

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP102023\
 Data File : PP061123.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Oct 2023 09:42
 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 11:29:03 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...	4.553	3.689	122.2E6	69191047	55.568	51.177
2)	SA Decachlor...	10.518	8.758	91815123	74757165	58.631	49.721
Target Compounds							
3)	L1 AR-1016-1	5.745	4.788	39526600	26076218	550.588	501.039
4)	L1 AR-1016-2	5.768	4.807	56234638	36106154	548.256	504.142
5)	L1 AR-1016-3	5.831	4.985	34637217	20272809	554.283	501.713
6)	L1 AR-1016-4	5.931	5.027	28566212	16221617	559.207	501.500
7)	L1 AR-1016-5	6.231	5.242	27868904	20998211	551.217	502.911
8)	L2 AR-1221-1	4.759	3.905	4142911	2886972	147.492	141.533
9)	L2 AR-1221-2	4.854	3.993	6042718	3977770	290.944	270.781
10)	L2 AR-1221-3	4.932	4.069	21196826	13978260	343.499	333.292
11)	L3 AR-1232-1	4.932	4.069	21196826	13978260	419.009	404.773
12)	L3 AR-1232-2	5.472	4.807	30051318	36106154	1126.663	1091.811
13)	L3 AR-1232-3	5.768	4.985	56234638	20272809	1198.316	1094.014
14)	L3 AR-1232-4	5.931	5.069	28566212	19948660	1220.980	1187.517
15)	L3 AR-1232-5	6.023	5.242	25202230	20998211	1293.182	1117.833
16)	L4 AR-1242-1	5.745	4.788	39526600	26076218	703.593	645.966
17)	L4 AR-1242-2	5.768	4.807	56234638	36106154	706.911	659.445
18)	L4 AR-1242-3	5.831	4.985	34637217	20272809	697.706	652.591
19)	L4 AR-1242-4	5.931	5.069	28566212	19948660	715.119	634.943
20)	L4 AR-1242-5	6.680	5.598	4052695	16812242	99.879	429.980 #
21)	L5 AR-1248-1	5.745	4.788	39526600	26076218	910.324	844.591
22)	L5 AR-1248-2	6.023	5.027	25202230	16221617	389.765	370.295
23)	L5 AR-1248-3	6.231	5.069	27868904	19948660	396.907	430.346
24)	L5 AR-1248-4	6.640	5.242	3993196	20998211	52.262	379.855 #
25)	L5 AR-1248-5	6.680	5.639	4052695	2632206	54.920	50.491
26)	L6 AR-1254-1	6.614	5.598	21499431	16812242	271.838	217.602
27)	L6 AR-1254-2	6.835	5.746	22712690	16208646	190.658	233.937
28)	L6 AR-1254-3	7.207	6.169f	12521920	29305054	102.353	258.990 #
29)	L6 AR-1254-4	7.496	6.383	7802594	3117403	88.646	45.371 #
30)	L6 AR-1254-5	7.918	6.804	71847218	58634871	723.536	548.147
31)	L7 AR-1260-1	7.373	6.285	50769544	40536507	542.377	489.863
32)	L7 AR-1260-2	7.632	6.474	58894534	48852851	542.469	496.106
33)	L7 AR-1260-3	7.996	6.629	38579882	46976454	555.092	496.750
34)	L7 AR-1260-4	8.229	7.104	47535454	35987670	557.227	502.112
35)	L7 AR-1260-5	8.567	7.347	89414621	83722571	554.188	499.181
36)	L8 AR-1262-1	7.996	6.896	38579882	19816826	307.156	415.708 #
37)	L8 AR-1262-2	8.567	7.104	89414621	35987670	404.125	341.680
38)	L8 AR-1262-3	8.913f	7.632	58140102	17185292	387.156	205.276 #
39)	L8 AR-1262-4	8.994	7.696	12253682	60791409	108.341	402.019 #
40)	L8 AR-1262-5	9.701	8.197	21752574	19015437	289.098	268.664
41)	L9 AR-1268-1	8.913f	7.632	58140102	17185292	223.125	71.631 #

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 Acq On : 20 Oct 2023 09:42
 Operator : YP\AJ
 Sample : AR1660CCC500
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

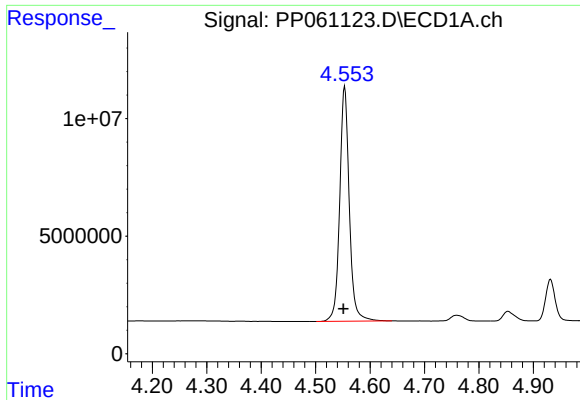
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 20 11:29:03 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
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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	8.994	7.696	12253682	60791409	52.261	283.335 #
43) L9	AR-1268-3	9.243	7.906	1856560	1738012	9.079	9.175
44) L9	AR-1268-4	9.701	8.197	21752574	19015437	270.065	248.152
45) L9	AR-1268-5	10.150	8.496	7996095	7019108	12.533	12.710

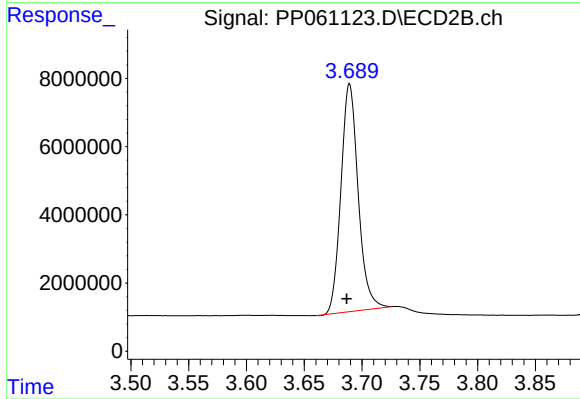
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

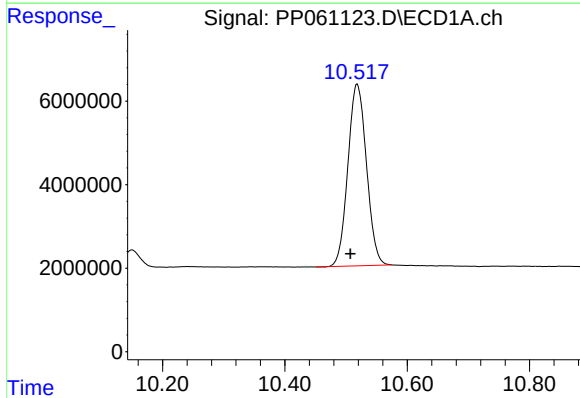
R.T.: 4.553 min
Delta R.T.: 0.002 min
Response: 122156045
Conc: 55.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



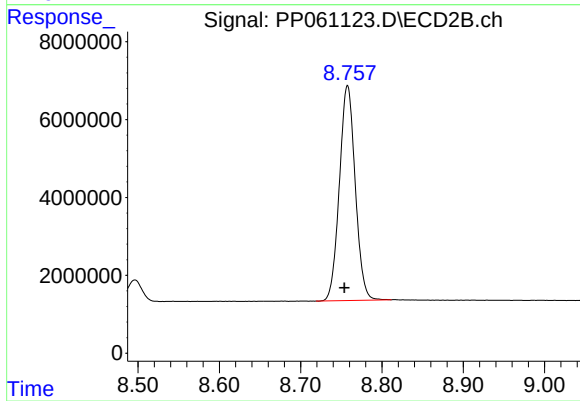
#1 Tetrachloro-m-xylene

R.T.: 3.689 min
Delta R.T.: 0.002 min
Response: 69191047
Conc: 51.18 ng/ml



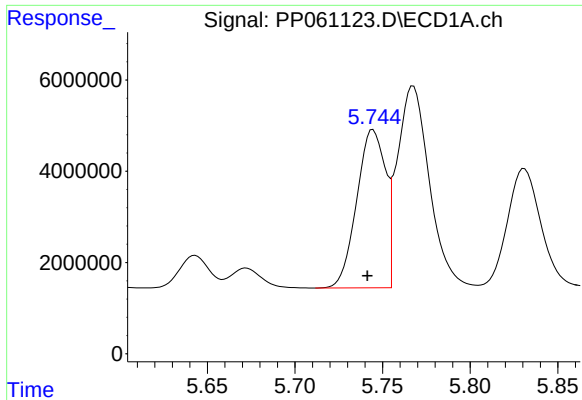
#2 Decachlorobiphenyl

R.T.: 10.518 min
Delta R.T.: 0.011 min
Response: 91815123
Conc: 58.63 ng/ml



#2 Decachlorobiphenyl

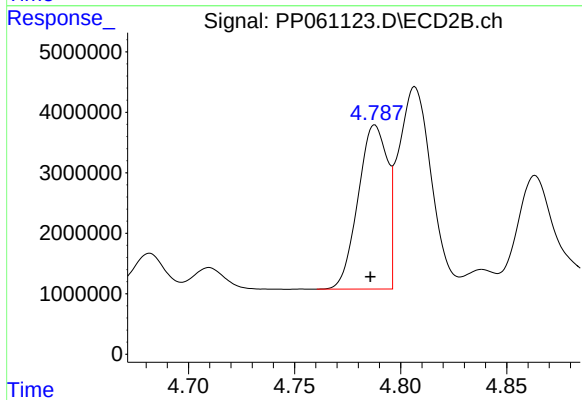
R.T.: 8.758 min
Delta R.T.: 0.004 min
Response: 74757165
Conc: 49.72 ng/ml



#3 AR-1016-1

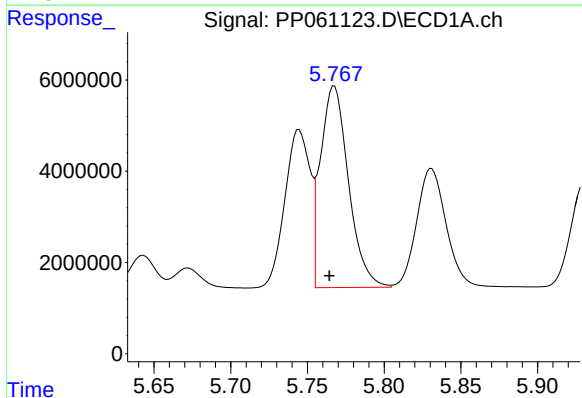
R.T.: 5.745 min
Delta R.T.: 0.003 min
Response: 39526600
Conc: 550.59 ng/ml

Instrument :
ECD_P
ClientSampleId :



