

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060887.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 04:14
 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 11 05:15:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 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...	4.534	3.685	121.4E6	80764343	54.218	54.259
2)	SA Decachlor...	10.472	8.751	85603381	75169676	48.486	46.083
Target Compounds							
3)	L1 AR-1016-1	5.723	4.783	39081985	28770866	530.971	495.113
4)	L1 AR-1016-2	5.746	4.802	54963694	39912830	524.798	495.778
5)	L1 AR-1016-3	5.810	4.980	34249346	22643229	524.040	506.644
6)	L1 AR-1016-4	5.909	5.023	28543512	17176305	524.895	477.336
7)	L1 AR-1016-5	6.209	5.238	28800320	24465923	517.780	503.518
8)	L2 AR-1221-1	4.742	3.900	5009844	3851388	173.429	184.364
9)	L2 AR-1221-2	4.833	3.988	7128136	4836499	333.636	324.360
10)	L2 AR-1221-3	4.911	4.065	23275225	16088971	383.264	366.260
11)	L3 AR-1232-1	4.911f	4.065	23275225	16088971	462.378	442.132
12)	L3 AR-1232-2	5.451	4.802	31504163	39912830	1150.510	1094.451
13)	L3 AR-1232-3	5.746	4.980	54963694	22643229	1184.123	1131.298
14)	L3 AR-1232-4	5.909	5.064	28543512	21905440	1161.268	1173.658
15)	L3 AR-1232-5	6.001	5.238	25340931	24465923	1222.920	1176.282
16)	L4 AR-1242-1	5.723	4.783	39081985	28770866	611.543	568.289
17)	L4 AR-1242-2	5.746	4.802	54963694	39912830	607.023	574.745
18)	L4 AR-1242-3	5.810	4.980	34249346	22643229	608.330	587.972
19)	L4 AR-1242-4	5.909	5.064	28543512	21905440	611.132	556.217
20)	L4 AR-1242-5	6.657	5.593	9744728	23323679	193.748	476.799 #
21)	L5 AR-1248-1	5.723	4.783	39081985	28770866	840.031	788.380
22)	L5 AR-1248-2	6.001	5.023	25340931	17176305	365.484	328.595
23)	L5 AR-1248-3	6.209	5.064	28800320	21905440	379.203	394.520
24)	L5 AR-1248-4	6.616	5.238	10151309	24465923	122.740	371.669 #
25)	L5 AR-1248-5	6.657	5.633	9744728	6361921	121.078	98.907
26)	L6 AR-1254-1	6.590	5.593	25878498	23323679	303.239	235.786
27)	L6 AR-1254-2	6.811	5.741	22341137	16716937	175.051	194.512
28)	L6 AR-1254-3	7.182	6.164	10495005	31330040	78.960	218.592 #
29)	L6 AR-1254-4	7.471	6.378	7470004	2273485	75.962	26.083 #
30)	L6 AR-1254-5	7.893	6.798	68882026	58186240	635.776	459.171 #
31)	L7 AR-1260-1	7.348	6.280	52095288	45362361	496.975	451.928
32)	L7 AR-1260-2	7.607	6.468	59652436	53562548	493.378	448.956
33)	L7 AR-1260-3	7.971	6.623	46806549	51568595	504.978	450.403
34)	L7 AR-1260-4	8.203	7.099	53406673	42285115	503.595	444.257
35)	L7 AR-1260-5	8.537	7.341	97762476	96333458	505.178	444.519
36)	L8 AR-1262-1	7.971	6.891	46806549	22600776	375.247	422.070
37)	L8 AR-1262-2	8.537	7.099	97762476	42285115	466.684	358.500
38)	L8 AR-1262-3	8.881f	7.628	65043468	21194227	429.791	229.850 #
39)	L8 AR-1262-4	8.943	7.690	24623530	66412827	205.751	394.230 #
40)	L8 AR-1262-5	9.660	8.191	25321148	22879759	316.261	295.320
41)	L9 AR-1268-1	8.881f	7.628	65043468	21194227	245.169	77.971 #

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 ALS Vial : 3 Sample Multiplier: 1

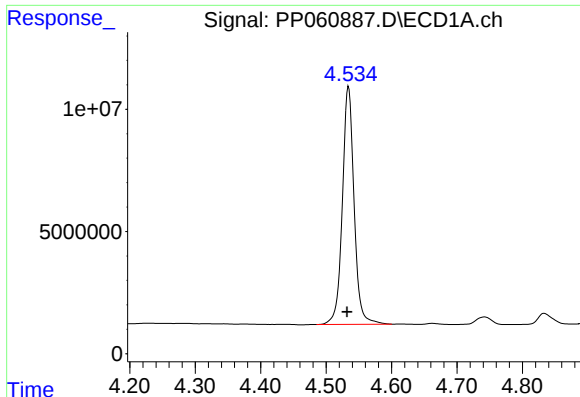
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:15:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.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	8.963	7.690	17633788	66412827	72.348	272.324 #
43) L9	AR-1268-3	9.208	7.901	1480509	1169124	7.079	5.466
44) L9	AR-1268-4	9.660	8.191	25321148	22879759	274.090	260.773
45) L9	AR-1268-5	10.105f	8.489	7784683	6428332	12.296	10.285

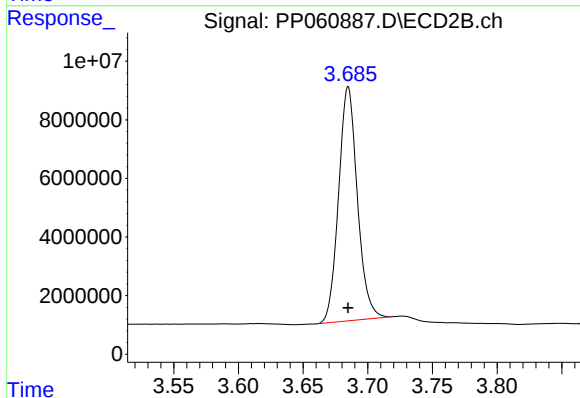
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

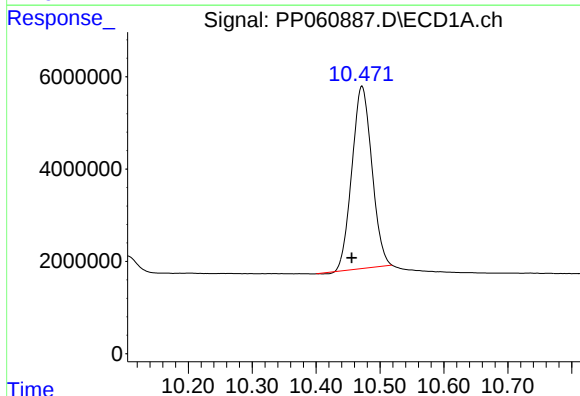
R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 121422022
Conc: 54.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



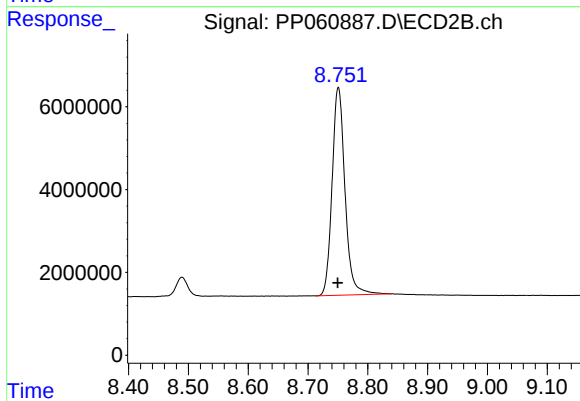
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 80764343
Conc: 54.26 ng/ml



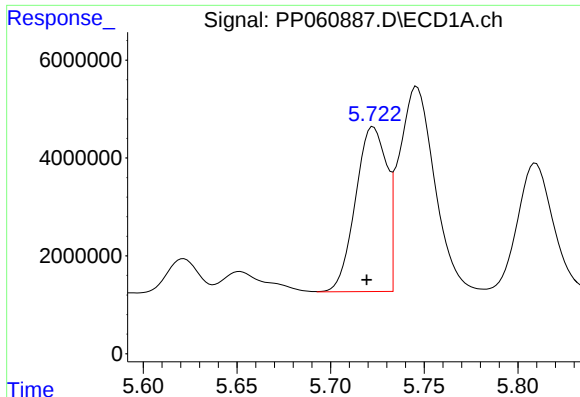
#2 Decachlorobiphenyl

R.T.: 10.472 min
Delta R.T.: 0.016 min
Response: 85603381
Conc: 48.49 ng/ml



#2 Decachlorobiphenyl

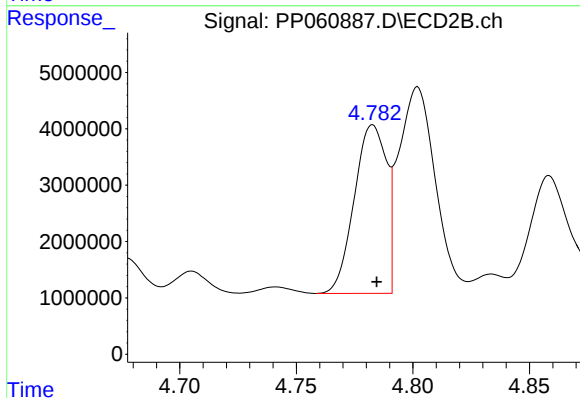
R.T.: 8.751 min
Delta R.T.: 0.000 min
Response: 75169676
Conc: 46.08 ng/ml



#3 AR-1016-1

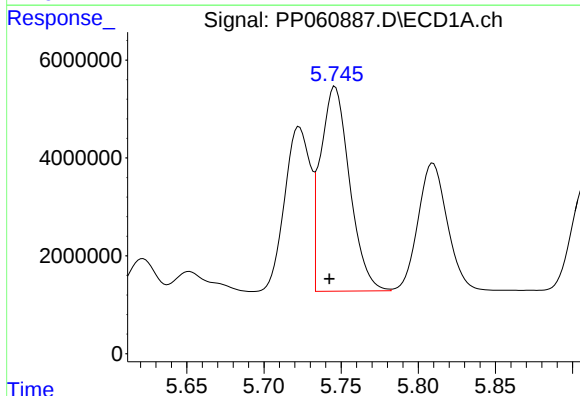
R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 39081985
Conc: 530.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



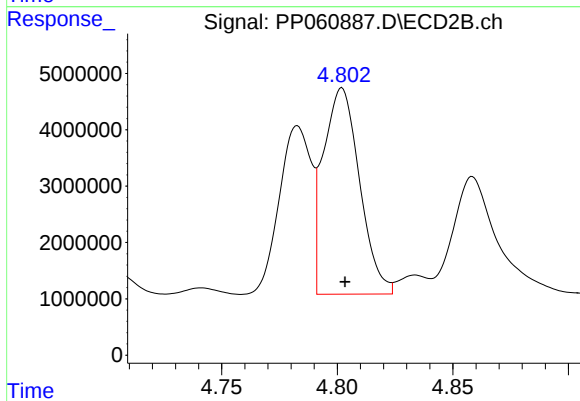
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 28770866
Conc: 495.11 ng/ml



