

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100523\
 Data File : PP060663.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Oct 2023 03:35
 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 06 03:49:44 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...	4.532	3.684	116.7E6	76436771	52.103	51.351
2)	SA Decachlor...	10.457	8.746	85670728	73493068	48.524	45.055
Target Compounds							
3)	L1 AR-1016-1	5.719	4.782	37921032	28672759	515.198	493.425
4)	L1 AR-1016-2	5.742	4.801	54048714	39602855	516.062	491.927
5)	L1 AR-1016-3	5.805	4.978	33770952	22193329	516.720	496.577
6)	L1 AR-1016-4	5.906	5.020	28073941	17312625	516.260	481.124
7)	L1 AR-1016-5	6.204	5.236	28243512	22854841	507.770	470.362
8)	L2 AR-1221-1	4.739	3.899	5039915	3715102	174.470	177.840
9)	L2 AR-1221-2	4.830	3.987	6899087	4710629	322.915	315.918
10)	L2 AR-1221-3	4.908	4.064	22661831	15755252	373.163	358.663
11)	L3 AR-1232-1	4.908f	4.064	22661831	15755252	450.193	432.962
12)	L3 AR-1232-2	5.447f	4.801	29533011	39602855	1078.525	1085.951
13)	L3 AR-1232-3	5.742f	4.978	54048714	22193329	1164.411	1108.821
14)	L3 AR-1232-4	5.906f	5.063	28073941	21629738	1142.164	1158.887
15)	L3 AR-1232-5	5.997f	5.236	25033315	22854841	1208.074	1098.824
16)	L4 AR-1242-1	5.719	4.782	37921032	28672759	593.377	566.352
17)	L4 AR-1242-2	5.742	4.801	54048714	39602855	596.917	570.281
18)	L4 AR-1242-3	5.805	4.978	33770952	22193329	599.832	576.290
19)	L4 AR-1242-4	5.906	5.063	28073941	21629738	601.079	549.216
20)	L4 AR-1242-5	6.652	5.590	8525285	22587217	169.502	461.744 #
21)	L5 AR-1248-1	5.719	4.782	37921032	28672759	815.078	785.692
22)	L5 AR-1248-2	5.997	5.020	25033315	17312625	361.048	331.203
23)	L5 AR-1248-3	6.204	5.063	28243512	21629738	371.872	389.555
24)	L5 AR-1248-4	6.611	5.236	9360219	22854841	113.175	347.195 #
25)	L5 AR-1248-5	6.652	5.631	8525285	5709433	105.927	88.763
26)	L6 AR-1254-1	6.586	5.590	24927184	22587217	292.092	228.341
27)	L6 AR-1254-2	6.806	5.739	21355688	16370259	167.330	190.478
28)	L6 AR-1254-3	7.177	6.162	10289966	31813409	77.417	221.964 #
29)	L6 AR-1254-4	7.465	6.375	7178067	2440105	72.993	27.995 #
30)	L6 AR-1254-5	7.887	6.795	66496123	60153911	613.755	474.699
31)	L7 AR-1260-1	7.343	6.277	51062831	46281851	487.125	461.088
32)	L7 AR-1260-2	7.602	6.465	58163688	55306066	481.065	463.570
33)	L7 AR-1260-3	7.965	6.620	45025031	52963269	485.758	462.584
34)	L7 AR-1260-4	8.196	7.095	51451764	43627401	485.161	458.359
35)	L7 AR-1260-5	8.530	7.337	92093460	98501641	475.883	454.524
36)	L8 AR-1262-1	7.965	6.888	45025031	23595207	360.965	440.641
37)	L8 AR-1262-2	8.530	7.095	92093460	43627401	439.622	369.880
38)	L8 AR-1262-3	8.872	7.623	61406657	21817097	405.760	236.605 #
39)	L8 AR-1262-4	8.952	7.686	16477747	68214191	137.686	404.923 #
40)	L8 AR-1262-5	9.650	8.186	26508241	23218874	331.088	299.697
41)	L9 AR-1268-1	8.872f	7.623	61406657	21817097	231.461	80.262 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

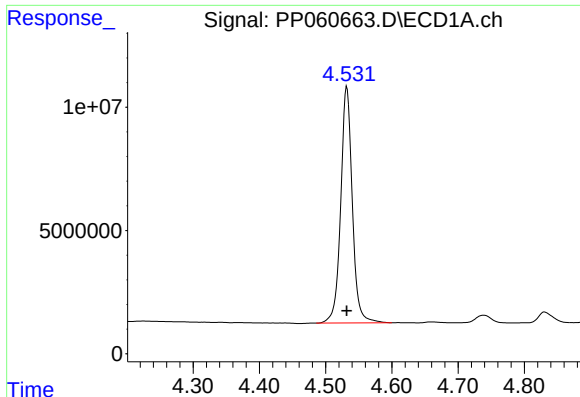
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 06 03:49:44 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.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	8.952	7.686	16477747	68214191	67.605	279.710 #
43) L9	AR-1268-3	9.198	7.897	1368936	1107386	6.545	5.177
44) L9	AR-1268-4	9.650	8.186	26508241	23218874	286.939	264.638
45) L9	AR-1268-5	10.093	8.484	7517776	6349918	11.875	10.160

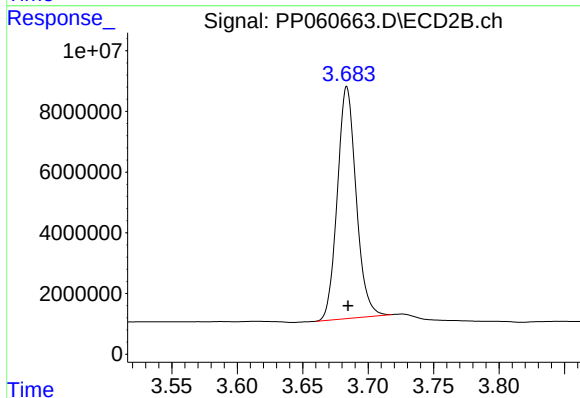
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

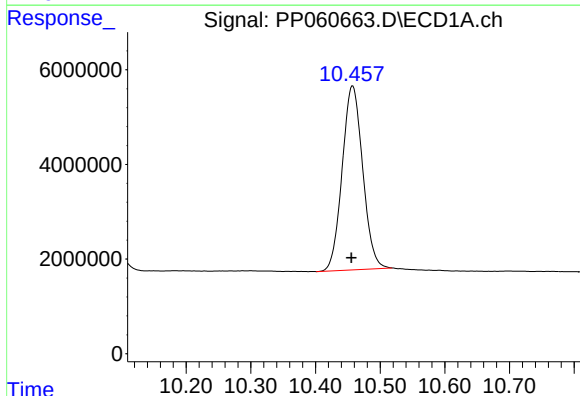
R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 116683960
Conc: 52.10 ng/ml

Instrument :
ECD_P
ClientSampleId :



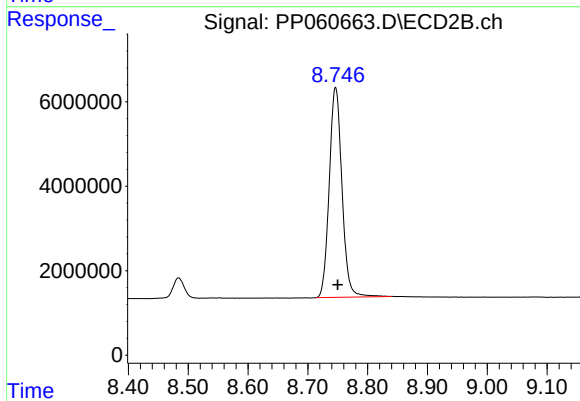
#1 Tetrachloro-m-xylene

R.T.: 3.684 min
Delta R.T.: -0.001 min
Response: 76436771
Conc: 51.35 ng/ml



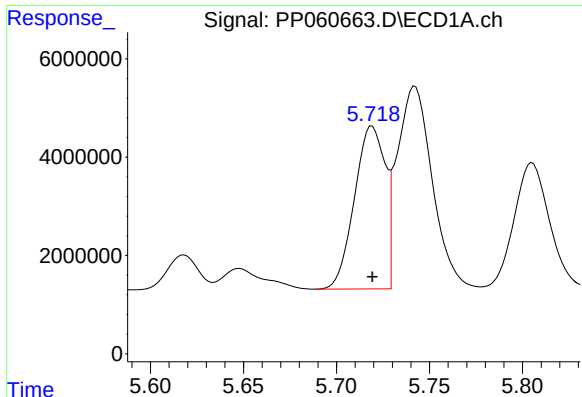
#2 Decachlorobiphenyl

R.T.: 10.457 min
Delta R.T.: 0.002 min
Response: 85670728
Conc: 48.52 ng/ml



#2 Decachlorobiphenyl

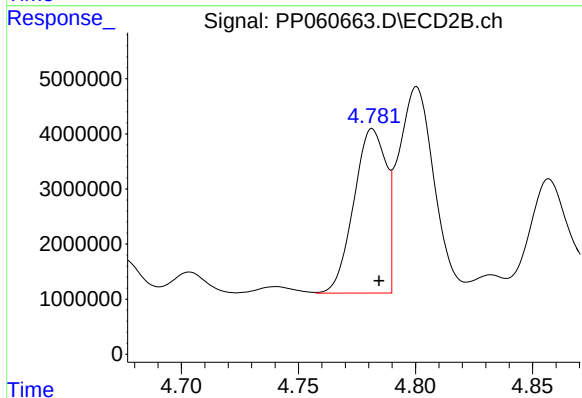
R.T.: 8.746 min
Delta R.T.: -0.004 min
Response: 73493068
Conc: 45.05 ng/ml



#3 AR-1016-1

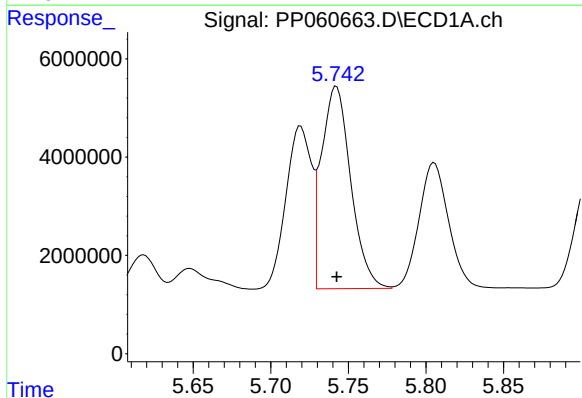
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 37921032
Conc: 515.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



