

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100923\
 Data File : PP060744.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 09 Oct 2023 10:55
 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 09 12:28:27 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...	4.531	3.682	112.7E6	75757728	50.312	50.895
2)	SA Decachlor...	10.465	8.747	86962983	76771577	49.256	47.065
Target Compounds							
3)	L1 AR-1016-1	5.719	4.780	36584445	28349497	497.039	487.862
4)	L1 AR-1016-2	5.742	4.800	51549744	38726273	492.201	481.039
5)	L1 AR-1016-3	5.805	4.977	32424042	21681026	496.112	485.115
6)	L1 AR-1016-4	5.905	5.020	27075989	16943076	497.908	470.854
7)	L1 AR-1016-5	6.204	5.234	26993304	22001303	485.293	452.795
8)	L2 AR-1221-1	4.739	3.898	4856264	3553154	168.113	170.088
9)	L2 AR-1221-2	4.830	3.985	6568094	4574243	307.423	306.772
10)	L2 AR-1221-3	4.908	4.062	21756022	15531568	358.248	353.571
11)	L3 AR-1232-1	4.908f	4.062	21756022	15531568	432.198	426.815
12)	L3 AR-1232-2	5.447f	4.800	28973845	38726273	1058.104	1061.914
13)	L3 AR-1232-3	5.742f	4.977	51549744	21681026	1110.574	1083.225
14)	L3 AR-1232-4	5.905f	5.062	27075989	21009467	1101.563	1125.654
15)	L3 AR-1232-5	5.997f	5.234	24036263	22001303	1159.958	1057.787
16)	L4 AR-1242-1	5.719	4.780	36584445	28349497	572.462	559.967
17)	L4 AR-1242-2	5.742	4.800	51549744	38726273	569.319	557.659
18)	L4 AR-1242-3	5.805	4.977	32424042	21681026	575.909	562.987
19)	L4 AR-1242-4	5.905	5.062	27075989	21009467	579.712	533.467
20)	L4 AR-1242-5	6.652	5.590	8317955	22169127	165.380	453.197 #
21)	L5 AR-1248-1	5.719	4.780	36584445	28349497	786.349	776.834
22)	L5 AR-1248-2	5.997	5.020	24036263	16943076	346.667	324.134
23)	L5 AR-1248-3	6.204	5.062	26993304	21009467	355.411	378.384
24)	L5 AR-1248-4	6.612	5.234	9333667	22001303	112.854	334.228 #
25)	L5 AR-1248-5	6.652	5.631	8317955	5586497	103.350	86.852
26)	L6 AR-1254-1	6.586	5.590	24057485	22169127	281.901	224.114
27)	L6 AR-1254-2	6.807	5.738	20725784	16126057	162.394	187.637
28)	L6 AR-1254-3	7.178	6.161	10219403	31509345	76.886	219.843 #
29)	L6 AR-1254-4	7.467	6.374	6819106	2341824	69.343	26.867 #
30)	L6 AR-1254-5	7.888	6.794	67810366	60667147	625.885	478.749
31)	L7 AR-1260-1	7.344	6.276	49911786	45948739	476.145	457.769
32)	L7 AR-1260-2	7.603	6.465	57720019	55010404	477.395	461.092
33)	L7 AR-1260-3	7.966	6.620	45839908	52823020	494.549	461.359
34)	L7 AR-1260-4	8.198	7.095	52729489	44459234	497.210	467.098
35)	L7 AR-1260-5	8.533	7.338	94016472	101.2E6	485.820	466.865
36)	L8 AR-1262-1	7.966	6.887	45839908	23713307	367.497	442.847
37)	L8 AR-1262-2	8.533	7.095	94016472	44459234	448.802	376.932
38)	L8 AR-1262-3	8.876f	7.624	63331307	22701552	418.478	246.197 #
39)	L8 AR-1262-4	8.956	7.687	17626549	70918401	147.285	420.976 #
40)	L8 AR-1262-5	9.654	8.187	25237310	24509647	315.214	316.358
41)	L9 AR-1268-1	8.876f	7.624	63331307	22701552	238.716	83.516 #

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 Misc :
 ALS Vial : 3 Sample Multiplier: 1

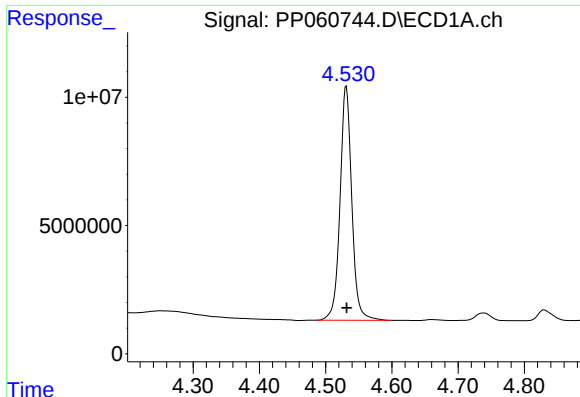
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 09 12:28:27 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	8.956	7.687	17626549	70918401	72.318	290.799 #
43) L9	AR-1268-3	9.202	7.898	2407945	1192804	11.513	5.577 #
44) L9	AR-1268-4	9.654	8.187	25237310	24509647	273.182	279.350
45) L9	AR-1268-5	10.100	8.485	7552339	6973996	11.929	11.158

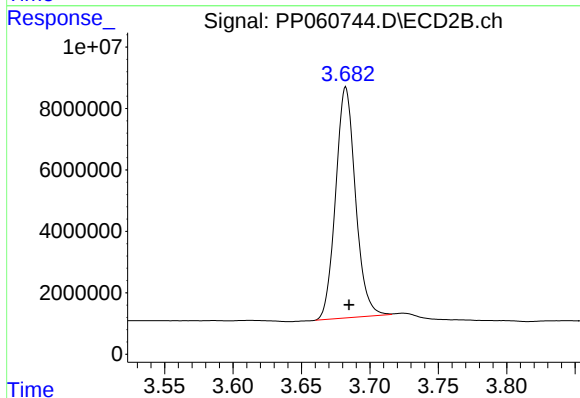
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

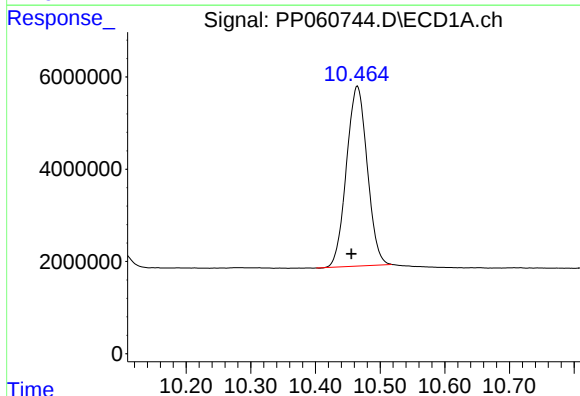
R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 112673308
Conc: 50.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



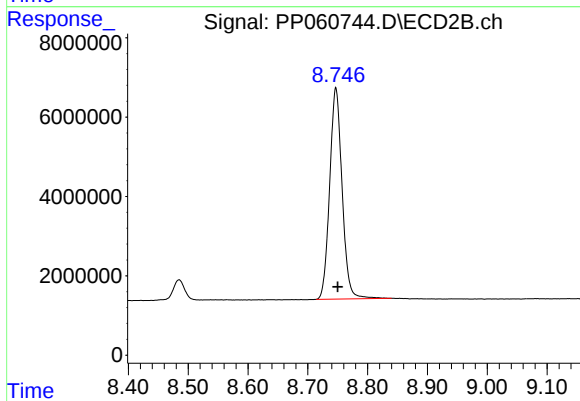
#1 Tetrachloro-m-xylene

R.T.: 3.682 min
Delta R.T.: -0.002 min
Response: 75757728
Conc: 50.90 ng/ml



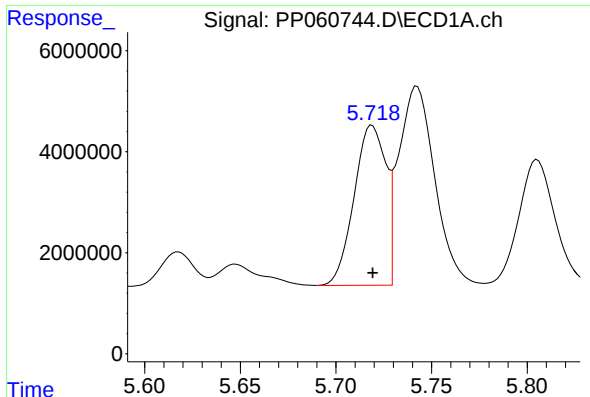
#2 Decachlorobiphenyl

R.T.: 10.465 min
Delta R.T.: 0.009 min
Response: 86962983
Conc: 49.26 ng/ml



#2 Decachlorobiphenyl

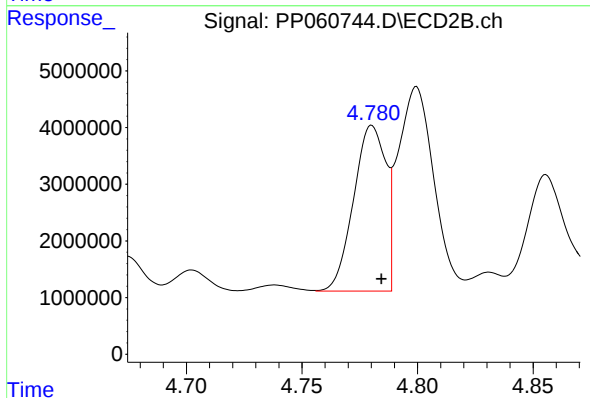
R.T.: 8.747 min
Delta R.T.: -0.003 min
Response: 76771577
Conc: 47.06 ng/ml



#3 AR-1016-1

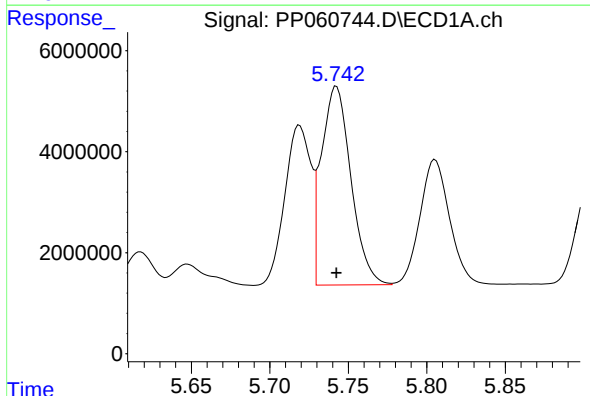
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 36584445
Conc: 497.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