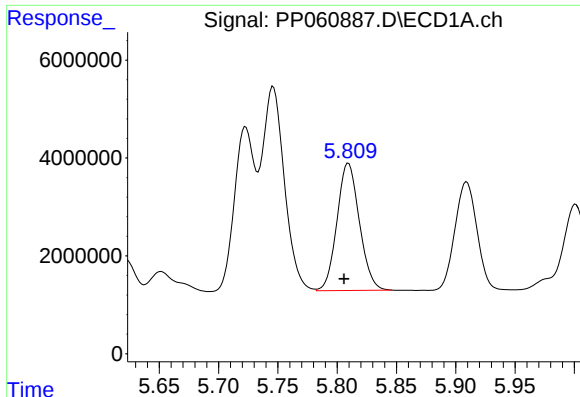
#4 AR-1016-2

R.T.: 5.746 min
Delta R.T.: 0.004 min
Response: 54963694
Conc: 524.80 ng/ml



#4 AR-1016-2

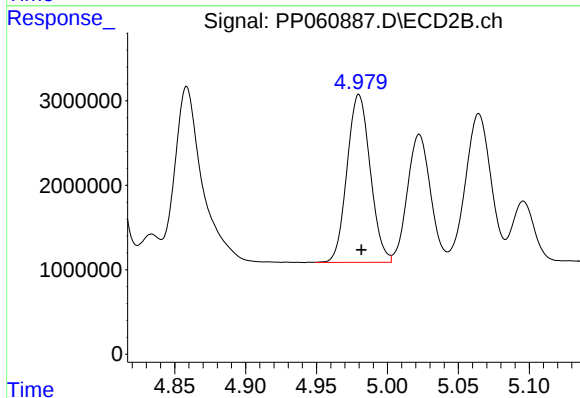
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 39912830
Conc: 495.78 ng/ml



#5 AR-1016-3

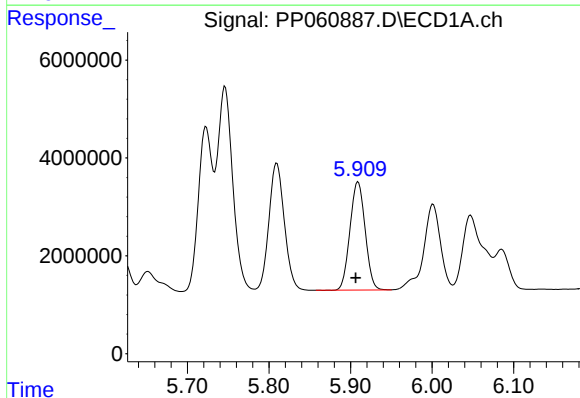
R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 34249346
Conc: 524.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



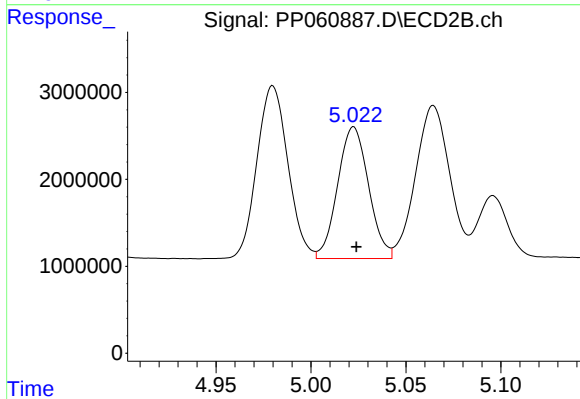
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 22643229
Conc: 506.64 ng/ml



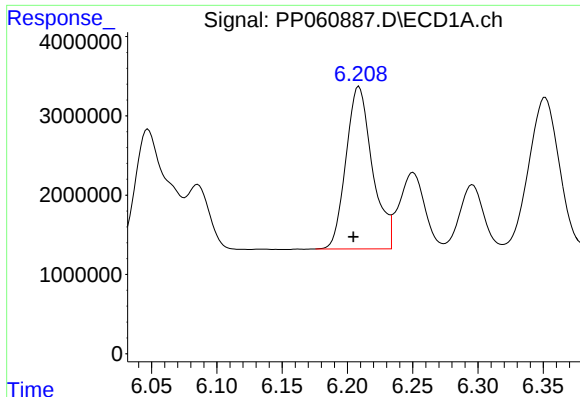
#6 AR-1016-4

R.T.: 5.909 min
Delta R.T.: 0.003 min
Response: 28543512
Conc: 524.90 ng/ml



#6 AR-1016-4

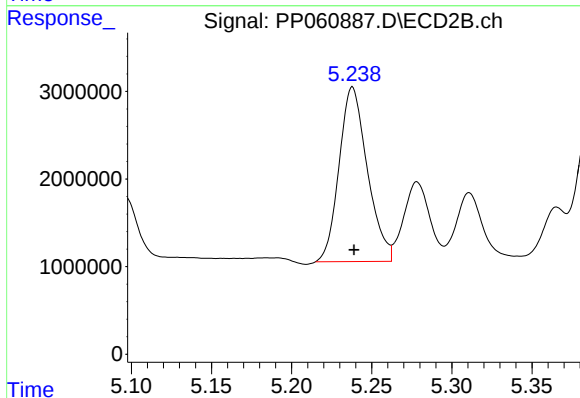
R.T.: 5.023 min
Delta R.T.: -0.001 min
Response: 17176305
Conc: 477.34 ng/ml



#7 AR-1016-5

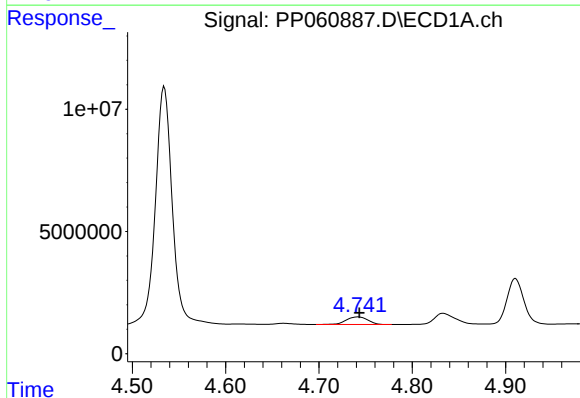
R.T.: 6.209 min
Delta R.T.: 0.004 min
Response: 28800320
Conc: 517.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



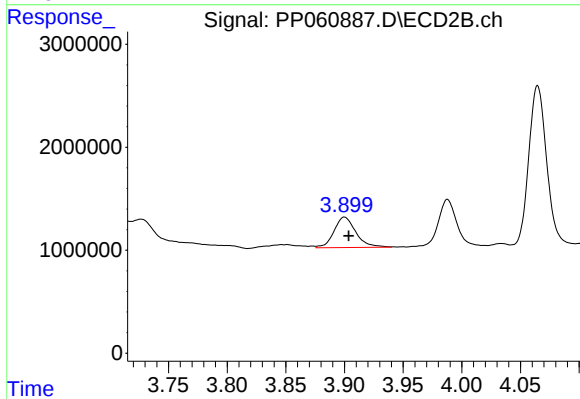
#7 AR-1016-5

R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 24465923
Conc: 503.52 ng/ml



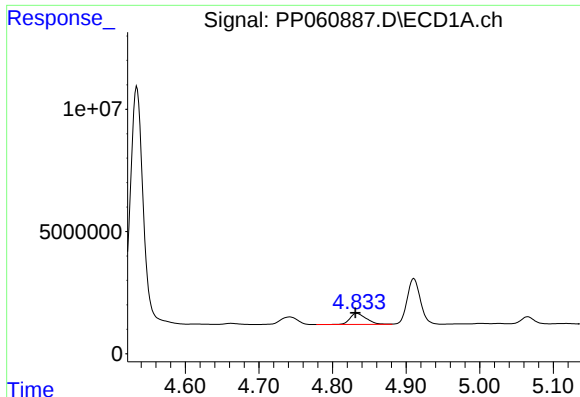
#8 AR-1221-1

R.T.: 4.742 min
Delta R.T.: -0.002 min
Response: 5009844
Conc: 173.43 ng/ml



#8 AR-1221-1

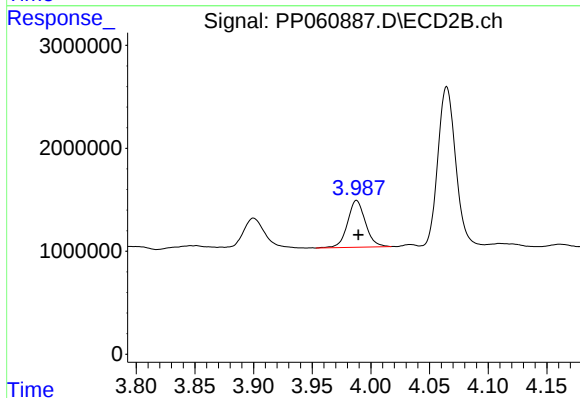
R.T.: 3.900 min
Delta R.T.: -0.004 min
Response: 3851388
Conc: 184.36 ng/ml



#9 AR-1221-2

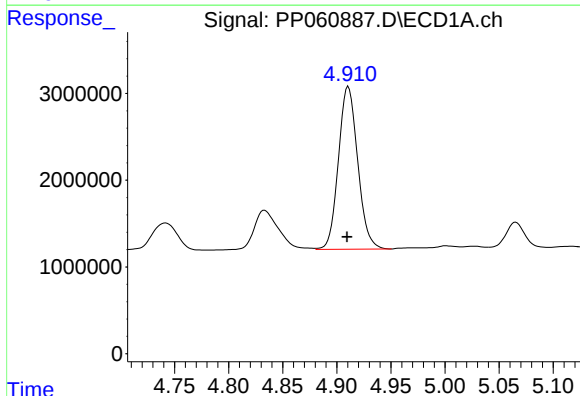
R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 7128136
Conc: 333.64 ng/ml

Instrument :
ECD_P
ClientSampleId :



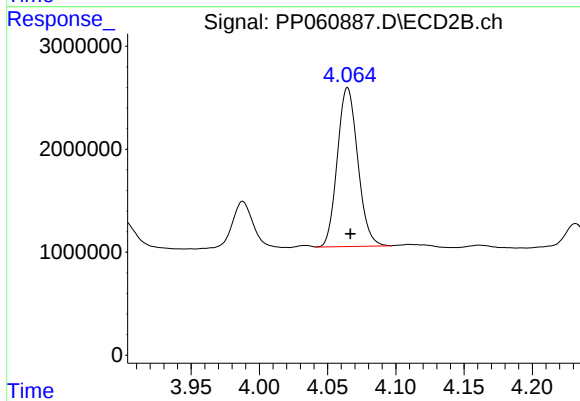
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.001 min
Response: 4836499
Conc: 324.36 ng/ml