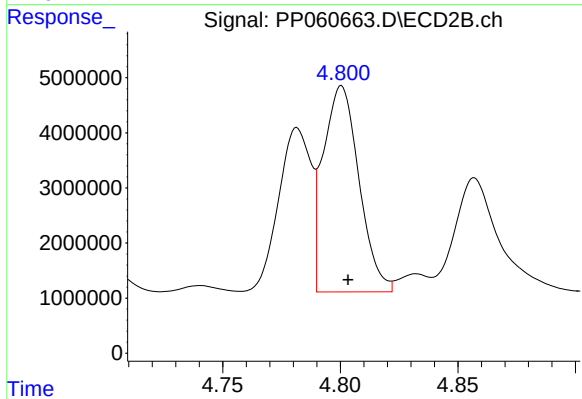
#3 AR-1016-1

R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 28672759
Conc: 493.42 ng/ml



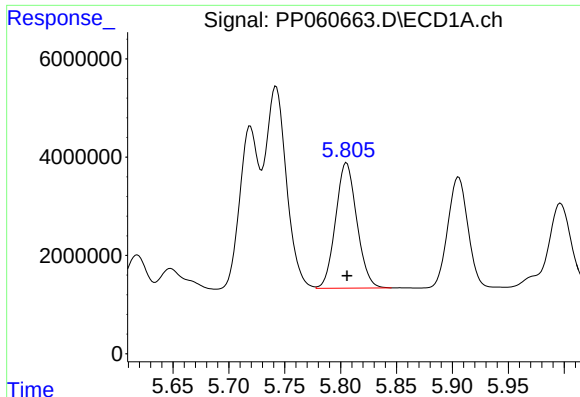
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 54048714
Conc: 516.06 ng/ml



#4 AR-1016-2

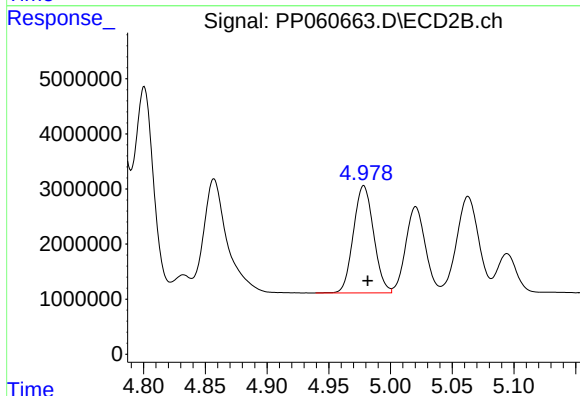
R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 39602855
Conc: 491.93 ng/ml



#5 AR-1016-3

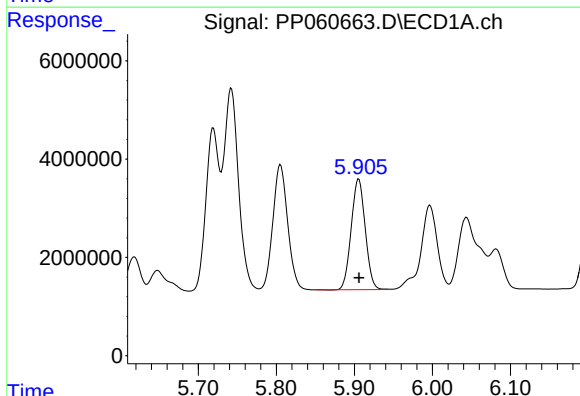
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 33770952
Conc: 516.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



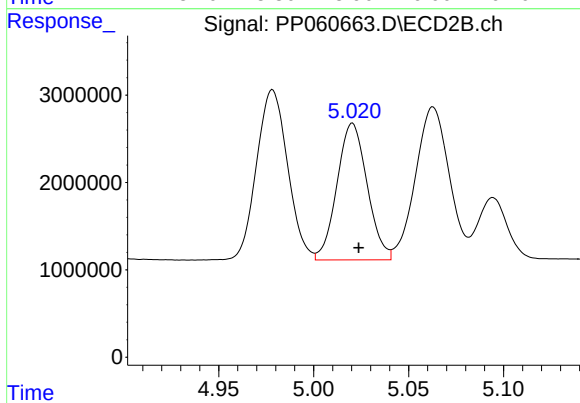
#5 AR-1016-3

R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 22193329
Conc: 496.58 ng/ml



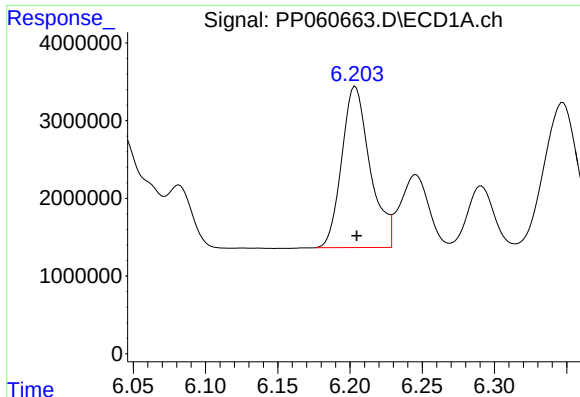
#6 AR-1016-4

R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 28073941
Conc: 516.26 ng/ml



#6 AR-1016-4

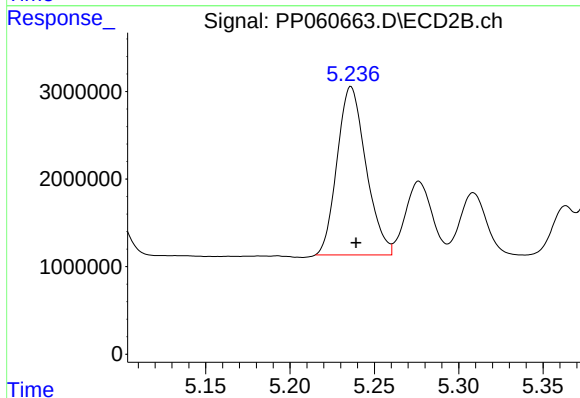
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 17312625
Conc: 481.12 ng/ml



#7 AR-1016-5

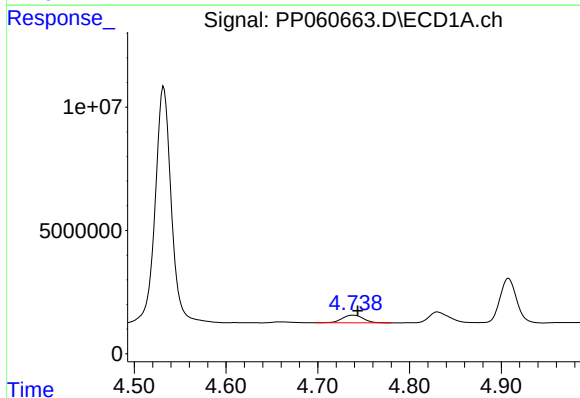
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 28243512
Conc: 507.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



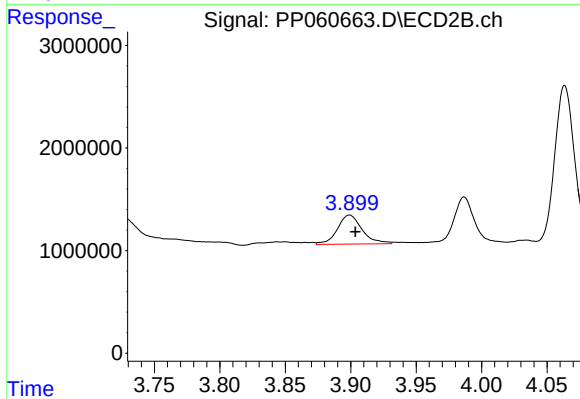
#7 AR-1016-5

R.T.: 5.236 min
Delta R.T.: -0.003 min
Response: 22854841
Conc: 470.36 ng/ml



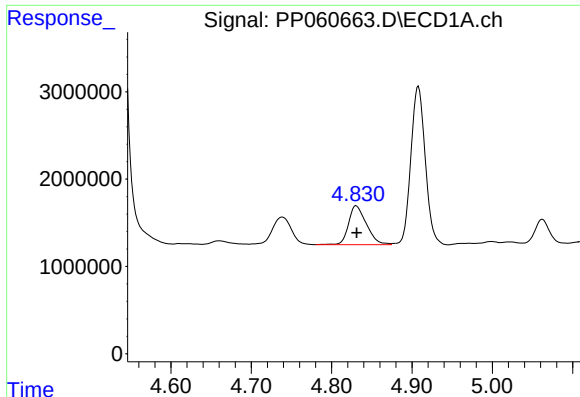
#8 AR-1221-1

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 5039915
Conc: 174.47 ng/ml



#8 AR-1221-1

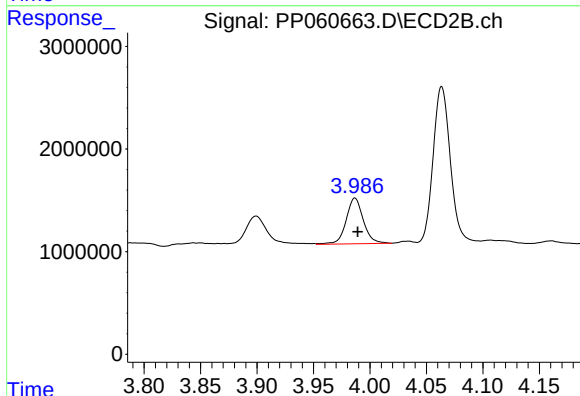
R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 3715102
Conc: 177.84 ng/ml



#9 AR-1221-2

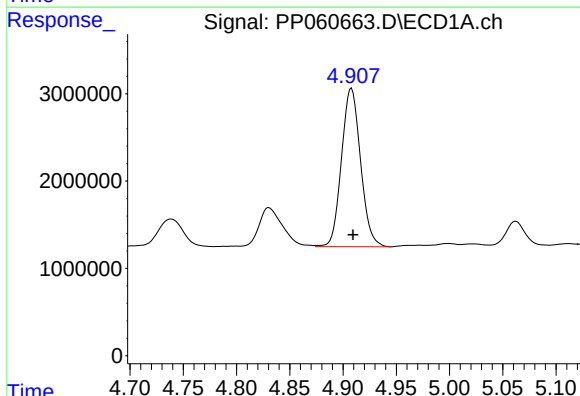
R.T.: 4.830 min
Delta R.T.: 0.000 min
Response: 6899087
Conc: 322.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



