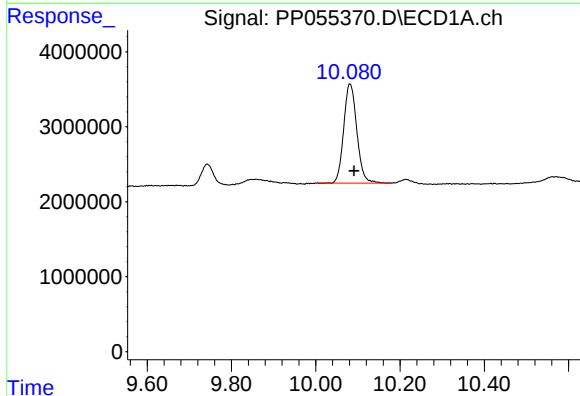
R.T.: 4.328 min
Delta R.T.: -0.004 min
Response: 30003526
Conc: 17.26 ng/ml

Instrument :
ECD_P
ClientSampleId :



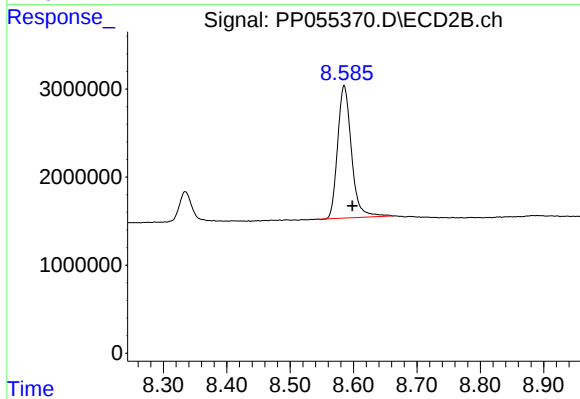
#1 Tetrachloro-m-xylene

R.T.: 3.574 min
Delta R.T.: -0.004 min
Response: 24962696
Conc: 16.63 ng/ml



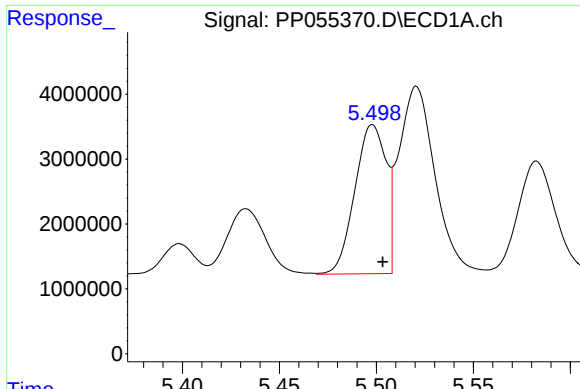
#2 Decachlorobiphenyl

R.T.: 10.081 min
Delta R.T.: -0.010 min
Response: 28592727
Conc: 16.51 ng/ml



#2 Decachlorobiphenyl

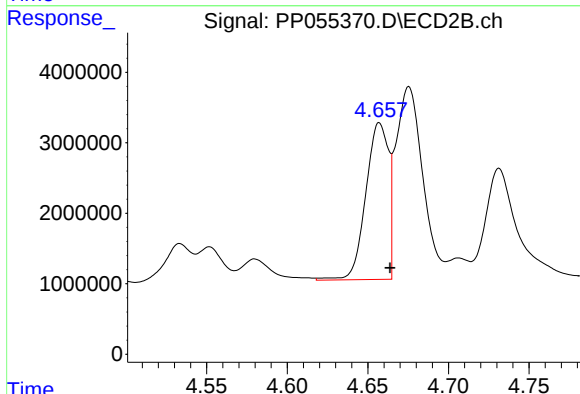
R.T.: 8.585 min
Delta R.T.: -0.013 min
Response: 22809858
Conc: 16.89 ng/ml



#3 AR-1016-1

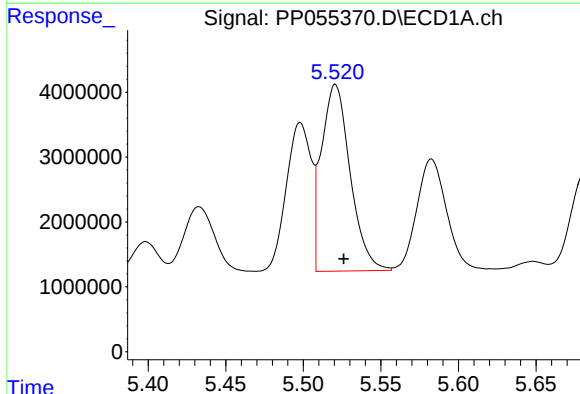
R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 25785947
Conc: 383.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



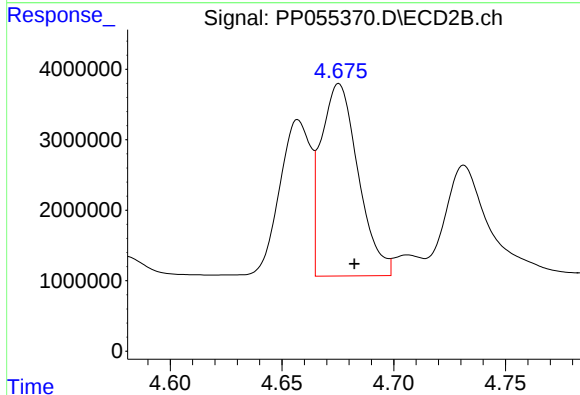
#3 AR-1016-1

R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 21775745
Conc: 439.97 ng/ml



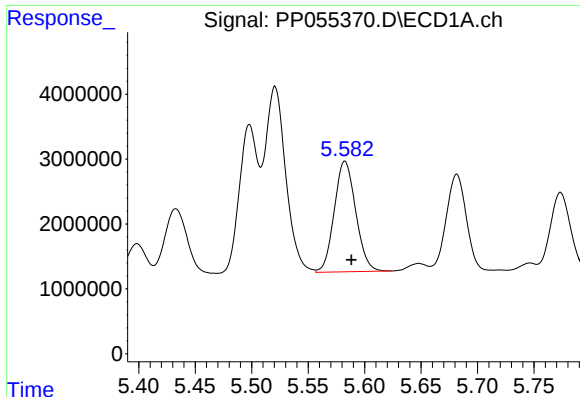
#4 AR-1016-2

R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 37127497
Conc: 387.43 ng/ml



#4 AR-1016-2

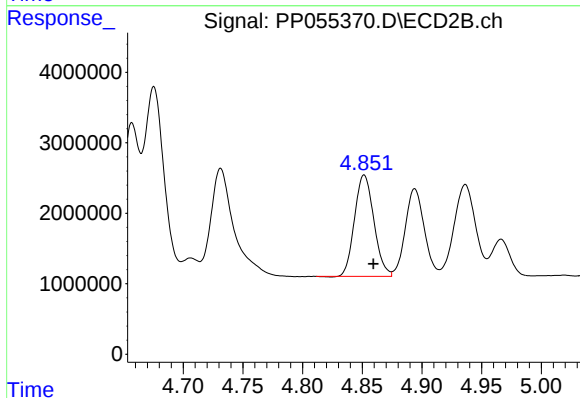
R.T.: 4.675 min
Delta R.T.: -0.007 min
Response: 31605460
Conc: 456.60 ng/ml



#5 AR-1016-3

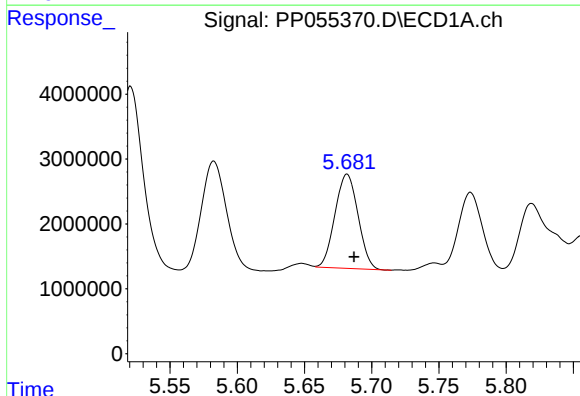
R.T.: 5.583 min
Delta R.T.: -0.006 min
Response: 22584800
Conc: 377.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



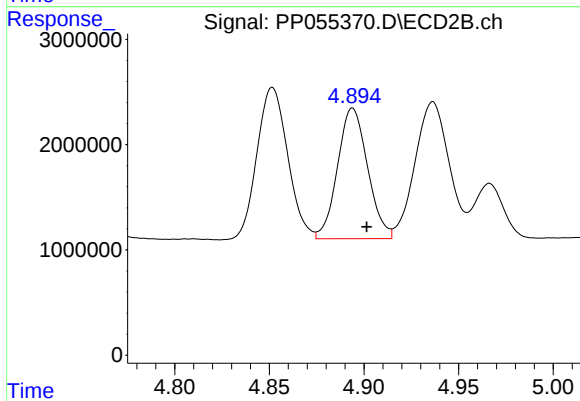
#5 AR-1016-3

R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 16186925
Conc: 435.17 ng/ml



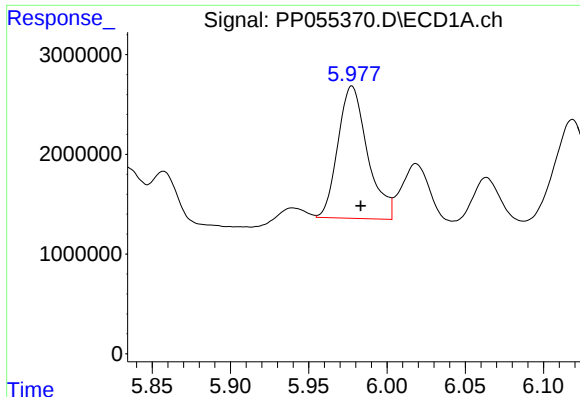
#6 AR-1016-4

R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 17255764
Conc: 360.11 ng/ml