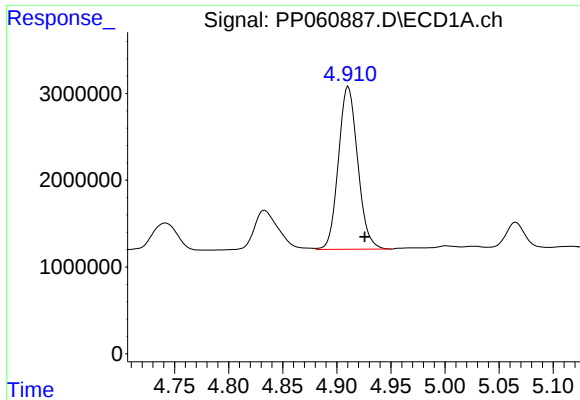
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: 0.001 min
Response: 23275225
Conc: 383.26 ng/ml



#10 AR-1221-3

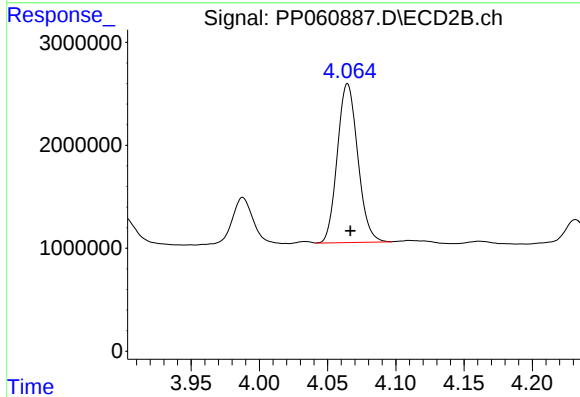
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 16088971
Conc: 366.26 ng/ml



#11 AR-1232-1

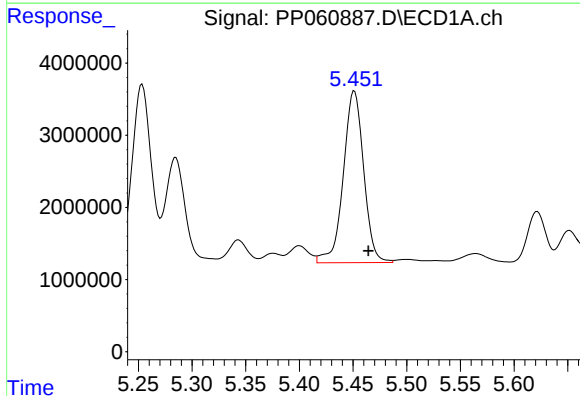
R.T.: 4.911 min
Delta R.T.: -0.015 min
Response: 23275225
Conc: 462.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



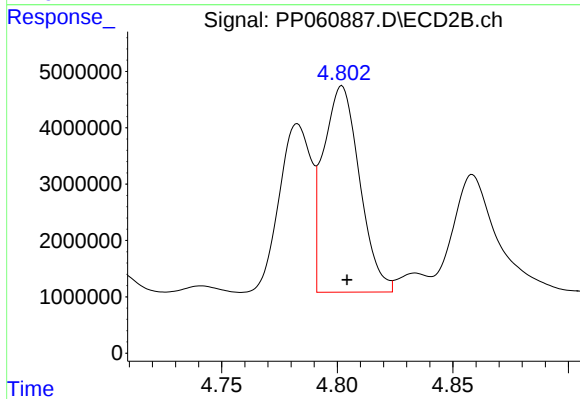
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 16088971
Conc: 442.13 ng/ml



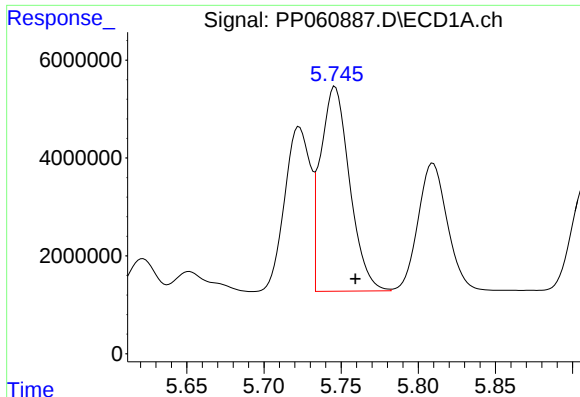
#12 AR-1232-2

R.T.: 5.451 min
Delta R.T.: -0.013 min
Response: 31504163
Conc: 1150.51 ng/ml



#12 AR-1232-2

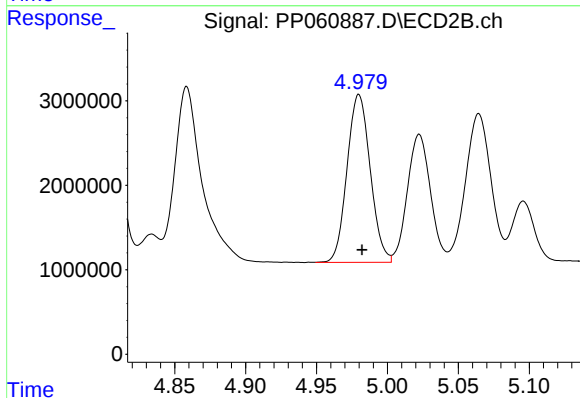
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 39912830
Conc: 1094.45 ng/ml



#13 AR-1232-3

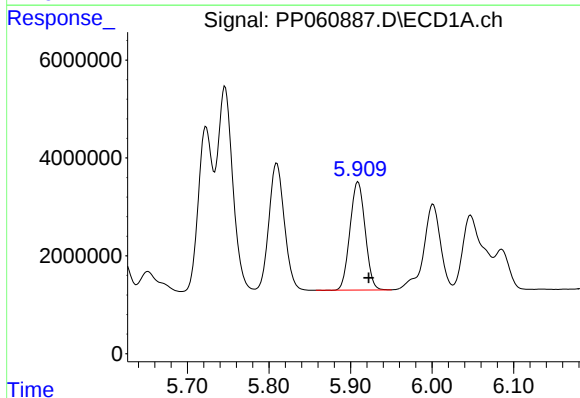
R.T.: 5.746 min
Delta R.T.: -0.013 min
Response: 54963694
Conc: 1184.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



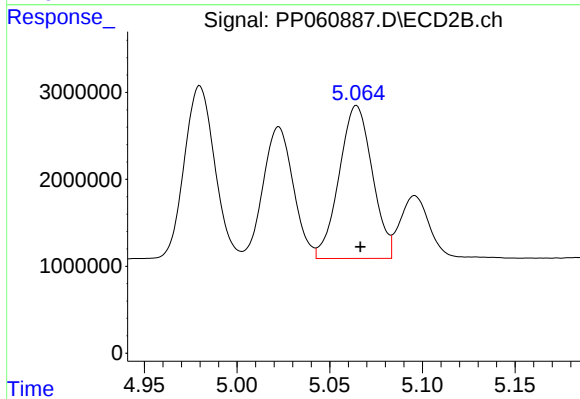
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 22643229
Conc: 1131.30 ng/ml



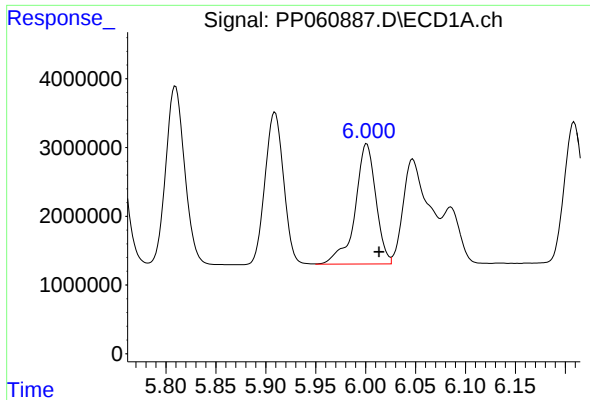
#14 AR-1232-4

R.T.: 5.909 min
Delta R.T.: -0.013 min
Response: 28543512
Conc: 1161.27 ng/ml



#14 AR-1232-4

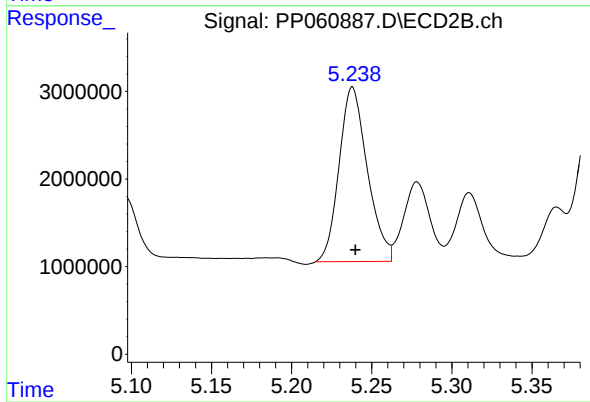
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 21905440
Conc: 1173.66 ng/ml



#15 AR-1232-5

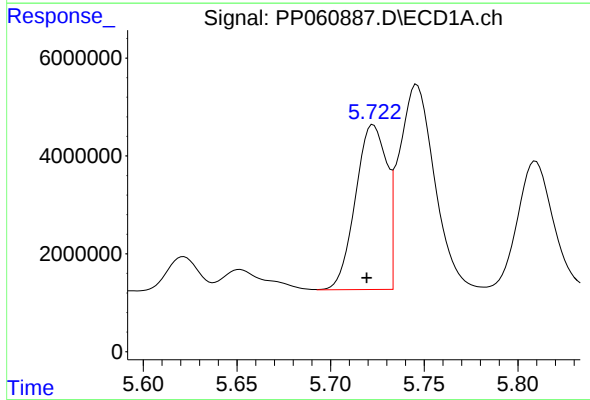
R.T.: 6.001 min
Delta R.T.: -0.012 min
Response: 25340931
Conc: 1222.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



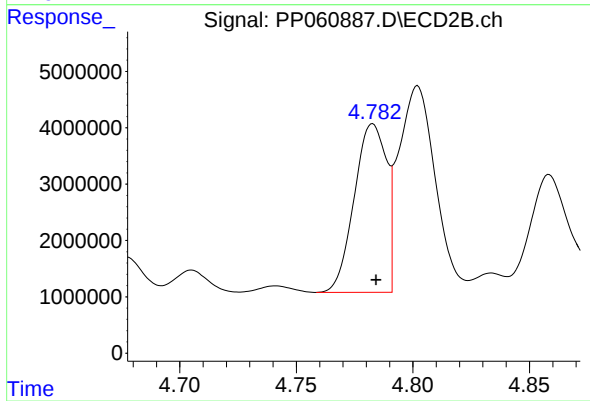
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 24465923
Conc: 1176.28 ng/ml