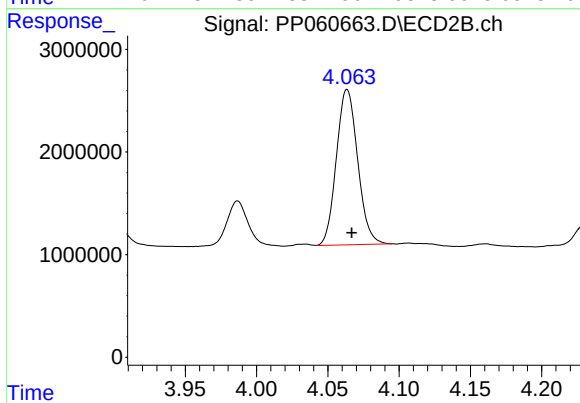
#9 AR-1221-2

R.T.: 3.987 min
Delta R.T.: -0.003 min
Response: 4710629
Conc: 315.92 ng/ml



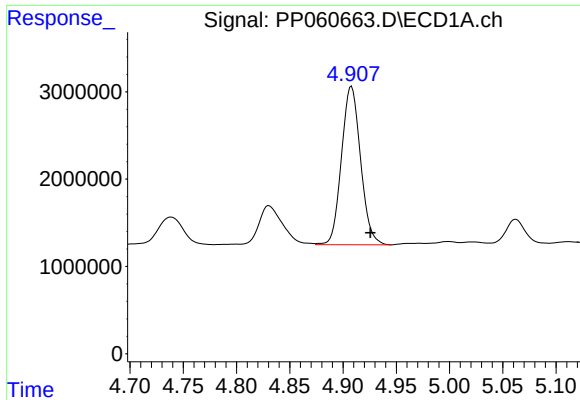
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 22661831
Conc: 373.16 ng/ml



#10 AR-1221-3

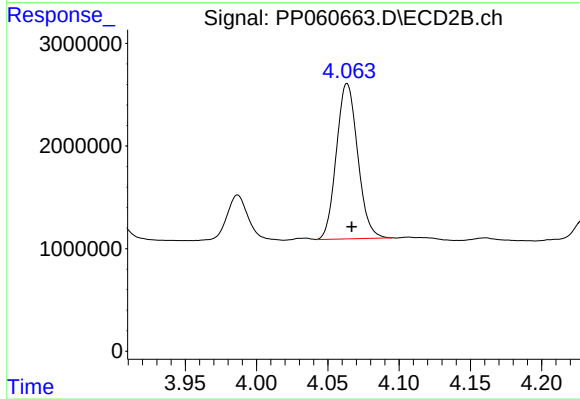
R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 15755252
Conc: 358.66 ng/ml



#11 AR-1232-1

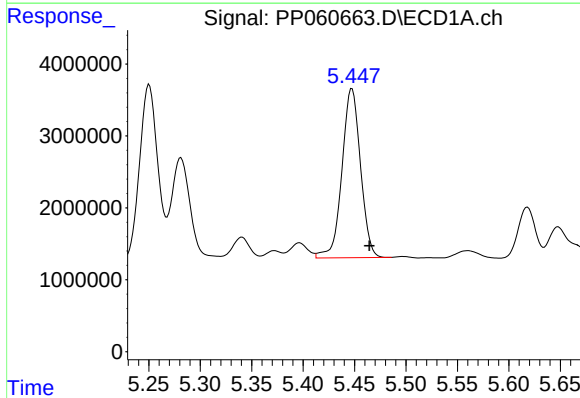
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 22661831
Conc: 450.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



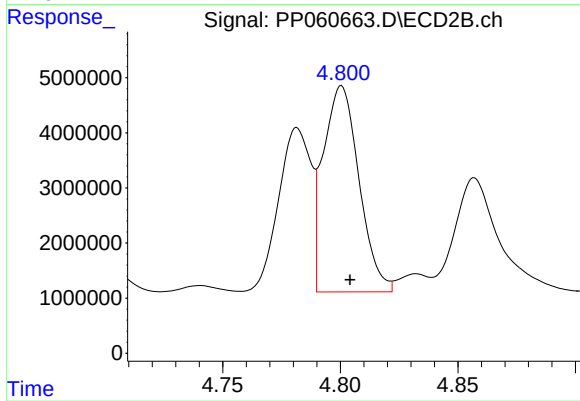
#11 AR-1232-1

R.T.: 4.064 min
Delta R.T.: -0.003 min
Response: 15755252
Conc: 432.96 ng/ml



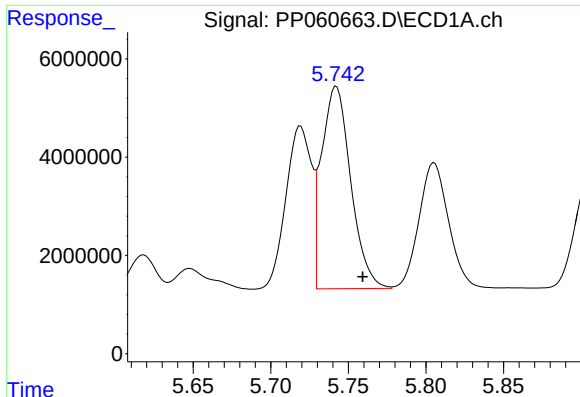
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 29533011
Conc: 1078.52 ng/ml



#12 AR-1232-2

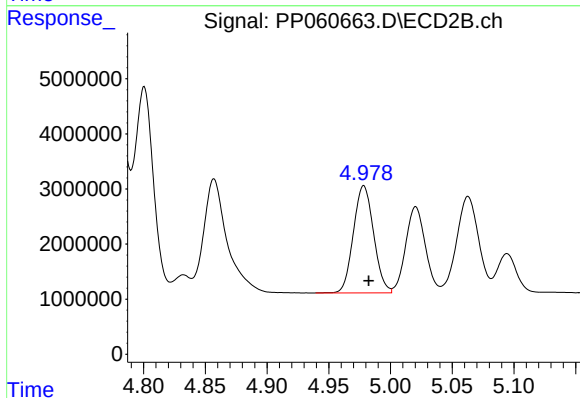
R.T.: 4.801 min
Delta R.T.: -0.004 min
Response: 39602855
Conc: 1085.95 ng/ml



#13 AR-1232-3

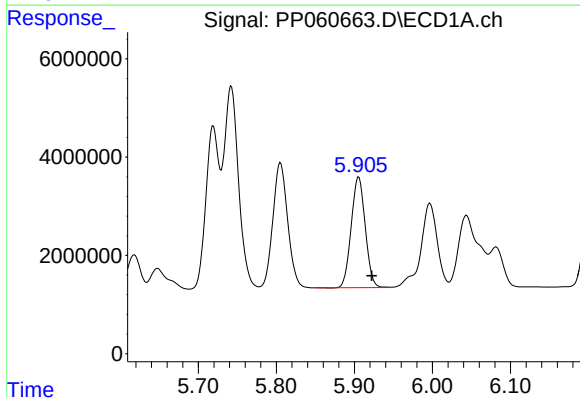
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 54048714
Conc: 1164.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



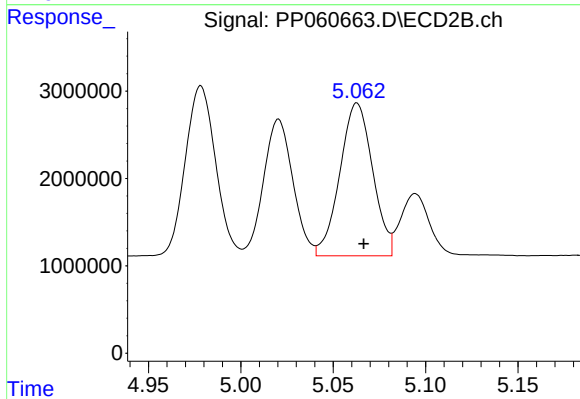
#13 AR-1232-3

R.T.: 4.978 min
Delta R.T.: -0.004 min
Response: 22193329
Conc: 1108.82 ng/ml



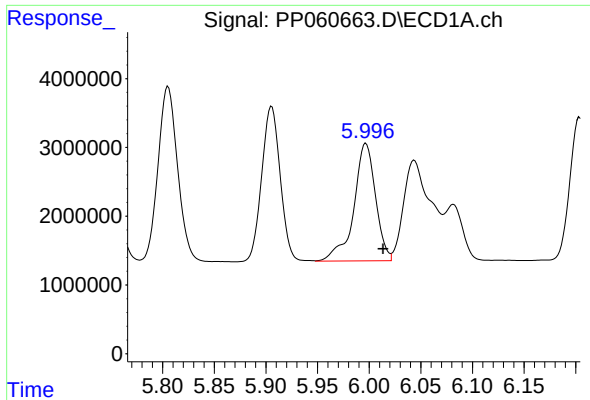
#14 AR-1232-4

R.T.: 5.906 min
Delta R.T.: -0.017 min
Response: 28073941
Conc: 1142.16 ng/ml



#14 AR-1232-4

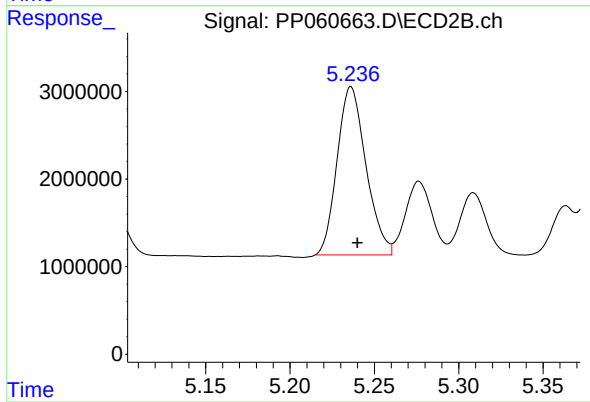
R.T.: 5.063 min
Delta R.T.: -0.004 min
Response: 21629738
Conc: 1158.89 ng/ml



#15 AR-1232-5

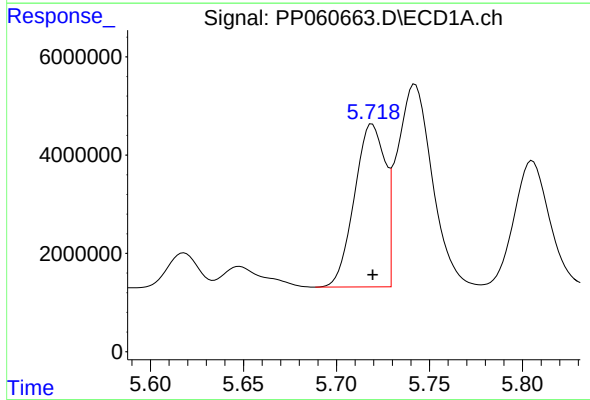
R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 25033315
Conc: 1208.07 ng/ml

Instrument :
ECD_P
ClientSampleId :