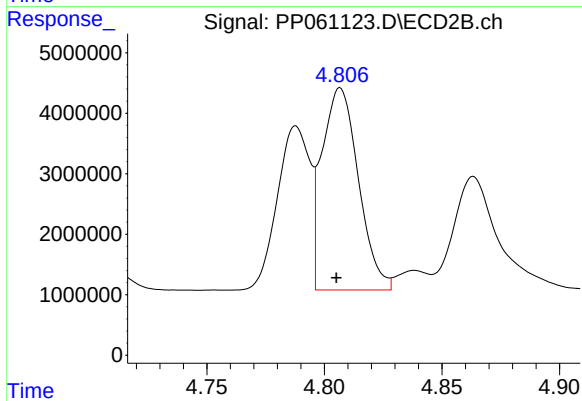
#3 AR-1016-1

R.T.: 4.788 min
Delta R.T.: 0.002 min
Response: 26076218
Conc: 501.04 ng/ml



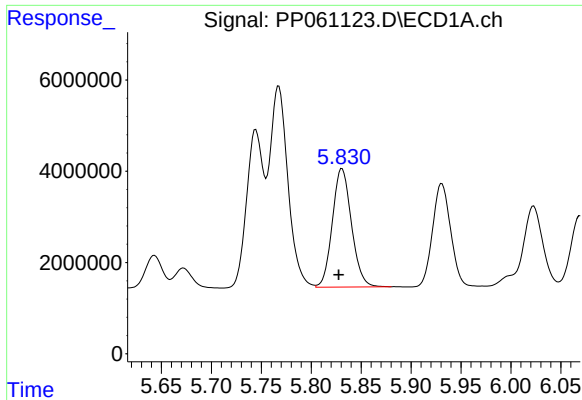
#4 AR-1016-2

R.T.: 5.768 min
Delta R.T.: 0.003 min
Response: 56234638
Conc: 548.26 ng/ml



#4 AR-1016-2

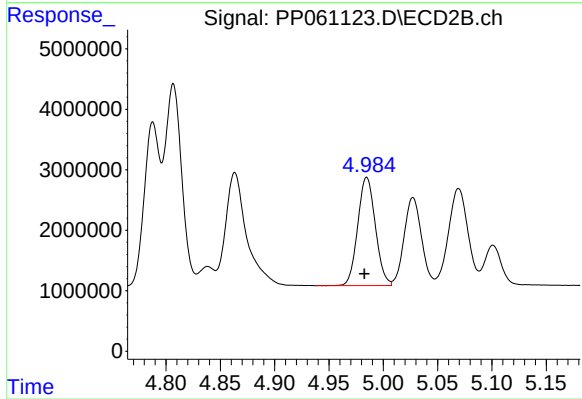
R.T.: 4.807 min
Delta R.T.: 0.002 min
Response: 36106154
Conc: 504.14 ng/ml



#5 AR-1016-3

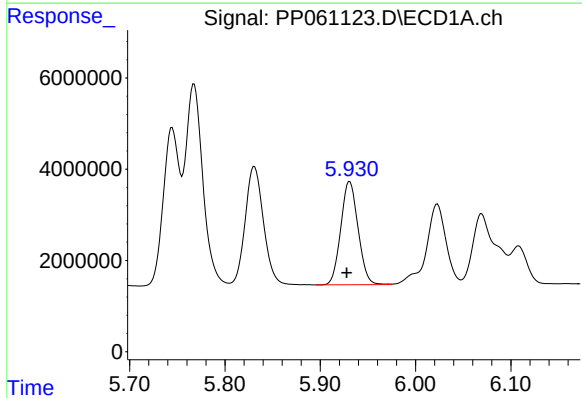
R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 34637217
Conc: 554.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



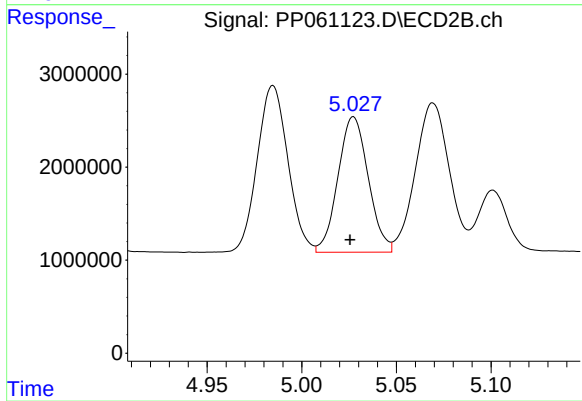
#5 AR-1016-3

R.T.: 4.985 min
Delta R.T.: 0.002 min
Response: 20272809
Conc: 501.71 ng/ml



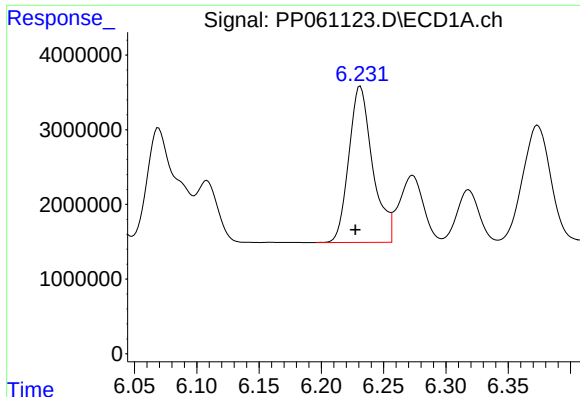
#6 AR-1016-4

R.T.: 5.931 min
Delta R.T.: 0.003 min
Response: 28566212
Conc: 559.21 ng/ml



#6 AR-1016-4

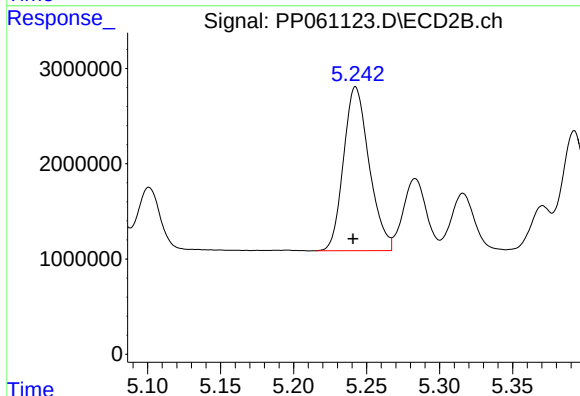
R.T.: 5.027 min
Delta R.T.: 0.002 min
Response: 16221617
Conc: 501.50 ng/ml



#7 AR-1016-5

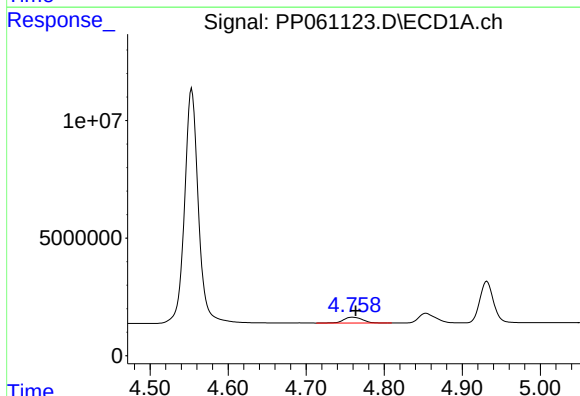
R.T.: 6.231 min
Delta R.T.: 0.004 min
Response: 27868904
Conc: 551.22 ng/ml

Instrument :
ECD_P
ClientSampleId :



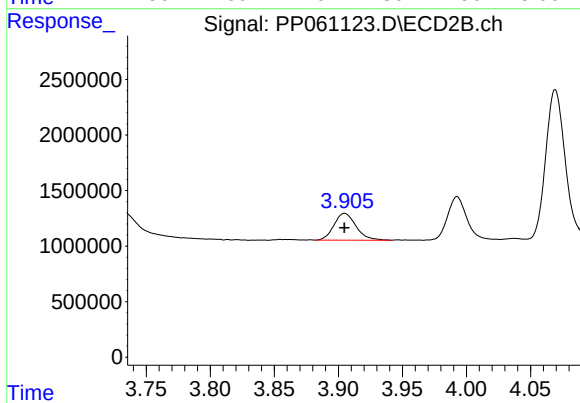
#7 AR-1016-5

R.T.: 5.242 min
Delta R.T.: 0.002 min
Response: 20998211
Conc: 502.91 ng/ml



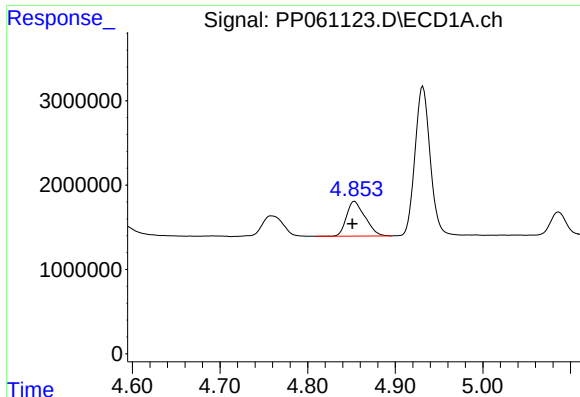
#8 AR-1221-1

R.T.: 4.759 min
Delta R.T.: -0.004 min
Response: 4142911
Conc: 147.49 ng/ml



#8 AR-1221-1

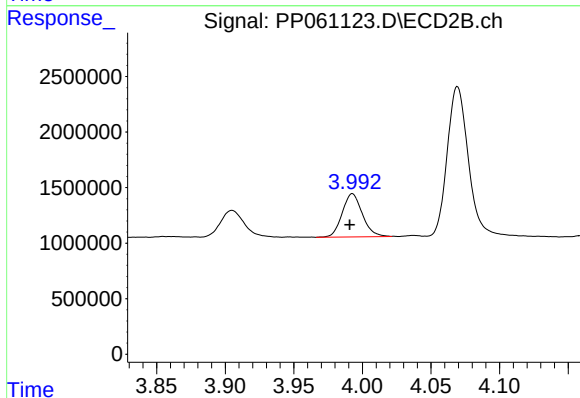
R.T.: 3.905 min
Delta R.T.: 0.000 min
Response: 2886972
Conc: 141.53 ng/ml



#9 AR-1221-2

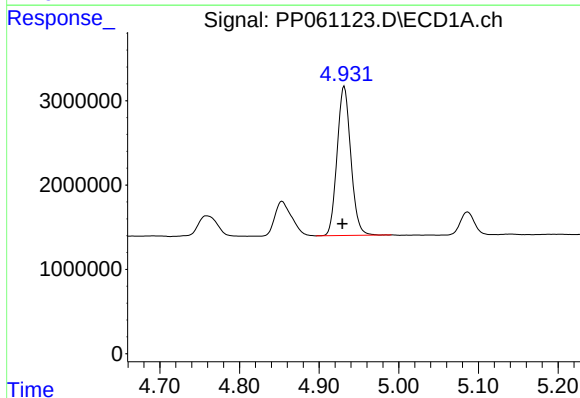
R.T.: 4.854 min
Delta R.T.: 0.002 min
Response: 6042718
Conc: 290.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



