

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP100523\
 Data File : PP060609.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Oct 2023 10:21
 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 05 12:24:41 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	3.683	105.5E6	70787639	47.110	47.556
2)	SA Decachlor...	10.455	8.745	80485598	67666542	45.587	41.483
Target Compounds							
3)	L1 AR-1016-1	5.717	4.780	33956386	26719568	461.334	459.813
4)	L1 AR-1016-2	5.741	4.799	48379786	36697253	461.934	455.835
5)	L1 AR-1016-3	5.804	4.977	30380866	20573049	464.849	460.323
6)	L1 AR-1016-4	5.903	5.019	25346483	16306002	466.104	453.149
7)	L1 AR-1016-5	6.202	5.235	25167769	20498206	452.473	421.861
8)	L2 AR-1221-1	4.738	3.898	4531039	3366173	156.854	161.137
9)	L2 AR-1221-2	4.830	3.986	6105684	4325202	285.779	290.070
10)	L2 AR-1221-3	4.907	4.062	20652815	14723909	340.081	335.185
11)	L3 AR-1232-1	4.907f	4.062	20652815	14723909	410.282	404.620
12)	L3 AR-1232-2	5.446f	4.799	26741757	36697253	976.590	1006.277
13)	L3 AR-1232-3	5.741f	4.977	48379786	20573049	1042.281	1027.868
14)	L3 AR-1232-4	5.903f	5.061	25346483	20083181	1031.200	1076.025
15)	L3 AR-1232-5	5.995f	5.235	22445706	20498206	1083.200	985.521
16)	L4 AR-1242-1	5.717	4.780	33956386	26719568	531.339	527.772
17)	L4 AR-1242-2	5.741	4.799	48379786	36697253	534.309	528.441
18)	L4 AR-1242-3	5.804	4.977	30380866	20573049	539.618	534.216
19)	L4 AR-1242-4	5.903	5.061	25346483	20083181	542.682	509.947
20)	L4 AR-1242-5	6.650	5.589	7500457	20765690	149.126	424.507 #
21)	L5 AR-1248-1	5.717	4.780	33956386	26719568	729.861	732.171
22)	L5 AR-1248-2	5.995	5.019	22445706	16306002	323.727	311.946
23)	L5 AR-1248-3	6.202	5.061	25167769	20083181	331.375	361.701
24)	L5 AR-1248-4	6.610	5.235	8518948	20498206	103.003	311.394 #
25)	L5 AR-1248-5	6.650	5.630	7500457	5218027	93.193	81.123
26)	L6 AR-1254-1	6.584	5.589	22485076	20765690	263.476	209.927
27)	L6 AR-1254-2	6.805	5.738	19485976	15174140	152.680	176.561
28)	L6 AR-1254-3	7.175	6.160	9412737	29315403	70.817	204.536 #
29)	L6 AR-1254-4	7.463	6.374	6554687	2261915	66.654	25.950 #
30)	L6 AR-1254-5	7.886	6.794	61924411	54890246	571.558	433.161
31)	L7 AR-1260-1	7.341	6.275	46296642	42442198	441.657	422.835
32)	L7 AR-1260-2	7.600	6.464	53359960	50578119	441.334	423.941
33)	L7 AR-1260-3	7.963	6.620	41666703	48242183	449.526	421.349
34)	L7 AR-1260-4	8.195	7.094	47504758	39636330	447.943	416.428
35)	L7 AR-1260-5	8.529	7.336	84768835	89951064	438.034	415.068
36)	L8 AR-1262-1	7.963	6.886	41666703	21356259	334.041	398.829
37)	L8 AR-1262-2	8.529	7.094	84768835	39636330	404.657	336.043
38)	L8 AR-1262-3	8.871	7.622	57229430	19933735	378.158	216.180 #
39)	L8 AR-1262-4	8.936f	7.685	35683100	62338764	298.164	370.047
40)	L8 AR-1262-5	9.648	8.186	24952622	21064182	311.658	271.886
41)	L9 AR-1268-1	8.871f	7.622	57229430	19933735	215.716	73.333 #

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

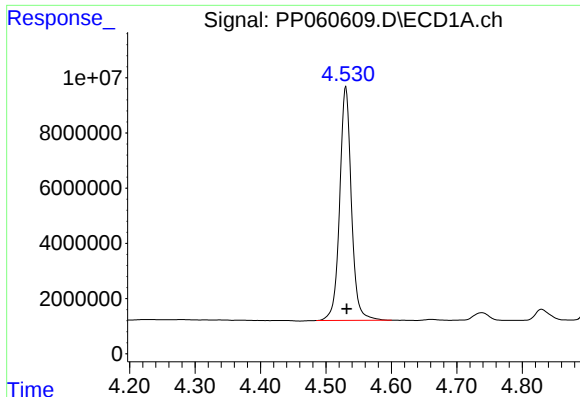
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 05 12:24:41 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
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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	8.936f	7.685	35683100	62338764	146.401	255.618 #
43) L9	AR-1268-3	9.197	7.896	1451735	1089401	6.941	5.093 #
44) L9	AR-1268-4	9.648	8.186	24952622	21064182	270.101	240.080
45) L9	AR-1268-5	10.092	8.483	6983244	5327052	11.030	8.523

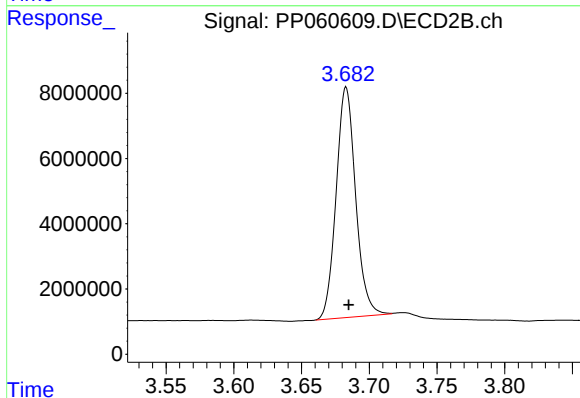
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

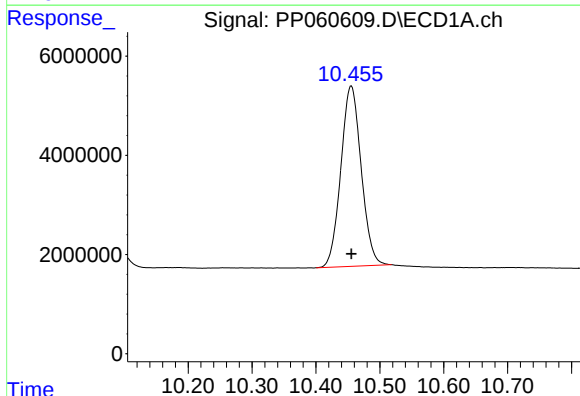
R.T.: 4.531 min
Delta R.T.: -0.001 min
Response: 105503496
Conc: 47.11 ng/ml

Instrument :
ECD_P
ClientSampleId :



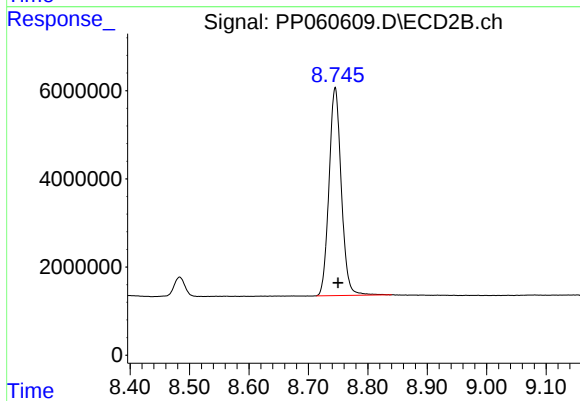
#1 Tetrachloro-m-xylene

R.T.: 3.683 min
Delta R.T.: -0.002 min
Response: 70787639
Conc: 47.56 ng/ml



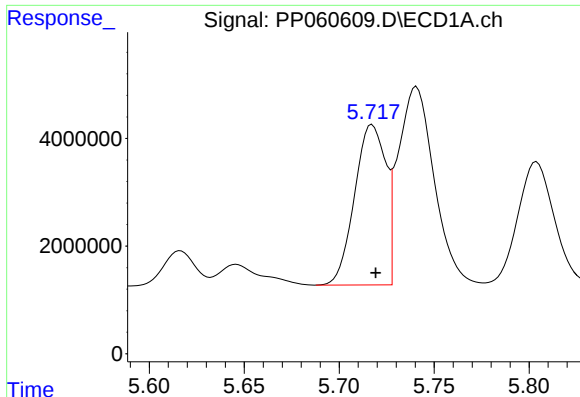
#2 Decachlorobiphenyl

R.T.: 10.455 min
Delta R.T.: 0.000 min
Response: 80485598
Conc: 45.59 ng/ml



#2 Decachlorobiphenyl

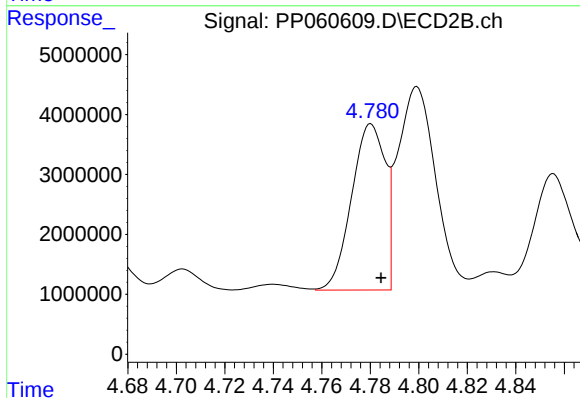
R.T.: 8.745 min
Delta R.T.: -0.005 min
Response: 67666542
Conc: 41.48 ng/ml



#3 AR-1016-1

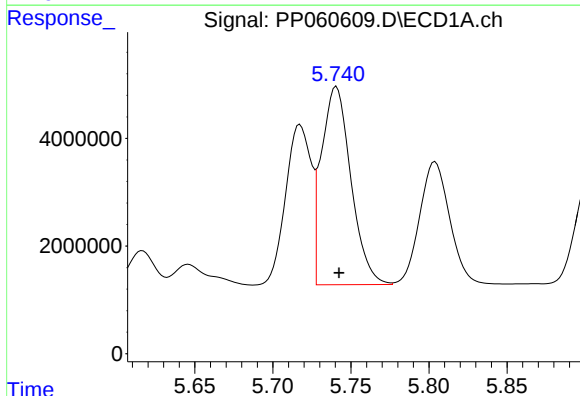
R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 33956386
Conc: 461.33 ng/ml

Instrument :
ECD_P
ClientSampleId :