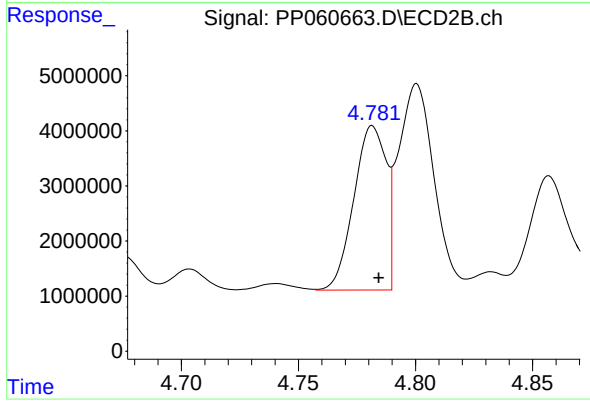
#15 AR-1232-5

R.T.: 5.236 min
Delta R.T.: -0.004 min
Response: 22854841
Conc: 1098.82 ng/ml



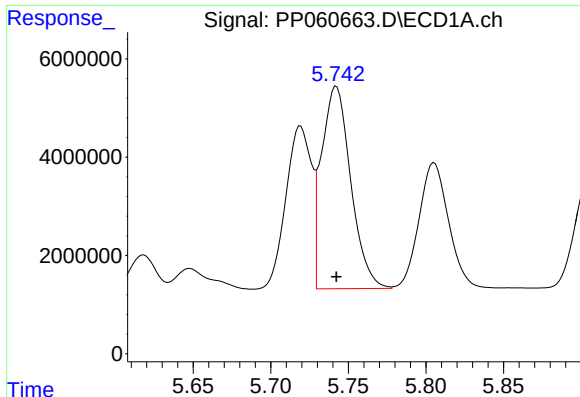
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 37921032
Conc: 593.38 ng/ml



#16 AR-1242-1

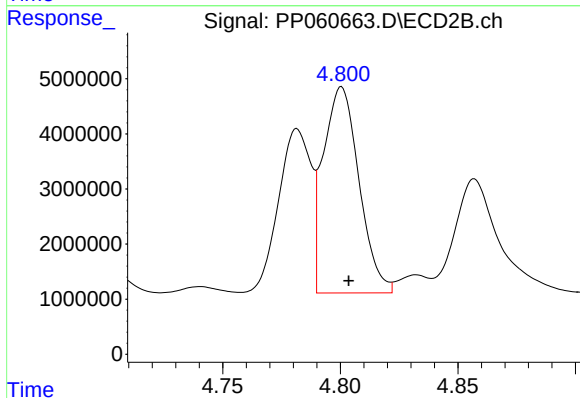
R.T.: 4.782 min
Delta R.T.: -0.003 min
Response: 28672759
Conc: 566.35 ng/ml



#17 AR-1242-2

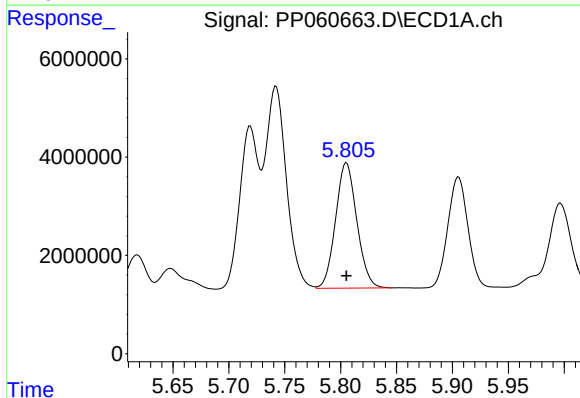
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 54048714
Conc: 596.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



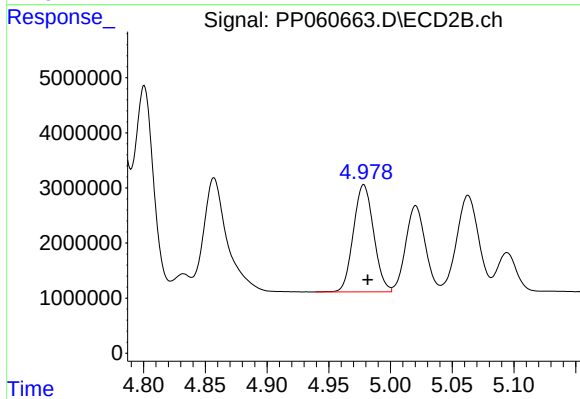
#17 AR-1242-2

R.T.: 4.801 min
Delta R.T.: -0.003 min
Response: 39602855
Conc: 570.28 ng/ml



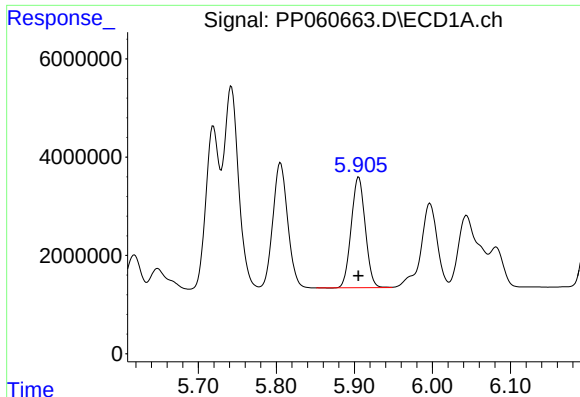
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 33770952
Conc: 599.83 ng/ml



#18 AR-1242-3

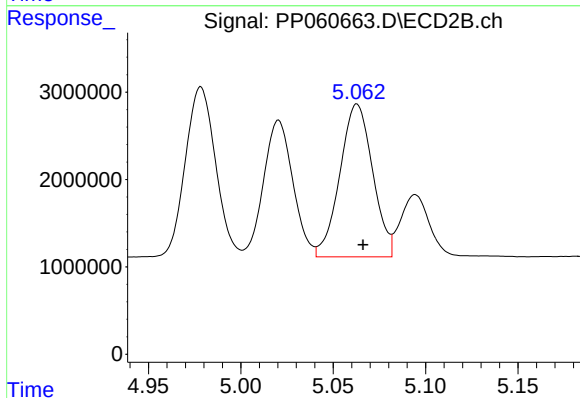
R.T.: 4.978 min
Delta R.T.: -0.003 min
Response: 22193329
Conc: 576.29 ng/ml



#19 AR-1242-4

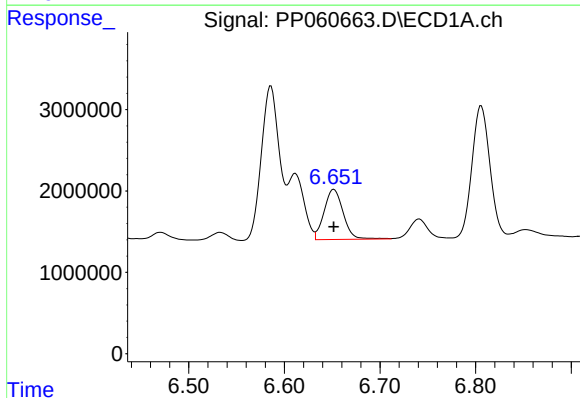
R.T.: 5.906 min
Delta R.T.: 0.000 min
Response: 28073941
Conc: 601.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



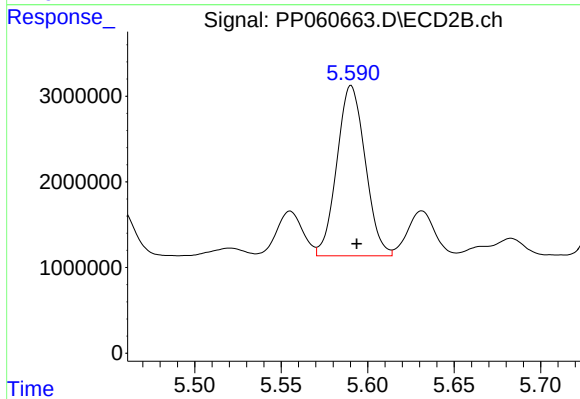
#19 AR-1242-4

R.T.: 5.063 min
Delta R.T.: -0.003 min
Response: 21629738
Conc: 549.22 ng/ml



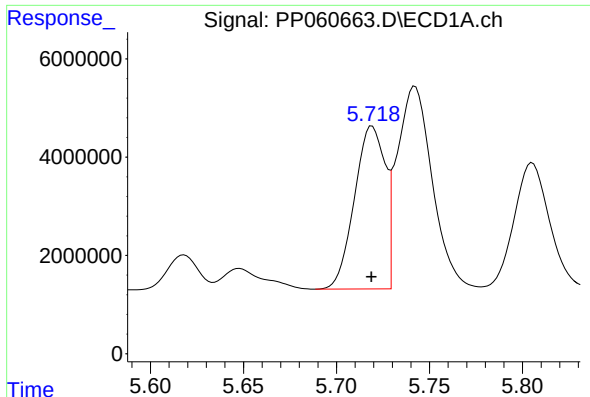
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8525285
Conc: 169.50 ng/ml



#20 AR-1242-5

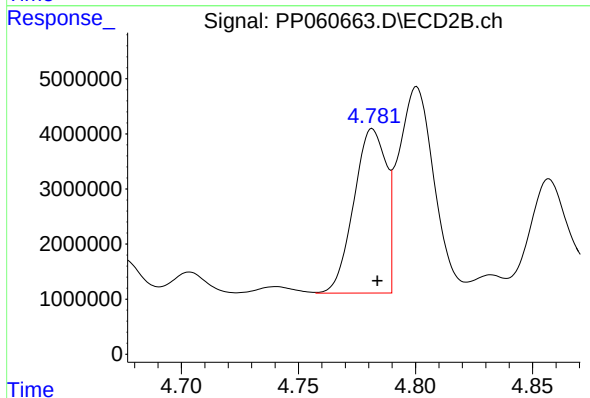
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 22587217
Conc: 461.74 ng/ml



#21 AR-1248-1

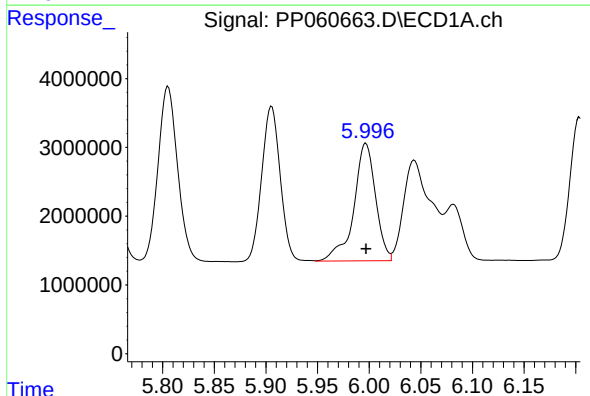
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 37921032
Conc: 815.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