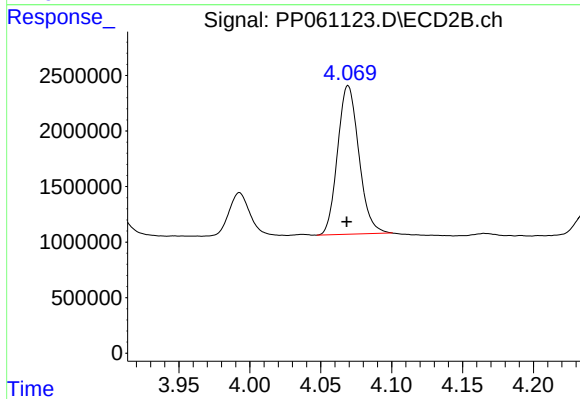
#9 AR-1221-2

R.T.: 3.993 min
Delta R.T.: 0.002 min
Response: 3977770
Conc: 270.78 ng/ml



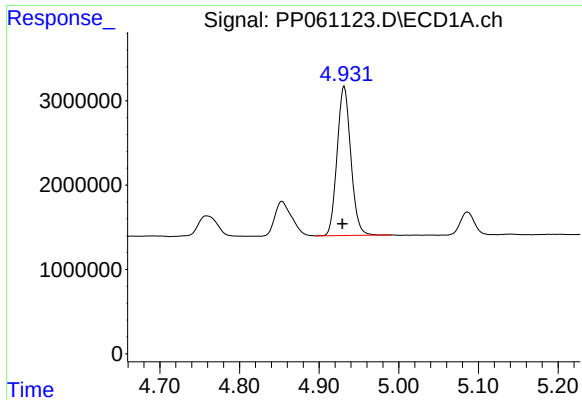
#10 AR-1221-3

R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 21196826
Conc: 343.50 ng/ml



#10 AR-1221-3

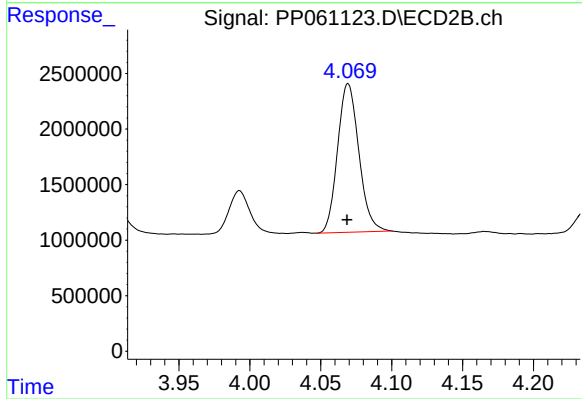
R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13978260
Conc: 333.29 ng/ml



#11 AR-1232-1

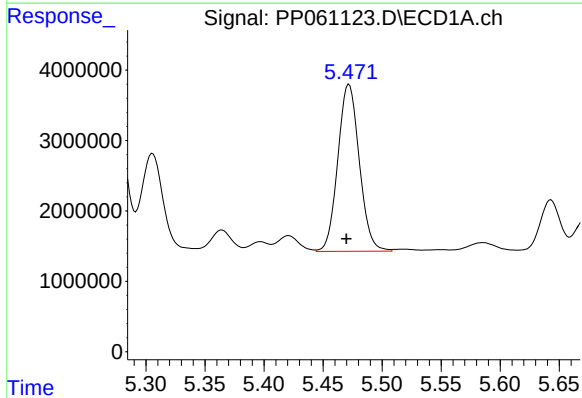
R.T.: 4.932 min
Delta R.T.: 0.002 min
Response: 21196826
Conc: 419.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



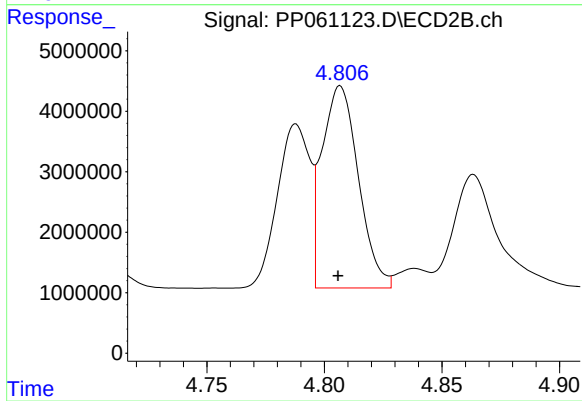
#11 AR-1232-1

R.T.: 4.069 min
Delta R.T.: 0.000 min
Response: 13978260
Conc: 404.77 ng/ml



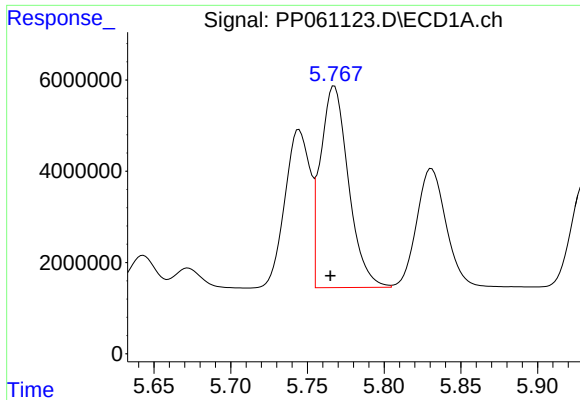
#12 AR-1232-2

R.T.: 5.472 min
Delta R.T.: 0.002 min
Response: 30051318
Conc: 1126.66 ng/ml



#12 AR-1232-2

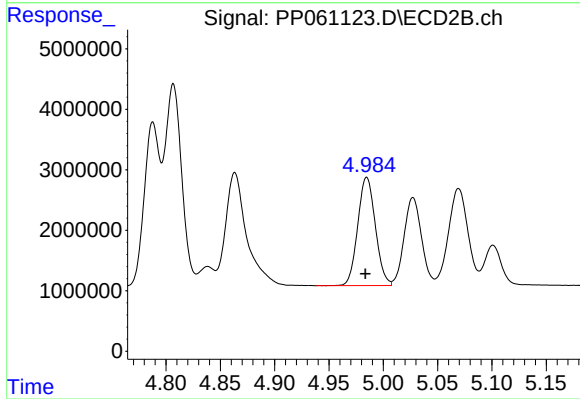
R.T.: 4.807 min
Delta R.T.: 0.000 min
Response: 36106154
Conc: 1091.81 ng/ml



#13 AR-1232-3

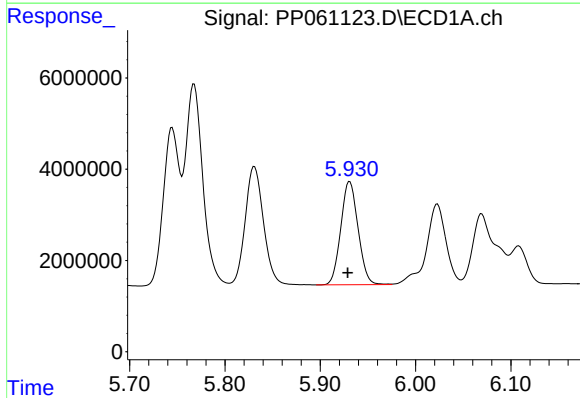
R.T.: 5.768 min
Delta R.T.: 0.002 min
Response: 56234638
Conc: 1198.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



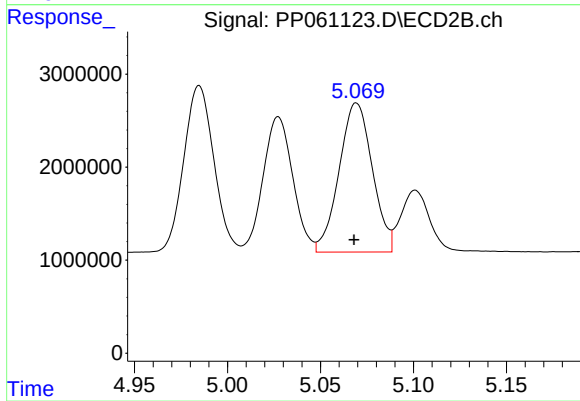
#13 AR-1232-3

R.T.: 4.985 min
Delta R.T.: 0.001 min
Response: 20272809
Conc: 1094.01 ng/ml



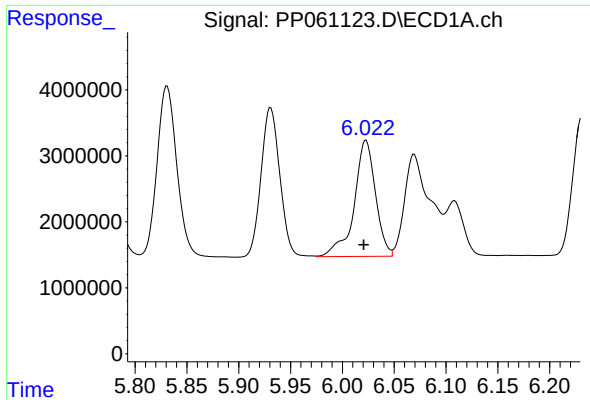
#14 AR-1232-4

R.T.: 5.931 min
Delta R.T.: 0.002 min
Response: 28566212
Conc: 1220.98 ng/ml



#14 AR-1232-4

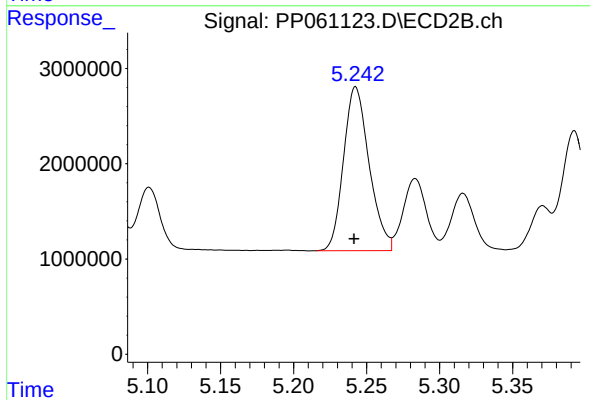
R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 19948660
Conc: 1187.52 ng/ml



#15 AR-1232-5

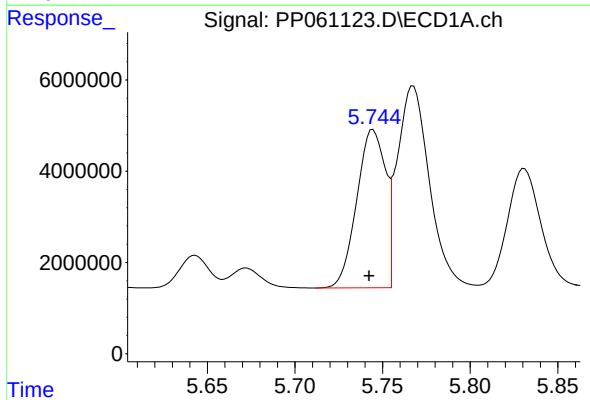
R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: 25202230
Conc: 1293.18 ng/ml

Instrument :
ECD_P
ClientSampleId :



