

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060889.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 04:47
 Operator : YP\AJ
 Sample : AR1248CCC500
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:16:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Wed Sep 27 11:30:16 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.534	3.685	111.3E6	78030689	49.719	52.422
2)	SA Decachlor...	10.471	8.752	81486856	72409674	46.154	44.391
Target Compounds							
3)	L1 AR-1016-1	5.722	4.783	23496550	17426890	319.226	299.896
4)	L1 AR-1016-2	5.746	4.802	27414511	17367008	261.756	215.724
5)	L1 AR-1016-3	5.809	4.981	13850232	12218039	211.919	273.380 #
6)	L1 AR-1016-4	5.908	5.022	15834841	23342400	291.192	648.693 #
7)	L1 AR-1016-5	6.208	5.237	36922720	29962052	663.807	616.631
8)	L2 AR-1221-1	0.000	3.901	0	175785	N.D.	8.415 #
9)	L2 AR-1221-2	4.845	3.989	2566673	1514076	120.134	101.542
10)	L2 AR-1221-3	4.911	4.065	2299258	1398453	37.861	31.835
11)	L3 AR-1232-1	4.911	4.065	2299258	1398453	45.676	38.430
12)	L3 AR-1232-2	5.450	4.802	10618680	17367008	387.787	476.221
13)	L3 AR-1232-3	5.746	4.981	27414511	12218039	590.611	610.436
14)	L3 AR-1232-4	5.908	5.064	15834841	25248895	644.227	1352.796 #
15)	L3 AR-1232-5	6.001	5.237	33703903	29962052	1626.505	1440.527
16)	L4 AR-1242-1	5.722	4.783	23496550	17426890	367.667	344.220
17)	L4 AR-1242-2	5.746	4.802	27414511	17367008	302.768	250.085
18)	L4 AR-1242-3	5.809	4.981	13850232	12218039	246.005	317.263 #
19)	L4 AR-1242-4	5.908	5.064	15834841	25248895	339.033	641.113 #
20)	L4 AR-1242-5	6.656	5.592	39198088	40716133	779.349	832.348
21)	L5 AR-1248-1	5.722	4.783	23496550	17426890	505.037	477.532
22)	L5 AR-1248-2	6.001	5.022	33703903	23342400	486.101	446.557
23)	L5 AR-1248-3	6.208	5.064	36922720	25248895	486.148	454.736
24)	L5 AR-1248-4	6.617	5.237	39954155	29962052	483.087	455.163
25)	L5 AR-1248-5	6.656	5.633	39198088	28384773	487.036	441.290
26)	L6 AR-1254-1	6.589	5.592	31299088	40716133	366.756	411.612
27)	L6 AR-1254-2	6.815	5.741	39827486	12307993	312.063	143.211 #
28)	L6 AR-1254-3	7.182	6.148	22233983	19504808	167.278	136.086
29)	L6 AR-1254-4	7.470	6.378	15788951	13099573	160.556	150.288
30)	L6 AR-1254-5	7.893	6.799	4094140	4020617	37.789	31.728
31)	L7 AR-1260-1	7.350	6.294	2750387	7534181	26.238	75.060 #
32)	L7 AR-1260-2	7.606	6.467	3784459	2262031	31.301	18.960 #
33)	L7 AR-1260-3	7.957	6.622	1178894	2188917	12.719	19.118 #
34)	L7 AR-1260-4	8.190	7.098	1993747	270615	18.800	2.843 #
35)	L7 AR-1260-5	8.537	7.340	497373	625861	2.570	2.888
36)	L8 AR-1262-1	7.957	6.869f	1178894	571806	9.451	10.679
37)	L8 AR-1262-2	8.537	7.098	497373	270615	2.374	2.294
38)	L8 AR-1262-3	8.881f	7.631	349477	395085	2.309	4.285 #
39)	L8 AR-1262-4	0.000	7.689	0	570993	N.D.	3.389 #
40)	L8 AR-1262-5	0.000	8.193	0	101403	N.D.	1.309 #
41)	L9 AR-1268-1	8.881f	7.631	349477	395085	1.317	1.453

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
Data File : PP060889.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 11 Oct 2023 04:47
Operator : YP\AJ
Sample : AR1248CCC500
Misc :
ALS Vial : 5 Sample Multiplier: 1

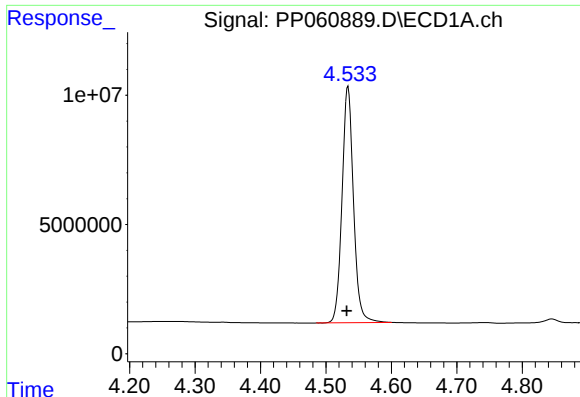
Instrument :
ECD_P
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 11 05:16:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP092623.M
Quant Title : GC EXTRACTABLES
QLast Update : Wed Sep 27 11:30:16 2023
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.689	0	570993	N.D.	2.341 #
43) L9	AR-1268-3	0.000	7.900	0	245035	N.D.	1.146 #
44) L9	AR-1268-4	0.000	8.193	0	101403	N.D.	1.156 #
45) L9	AR-1268-5	10.108f	8.490	535851	577342	0.846	0.924

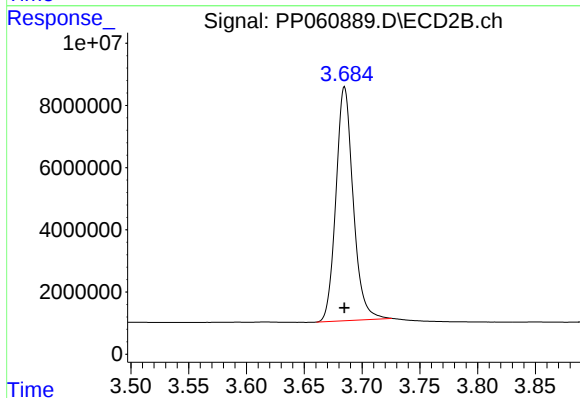
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

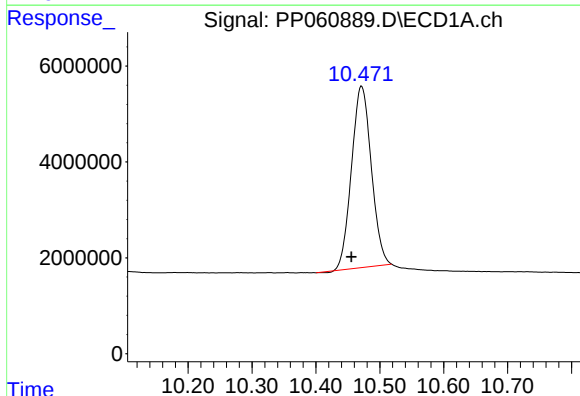
R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 111344874
Conc: 49.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



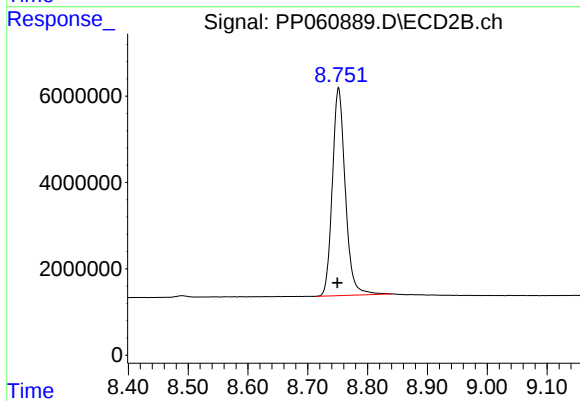
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 78030689
Conc: 52.42 ng/ml



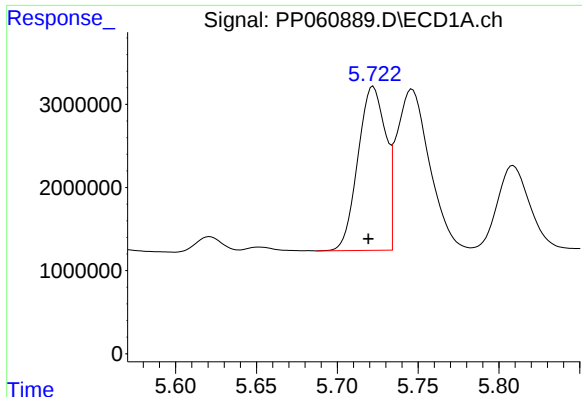
#2 Decachlorobiphenyl

R.T.: 10.471 min
Delta R.T.: 0.016 min
Response: 81486856
Conc: 46.15 ng/ml



#2 Decachlorobiphenyl

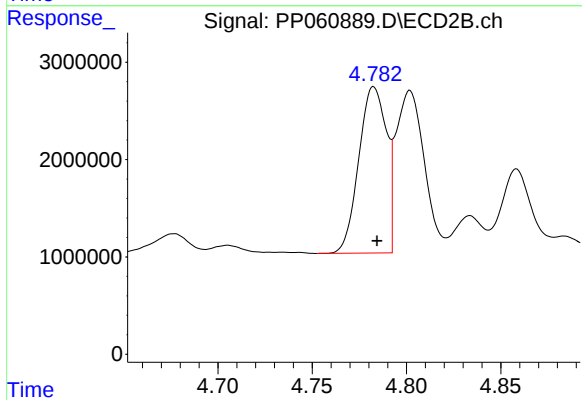
R.T.: 8.752 min
Delta R.T.: 0.002 min
Response: 72409674
Conc: 44.39 ng/ml



#3 AR-1016-1

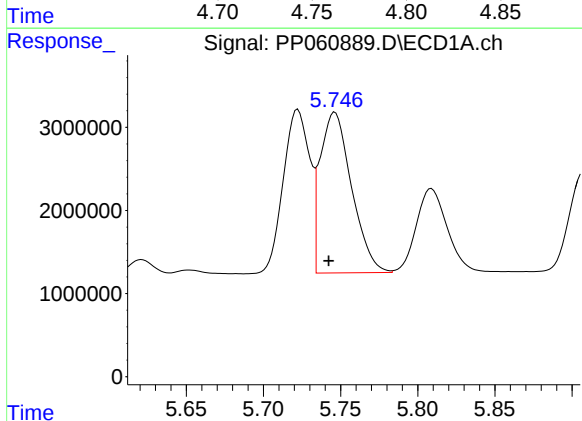
R.T.: 5.722 min
Delta R.T.: 0.003 min
Response: 23496550
Conc: 319.23 ng/ml

Instrument :
ECD_P
ClientSampleId :