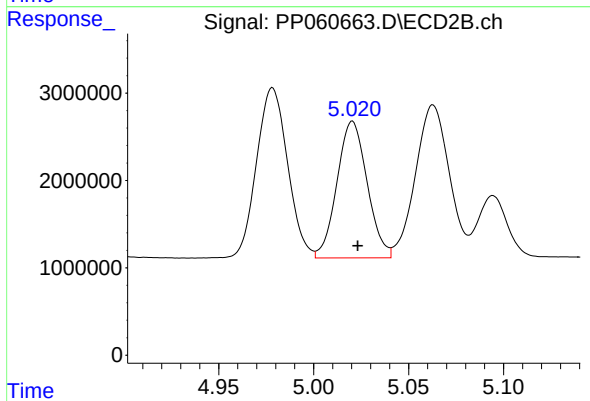
#21 AR-1248-1

R.T.: 4.782 min
Delta R.T.: -0.002 min
Response: 28672759
Conc: 785.69 ng/ml



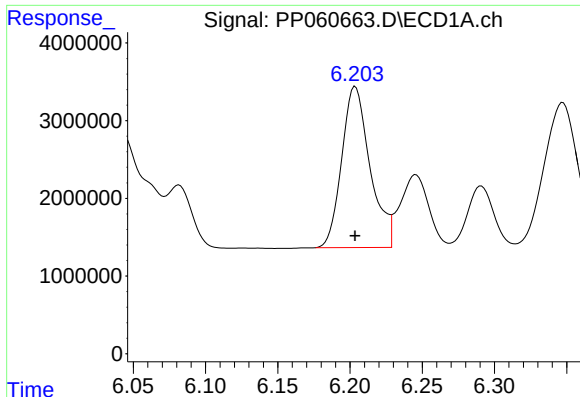
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 25033315
Conc: 361.05 ng/ml



#22 AR-1248-2

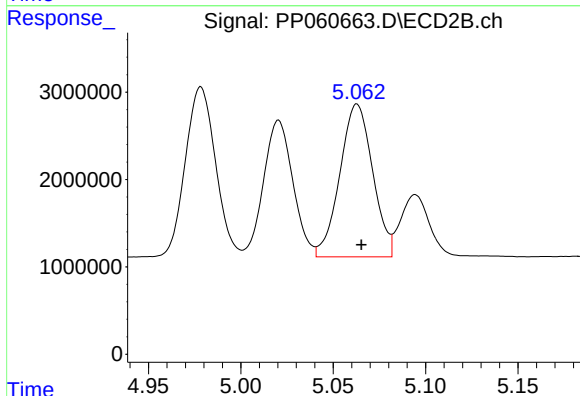
R.T.: 5.020 min
Delta R.T.: -0.003 min
Response: 17312625
Conc: 331.20 ng/ml



#23 AR-1248-3

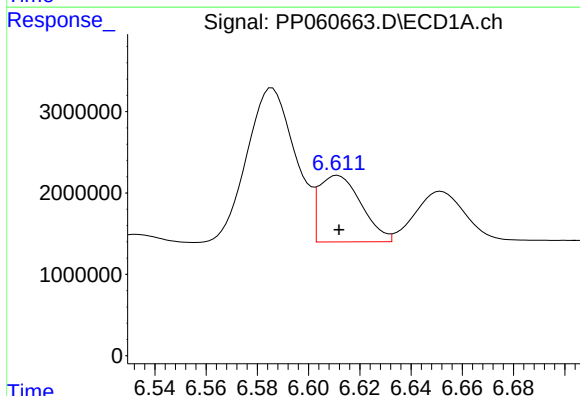
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 28243512
Conc: 371.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



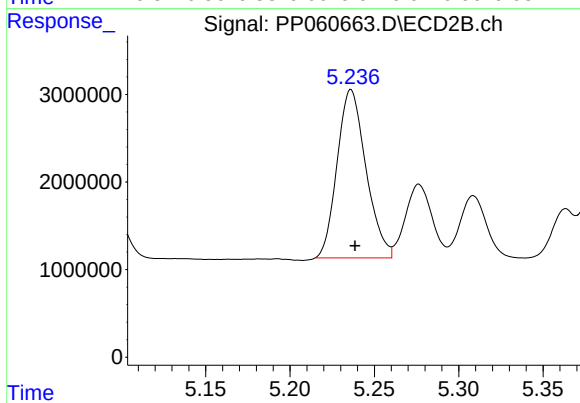
#23 AR-1248-3

R.T.: 5.063 min
Delta R.T.: -0.002 min
Response: 21629738
Conc: 389.55 ng/ml



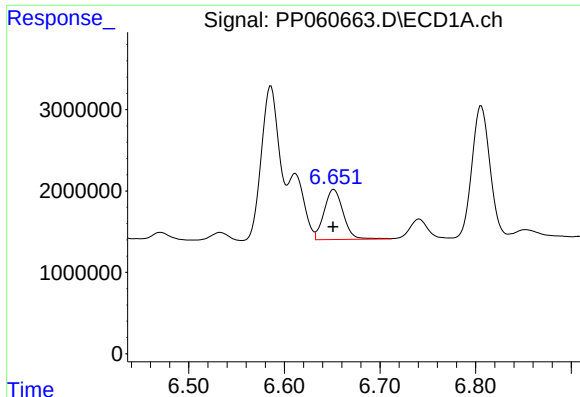
#24 AR-1248-4

R.T.: 6.611 min
Delta R.T.: 0.000 min
Response: 9360219
Conc: 113.17 ng/ml



#24 AR-1248-4

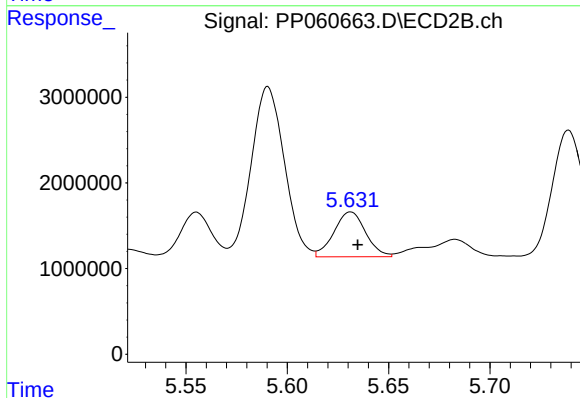
R.T.: 5.236 min
Delta R.T.: -0.002 min
Response: 22854841
Conc: 347.19 ng/ml



#25 AR-1248-5

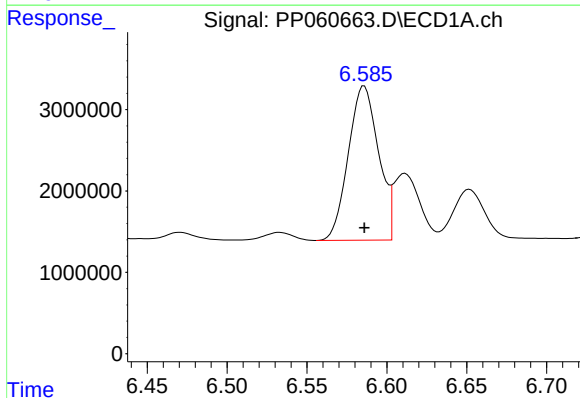
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8525285
Conc: 105.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



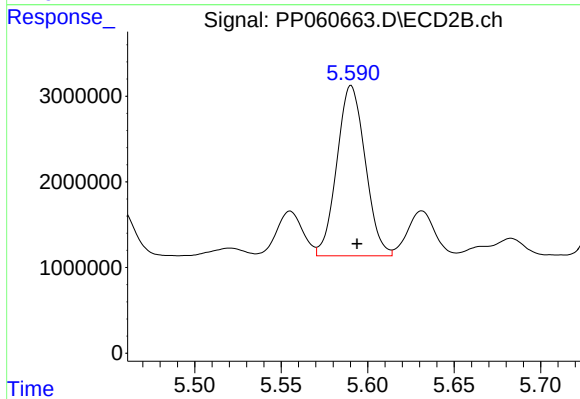
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.003 min
Response: 5709433
Conc: 88.76 ng/ml



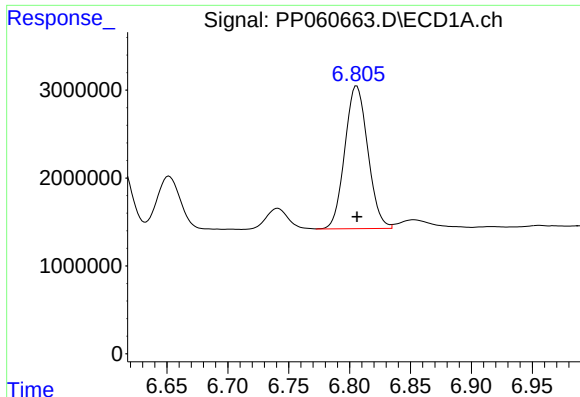
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 24927184
Conc: 292.09 ng/ml



#26 AR-1254-1

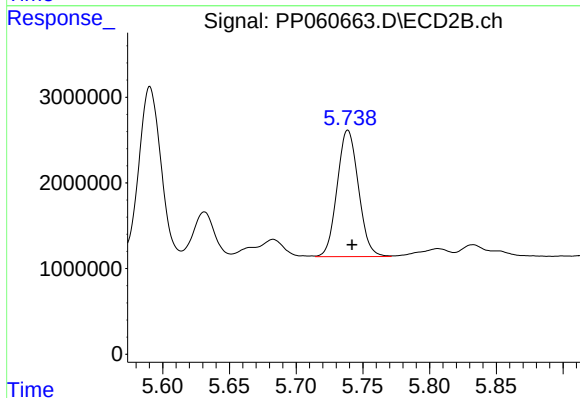
R.T.: 5.590 min
Delta R.T.: -0.003 min
Response: 22587217
Conc: 228.34 ng/ml



#27 AR-1254-2

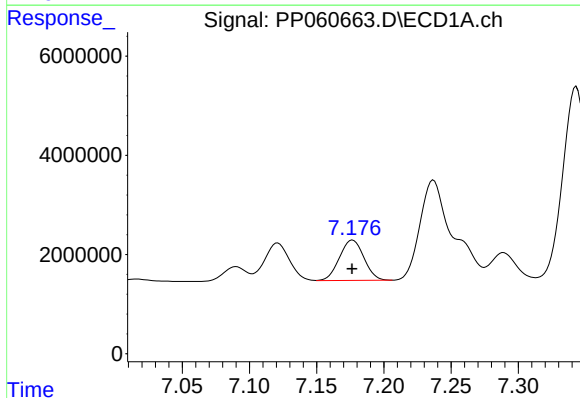
R.T.: 6.806 min
Delta R.T.: 0.000 min
Response: 21355688
Conc: 167.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