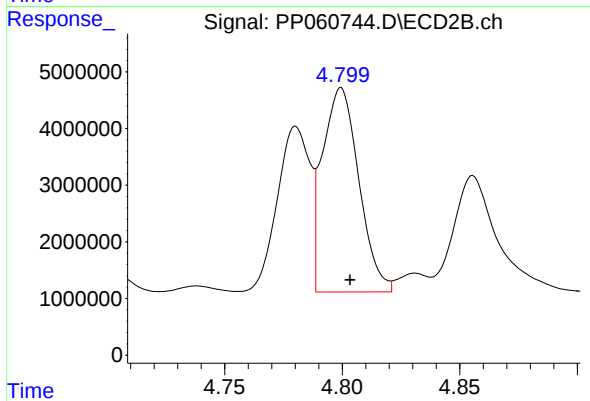
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 28349497
Conc: 487.86 ng/ml



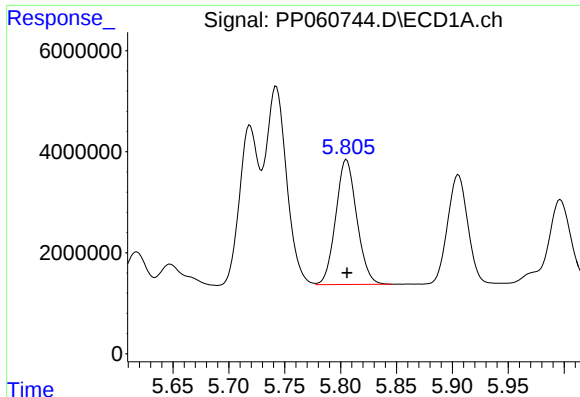
#4 AR-1016-2

R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 51549744
Conc: 492.20 ng/ml



#4 AR-1016-2

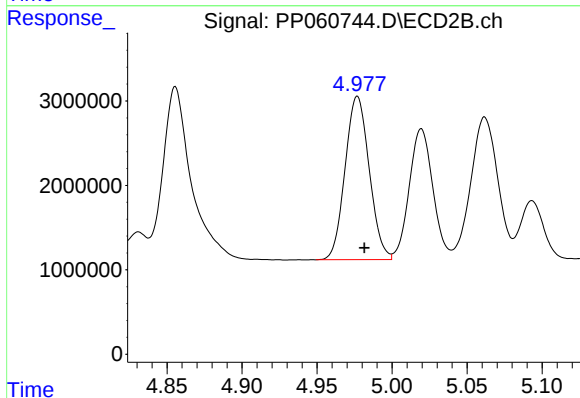
R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 38726273
Conc: 481.04 ng/ml



#5 AR-1016-3

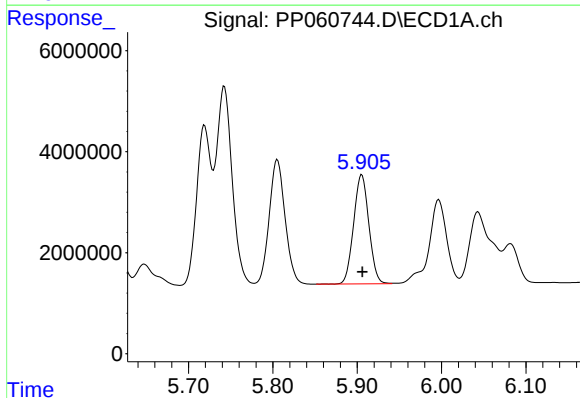
R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 32424042
Conc: 496.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



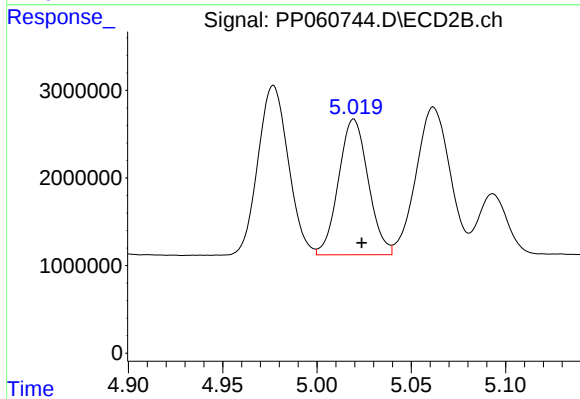
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 21681026
Conc: 485.11 ng/ml



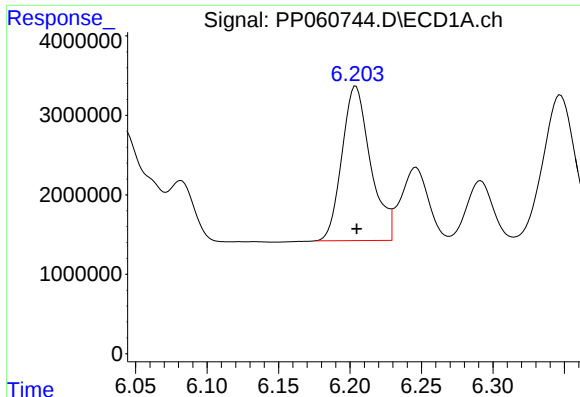
#6 AR-1016-4

R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 27075989
Conc: 497.91 ng/ml



#6 AR-1016-4

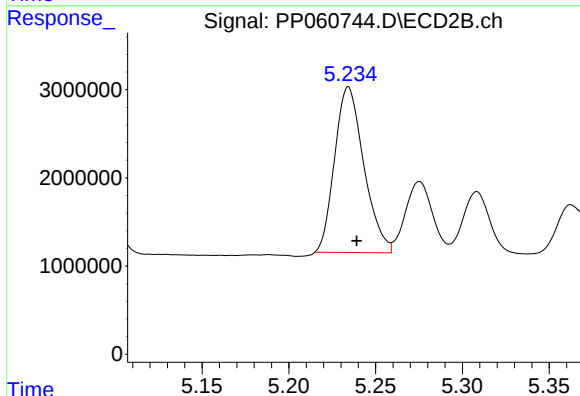
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16943076
Conc: 470.85 ng/ml



#7 AR-1016-5

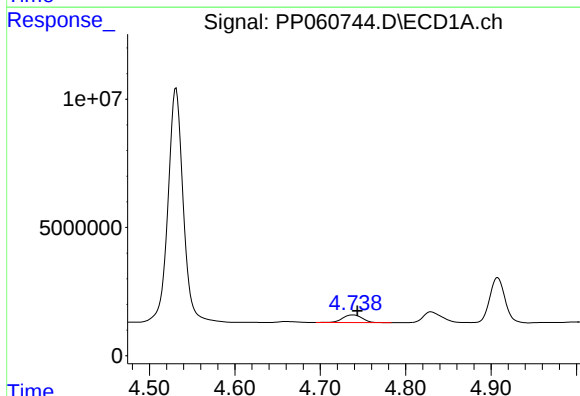
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 26993304
Conc: 485.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



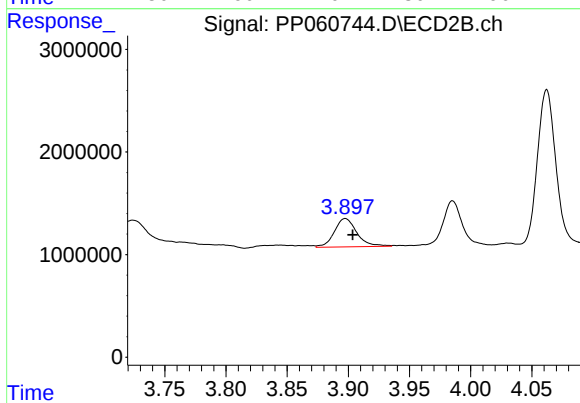
#7 AR-1016-5

R.T.: 5.234 min
Delta R.T.: -0.005 min
Response: 22001303
Conc: 452.80 ng/ml



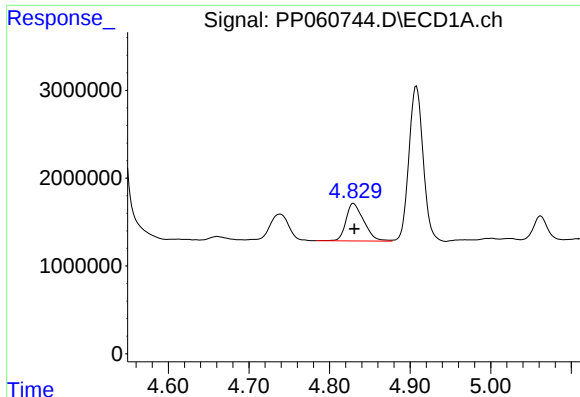
#8 AR-1221-1

R.T.: 4.739 min
Delta R.T.: -0.005 min
Response: 4856264
Conc: 168.11 ng/ml



#8 AR-1221-1

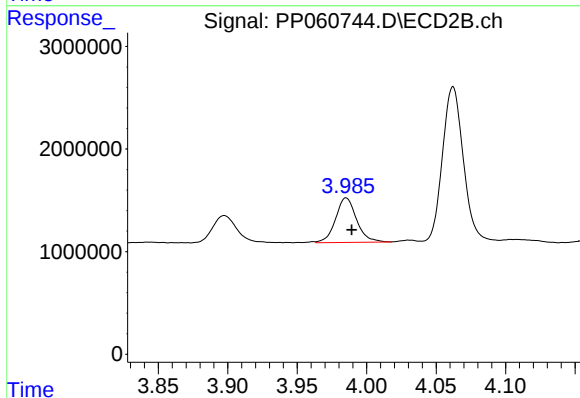
R.T.: 3.898 min
Delta R.T.: -0.006 min
Response: 3553154
Conc: 170.09 ng/ml



#9 AR-1221-2

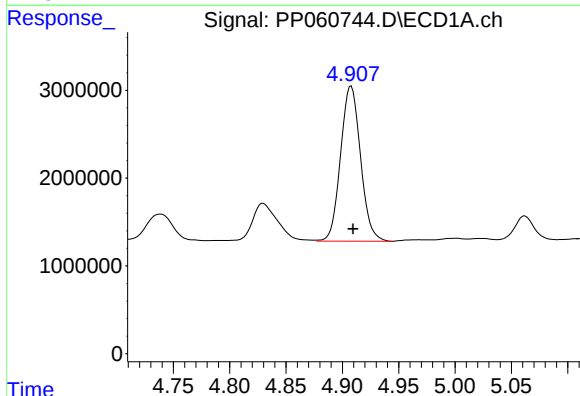
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 6568094
Conc: 307.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