#6 AR-1016-4

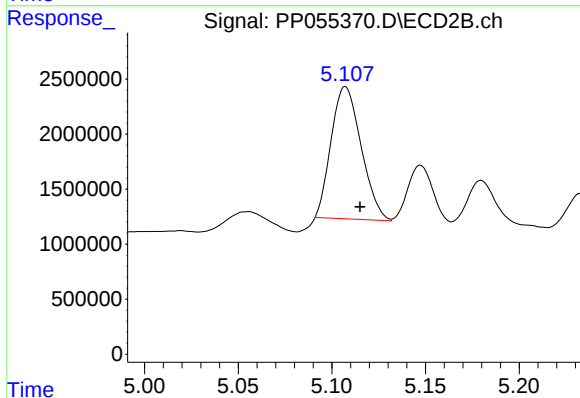
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 13734454
Conc: 437.09 ng/ml



#7 AR-1016-5

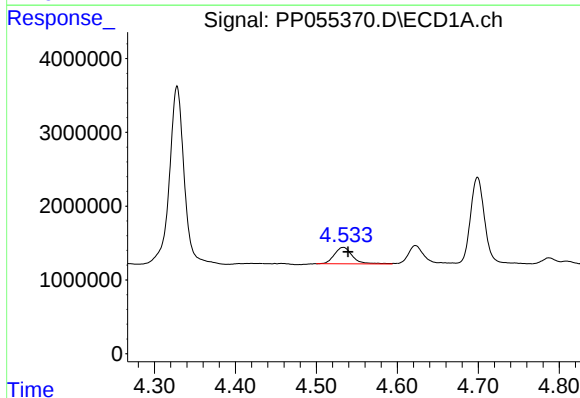
R.T.: 5.978 min
Delta R.T.: -0.006 min
Response: 17425296
Conc: 343.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



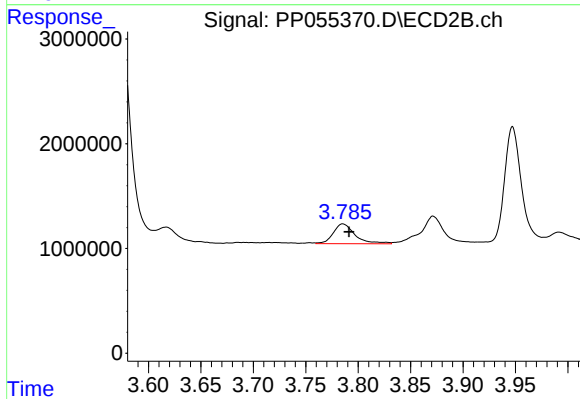
#7 AR-1016-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 13364468
Conc: 326.88 ng/ml



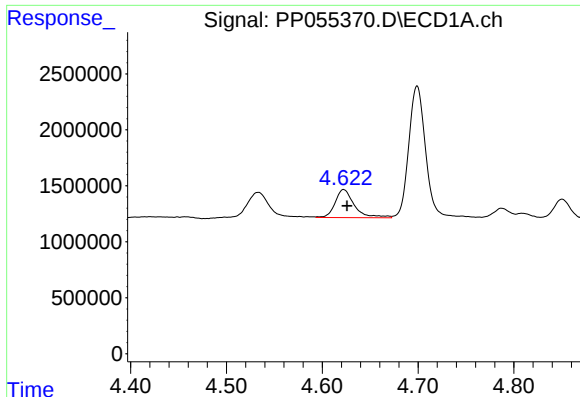
#8 AR-1221-1

R.T.: 4.533 min
Delta R.T.: -0.006 min
Response: 3468038
Conc: 147.48 ng/ml



#8 AR-1221-1

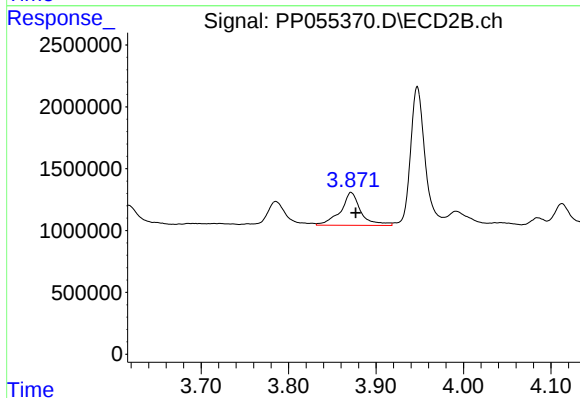
R.T.: 3.785 min
Delta R.T.: -0.006 min
Response: 2749978
Conc: 138.70 ng/ml



#9 AR-1221-2

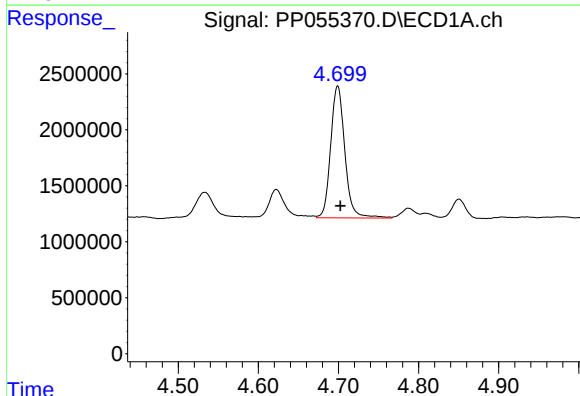
R.T.: 4.622 min
Delta R.T.: -0.004 min
Response: 3508962
Conc: 197.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



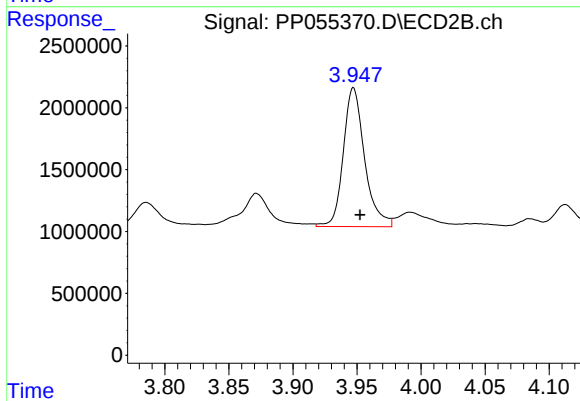
#9 AR-1221-2

R.T.: 3.872 min
Delta R.T.: -0.005 min
Response: 4287907
Conc: 289.29 ng/ml



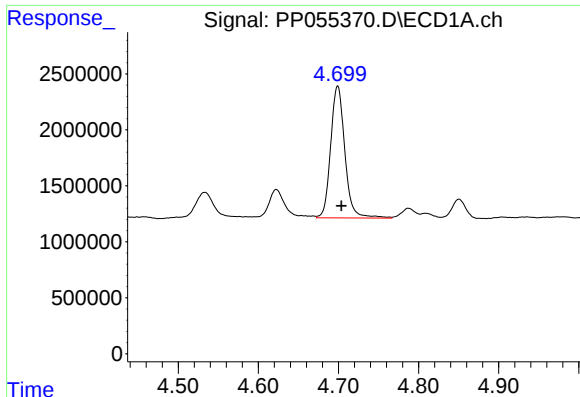
#10 AR-1221-3

R.T.: 4.699 min
Delta R.T.: -0.003 min
Response: 14507251
Conc: 269.60 ng/ml



#10 AR-1221-3

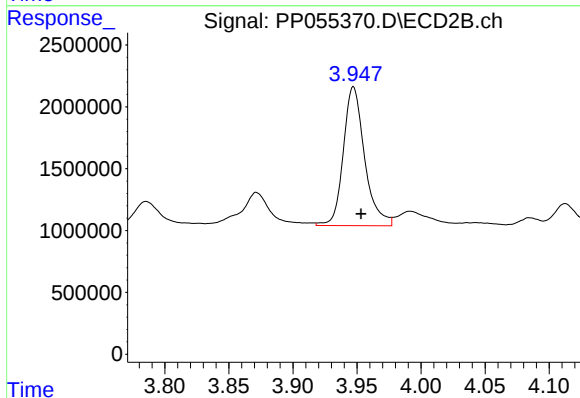
R.T.: 3.947 min
Delta R.T.: -0.005 min
Response: 12979574
Conc: 287.70 ng/ml



#11 AR-1232-1

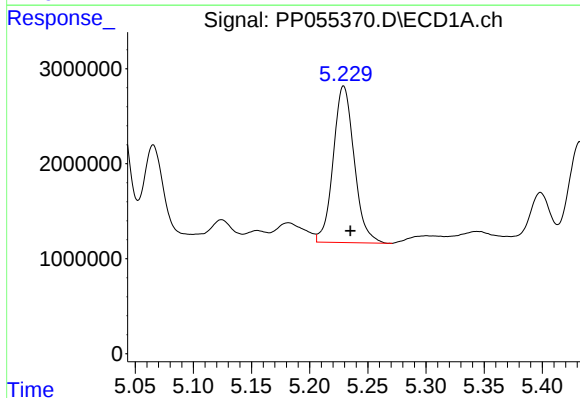
R.T.: 4.699 min
Delta R.T.: -0.005 min
Response: 14507251
Conc: 326.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