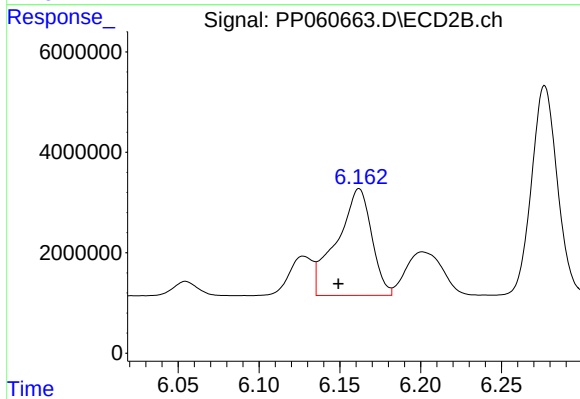
#27 AR-1254-2

R.T.: 5.739 min
Delta R.T.: -0.003 min
Response: 16370259
Conc: 190.48 ng/ml



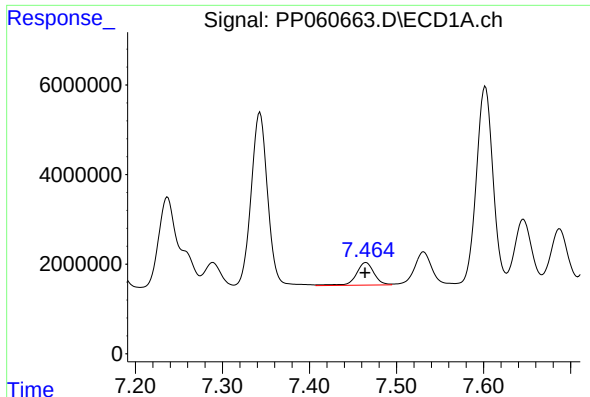
#28 AR-1254-3

R.T.: 7.177 min
Delta R.T.: 0.000 min
Response: 10289966
Conc: 77.42 ng/ml



#28 AR-1254-3

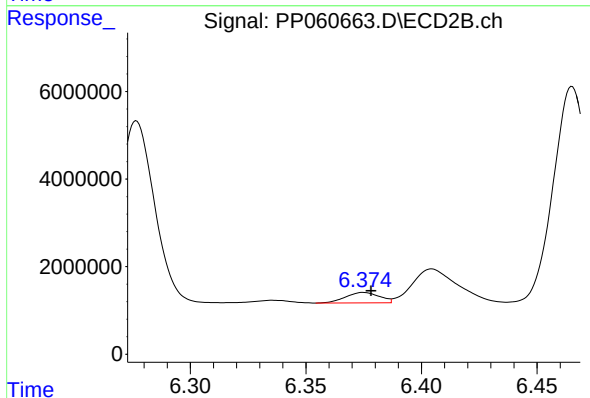
R.T.: 6.162 min
Delta R.T.: 0.013 min
Response: 31813409
Conc: 221.96 ng/ml



#29 AR-1254-4

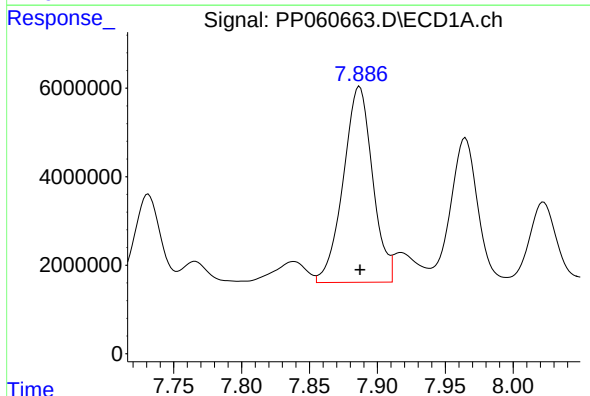
R.T.: 7.465 min
Delta R.T.: 0.000 min
Response: 7178067
Conc: 72.99 ng/ml

Instrument :
ECD_P
ClientSampleId :



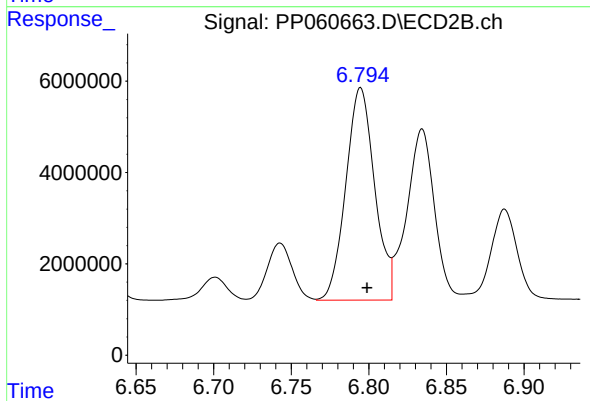
#29 AR-1254-4

R.T.: 6.375 min
Delta R.T.: -0.003 min
Response: 2440105
Conc: 27.99 ng/ml



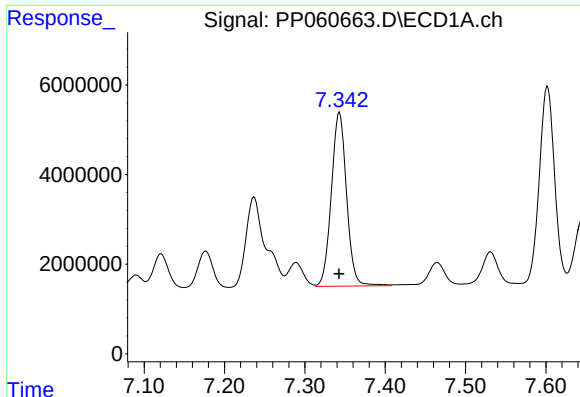
#30 AR-1254-5

R.T.: 7.887 min
Delta R.T.: 0.000 min
Response: 66496123
Conc: 613.75 ng/ml



#30 AR-1254-5

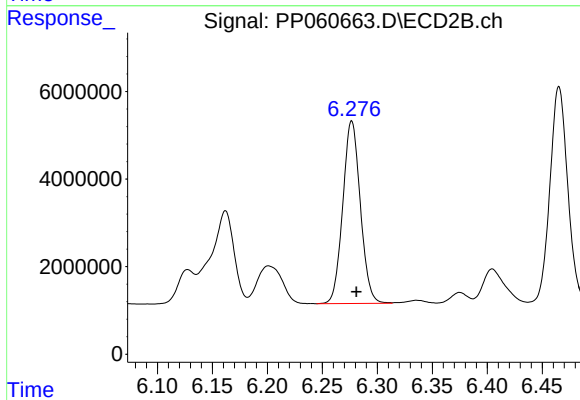
R.T.: 6.795 min
Delta R.T.: -0.004 min
Response: 60153911
Conc: 474.70 ng/ml



#31 AR-1260-1

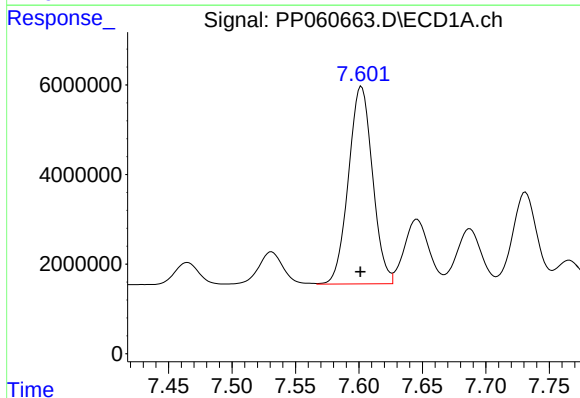
R.T.: 7.343 min
Delta R.T.: 0.000 min
Response: 51062831
Conc: 487.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



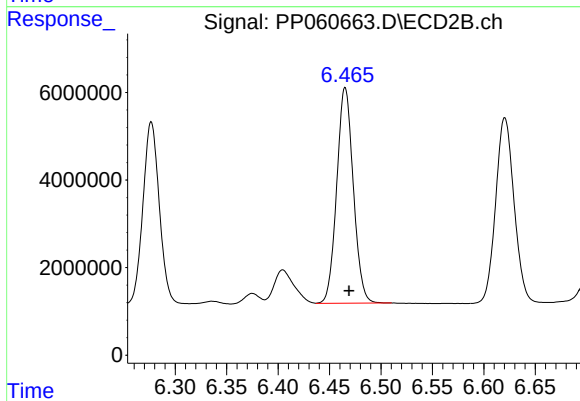
#31 AR-1260-1

R.T.: 6.277 min
Delta R.T.: -0.004 min
Response: 46281851
Conc: 461.09 ng/ml



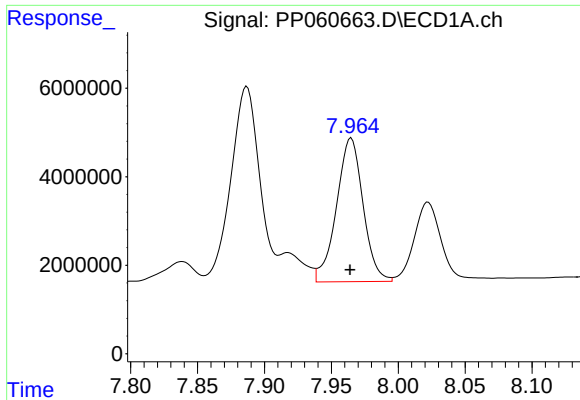
#32 AR-1260-2

R.T.: 7.602 min
Delta R.T.: 0.000 min
Response: 58163688
Conc: 481.06 ng/ml



#32 AR-1260-2

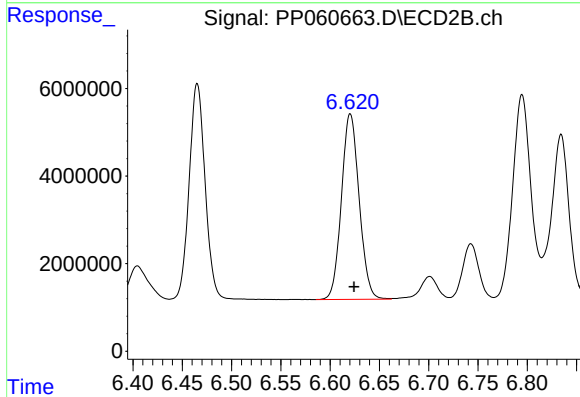
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 55306066
Conc: 463.57 ng/ml



#33 AR-1260-3

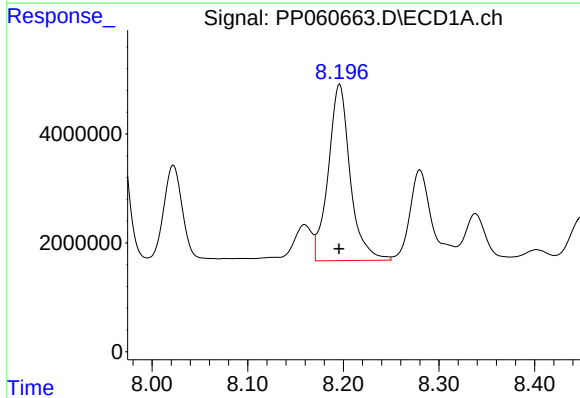
R.T.: 7.965 min
Delta R.T.: 0.000 min
Response: 45025031
Conc: 485.76 ng/ml

Instrument :
ECD_P
ClientSampleId :