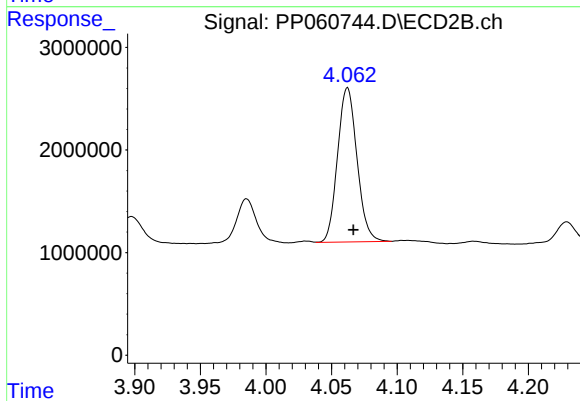
#9 AR-1221-2

R.T.: 3.985 min
Delta R.T.: -0.004 min
Response: 4574243
Conc: 306.77 ng/ml



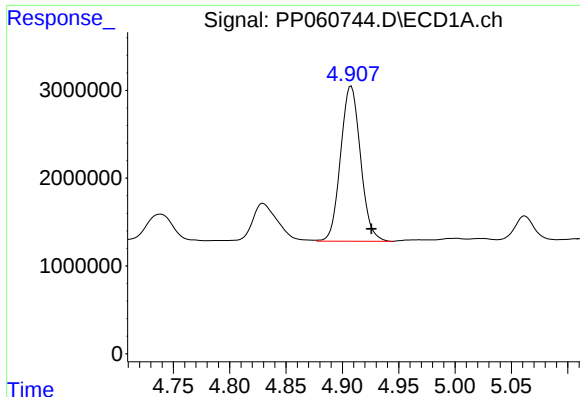
#10 AR-1221-3

R.T.: 4.908 min
Delta R.T.: -0.002 min
Response: 21756022
Conc: 358.25 ng/ml



#10 AR-1221-3

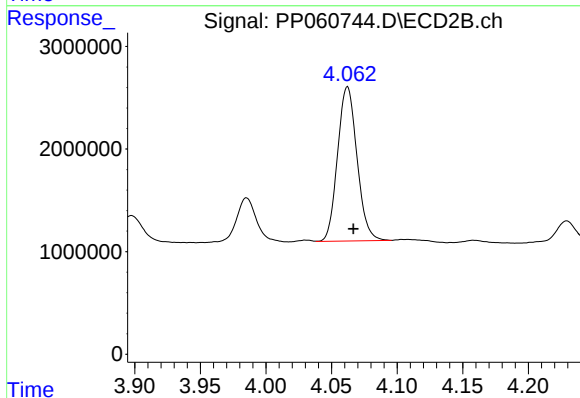
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 15531568
Conc: 353.57 ng/ml



#11 AR-1232-1

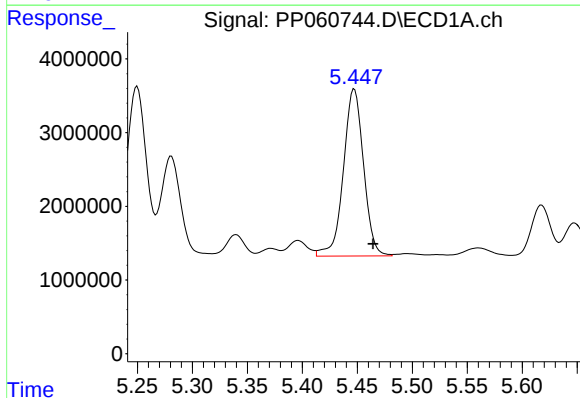
R.T.: 4.908 min
Delta R.T.: -0.018 min
Response: 21756022
Conc: 432.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



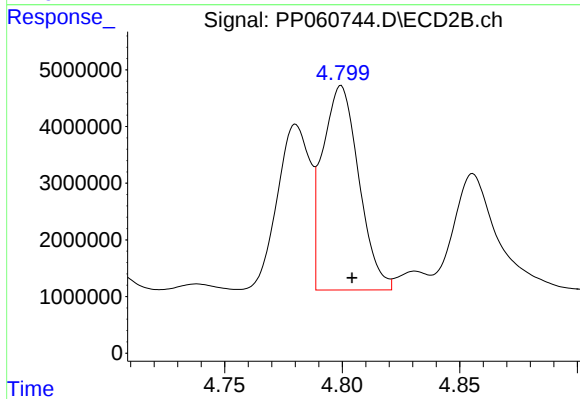
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 15531568
Conc: 426.81 ng/ml



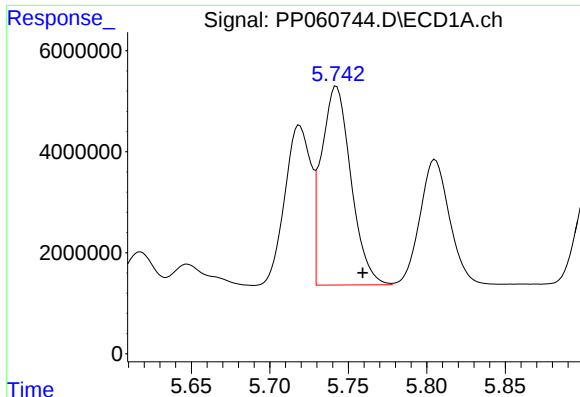
#12 AR-1232-2

R.T.: 5.447 min
Delta R.T.: -0.017 min
Response: 28973845
Conc: 1058.10 ng/ml



#12 AR-1232-2

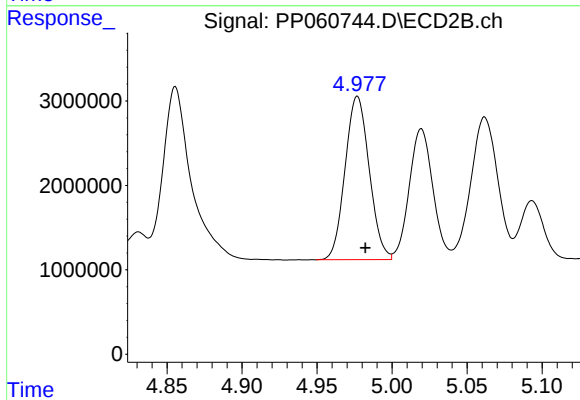
R.T.: 4.800 min
Delta R.T.: -0.005 min
Response: 38726273
Conc: 1061.91 ng/ml



#13 AR-1232-3

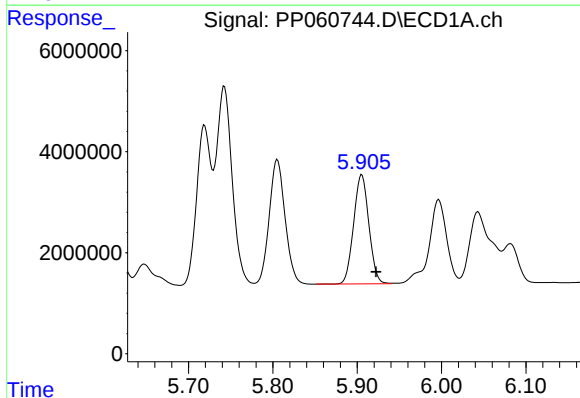
R.T.: 5.742 min
Delta R.T.: -0.017 min
Response: 51549744
Conc: 1110.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



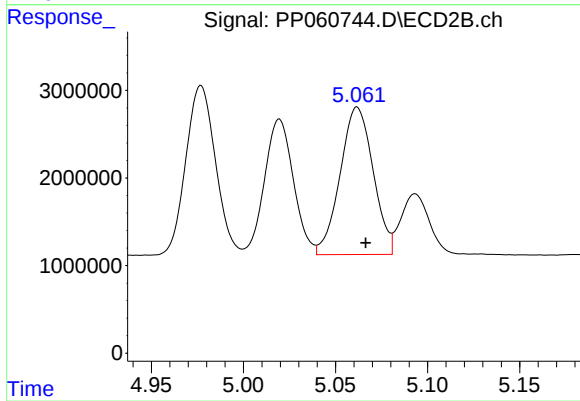
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 21681026
Conc: 1083.22 ng/ml



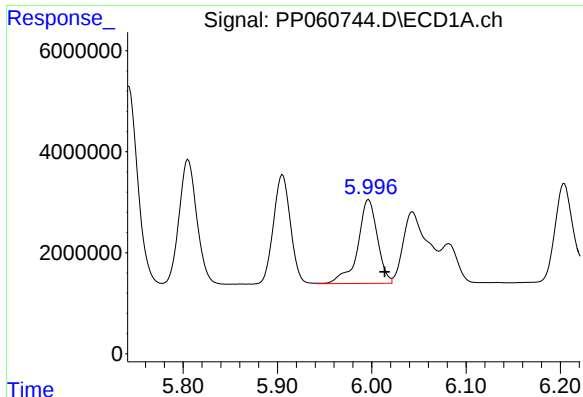
#14 AR-1232-4

R.T.: 5.905 min
Delta R.T.: -0.017 min
Response: 27075989
Conc: 1101.56 ng/ml



#14 AR-1232-4

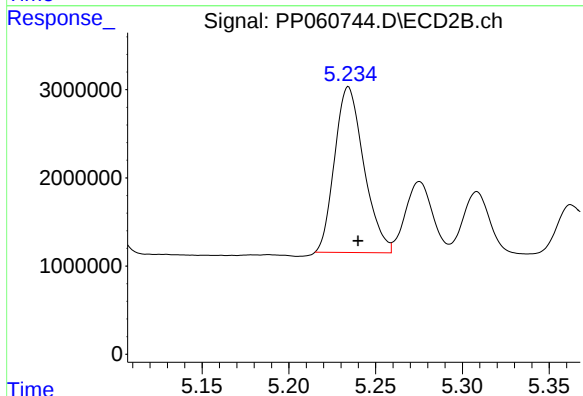
R.T.: 5.062 min
Delta R.T.: -0.005 min
Response: 21009467
Conc: 1125.65 ng/ml



#15 AR-1232-5

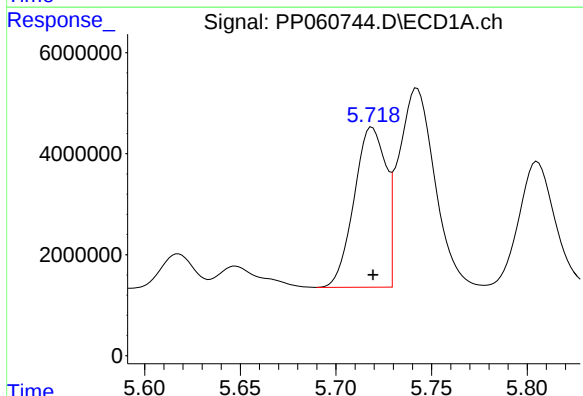
R.T.: 5.997 min
Delta R.T.: -0.017 min
Response: 24036263
Conc: 1159.96 ng/ml

Instrument :
ECD_P
ClientSampleId :



