

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102023\
 Data File : PP061138.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 17:41
 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: Oct 20 18:18:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Sat Oct 14 13:32:01 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...	4.557	3.692	110.5E6	62414390	50.286	46.165
2)	SA Decachlor...	10.527	8.764	81433915	60147757	52.001	40.004
Target Compounds							
3)	L1 AR-1016-1	5.750	4.792	38446749	19269611	535.546	370.254 #
4)	L1 AR-1016-2	5.773	4.812	55313161	26110502	539.272	364.575 #
5)	L1 AR-1016-3	5.836	4.990	35769282	16645332	572.399	411.940 #
6)	L1 AR-1016-4	5.936	5.032	32835598	14113269	642.783	436.320 #
7)	L1 AR-1016-5	6.236	5.248	24533108	17962785	485.238	430.212
8)	L2 AR-1221-1	4.765	3.908	3441838	2288898	122.533	112.213
9)	L2 AR-1221-2	4.859	3.996	5394990	3280384	259.758	223.307
10)	L2 AR-1221-3	4.936	4.073	19000827	11699725	307.913	278.964
11)	L3 AR-1232-1	4.936	4.073	19000827	11699725	375.600	338.793
12)	L3 AR-1232-2	5.477	4.812	38929039	26110502	1459.501	789.553 #
13)	L3 AR-1232-3	5.773	4.990	55313161	16645332	1178.680	898.259
14)	L3 AR-1232-4	5.936	5.074	32835598	18257059	1403.462	1086.819
15)	L3 AR-1232-5	6.028	5.248	26751894	17962785	1372.699	956.243 #
16)	L4 AR-1242-1	5.750	4.792	38446749	19269611	684.371	477.351 #
17)	L4 AR-1242-2	5.773	4.812	55313161	26110502	695.327	476.884 #
18)	L4 AR-1242-3	5.836	4.990	35769282	16645332	720.509	535.821 #
19)	L4 AR-1242-4	5.936	5.074	32835598	18257059	821.998	581.102 #
20)	L4 AR-1242-5	6.686	5.603	4592081	13492877	113.172	345.086 #
21)	L5 AR-1248-1	5.750	4.792	38446749	19269611	885.455	624.130 #
22)	L5 AR-1248-2	6.028	5.032	26751894	14113269	413.731	322.168
23)	L5 AR-1248-3	6.236	5.074	24533108	18257059	349.399	393.854
24)	L5 AR-1248-4	6.619f	5.248	23847085	17962785	312.106	324.944
25)	L5 AR-1248-5	6.686	5.644	4592081	2028141	62.229	38.904 #
26)	L6 AR-1254-1	6.619	5.603	23847085	13492877	301.522	174.640 #
27)	L6 AR-1254-2	6.840	5.751	23403829	13165406	196.460	190.014
28)	L6 AR-1254-3	7.212	6.140	30284672	5299402	247.545	46.835 #
29)	L6 AR-1254-4	7.501	6.389	46109162	2230354	523.852	32.461 #
30)	L6 AR-1254-5	7.924	6.810	77045282	47262210	775.883	441.830 #
31)	L7 AR-1260-1	7.378	6.290	70011038	33817525	747.937	408.667 #
32)	L7 AR-1260-2	7.637	6.479	76527063	39801166	704.879	404.185 #
33)	L7 AR-1260-3	8.001	6.634	49204661	38347944	707.962	405.508 #
34)	L7 AR-1260-4	8.234	7.110	52752458	28928729	618.383	403.624 #
35)	L7 AR-1260-5	8.572	7.353	87564254	68115324	542.720	406.126 #
36)	L8 AR-1262-1	8.001	6.902	49204661	15647642	391.746	328.249
37)	L8 AR-1262-2	8.572	7.110	87564254	28928729	395.762	274.660 #
38)	L8 AR-1262-3	8.920f	7.638	49162523	13264974	327.374	158.448 #
39)	L8 AR-1262-4	8.982	7.702	28135485	49465906	248.759	327.122 #
40)	L8 AR-1262-5	9.708f	8.203	45505586	14014077	604.782	198.001 #
41)	L9 AR-1268-1	8.920f	7.638	49162523	13264974	188.671	55.291 #

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

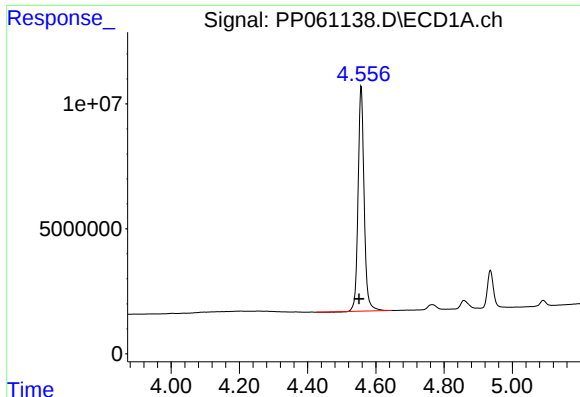
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 18:18:39 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP101323.M
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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	8.982	7.702	28135485	49465906	119.996	230.550 #
43) L9	AR-1268-3	0.000	7.911	0	2791087	N.D.	14.735 #
44) L9	AR-1268-4	9.708	8.203	45505586	14014077	564.965	182.884 #
45) L9	AR-1268-5	10.158f	8.502	10042753	5429960	15.741	9.833 #

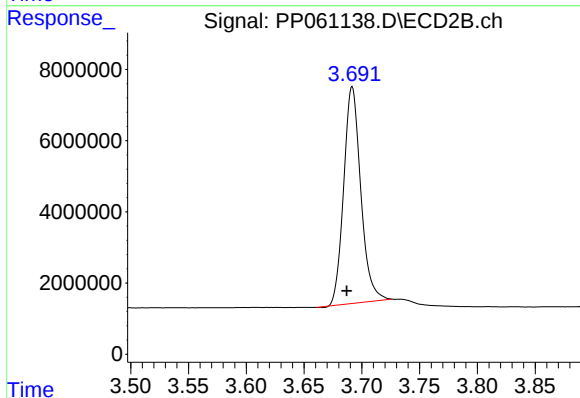
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

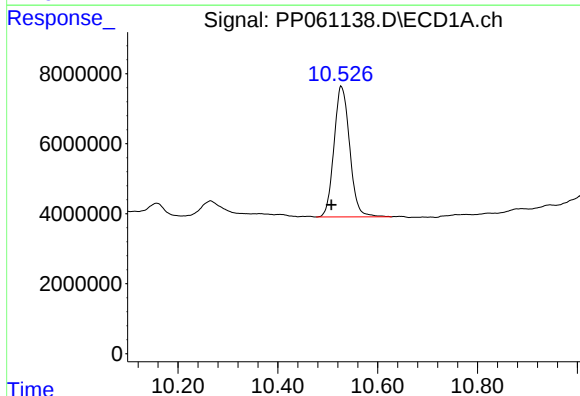
R.T.: 4.557 min
Delta R.T.: 0.006 min
Response: 110546543
Conc: 50.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



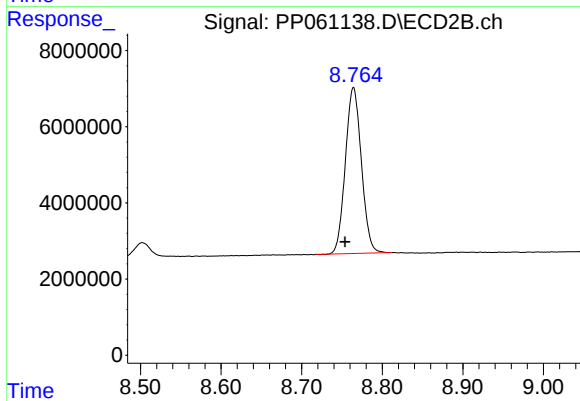
#1 Tetrachloro-m-xylene

R.T.: 3.692 min
Delta R.T.: 0.005 min
Response: 62414390
Conc: 46.16 ng/ml



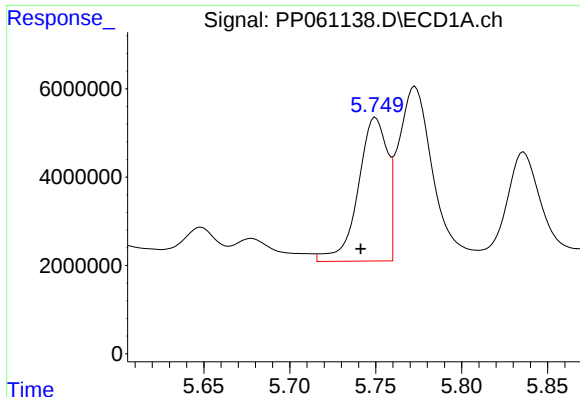
#2 Decachlorobiphenyl

R.T.: 10.527 min
Delta R.T.: 0.020 min
Response: 81433915
Conc: 52.00 ng/ml



#2 Decachlorobiphenyl

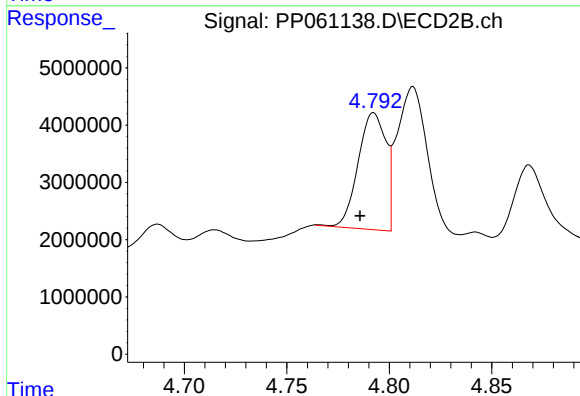
R.T.: 8.764 min
Delta R.T.: 0.011 min
Response: 60147757
Conc: 40.00 ng/ml



#3 AR-1016-1

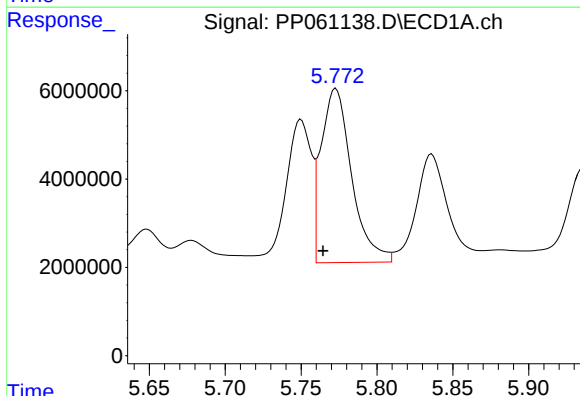
R.T.: 5.750 min
Delta R.T.: 0.009 min
Response: 38446749
Conc: 535.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