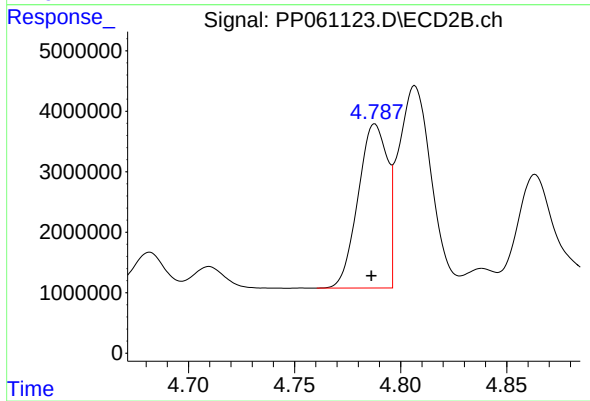
#15 AR-1232-5

R.T.: 5.242 min
Delta R.T.: 0.001 min
Response: 20998211
Conc: 1117.83 ng/ml



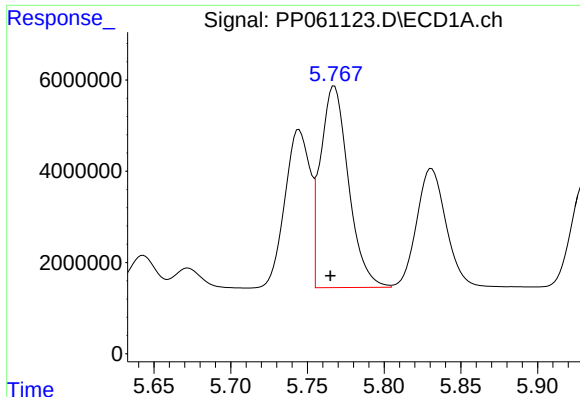
#16 AR-1242-1

R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 39526600
Conc: 703.59 ng/ml



#16 AR-1242-1

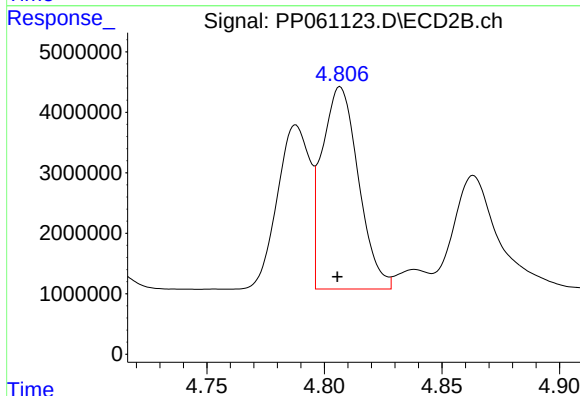
R.T.: 4.788 min
Delta R.T.: 0.002 min
Response: 26076218
Conc: 645.97 ng/ml



#17 AR-1242-2

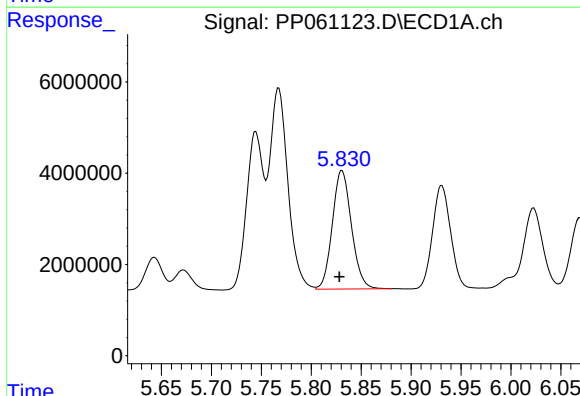
R.T.: 5.768 min
Delta R.T.: 0.003 min
Response: 56234638
Conc: 706.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



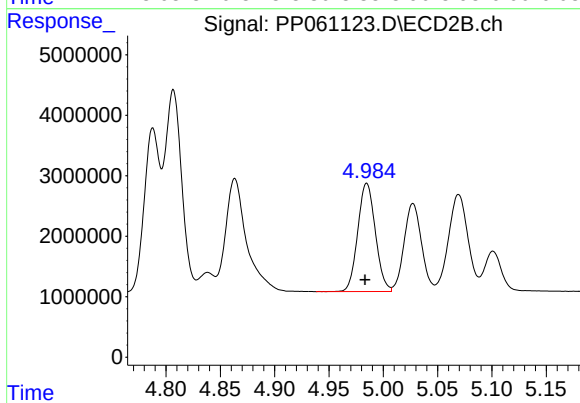
#17 AR-1242-2

R.T.: 4.807 min
Delta R.T.: 0.001 min
Response: 36106154
Conc: 659.44 ng/ml



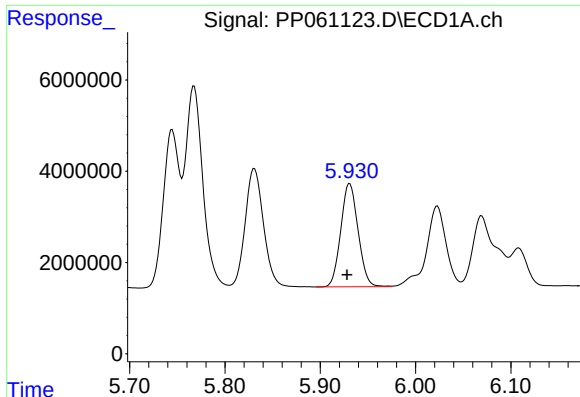
#18 AR-1242-3

R.T.: 5.831 min
Delta R.T.: 0.003 min
Response: 34637217
Conc: 697.71 ng/ml



#18 AR-1242-3

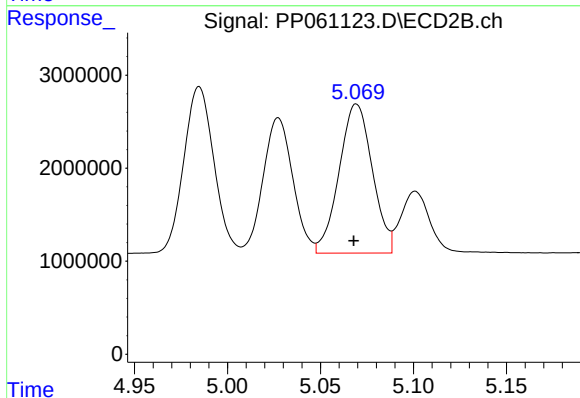
R.T.: 4.985 min
Delta R.T.: 0.001 min
Response: 20272809
Conc: 652.59 ng/ml



#19 AR-1242-4

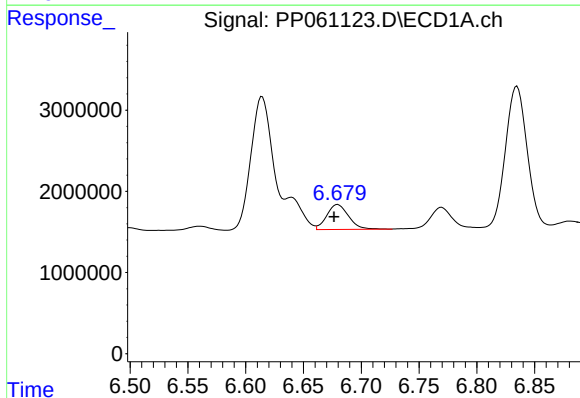
R.T.: 5.931 min
Delta R.T.: 0.003 min
Response: 28566212
Conc: 715.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



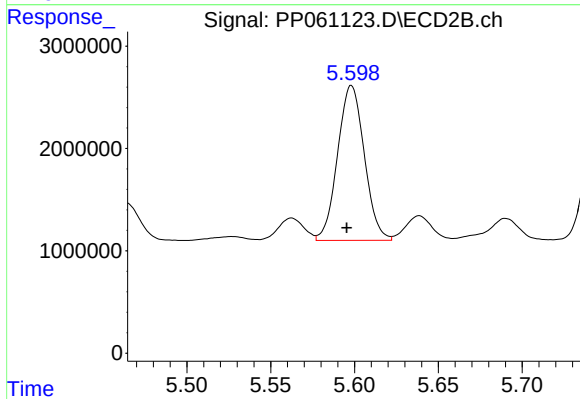
#19 AR-1242-4

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 19948660
Conc: 634.94 ng/ml



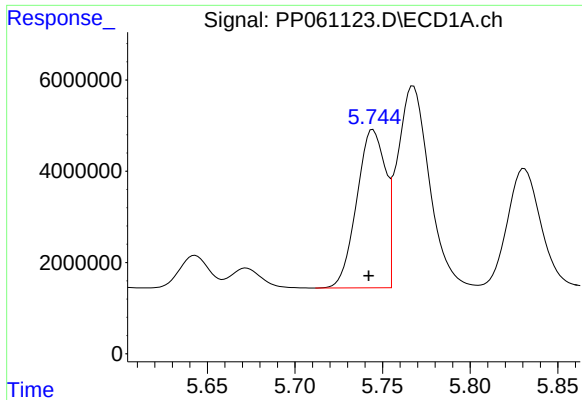
#20 AR-1242-5

R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 4052695
Conc: 99.88 ng/ml



#20 AR-1242-5

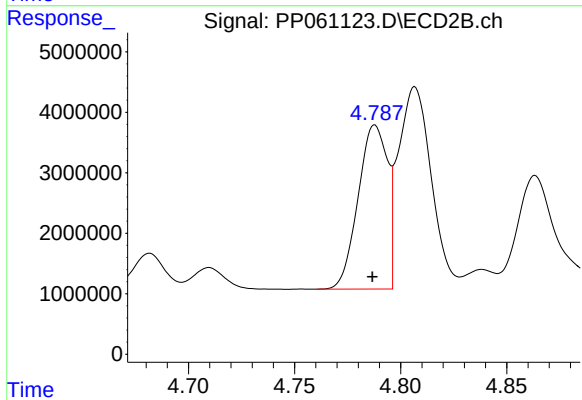
R.T.: 5.598 min
Delta R.T.: 0.003 min
Response: 16812242
Conc: 429.98 ng/ml



#21 AR-1248-1

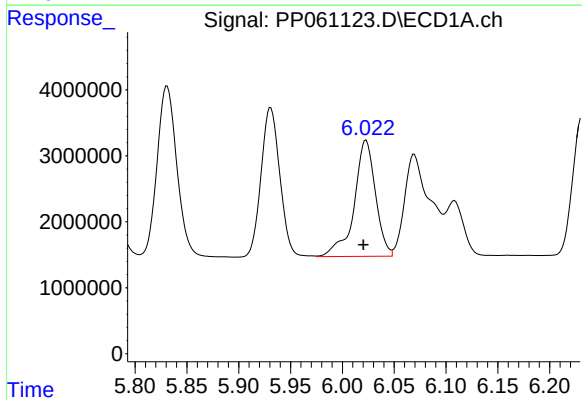
R.T.: 5.745 min
Delta R.T.: 0.002 min
Response: 39526600
Conc: 910.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