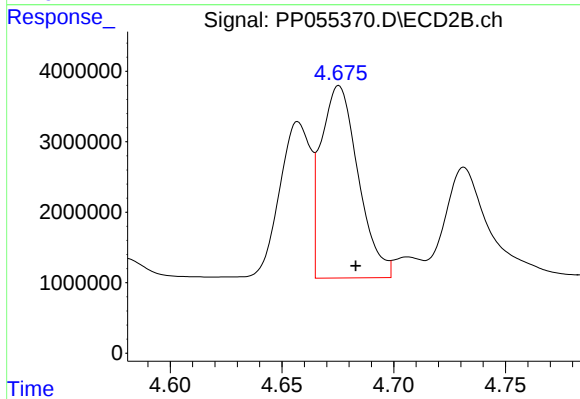
#11 AR-1232-1

R.T.: 3.947 min
Delta R.T.: -0.006 min
Response: 12979574
Conc: 352.14 ng/ml



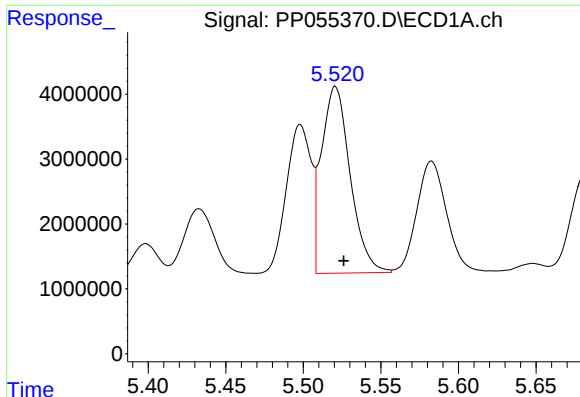
#12 AR-1232-2

R.T.: 5.229 min
Delta R.T.: -0.006 min
Response: 20668031
Conc: 913.92 ng/ml



#12 AR-1232-2

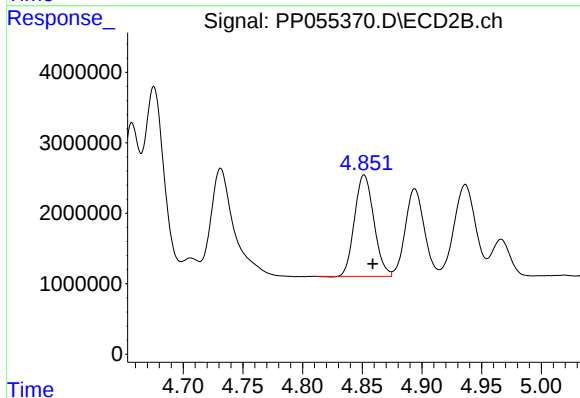
R.T.: 4.675 min
Delta R.T.: -0.008 min
Response: 31605460
Conc: 989.45 ng/ml



#13 AR-1232-3

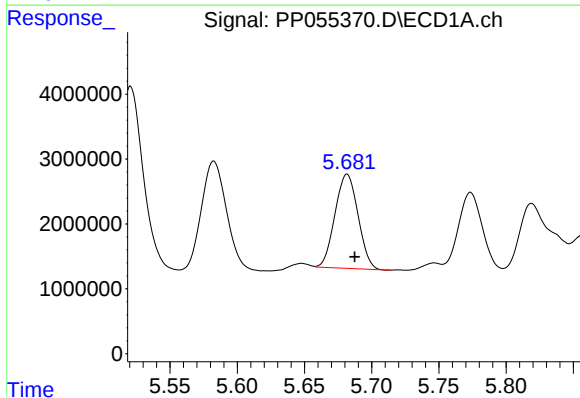
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 37127497
Conc: 845.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



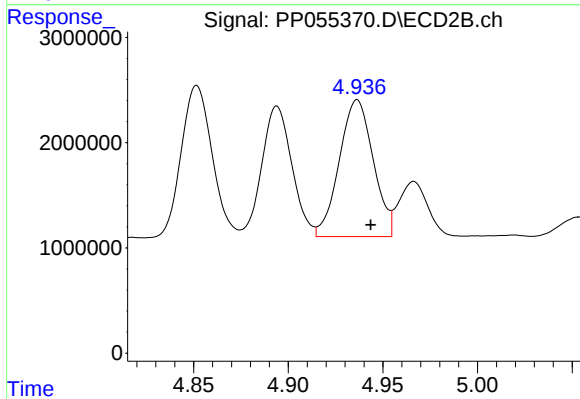
#13 AR-1232-3

R.T.: 4.852 min
Delta R.T.: -0.007 min
Response: 16186925
Conc: 970.96 ng/ml



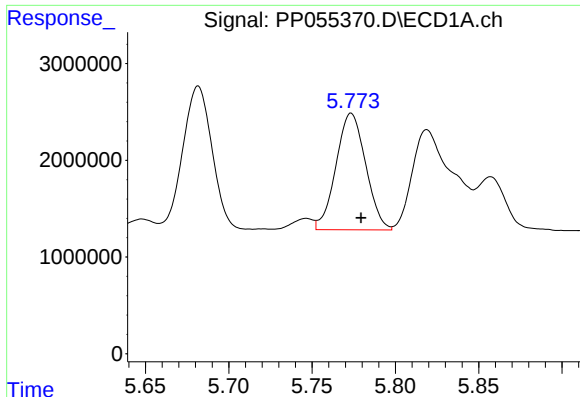
#14 AR-1232-4

R.T.: 5.682 min
Delta R.T.: -0.006 min
Response: 17255764
Conc: 779.60 ng/ml



#14 AR-1232-4

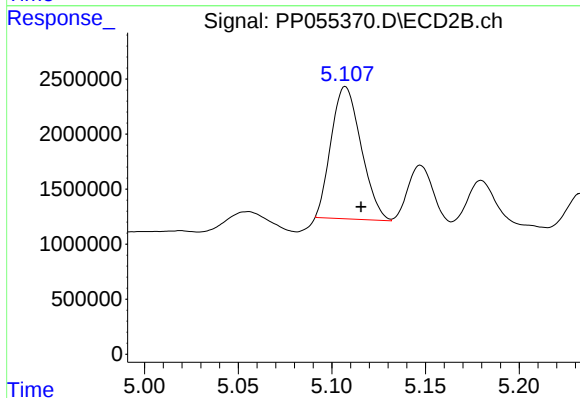
R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 16249399
Conc: 1007.64 ng/ml



#15 AR-1232-5

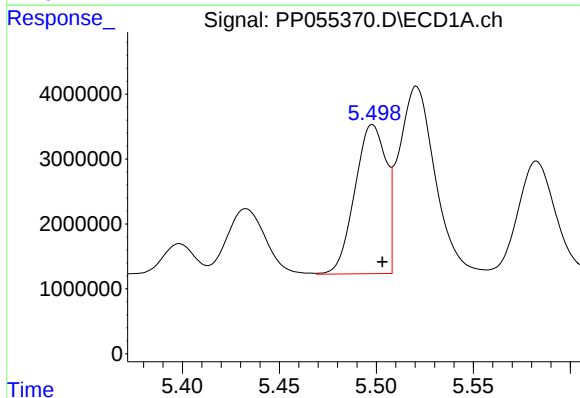
R.T.: 5.773 min
Delta R.T.: -0.006 min
Response: 14951198
Conc: 854.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



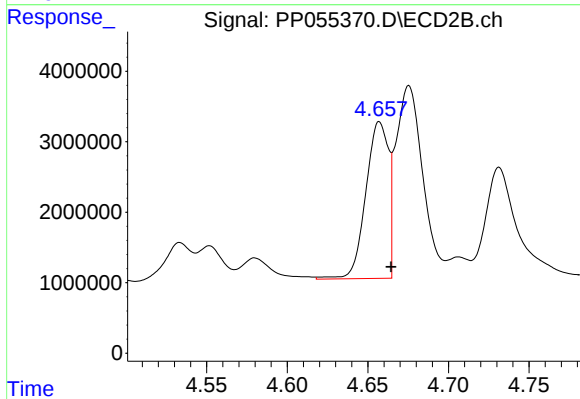
#15 AR-1232-5

R.T.: 5.107 min
Delta R.T.: -0.008 min
Response: 13364468
Conc: 756.70 ng/ml



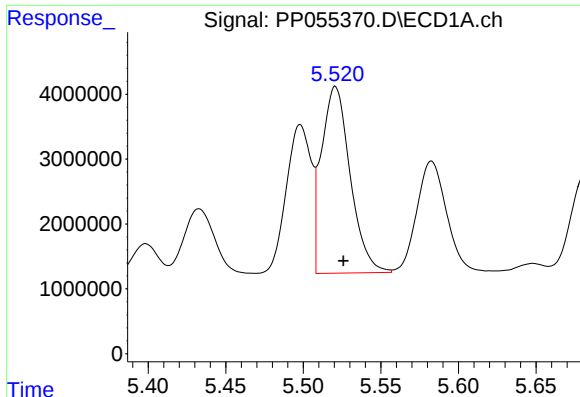
#16 AR-1242-1

R.T.: 5.498 min
Delta R.T.: -0.005 min
Response: 25785947
Conc: 460.56 ng/ml



#16 AR-1242-1

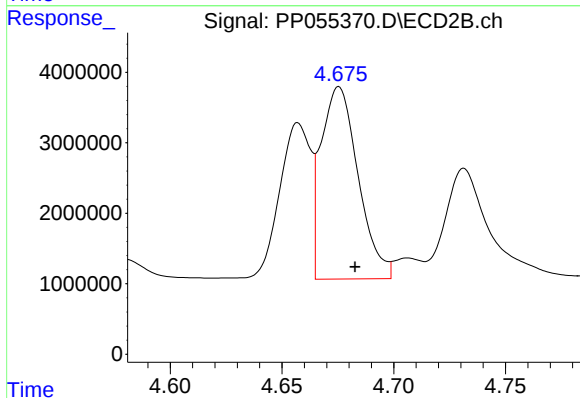
R.T.: 4.657 min
Delta R.T.: -0.007 min
Response: 21775745
Conc: 531.61 ng/ml



#17 AR-1242-2

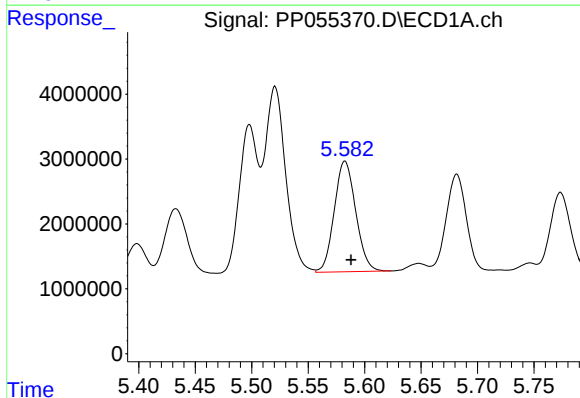
R.T.: 5.521 min
Delta R.T.: -0.005 min
Response: 37127497
Conc: 465.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