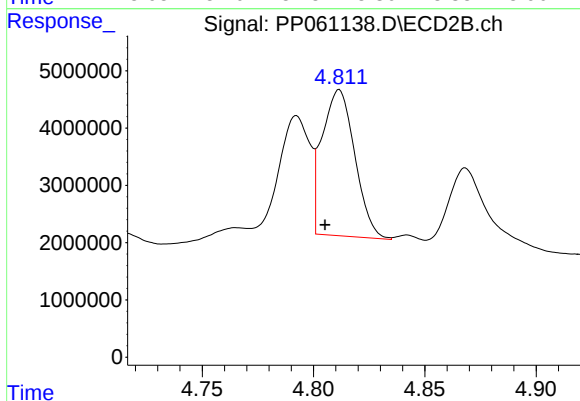
#3 AR-1016-1

R.T.: 4.792 min
Delta R.T.: 0.007 min
Response: 19269611
Conc: 370.25 ng/ml



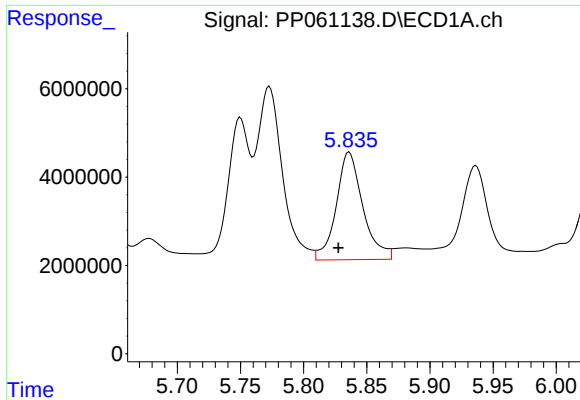
#4 AR-1016-2

R.T.: 5.773 min
Delta R.T.: 0.009 min
Response: 55313161
Conc: 539.27 ng/ml



#4 AR-1016-2

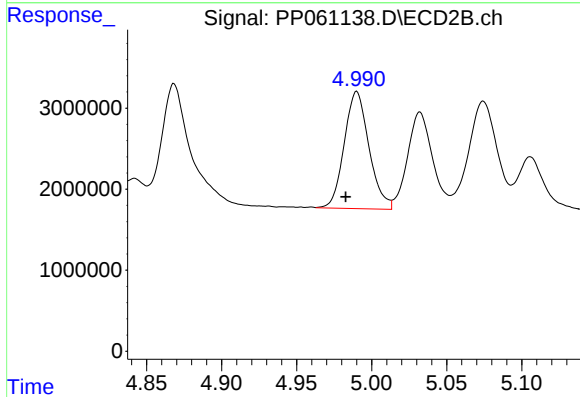
R.T.: 4.812 min
Delta R.T.: 0.006 min
Response: 26110502
Conc: 364.57 ng/ml



#5 AR-1016-3

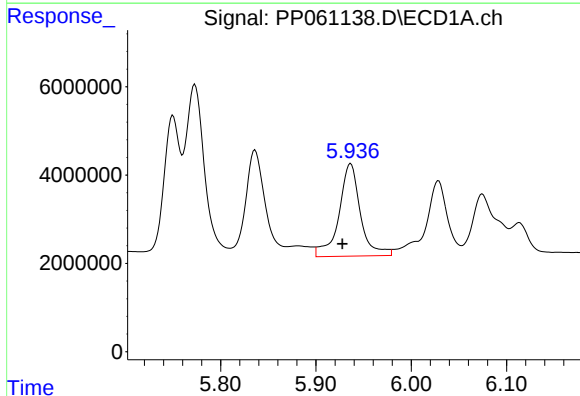
R.T.: 5.836 min
Delta R.T.: 0.009 min
Response: 35769282
Conc: 572.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



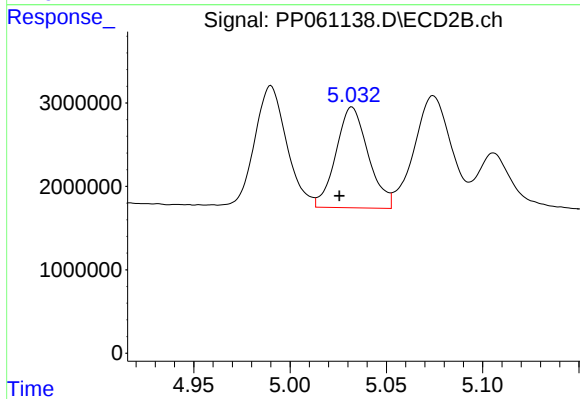
#5 AR-1016-3

R.T.: 4.990 min
Delta R.T.: 0.007 min
Response: 16645332
Conc: 411.94 ng/ml



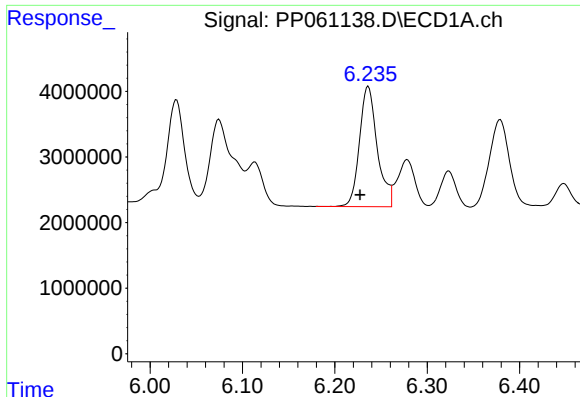
#6 AR-1016-4

R.T.: 5.936 min
Delta R.T.: 0.009 min
Response: 32835598
Conc: 642.78 ng/ml



#6 AR-1016-4

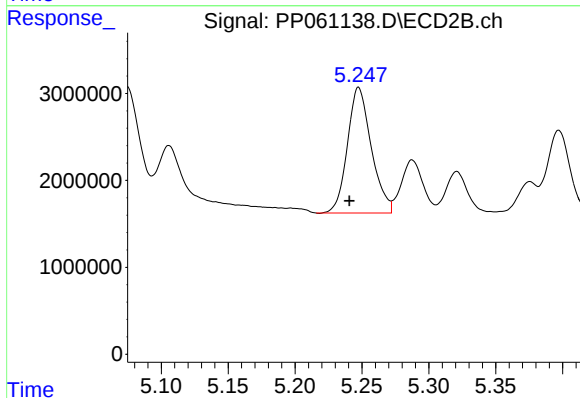
R.T.: 5.032 min
Delta R.T.: 0.007 min
Response: 14113269
Conc: 436.32 ng/ml



#7 AR-1016-5

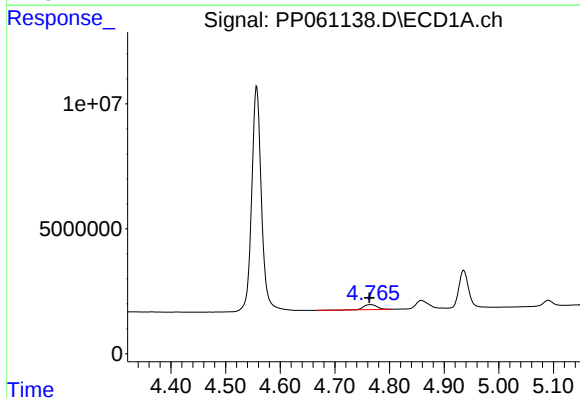
R.T.: 6.236 min
Delta R.T.: 0.009 min
Response: 24533108
Conc: 485.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



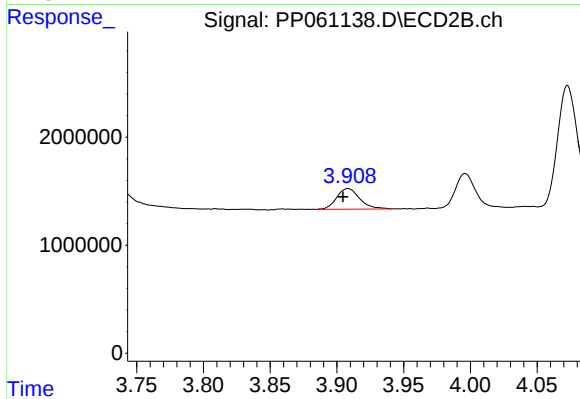
#7 AR-1016-5

R.T.: 5.248 min
Delta R.T.: 0.007 min
Response: 17962785
Conc: 430.21 ng/ml



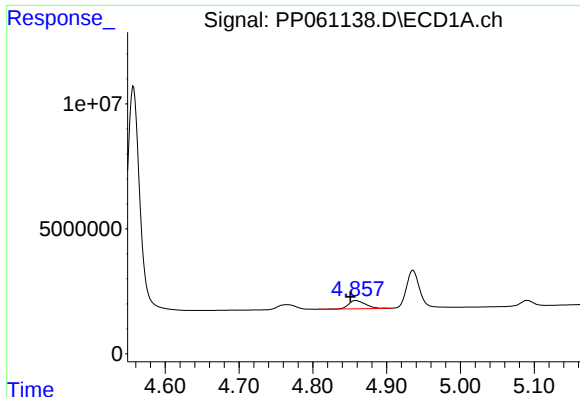
#8 AR-1221-1

R.T.: 4.765 min
Delta R.T.: 0.002 min
Response: 3441838
Conc: 122.53 ng/ml



#8 AR-1221-1

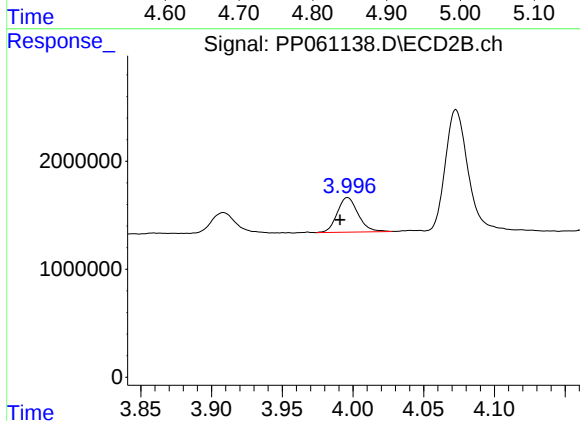
R.T.: 3.908 min
Delta R.T.: 0.004 min
Response: 2288898
Conc: 112.21 ng/ml



#9 AR-1221-2

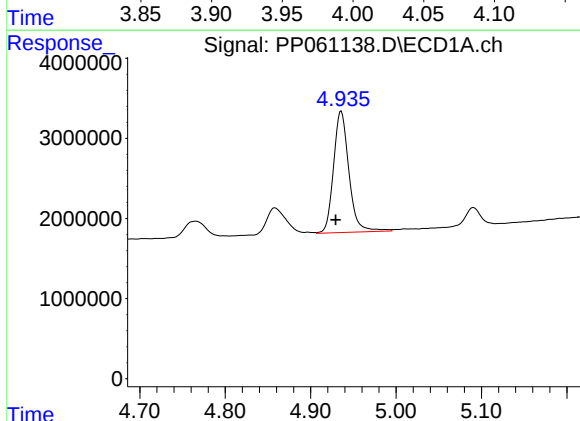
R.T.: 4.859 min
Delta R.T.: 0.007 min
Response: 5394990
Conc: 259.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