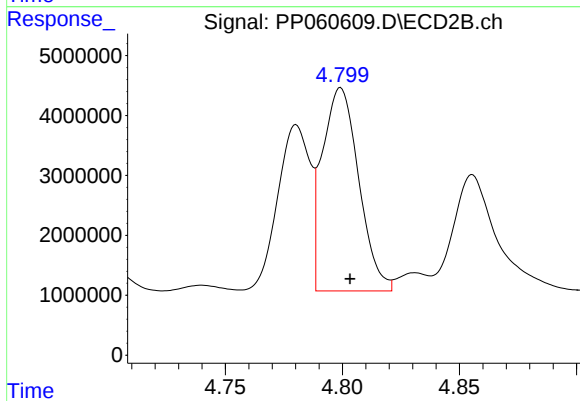
#3 AR-1016-1

R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 26719568
Conc: 459.81 ng/ml



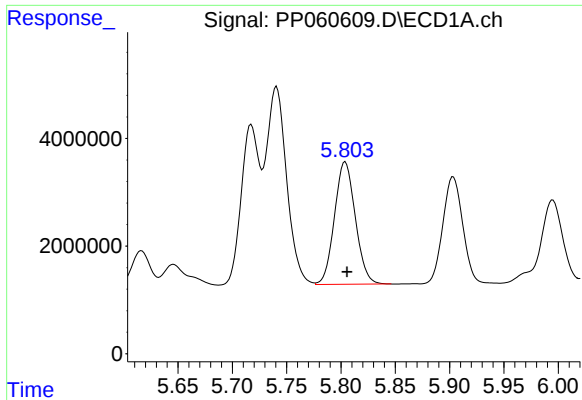
#4 AR-1016-2

R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 48379786
Conc: 461.93 ng/ml



#4 AR-1016-2

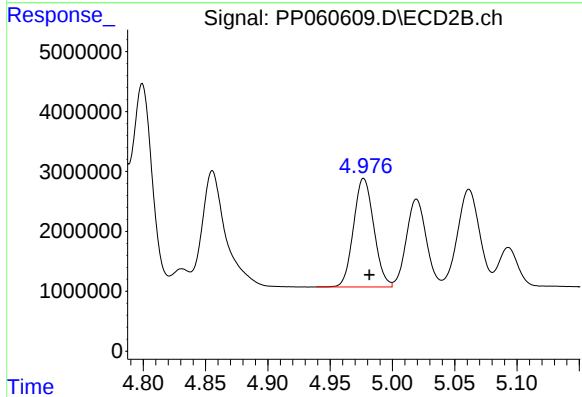
R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 36697253
Conc: 455.84 ng/ml



#5 AR-1016-3

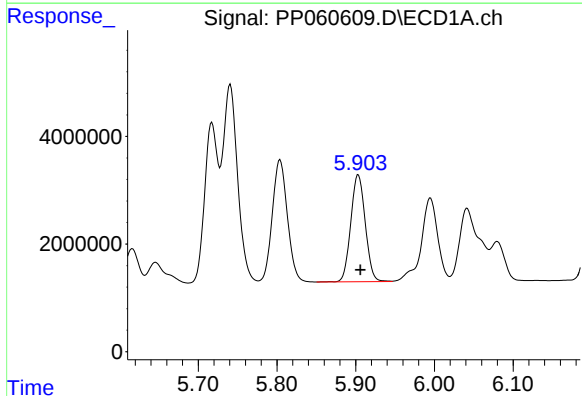
R.T.: 5.804 min
Delta R.T.: -0.002 min
Response: 30380866
Conc: 464.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



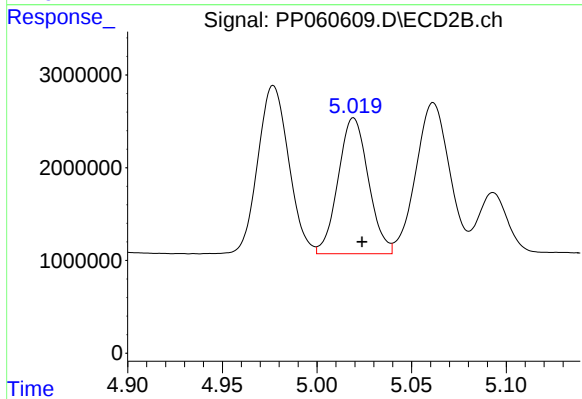
#5 AR-1016-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 20573049
Conc: 460.32 ng/ml



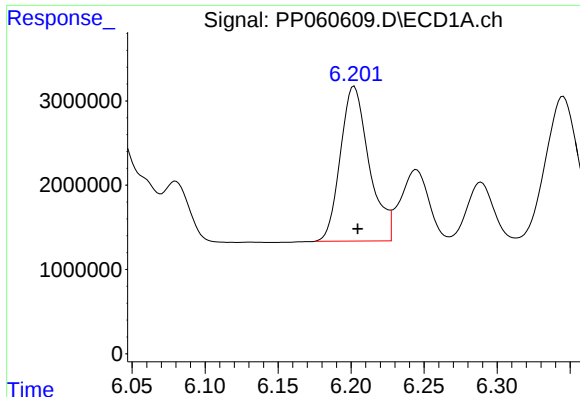
#6 AR-1016-4

R.T.: 5.903 min
Delta R.T.: -0.003 min
Response: 25346483
Conc: 466.10 ng/ml



#6 AR-1016-4

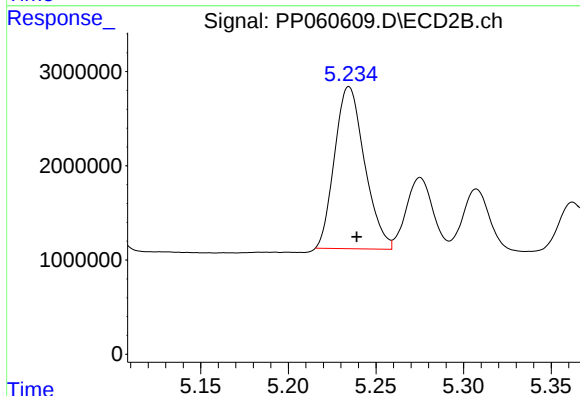
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 16306002
Conc: 453.15 ng/ml



#7 AR-1016-5

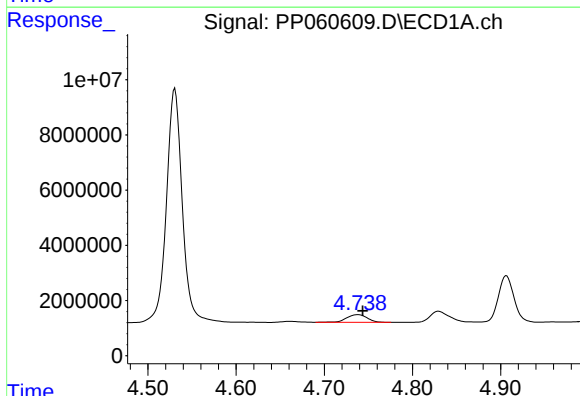
R.T.: 6.202 min
Delta R.T.: -0.002 min
Response: 25167769
Conc: 452.47 ng/ml

Instrument :
ECD_P
ClientSampleId :



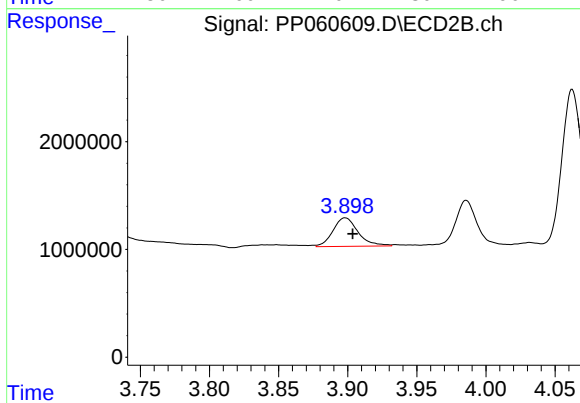
#7 AR-1016-5

R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 20498206
Conc: 421.86 ng/ml



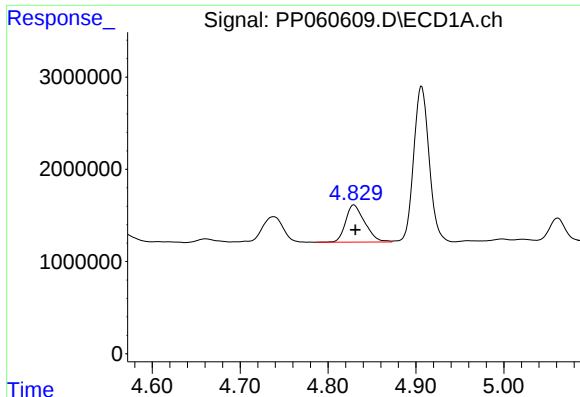
#8 AR-1221-1

R.T.: 4.738 min
Delta R.T.: -0.005 min
Response: 4531039
Conc: 156.85 ng/ml



#8 AR-1221-1

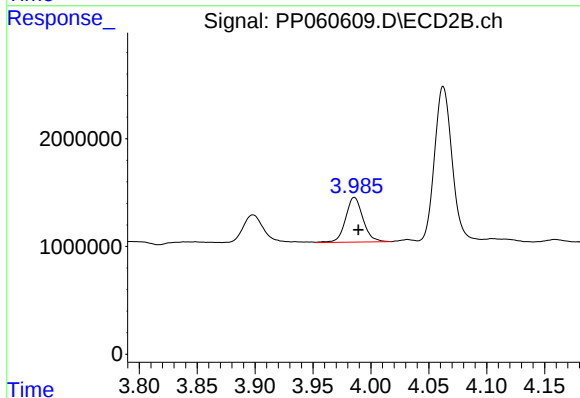
R.T.: 3.898 min
Delta R.T.: -0.005 min
Response: 3366173
Conc: 161.14 ng/ml



#9 AR-1221-2

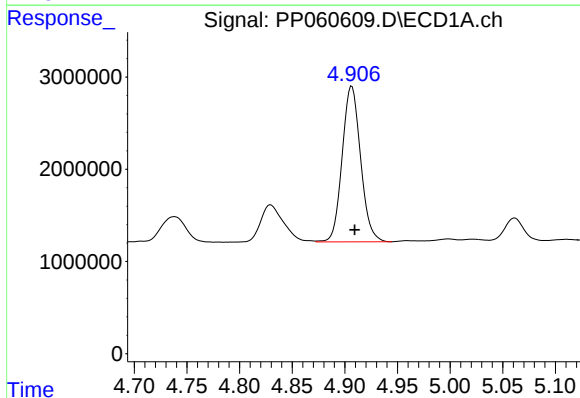
R.T.: 4.830 min
Delta R.T.: -0.002 min
Response: 6105684
Conc: 285.78 ng/ml

Instrument :
ECD_P
ClientSampleId :