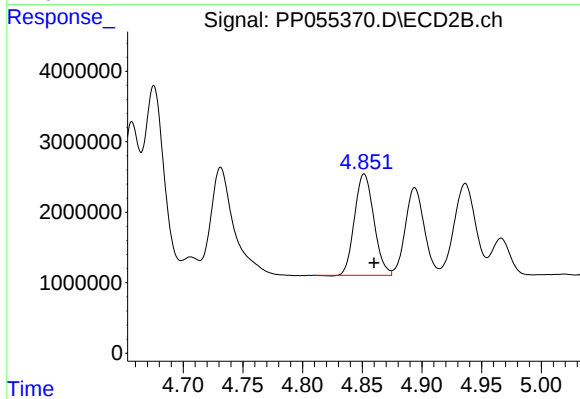
#17 AR-1242-2

R.T.: 4.675 min
Delta R.T.: -0.007 min
Response: 31605460
Conc: 553.50 ng/ml



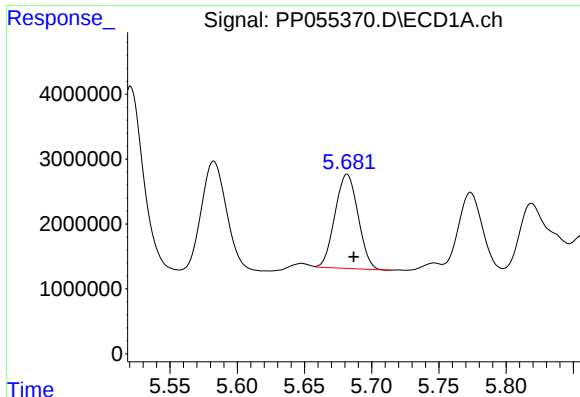
#18 AR-1242-3

R.T.: 5.583 min
Delta R.T.: -0.006 min
Response: 22584800
Conc: 454.78 ng/ml



#18 AR-1242-3

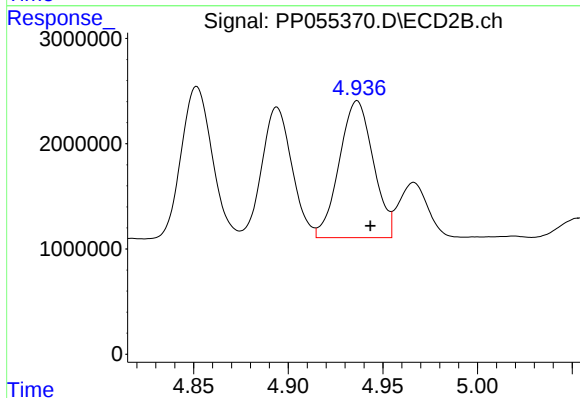
R.T.: 4.852 min
Delta R.T.: -0.008 min
Response: 16186925
Conc: 524.40 ng/ml



#19 AR-1242-4

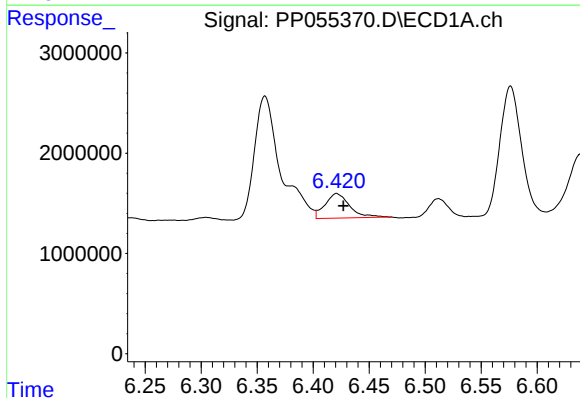
R.T.: 5.682 min
Delta R.T.: -0.005 min
Response: 17255764
Conc: 430.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



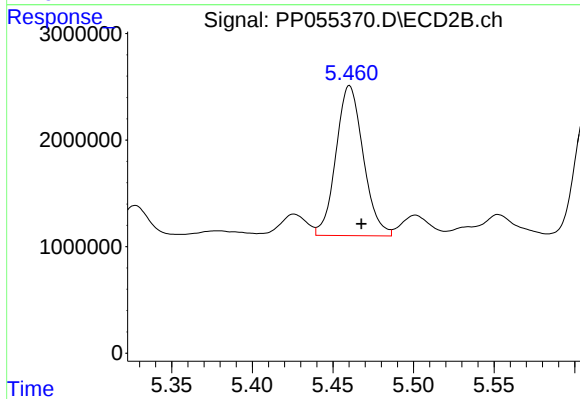
#19 AR-1242-4

R.T.: 4.936 min
Delta R.T.: -0.007 min
Response: 16249399
Conc: 500.18 ng/ml



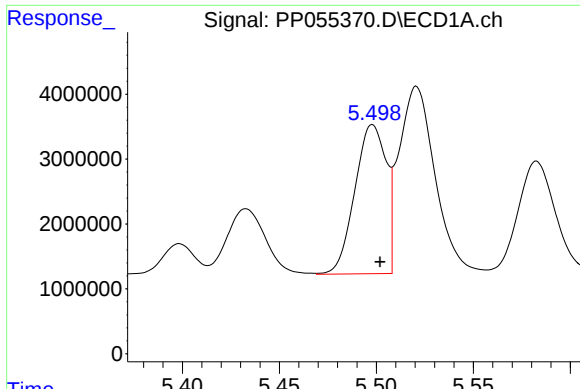
#20 AR-1242-5

R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 3748693
Conc: 84.31 ng/ml



#20 AR-1242-5

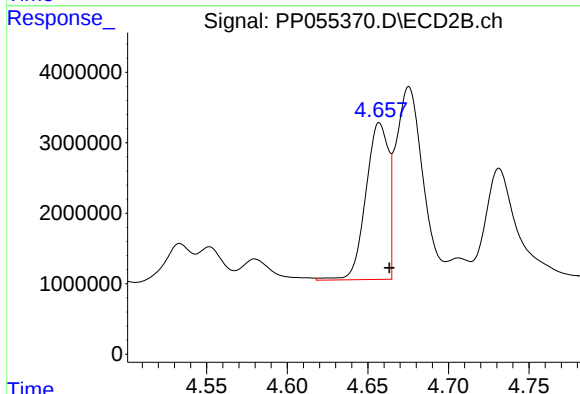
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 16590114
Conc: 443.92 ng/ml



#21 AR-1248-1

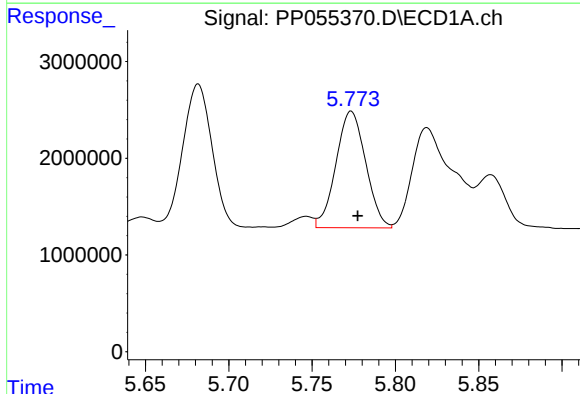
R.T.: 5.498 min
Delta R.T.: -0.004 min
Response: 25785947
Conc: 618.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



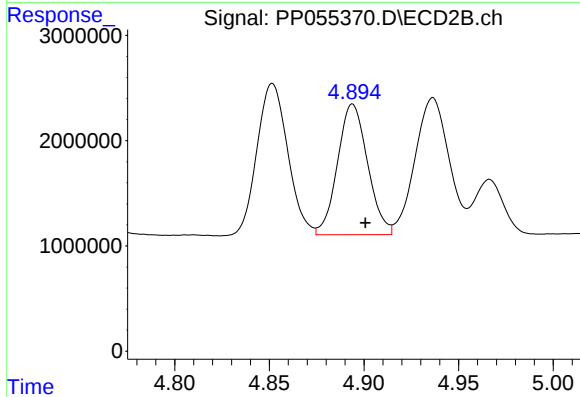
#21 AR-1248-1

R.T.: 4.657 min
Delta R.T.: -0.006 min
Response: 21775745
Conc: 702.37 ng/ml



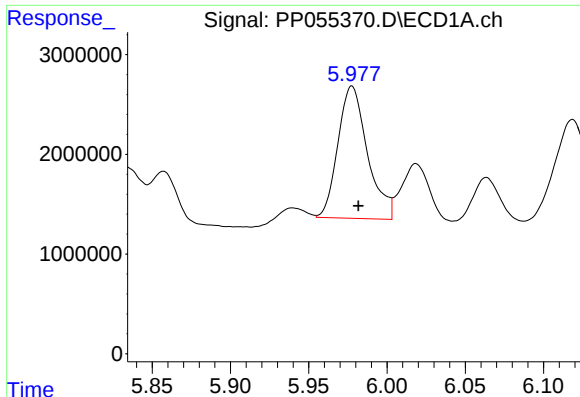
#22 AR-1248-2

R.T.: 5.773 min
Delta R.T.: -0.004 min
Response: 14951198
Conc: 235.18 ng/ml



#22 AR-1248-2

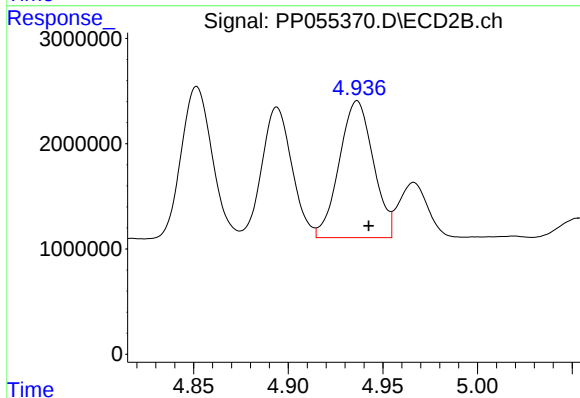
R.T.: 4.894 min
Delta R.T.: -0.007 min
Response: 13734454
Conc: 300.35 ng/ml



