

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP101023\
 Data File : PP060888.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 11 Oct 2023 04:30
 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:16:19 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	112.2E6	75079587	50.090	50.440
2)	SA Decachlor...	10.470	8.750	81246518	71333242	46.018	43.731
Target Compounds							
3)	L1 AR-1016-1	5.723	4.783	31583040	23484447	429.090	404.140
4)	L1 AR-1016-2	5.745	4.802	45034480	31811043	429.993	395.141
5)	L1 AR-1016-3	5.809	4.980	28080423	18311371	429.651	409.718
6)	L1 AR-1016-4	5.909	5.022	23250862	13874038	427.567	385.564
7)	L1 AR-1016-5	6.208	5.238	23862861	19933183	429.013	410.233
8)	L2 AR-1221-1	4.741	3.899	4309700	3357022	149.192	160.699
9)	L2 AR-1221-2	4.833	3.988	6227984	4151498	291.504	278.420
10)	L2 AR-1221-3	4.911	4.065	19556278	13377519	322.025	304.535
11)	L3 AR-1232-1	4.911f	4.065	19556278	13377519	388.499	367.620
12)	L3 AR-1232-2	5.451	4.802	26070219	31811043	952.066	872.292
13)	L3 AR-1232-3	5.745	4.980	45034480	18311371	970.211	914.871
14)	L3 AR-1232-4	5.909	5.064	23250862	18130794	945.941	971.419
15)	L3 AR-1232-5	6.001	5.238	20585923	19933183	993.449	958.355
16)	L4 AR-1242-1	5.723	4.783	31583040	23484447	494.202	463.871
17)	L4 AR-1242-2	5.745	4.802	45034480	31811043	497.364	458.079
18)	L4 AR-1242-3	5.809	4.980	28080423	18311371	498.759	475.488
19)	L4 AR-1242-4	5.909	5.064	23250862	18130794	497.814	460.372
20)	L4 AR-1242-5	6.656	5.592	25257432	22285483	502.176	455.576
21)	L5 AR-1248-1	5.723	4.783	31583040	23484447	678.848	643.522
22)	L5 AR-1248-2	6.001	5.022	20585923	13874038	296.904	265.421
23)	L5 AR-1248-3	6.208	5.064	23862861	18130794	314.193	326.538
24)	L5 AR-1248-4	6.617	5.238	23688464	19933183	286.418	302.811
25)	L5 AR-1248-5	6.656	5.633	25257432	18820564	313.823	292.598
26)	L6 AR-1254-1	6.589	5.592	18275008	22285483	214.143	225.291
27)	L6 AR-1254-2	6.815	5.741	21404328	5646508	167.711	65.701 #
28)	L6 AR-1254-3	7.182	6.148	9130162	7551345	68.691	52.686
29)	L6 AR-1254-4	7.470	6.377	6433025	5372444	65.417	61.637
30)	L6 AR-1254-5	7.893	6.798	2123737	1841754	19.602	14.534 #
31)	L7 AR-1260-1	7.350	6.294	1213178	2711956	11.573	27.018 #
32)	L7 AR-1260-2	7.608	6.467	2041629	892984	16.886	7.485 #
33)	L7 AR-1260-3	0.000	6.620	0	1138483	N.D.	9.944 #
34)	L7 AR-1260-4	8.188	7.098	1256399	69241	11.847	0.727 #
35)	L7 AR-1260-5	0.000	7.342	0	184412	N.D.	0.851 #
36)	L8 AR-1262-1	0.000	6.891	0	18576	N.D.	0.347 #
37)	L8 AR-1262-2	0.000	7.098	0	69241	N.D.	0.587 #
38)	L8 AR-1262-3	0.000	7.624	0	162865	N.D.	1.766 #
39)	L8 AR-1262-4	0.000	7.690	0	216183	N.D.	1.283 #
40)	L8 AR-1262-5	0.000	8.185	0	32630	N.D.	0.421 #
41)	L9 AR-1268-1	0.000	7.624	0	162865	N.D.	0.599 #

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 Operator : YP\AJ
 Sample : AR1242CCC500
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

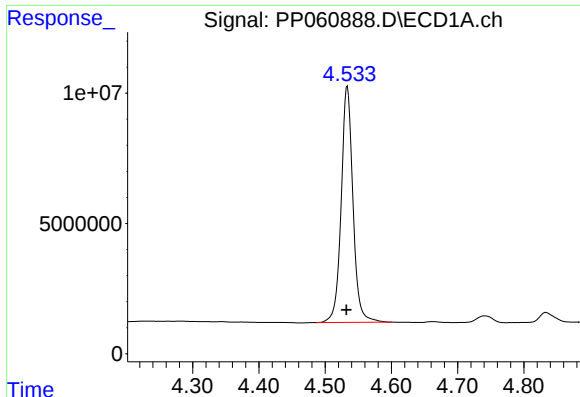
Instrument :
 ECD_P
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 11 05:16:19 2023
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 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	7.690	0	216183	N.D.	0.886 #
43) L9	AR-1268-3	0.000	7.902	0	295064	N.D.	1.380 #
44) L9	AR-1268-4	0.000	8.185	0	32630	N.D.	0.372 #
45) L9	AR-1268-5	10.102	8.490	563756	508825	0.890	0.814

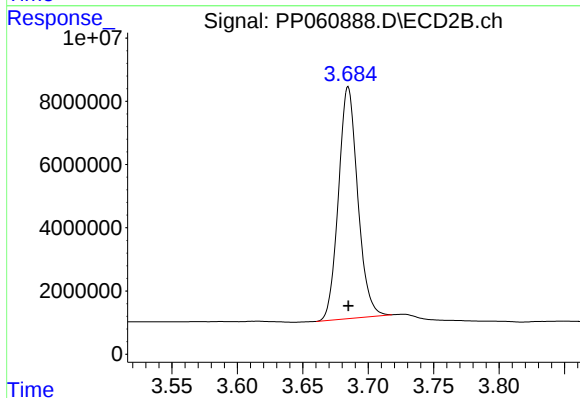
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

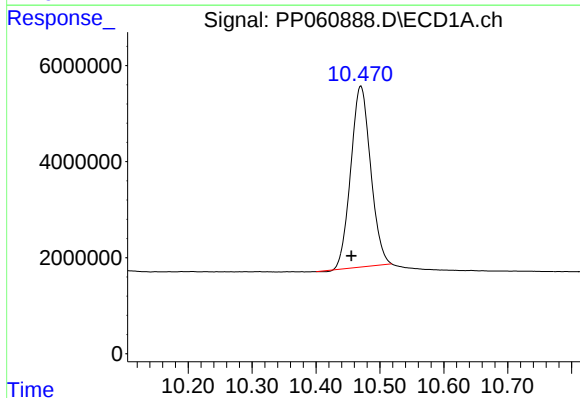
R.T.: 4.534 min
Delta R.T.: 0.002 min
Response: 112177476
Conc: 50.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