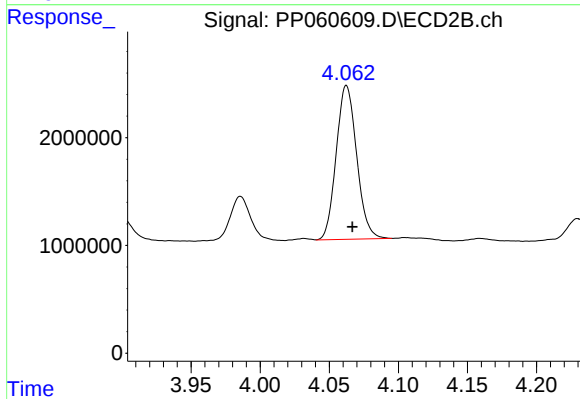
#9 AR-1221-2

R.T.: 3.986 min
Delta R.T.: -0.004 min
Response: 4325202
Conc: 290.07 ng/ml



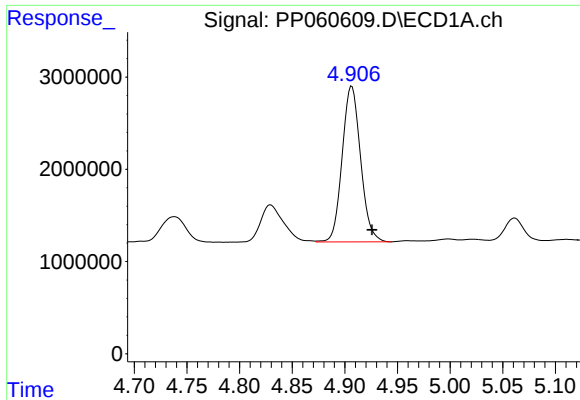
#10 AR-1221-3

R.T.: 4.907 min
Delta R.T.: -0.003 min
Response: 20652815
Conc: 340.08 ng/ml



#10 AR-1221-3

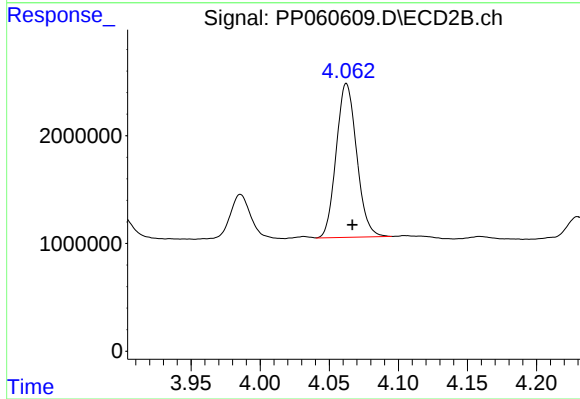
R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 14723909
Conc: 335.18 ng/ml



#11 AR-1232-1

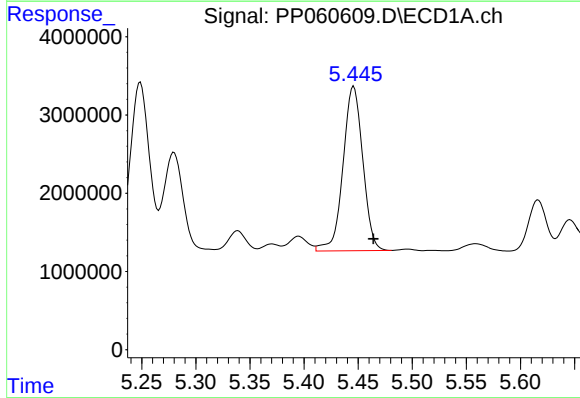
R.T.: 4.907 min
Delta R.T.: -0.019 min
Response: 20652815
Conc: 410.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



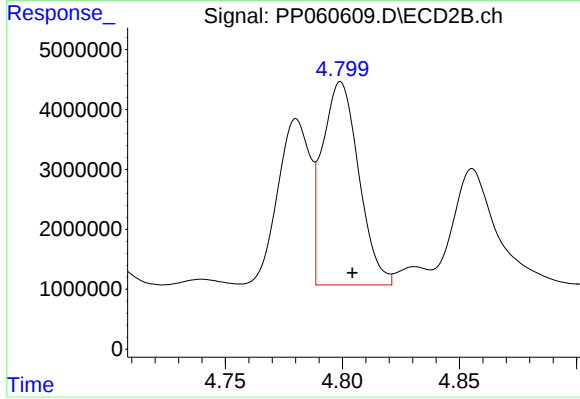
#11 AR-1232-1

R.T.: 4.062 min
Delta R.T.: -0.004 min
Response: 14723909
Conc: 404.62 ng/ml



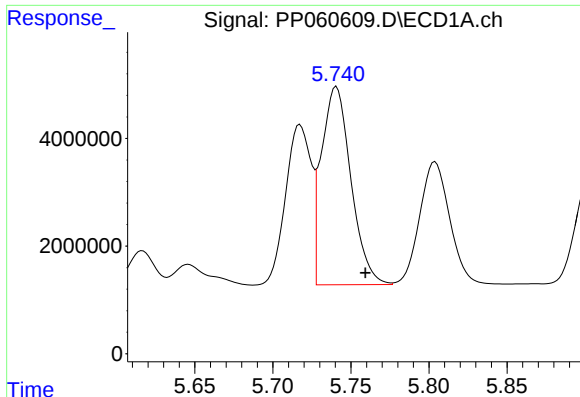
#12 AR-1232-2

R.T.: 5.446 min
Delta R.T.: -0.018 min
Response: 26741757
Conc: 976.59 ng/ml



#12 AR-1232-2

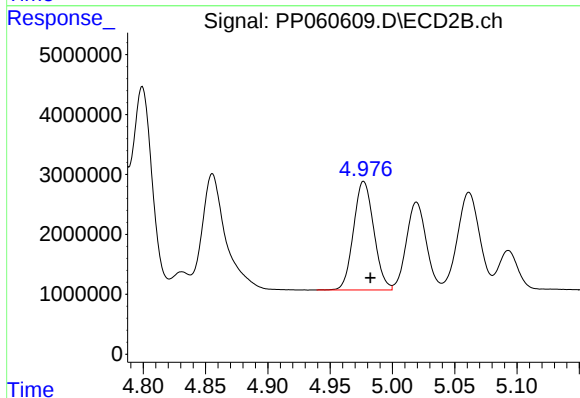
R.T.: 4.799 min
Delta R.T.: -0.005 min
Response: 36697253
Conc: 1006.28 ng/ml



#13 AR-1232-3

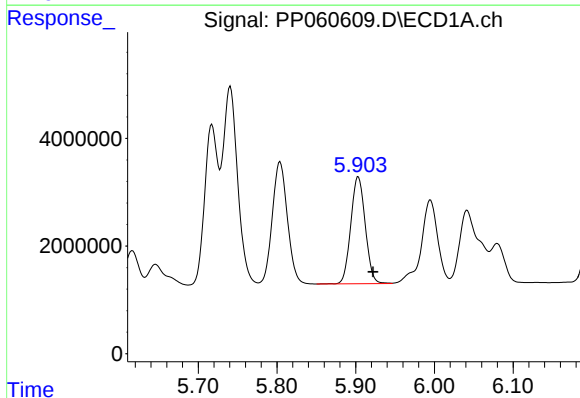
R.T.: 5.741 min
Delta R.T.: -0.018 min
Response: 48379786
Conc: 1042.28 ng/ml

Instrument :
ECD_P
ClientSampleId :



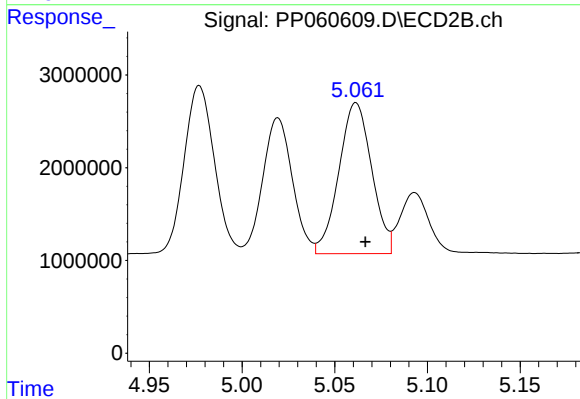
#13 AR-1232-3

R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 20573049
Conc: 1027.87 ng/ml



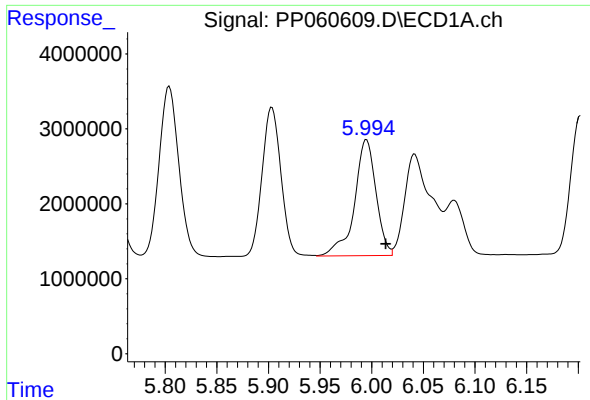
#14 AR-1232-4

R.T.: 5.903 min
Delta R.T.: -0.019 min
Response: 25346483
Conc: 1031.20 ng/ml



#14 AR-1232-4

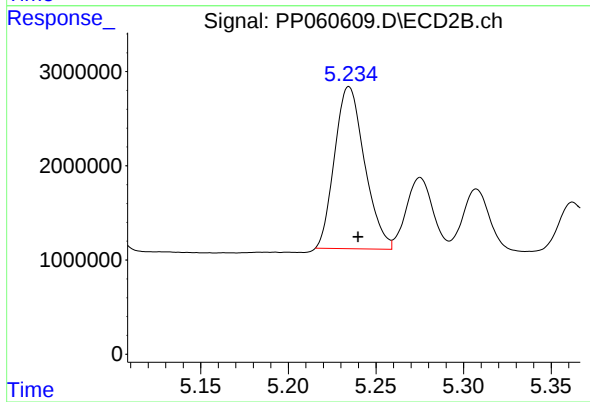
R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 20083181
Conc: 1076.02 ng/ml



#15 AR-1232-5

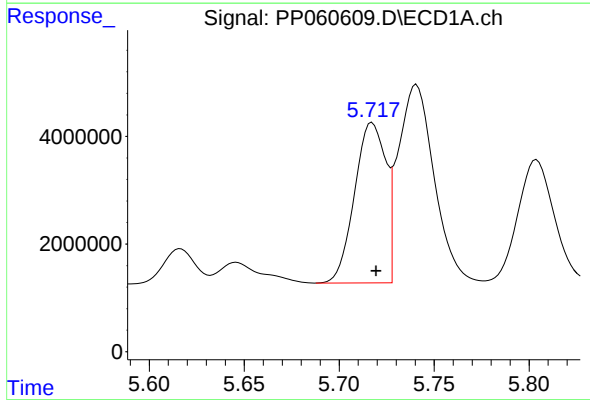
R.T.: 5.995 min
Delta R.T.: -0.019 min
Response: 22445706
Conc: 1083.20 ng/ml

Instrument :
ECD_P
ClientSampleId :