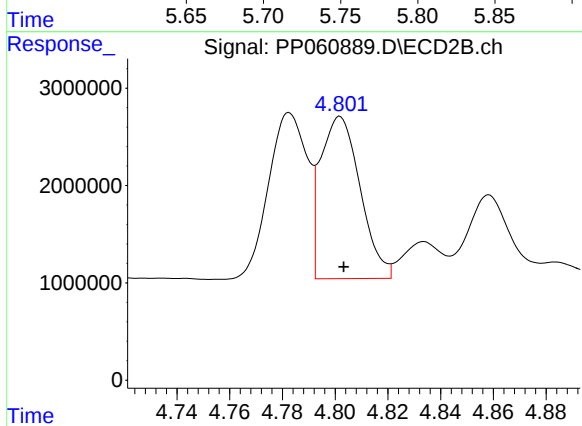
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 17426890
Conc: 299.90 ng/ml



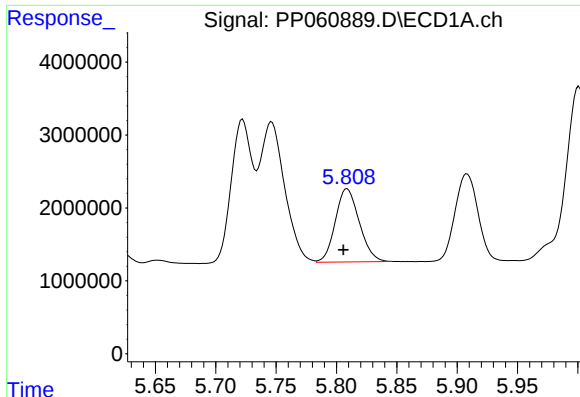
#4 AR-1016-2

R.T.: 5.746 min
Delta R.T.: 0.004 min
Response: 27414511
Conc: 261.76 ng/ml



#4 AR-1016-2

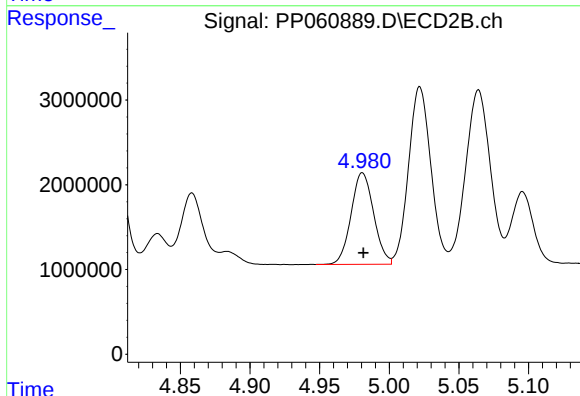
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 17367008
Conc: 215.72 ng/ml



#5 AR-1016-3

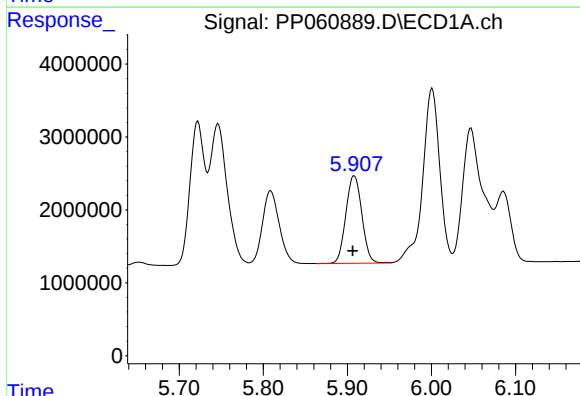
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 13850232
Conc: 211.92 ng/ml

Instrument :
ECD_P
ClientSampleId :



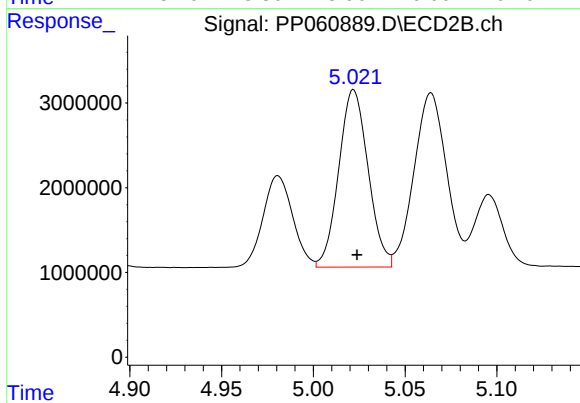
#5 AR-1016-3

R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 12218039
Conc: 273.38 ng/ml



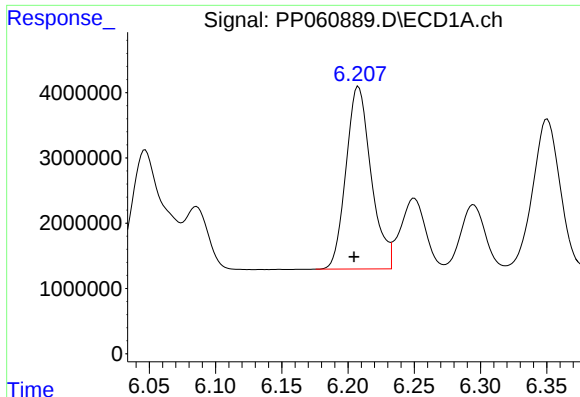
#6 AR-1016-4

R.T.: 5.908 min
Delta R.T.: 0.002 min
Response: 15834841
Conc: 291.19 ng/ml



#6 AR-1016-4

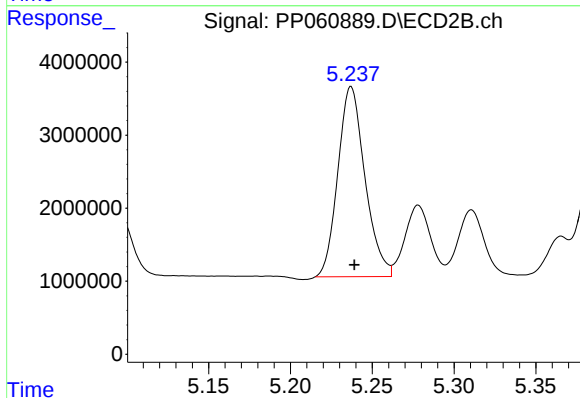
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 23342400
Conc: 648.69 ng/ml



#7 AR-1016-5

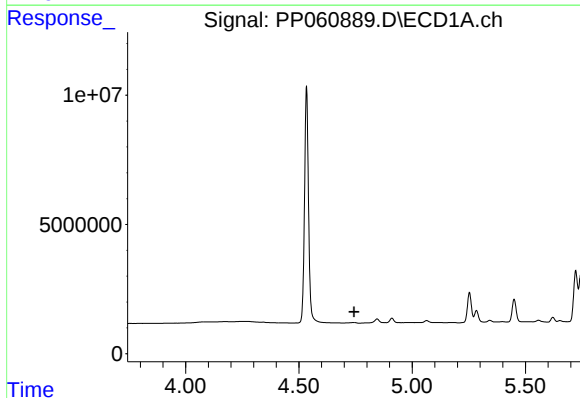
R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 36922720
Conc: 663.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



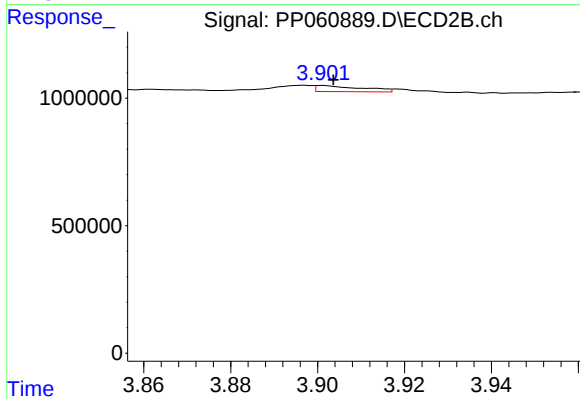
#7 AR-1016-5

R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 29962052
Conc: 616.63 ng/ml



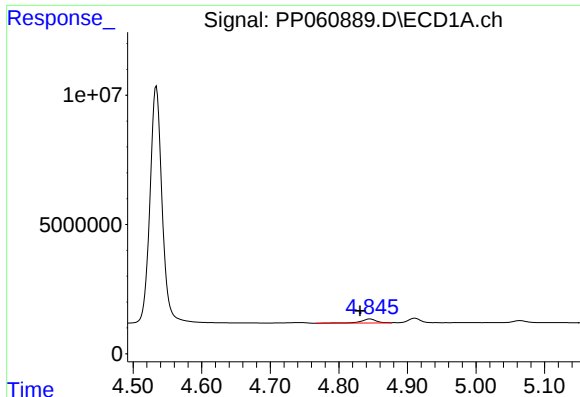
#8 AR-1221-1

R.T.: 0.000 min
Exp R.T. : 4.743 min
Response: 0
Conc: N.D.



#8 AR-1221-1

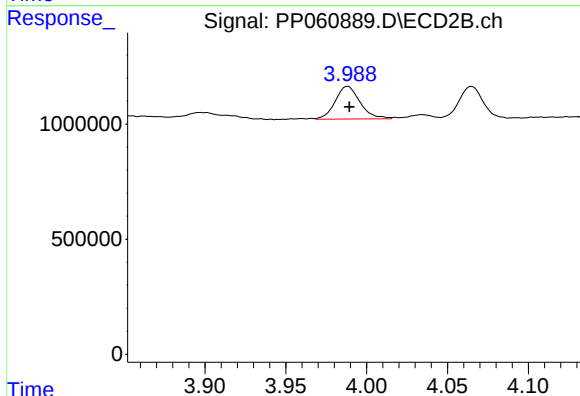
R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 175785
Conc: 8.41 ng/ml



#9 AR-1221-2

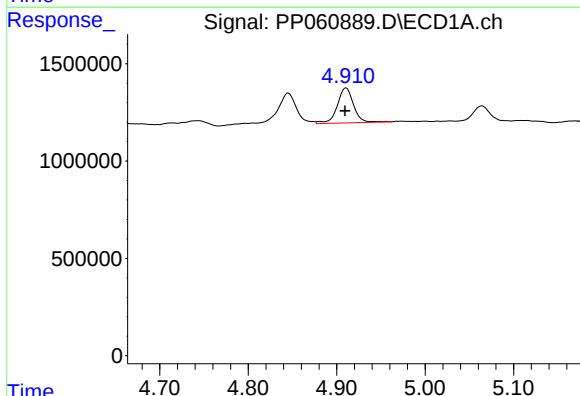
R.T.: 4.845 min
Delta R.T.: 0.014 min
Response: 2566673
Conc: 120.13 ng/ml

Instrument :
ECD_P
ClientSampleId :