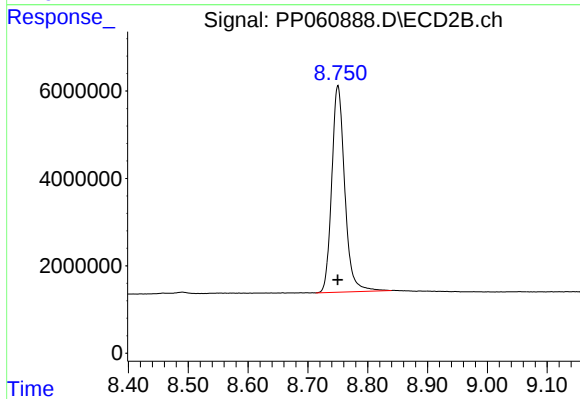
#1 Tetrachloro-m-xylene

R.T.: 3.685 min
Delta R.T.: 0.000 min
Response: 75079587
Conc: 50.44 ng/ml



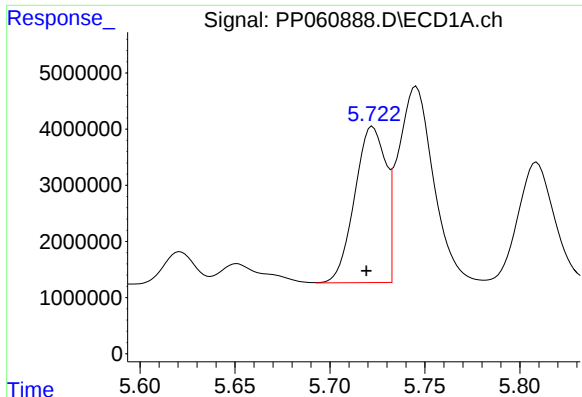
#2 Decachlorobiphenyl

R.T.: 10.470 min
Delta R.T.: 0.015 min
Response: 81246518
Conc: 46.02 ng/ml



#2 Decachlorobiphenyl

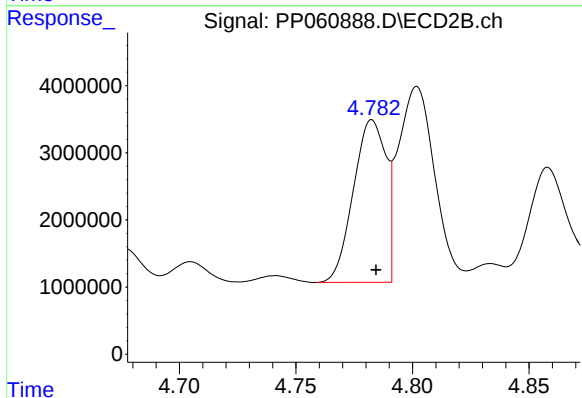
R.T.: 8.750 min
Delta R.T.: 0.000 min
Response: 71333242
Conc: 43.73 ng/ml



#3 AR-1016-1

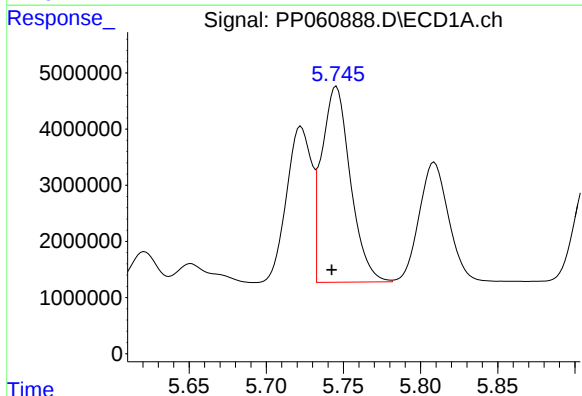
R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 31583040
Conc: 429.09 ng/ml

Instrument :
ECD_P
ClientSampleId :



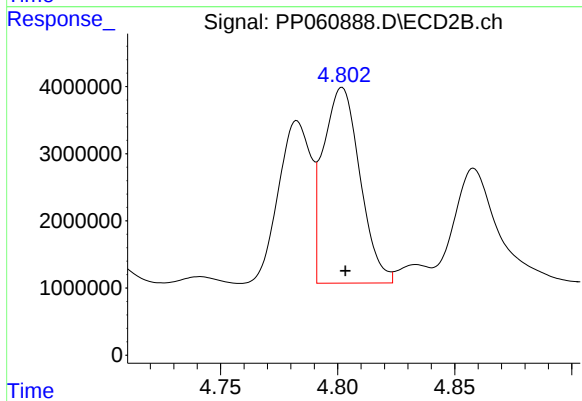
#3 AR-1016-1

R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 23484447
Conc: 404.14 ng/ml



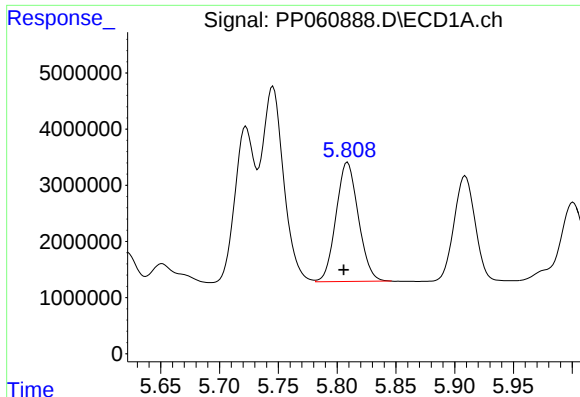
#4 AR-1016-2

R.T.: 5.745 min
Delta R.T.: 0.003 min
Response: 45034480
Conc: 429.99 ng/ml



#4 AR-1016-2

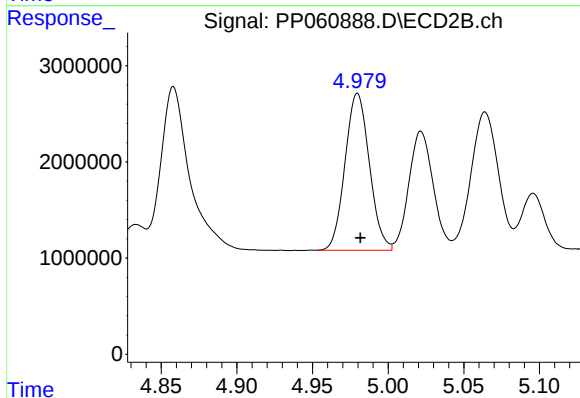
R.T.: 4.802 min
Delta R.T.: -0.001 min
Response: 31811043
Conc: 395.14 ng/ml