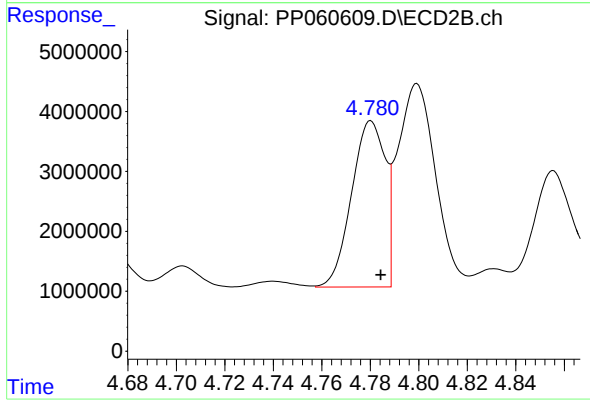
#15 AR-1232-5

R.T.: 5.235 min
Delta R.T.: -0.005 min
Response: 20498206
Conc: 985.52 ng/ml



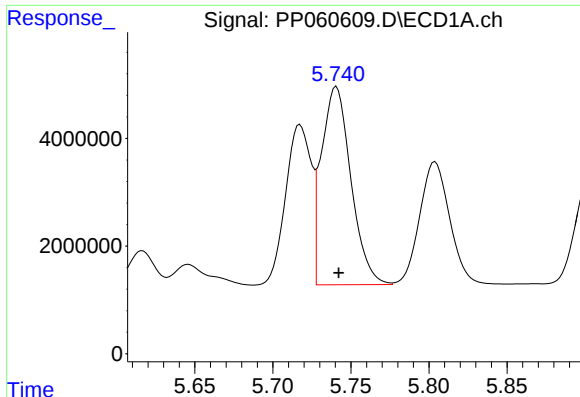
#16 AR-1242-1

R.T.: 5.717 min
Delta R.T.: -0.002 min
Response: 33956386
Conc: 531.34 ng/ml



#16 AR-1242-1

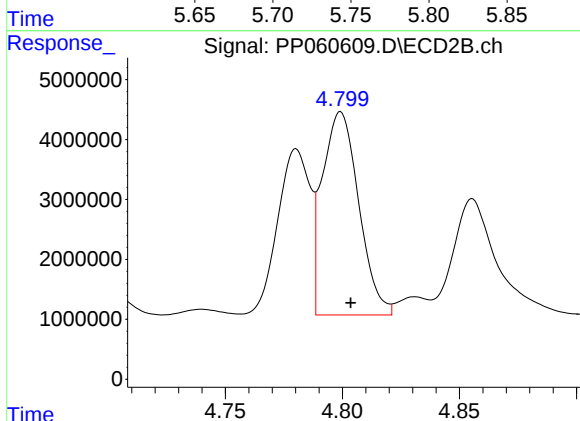
R.T.: 4.780 min
Delta R.T.: -0.004 min
Response: 26719568
Conc: 527.77 ng/ml



#17 AR-1242-2

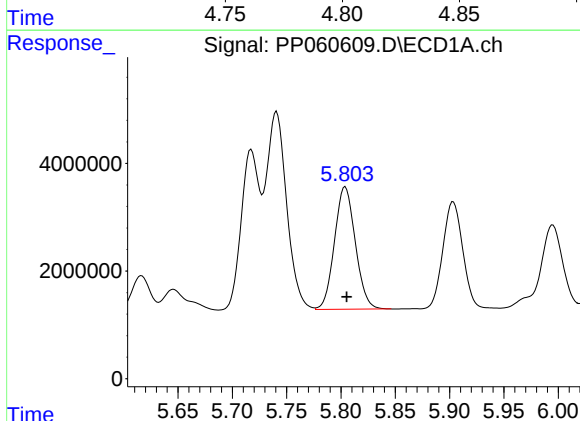
R.T.: 5.741 min
Delta R.T.: -0.002 min
Response: 48379786
Conc: 534.31 ng/ml

Instrument :
ECD_P
ClientSampleId :



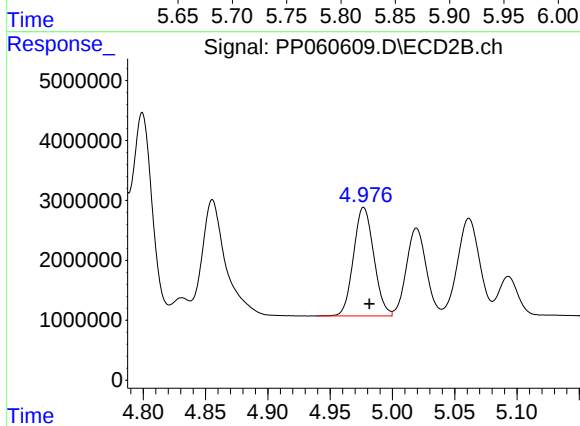
#17 AR-1242-2

R.T.: 4.799 min
Delta R.T.: -0.004 min
Response: 36697253
Conc: 528.44 ng/ml



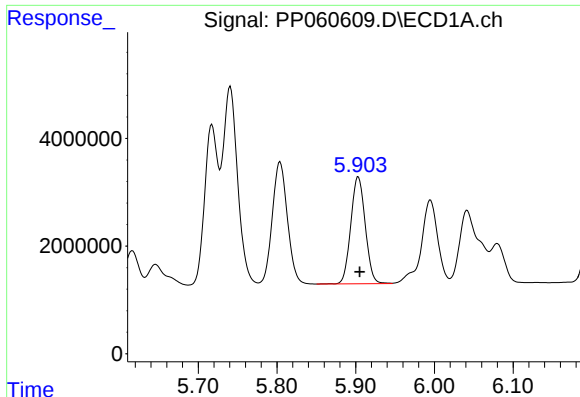
#18 AR-1242-3

R.T.: 5.804 min
Delta R.T.: -0.001 min
Response: 30380866
Conc: 539.62 ng/ml



#18 AR-1242-3

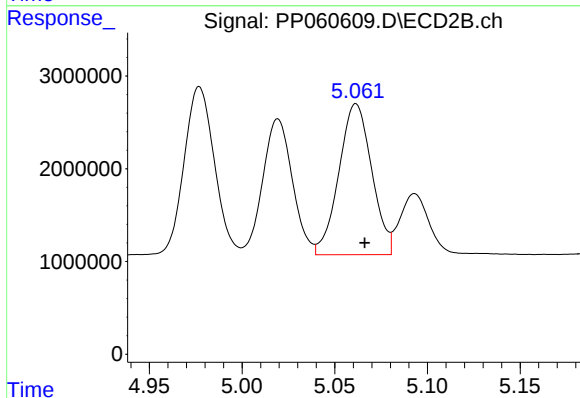
R.T.: 4.977 min
Delta R.T.: -0.005 min
Response: 20573049
Conc: 534.22 ng/ml



#19 AR-1242-4

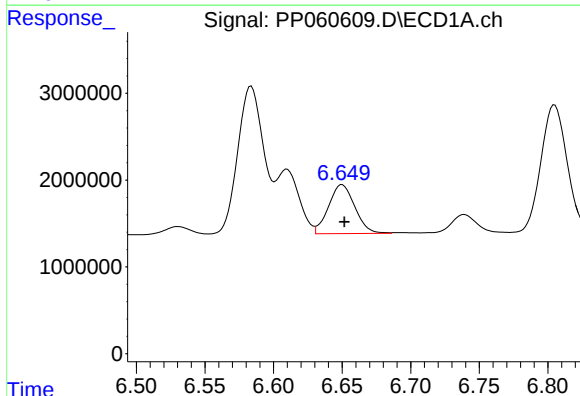
R.T.: 5.903 min
Delta R.T.: -0.002 min
Response: 25346483
Conc: 542.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



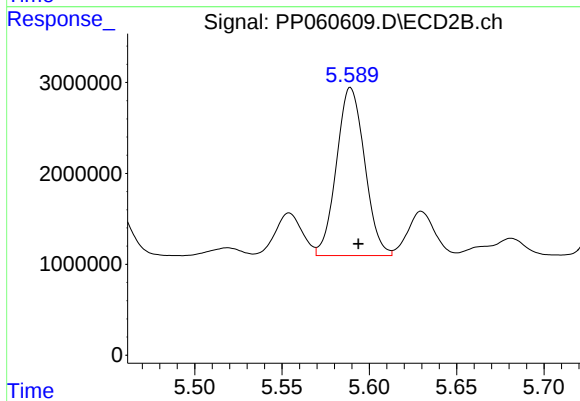
#19 AR-1242-4

R.T.: 5.061 min
Delta R.T.: -0.005 min
Response: 20083181
Conc: 509.95 ng/ml



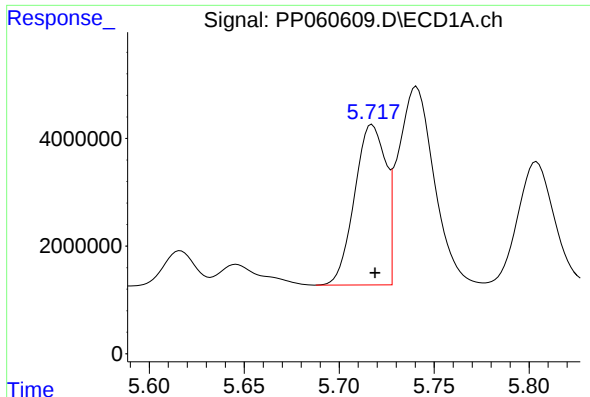
#20 AR-1242-5

R.T.: 6.650 min
Delta R.T.: -0.002 min
Response: 7500457
Conc: 149.13 ng/ml



#20 AR-1242-5

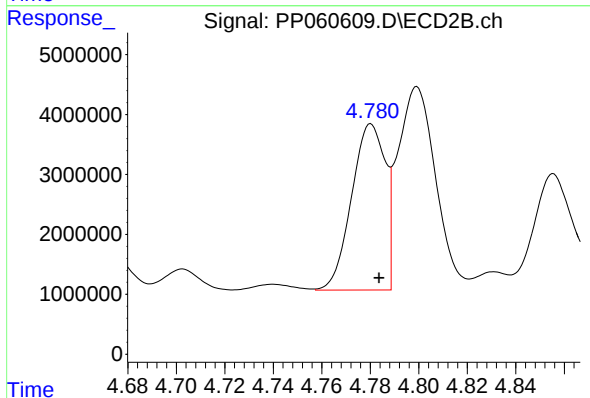
R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 20765690
Conc: 424.51 ng/ml



#21 AR-1248-1

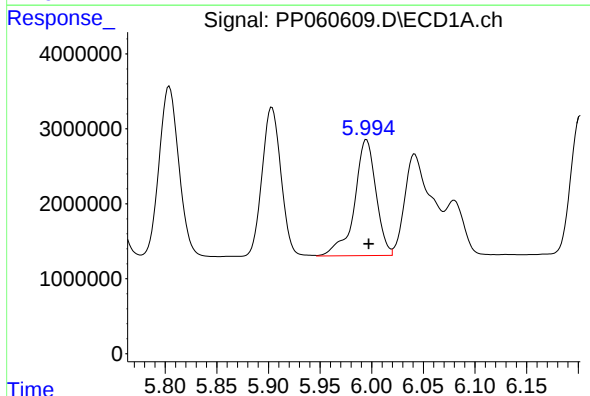
R.T.: 5.717 min
Delta R.T.: -0.001 min
Response: 33956386
Conc: 729.86 ng/ml