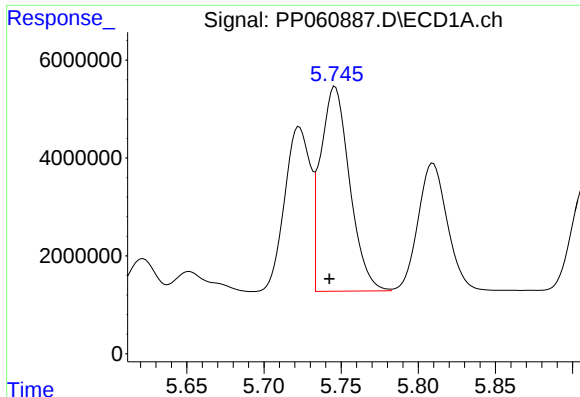
#16 AR-1242-1

R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 39081985
Conc: 611.54 ng/ml



#16 AR-1242-1

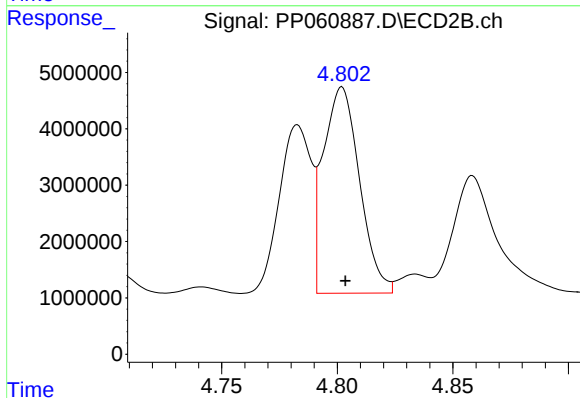
R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 28770866
Conc: 568.29 ng/ml



#17 AR-1242-2

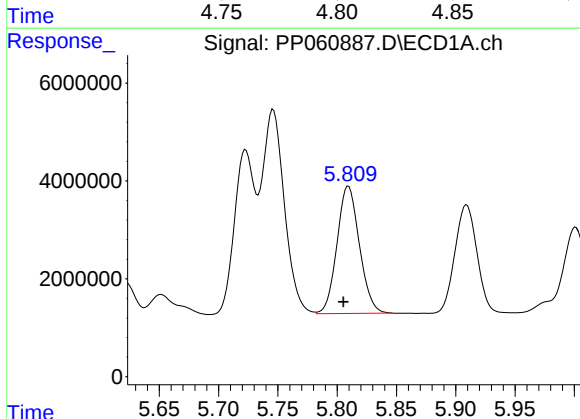
R.T.: 5.746 min
Delta R.T.: 0.004 min
Response: 54963694
Conc: 607.02 ng/ml

Instrument :
ECD_P
ClientSampleId :



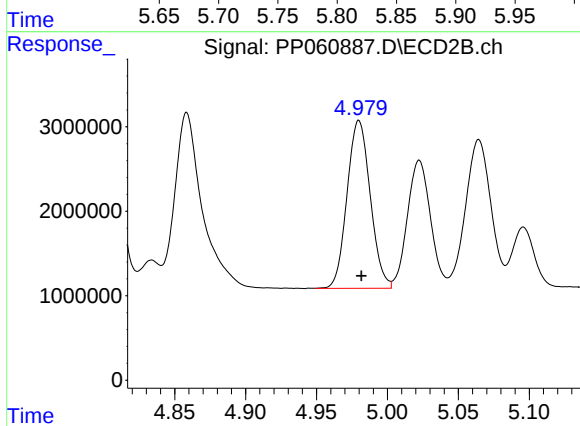
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 39912830
Conc: 574.74 ng/ml



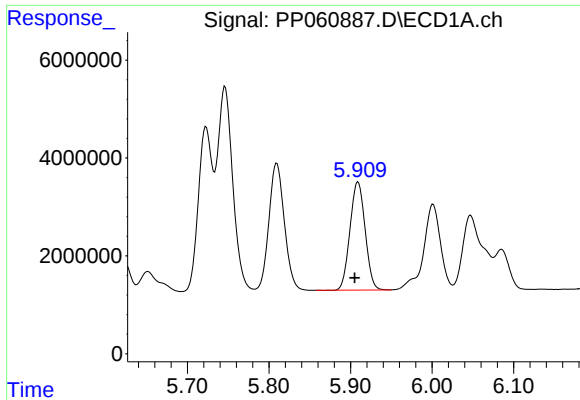
#18 AR-1242-3

R.T.: 5.810 min
Delta R.T.: 0.004 min
Response: 34249346
Conc: 608.33 ng/ml



#18 AR-1242-3

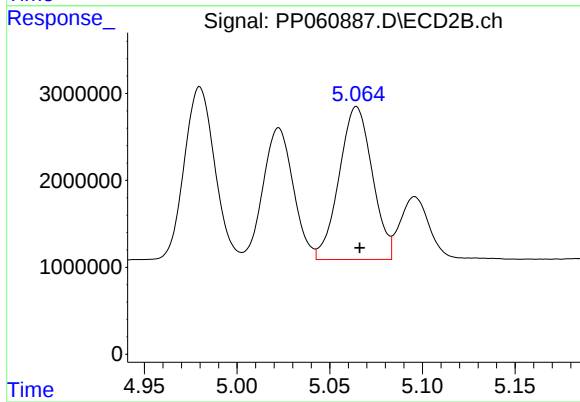
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 22643229
Conc: 587.97 ng/ml



#19 AR-1242-4

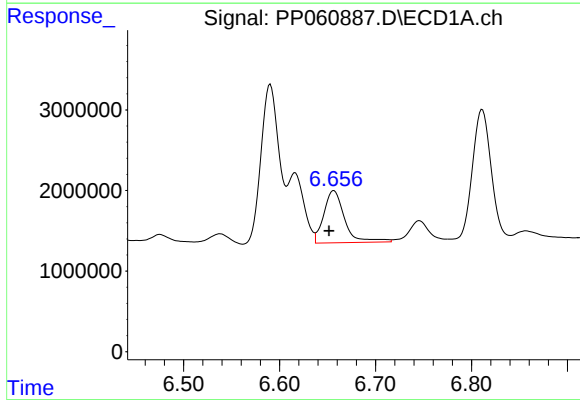
R.T.: 5.909 min
Delta R.T.: 0.004 min
Response: 28543512
Conc: 611.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



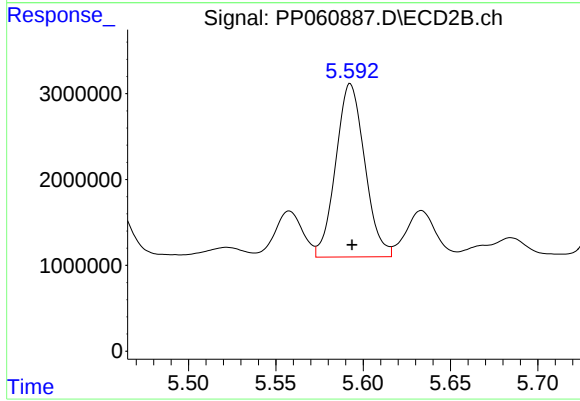
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 21905440
Conc: 556.22 ng/ml



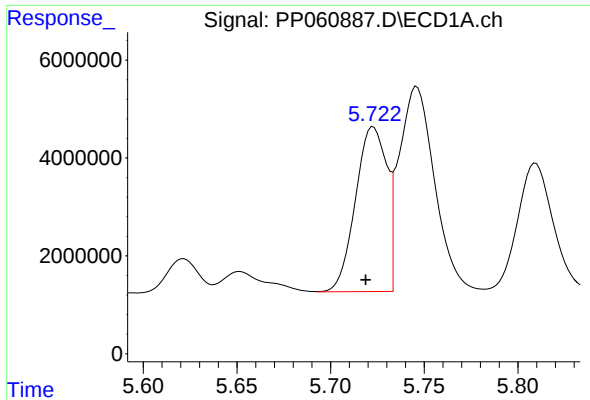
#20 AR-1242-5

R.T.: 6.657 min
Delta R.T.: 0.005 min
Response: 9744728
Conc: 193.75 ng/ml



#20 AR-1242-5

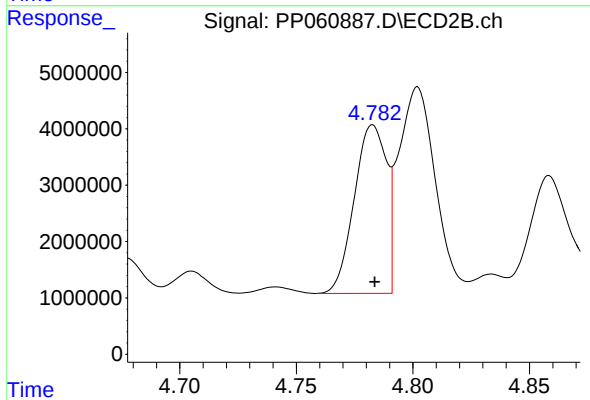
R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 23323679
Conc: 476.80 ng/ml



#21 AR-1248-1

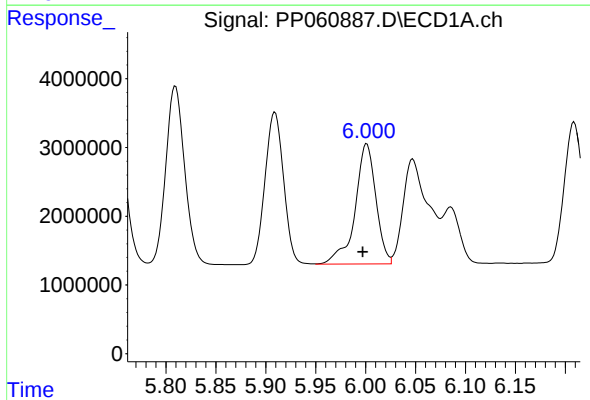
R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 39081985
Conc: 840.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



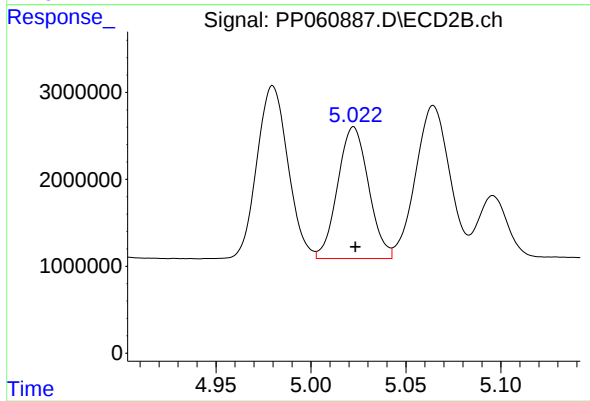
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: 0.000 min
Response: 28770866
Conc: 788.38 ng/ml