#23 AR-1248-3

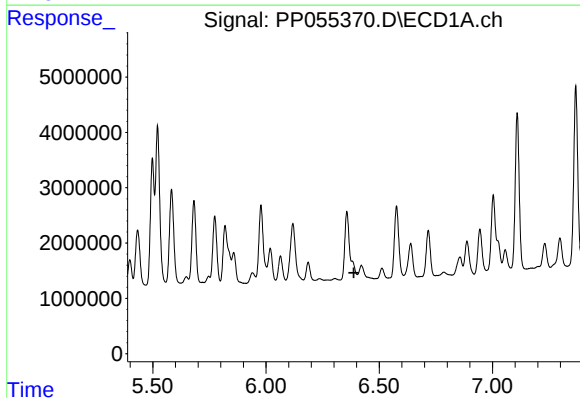
R.T.: 5.978 min
Delta R.T.: -0.004 min
Response: 17425296
Conc: 251.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



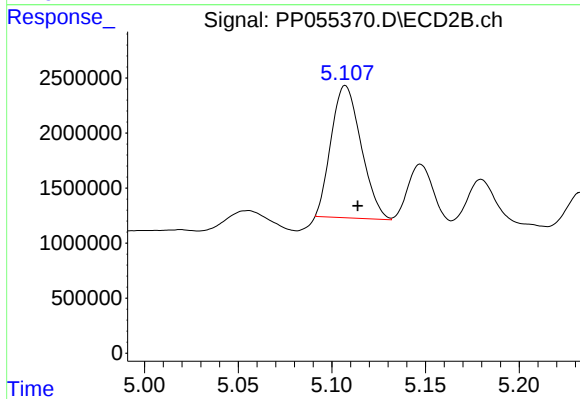
#23 AR-1248-3

R.T.: 4.936 min
Delta R.T.: -0.006 min
Response: 16249399
Conc: 340.85 ng/ml



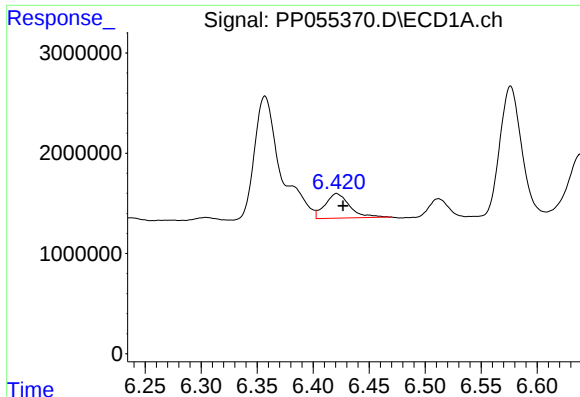
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.388 min
Response: 0
Conc: N.D.



#24 AR-1248-4

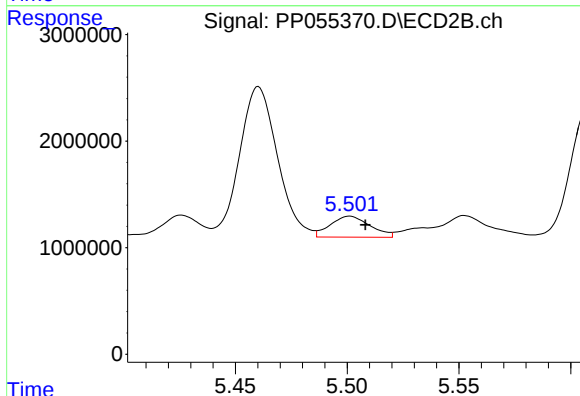
R.T.: 5.107 min
Delta R.T.: -0.007 min
Response: 13364468
Conc: 241.99 ng/ml



#25 AR-1248-5

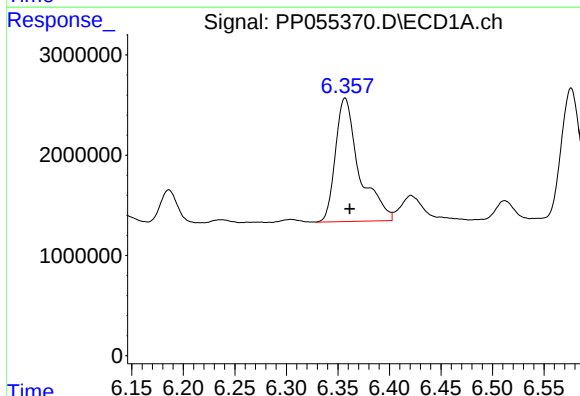
R.T.: 6.421 min
Delta R.T.: -0.006 min
Response: 3748693
Conc: 50.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



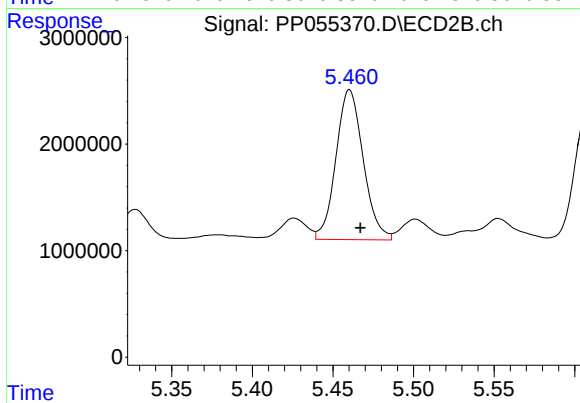
#25 AR-1248-5

R.T.: 5.501 min
Delta R.T.: -0.007 min
Response: 2443076
Conc: 49.69 ng/ml



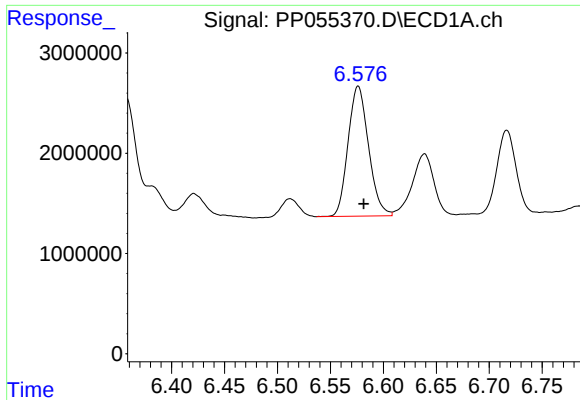
#26 AR-1254-1

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 19827653
Conc: 251.33 ng/ml



#26 AR-1254-1

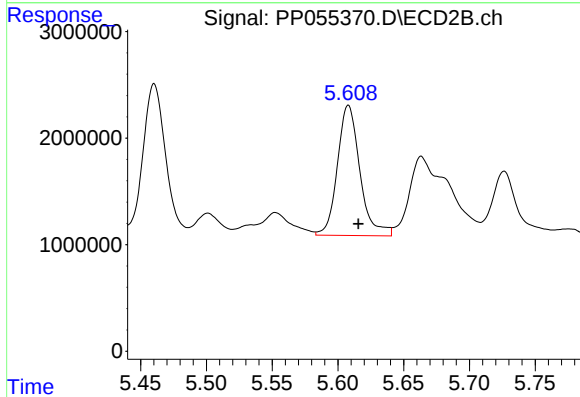
R.T.: 5.460 min
Delta R.T.: -0.007 min
Response: 16590114
Conc: 205.43 ng/ml



#27 AR-1254-2

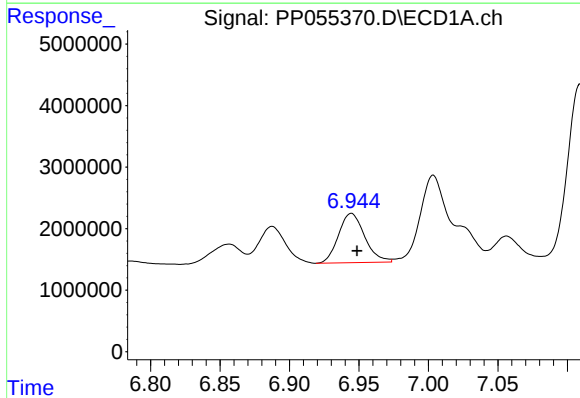
R.T.: 6.576 min
Delta R.T.: -0.005 min
Response: 17466273
Conc: 144.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



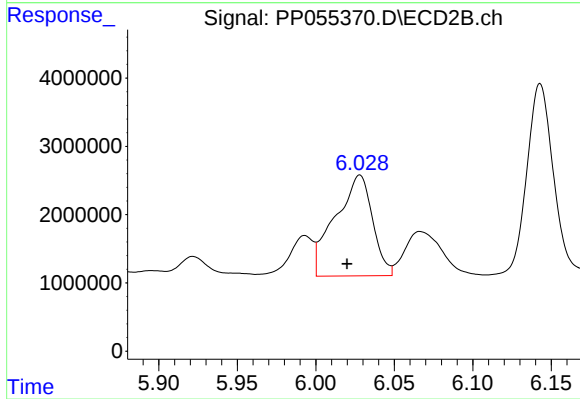
#27 AR-1254-2

R.T.: 5.608 min
Delta R.T.: -0.008 min
Response: 14558454
Conc: 203.44 ng/ml



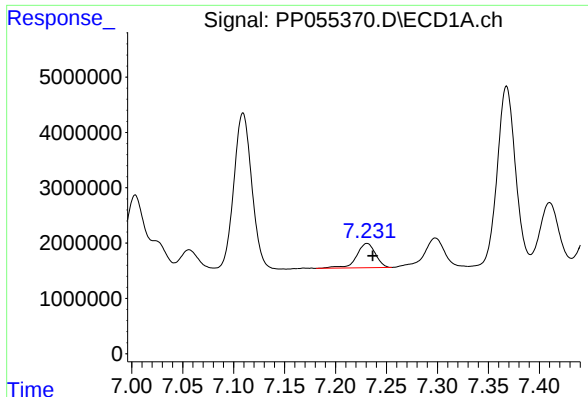
#28 AR-1254-3

R.T.: 6.945 min
Delta R.T.: -0.004 min
Response: 10516636
Conc: 85.86 ng/ml



#28 AR-1254-3

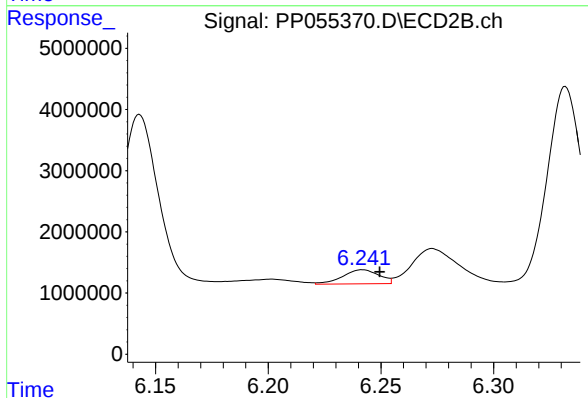
R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 24414371
Conc: 219.14 ng/ml