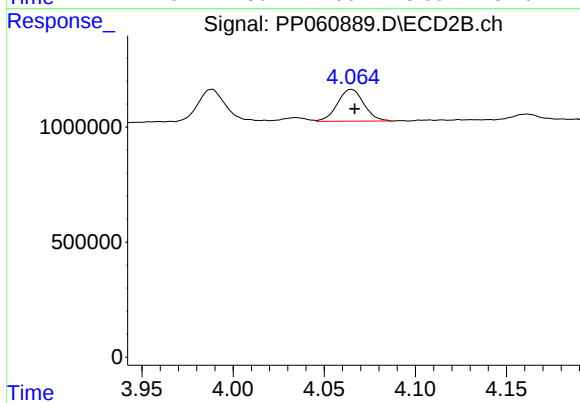
#9 AR-1221-2

R.T.: 3.989 min
Delta R.T.: 0.000 min
Response: 1514076
Conc: 101.54 ng/ml



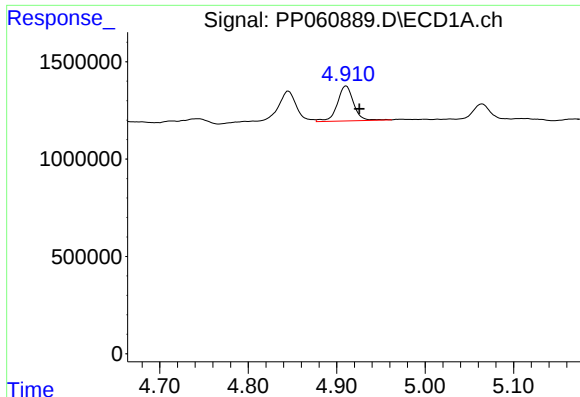
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: 0.001 min
Response: 2299258
Conc: 37.86 ng/ml



#10 AR-1221-3

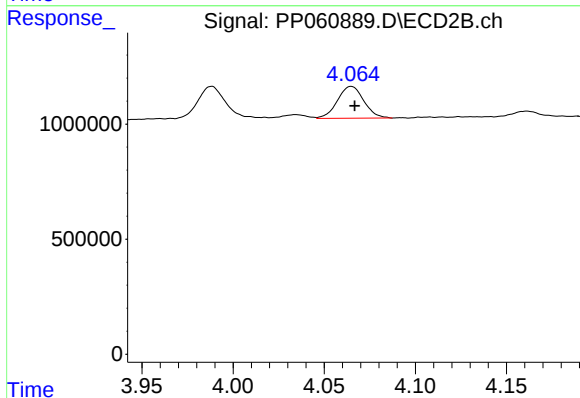
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 1398453
Conc: 31.84 ng/ml



#11 AR-1232-1

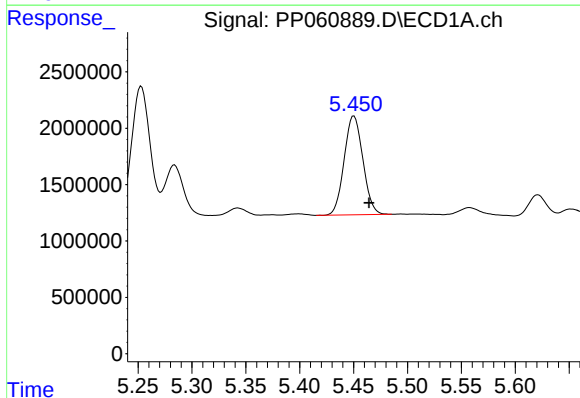
R.T.: 4.911 min
Delta R.T.: -0.015 min
Response: 2299258
Conc: 45.68 ng/ml

Instrument :
ECD_P
ClientSampleId :



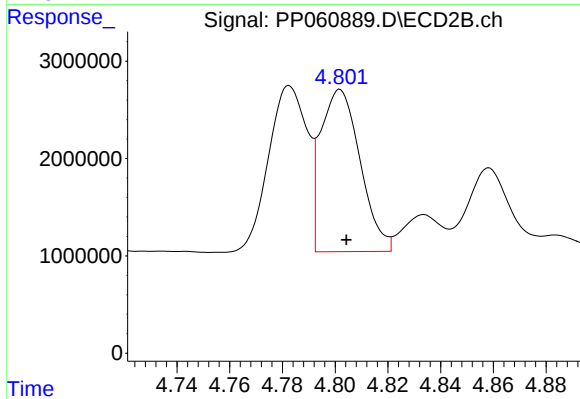
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 1398453
Conc: 38.43 ng/ml



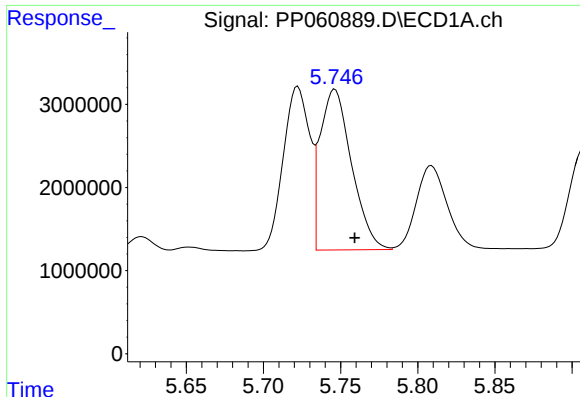
#12 AR-1232-2

R.T.: 5.450 min
Delta R.T.: -0.014 min
Response: 10618680
Conc: 387.79 ng/ml



#12 AR-1232-2

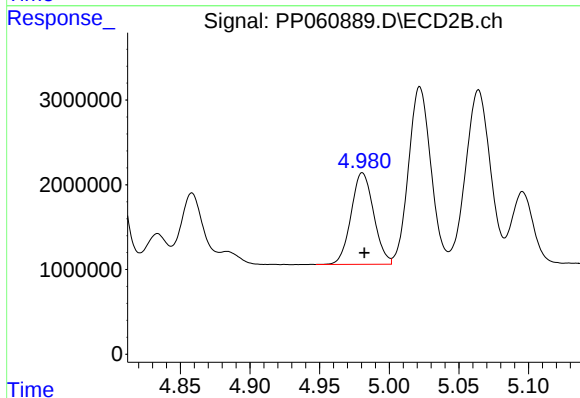
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 17367008
Conc: 476.22 ng/ml



#13 AR-1232-3

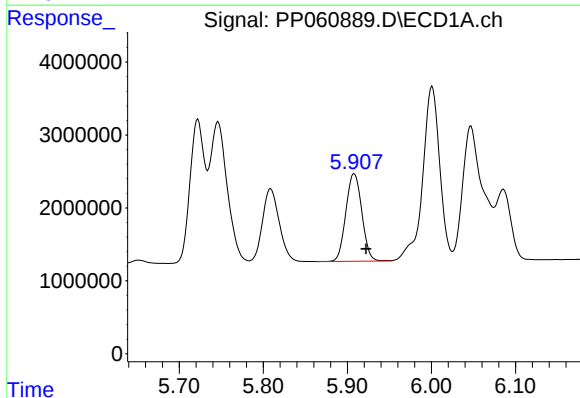
R.T.: 5.746 min
Delta R.T.: -0.013 min
Response: 27414511
Conc: 590.61 ng/ml

Instrument :
ECD_P
ClientSampleId :



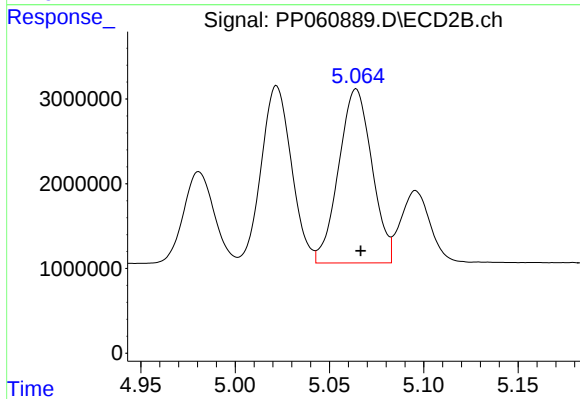
#13 AR-1232-3

R.T.: 4.981 min
Delta R.T.: -0.002 min
Response: 12218039
Conc: 610.44 ng/ml



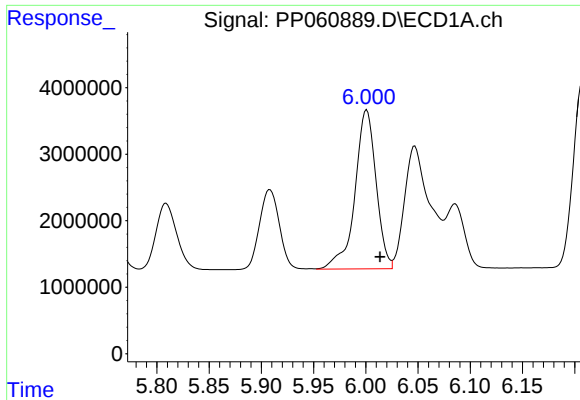
#14 AR-1232-4

R.T.: 5.908 min
Delta R.T.: -0.014 min
Response: 15834841
Conc: 644.23 ng/ml



#14 AR-1232-4

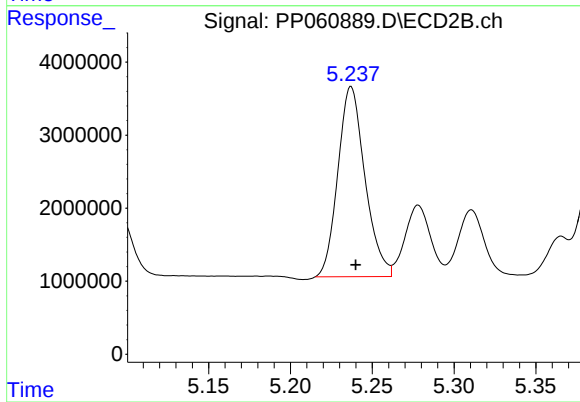
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 25248895
Conc: 1352.80 ng/ml



#15 AR-1232-5

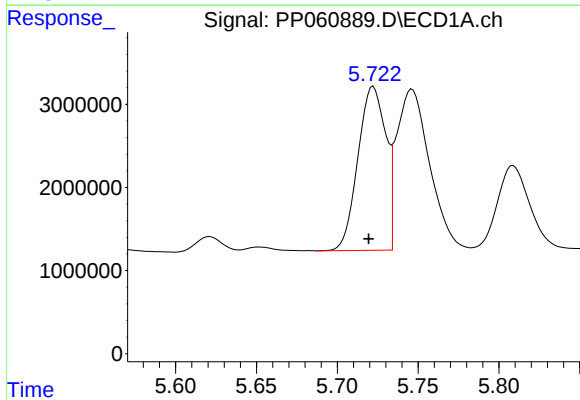
R.T.: 6.001 min
Delta R.T.: -0.013 min
Response: 33703903
Conc: 1626.51 ng/ml