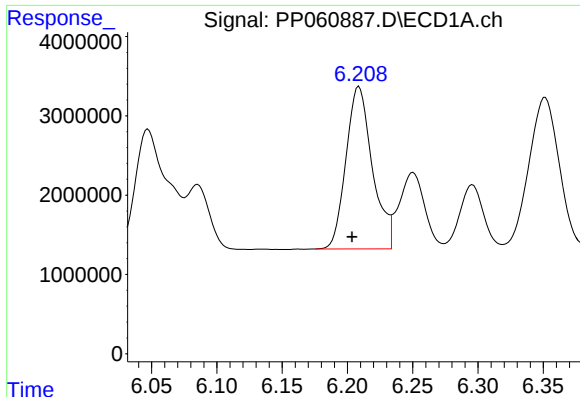
#22 AR-1248-2

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 25340931
Conc: 365.48 ng/ml



#22 AR-1248-2

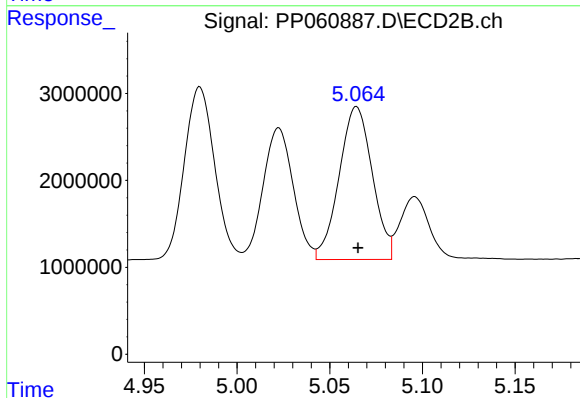
R.T.: 5.023 min
Delta R.T.: 0.000 min
Response: 17176305
Conc: 328.60 ng/ml



#23 AR-1248-3

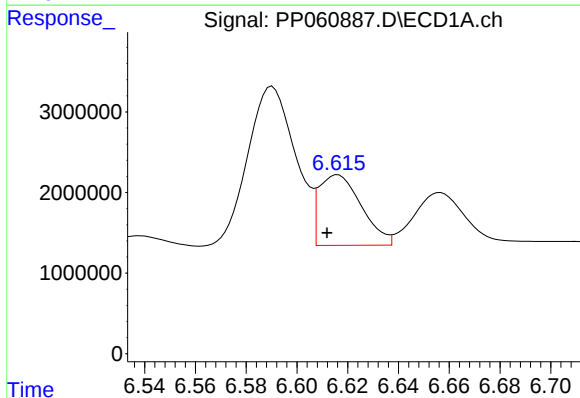
R.T.: 6.209 min
Delta R.T.: 0.005 min
Response: 28800320
Conc: 379.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



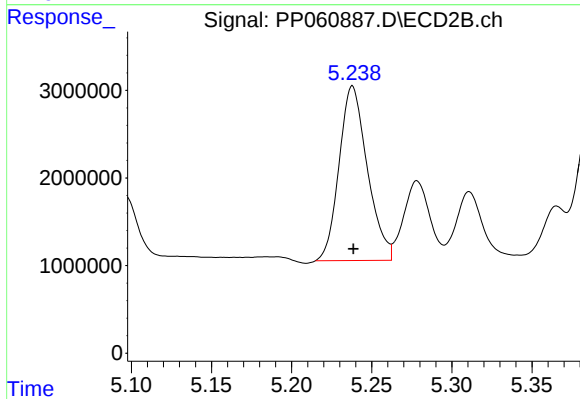
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: 0.000 min
Response: 21905440
Conc: 394.52 ng/ml



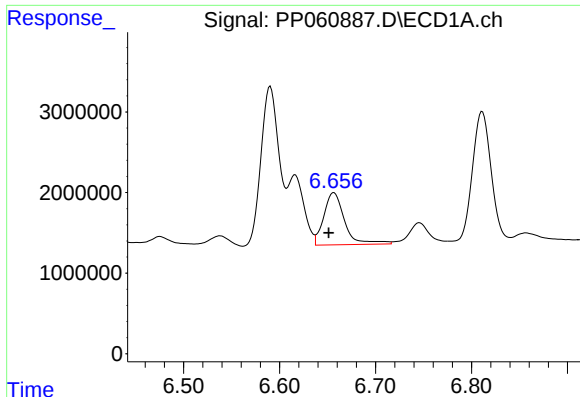
#24 AR-1248-4

R.T.: 6.616 min
Delta R.T.: 0.004 min
Response: 10151309
Conc: 122.74 ng/ml



#24 AR-1248-4

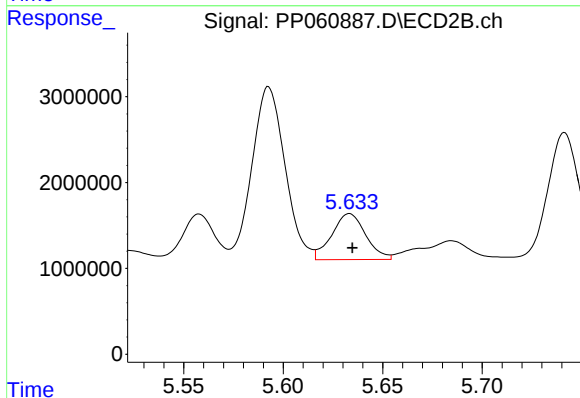
R.T.: 5.238 min
Delta R.T.: 0.000 min
Response: 24465923
Conc: 371.67 ng/ml



#25 AR-1248-5

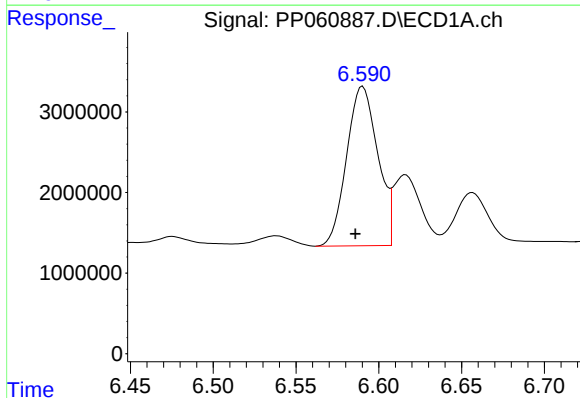
R.T.: 6.657 min
Delta R.T.: 0.005 min
Response: 9744728
Conc: 121.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



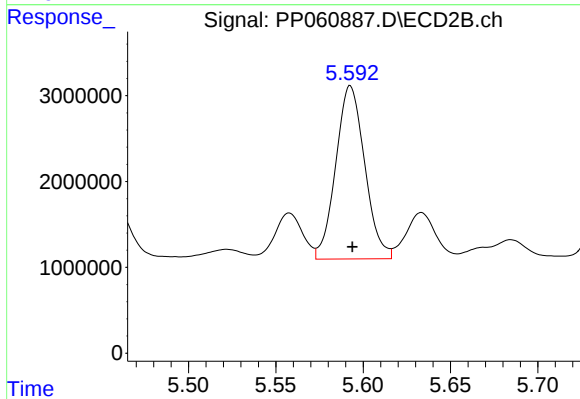
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 6361921
Conc: 98.91 ng/ml



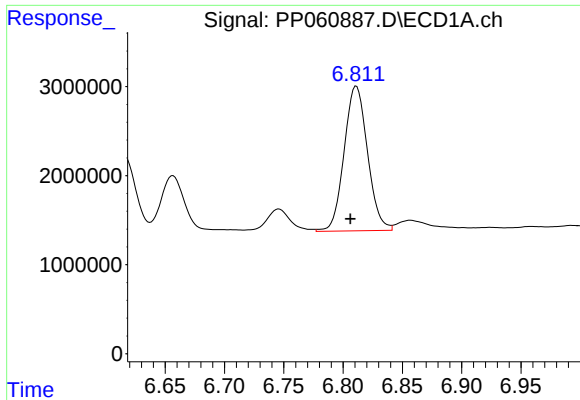
#26 AR-1254-1

R.T.: 6.590 min
Delta R.T.: 0.004 min
Response: 25878498
Conc: 303.24 ng/ml



#26 AR-1254-1

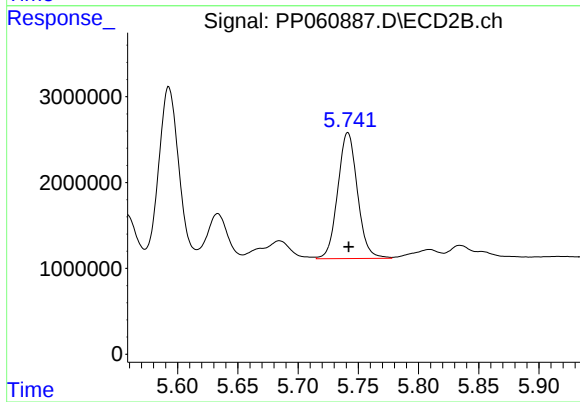
R.T.: 5.593 min
Delta R.T.: -0.001 min
Response: 23323679
Conc: 235.79 ng/ml



#27 AR-1254-2

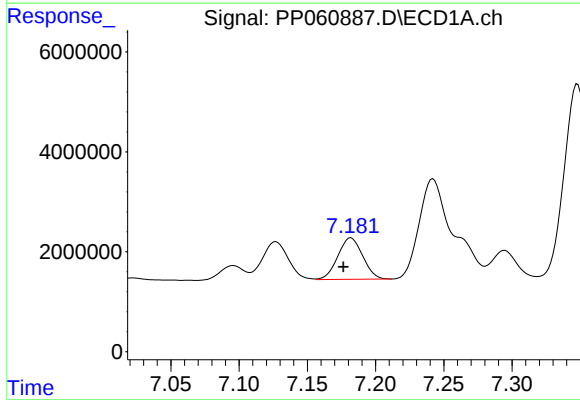
R.T.: 6.811 min
Delta R.T.: 0.005 min
Response: 22341137
Conc: 175.05 ng/ml

Instrument :
ECD_P
ClientSampleId :