Instrument :
ECD_P
ClientSampleId :



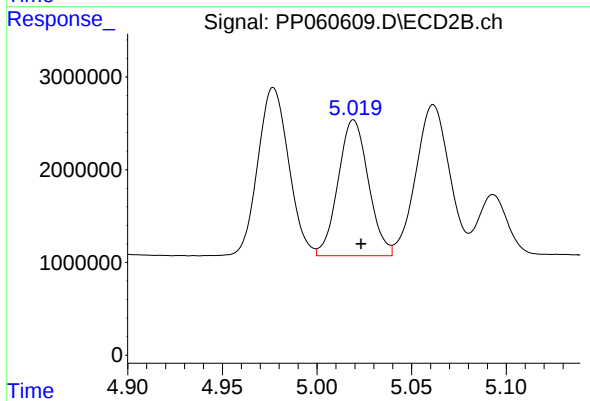
#21 AR-1248-1

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 26719568
Conc: 732.17 ng/ml



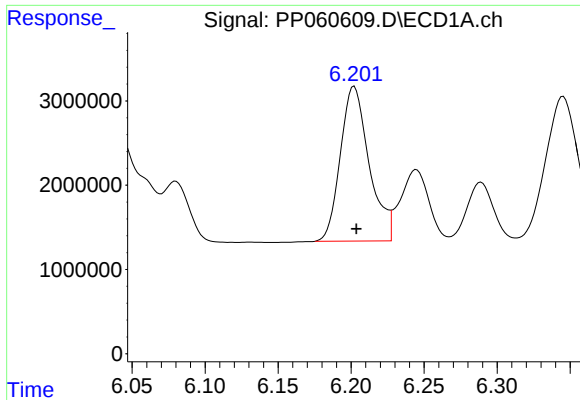
#22 AR-1248-2

R.T.: 5.995 min
Delta R.T.: -0.002 min
Response: 22445706
Conc: 323.73 ng/ml



#22 AR-1248-2

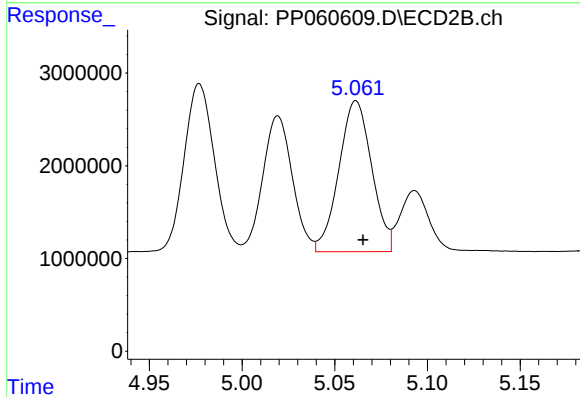
R.T.: 5.019 min
Delta R.T.: -0.004 min
Response: 16306002
Conc: 311.95 ng/ml



#23 AR-1248-3

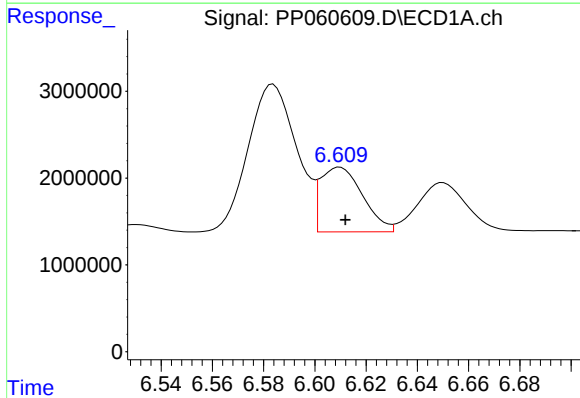
R.T.: 6.202 min
Delta R.T.: -0.001 min
Response: 25167769
Conc: 331.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



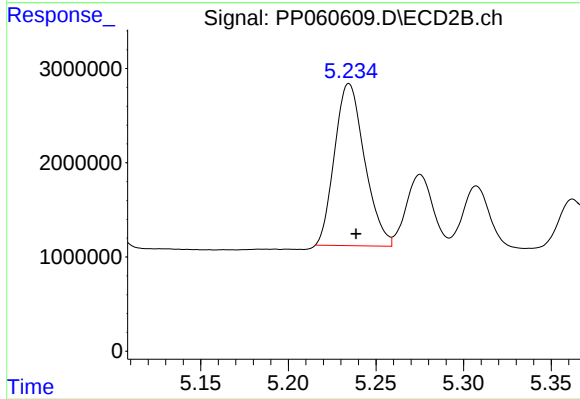
#23 AR-1248-3

R.T.: 5.061 min
Delta R.T.: -0.004 min
Response: 20083181
Conc: 361.70 ng/ml



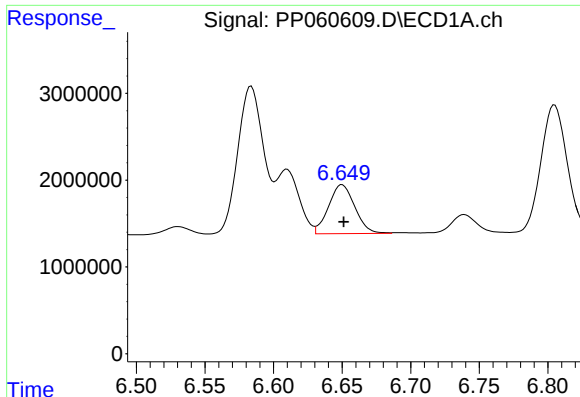
#24 AR-1248-4

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 8518948
Conc: 103.00 ng/ml



#24 AR-1248-4

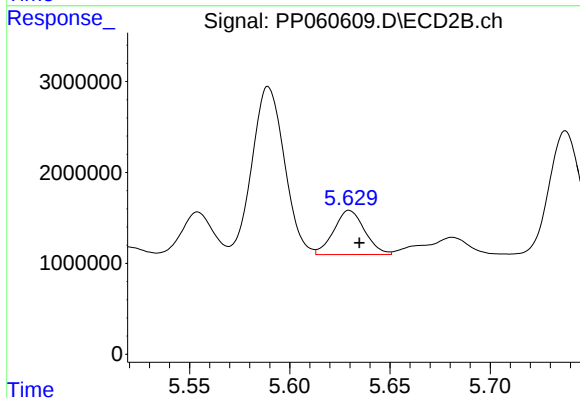
R.T.: 5.235 min
Delta R.T.: -0.004 min
Response: 20498206
Conc: 311.39 ng/ml



#25 AR-1248-5

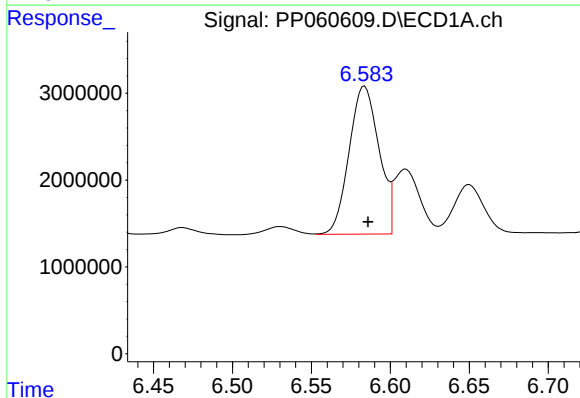
R.T.: 6.650 min
Delta R.T.: -0.001 min
Response: 7500457
Conc: 93.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



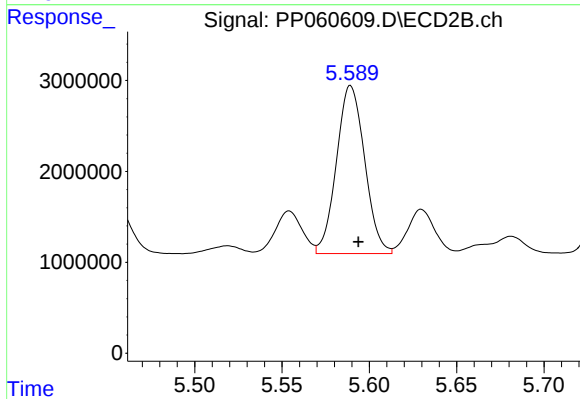
#25 AR-1248-5

R.T.: 5.630 min
Delta R.T.: -0.005 min
Response: 5218027
Conc: 81.12 ng/ml



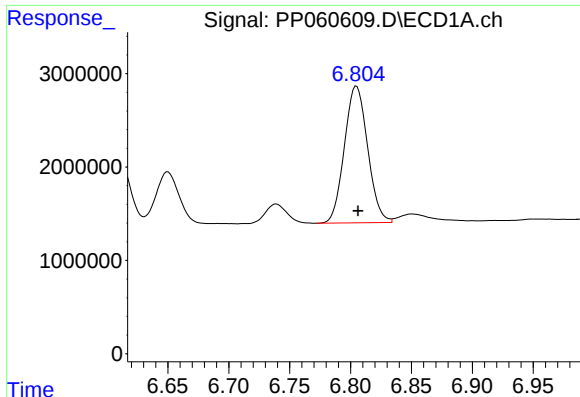
#26 AR-1254-1

R.T.: 6.584 min
Delta R.T.: -0.002 min
Response: 22485076
Conc: 263.48 ng/ml



#26 AR-1254-1

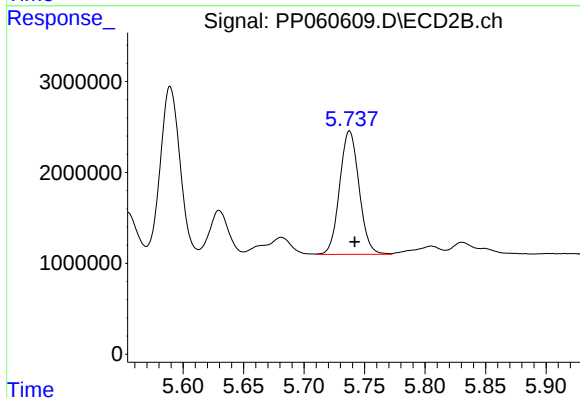
R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 20765690
Conc: 209.93 ng/ml



#27 AR-1254-2

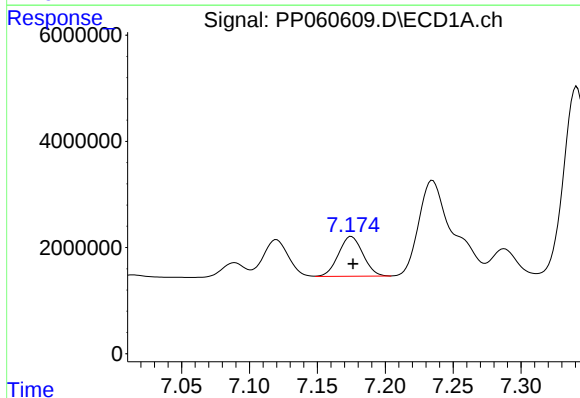
R.T.: 6.805 min
Delta R.T.: -0.001 min
Response: 19485976
Conc: 152.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