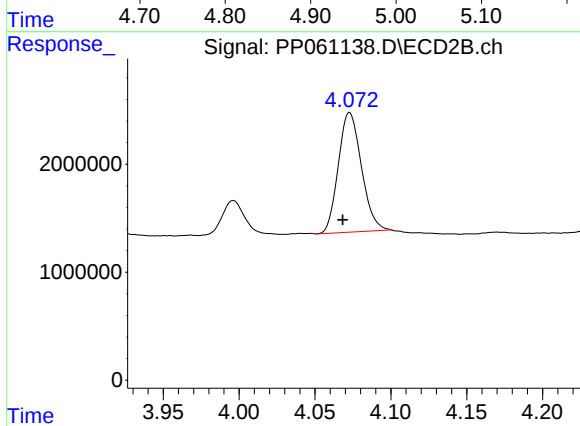
#9 AR-1221-2

R.T.: 3.996 min
Delta R.T.: 0.005 min
Response: 3280384
Conc: 223.31 ng/ml



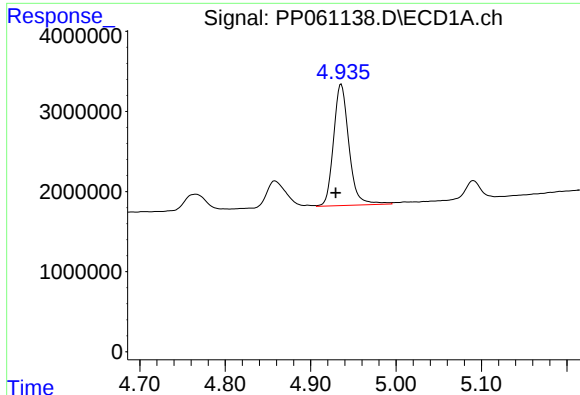
#10 AR-1221-3

R.T.: 4.936 min
Delta R.T.: 0.006 min
Response: 19000827
Conc: 307.91 ng/ml



#10 AR-1221-3

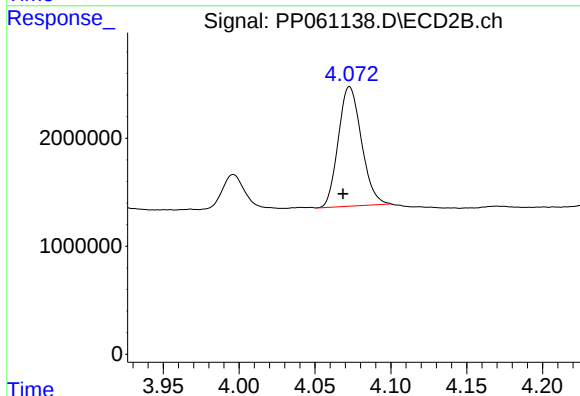
R.T.: 4.073 min
Delta R.T.: 0.005 min
Response: 11699725
Conc: 278.96 ng/ml



#11 AR-1232-1

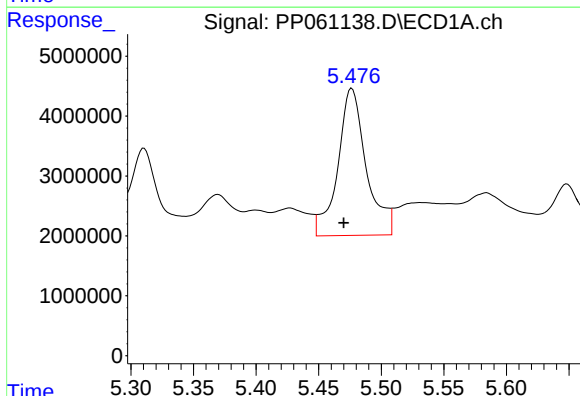
R.T.: 4.936 min
Delta R.T.: 0.007 min
Response: 19000827
Conc: 375.60 ng/ml

Instrument :
ECD_P
ClientSampleId :



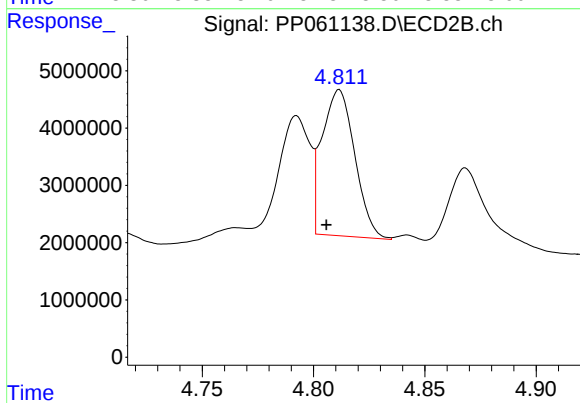
#11 AR-1232-1

R.T.: 4.073 min
Delta R.T.: 0.004 min
Response: 11699725
Conc: 338.79 ng/ml



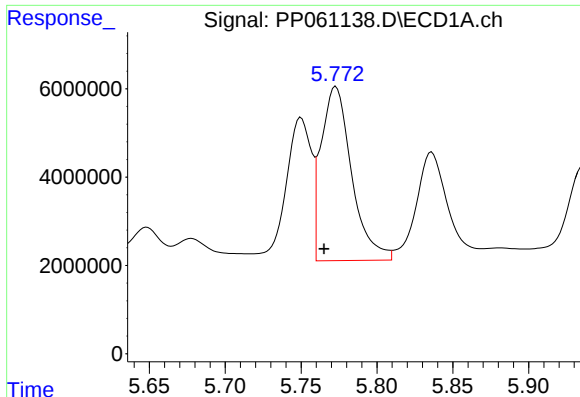
#12 AR-1232-2

R.T.: 5.477 min
Delta R.T.: 0.007 min
Response: 38929039
Conc: 1459.50 ng/ml



#12 AR-1232-2

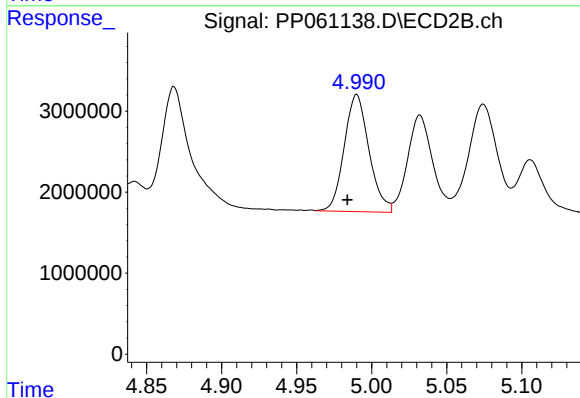
R.T.: 4.812 min
Delta R.T.: 0.006 min
Response: 26110502
Conc: 789.55 ng/ml



#13 AR-1232-3

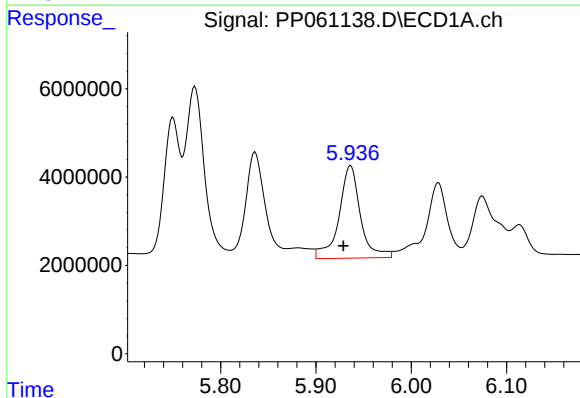
R.T.: 5.773 min
Delta R.T.: 0.008 min
Response: 55313161
Conc: 1178.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



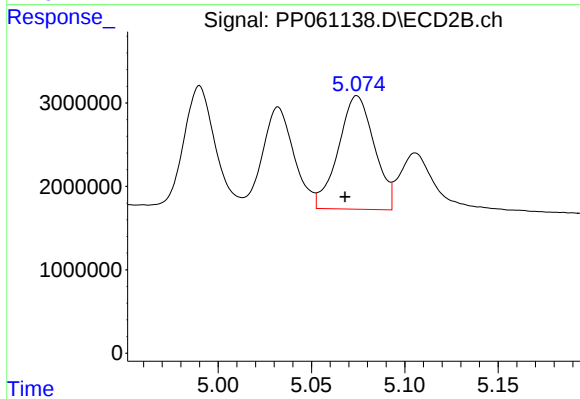
#13 AR-1232-3

R.T.: 4.990 min
Delta R.T.: 0.006 min
Response: 16645332
Conc: 898.26 ng/ml



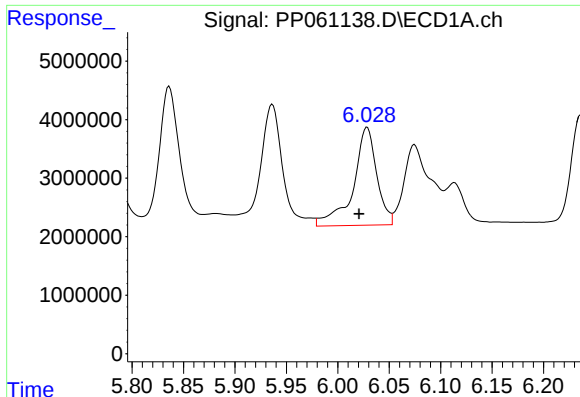
#14 AR-1232-4

R.T.: 5.936 min
Delta R.T.: 0.007 min
Response: 32835598
Conc: 1403.46 ng/ml



#14 AR-1232-4

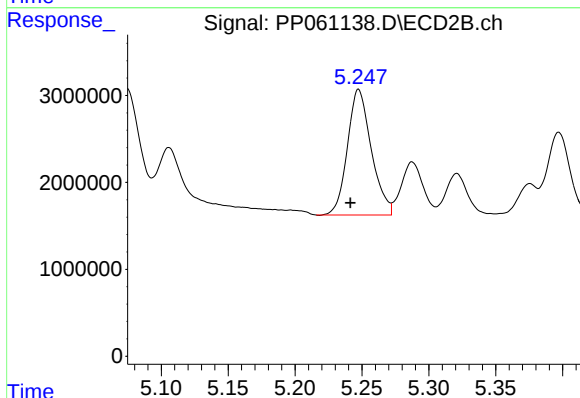
R.T.: 5.074 min
Delta R.T.: 0.006 min
Response: 18257059
Conc: 1086.82 ng/ml



#15 AR-1232-5

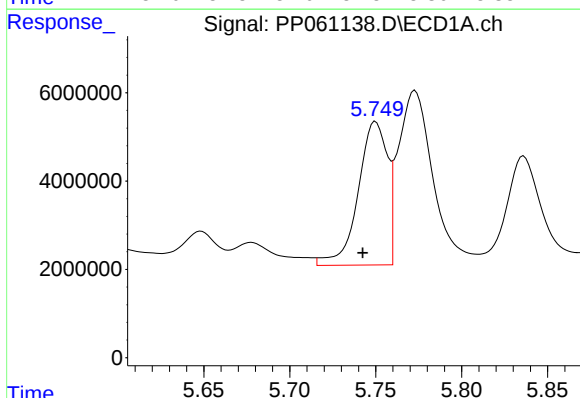
R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 26751894
Conc: 1372.70 ng/ml

Instrument :
ECD_P
ClientSampleId :