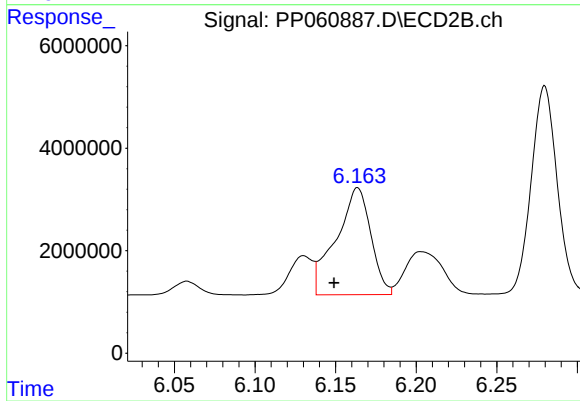
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 16716937
Conc: 194.51 ng/ml



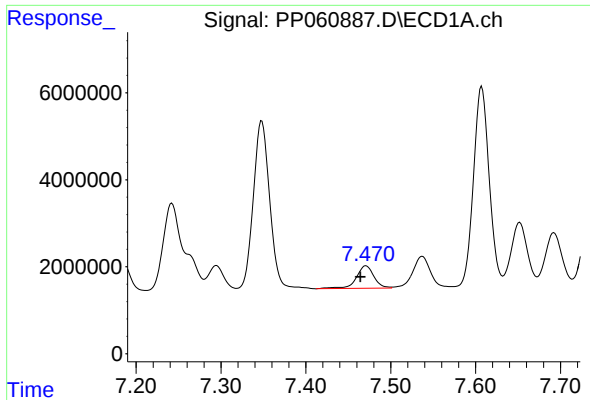
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 10495005
Conc: 78.96 ng/ml



#28 AR-1254-3

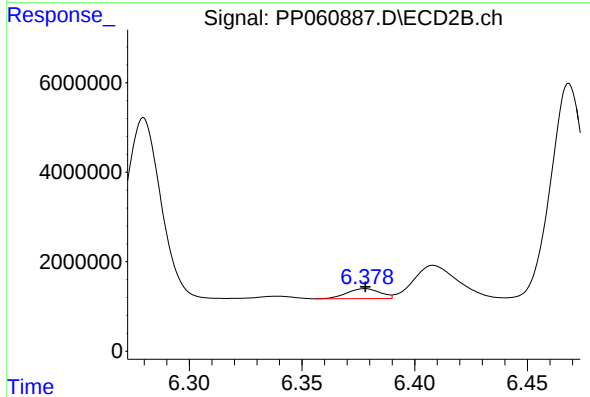
R.T.: 6.164 min
Delta R.T.: 0.015 min
Response: 31330040
Conc: 218.59 ng/ml



#29 AR-1254-4

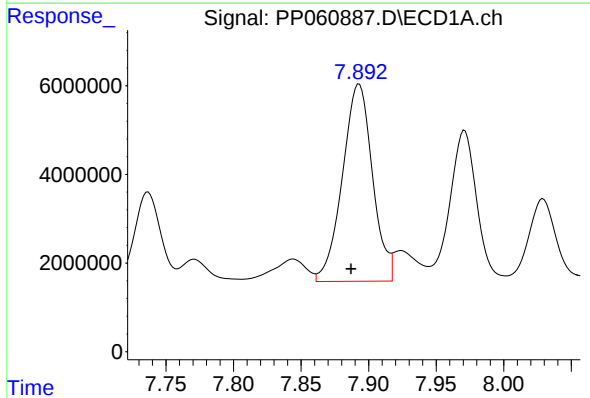
R.T.: 7.471 min
Delta R.T.: 0.007 min
Response: 7470004
Conc: 75.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



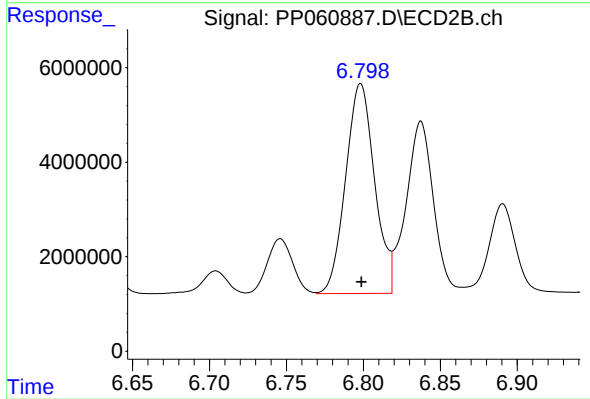
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 2273485
Conc: 26.08 ng/ml



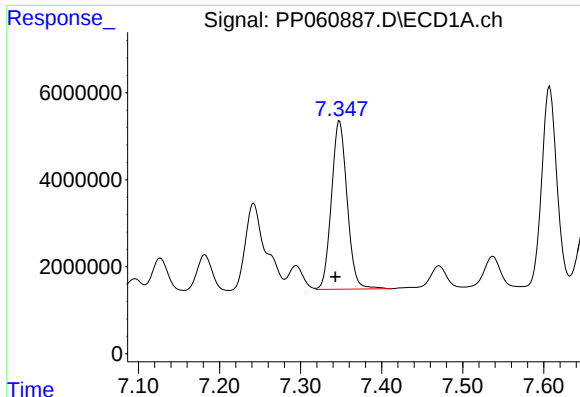
#30 AR-1254-5

R.T.: 7.893 min
Delta R.T.: 0.006 min
Response: 68882026
Conc: 635.78 ng/ml



#30 AR-1254-5

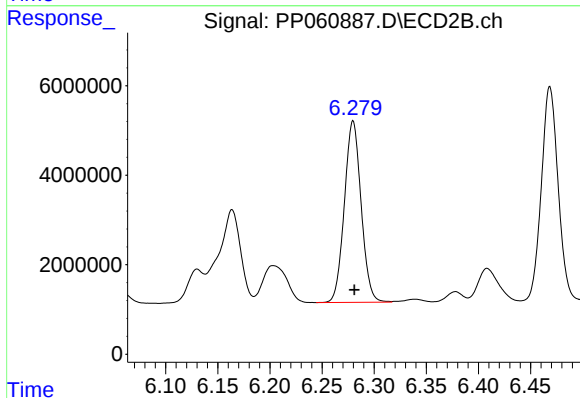
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 58186240
Conc: 459.17 ng/ml



#31 AR-1260-1

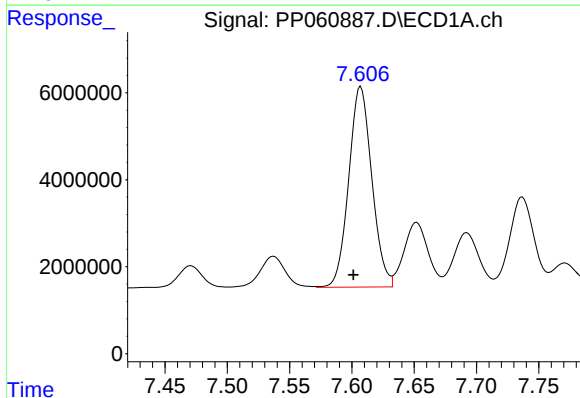
R.T.: 7.348 min
Delta R.T.: 0.005 min
Response: 52095288
Conc: 496.97 ng/ml

Instrument :
ECD_P
ClientSampleId :



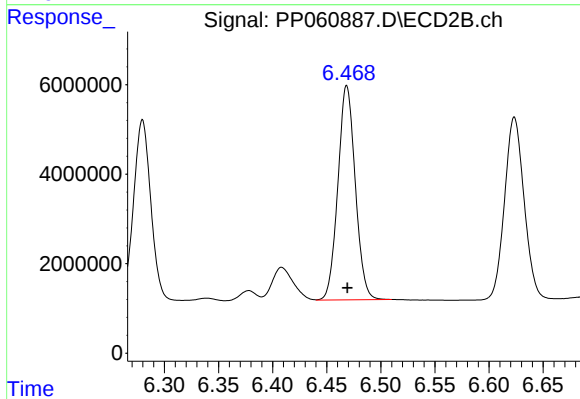
#31 AR-1260-1

R.T.: 6.280 min
Delta R.T.: -0.001 min
Response: 45362361
Conc: 451.93 ng/ml



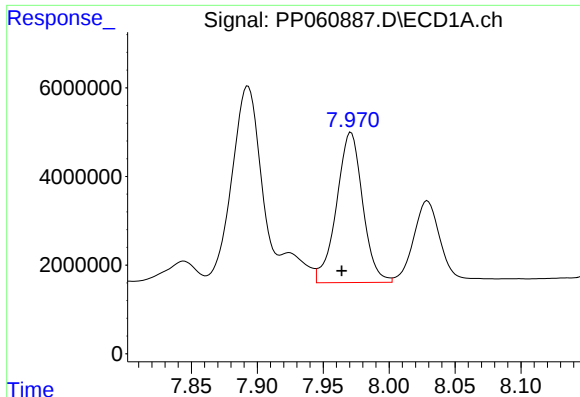
#32 AR-1260-2

R.T.: 7.607 min
Delta R.T.: 0.006 min
Response: 59652436
Conc: 493.38 ng/ml



#32 AR-1260-2

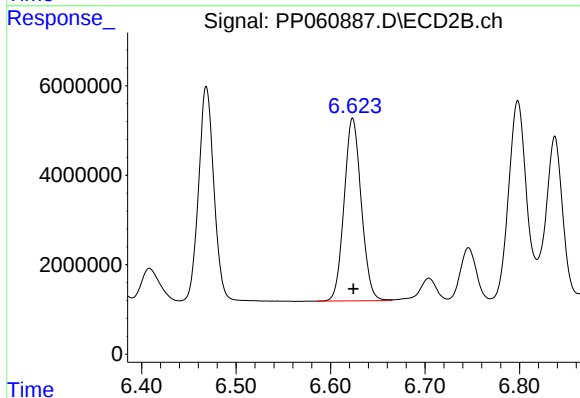
R.T.: 6.468 min
Delta R.T.: 0.000 min
Response: 53562548
Conc: 448.96 ng/ml



#33 AR-1260-3

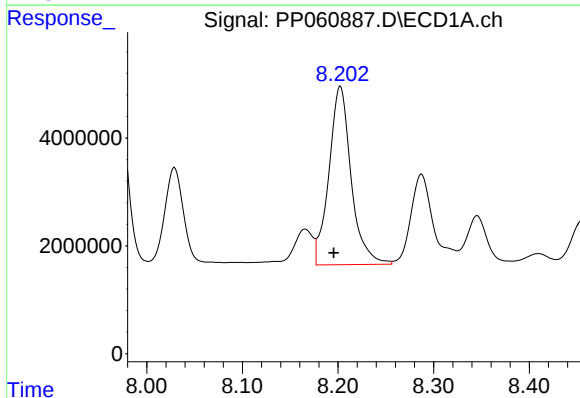
R.T.: 7.971 min
Delta R.T.: 0.007 min
Response: 46806549
Conc: 504.98 ng/ml

Instrument :
ECD_P
ClientSampleId :