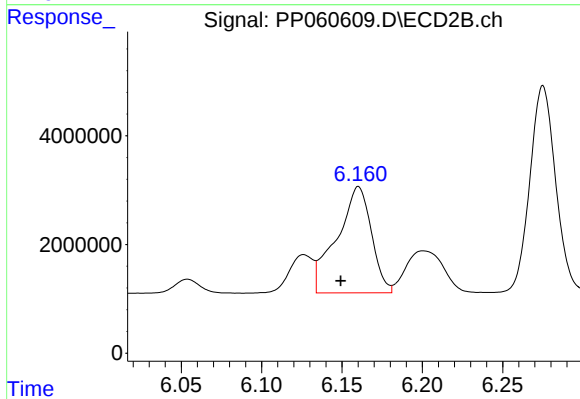
#27 AR-1254-2

R.T.: 5.738 min
Delta R.T.: -0.004 min
Response: 15174140
Conc: 176.56 ng/ml



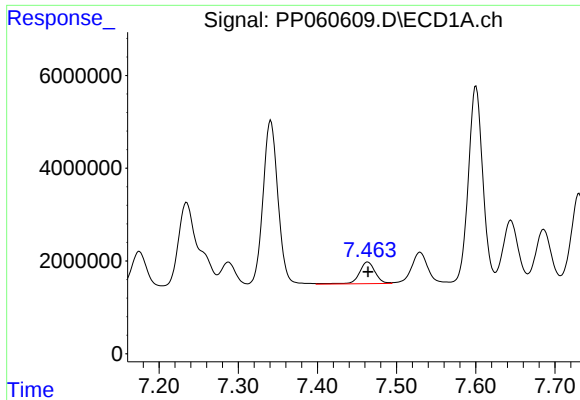
#28 AR-1254-3

R.T.: 7.175 min
Delta R.T.: -0.001 min
Response: 9412737
Conc: 70.82 ng/ml



#28 AR-1254-3

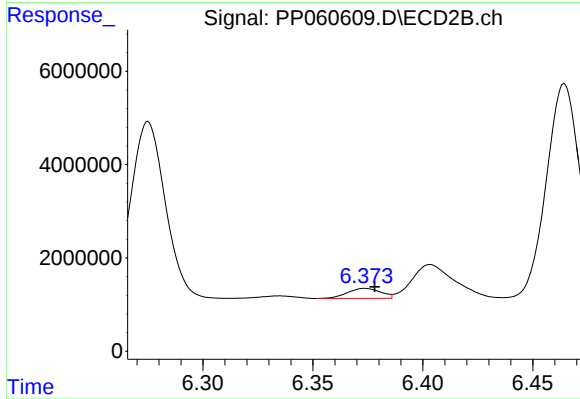
R.T.: 6.160 min
Delta R.T.: 0.011 min
Response: 29315403
Conc: 204.54 ng/ml



#29 AR-1254-4

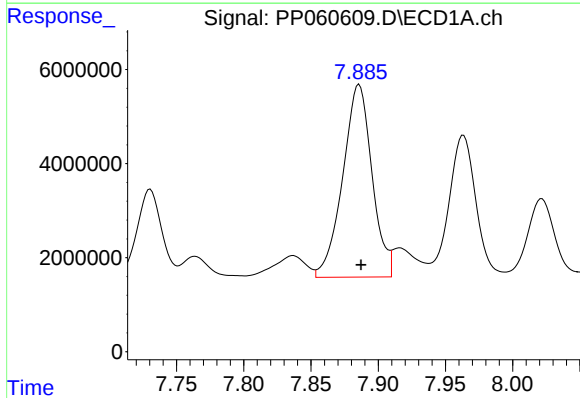
R.T.: 7.463 min
Delta R.T.: 0.000 min
Response: 6554687
Conc: 66.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



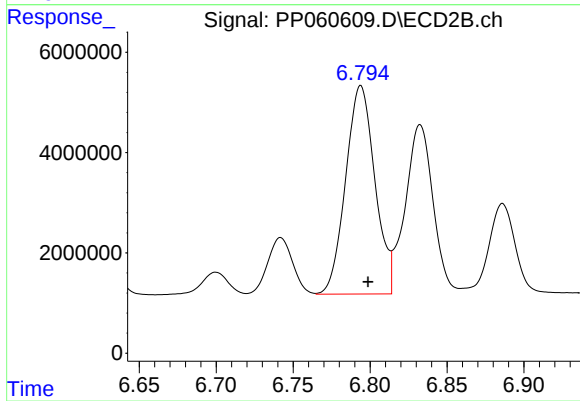
#29 AR-1254-4

R.T.: 6.374 min
Delta R.T.: -0.005 min
Response: 2261915
Conc: 25.95 ng/ml



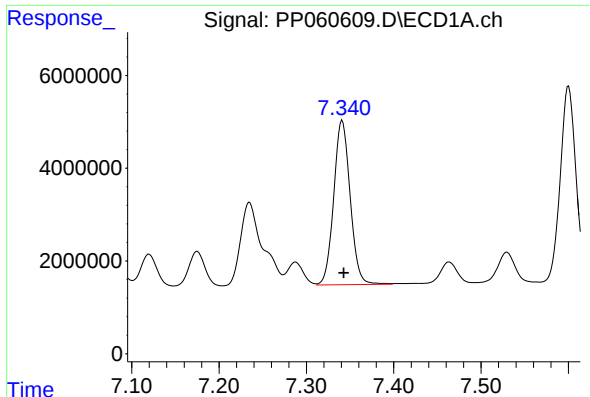
#30 AR-1254-5

R.T.: 7.886 min
Delta R.T.: -0.001 min
Response: 61924411
Conc: 571.56 ng/ml



#30 AR-1254-5

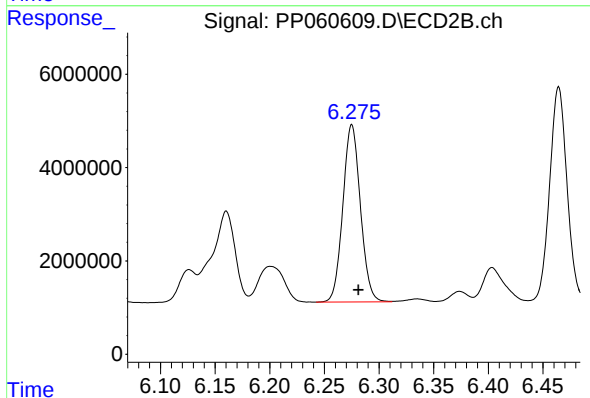
R.T.: 6.794 min
Delta R.T.: -0.005 min
Response: 54890246
Conc: 433.16 ng/ml



#31 AR-1260-1

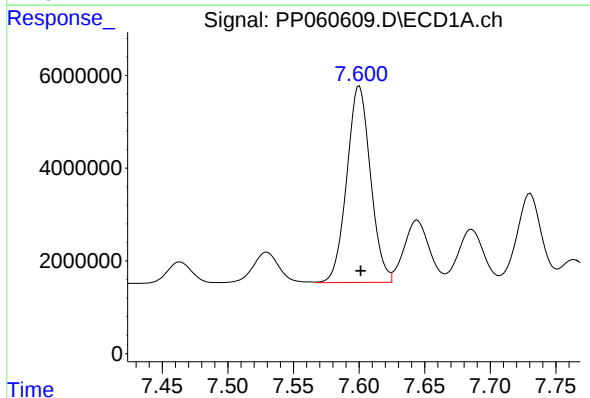
R.T.: 7.341 min
Delta R.T.: -0.002 min
Response: 46296642
Conc: 441.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



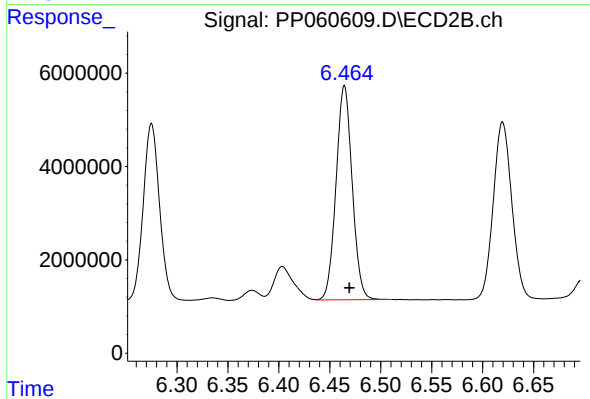
#31 AR-1260-1

R.T.: 6.275 min
Delta R.T.: -0.006 min
Response: 42442198
Conc: 422.84 ng/ml



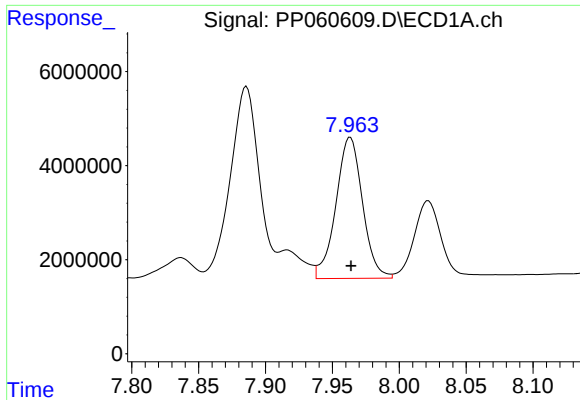
#32 AR-1260-2

R.T.: 7.600 min
Delta R.T.: 0.000 min
Response: 53359960
Conc: 441.33 ng/ml



#32 AR-1260-2

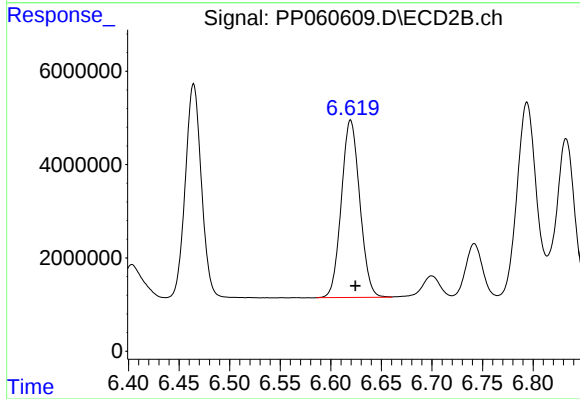
R.T.: 6.464 min
Delta R.T.: -0.005 min
Response: 50578119
Conc: 423.94 ng/ml



#33 AR-1260-3

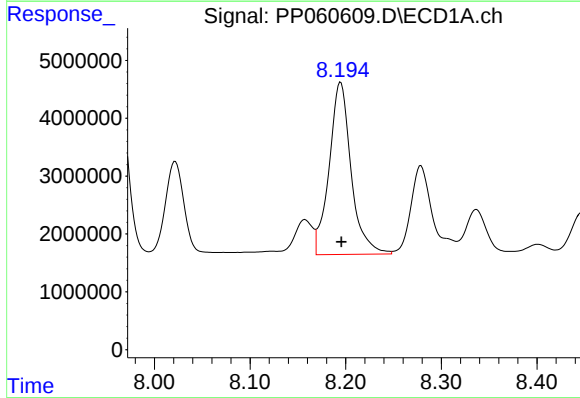
R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 41666703
Conc: 449.53 ng/ml