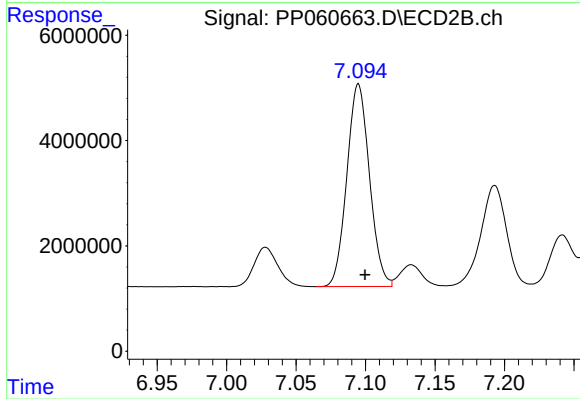
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 52963269
Conc: 462.58 ng/ml



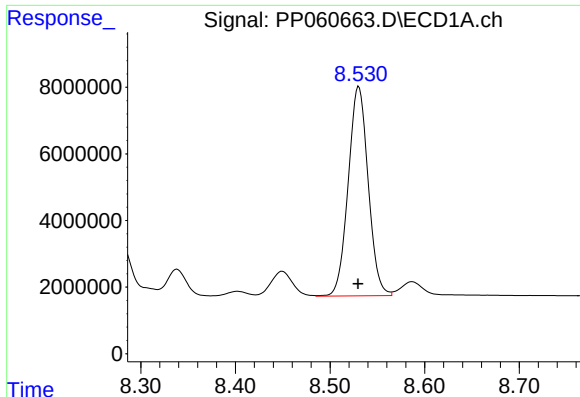
#34 AR-1260-4

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 51451764
Conc: 485.16 ng/ml



#34 AR-1260-4

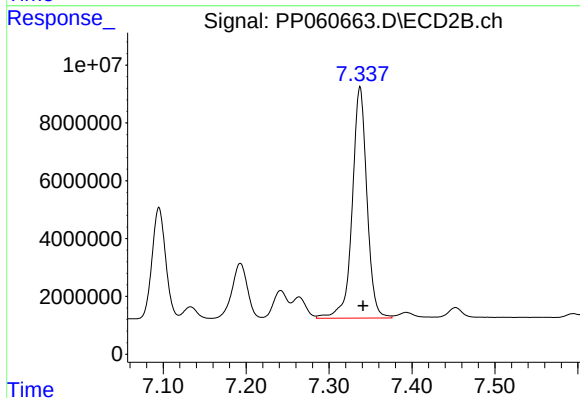
R.T.: 7.095 min
Delta R.T.: -0.005 min
Response: 43627401
Conc: 458.36 ng/ml



#35 AR-1260-5

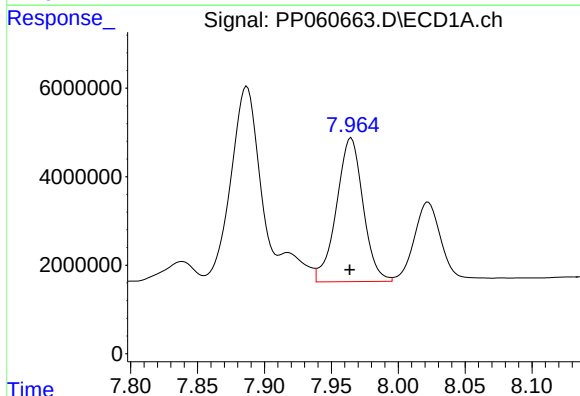
R.T.: 8.530 min
Delta R.T.: 0.000 min
Response: 92093460
Conc: 475.88 ng/ml

Instrument :
ECD_P
ClientSampleId :



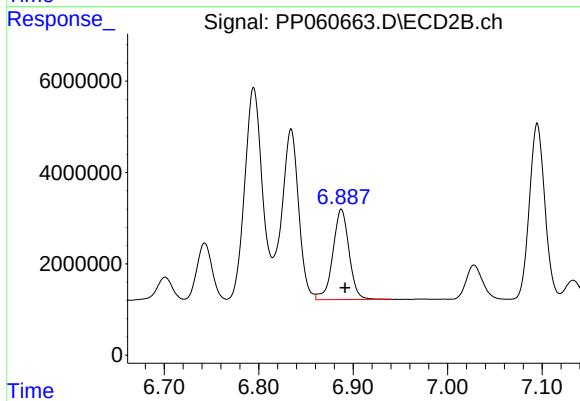
#35 AR-1260-5

R.T.: 7.337 min
Delta R.T.: -0.004 min
Response: 98501641
Conc: 454.52 ng/ml



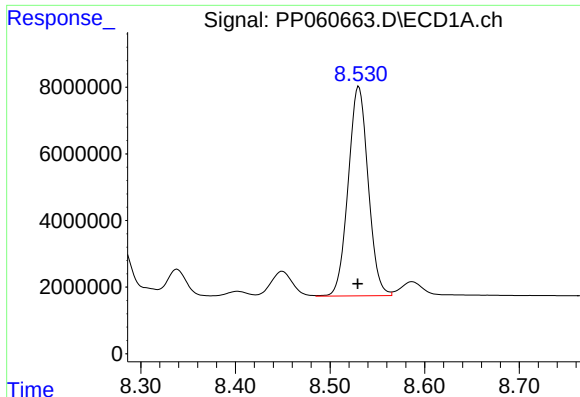
#36 AR-1262-1

R.T.: 7.965 min
Delta R.T.: 0.001 min
Response: 45025031
Conc: 360.96 ng/ml



#36 AR-1262-1

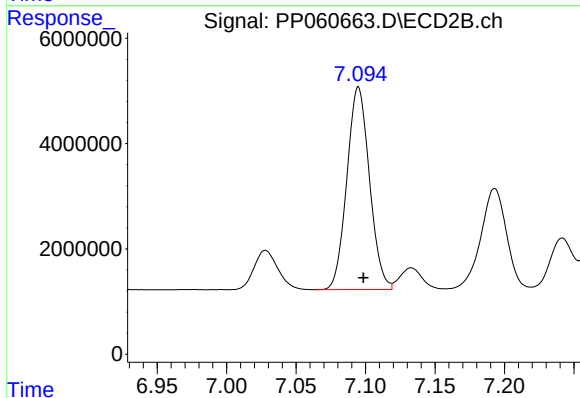
R.T.: 6.888 min
Delta R.T.: -0.004 min
Response: 23595207
Conc: 440.64 ng/ml



#37 AR-1262-2

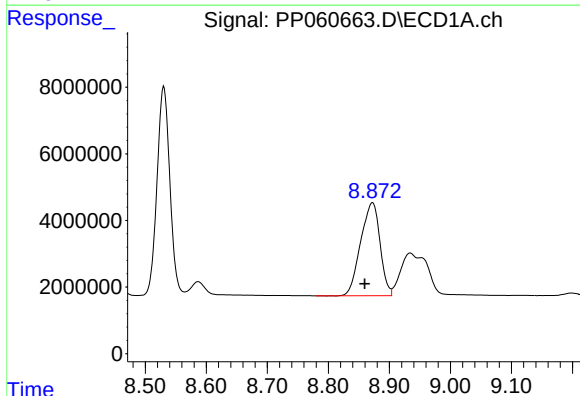
R.T.: 8.530 min
Delta R.T.: 0.001 min
Response: 92093460
Conc: 439.62 ng/ml

Instrument :
ECD_P
ClientSampleId :



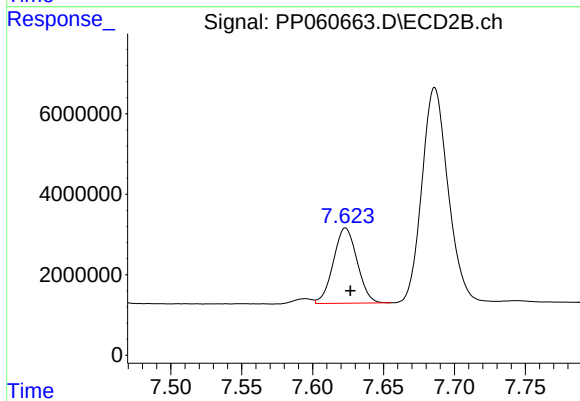
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 43627401
Conc: 369.88 ng/ml



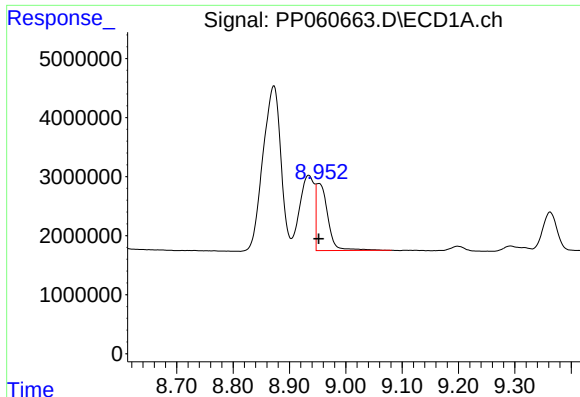
#38 AR-1262-3

R.T.: 8.872 min
Delta R.T.: 0.013 min
Response: 61406657
Conc: 405.76 ng/ml



#38 AR-1262-3

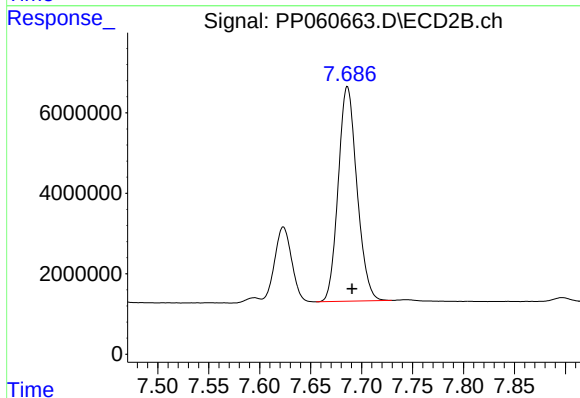
R.T.: 7.623 min
Delta R.T.: -0.003 min
Response: 21817097
Conc: 236.61 ng/ml



#39 AR-1262-4

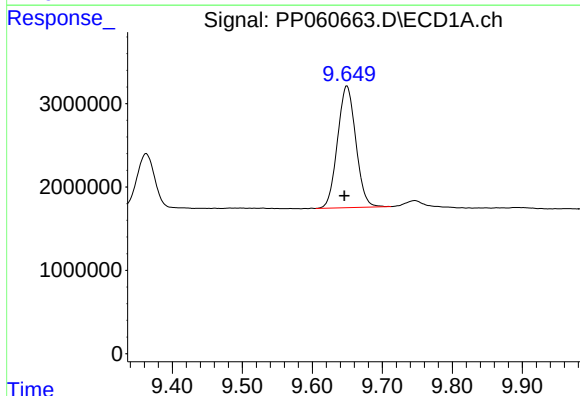
R.T.: 8.952 min
Delta R.T.: 0.000 min
Response: 16477747
Conc: 137.69 ng/ml