Instrument :
ECD_P
ClientSampleId :



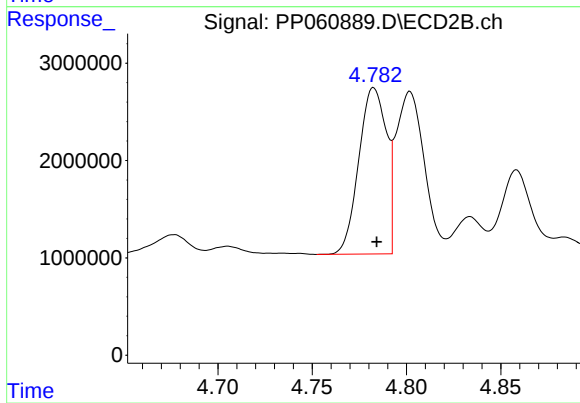
#15 AR-1232-5

R.T.: 5.237 min
Delta R.T.: -0.003 min
Response: 29962052
Conc: 1440.53 ng/ml



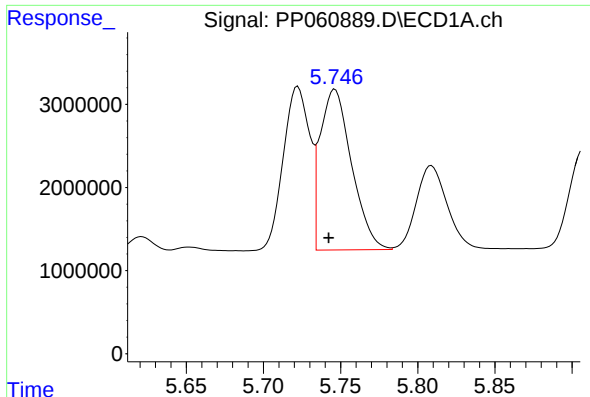
#16 AR-1242-1

R.T.: 5.722 min
Delta R.T.: 0.003 min
Response: 23496550
Conc: 367.67 ng/ml



#16 AR-1242-1

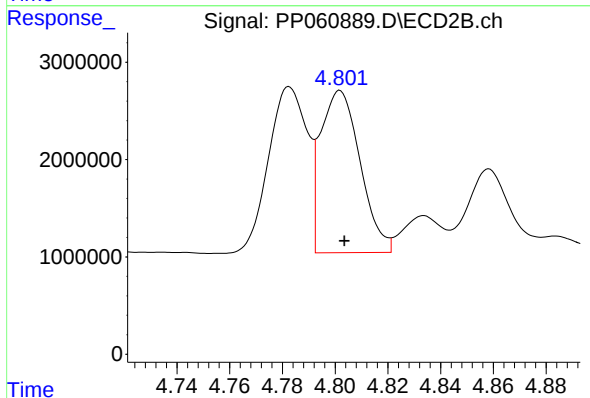
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 17426890
Conc: 344.22 ng/ml



#17 AR-1242-2

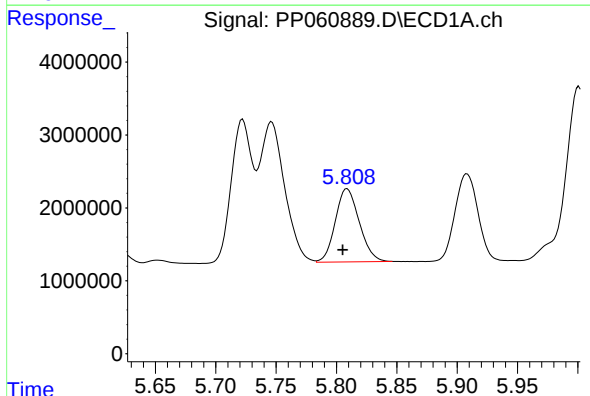
R.T.: 5.746 min
Delta R.T.: 0.004 min
Response: 27414511
Conc: 302.77 ng/ml

Instrument :
ECD_P
ClientSampleId :



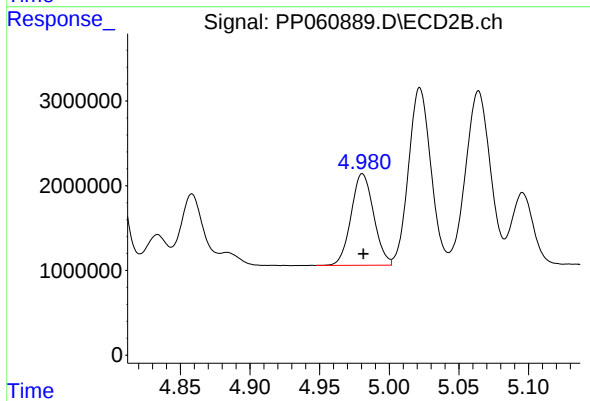
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 17367008
Conc: 250.09 ng/ml



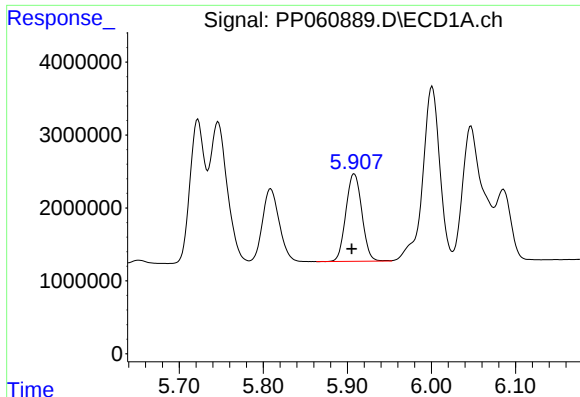
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 13850232
Conc: 246.00 ng/ml



#18 AR-1242-3

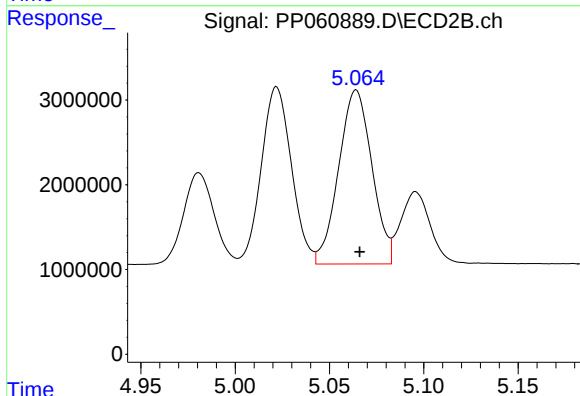
R.T.: 4.981 min
Delta R.T.: 0.000 min
Response: 12218039
Conc: 317.26 ng/ml



#19 AR-1242-4

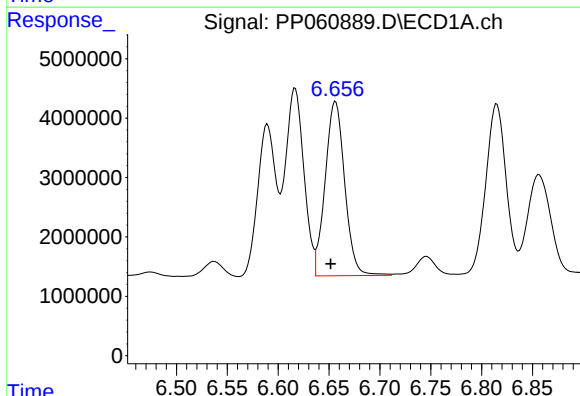
R.T.: 5.908 min
Delta R.T.: 0.003 min
Response: 15834841
Conc: 339.03 ng/ml

Instrument :
ECD_P
ClientSampleId :



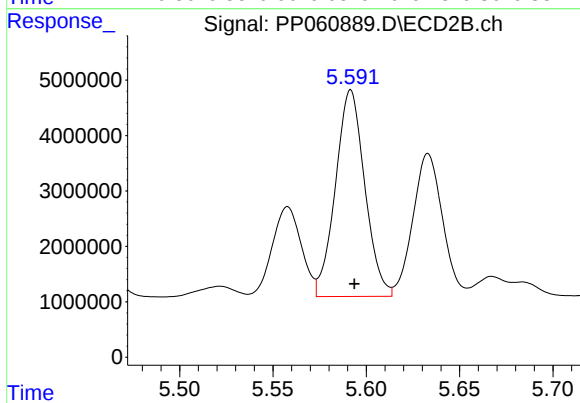
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 25248895
Conc: 641.11 ng/ml



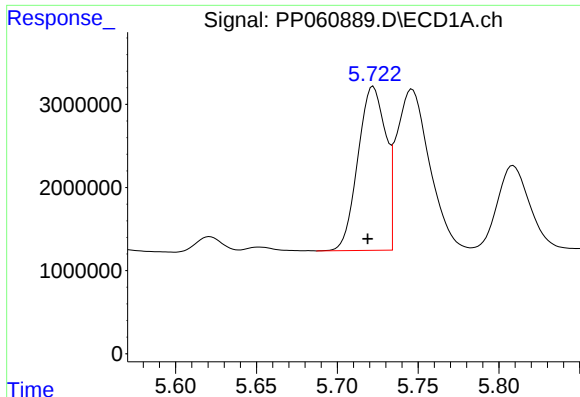
#20 AR-1242-5

R.T.: 6.656 min
Delta R.T.: 0.005 min
Response: 39198088
Conc: 779.35 ng/ml



#20 AR-1242-5

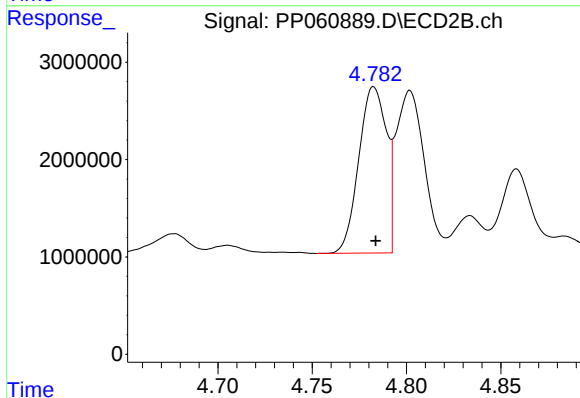
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 40716133
Conc: 832.35 ng/ml



#21 AR-1248-1

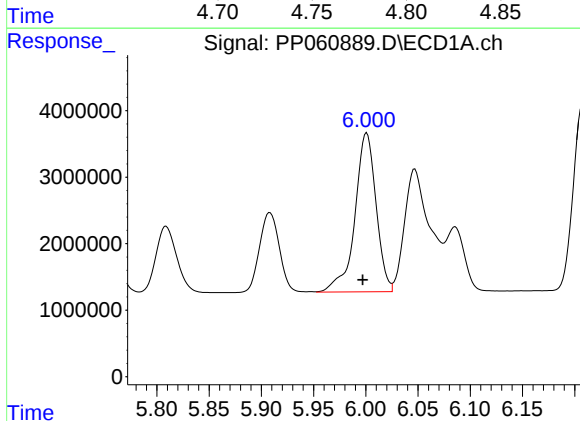
R.T.: 5.722 min
Delta R.T.: 0.003 min
Response: 23496550
Conc: 505.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