#29 AR-1254-4

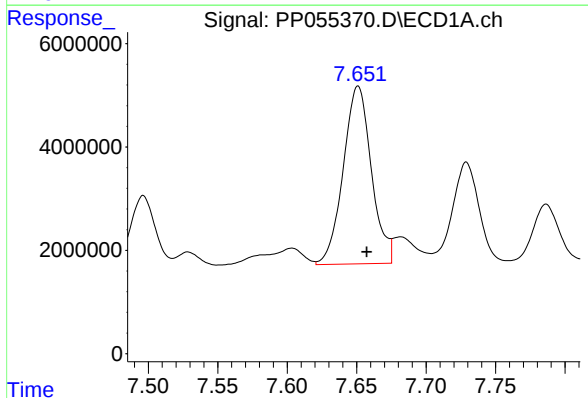
R.T.: 7.231 min
Delta R.T.: -0.005 min
Response: 5684616
Conc: 64.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



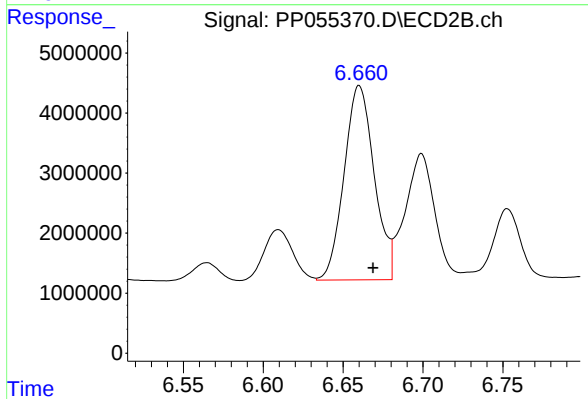
#29 AR-1254-4

R.T.: 6.242 min
Delta R.T.: -0.008 min
Response: 2572236
Conc: 41.82 ng/ml



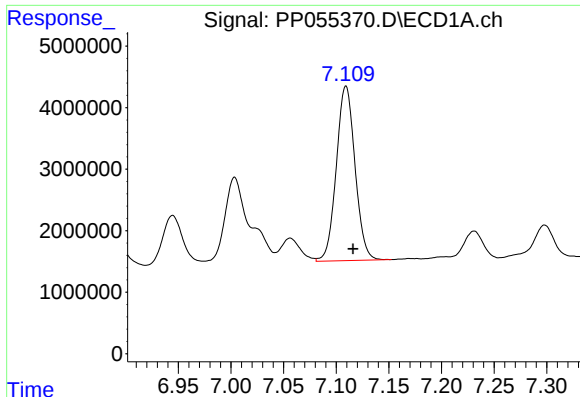
#30 AR-1254-5

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 48534933
Conc: 479.78 ng/ml



#30 AR-1254-5

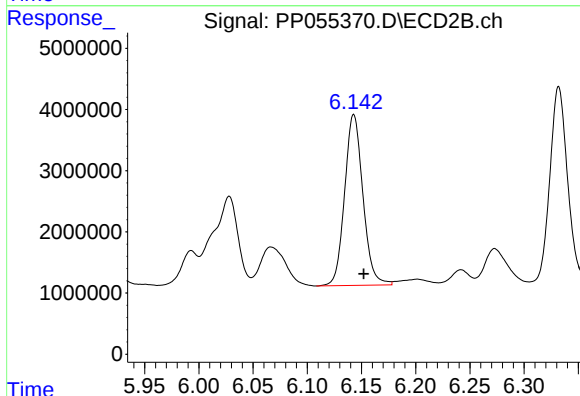
R.T.: 6.660 min
Delta R.T.: -0.009 min
Response: 42549101
Conc: 448.81 ng/ml



#31 AR-1260-1

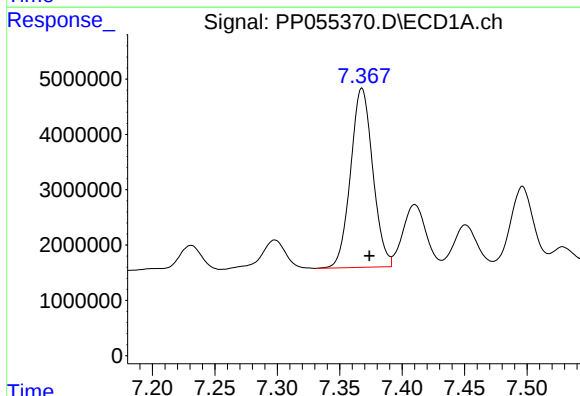
R.T.: 7.109 min
Delta R.T.: -0.007 min
Response: 35154812
Conc: 368.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



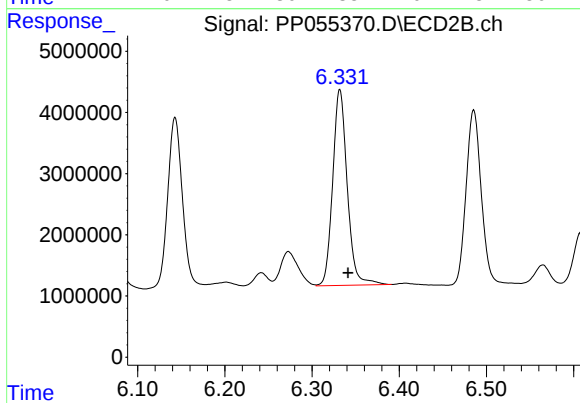
#31 AR-1260-1

R.T.: 6.143 min
Delta R.T.: -0.009 min
Response: 32845031
Conc: 423.56 ng/ml



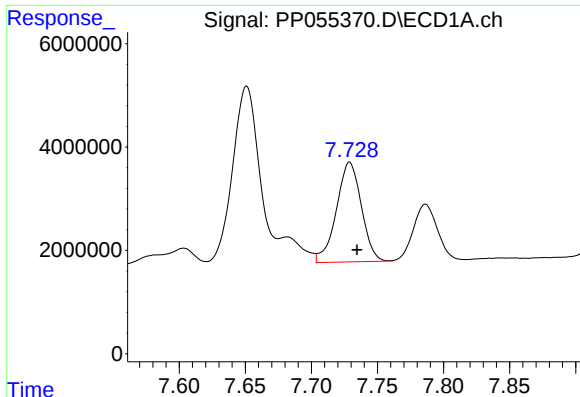
#32 AR-1260-2

R.T.: 7.368 min
Delta R.T.: -0.006 min
Response: 40061900
Conc: 355.96 ng/ml



#32 AR-1260-2

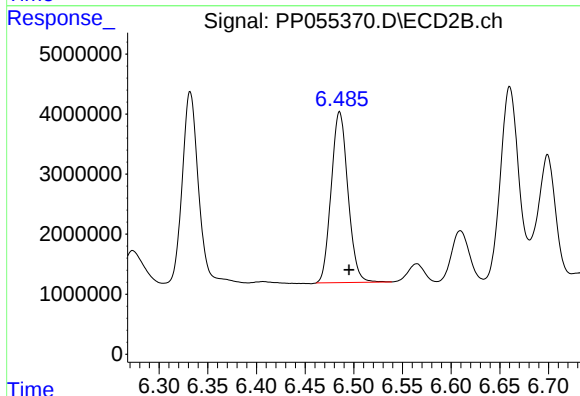
R.T.: 6.332 min
Delta R.T.: -0.009 min
Response: 37087329
Conc: 412.55 ng/ml



#33 AR-1260-3

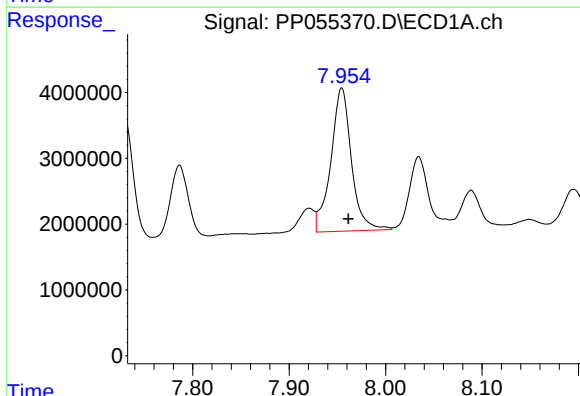
R.T.: 7.729 min
Delta R.T.: -0.006 min
Response: 25395092
Conc: 315.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



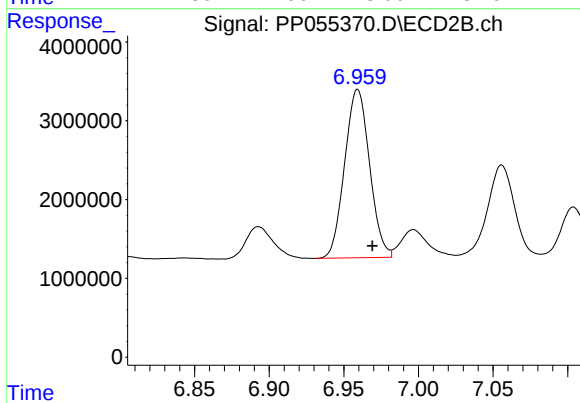
#33 AR-1260-3

R.T.: 6.485 min
Delta R.T.: -0.010 min
Response: 34083878
Conc: 401.41 ng/ml



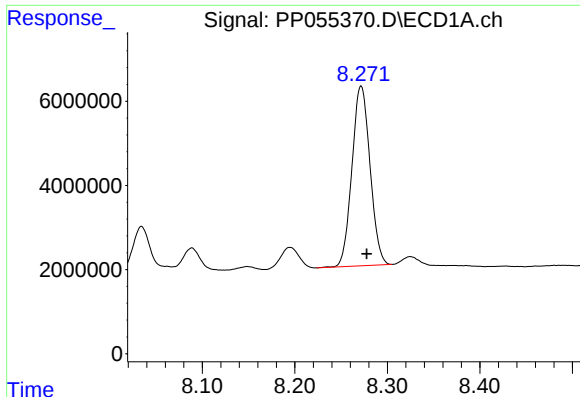
#34 AR-1260-4

R.T.: 7.955 min
Delta R.T.: -0.007 min
Response: 32265137
Conc: 332.37 ng/ml



#34 AR-1260-4

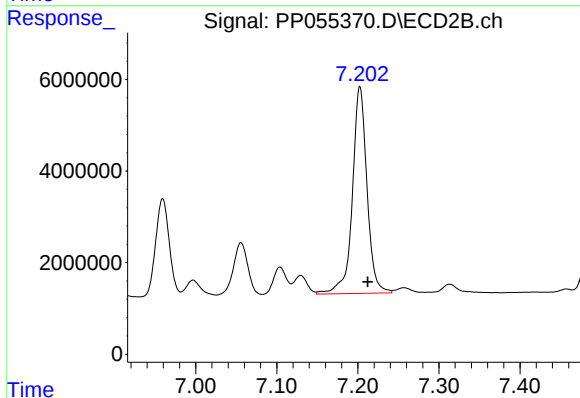
R.T.: 6.959 min
Delta R.T.: -0.010 min
Response: 24845747
Conc: 346.99 ng/ml