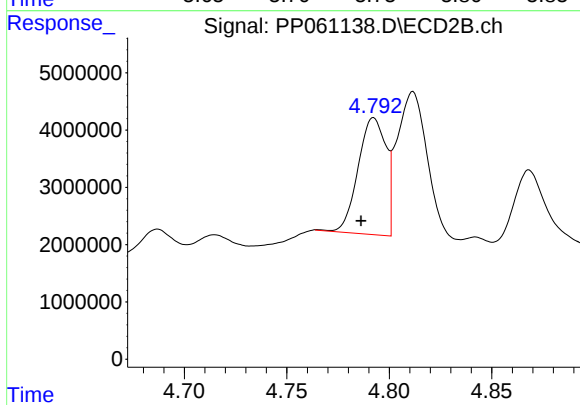
#15 AR-1232-5

R.T.: 5.248 min
Delta R.T.: 0.006 min
Response: 17962785
Conc: 956.24 ng/ml



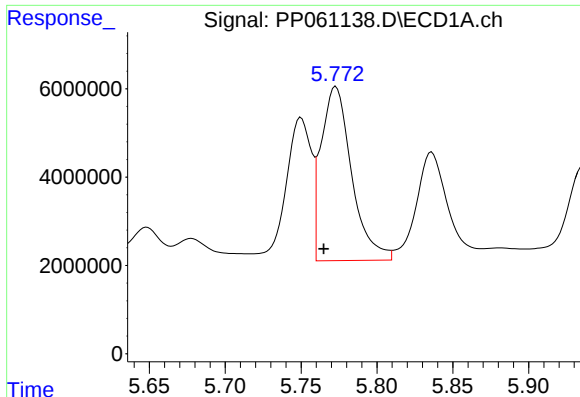
#16 AR-1242-1

R.T.: 5.750 min
Delta R.T.: 0.008 min
Response: 38446749
Conc: 684.37 ng/ml



#16 AR-1242-1

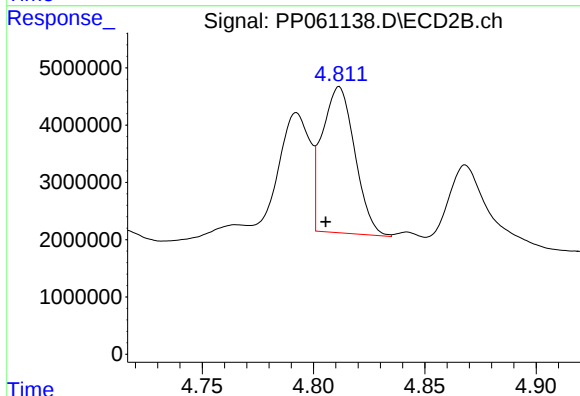
R.T.: 4.792 min
Delta R.T.: 0.006 min
Response: 19269611
Conc: 477.35 ng/ml



#17 AR-1242-2

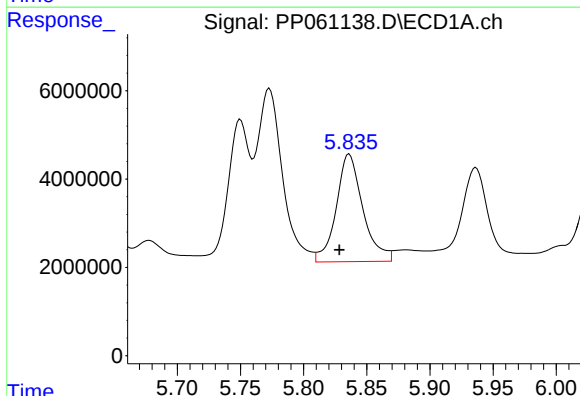
R.T.: 5.773 min
Delta R.T.: 0.008 min
Response: 55313161
Conc: 695.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



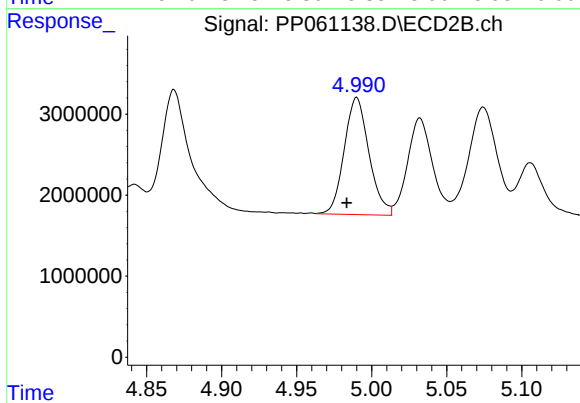
#17 AR-1242-2

R.T.: 4.812 min
Delta R.T.: 0.006 min
Response: 26110502
Conc: 476.88 ng/ml



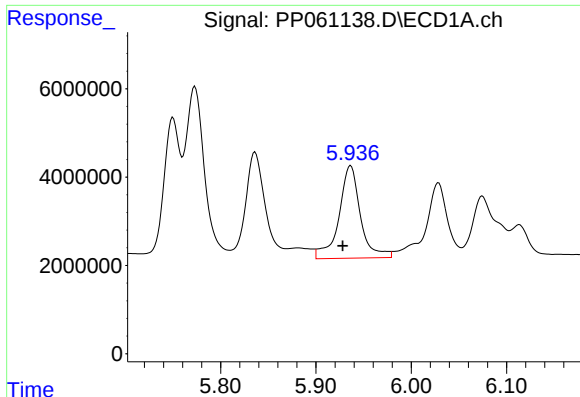
#18 AR-1242-3

R.T.: 5.836 min
Delta R.T.: 0.008 min
Response: 35769282
Conc: 720.51 ng/ml



#18 AR-1242-3

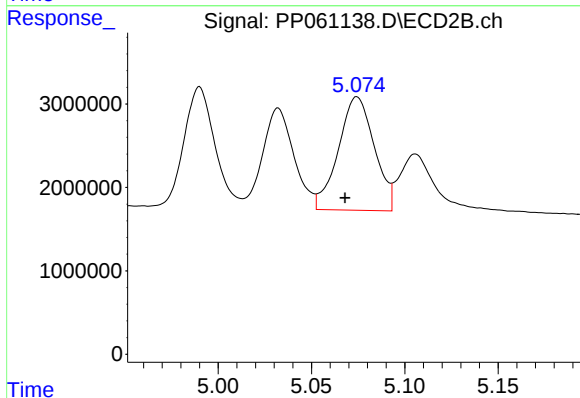
R.T.: 4.990 min
Delta R.T.: 0.007 min
Response: 16645332
Conc: 535.82 ng/ml



#19 AR-1242-4

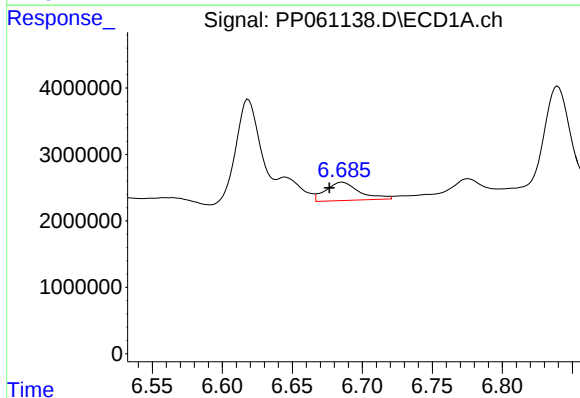
R.T.: 5.936 min
Delta R.T.: 0.008 min
Response: 32835598
Conc: 822.00 ng/ml

Instrument :
ECD_P
ClientSampleId :



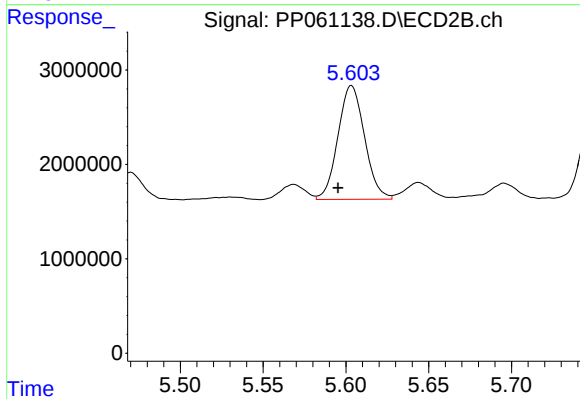
#19 AR-1242-4

R.T.: 5.074 min
Delta R.T.: 0.006 min
Response: 18257059
Conc: 581.10 ng/ml



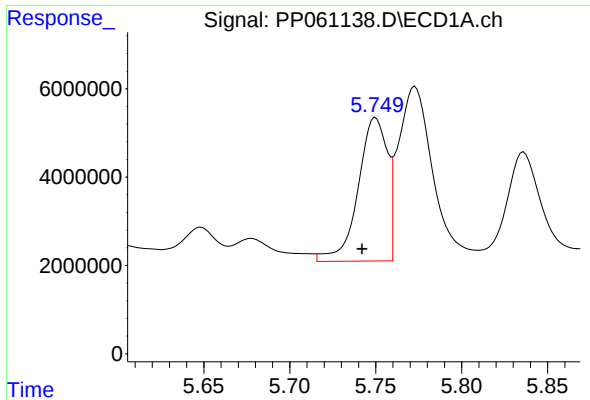
#20 AR-1242-5

R.T.: 6.686 min
Delta R.T.: 0.009 min
Response: 4592081
Conc: 113.17 ng/ml



#20 AR-1242-5

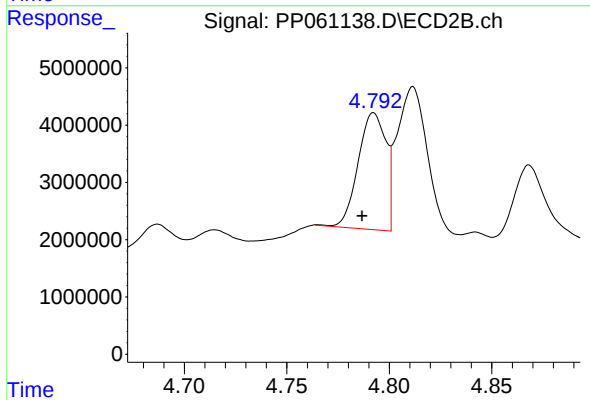
R.T.: 5.603 min
Delta R.T.: 0.008 min
Response: 13492877
Conc: 345.09 ng/ml



#21 AR-1248-1

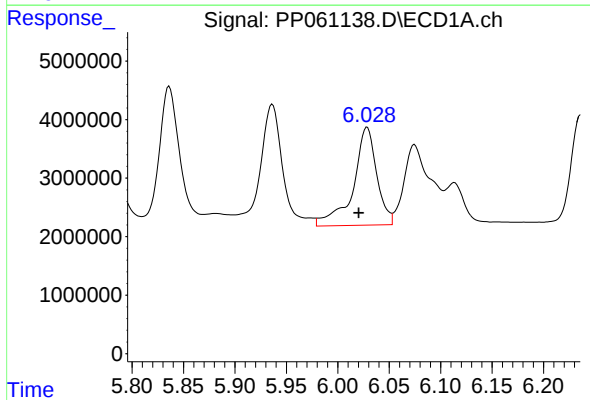
R.T.: 5.750 min
Delta R.T.: 0.008 min
Response: 38446749
Conc: 885.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