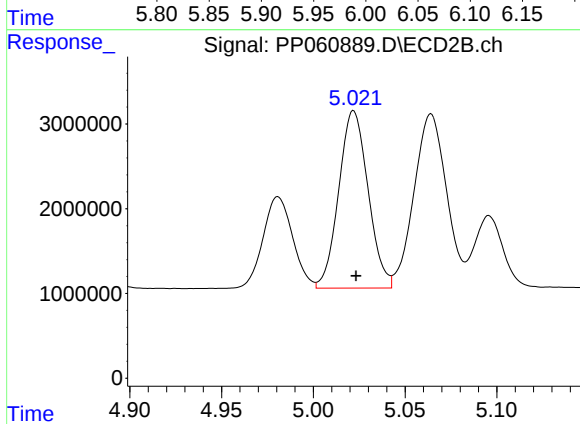
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 17426890
Conc: 477.53 ng/ml



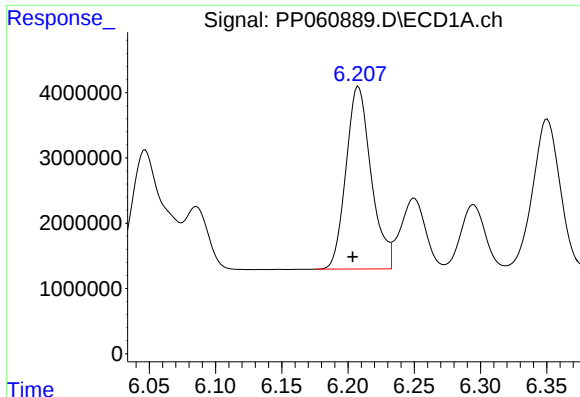
#22 AR-1248-2

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 33703903
Conc: 486.10 ng/ml



#22 AR-1248-2

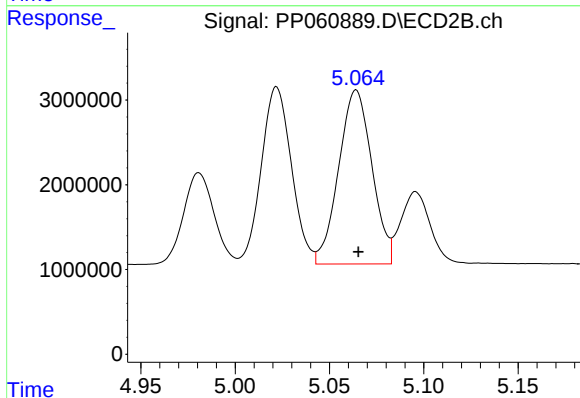
R.T.: 5.022 min
Delta R.T.: -0.001 min
Response: 23342400
Conc: 446.56 ng/ml



#23 AR-1248-3

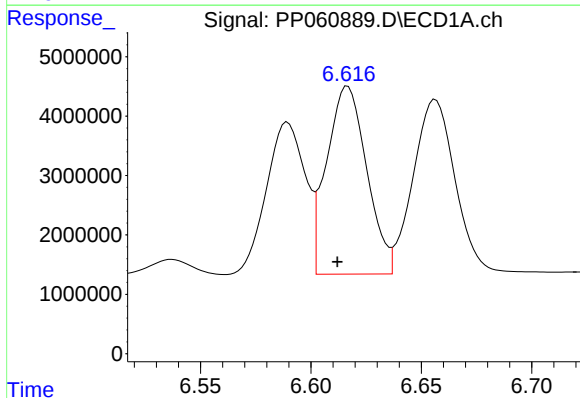
R.T.: 6.208 min
Delta R.T.: 0.004 min
Response: 36922720
Conc: 486.15 ng/ml

Instrument :
ECD_P
ClientSampleId :



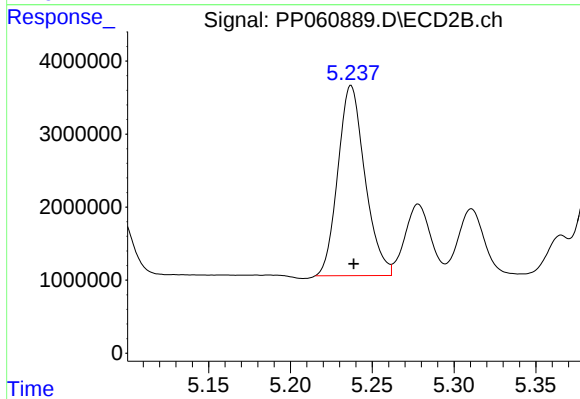
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 25248895
Conc: 454.74 ng/ml



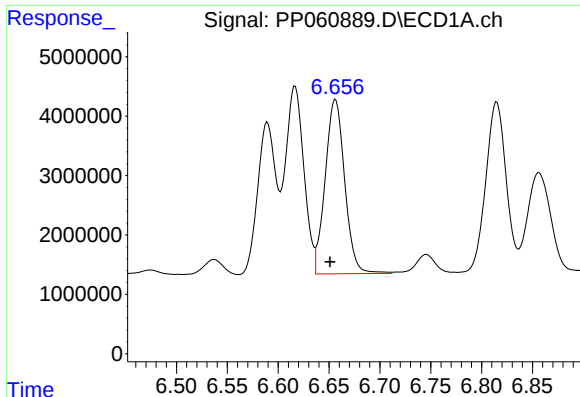
#24 AR-1248-4

R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 39954155
Conc: 483.09 ng/ml



#24 AR-1248-4

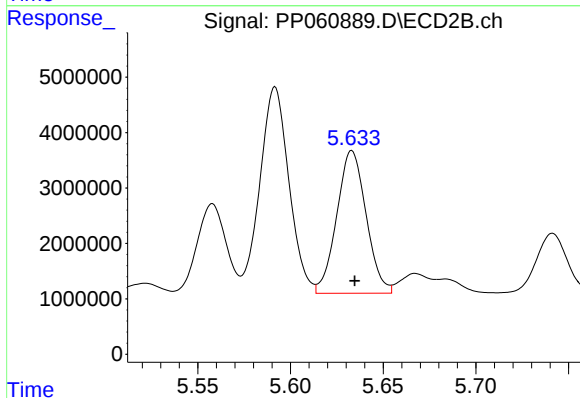
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 29962052
Conc: 455.16 ng/ml



#25 AR-1248-5

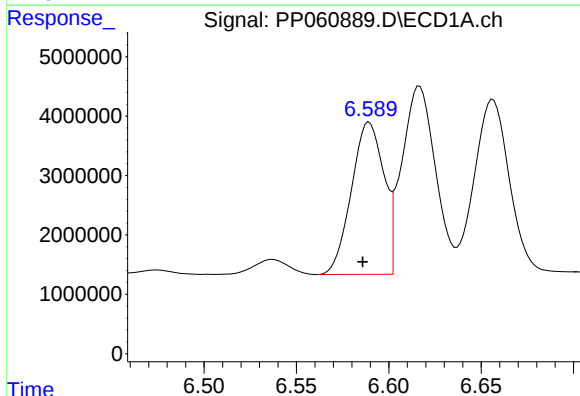
R.T.: 6.656 min
Delta R.T.: 0.005 min
Response: 39198088
Conc: 487.04 ng/ml

Instrument :
ECD_P
ClientSampleId :



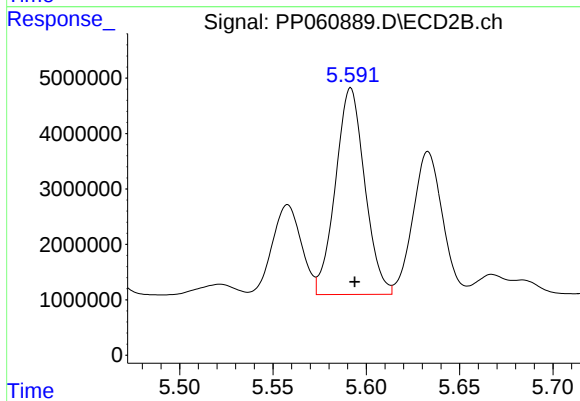
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.002 min
Response: 28384773
Conc: 441.29 ng/ml



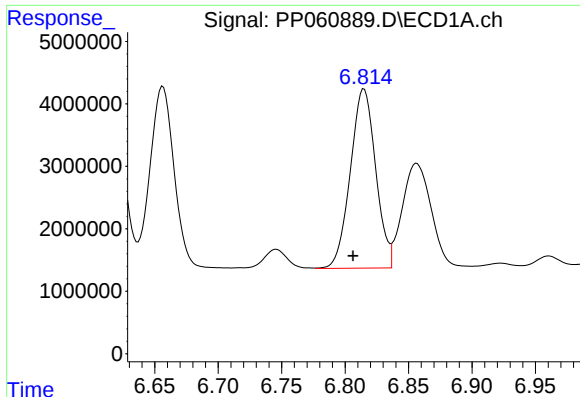
#26 AR-1254-1

R.T.: 6.589 min
Delta R.T.: 0.004 min
Response: 31299088
Conc: 366.76 ng/ml



#26 AR-1254-1

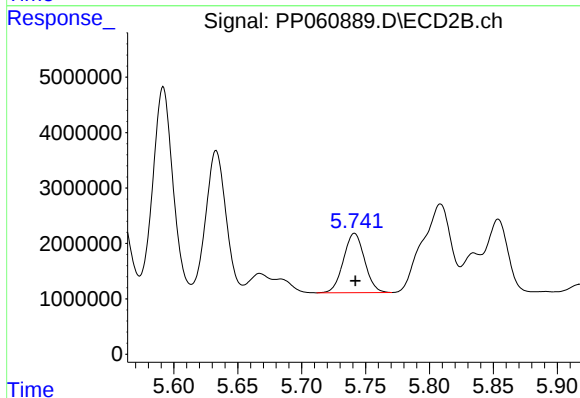
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 40716133
Conc: 411.61 ng/ml



#27 AR-1254-2

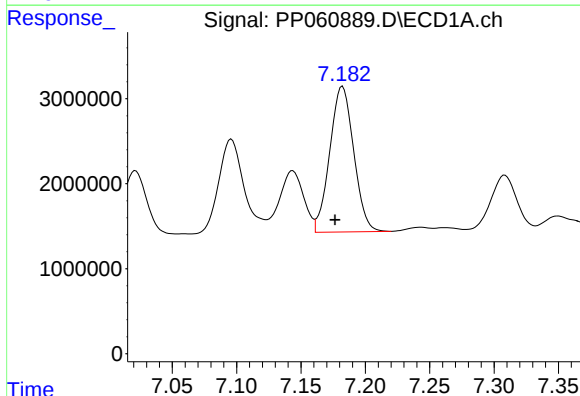
R.T.: 6.815 min
Delta R.T.: 0.009 min
Response: 39827486
Conc: 312.06 ng/ml