Instrument :
ECD_P
ClientSampleId :



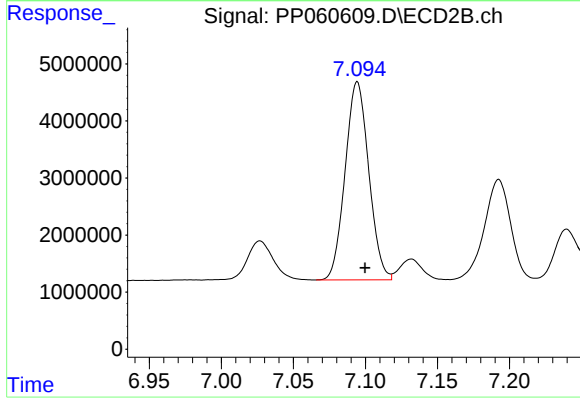
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.005 min
Response: 48242183
Conc: 421.35 ng/ml



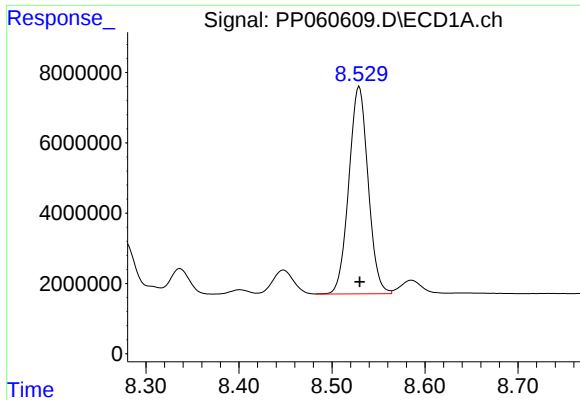
#34 AR-1260-4

R.T.: 8.195 min
Delta R.T.: 0.000 min
Response: 47504758
Conc: 447.94 ng/ml



#34 AR-1260-4

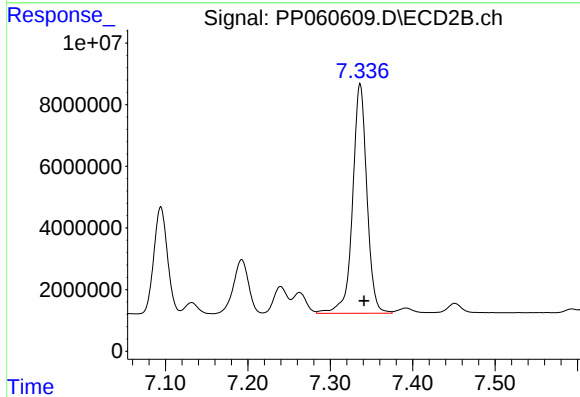
R.T.: 7.094 min
Delta R.T.: -0.005 min
Response: 39636330
Conc: 416.43 ng/ml



#35 AR-1260-5

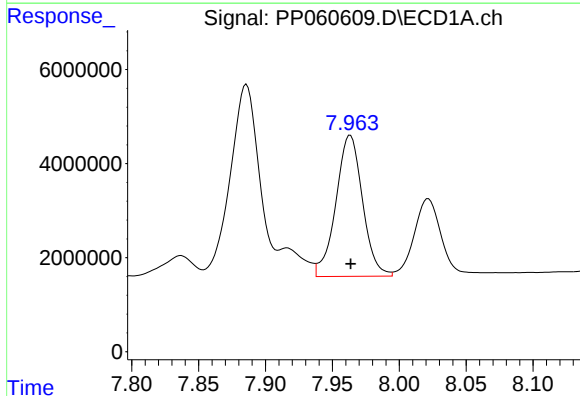
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 84768835
Conc: 438.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



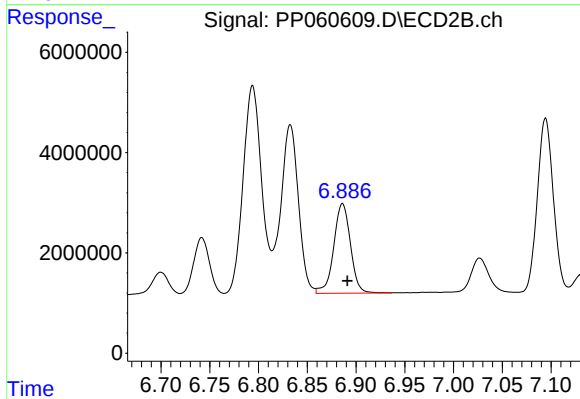
#35 AR-1260-5

R.T.: 7.336 min
Delta R.T.: -0.005 min
Response: 89951064
Conc: 415.07 ng/ml



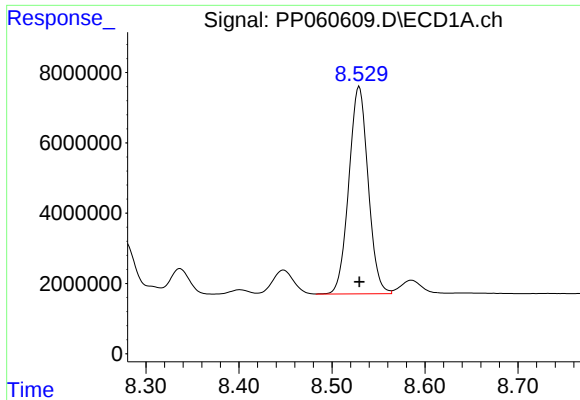
#36 AR-1262-1

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 41666703
Conc: 334.04 ng/ml



#36 AR-1262-1

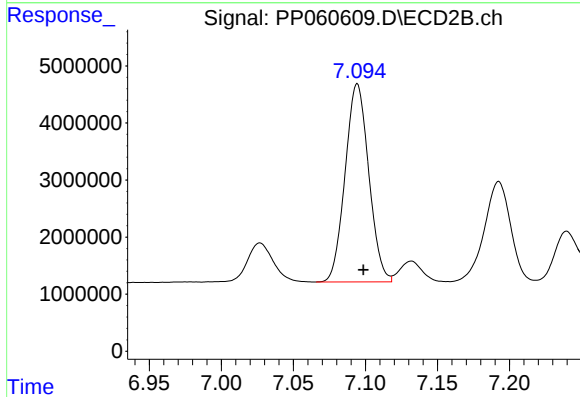
R.T.: 6.886 min
Delta R.T.: -0.005 min
Response: 21356259
Conc: 398.83 ng/ml



#37 AR-1262-2

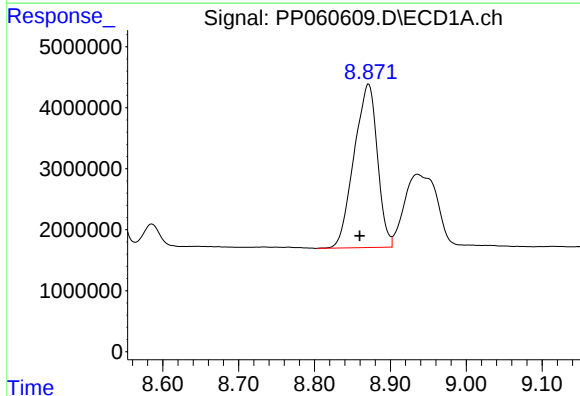
R.T.: 8.529 min
Delta R.T.: 0.000 min
Response: 84768835
Conc: 404.66 ng/ml

Instrument :
ECD_P
ClientSampleId :



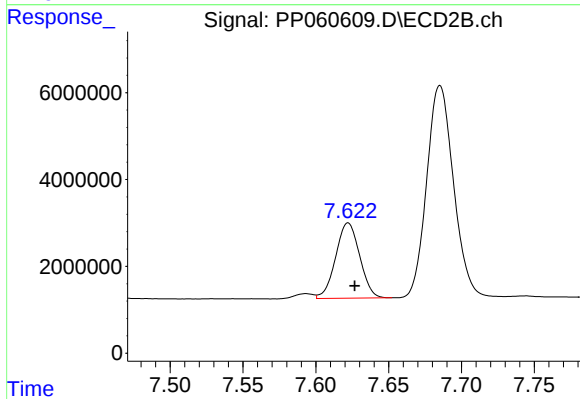
#37 AR-1262-2

R.T.: 7.094 min
Delta R.T.: -0.004 min
Response: 39636330
Conc: 336.04 ng/ml



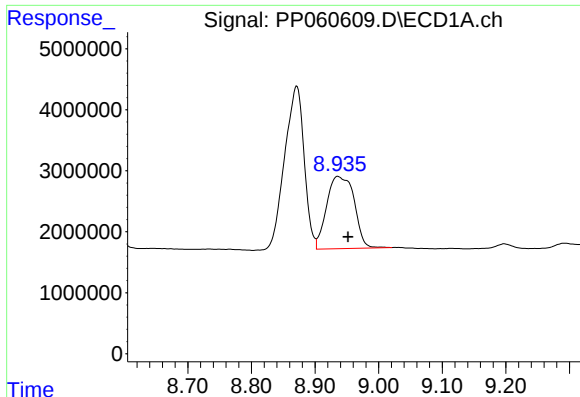
#38 AR-1262-3

R.T.: 8.871 min
Delta R.T.: 0.012 min
Response: 57229430
Conc: 378.16 ng/ml



#38 AR-1262-3

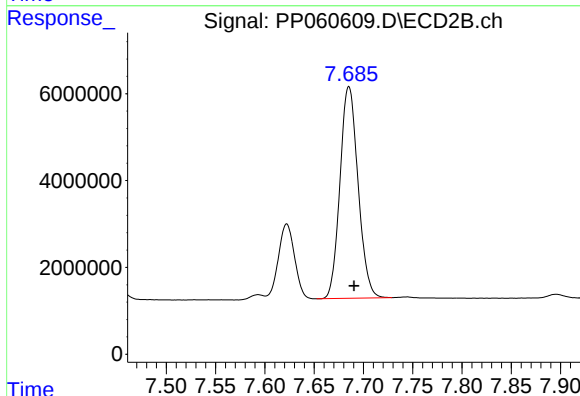
R.T.: 7.622 min
Delta R.T.: -0.004 min
Response: 19933735
Conc: 216.18 ng/ml



#39 AR-1262-4

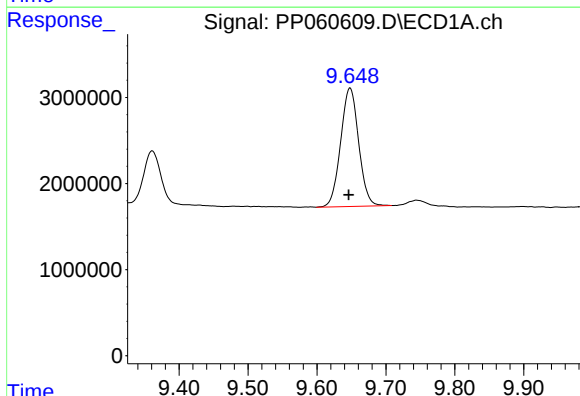
R.T.: 8.936 min
Delta R.T.: -0.016 min
Response: 35683100
Conc: 298.16 ng/ml