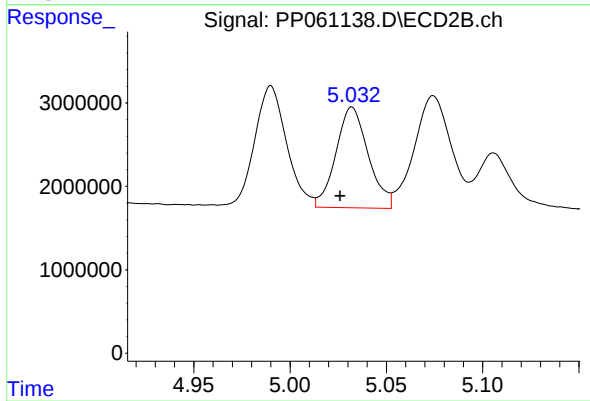
#21 AR-1248-1

R.T.: 4.792 min
Delta R.T.: 0.006 min
Response: 19269611
Conc: 624.13 ng/ml



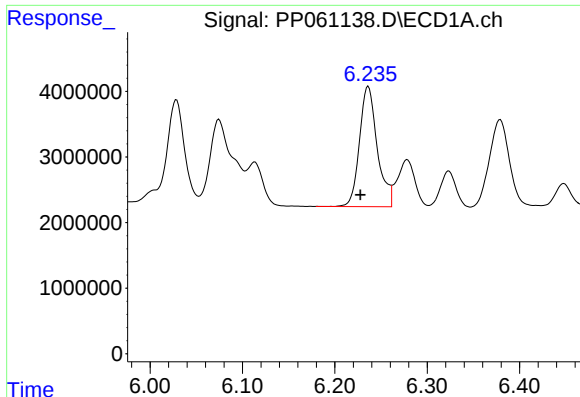
#22 AR-1248-2

R.T.: 6.028 min
Delta R.T.: 0.008 min
Response: 26751894
Conc: 413.73 ng/ml



#22 AR-1248-2

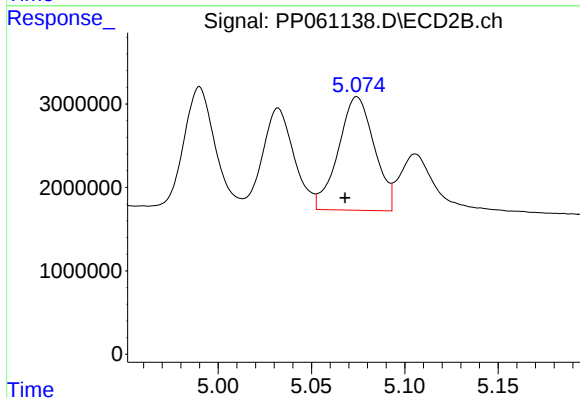
R.T.: 5.032 min
Delta R.T.: 0.006 min
Response: 14113269
Conc: 322.17 ng/ml



#23 AR-1248-3

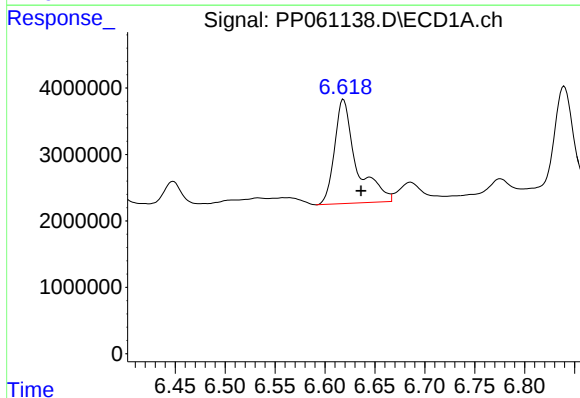
R.T.: 6.236 min
Delta R.T.: 0.008 min
Response: 24533108
Conc: 349.40 ng/ml

Instrument :
ECD_P
ClientSampleId :



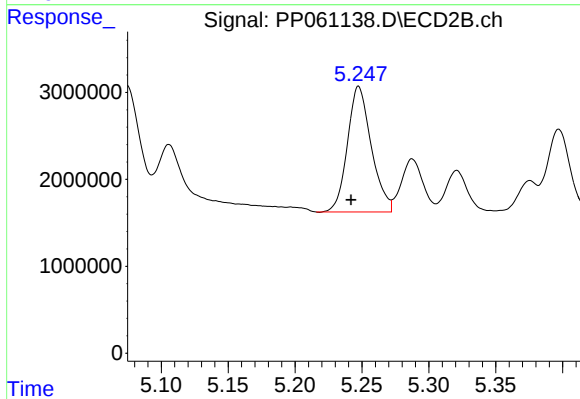
#23 AR-1248-3

R.T.: 5.074 min
Delta R.T.: 0.006 min
Response: 18257059
Conc: 393.85 ng/ml



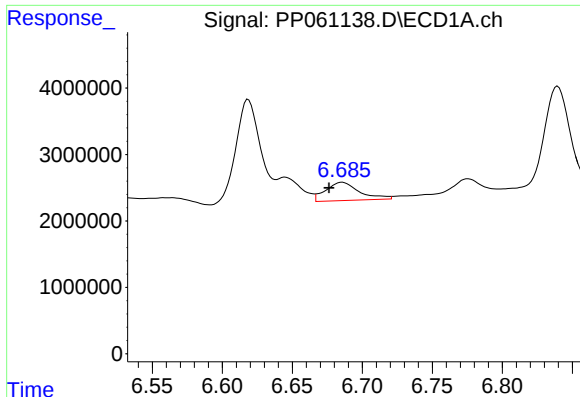
#24 AR-1248-4

R.T.: 6.619 min
Delta R.T.: -0.018 min
Response: 23847085
Conc: 312.11 ng/ml



#24 AR-1248-4

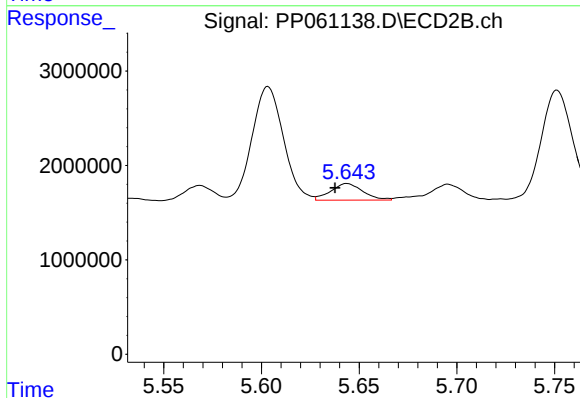
R.T.: 5.248 min
Delta R.T.: 0.006 min
Response: 17962785
Conc: 324.94 ng/ml



#25 AR-1248-5

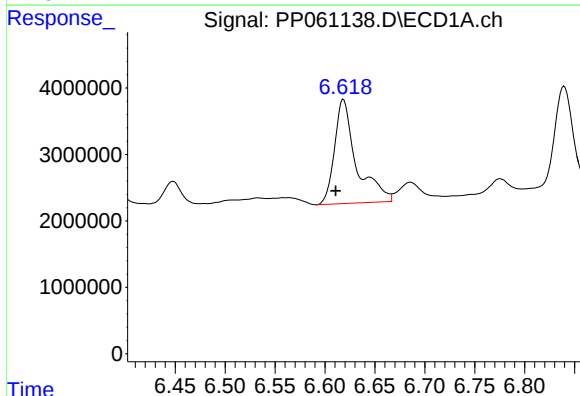
R.T.: 6.686 min
Delta R.T.: 0.009 min
Response: 4592081
Conc: 62.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



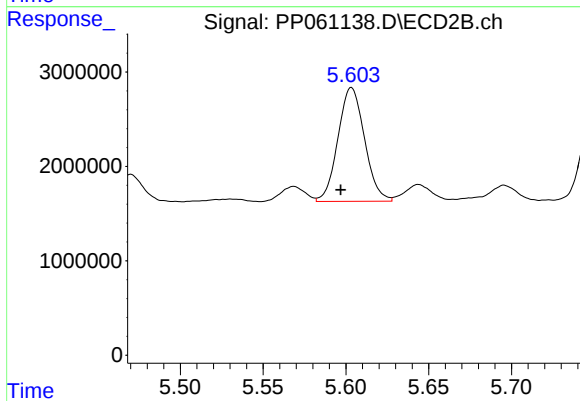
#25 AR-1248-5

R.T.: 5.644 min
Delta R.T.: 0.006 min
Response: 2028141
Conc: 38.90 ng/ml



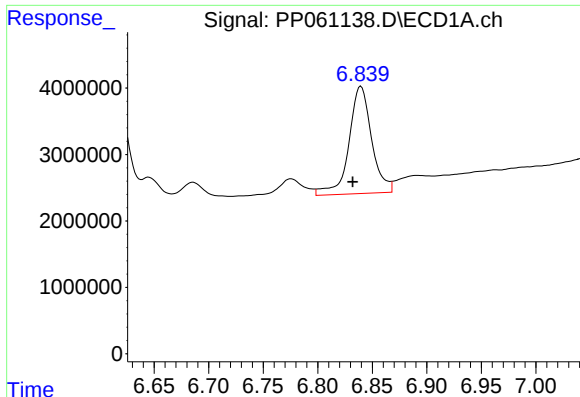
#26 AR-1254-1

R.T.: 6.619 min
Delta R.T.: 0.008 min
Response: 23847085
Conc: 301.52 ng/ml



#26 AR-1254-1

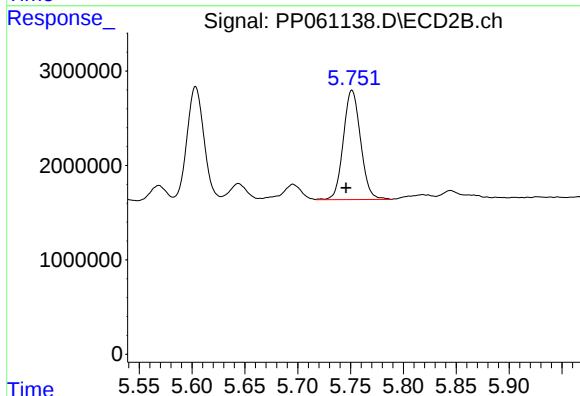
R.T.: 5.603 min
Delta R.T.: 0.006 min
Response: 13492877
Conc: 174.64 ng/ml



#27 AR-1254-2

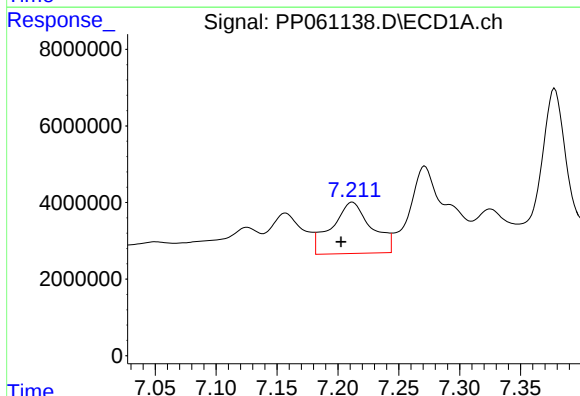
R.T.: 6.840 min
Delta R.T.: 0.008 min
Response: 23403829
Conc: 196.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