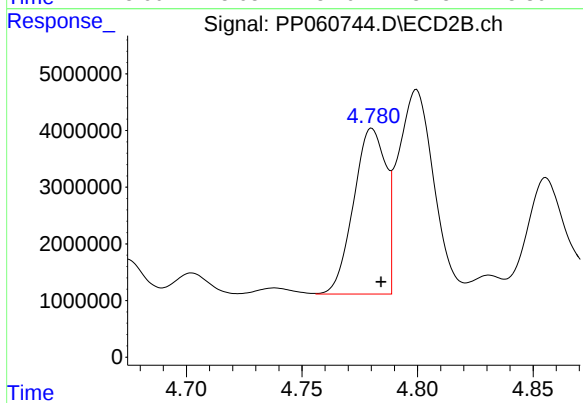
#15 AR-1232-5

R.T.: 5.234 min
Delta R.T.: -0.006 min
Response: 22001303
Conc: 1057.79 ng/ml



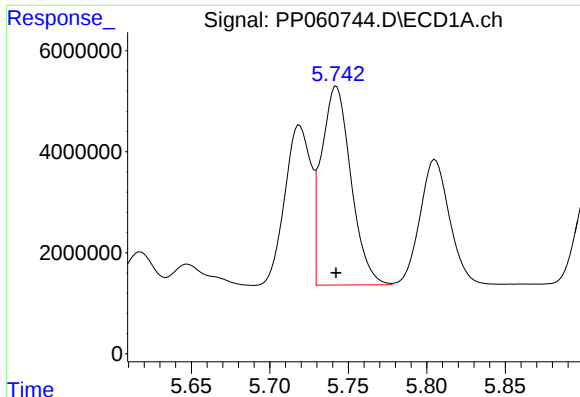
#16 AR-1242-1

R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 36584445
Conc: 572.46 ng/ml



#16 AR-1242-1

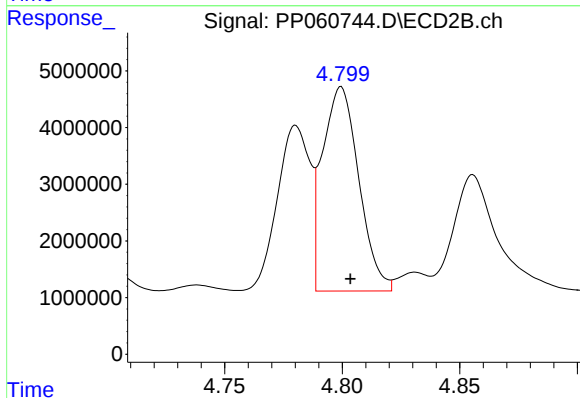
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 28349497
Conc: 559.97 ng/ml



#17 AR-1242-2

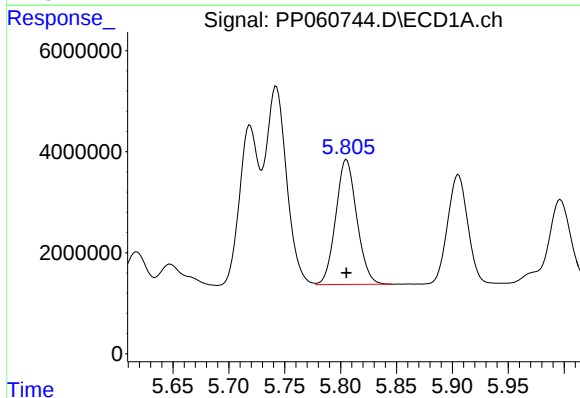
R.T.: 5.742 min
Delta R.T.: 0.000 min
Response: 51549744
Conc: 569.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



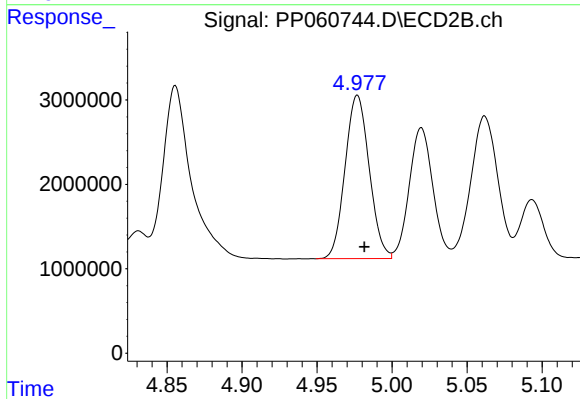
#17 AR-1242-2

R.T.: 4.800 min
Delta R.T.: -0.004 min
Response: 38726273
Conc: 557.66 ng/ml



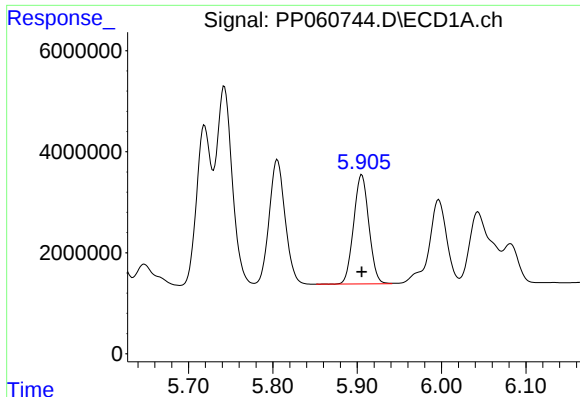
#18 AR-1242-3

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 32424042
Conc: 575.91 ng/ml



#18 AR-1242-3

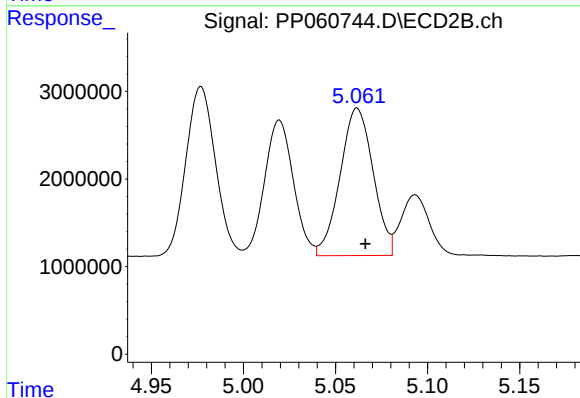
R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 21681026
Conc: 562.99 ng/ml



#19 AR-1242-4

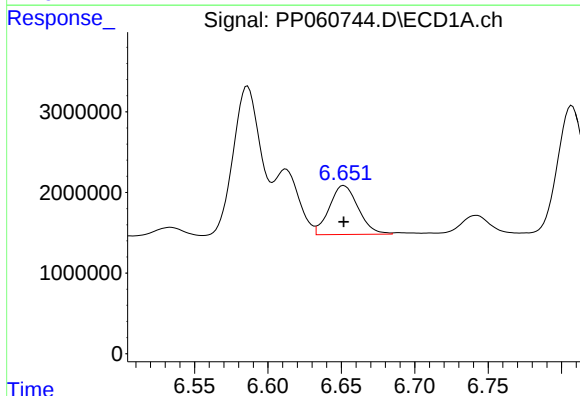
R.T.: 5.905 min
Delta R.T.: 0.000 min
Response: 27075989
Conc: 579.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



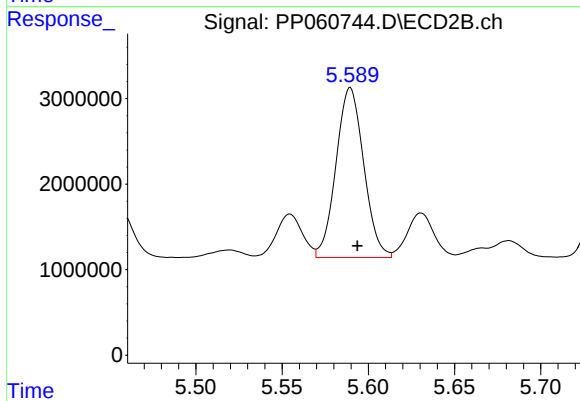
#19 AR-1242-4

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 21009467
Conc: 533.47 ng/ml



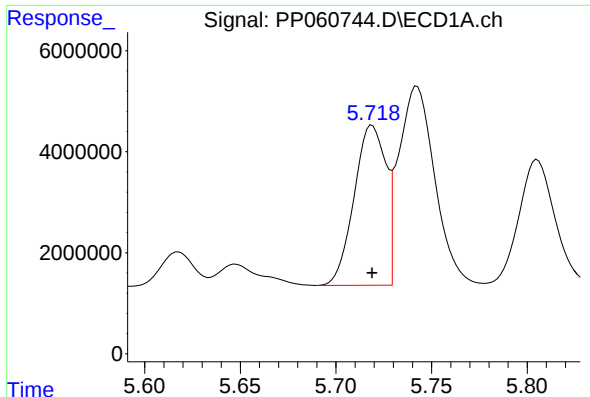
#20 AR-1242-5

R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8317955
Conc: 165.38 ng/ml



#20 AR-1242-5

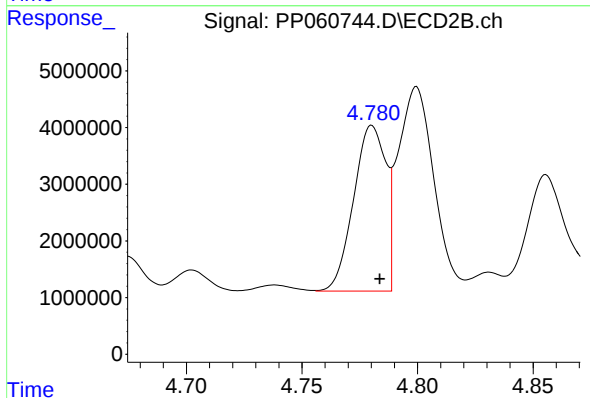
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 22169127
Conc: 453.20 ng/ml



#21 AR-1248-1

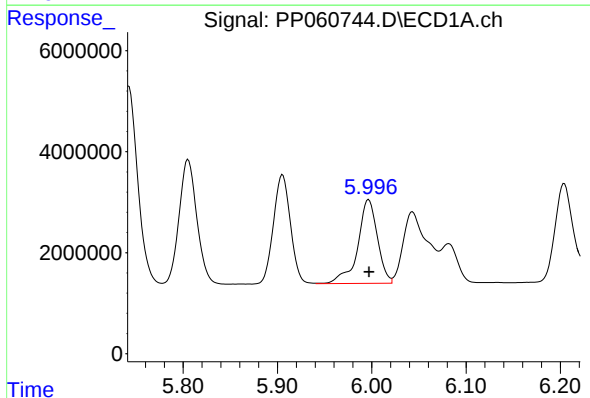
R.T.: 5.719 min
Delta R.T.: 0.000 min
Response: 36584445
Conc: 786.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



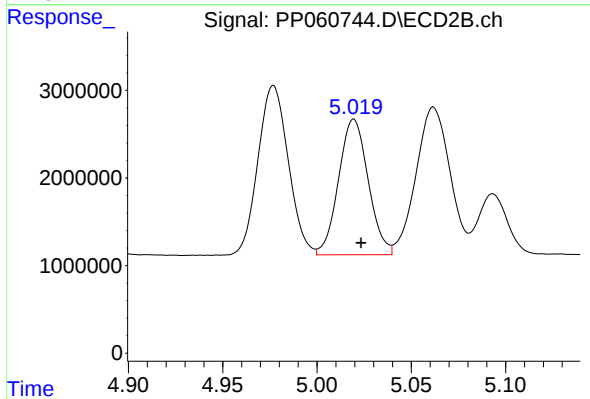
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 28349497
Conc: 776.83 ng/ml