#5 AR-1016-3

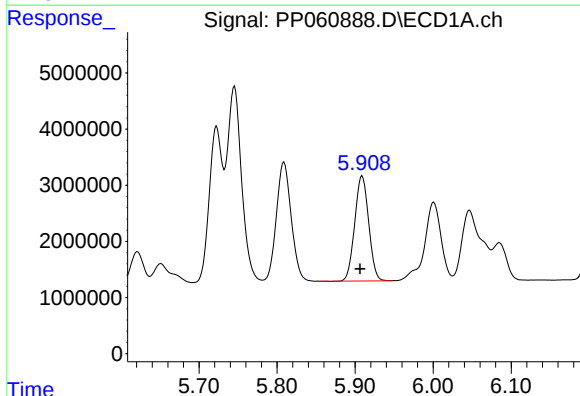
R.T.: 5.809 min
Delta R.T.: 0.003 min
Response: 28080423
Conc: 429.65 ng/ml

Instrument :
ECD_P
ClientSampleId :



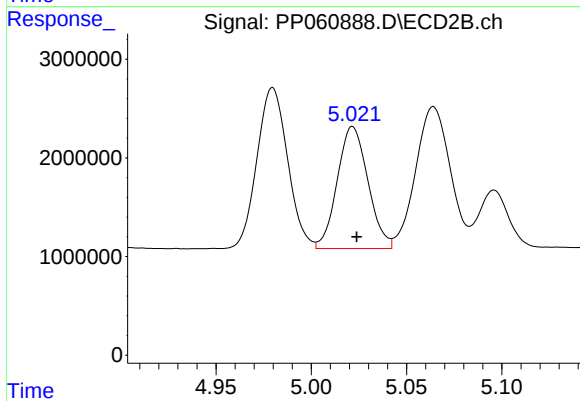
#5 AR-1016-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18311371
Conc: 409.72 ng/ml



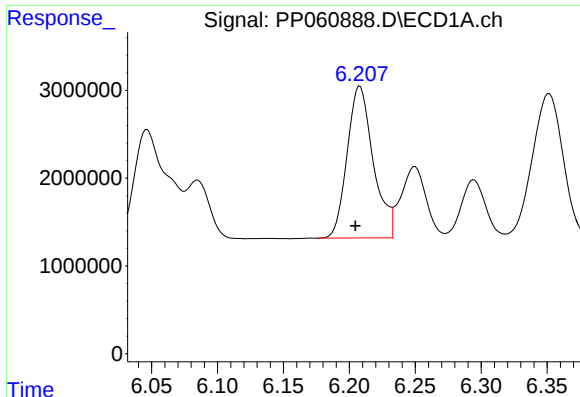
#6 AR-1016-4

R.T.: 5.909 min
Delta R.T.: 0.003 min
Response: 23250862
Conc: 427.57 ng/ml



#6 AR-1016-4

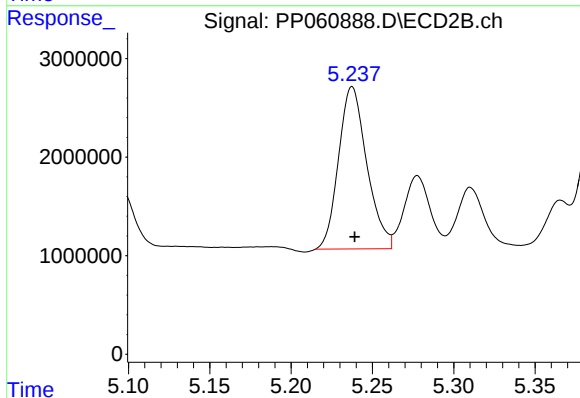
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 13874038
Conc: 385.56 ng/ml



#7 AR-1016-5

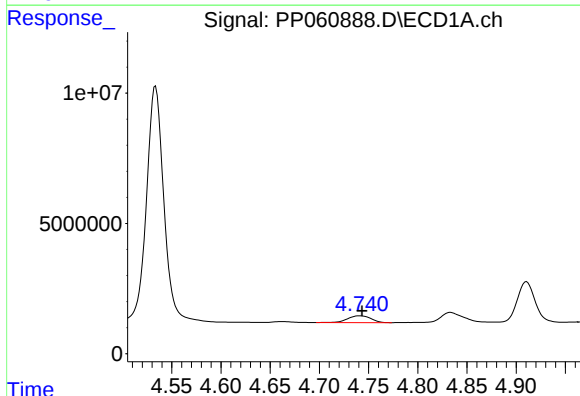
R.T.: 6.208 min
Delta R.T.: 0.003 min
Response: 23862861
Conc: 429.01 ng/ml

Instrument :
ECD_P
ClientSampleId :



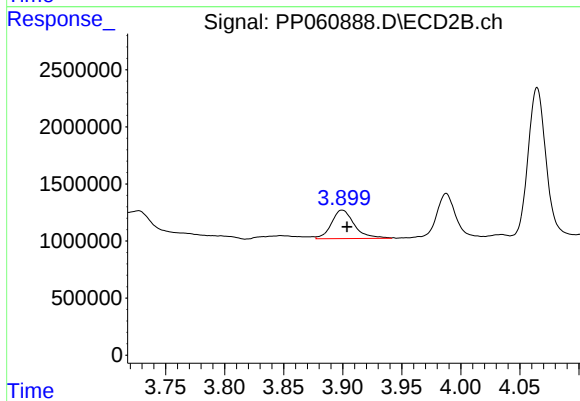
#7 AR-1016-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 19933183
Conc: 410.23 ng/ml



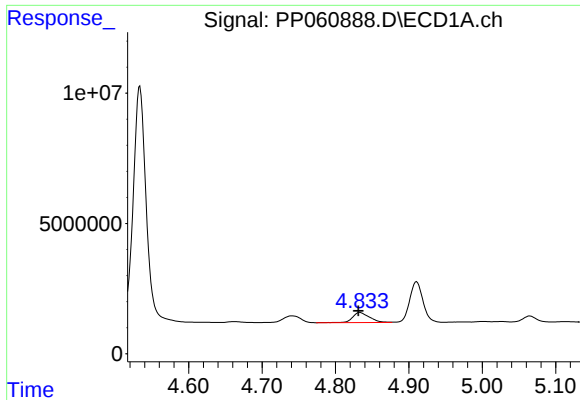
#8 AR-1221-1

R.T.: 4.741 min
Delta R.T.: -0.002 min
Response: 4309700
Conc: 149.19 ng/ml



#8 AR-1221-1

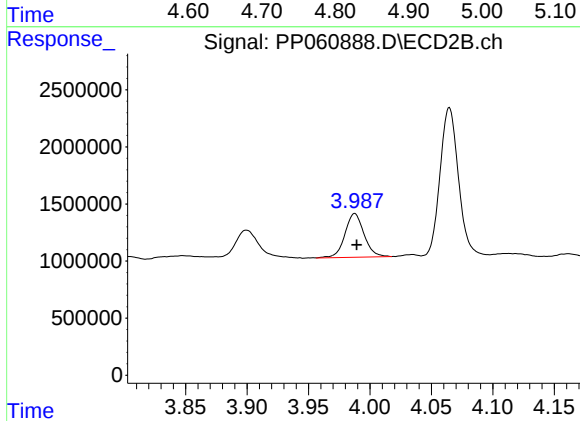
R.T.: 3.899 min
Delta R.T.: -0.004 min
Response: 3357022
Conc: 160.70 ng/ml