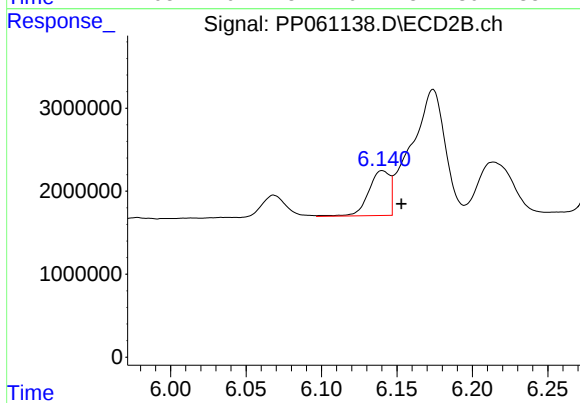
#27 AR-1254-2

R.T.: 5.751 min
Delta R.T.: 0.006 min
Response: 13165406
Conc: 190.01 ng/ml



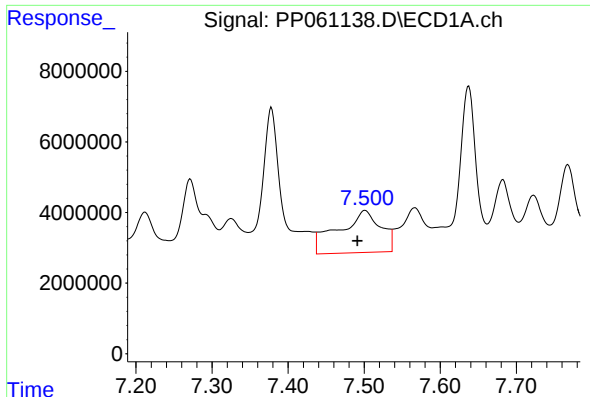
#28 AR-1254-3

R.T.: 7.212 min
Delta R.T.: 0.009 min
Response: 30284672
Conc: 247.54 ng/ml



#28 AR-1254-3

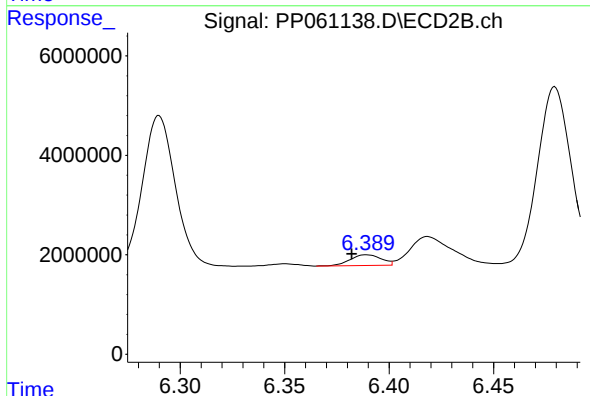
R.T.: 6.140 min
Delta R.T.: -0.013 min
Response: 5299402
Conc: 46.83 ng/ml



#29 AR-1254-4

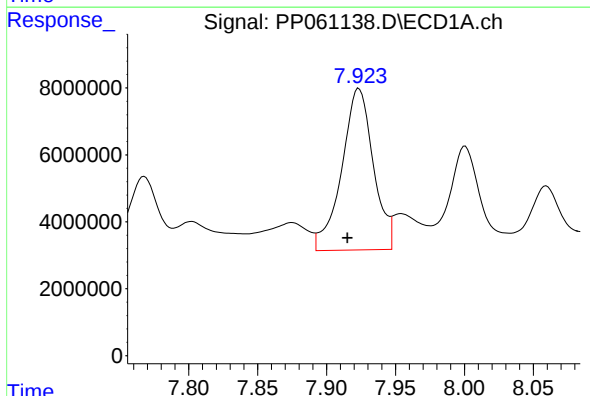
R.T.: 7.501 min
Delta R.T.: 0.010 min
Response: 46109162
Conc: 523.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



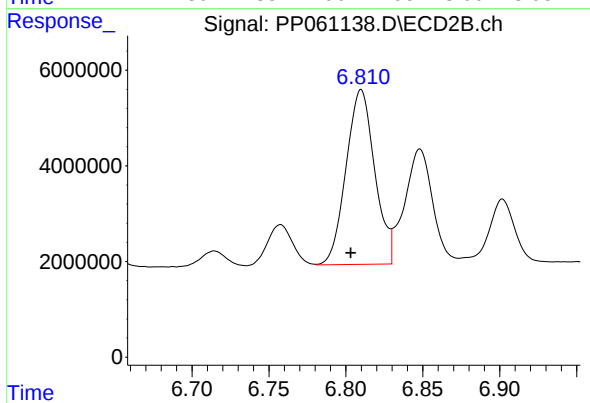
#29 AR-1254-4

R.T.: 6.389 min
Delta R.T.: 0.007 min
Response: 2230354
Conc: 32.46 ng/ml



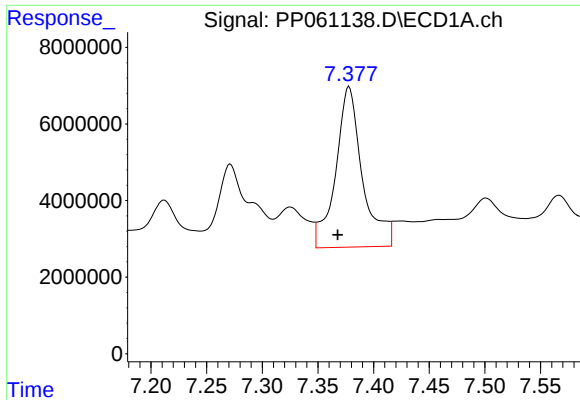
#30 AR-1254-5

R.T.: 7.924 min
Delta R.T.: 0.008 min
Response: 77045282
Conc: 775.88 ng/ml



#30 AR-1254-5

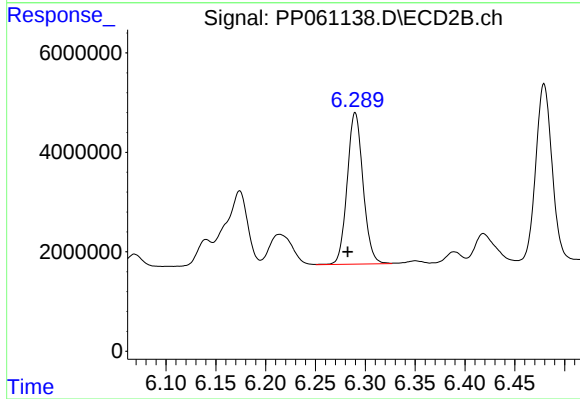
R.T.: 6.810 min
Delta R.T.: 0.007 min
Response: 47262210
Conc: 441.83 ng/ml



#31 AR-1260-1

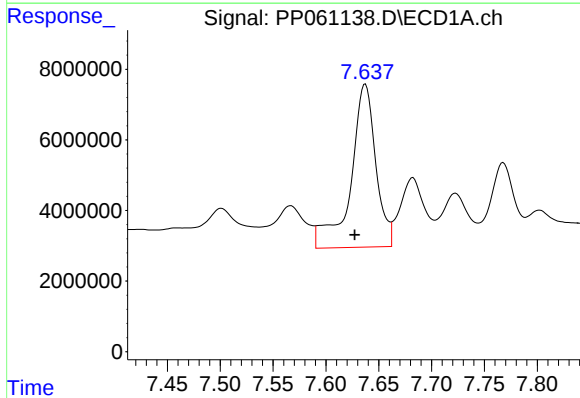
R.T.: 7.378 min
Delta R.T.: 0.010 min
Response: 70011038
Conc: 747.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



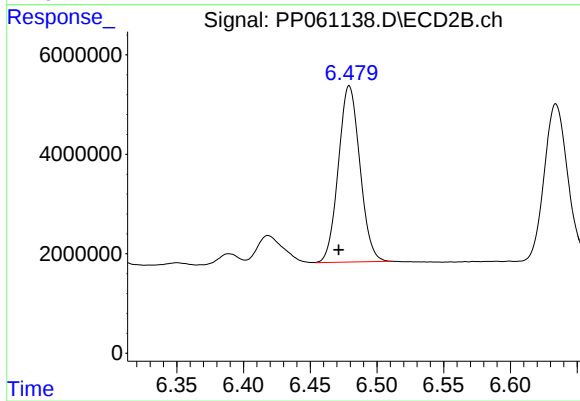
#31 AR-1260-1

R.T.: 6.290 min
Delta R.T.: 0.007 min
Response: 33817525
Conc: 408.67 ng/ml



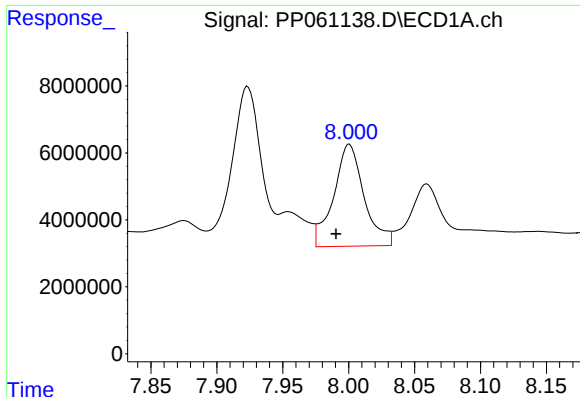
#32 AR-1260-2

R.T.: 7.637 min
Delta R.T.: 0.010 min
Response: 76527063
Conc: 704.88 ng/ml



#32 AR-1260-2

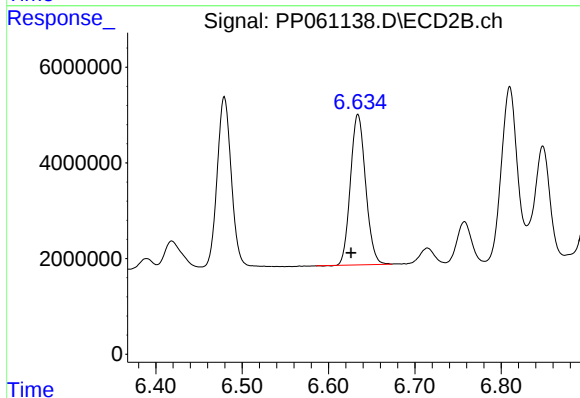
R.T.: 6.479 min
Delta R.T.: 0.008 min
Response: 39801166
Conc: 404.19 ng/ml