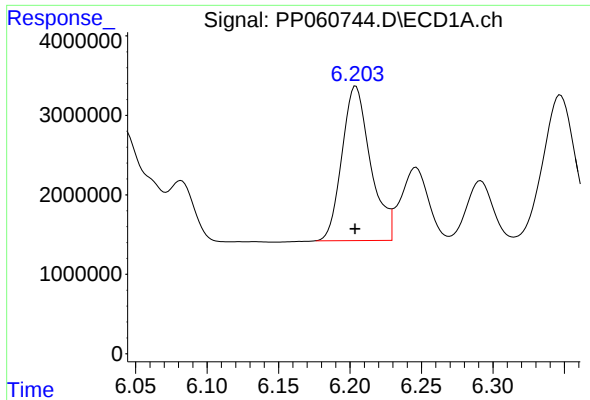
#22 AR-1248-2

R.T.: 5.997 min
Delta R.T.: 0.000 min
Response: 24036263
Conc: 346.67 ng/ml



#22 AR-1248-2

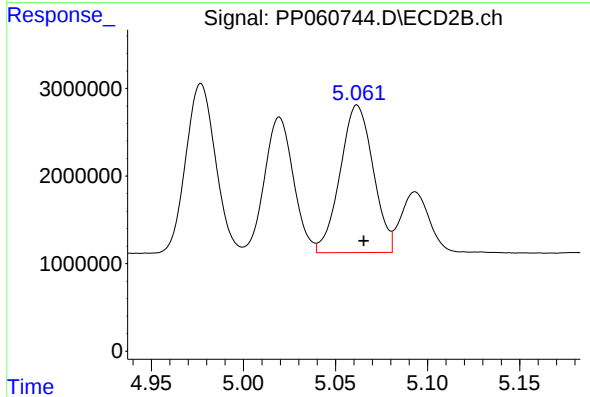
R.T.: 5.020 min
Delta R.T.: -0.004 min
Response: 16943076
Conc: 324.13 ng/ml



#23 AR-1248-3

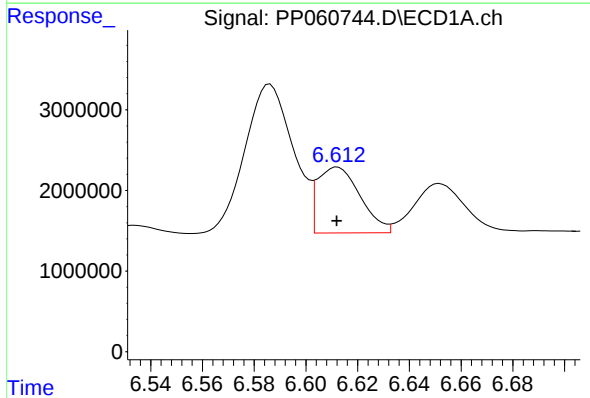
R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 26993304
Conc: 355.41 ng/ml

Instrument :
ECD_P
ClientSampleId :



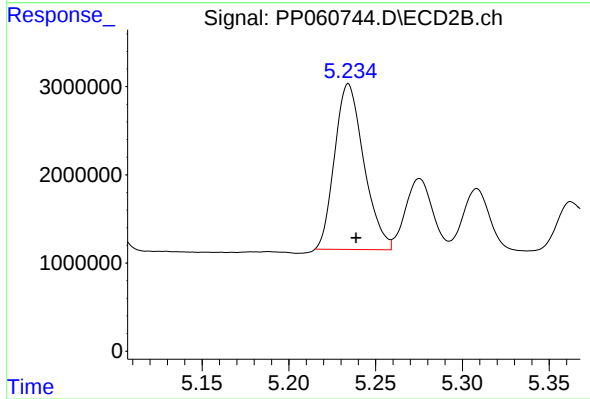
#23 AR-1248-3

R.T.: 5.062 min
Delta R.T.: -0.004 min
Response: 21009467
Conc: 378.38 ng/ml



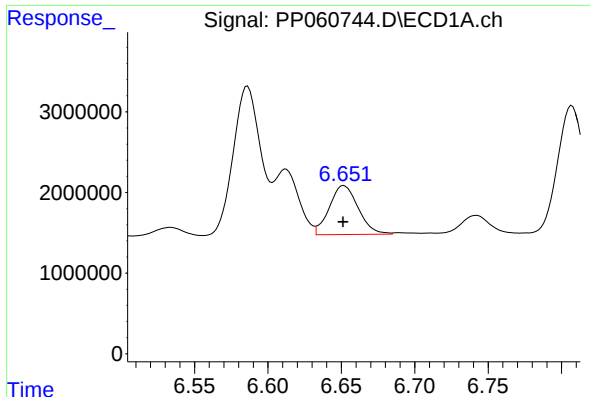
#24 AR-1248-4

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 9333667
Conc: 112.85 ng/ml



#24 AR-1248-4

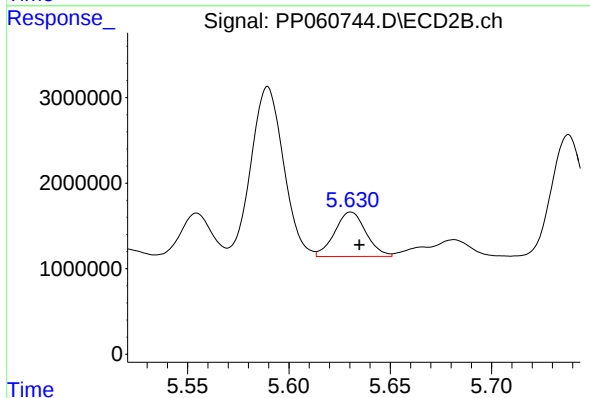
R.T.: 5.234 min
Delta R.T.: -0.004 min
Response: 22001303
Conc: 334.23 ng/ml



#25 AR-1248-5

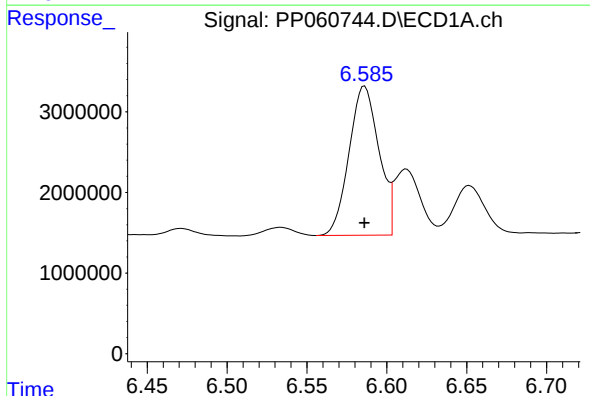
R.T.: 6.652 min
Delta R.T.: 0.000 min
Response: 8317955
Conc: 103.35 ng/ml

Instrument :
ECD_P
ClientSampleId :



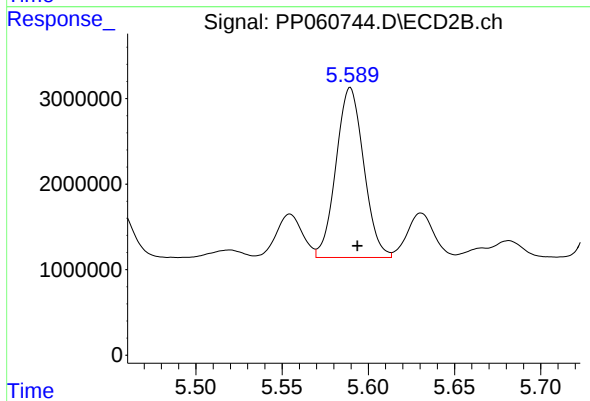
#25 AR-1248-5

R.T.: 5.631 min
Delta R.T.: -0.004 min
Response: 5586497
Conc: 86.85 ng/ml



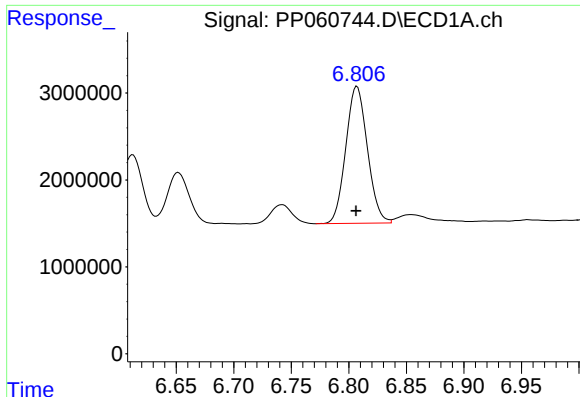
#26 AR-1254-1

R.T.: 6.586 min
Delta R.T.: 0.000 min
Response: 24057485
Conc: 281.90 ng/ml



#26 AR-1254-1

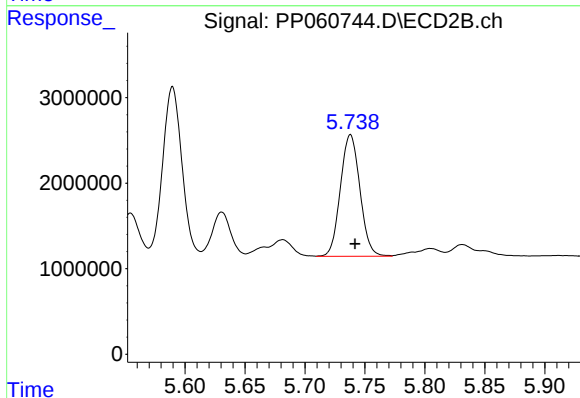
R.T.: 5.590 min
Delta R.T.: -0.004 min
Response: 22169127
Conc: 224.11 ng/ml



#27 AR-1254-2

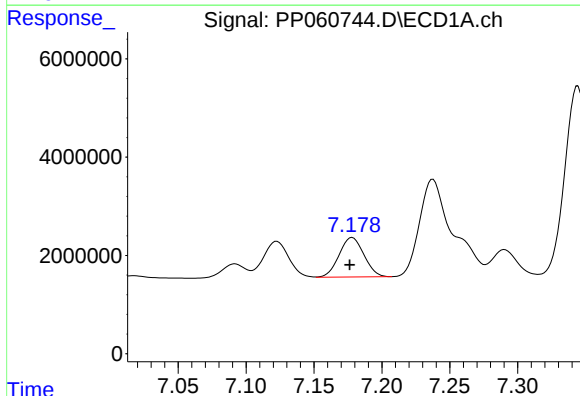
R.T.: 6.807 min
Delta R.T.: 0.000 min
Response: 20725784
Conc: 162.39 ng/ml

Instrument :
ECD_P
ClientSampleId :