#9 AR-1221-2

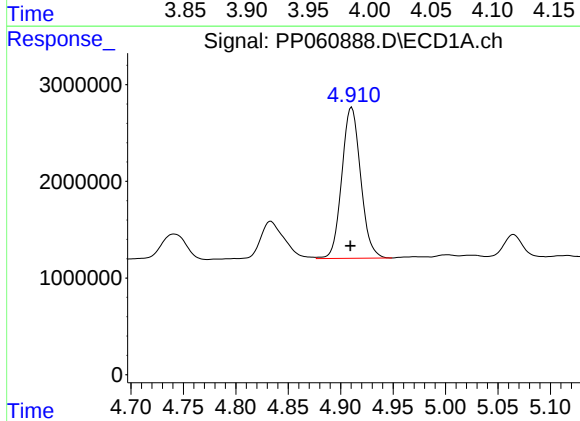
R.T.: 4.833 min
Delta R.T.: 0.002 min
Response: 6227984
Conc: 291.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



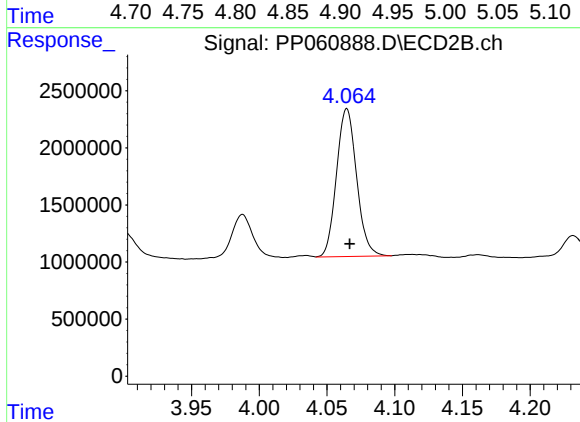
#9 AR-1221-2

R.T.: 3.988 min
Delta R.T.: -0.002 min
Response: 4151498
Conc: 278.42 ng/ml



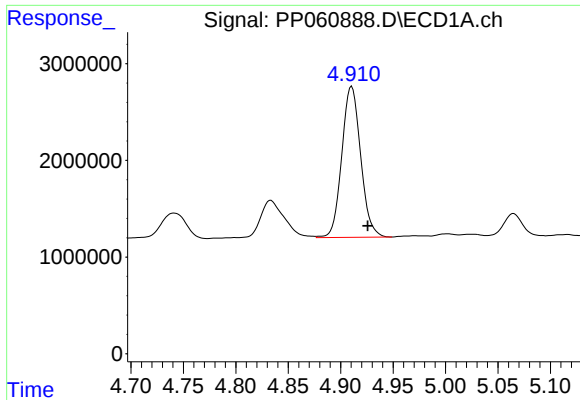
#10 AR-1221-3

R.T.: 4.911 min
Delta R.T.: 0.001 min
Response: 19556278
Conc: 322.03 ng/ml



#10 AR-1221-3

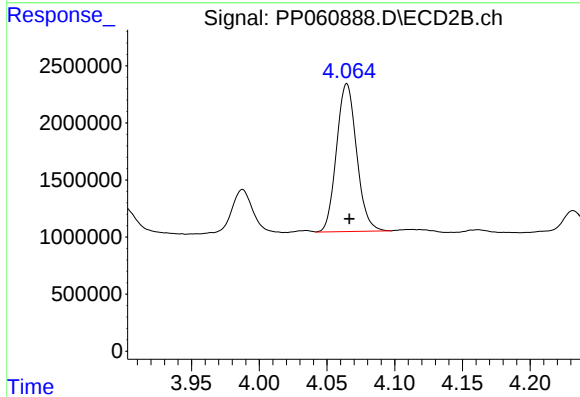
R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 13377519
Conc: 304.53 ng/ml



#11 AR-1232-1

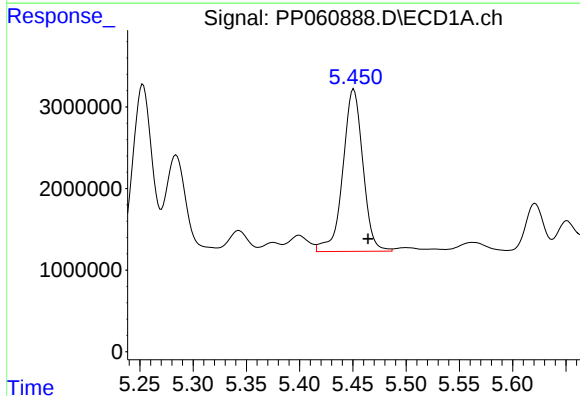
R.T.: 4.911 min
Delta R.T.: -0.015 min
Response: 19556278
Conc: 388.50 ng/ml

Instrument :
ECD_P
ClientSampleId :