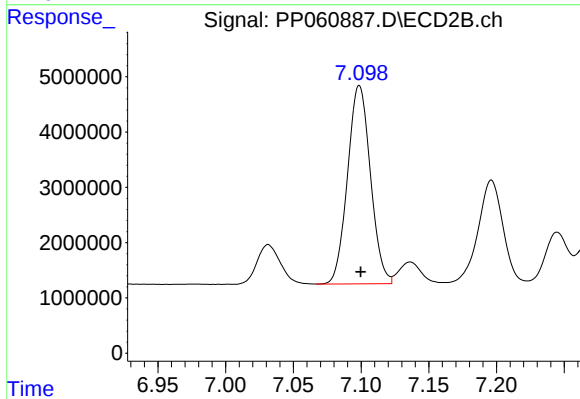
#33 AR-1260-3

R.T.: 6.623 min
Delta R.T.: 0.000 min
Response: 51568595
Conc: 450.40 ng/ml



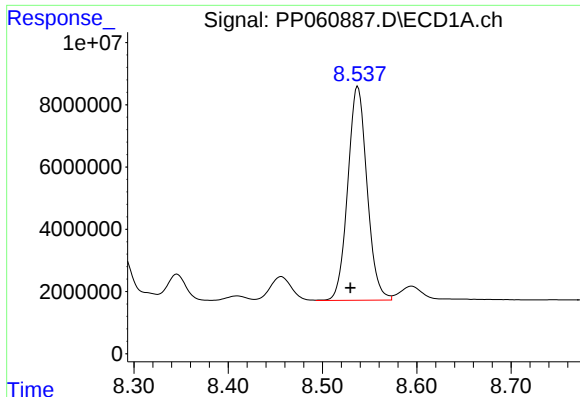
#34 AR-1260-4

R.T.: 8.203 min
Delta R.T.: 0.007 min
Response: 53406673
Conc: 503.60 ng/ml



#34 AR-1260-4

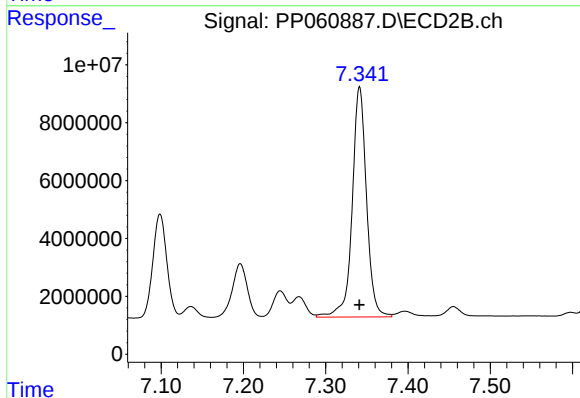
R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 42285115
Conc: 444.26 ng/ml



#35 AR-1260-5

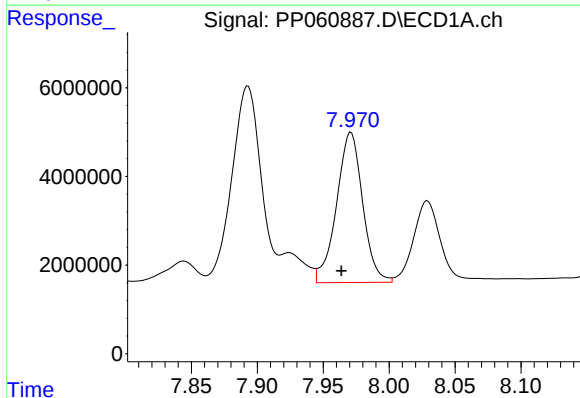
R.T.: 8.537 min
Delta R.T.: 0.008 min
Response: 97762476
Conc: 505.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



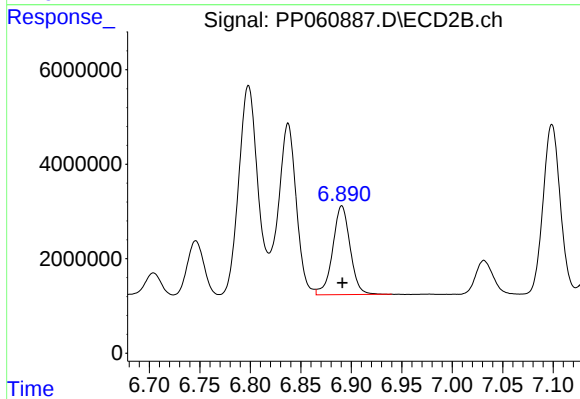
#35 AR-1260-5

R.T.: 7.341 min
Delta R.T.: 0.000 min
Response: 96333458
Conc: 444.52 ng/ml



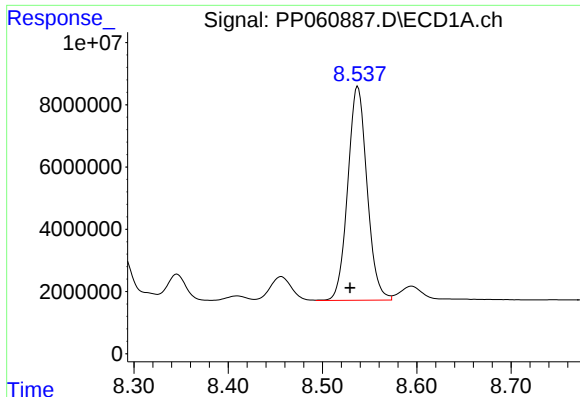
#36 AR-1262-1

R.T.: 7.971 min
Delta R.T.: 0.007 min
Response: 46806549
Conc: 375.25 ng/ml



#36 AR-1262-1

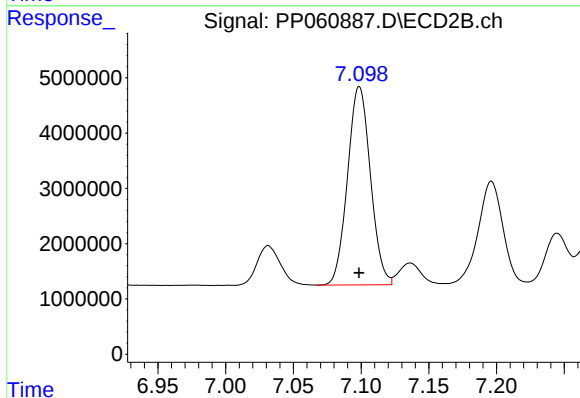
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 22600776
Conc: 422.07 ng/ml



#37 AR-1262-2

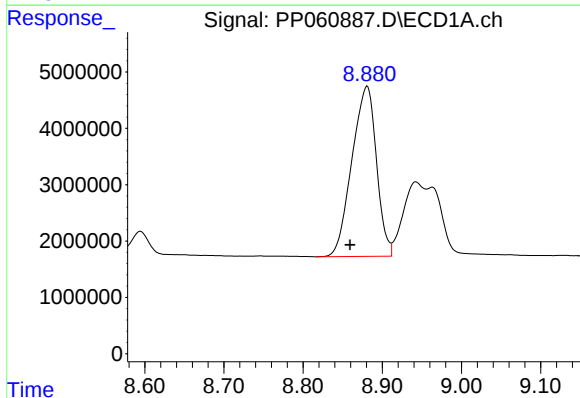
R.T.: 8.537 min
Delta R.T.: 0.008 min
Response: 97762476
Conc: 466.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



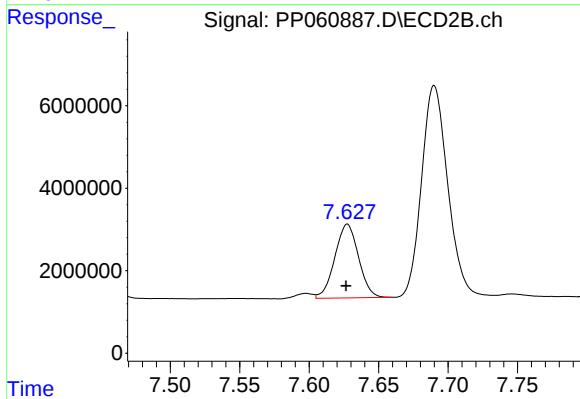
#37 AR-1262-2

R.T.: 7.099 min
Delta R.T.: 0.000 min
Response: 42285115
Conc: 358.50 ng/ml



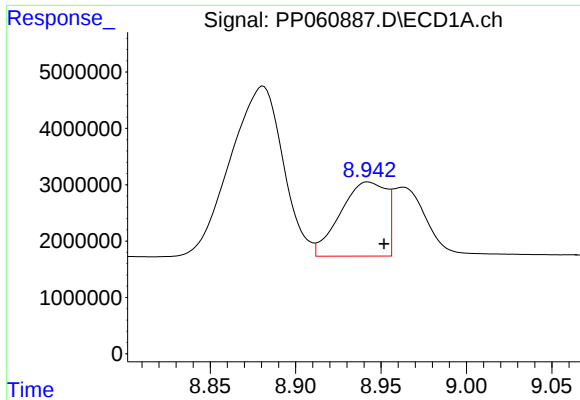
#38 AR-1262-3

R.T.: 8.881 min
Delta R.T.: 0.022 min
Response: 65043468
Conc: 429.79 ng/ml



#38 AR-1262-3

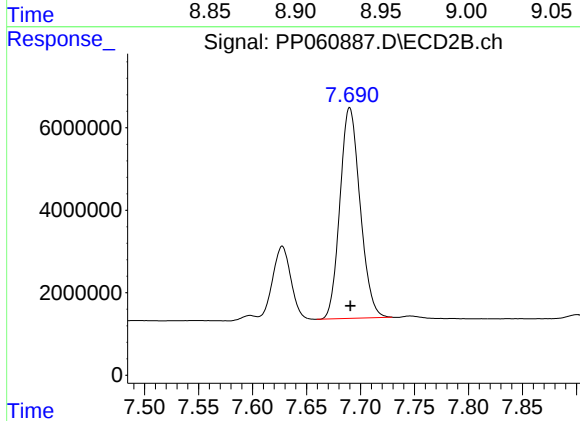
R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 21194227
Conc: 229.85 ng/ml



#39 AR-1262-4

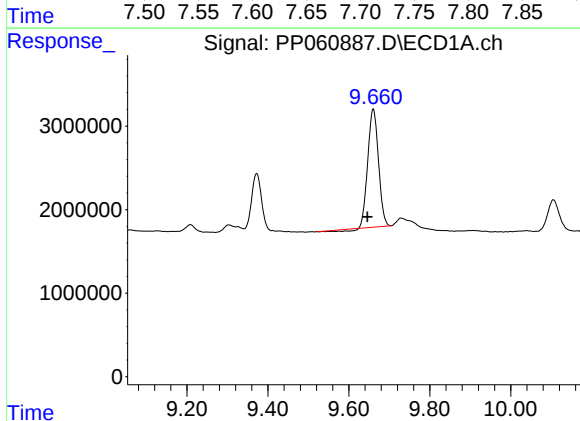
R.T.: 8.943 min
Delta R.T.: -0.009 min
Response: 24623530
Conc: 205.75 ng/ml