Instrument :
ECD_P
ClientSampleId :



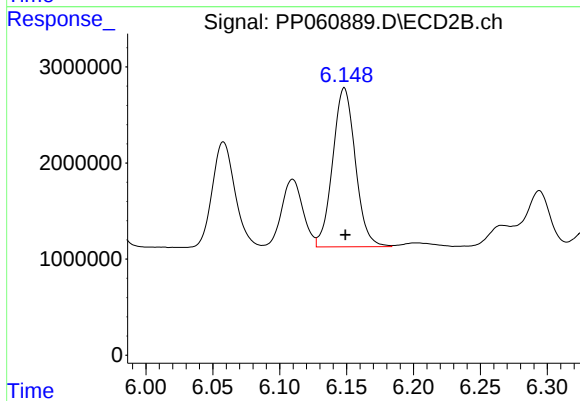
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: 0.000 min
Response: 12307993
Conc: 143.21 ng/ml



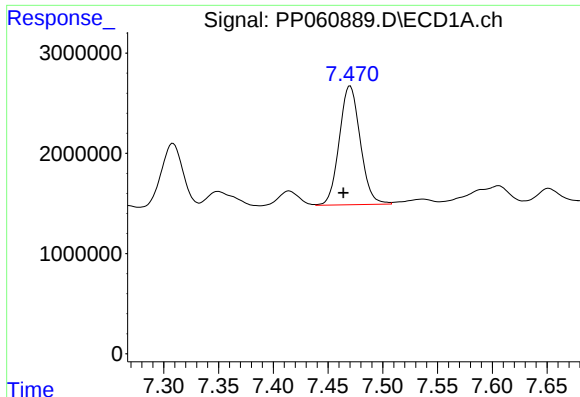
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.006 min
Response: 22233983
Conc: 167.28 ng/ml



#28 AR-1254-3

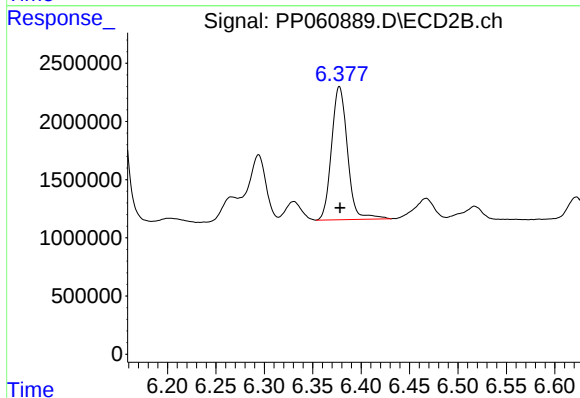
R.T.: 6.148 min
Delta R.T.: 0.000 min
Response: 19504808
Conc: 136.09 ng/ml



#29 AR-1254-4

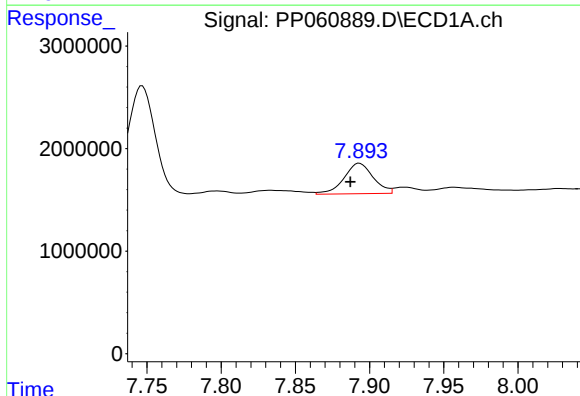
R.T.: 7.470 min
Delta R.T.: 0.006 min
Response: 15788951
Conc: 160.56 ng/ml

Instrument :
ECD_P
ClientSampleId :



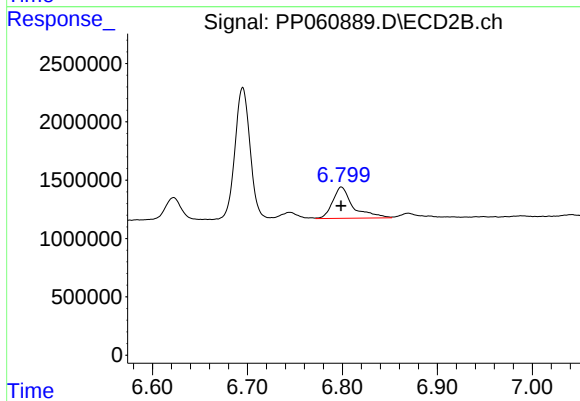
#29 AR-1254-4

R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 13099573
Conc: 150.29 ng/ml



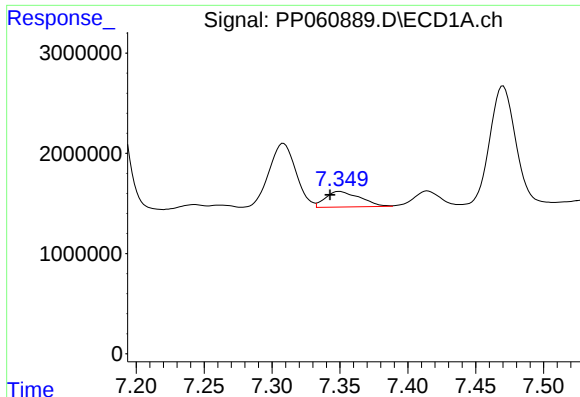
#30 AR-1254-5

R.T.: 7.893 min
Delta R.T.: 0.006 min
Response: 4094140
Conc: 37.79 ng/ml



#30 AR-1254-5

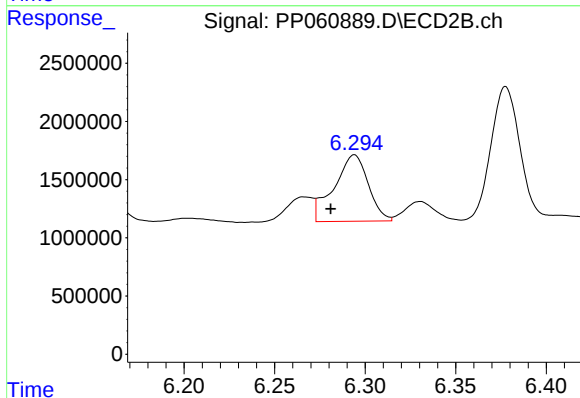
R.T.: 6.799 min
Delta R.T.: 0.000 min
Response: 4020617
Conc: 31.73 ng/ml



#31 AR-1260-1

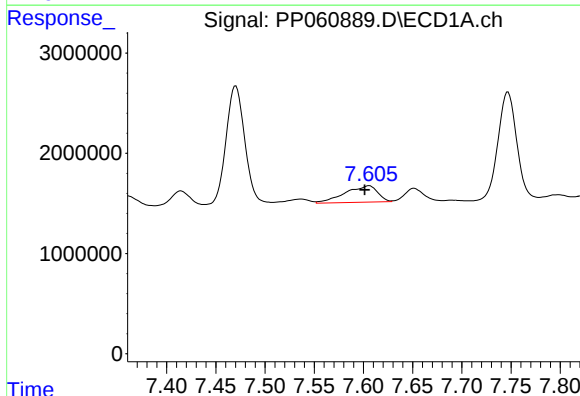
R.T.: 7.350 min
Delta R.T.: 0.007 min
Response: 2750387
Conc: 26.24 ng/ml

Instrument :
ECD_P
ClientSampleId :



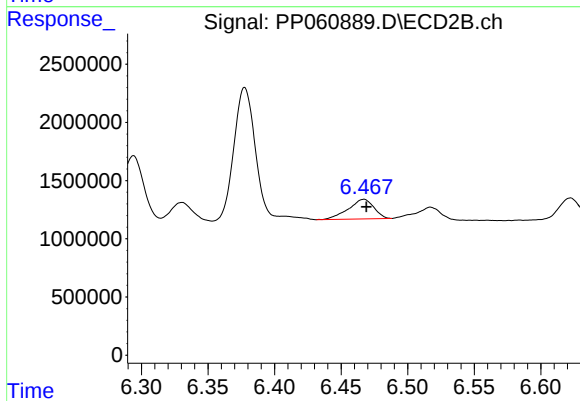
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: 0.013 min
Response: 7534181
Conc: 75.06 ng/ml



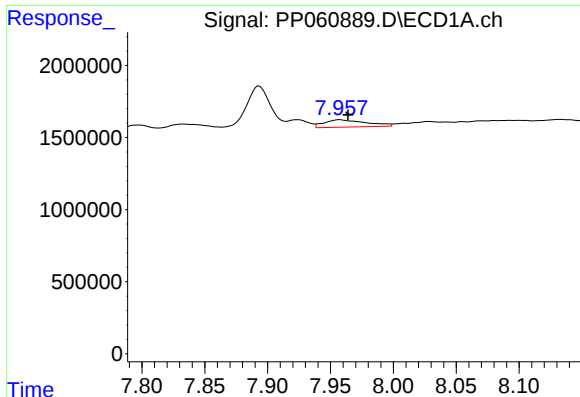
#32 AR-1260-2

R.T.: 7.606 min
Delta R.T.: 0.005 min
Response: 3784459
Conc: 31.30 ng/ml



#32 AR-1260-2

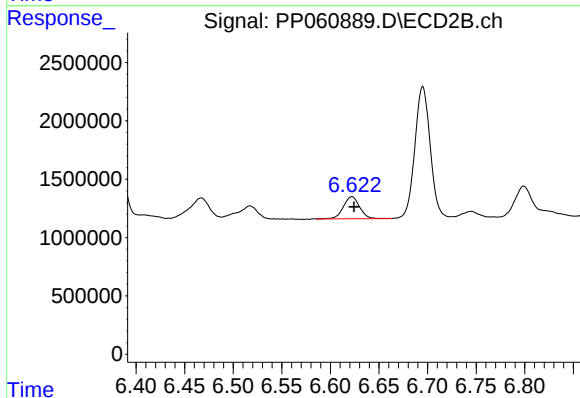
R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 2262031
Conc: 18.96 ng/ml



#33 AR-1260-3

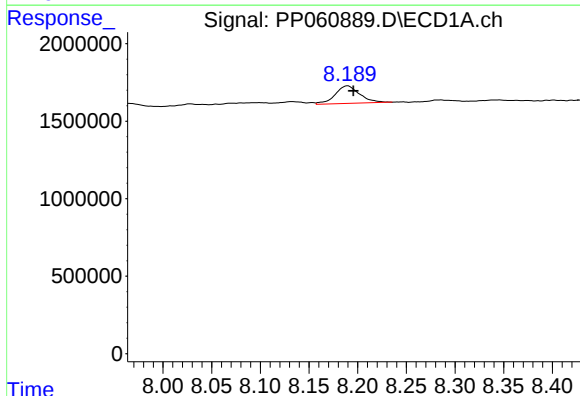
R.T.: 7.957 min
Delta R.T.: -0.007 min
Response: 1178894
Conc: 12.72 ng/ml