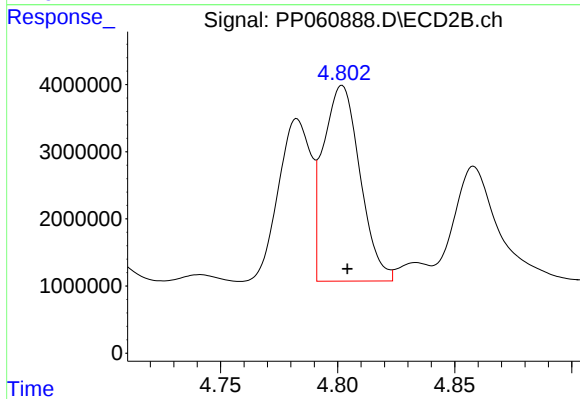
#11 AR-1232-1

R.T.: 4.065 min
Delta R.T.: -0.002 min
Response: 13377519
Conc: 367.62 ng/ml



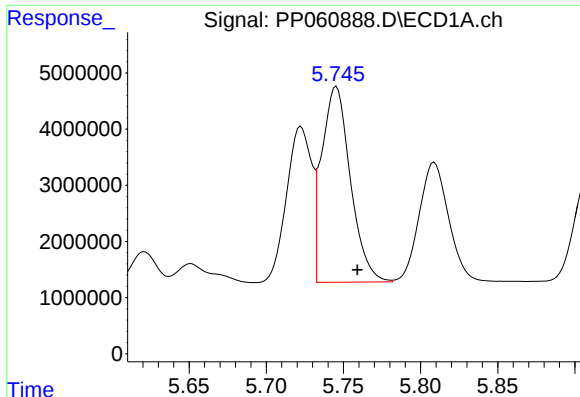
#12 AR-1232-2

R.T.: 5.451 min
Delta R.T.: -0.014 min
Response: 26070219
Conc: 952.07 ng/ml



#12 AR-1232-2

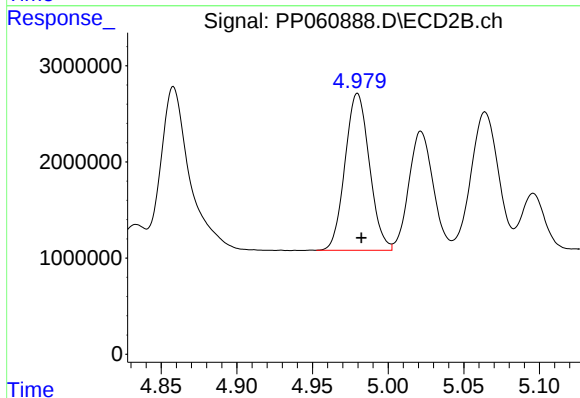
R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 31811043
Conc: 872.29 ng/ml



#13 AR-1232-3

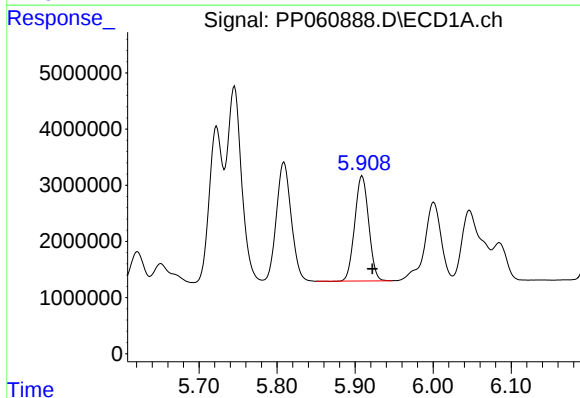
R.T.: 5.745 min
Delta R.T.: -0.014 min
Response: 45034480
Conc: 970.21 ng/ml

Instrument :
ECD_P
ClientSampleId :



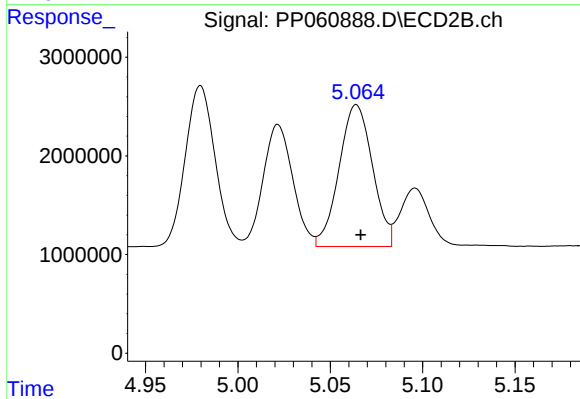
#13 AR-1232-3

R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18311371
Conc: 914.87 ng/ml



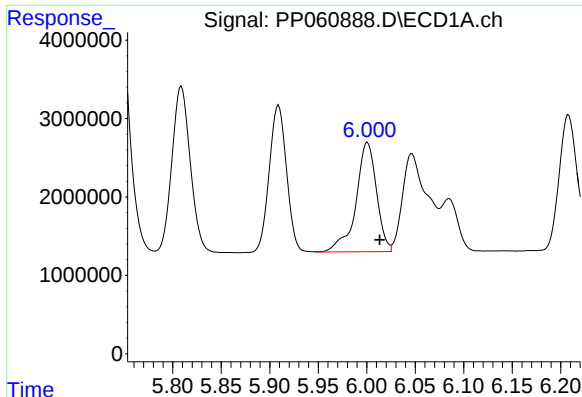
#14 AR-1232-4

R.T.: 5.909 min
Delta R.T.: -0.013 min
Response: 23250862
Conc: 945.94 ng/ml



#14 AR-1232-4

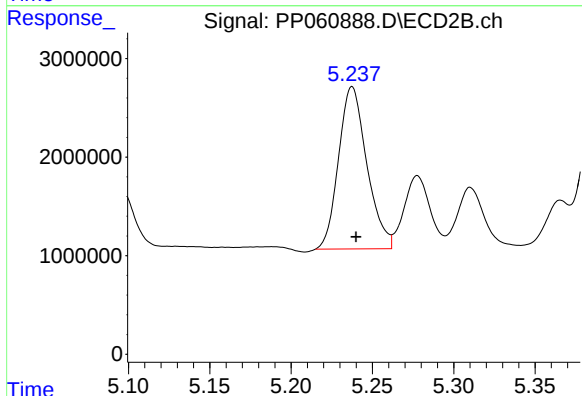
R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 18130794
Conc: 971.42 ng/ml



#15 AR-1232-5

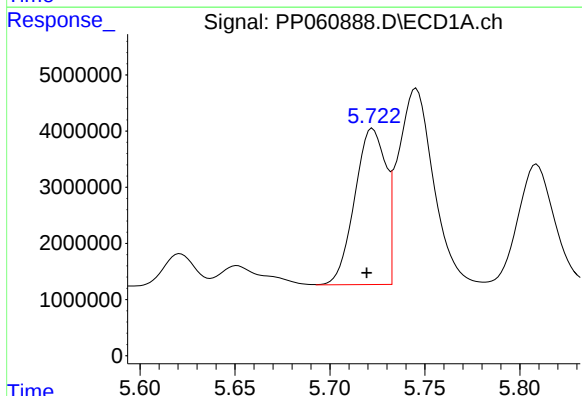
R.T.: 6.001 min
Delta R.T.: -0.013 min
Response: 20585923
Conc: 993.45 ng/ml

Instrument :
ECD_P
ClientSampleId :