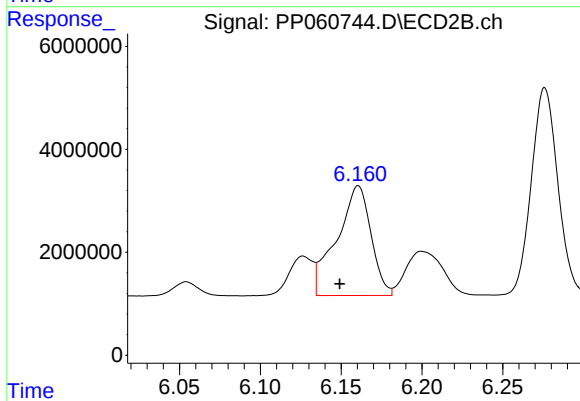
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 16126057
Conc: 187.64 ng/ml



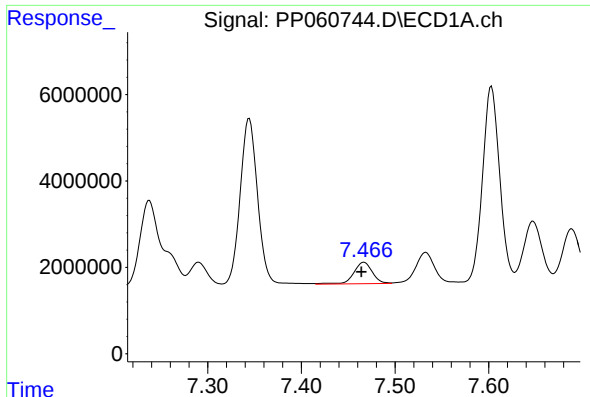
#28 AR-1254-3

R.T.: 7.178 min
Delta R.T.: 0.002 min
Response: 10219403
Conc: 76.89 ng/ml



#28 AR-1254-3

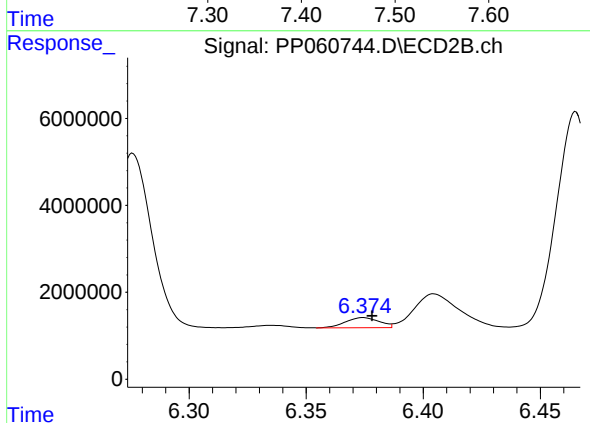
R.T.: 6.161 min
Delta R.T.: 0.011 min
Response: 31509345
Conc: 219.84 ng/ml



#29 AR-1254-4

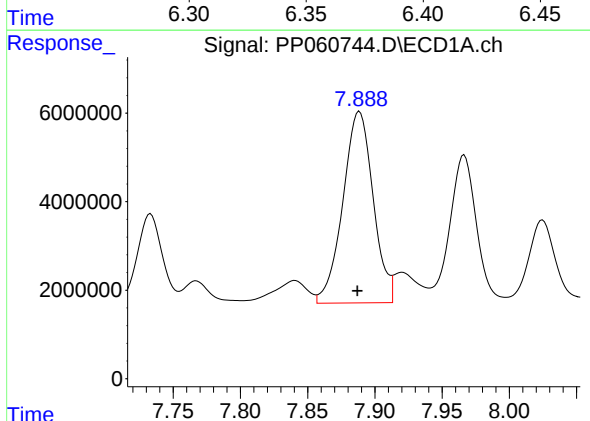
R.T.: 7.467 min
Delta R.T.: 0.003 min
Response: 6819106
Conc: 69.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



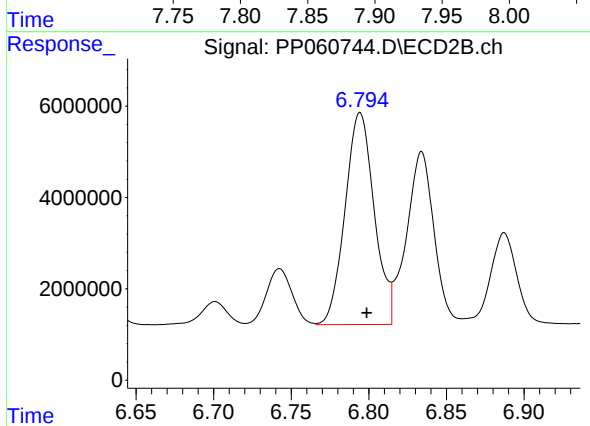
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.004 min
Response: 2341824
Conc: 26.87 ng/ml



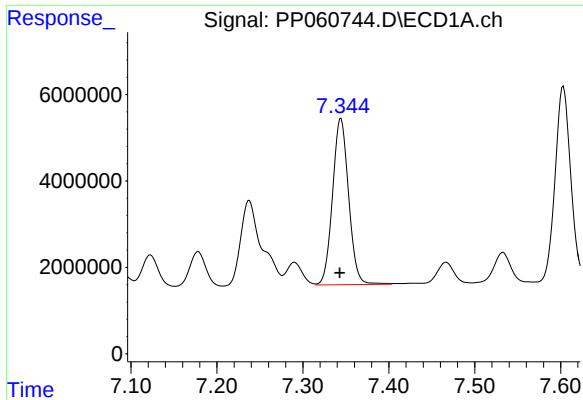
#30 AR-1254-5

R.T.: 7.888 min
Delta R.T.: 0.001 min
Response: 67810366
Conc: 625.88 ng/ml



#30 AR-1254-5

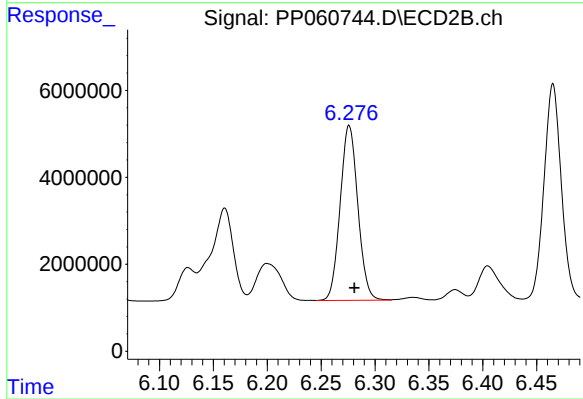
R.T.: 6.794 min
Delta R.T.: -0.004 min
Response: 60667147
Conc: 478.75 ng/ml



#31 AR-1260-1

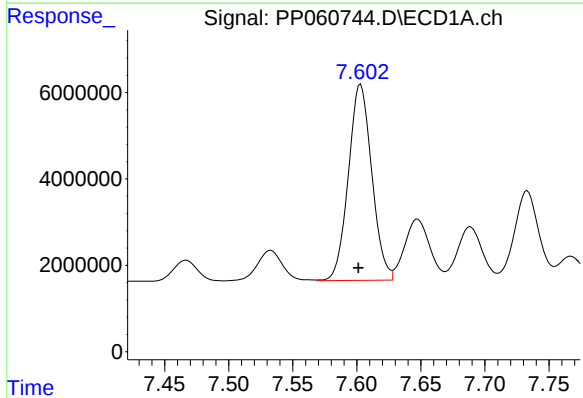
R.T.: 7.344 min
Delta R.T.: 0.002 min
Response: 49911786
Conc: 476.14 ng/ml

Instrument :
ECD_P
ClientSampleId :



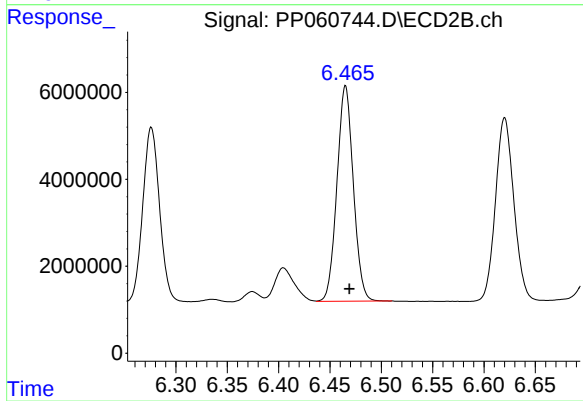
#31 AR-1260-1

R.T.: 6.276 min
Delta R.T.: -0.005 min
Response: 45948739
Conc: 457.77 ng/ml



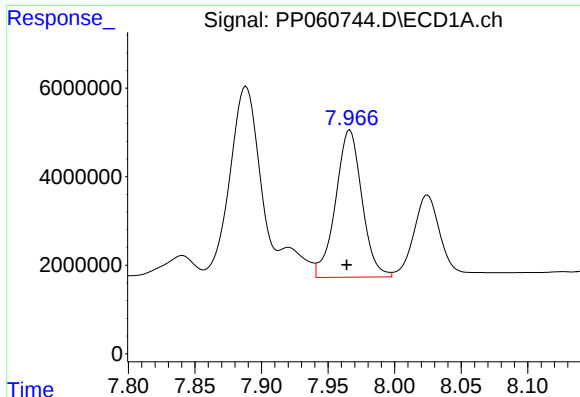
#32 AR-1260-2

R.T.: 7.603 min
Delta R.T.: 0.002 min
Response: 57720019
Conc: 477.40 ng/ml



#32 AR-1260-2

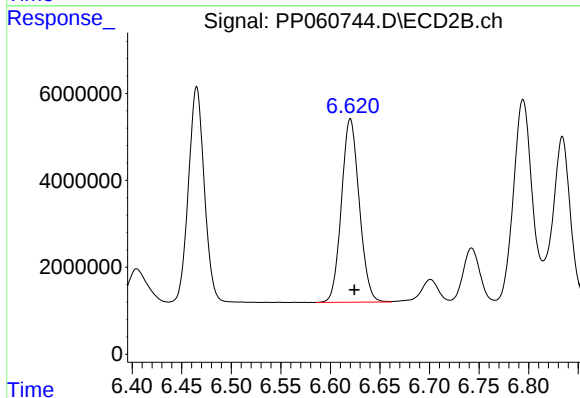
R.T.: 6.465 min
Delta R.T.: -0.004 min
Response: 55010404
Conc: 461.09 ng/ml



#33 AR-1260-3

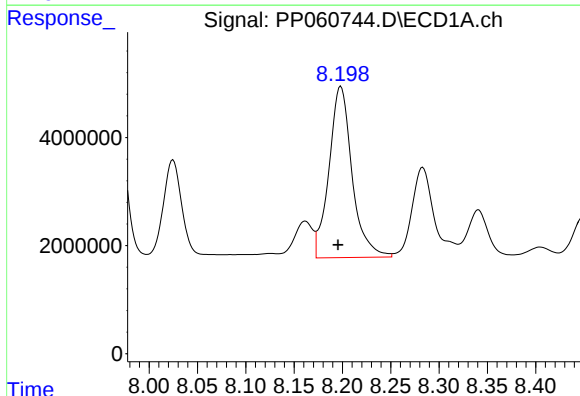
R.T.: 7.966 min
Delta R.T.: 0.002 min
Response: 45839908
Conc: 494.55 ng/ml