Instrument :
ECD_P
ClientSampleId :



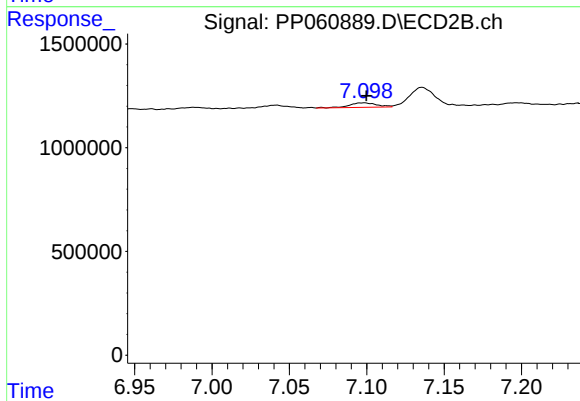
#33 AR-1260-3

R.T.: 6.622 min
Delta R.T.: -0.002 min
Response: 2188917
Conc: 19.12 ng/ml



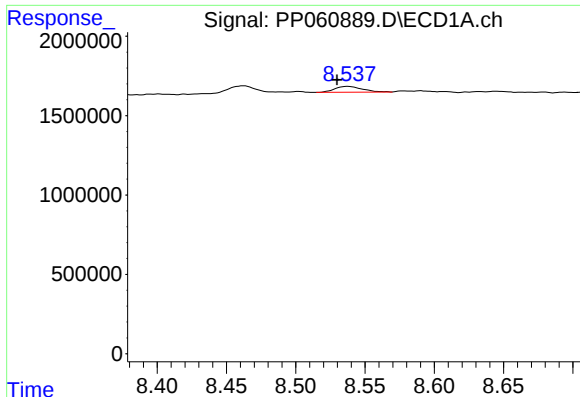
#34 AR-1260-4

R.T.: 8.190 min
Delta R.T.: -0.006 min
Response: 1993747
Conc: 18.80 ng/ml



#34 AR-1260-4

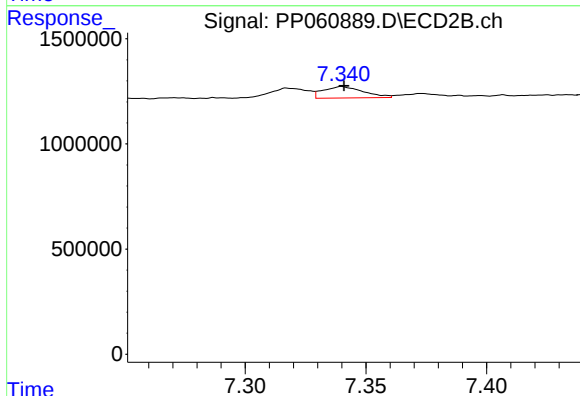
R.T.: 7.098 min
Delta R.T.: -0.002 min
Response: 270615
Conc: 2.84 ng/ml



#35 AR-1260-5

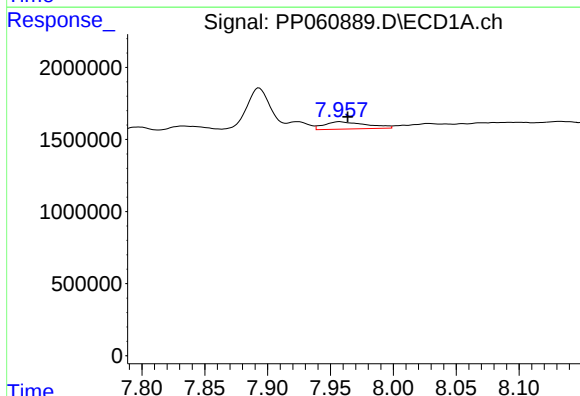
R.T.: 8.537 min
Delta R.T.: 0.008 min
Response: 497373
Conc: 2.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



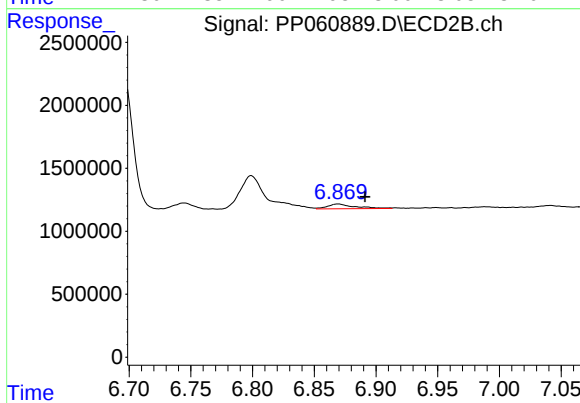
#35 AR-1260-5

R.T.: 7.340 min
Delta R.T.: 0.000 min
Response: 625861
Conc: 2.89 ng/ml



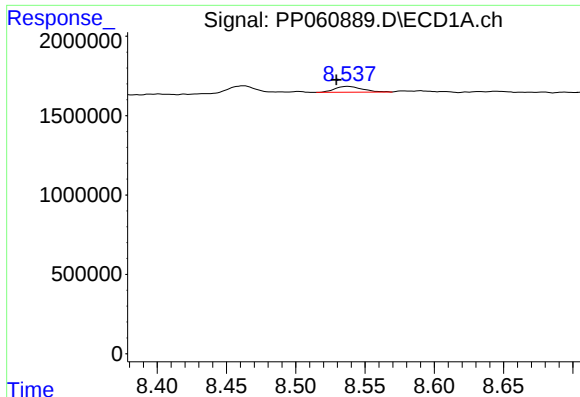
#36 AR-1262-1

R.T.: 7.957 min
Delta R.T.: -0.007 min
Response: 1178894
Conc: 9.45 ng/ml



#36 AR-1262-1

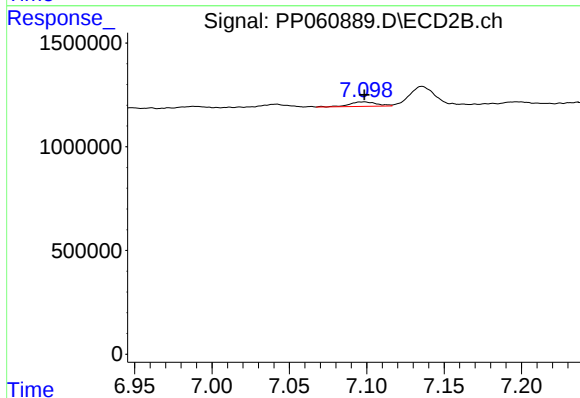
R.T.: 6.869 min
Delta R.T.: -0.022 min
Response: 571806
Conc: 10.68 ng/ml



#37 AR-1262-2

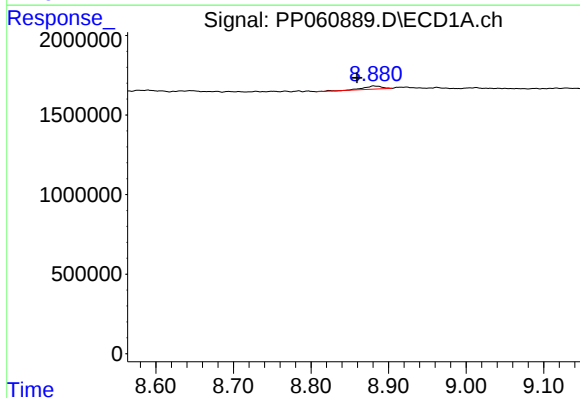
R.T.: 8.537 min
Delta R.T.: 0.008 min
Response: 497373
Conc: 2.37 ng/ml

Instrument :
ECD_P
ClientSampleId :



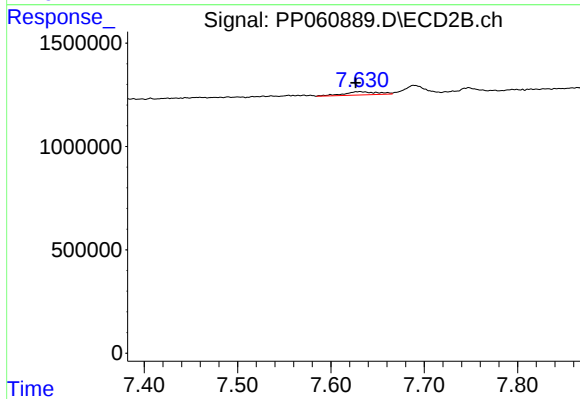
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 270615
Conc: 2.29 ng/ml



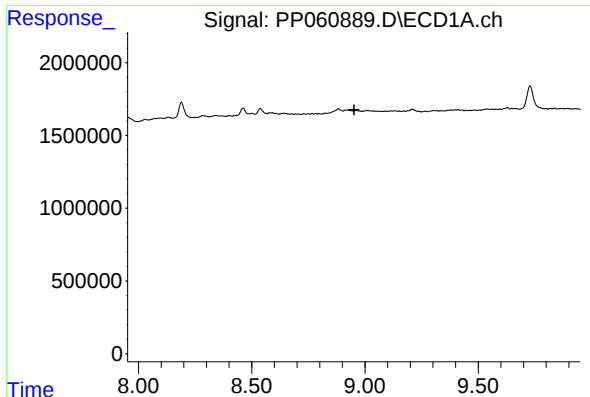
#38 AR-1262-3

R.T.: 8.881 min
Delta R.T.: 0.021 min
Response: 349477
Conc: 2.31 ng/ml



#38 AR-1262-3

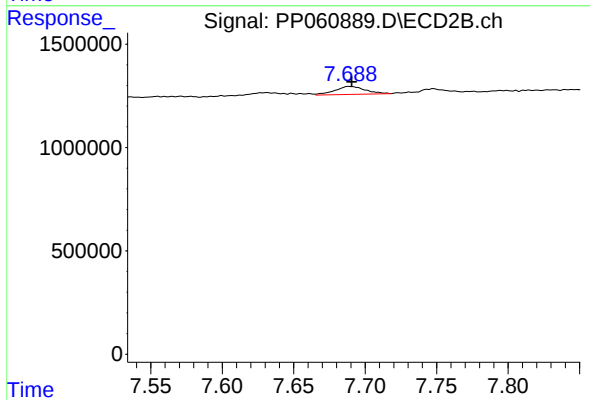
R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 395085
Conc: 4.28 ng/ml