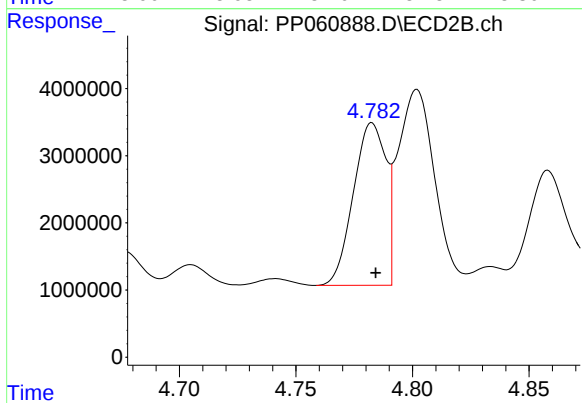
#15 AR-1232-5

R.T.: 5.238 min
Delta R.T.: -0.002 min
Response: 19933183
Conc: 958.36 ng/ml



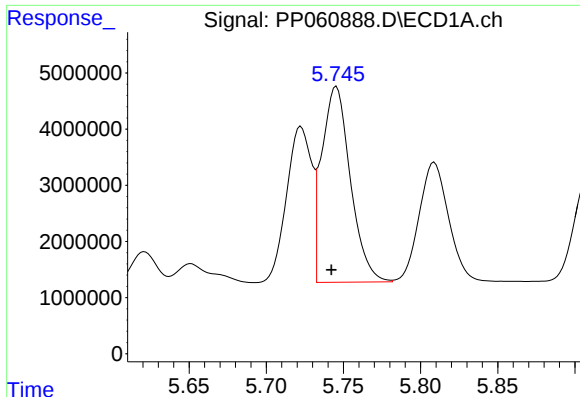
#16 AR-1242-1

R.T.: 5.723 min
Delta R.T.: 0.003 min
Response: 31583040
Conc: 494.20 ng/ml



#16 AR-1242-1

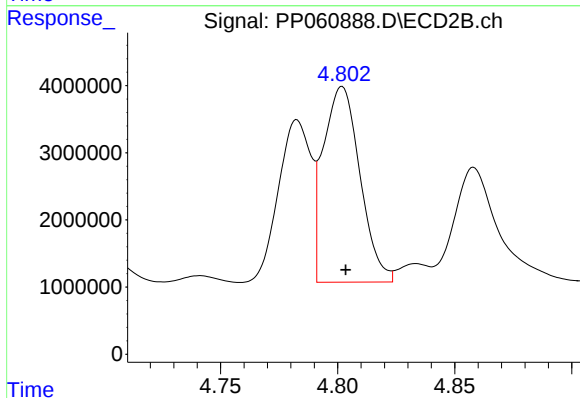
R.T.: 4.783 min
Delta R.T.: -0.002 min
Response: 23484447
Conc: 463.87 ng/ml



#17 AR-1242-2

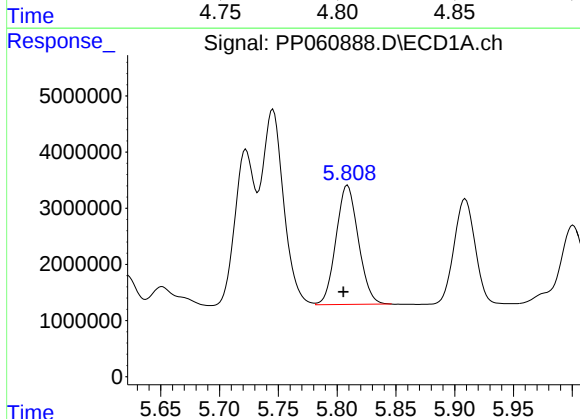
R.T.: 5.745 min
Delta R.T.: 0.003 min
Response: 45034480
Conc: 497.36 ng/ml

Instrument :
ECD_P
ClientSampleId :



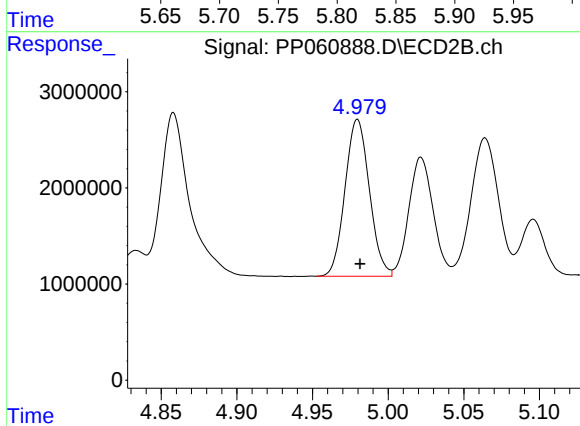
#17 AR-1242-2

R.T.: 4.802 min
Delta R.T.: -0.002 min
Response: 31811043
Conc: 458.08 ng/ml



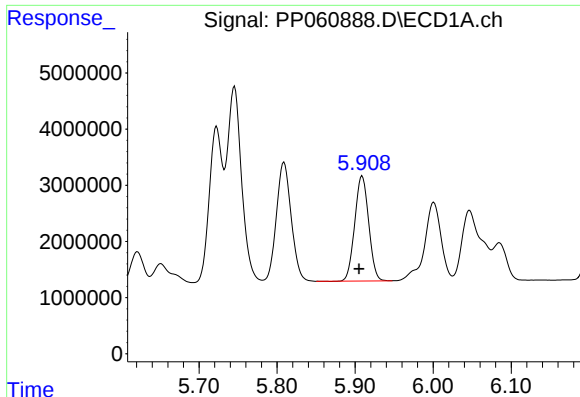
#18 AR-1242-3

R.T.: 5.809 min
Delta R.T.: 0.004 min
Response: 28080423
Conc: 498.76 ng/ml



#18 AR-1242-3

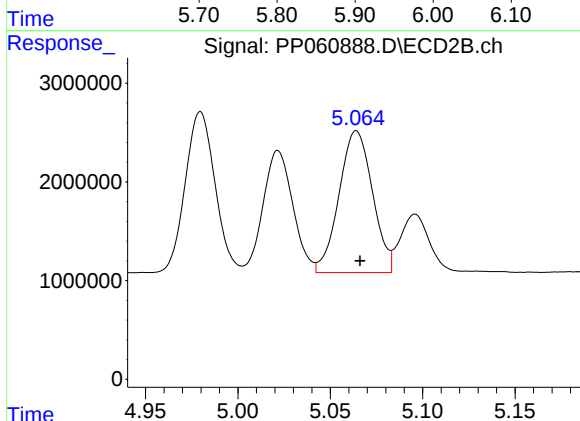
R.T.: 4.980 min
Delta R.T.: -0.002 min
Response: 18311371
Conc: 475.49 ng/ml