Instrument :
ECD_P
ClientSampleId :



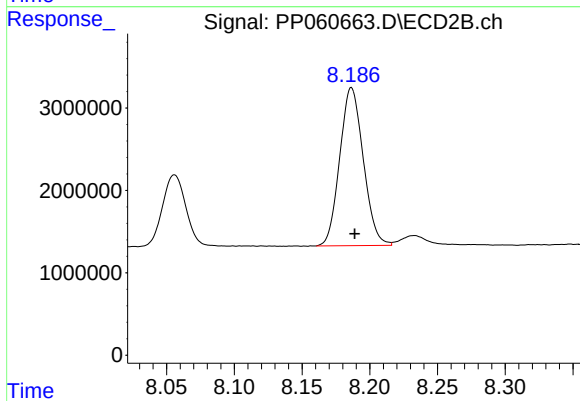
#39 AR-1262-4

R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 68214191
Conc: 404.92 ng/ml



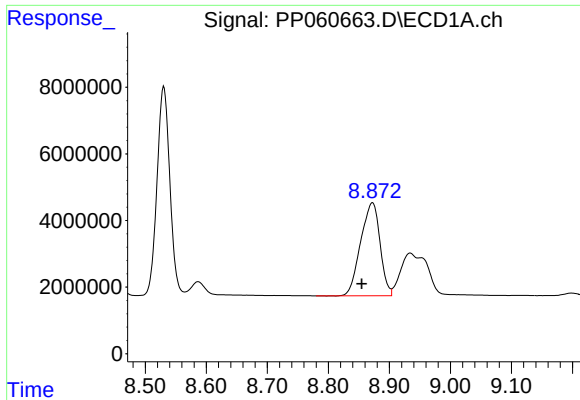
#40 AR-1262-5

R.T.: 9.650 min
Delta R.T.: 0.004 min
Response: 26508241
Conc: 331.09 ng/ml



#40 AR-1262-5

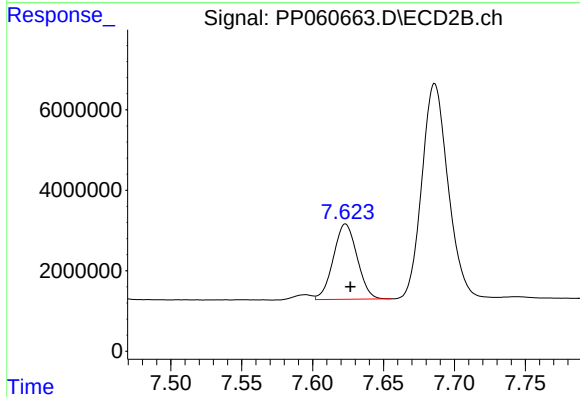
R.T.: 8.186 min
Delta R.T.: -0.002 min
Response: 23218874
Conc: 299.70 ng/ml



#41 AR-1268-1

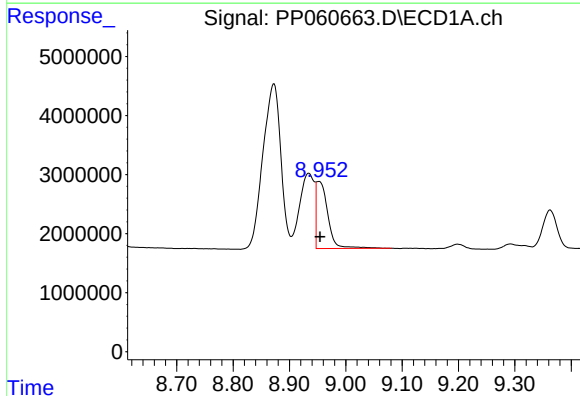
R.T.: 8.872 min
Delta R.T.: 0.018 min
Response: 61406657
Conc: 231.46 ng/ml

Instrument :
ECD_P
ClientSampleId :



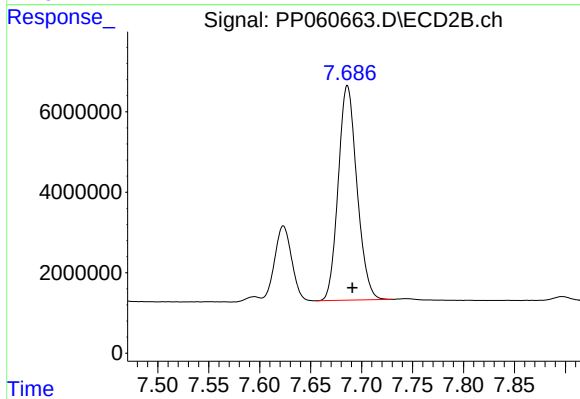
#41 AR-1268-1

R.T.: 7.623 min
Delta R.T.: -0.004 min
Response: 21817097
Conc: 80.26 ng/ml



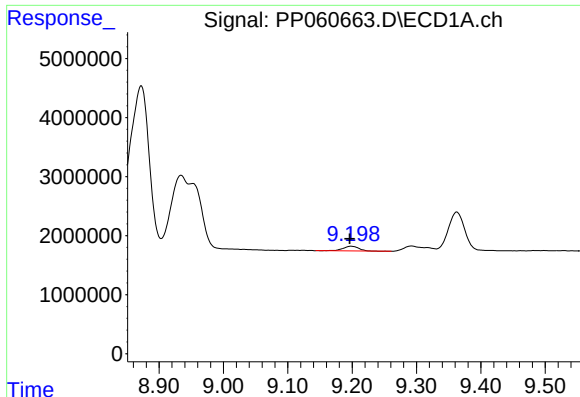
#42 AR-1268-2

R.T.: 8.952 min
Delta R.T.: -0.002 min
Response: 16477747
Conc: 67.61 ng/ml



#42 AR-1268-2

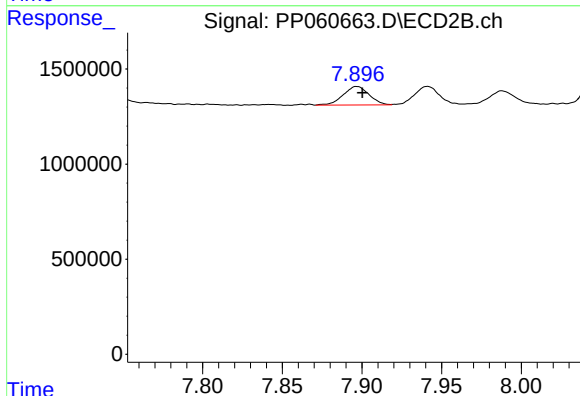
R.T.: 7.686 min
Delta R.T.: -0.005 min
Response: 68214191
Conc: 279.71 ng/ml



#43 AR-1268-3

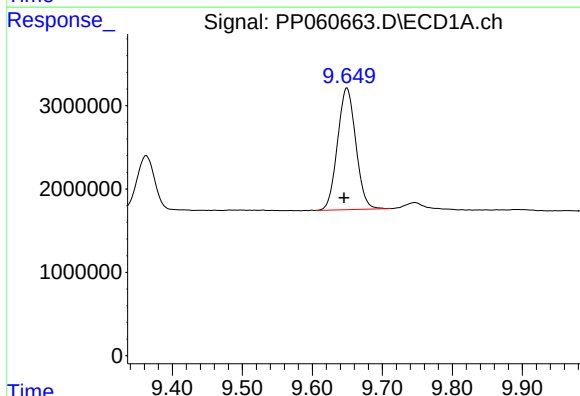
R.T.: 9.198 min
Delta R.T.: 0.002 min
Response: 1368936
Conc: 6.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



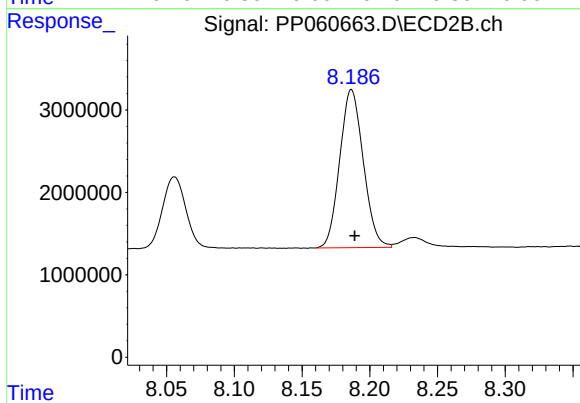
#43 AR-1268-3

R.T.: 7.897 min
Delta R.T.: -0.003 min
Response: 1107386
Conc: 5.18 ng/ml



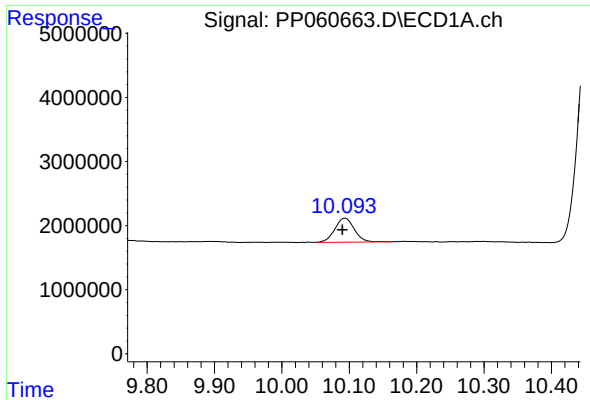
#44 AR-1268-4

R.T.: 9.650 min
Delta R.T.: 0.004 min
Response: 26508241
Conc: 286.94 ng/ml



#44 AR-1268-4

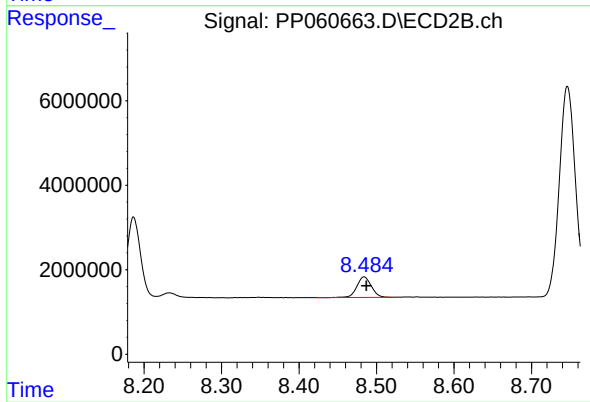
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 23218874
Conc: 264.64 ng/ml



#45 AR-1268-5

R.T.: 10.093 min
Delta R.T.: 0.003 min
Response: 7517776
Conc: 11.87 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.484 min
Delta R.T.: -0.003 min
Response: 6349918
Conc: 10.16 ng/ml