Instrument :
ECD_P
ClientSampleId :



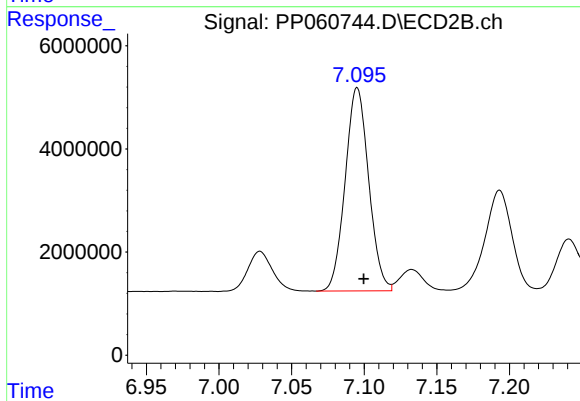
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 52823020
Conc: 461.36 ng/ml



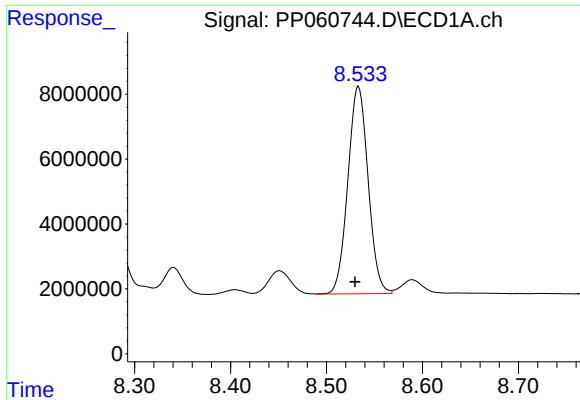
#34 AR-1260-4

R.T.: 8.198 min
Delta R.T.: 0.003 min
Response: 52729489
Conc: 497.21 ng/ml



#34 AR-1260-4

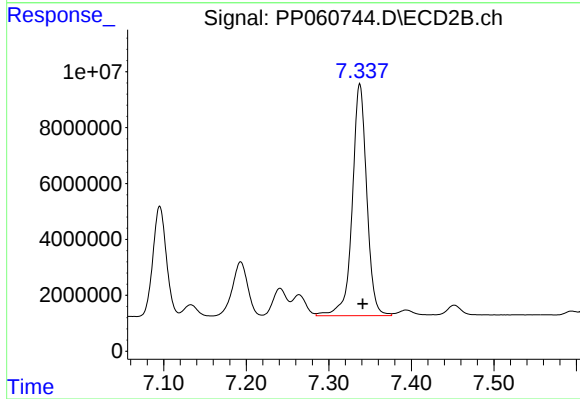
R.T.: 7.095 min
Delta R.T.: -0.004 min
Response: 44459234
Conc: 467.10 ng/ml



#35 AR-1260-5

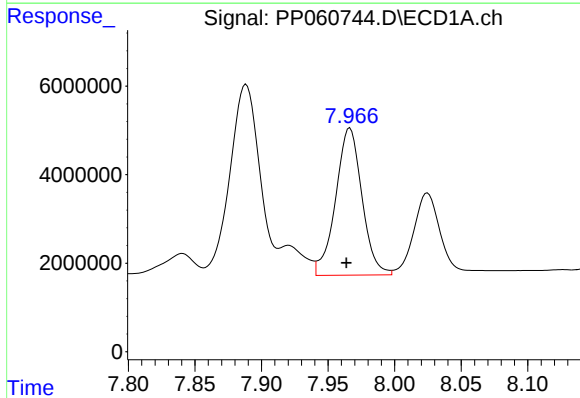
R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 94016472
Conc: 485.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



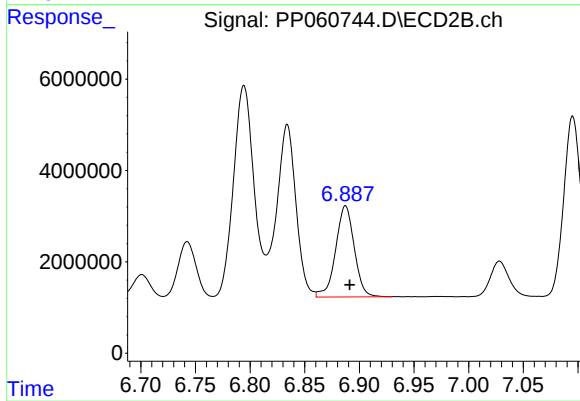
#35 AR-1260-5

R.T.: 7.338 min
Delta R.T.: -0.003 min
Response: 101176030
Conc: 466.86 ng/ml



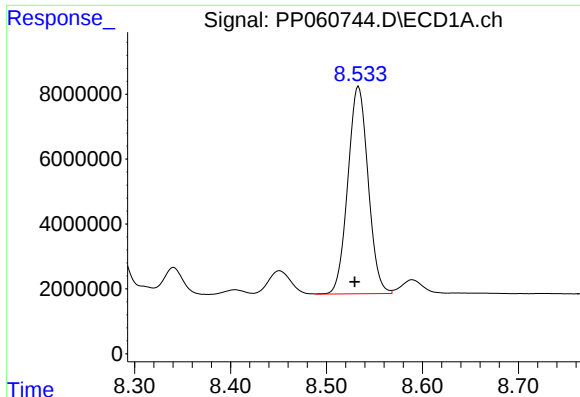
#36 AR-1262-1

R.T.: 7.966 min
Delta R.T.: 0.003 min
Response: 45839908
Conc: 367.50 ng/ml



#36 AR-1262-1

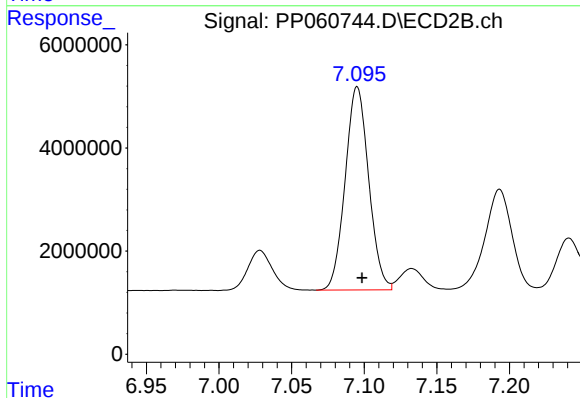
R.T.: 6.887 min
Delta R.T.: -0.004 min
Response: 23713307
Conc: 442.85 ng/ml



#37 AR-1262-2

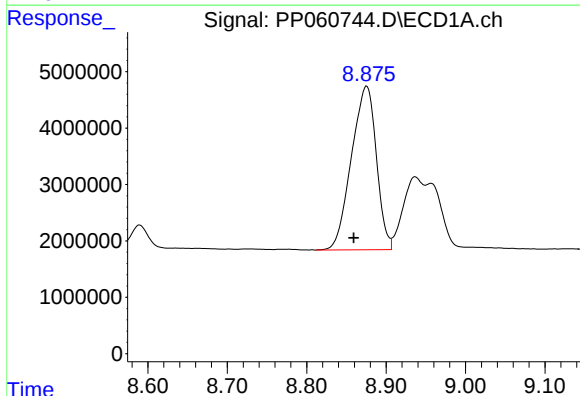
R.T.: 8.533 min
Delta R.T.: 0.004 min
Response: 94016472
Conc: 448.80 ng/ml

Instrument :
ECD_P
ClientSampleId :



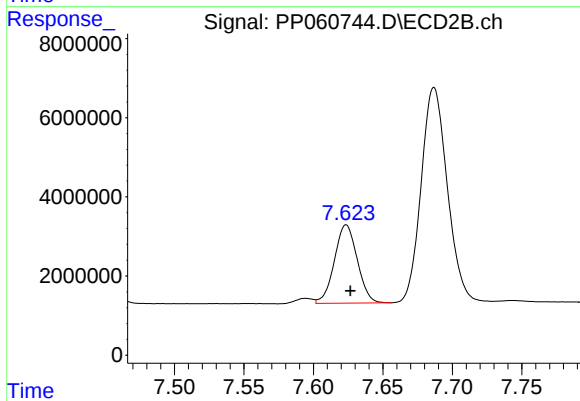
#37 AR-1262-2

R.T.: 7.095 min
Delta R.T.: -0.003 min
Response: 44459234
Conc: 376.93 ng/ml



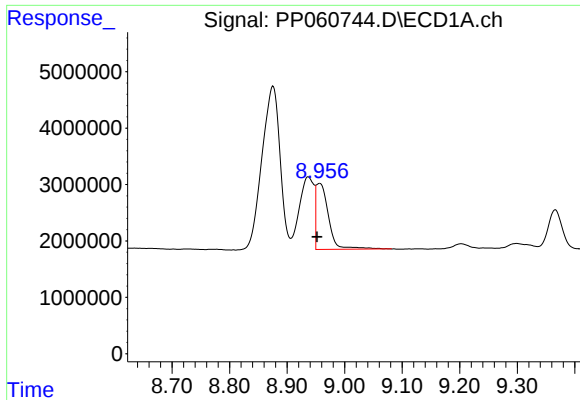
#38 AR-1262-3

R.T.: 8.876 min
Delta R.T.: 0.016 min
Response: 63331307
Conc: 418.48 ng/ml



#38 AR-1262-3

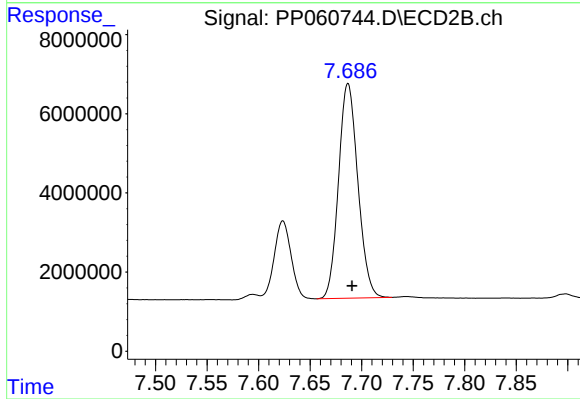
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 22701552
Conc: 246.20 ng/ml