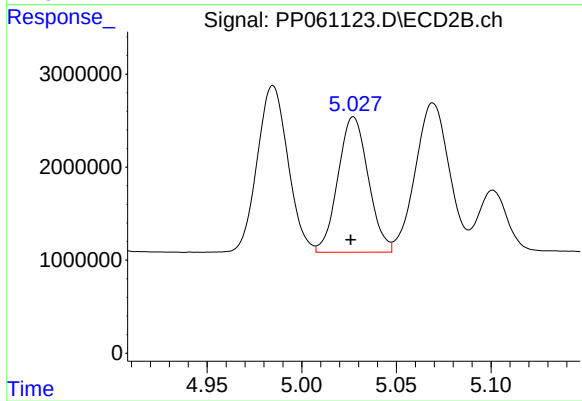
#21 AR-1248-1

R.T.: 4.788 min
Delta R.T.: 0.001 min
Response: 26076218
Conc: 844.59 ng/ml



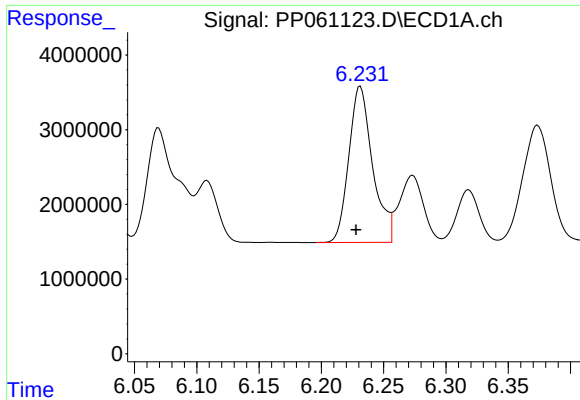
#22 AR-1248-2

R.T.: 6.023 min
Delta R.T.: 0.003 min
Response: 25202230
Conc: 389.76 ng/ml



#22 AR-1248-2

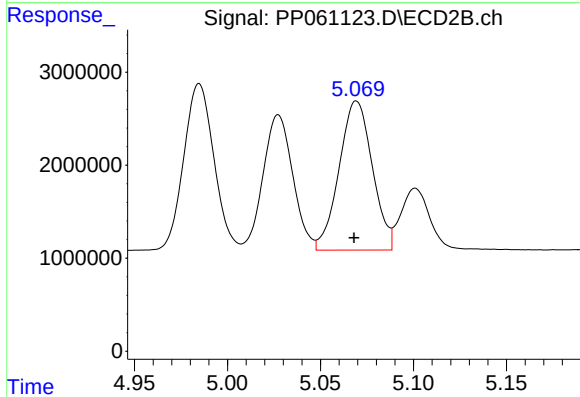
R.T.: 5.027 min
Delta R.T.: 0.001 min
Response: 16221617
Conc: 370.30 ng/ml



#23 AR-1248-3

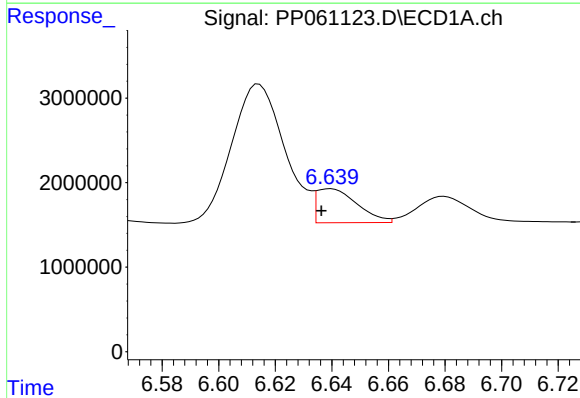
R.T.: 6.231 min
Delta R.T.: 0.004 min
Response: 27868904
Conc: 396.91 ng/ml

Instrument :
ECD_P
ClientSampleId :



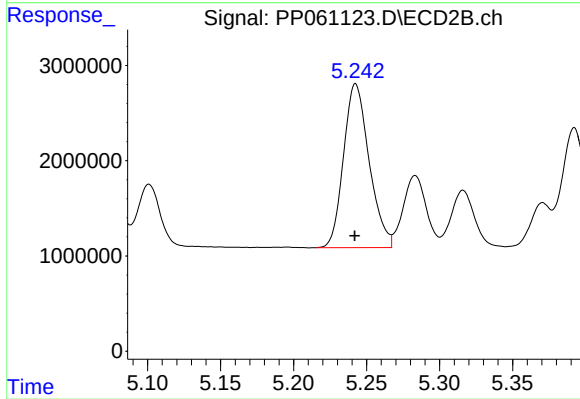
#23 AR-1248-3

R.T.: 5.069 min
Delta R.T.: 0.001 min
Response: 19948660
Conc: 430.35 ng/ml



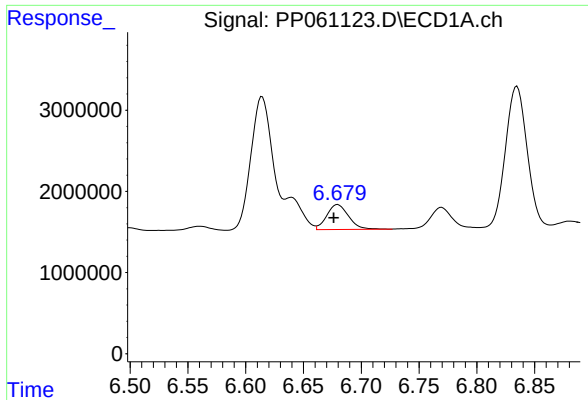
#24 AR-1248-4

R.T.: 6.640 min
Delta R.T.: 0.003 min
Response: 3993196
Conc: 52.26 ng/ml



#24 AR-1248-4

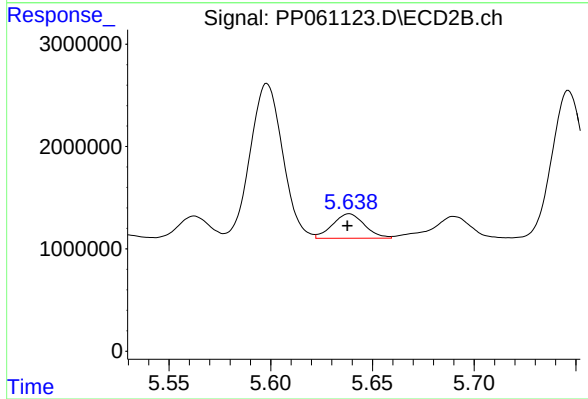
R.T.: 5.242 min
Delta R.T.: 0.000 min
Response: 20998211
Conc: 379.85 ng/ml



#25 AR-1248-5

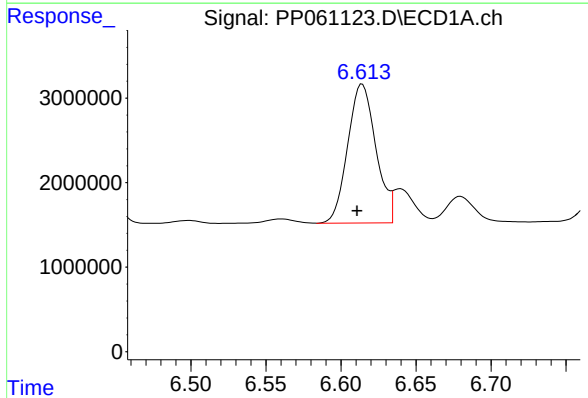
R.T.: 6.680 min
Delta R.T.: 0.003 min
Response: 4052695
Conc: 54.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



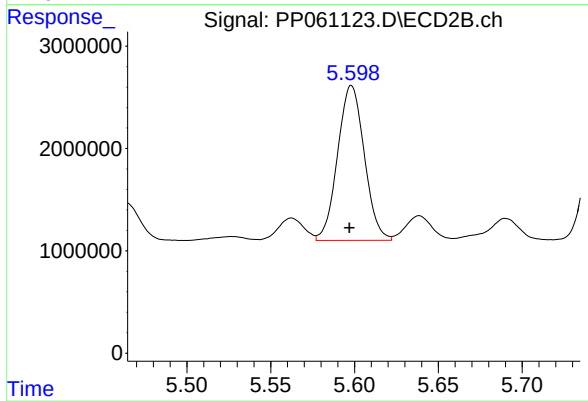
#25 AR-1248-5

R.T.: 5.639 min
Delta R.T.: 0.000 min
Response: 2632206
Conc: 50.49 ng/ml



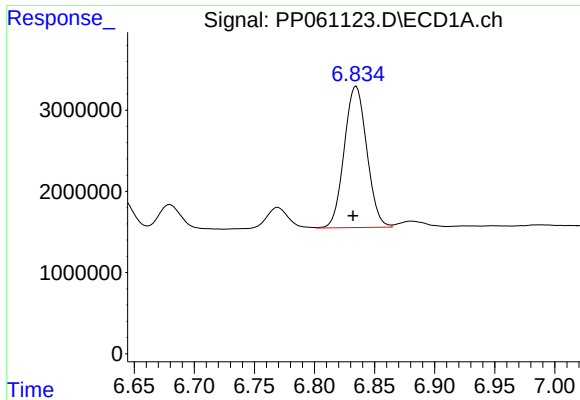
#26 AR-1254-1

R.T.: 6.614 min
Delta R.T.: 0.003 min
Response: 21499431
Conc: 271.84 ng/ml



#26 AR-1254-1

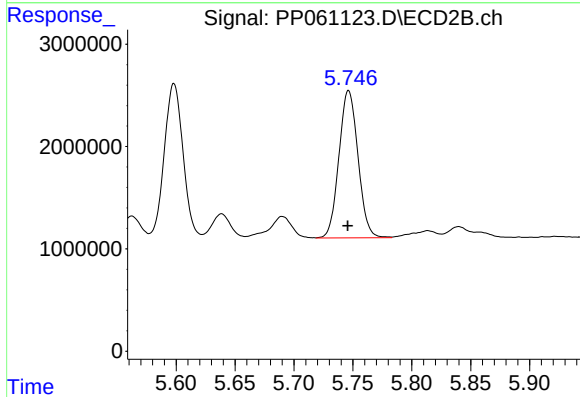
R.T.: 5.598 min
Delta R.T.: 0.001 min
Response: 16812242
Conc: 217.60 ng/ml



#27 AR-1254-2

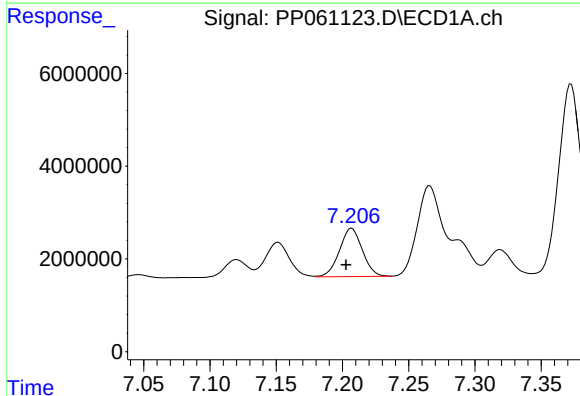
R.T.: 6.835 min
Delta R.T.: 0.003 min
Response: 22712690
Conc: 190.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