#19 AR-1242-4

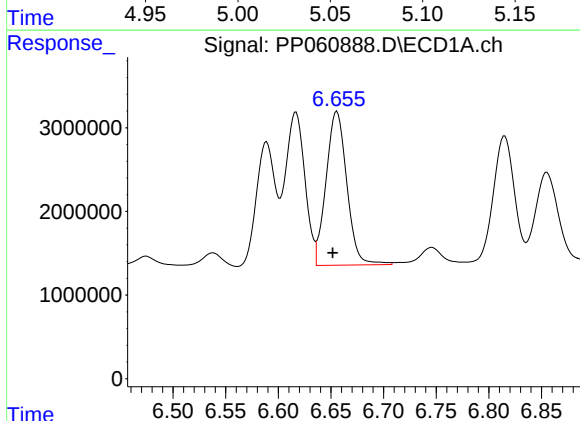
R.T.: 5.909 min
Delta R.T.: 0.004 min
Response: 23250862
Conc: 497.81 ng/ml

Instrument :
ECD_P
ClientSampleId :



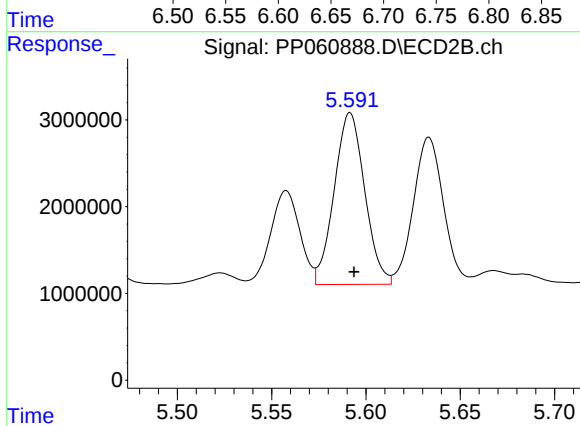
#19 AR-1242-4

R.T.: 5.064 min
Delta R.T.: -0.002 min
Response: 18130794
Conc: 460.37 ng/ml



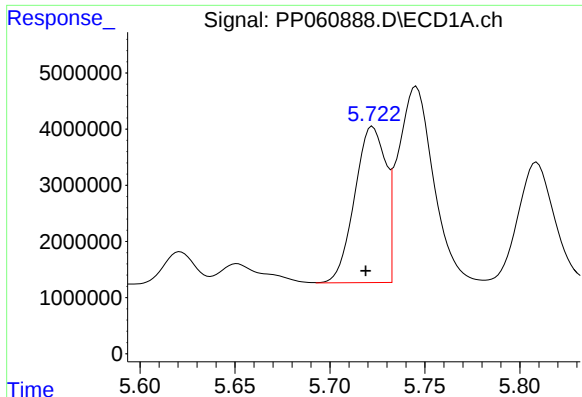
#20 AR-1242-5

R.T.: 6.656 min
Delta R.T.: 0.004 min
Response: 25257432
Conc: 502.18 ng/ml



#20 AR-1242-5

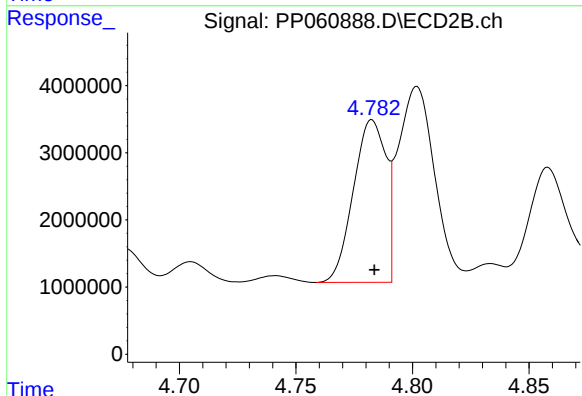
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 22285483
Conc: 455.58 ng/ml



#21 AR-1248-1

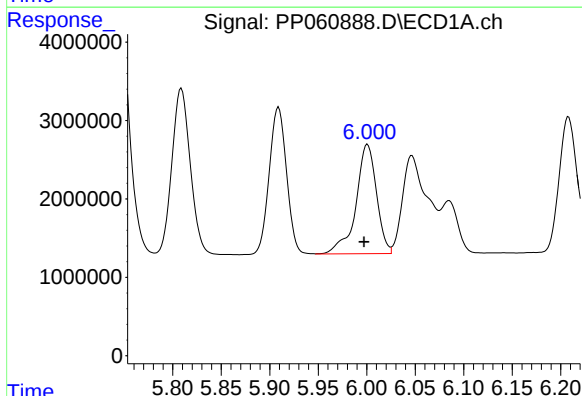
R.T.: 5.723 min
Delta R.T.: 0.004 min
Response: 31583040
Conc: 678.85 ng/ml

Instrument :
ECD_P
ClientSampleId :



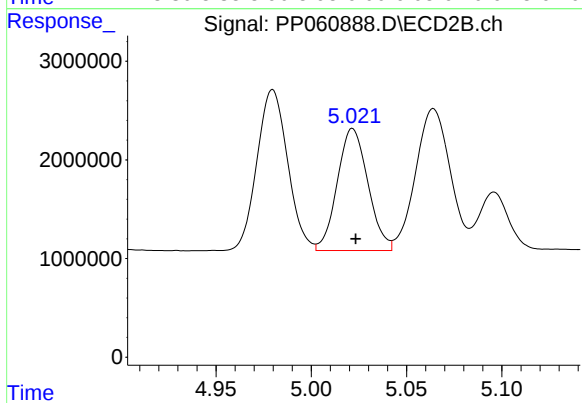
#21 AR-1248-1

R.T.: 4.783 min
Delta R.T.: -0.001 min
Response: 23484447
Conc: 643.52 ng/ml



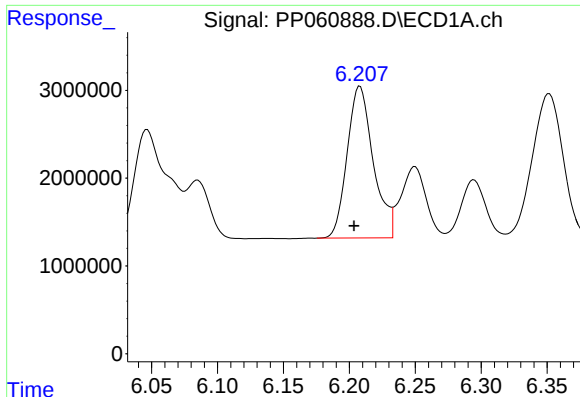
#22 AR-1248-2

R.T.: 6.001 min
Delta R.T.: 0.004 min
Response: 20585923
Conc: 296.90 ng/ml



#22 AR-1248-2

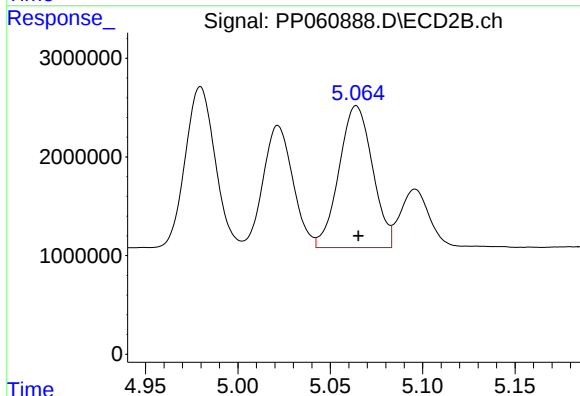
R.T.: 5.022 min
Delta R.T.: -0.002 min
Response: 13874038
Conc: 265.42 ng/ml