#39 AR-1262-4

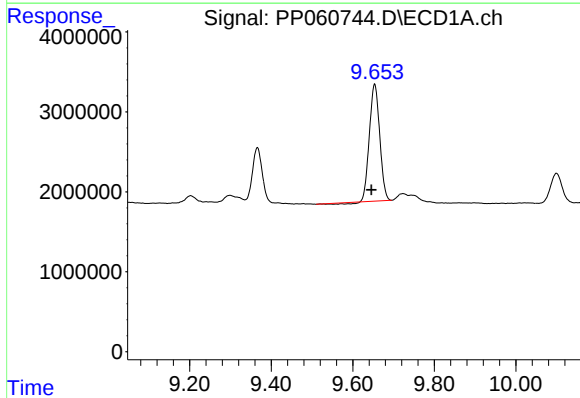
R.T.: 8.956 min
Delta R.T.: 0.004 min
Response: 17626549
Conc: 147.29 ng/ml

Instrument :
ECD_P
ClientSampleId :



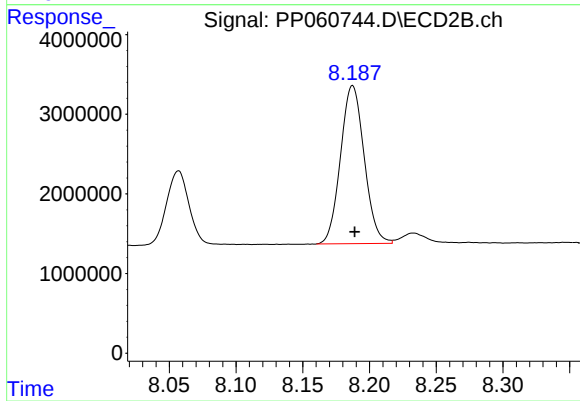
#39 AR-1262-4

R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 70918401
Conc: 420.98 ng/ml



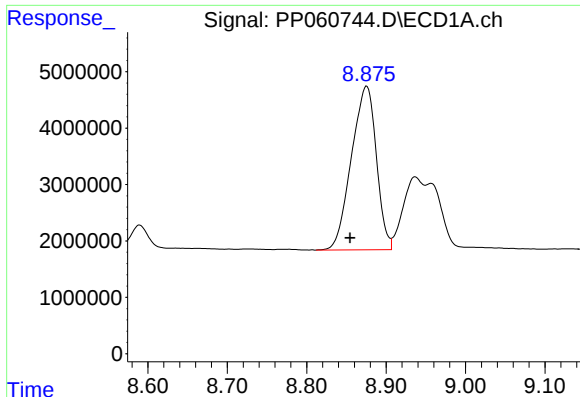
#40 AR-1262-5

R.T.: 9.654 min
Delta R.T.: 0.008 min
Response: 25237310
Conc: 315.21 ng/ml



#40 AR-1262-5

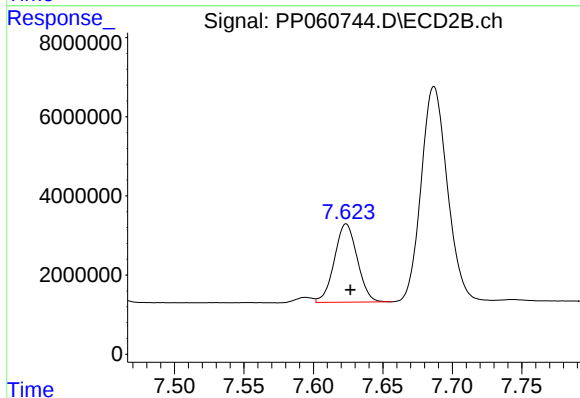
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 24509647
Conc: 316.36 ng/ml



#41 AR-1268-1

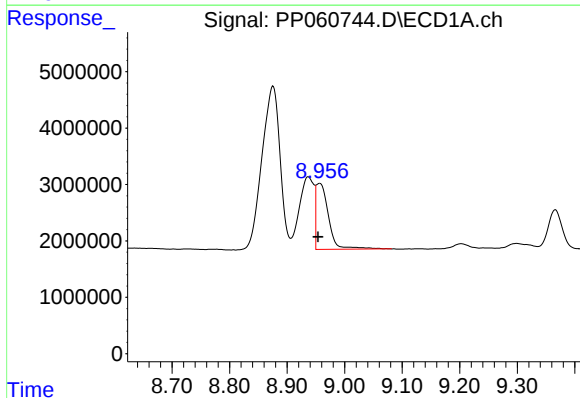
R.T.: 8.876 min
Delta R.T.: 0.021 min
Response: 63331307
Conc: 238.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



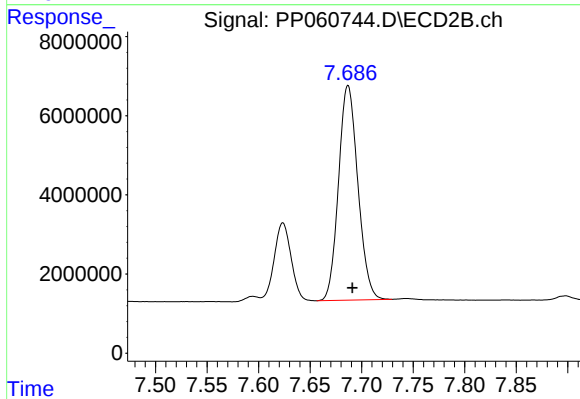
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 22701552
Conc: 83.52 ng/ml



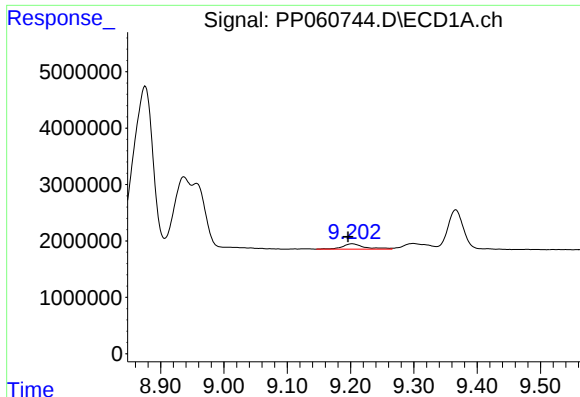
#42 AR-1268-2

R.T.: 8.956 min
Delta R.T.: 0.002 min
Response: 17626549
Conc: 72.32 ng/ml



#42 AR-1268-2

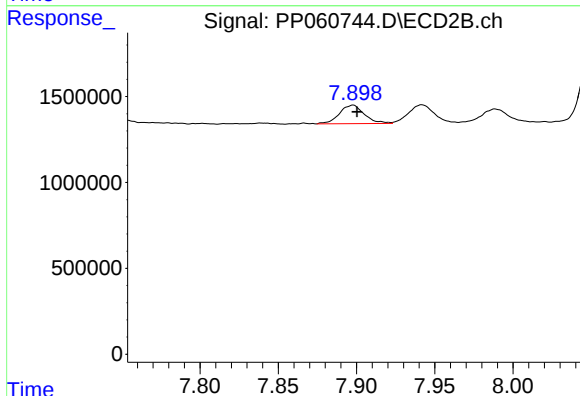
R.T.: 7.687 min
Delta R.T.: -0.004 min
Response: 70918401
Conc: 290.80 ng/ml



#43 AR-1268-3

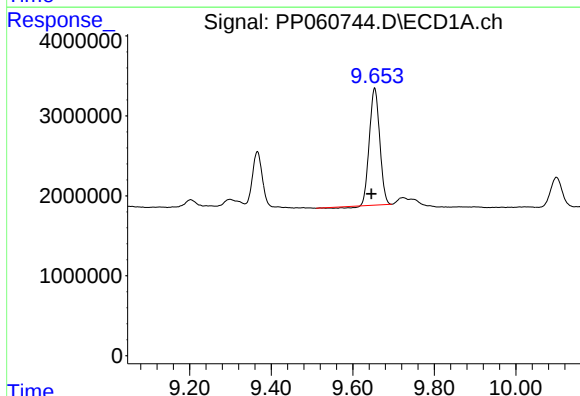
R.T.: 9.202 min
Delta R.T.: 0.006 min
Response: 2407945
Conc: 11.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



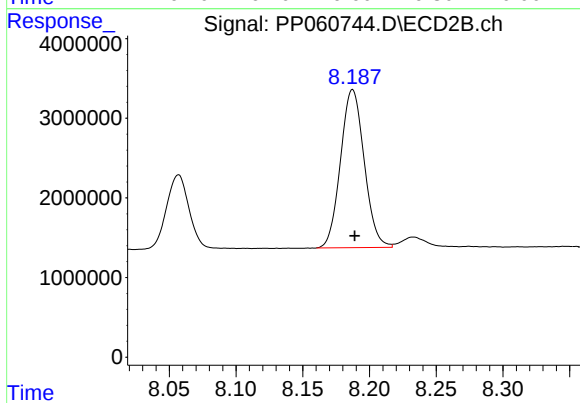
#43 AR-1268-3

R.T.: 7.898 min
Delta R.T.: -0.002 min
Response: 1192804
Conc: 5.58 ng/ml



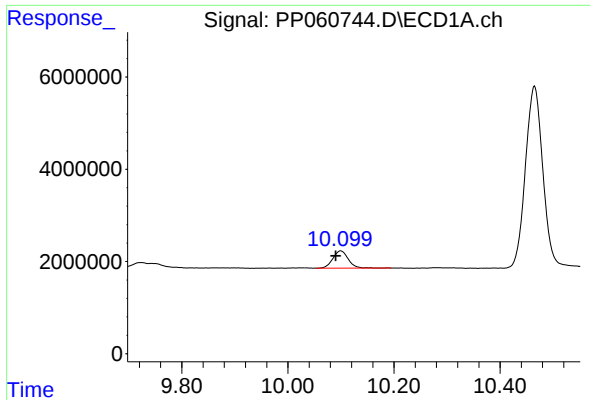
#44 AR-1268-4

R.T.: 9.654 min
Delta R.T.: 0.008 min
Response: 25237310
Conc: 273.18 ng/ml



#44 AR-1268-4

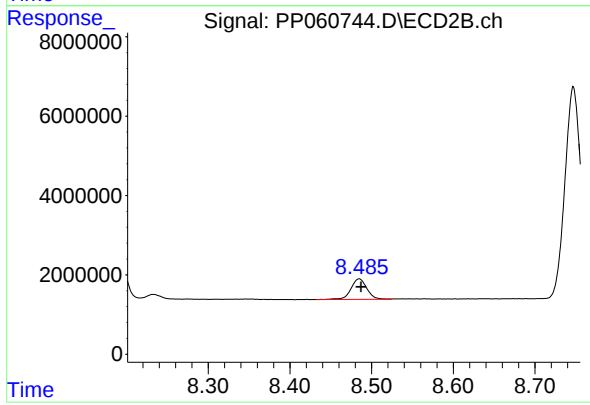
R.T.: 8.187 min
Delta R.T.: -0.002 min
Response: 24509647
Conc: 279.35 ng/ml



#45 AR-1268-5

R.T.: 10.100 min
Delta R.T.: 0.010 min
Response: 7552339
Conc: 11.93 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.485 min
Delta R.T.: -0.002 min
Response: 6973996
Conc: 11.16 ng/ml