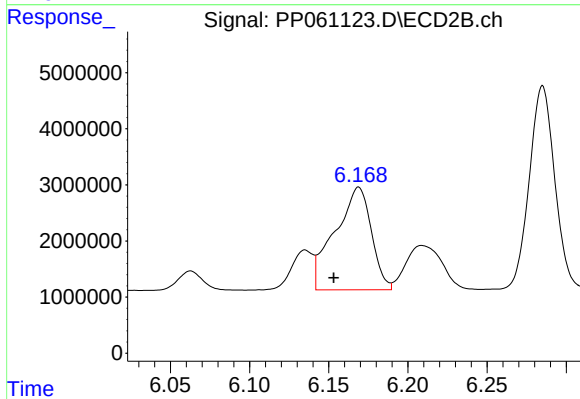
#27 AR-1254-2

R.T.: 5.746 min
Delta R.T.: 0.000 min
Response: 16208646
Conc: 233.94 ng/ml



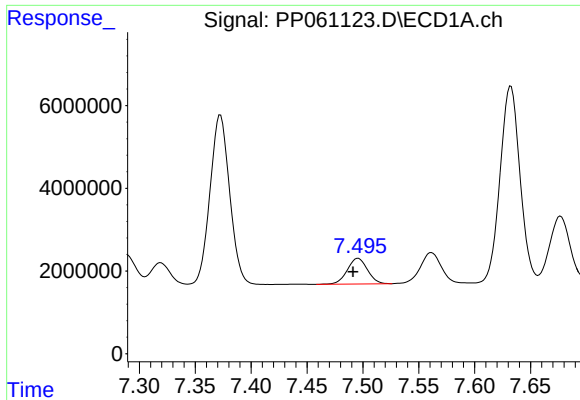
#28 AR-1254-3

R.T.: 7.207 min
Delta R.T.: 0.004 min
Response: 12521920
Conc: 102.35 ng/ml



#28 AR-1254-3

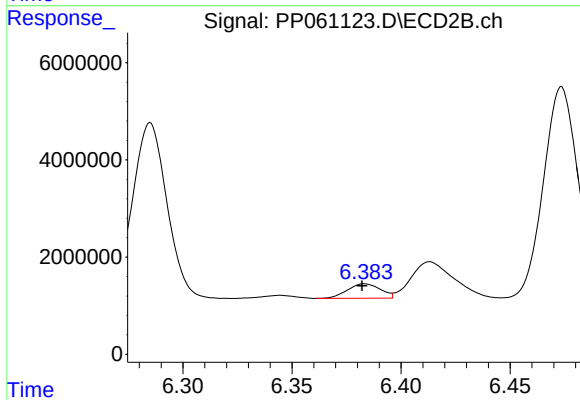
R.T.: 6.169 min
Delta R.T.: 0.016 min
Response: 29305054
Conc: 258.99 ng/ml



#29 AR-1254-4

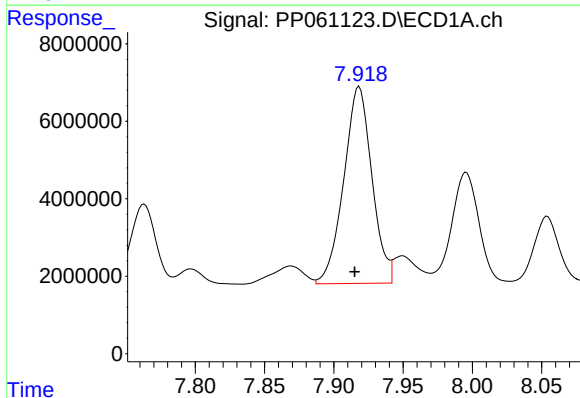
R.T.: 7.496 min
Delta R.T.: 0.005 min
Response: 7802594
Conc: 88.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



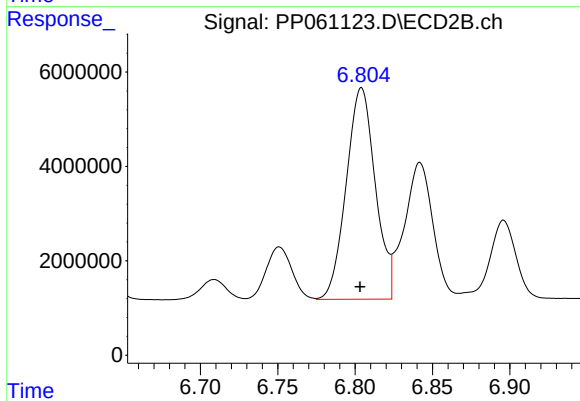
#29 AR-1254-4

R.T.: 6.383 min
Delta R.T.: 0.001 min
Response: 3117403
Conc: 45.37 ng/ml



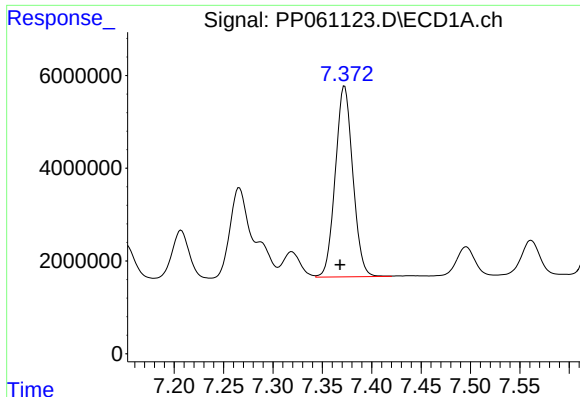
#30 AR-1254-5

R.T.: 7.918 min
Delta R.T.: 0.003 min
Response: 71847218
Conc: 723.54 ng/ml



#30 AR-1254-5

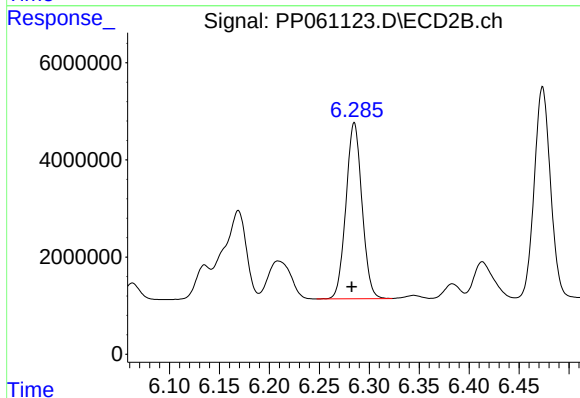
R.T.: 6.804 min
Delta R.T.: 0.000 min
Response: 58634871
Conc: 548.15 ng/ml



#31 AR-1260-1

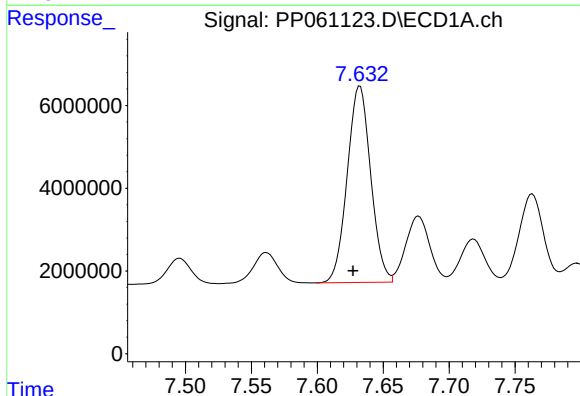
R.T.: 7.373 min
Delta R.T.: 0.005 min
Response: 50769544
Conc: 542.38 ng/ml

Instrument :
ECD_P
ClientSampleId :



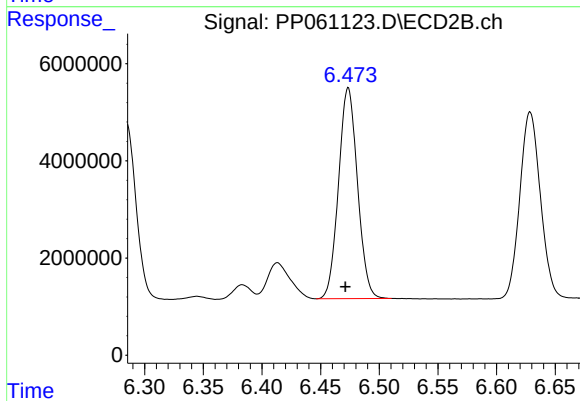
#31 AR-1260-1

R.T.: 6.285 min
Delta R.T.: 0.003 min
Response: 40536507
Conc: 489.86 ng/ml



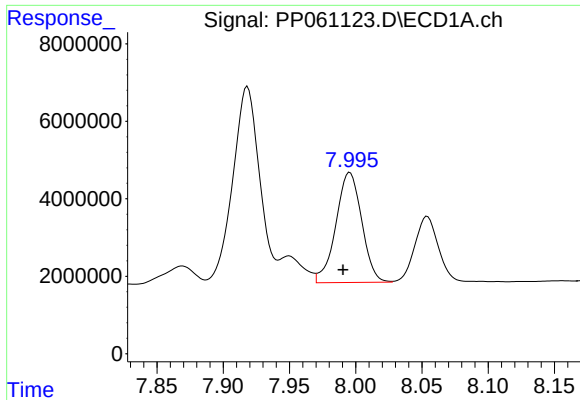
#32 AR-1260-2

R.T.: 7.632 min
Delta R.T.: 0.005 min
Response: 58894534
Conc: 542.47 ng/ml



#32 AR-1260-2

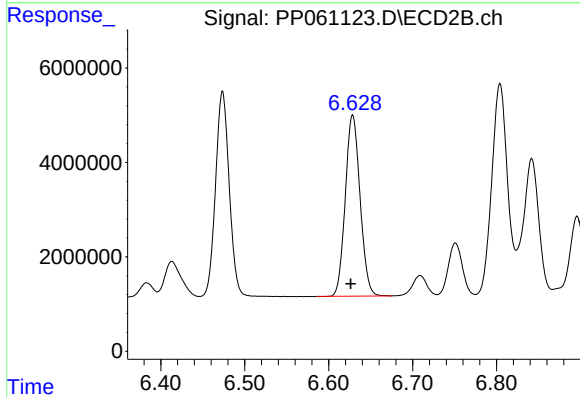
R.T.: 6.474 min
Delta R.T.: 0.002 min
Response: 48852851
Conc: 496.11 ng/ml



#33 AR-1260-3

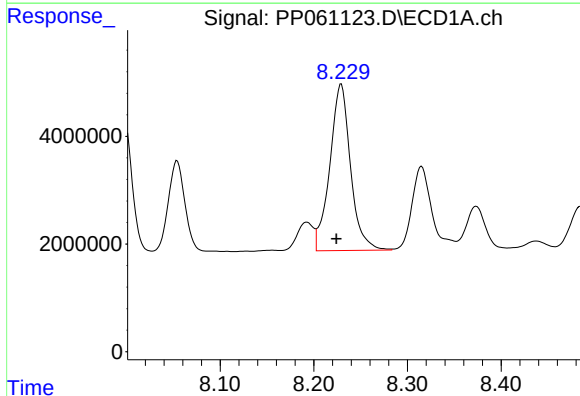
R.T.: 7.996 min
Delta R.T.: 0.005 min
Response: 38579882
Conc: 555.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