#35 AR-1260-5

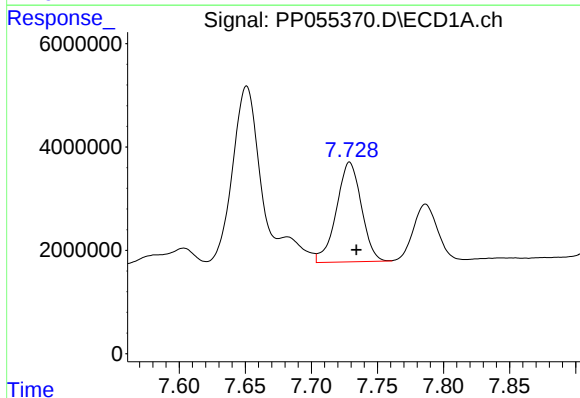
R.T.: 8.272 min
Delta R.T.: -0.006 min
Response: 57955612
Conc: 325.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



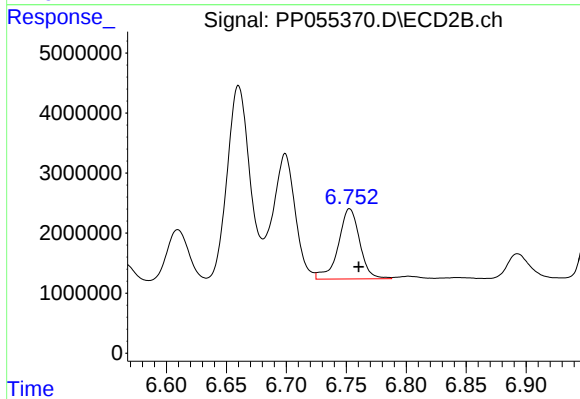
#35 AR-1260-5

R.T.: 7.203 min
Delta R.T.: -0.010 min
Response: 56662358
Conc: 368.57 ng/ml



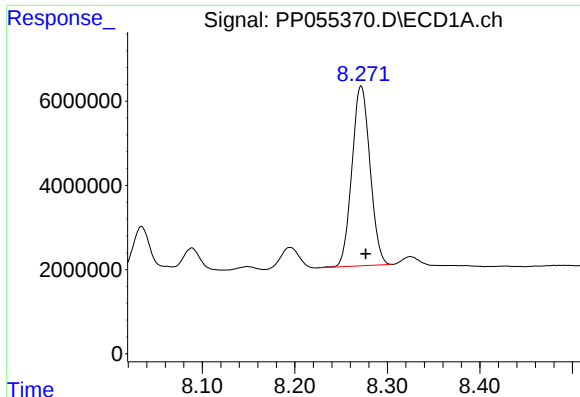
#36 AR-1262-1

R.T.: 7.729 min
Delta R.T.: -0.005 min
Response: 25395092
Conc: 215.24 ng/ml



#36 AR-1262-1

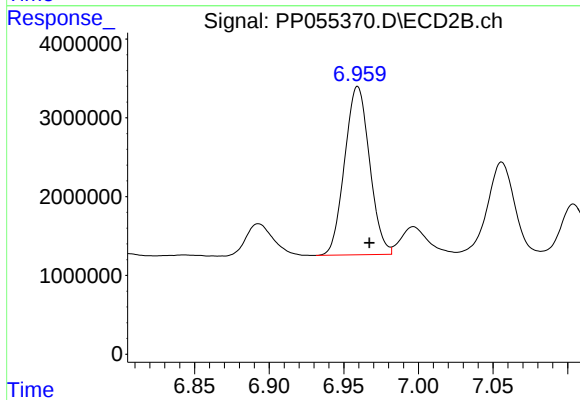
R.T.: 6.753 min
Delta R.T.: -0.008 min
Response: 14545968
Conc: 338.58 ng/ml



#37 AR-1262-2

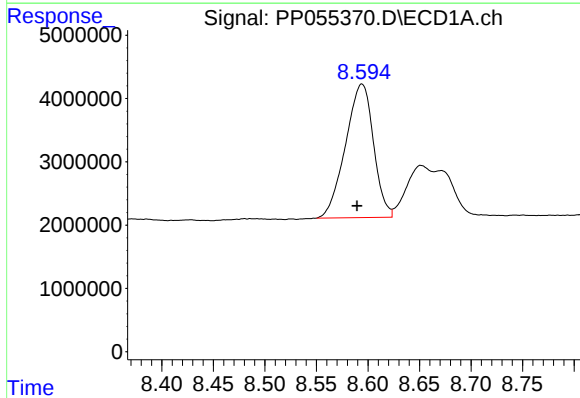
R.T.: 8.272 min
Delta R.T.: -0.005 min
Response: 57955612
Conc: 287.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



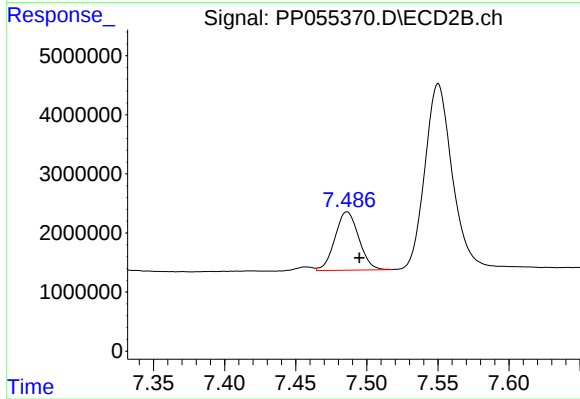
#37 AR-1262-2

R.T.: 6.959 min
Delta R.T.: -0.008 min
Response: 24845747
Conc: 268.25 ng/ml



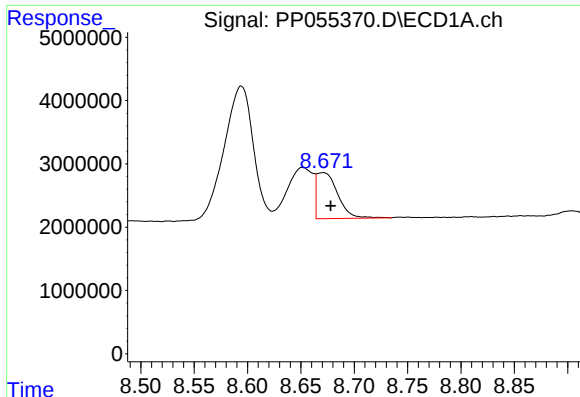
#38 AR-1262-3

R.T.: 8.594 min
Delta R.T.: 0.005 min
Response: 39866529
Conc: 286.66 ng/ml



#38 AR-1262-3

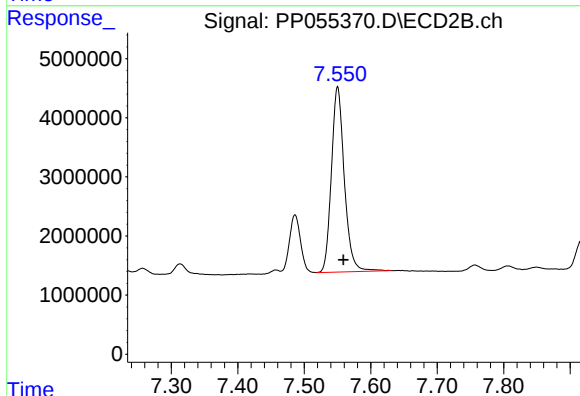
R.T.: 7.486 min
Delta R.T.: -0.009 min
Response: 11544017
Conc: 158.44 ng/ml



#39 AR-1262-4

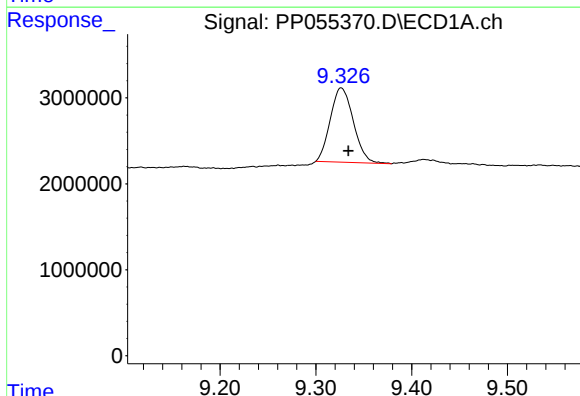
R.T.: 8.671 min
Delta R.T.: -0.007 min
Response: 9880433
Conc: 128.52 ng/ml

Instrument :
ECD_P
ClientSampleId :