#33 AR-1260-3

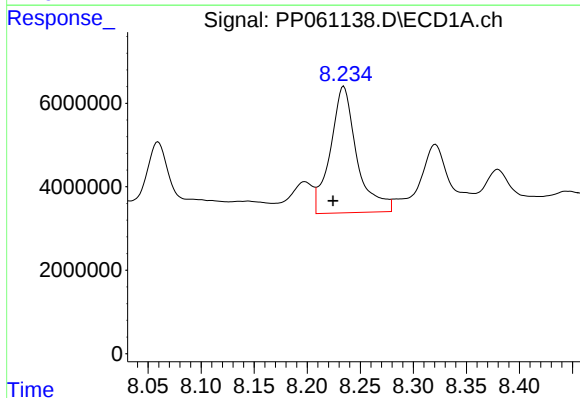
R.T.: 8.001 min
Delta R.T.: 0.010 min
Response: 49204661
Conc: 707.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



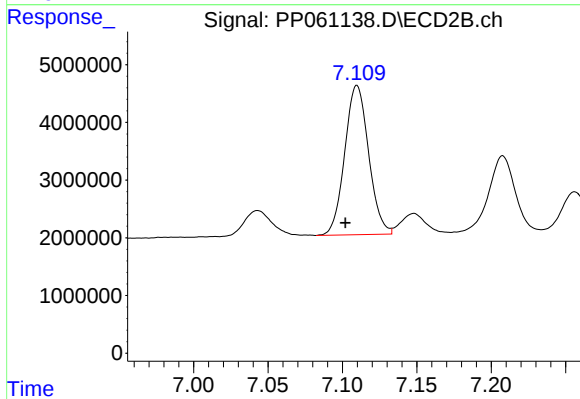
#33 AR-1260-3

R.T.: 6.634 min
Delta R.T.: 0.008 min
Response: 38347944
Conc: 405.51 ng/ml



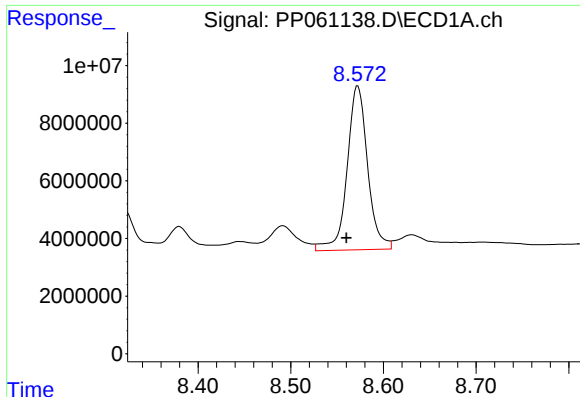
#34 AR-1260-4

R.T.: 8.234 min
Delta R.T.: 0.010 min
Response: 52752458
Conc: 618.38 ng/ml



#34 AR-1260-4

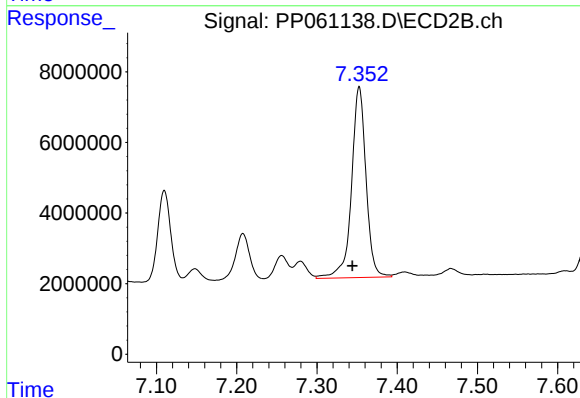
R.T.: 7.110 min
Delta R.T.: 0.008 min
Response: 28928729
Conc: 403.62 ng/ml



#35 AR-1260-5

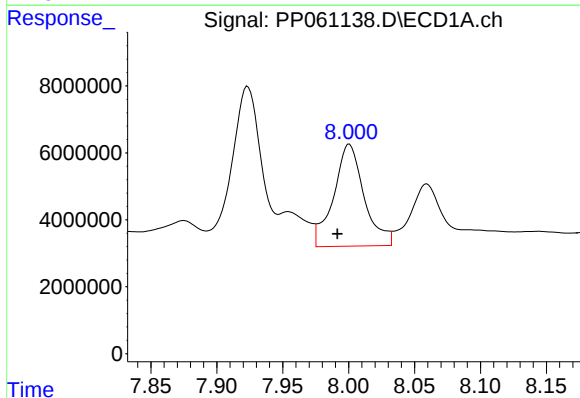
R.T.: 8.572 min
Delta R.T.: 0.012 min
Response: 87564254
Conc: 542.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



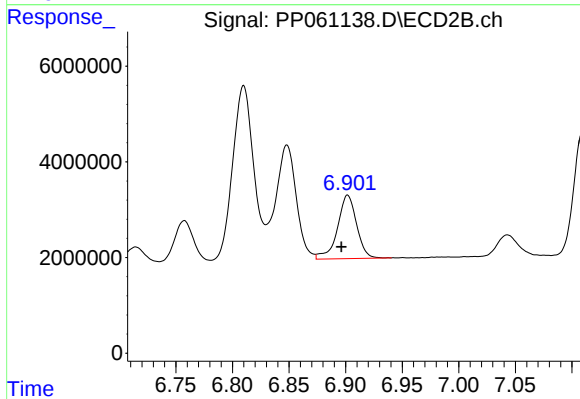
#35 AR-1260-5

R.T.: 7.353 min
Delta R.T.: 0.009 min
Response: 68115324
Conc: 406.13 ng/ml



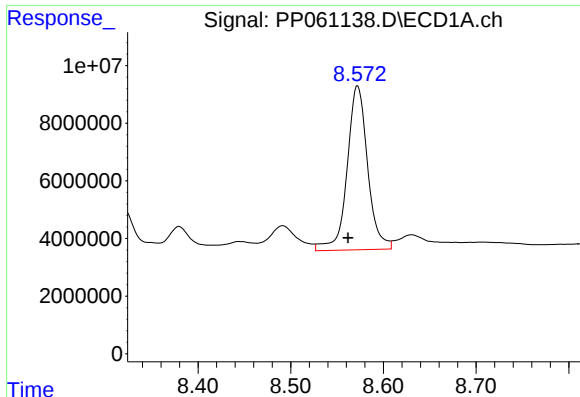
#36 AR-1262-1

R.T.: 8.001 min
Delta R.T.: 0.009 min
Response: 49204661
Conc: 391.75 ng/ml



#36 AR-1262-1

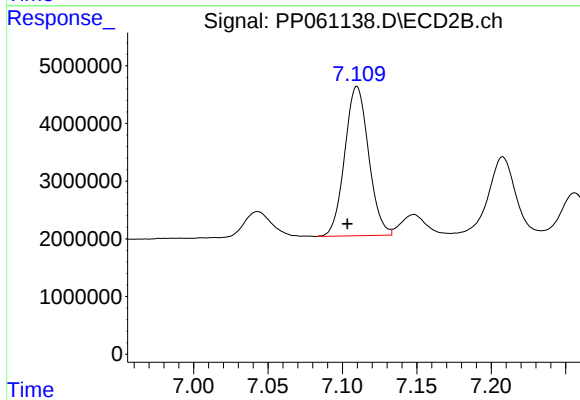
R.T.: 6.902 min
Delta R.T.: 0.006 min
Response: 15647642
Conc: 328.25 ng/ml



#37 AR-1262-2

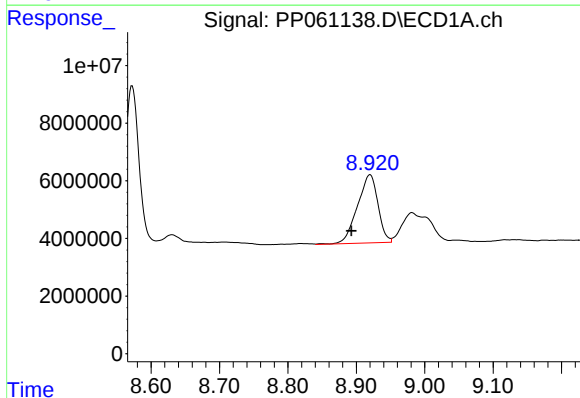
R.T.: 8.572 min
Delta R.T.: 0.011 min
Response: 87564254
Conc: 395.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



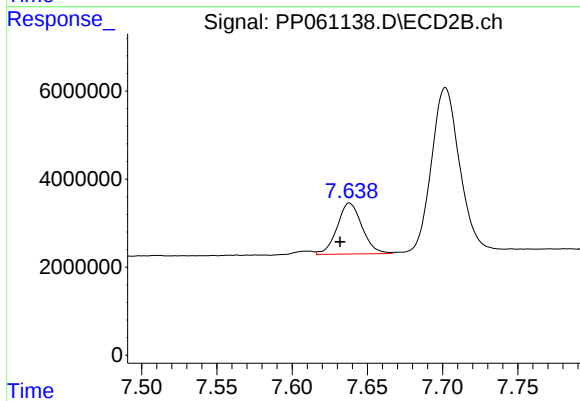
#37 AR-1262-2

R.T.: 7.110 min
Delta R.T.: 0.006 min
Response: 28928729
Conc: 274.66 ng/ml



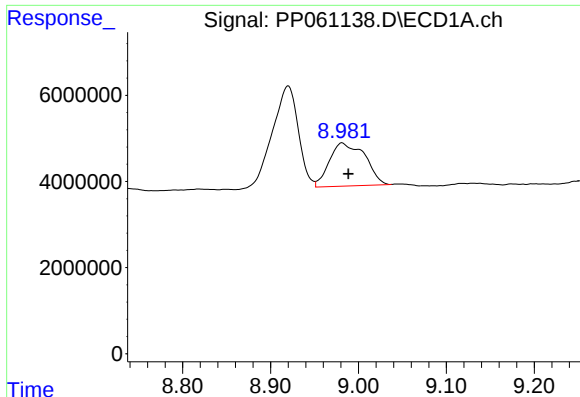
#38 AR-1262-3

R.T.: 8.920 min
Delta R.T.: 0.027 min
Response: 49162523
Conc: 327.37 ng/ml



#38 AR-1262-3

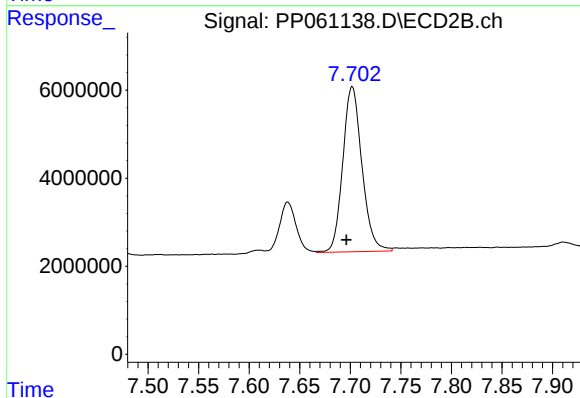
R.T.: 7.638 min
Delta R.T.: 0.006 min
Response: 13264974
Conc: 158.45 ng/ml