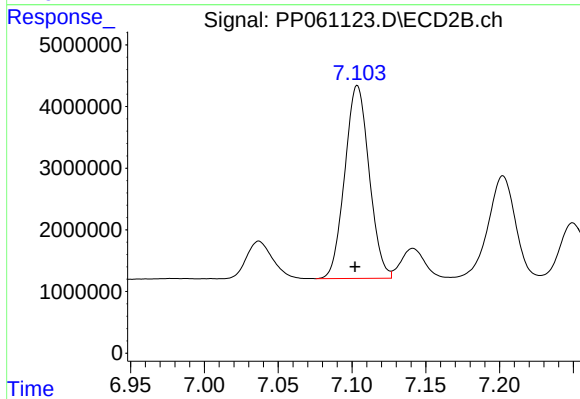
#33 AR-1260-3

R.T.: 6.629 min
Delta R.T.: 0.002 min
Response: 46976454
Conc: 496.75 ng/ml



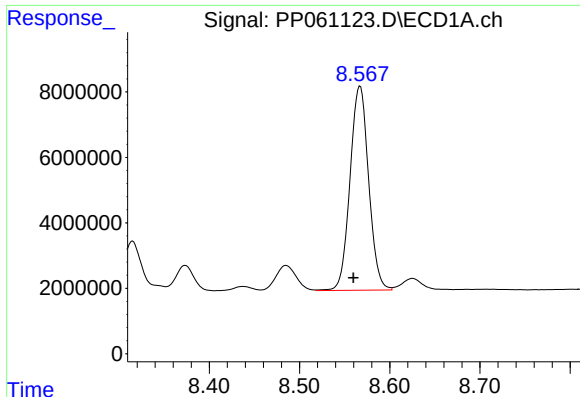
#34 AR-1260-4

R.T.: 8.229 min
Delta R.T.: 0.005 min
Response: 47535454
Conc: 557.23 ng/ml



#34 AR-1260-4

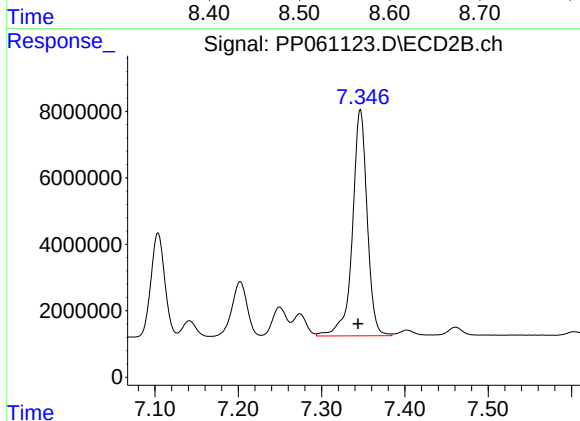
R.T.: 7.104 min
Delta R.T.: 0.002 min
Response: 35987670
Conc: 502.11 ng/ml



#35 AR-1260-5

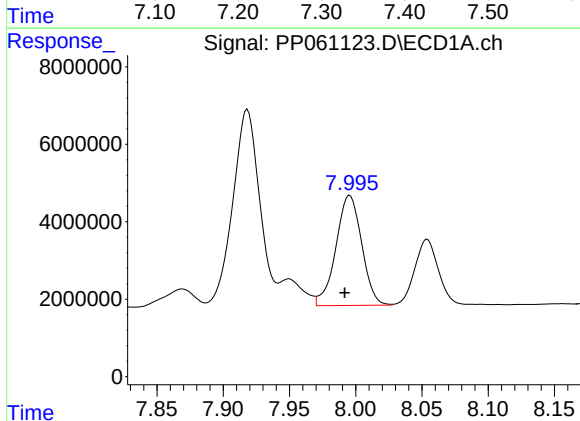
R.T.: 8.567 min
Delta R.T.: 0.007 min
Response: 89414621
Conc: 554.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



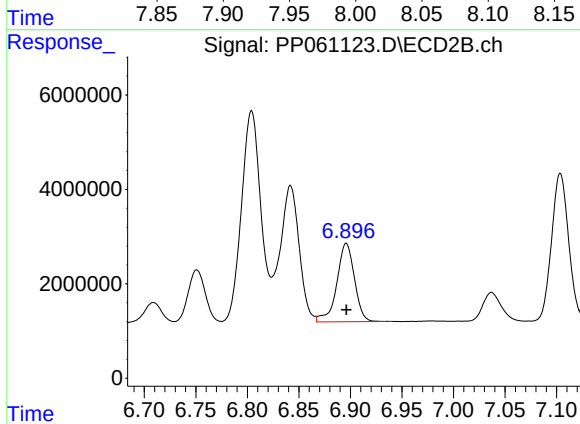
#35 AR-1260-5

R.T.: 7.347 min
Delta R.T.: 0.003 min
Response: 83722571
Conc: 499.18 ng/ml



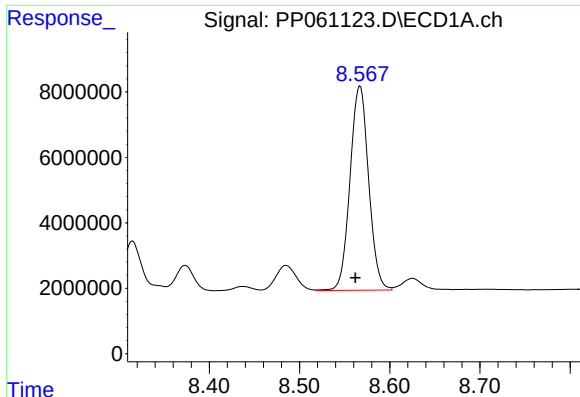
#36 AR-1262-1

R.T.: 7.996 min
Delta R.T.: 0.004 min
Response: 38579882
Conc: 307.16 ng/ml



#36 AR-1262-1

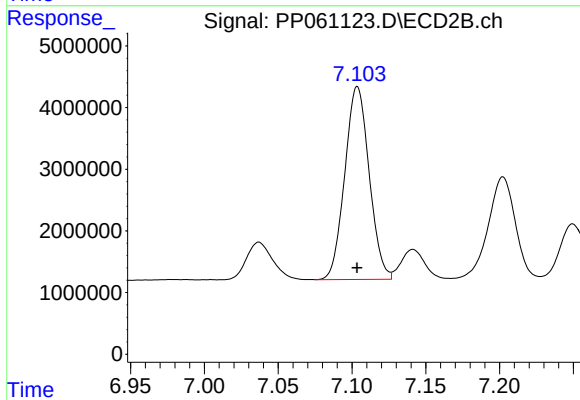
R.T.: 6.896 min
Delta R.T.: 0.000 min
Response: 19816826
Conc: 415.71 ng/ml



#37 AR-1262-2

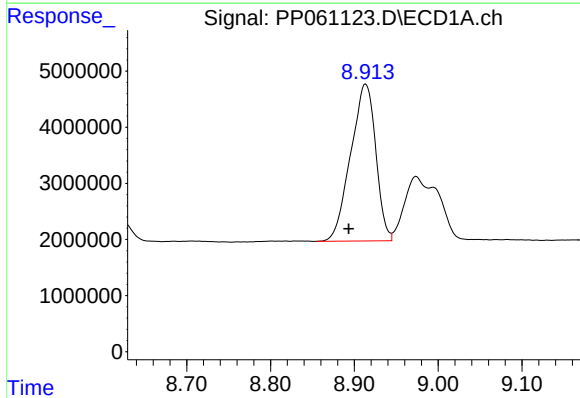
R.T.: 8.567 min
Delta R.T.: 0.005 min
Response: 89414621
Conc: 404.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



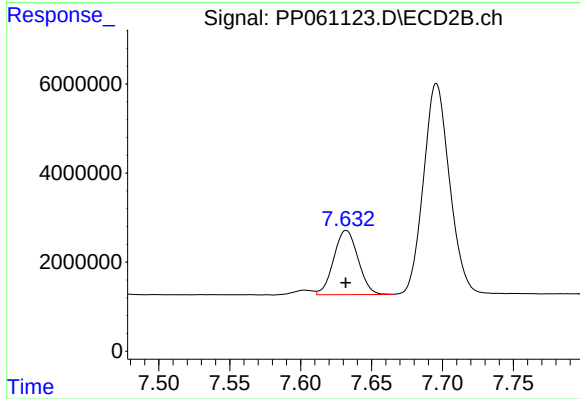
#37 AR-1262-2

R.T.: 7.104 min
Delta R.T.: 0.000 min
Response: 35987670
Conc: 341.68 ng/ml



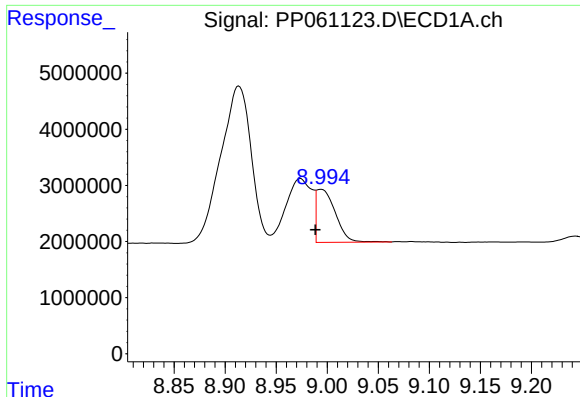
#38 AR-1262-3

R.T.: 8.913 min
Delta R.T.: 0.020 min
Response: 58140102
Conc: 387.16 ng/ml



#38 AR-1262-3

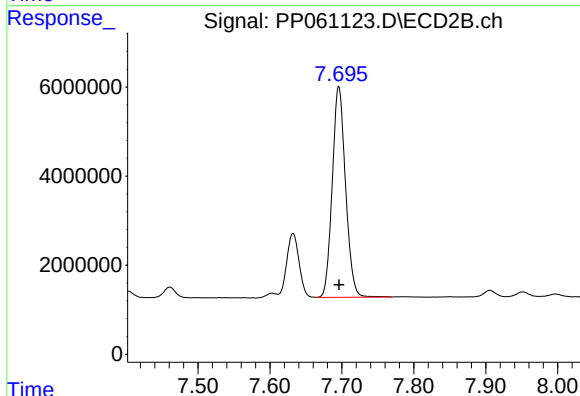
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 17185292
Conc: 205.28 ng/ml



#39 AR-1262-4

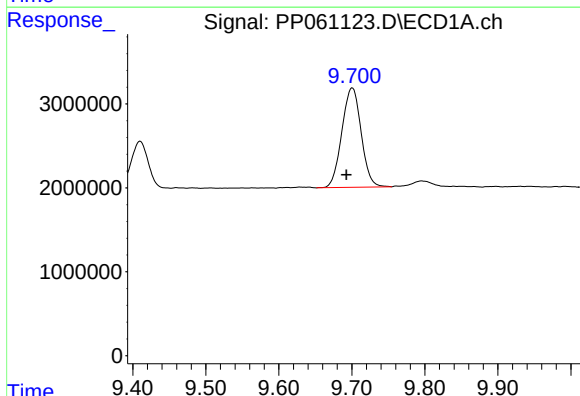
R.T.: 8.994 min
Delta R.T.: 0.006 min
Response: 12253682
Conc: 108.34 ng/ml