#39 AR-1262-4

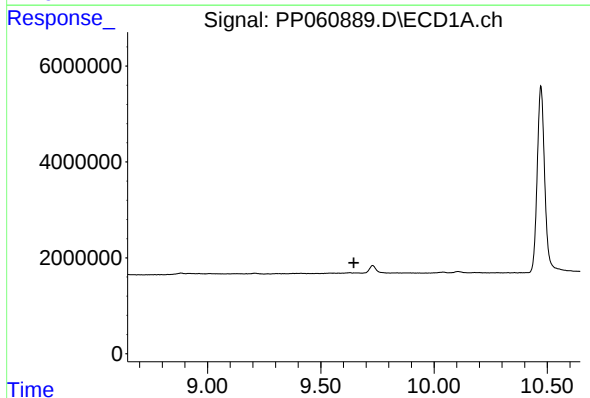
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



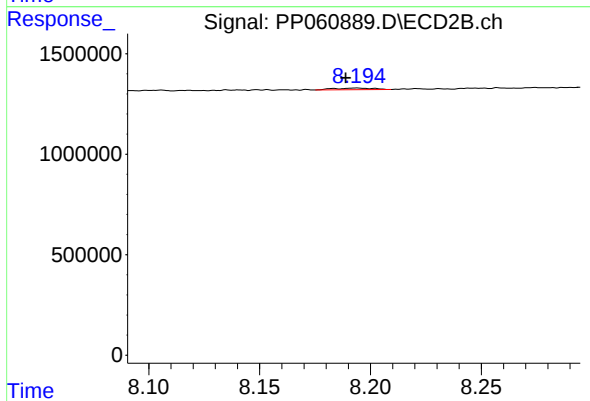
#39 AR-1262-4

R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 570993
Conc: 3.39 ng/ml



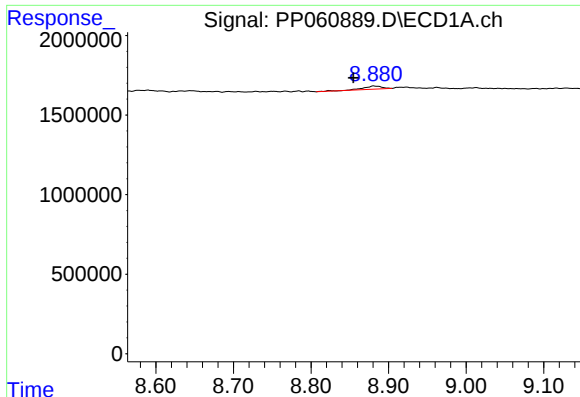
#40 AR-1262-5

R.T.: 0.000 min
Exp R.T.: 9.646 min
Response: 0
Conc: N.D.



#40 AR-1262-5

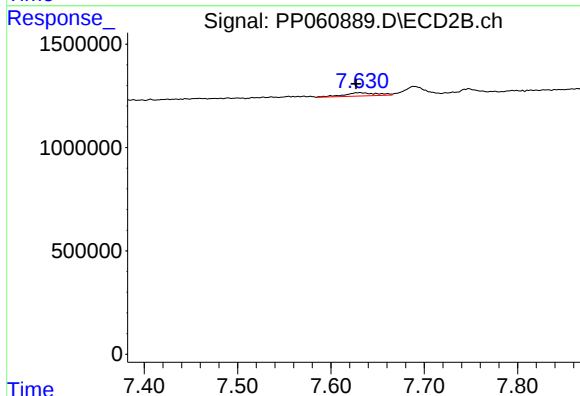
R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 101403
Conc: 1.31 ng/ml



#41 AR-1268-1

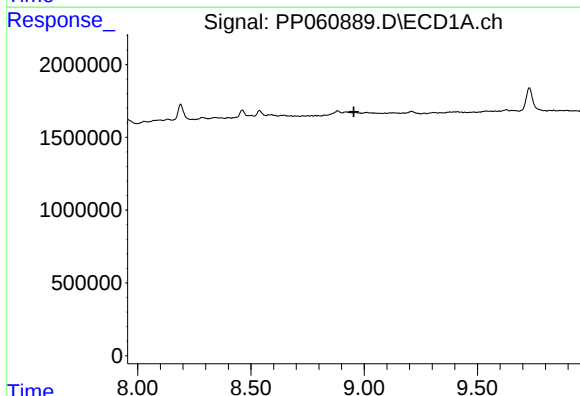
R.T.: 8.881 min
Delta R.T.: 0.026 min
Response: 349477
Conc: 1.32 ng/ml

Instrument :
ECD_P
ClientSampleId :



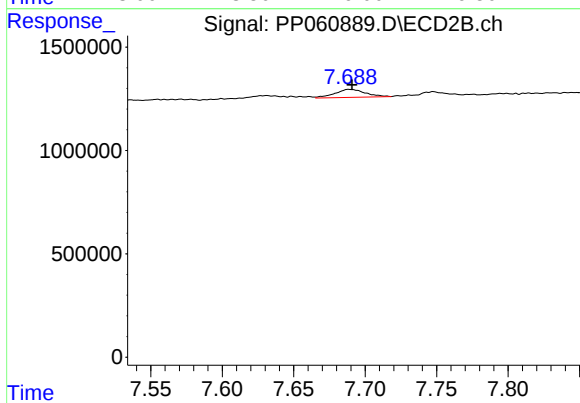
#41 AR-1268-1

R.T.: 7.631 min
Delta R.T.: 0.004 min
Response: 395085
Conc: 1.45 ng/ml



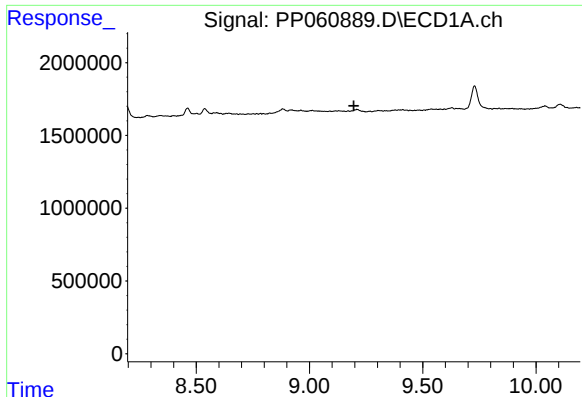
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.954 min
Response: 0
Conc: N.D.



#42 AR-1268-2

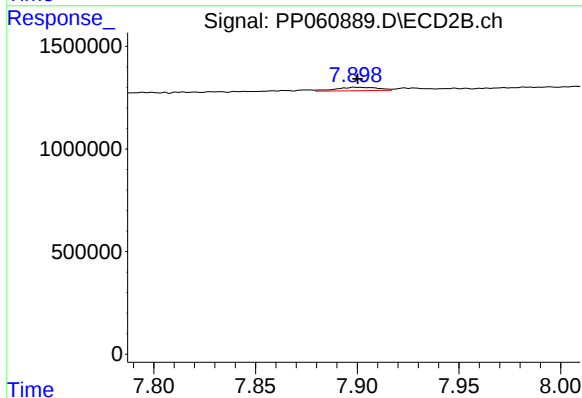
R.T.: 7.689 min
Delta R.T.: -0.002 min
Response: 570993
Conc: 2.34 ng/ml



#43 AR-1268-3

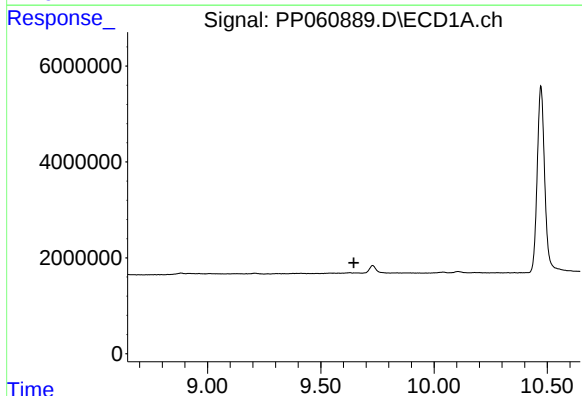
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



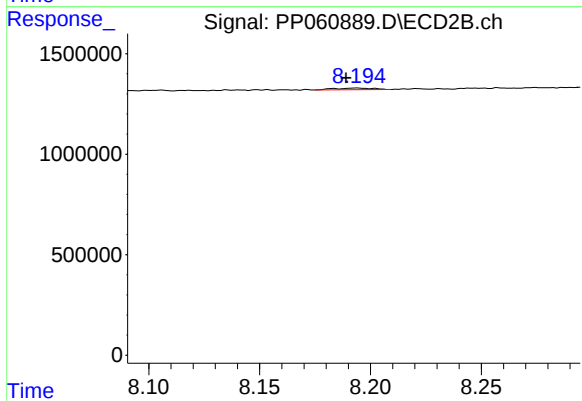
#43 AR-1268-3

R.T.: 7.900 min
Delta R.T.: 0.000 min
Response: 245035
Conc: 1.15 ng/ml



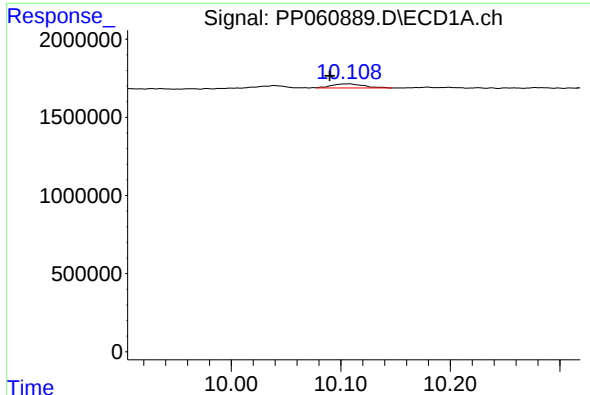
#44 AR-1268-4

R.T.: 0.000 min
Exp R.T. : 9.646 min
Response: 0
Conc: N.D.



#44 AR-1268-4

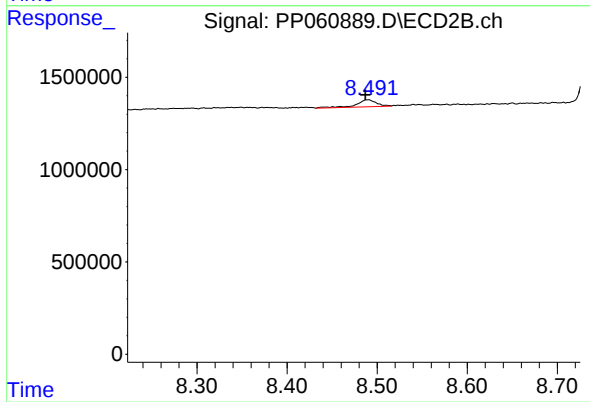
R.T.: 8.193 min
Delta R.T.: 0.004 min
Response: 101403
Conc: 1.16 ng/ml



#45 AR-1268-5

R.T.: 10.108 min
Delta R.T.: 0.018 min
Response: 535851
Conc: 0.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 577342
Conc: 0.92 ng/ml