#39 AR-1262-4

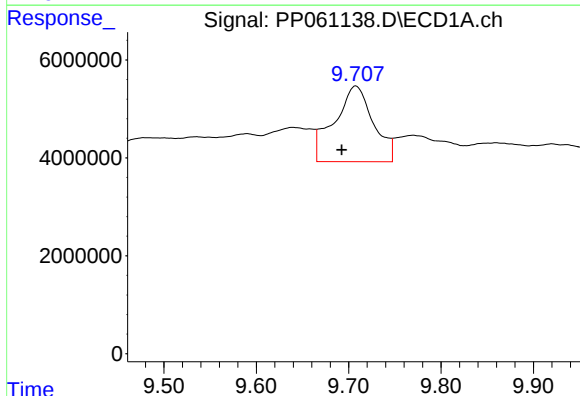
R.T.: 8.982 min
Delta R.T.: -0.007 min
Response: 28135485
Conc: 248.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



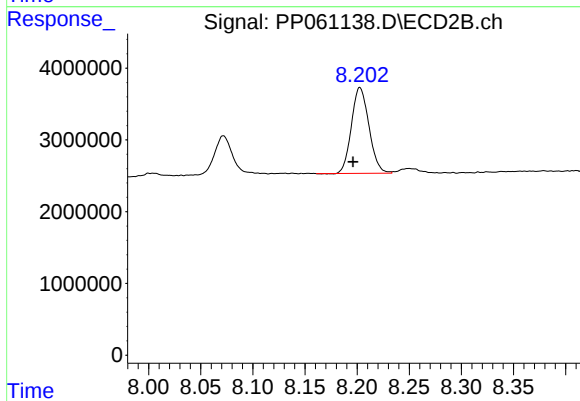
#39 AR-1262-4

R.T.: 7.702 min
Delta R.T.: 0.006 min
Response: 49465906
Conc: 327.12 ng/ml



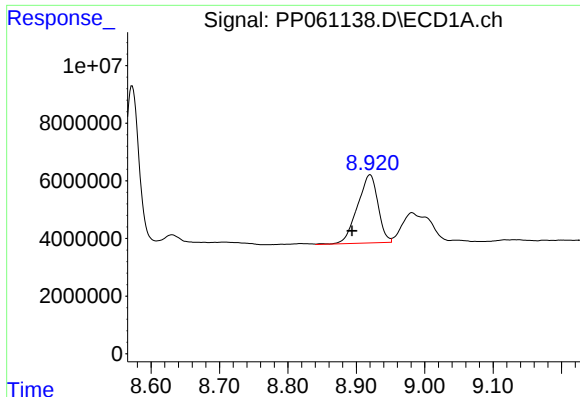
#40 AR-1262-5

R.T.: 9.708 min
Delta R.T.: 0.015 min
Response: 45505586
Conc: 604.78 ng/ml



#40 AR-1262-5

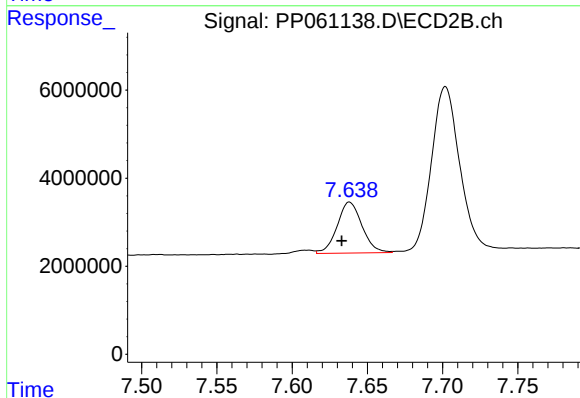
R.T.: 8.203 min
Delta R.T.: 0.007 min
Response: 14014077
Conc: 198.00 ng/ml



#41 AR-1268-1

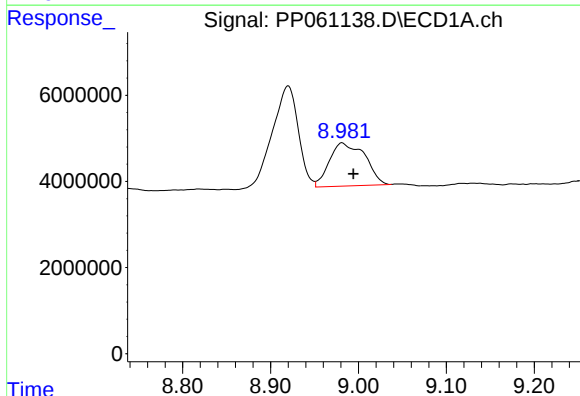
R.T.: 8.920 min
Delta R.T.: 0.026 min
Response: 49162523
Conc: 188.67 ng/ml

Instrument :
ECD_P
ClientSampleId :



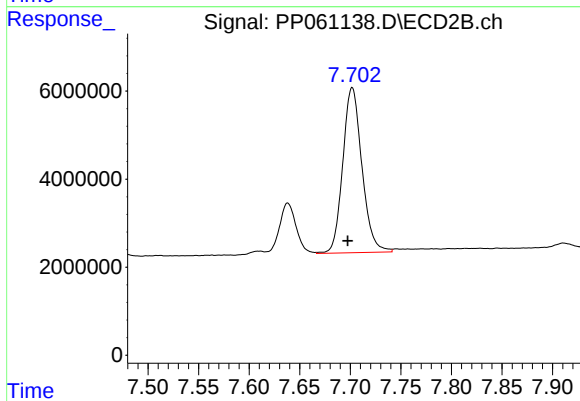
#41 AR-1268-1

R.T.: 7.638 min
Delta R.T.: 0.005 min
Response: 13264974
Conc: 55.29 ng/ml



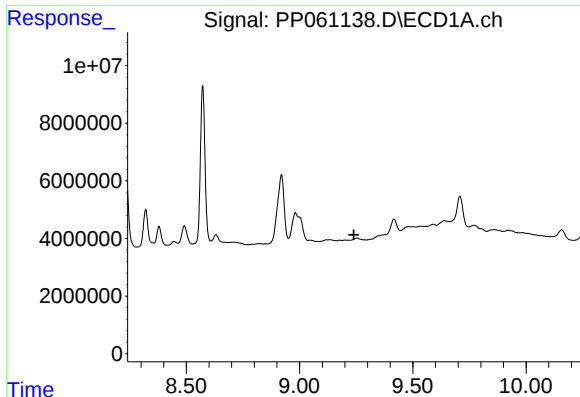
#42 AR-1268-2

R.T.: 8.982 min
Delta R.T.: -0.013 min
Response: 28135485
Conc: 120.00 ng/ml



#42 AR-1268-2

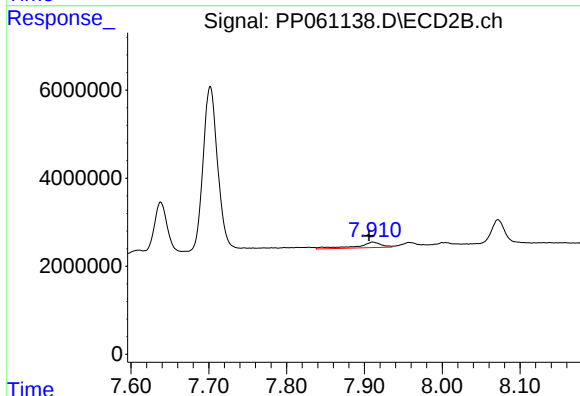
R.T.: 7.702 min
Delta R.T.: 0.004 min
Response: 49465906
Conc: 230.55 ng/ml



#43 AR-1268-3

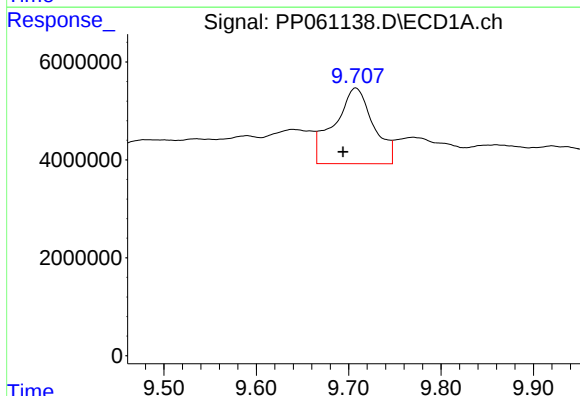
R.T.: 0.000 min
Exp R.T.: 9.239 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



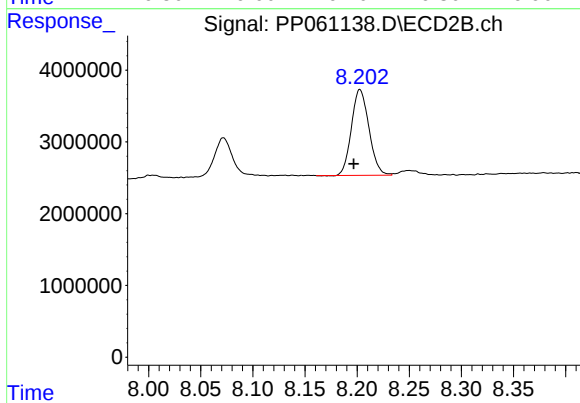
#43 AR-1268-3

R.T.: 7.911 min
Delta R.T.: 0.005 min
Response: 2791087
Conc: 14.73 ng/ml



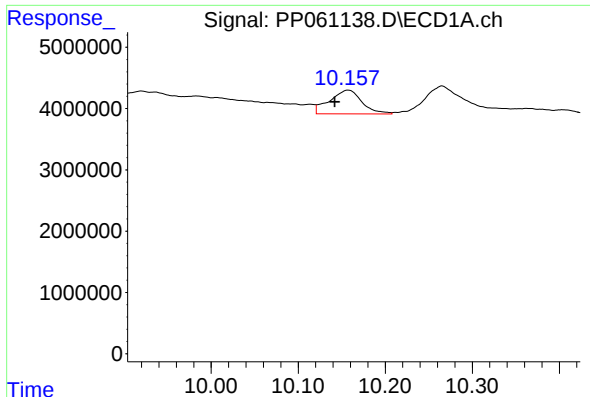
#44 AR-1268-4

R.T.: 9.708 min
Delta R.T.: 0.014 min
Response: 45505586
Conc: 564.97 ng/ml



#44 AR-1268-4

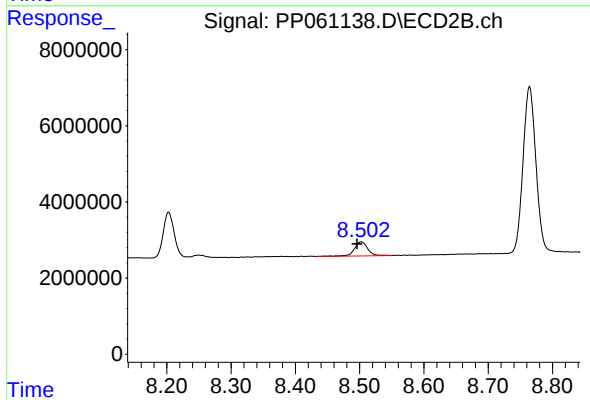
R.T.: 8.203 min
Delta R.T.: 0.006 min
Response: 14014077
Conc: 182.88 ng/ml



#45 AR-1268-5

R.T.: 10.158 min
Delta R.T.: 0.015 min
Response: 10042753
Conc: 15.74 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.502 min
Delta R.T.: 0.007 min
Response: 5429960
Conc: 9.83 ng/ml