Instrument :
ECD_P
ClientSampleId :



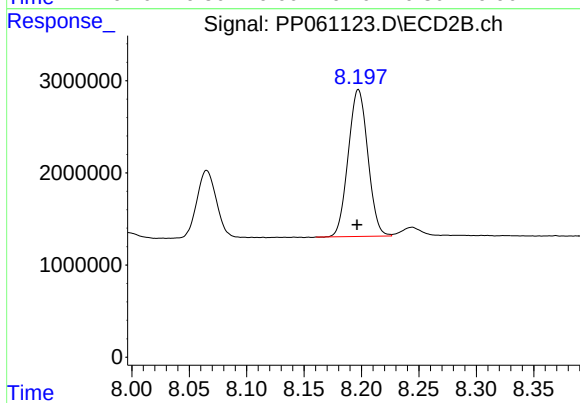
#39 AR-1262-4

R.T.: 7.696 min
Delta R.T.: 0.000 min
Response: 60791409
Conc: 402.02 ng/ml



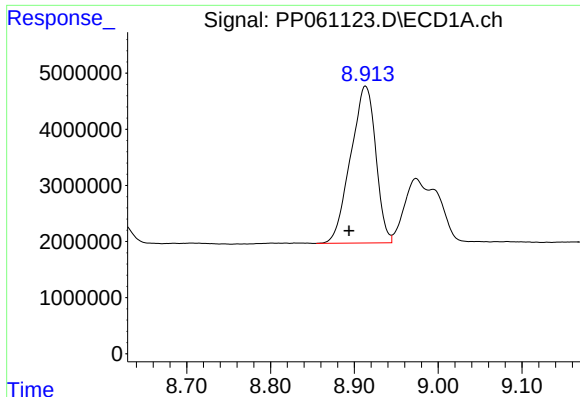
#40 AR-1262-5

R.T.: 9.701 min
Delta R.T.: 0.008 min
Response: 21752574
Conc: 289.10 ng/ml



#40 AR-1262-5

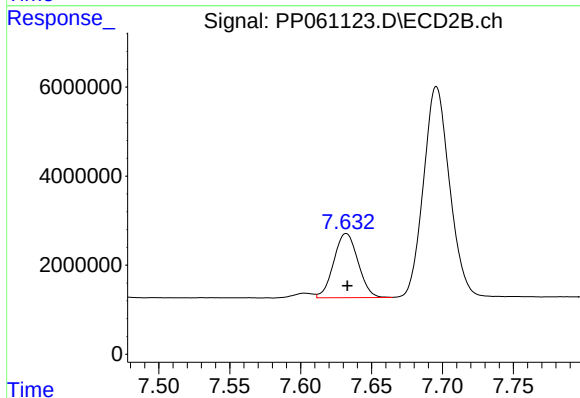
R.T.: 8.197 min
Delta R.T.: 0.001 min
Response: 19015437
Conc: 268.66 ng/ml



#41 AR-1268-1

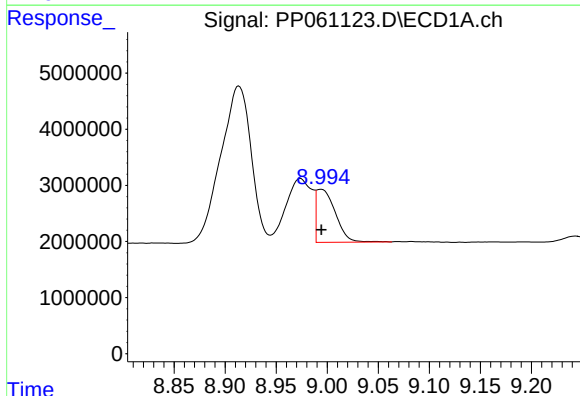
R.T.: 8.913 min
Delta R.T.: 0.020 min
Response: 58140102
Conc: 223.12 ng/ml

Instrument :
ECD_P
ClientSampleId :



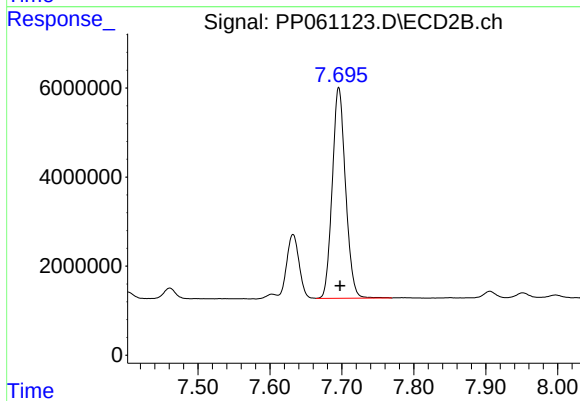
#41 AR-1268-1

R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 17185292
Conc: 71.63 ng/ml



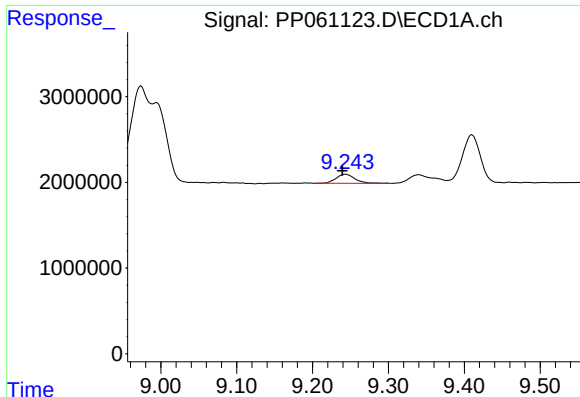
#42 AR-1268-2

R.T.: 8.994 min
Delta R.T.: 0.000 min
Response: 12253682
Conc: 52.26 ng/ml



#42 AR-1268-2

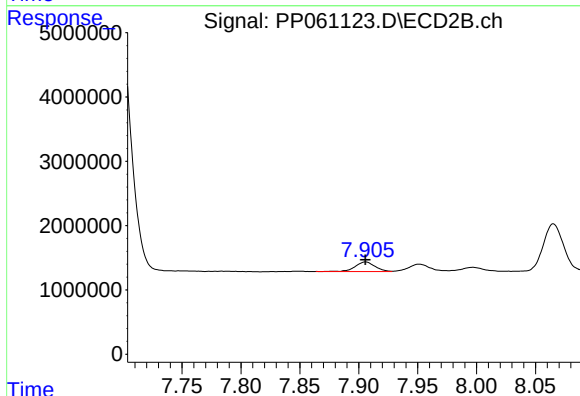
R.T.: 7.696 min
Delta R.T.: -0.002 min
Response: 60791409
Conc: 283.34 ng/ml



#43 AR-1268-3

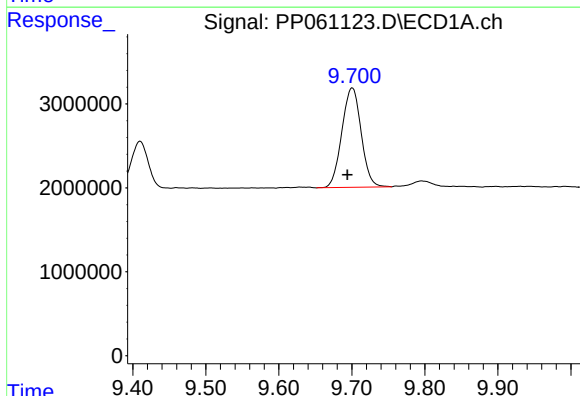
R.T.: 9.243 min
Delta R.T.: 0.004 min
Response: 1856560
Conc: 9.08 ng/ml

Instrument :
ECD_P
ClientSampleId :



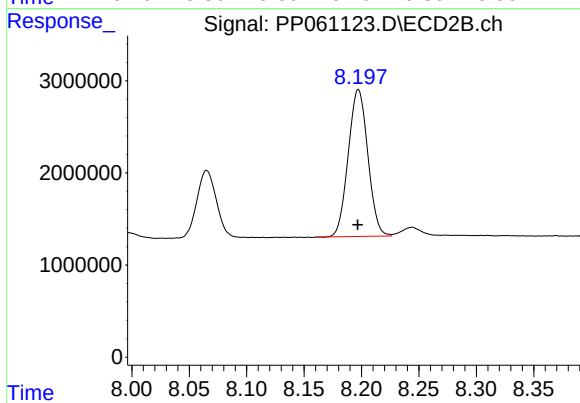
#43 AR-1268-3

R.T.: 7.906 min
Delta R.T.: 0.000 min
Response: 1738012
Conc: 9.18 ng/ml



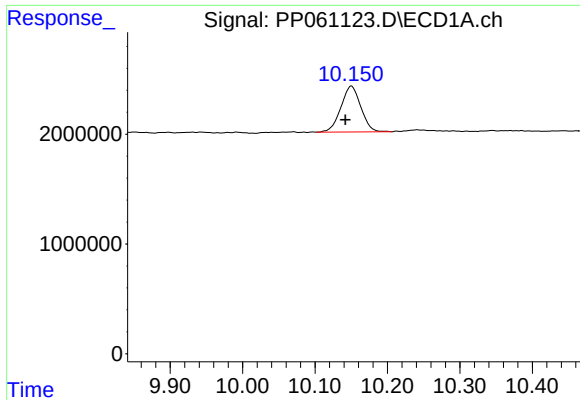
#44 AR-1268-4

R.T.: 9.701 min
Delta R.T.: 0.007 min
Response: 21752574
Conc: 270.06 ng/ml



#44 AR-1268-4

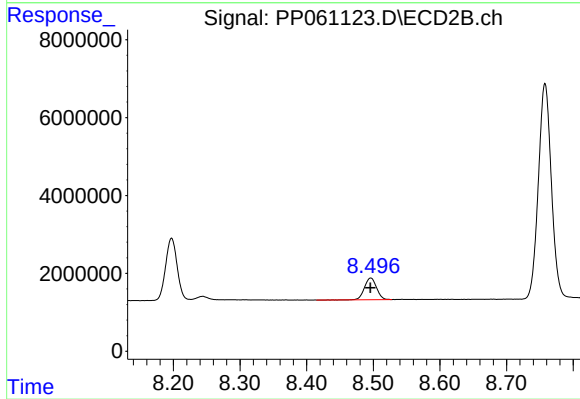
R.T.: 8.197 min
Delta R.T.: 0.000 min
Response: 19015437
Conc: 248.15 ng/ml



#45 AR-1268-5

R.T.: 10.150 min
Delta R.T.: 0.008 min
Response: 7996095
Conc: 12.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.496 min
Delta R.T.: 0.000 min
Response: 7019108
Conc: 12.71 ng/ml