Instrument :
ECD_P
ClientSampleId :



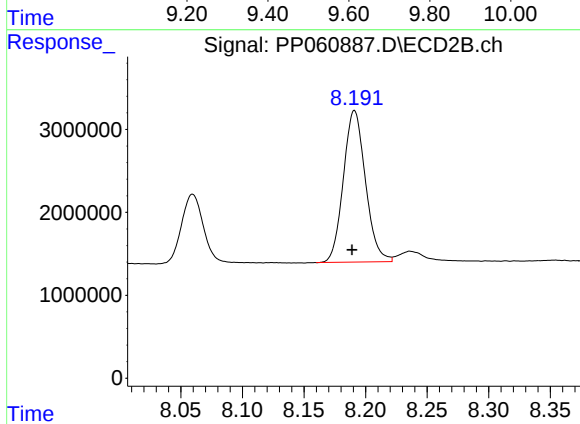
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 66412827
Conc: 394.23 ng/ml



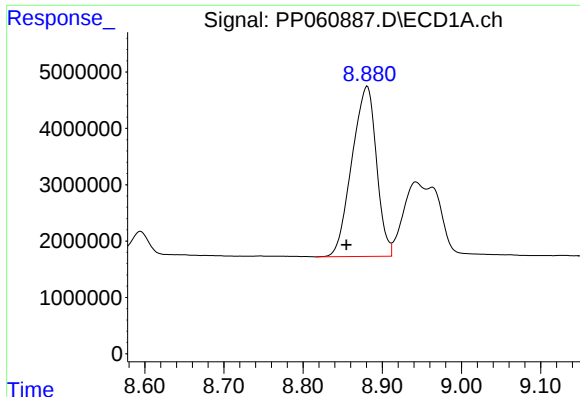
#40 AR-1262-5

R.T.: 9.660 min
Delta R.T.: 0.015 min
Response: 25321148
Conc: 316.26 ng/ml



#40 AR-1262-5

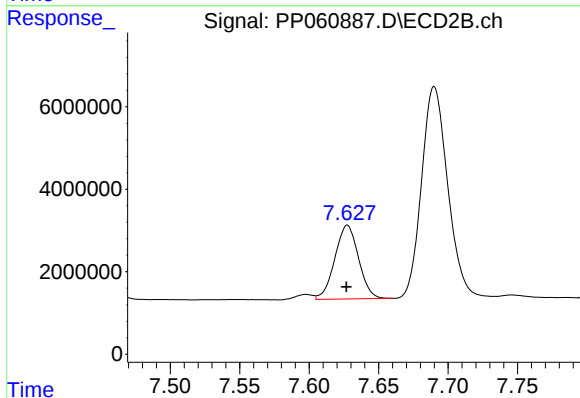
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 22879759
Conc: 295.32 ng/ml



#41 AR-1268-1

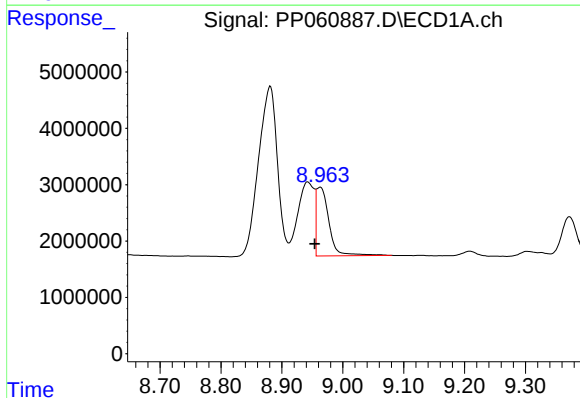
R.T.: 8.881 min
Delta R.T.: 0.026 min
Response: 65043468
Conc: 245.17 ng/ml

Instrument :
ECD_P
ClientSampleId :



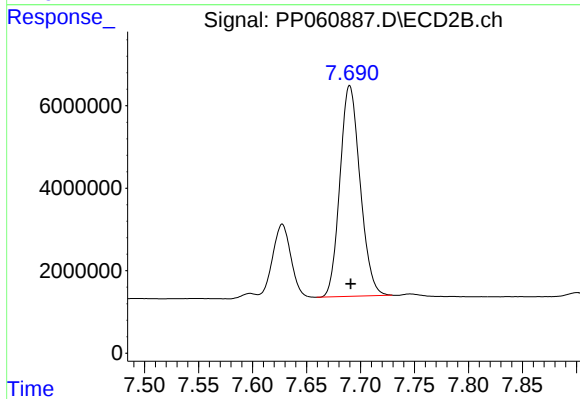
#41 AR-1268-1

R.T.: 7.628 min
Delta R.T.: 0.000 min
Response: 21194227
Conc: 77.97 ng/ml



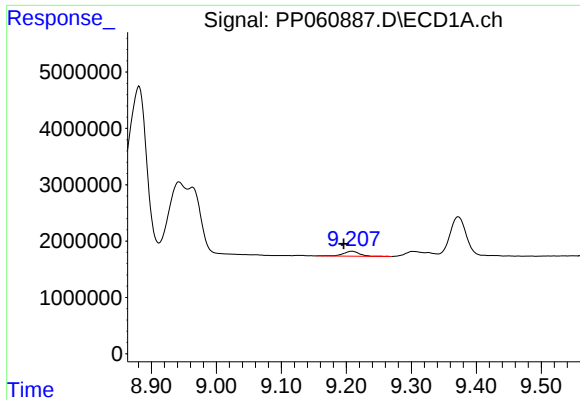
#42 AR-1268-2

R.T.: 8.963 min
Delta R.T.: 0.008 min
Response: 17633788
Conc: 72.35 ng/ml



#42 AR-1268-2

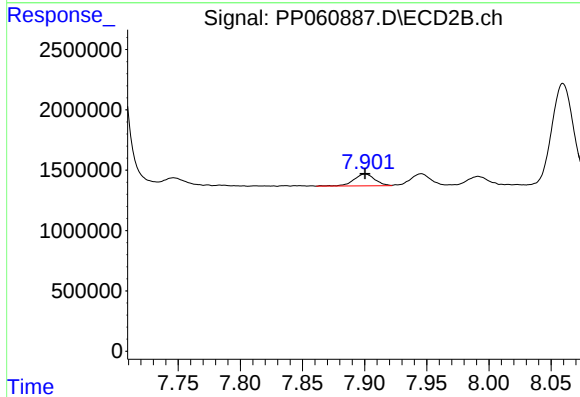
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 66412827
Conc: 272.32 ng/ml



#43 AR-1268-3

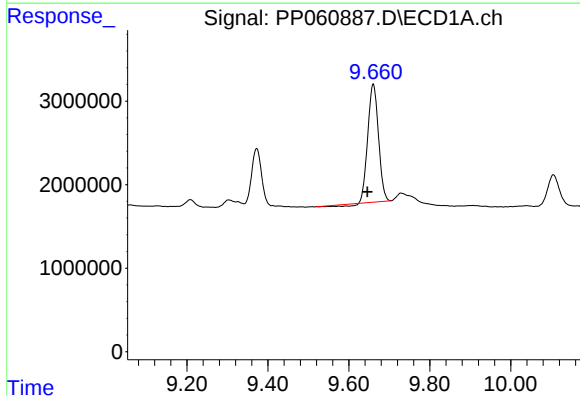
R.T.: 9.208 min
Delta R.T.: 0.012 min
Response: 1480509
Conc: 7.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



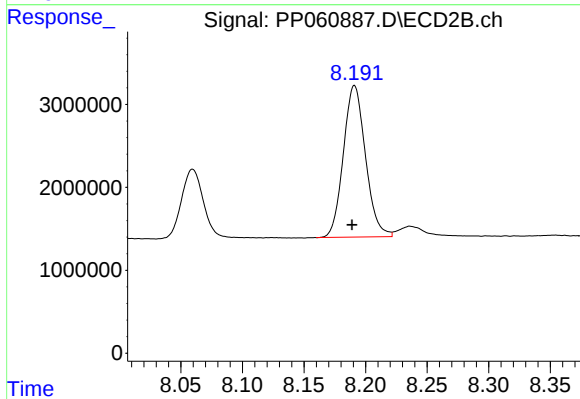
#43 AR-1268-3

R.T.: 7.901 min
Delta R.T.: 0.000 min
Response: 1169124
Conc: 5.47 ng/ml



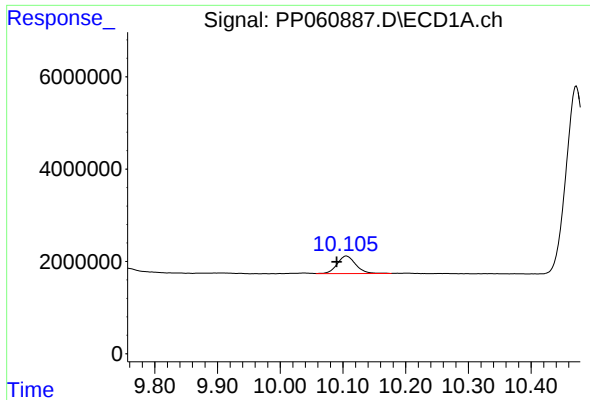
#44 AR-1268-4

R.T.: 9.660 min
Delta R.T.: 0.015 min
Response: 25321148
Conc: 274.09 ng/ml



#44 AR-1268-4

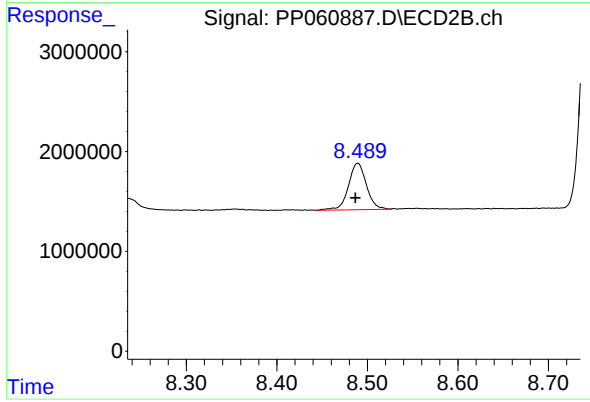
R.T.: 8.191 min
Delta R.T.: 0.002 min
Response: 22879759
Conc: 260.77 ng/ml



#45 AR-1268-5

R.T.: 10.105 min
Delta R.T.: 0.015 min
Response: 7784683
Conc: 12.30 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.489 min
Delta R.T.: 0.002 min
Response: 6428332
Conc: 10.29 ng/ml