Instrument :
ECD_P
ClientSampleId :



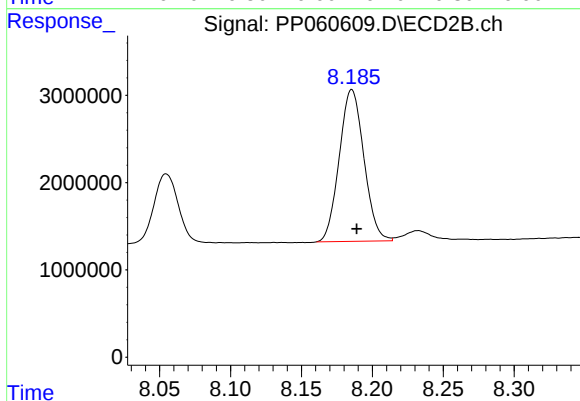
#39 AR-1262-4

R.T.: 7.685 min
Delta R.T.: -0.005 min
Response: 62338764
Conc: 370.05 ng/ml



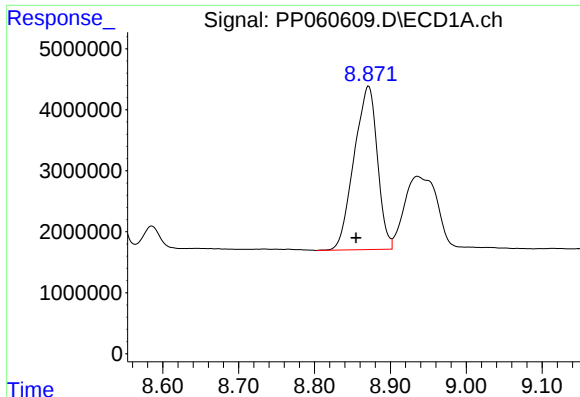
#40 AR-1262-5

R.T.: 9.648 min
Delta R.T.: 0.002 min
Response: 24952622
Conc: 311.66 ng/ml



#40 AR-1262-5

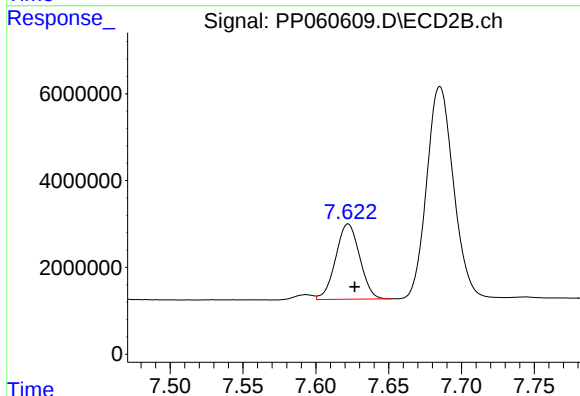
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 21064182
Conc: 271.89 ng/ml



#41 AR-1268-1

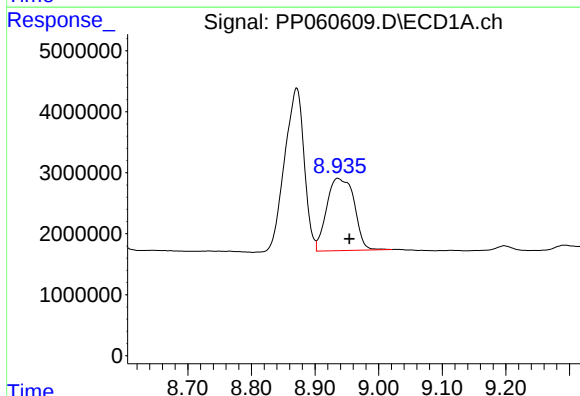
R.T.: 8.871 min
Delta R.T.: 0.017 min
Response: 57229430
Conc: 215.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



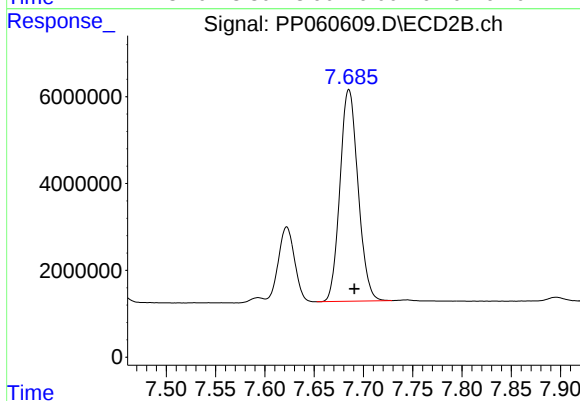
#41 AR-1268-1

R.T.: 7.622 min
Delta R.T.: -0.005 min
Response: 19933735
Conc: 73.33 ng/ml



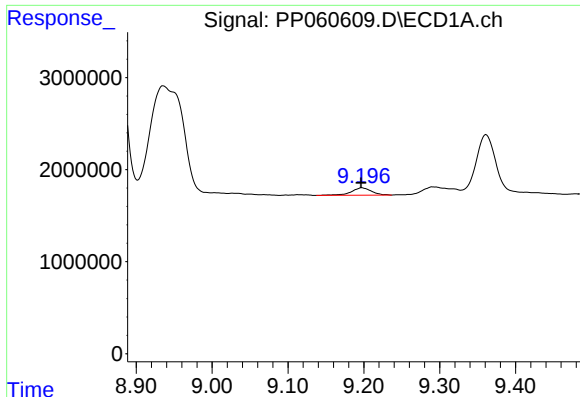
#42 AR-1268-2

R.T.: 8.936 min
Delta R.T.: -0.018 min
Response: 35683100
Conc: 146.40 ng/ml



#42 AR-1268-2

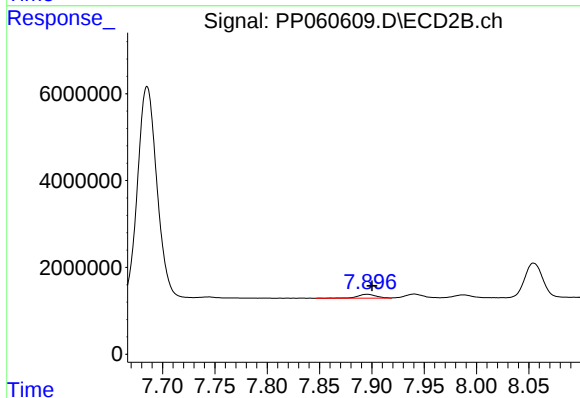
R.T.: 7.685 min
Delta R.T.: -0.006 min
Response: 62338764
Conc: 255.62 ng/ml



#43 AR-1268-3

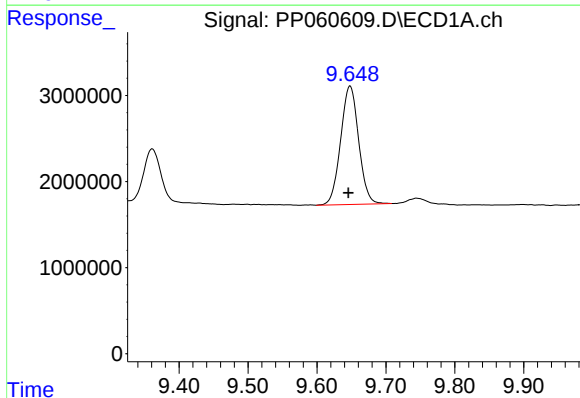
R.T.: 9.197 min
Delta R.T.: 0.001 min
Response: 1451735
Conc: 6.94 ng/ml

Instrument :
ECD_P
ClientSampleId :



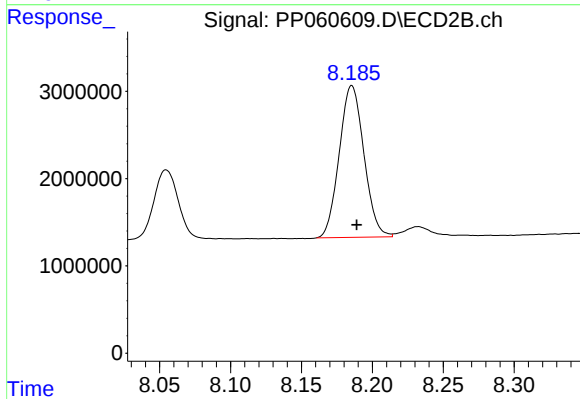
#43 AR-1268-3

R.T.: 7.896 min
Delta R.T.: -0.005 min
Response: 1089401
Conc: 5.09 ng/ml



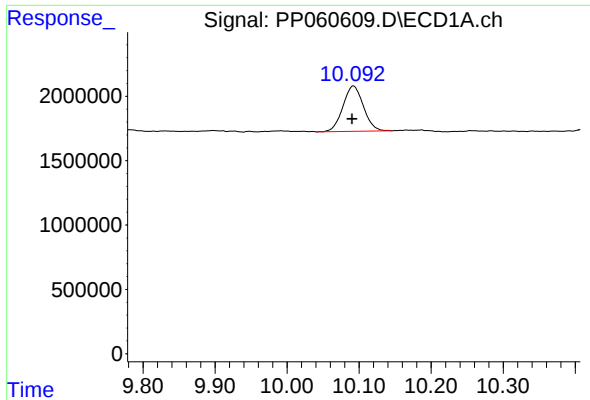
#44 AR-1268-4

R.T.: 9.648 min
Delta R.T.: 0.003 min
Response: 24952622
Conc: 270.10 ng/ml



#44 AR-1268-4

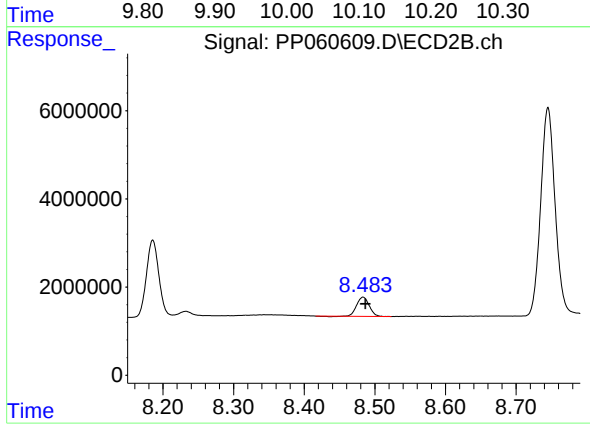
R.T.: 8.186 min
Delta R.T.: -0.003 min
Response: 21064182
Conc: 240.08 ng/ml



#45 AR-1268-5

R.T.: 10.092 min
Delta R.T.: 0.002 min
Response: 6983244
Conc: 11.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.483 min
Delta R.T.: -0.004 min
Response: 5327052
Conc: 8.52 ng/ml