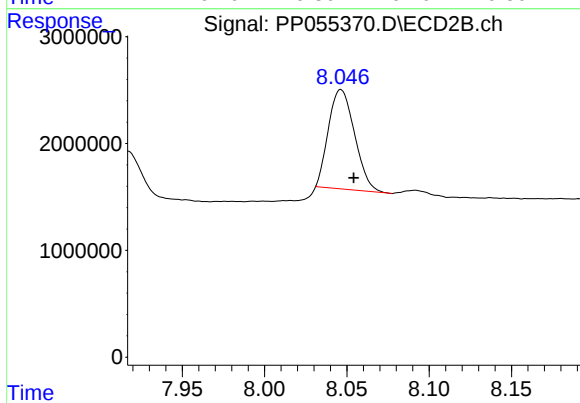
#39 AR-1262-4

R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 42311745
Conc: 323.54 ng/ml



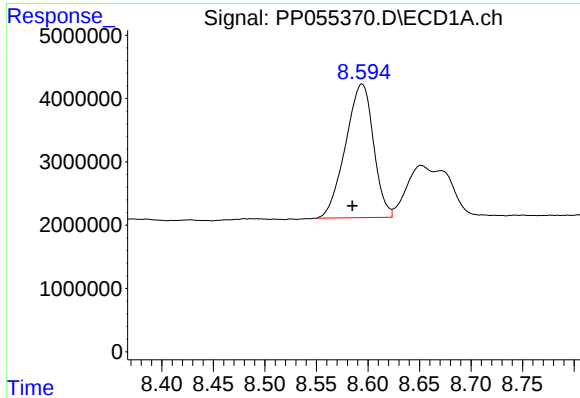
#40 AR-1262-5

R.T.: 9.326 min
Delta R.T.: -0.008 min
Response: 14440423
Conc: 201.91 ng/ml



#40 AR-1262-5

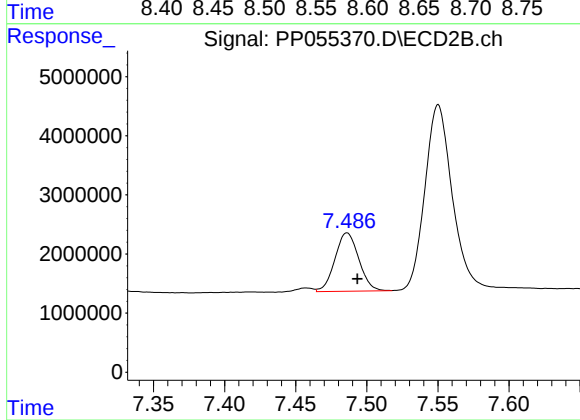
R.T.: 8.046 min
Delta R.T.: -0.008 min
Response: 10284779
Conc: 173.36 ng/ml



#41 AR-1268-1

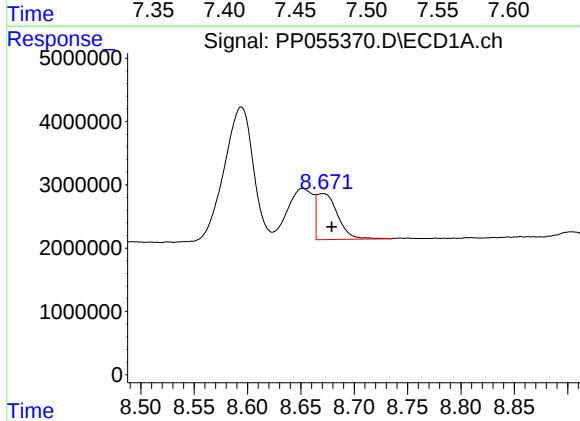
R.T.: 8.594 min
Delta R.T.: 0.009 min
Response: 39866529
Conc: 163.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



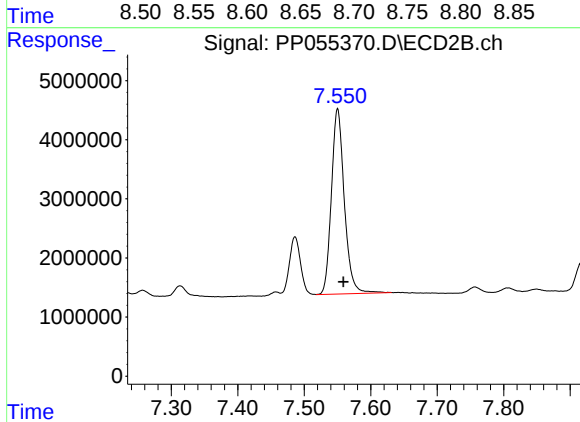
#41 AR-1268-1

R.T.: 7.486 min
Delta R.T.: -0.007 min
Response: 11544017
Conc: 53.39 ng/ml



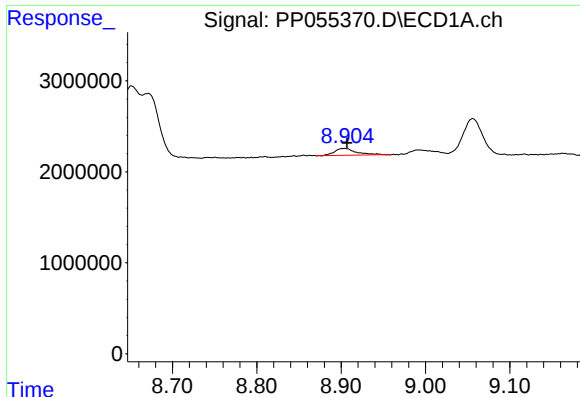
#42 AR-1268-2

R.T.: 8.671 min
Delta R.T.: -0.008 min
Response: 9880433
Conc: 43.50 ng/ml



#42 AR-1268-2

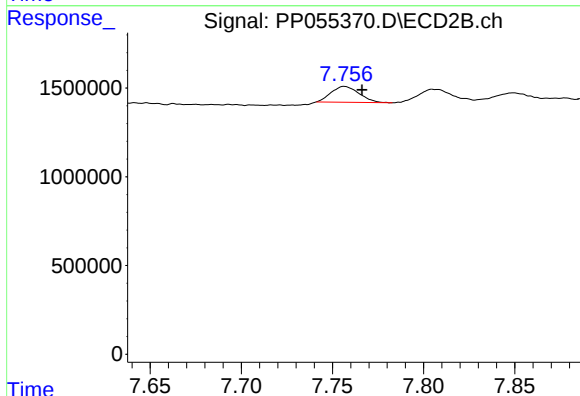
R.T.: 7.550 min
Delta R.T.: -0.009 min
Response: 42311745
Conc: 216.83 ng/ml



#43 AR-1268-3

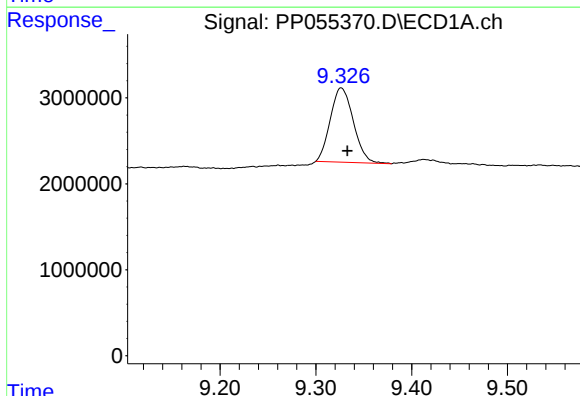
R.T.: 8.904 min
Delta R.T.: -0.003 min
Response: 1367641
Conc: 6.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



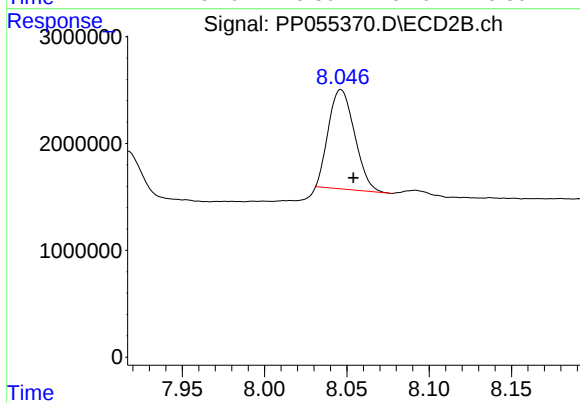
#43 AR-1268-3

R.T.: 7.757 min
Delta R.T.: -0.010 min
Response: 955630
Conc: 5.56 ng/ml



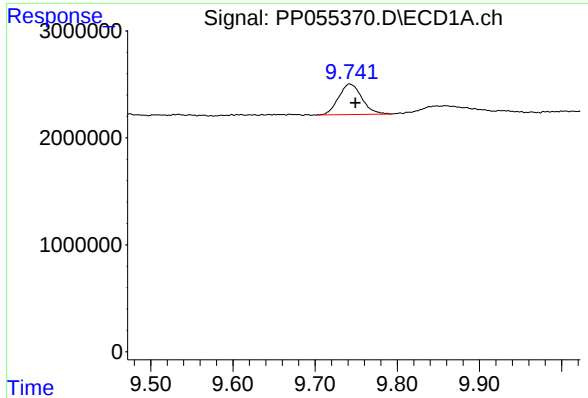
#44 AR-1268-4

R.T.: 9.326 min
Delta R.T.: -0.007 min
Response: 14440423
Conc: 183.85 ng/ml



#44 AR-1268-4

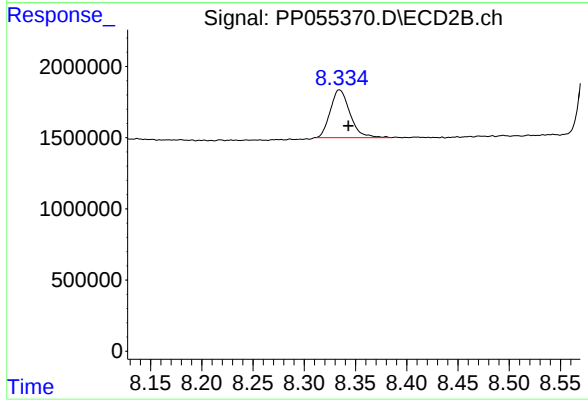
R.T.: 8.046 min
Delta R.T.: -0.008 min
Response: 10284779
Conc: 161.25 ng/ml



#45 AR-1268-5

R.T.: 9.742 min
Delta R.T.: -0.007 min
Response: 5642263
Conc: 8.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.334 min
Delta R.T.: -0.009 min
Response: 4464012
Conc: 8.48 ng/ml