#23 AR-1248-3

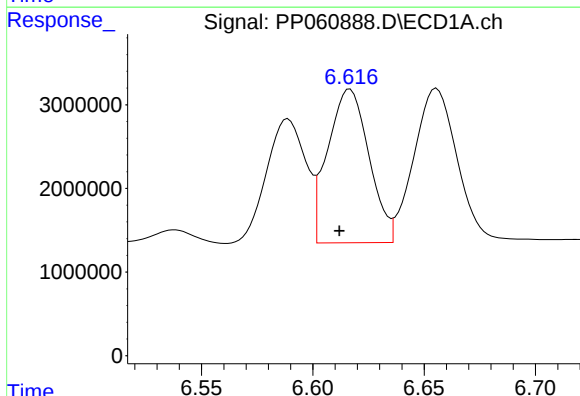
R.T.: 6.208 min
Delta R.T.: 0.005 min
Response: 23862861
Conc: 314.19 ng/ml

Instrument :
ECD_P
ClientSampleId :



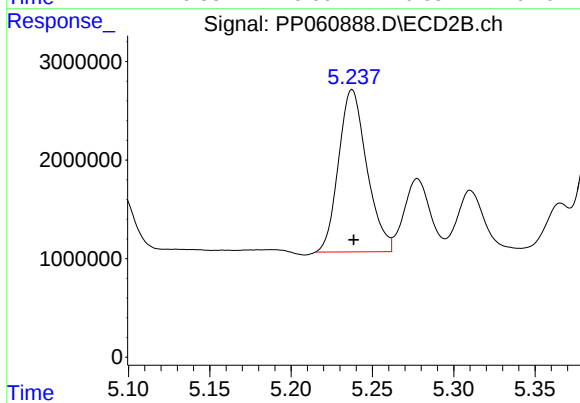
#23 AR-1248-3

R.T.: 5.064 min
Delta R.T.: -0.001 min
Response: 18130794
Conc: 326.54 ng/ml



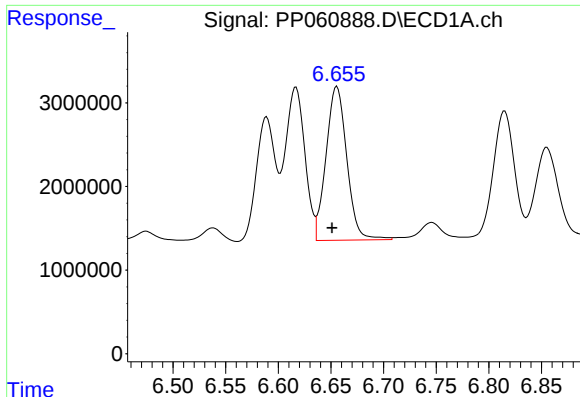
#24 AR-1248-4

R.T.: 6.617 min
Delta R.T.: 0.005 min
Response: 23688464
Conc: 286.42 ng/ml



#24 AR-1248-4

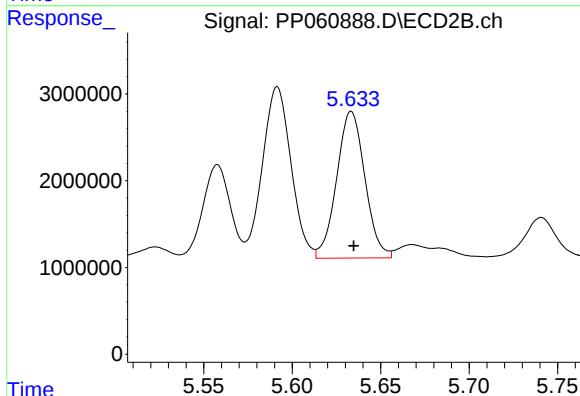
R.T.: 5.238 min
Delta R.T.: -0.001 min
Response: 19933183
Conc: 302.81 ng/ml



#25 AR-1248-5

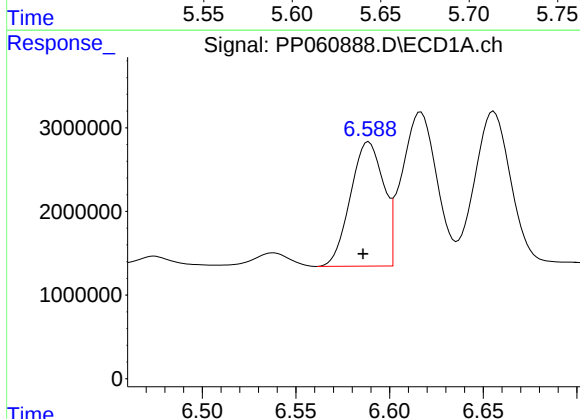
R.T.: 6.656 min
Delta R.T.: 0.004 min
Response: 25257432
Conc: 313.82 ng/ml

Instrument :
ECD_P
ClientSampleId :



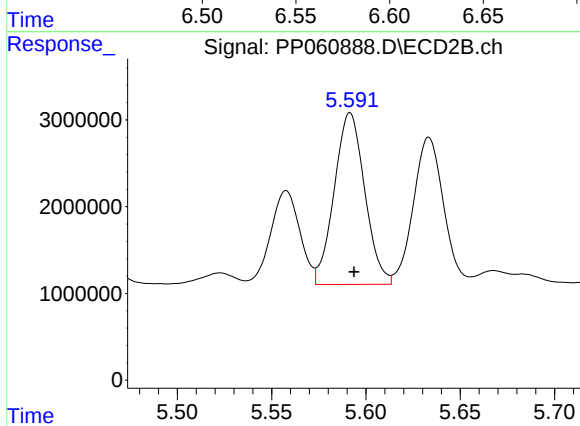
#25 AR-1248-5

R.T.: 5.633 min
Delta R.T.: -0.001 min
Response: 18820564
Conc: 292.60 ng/ml



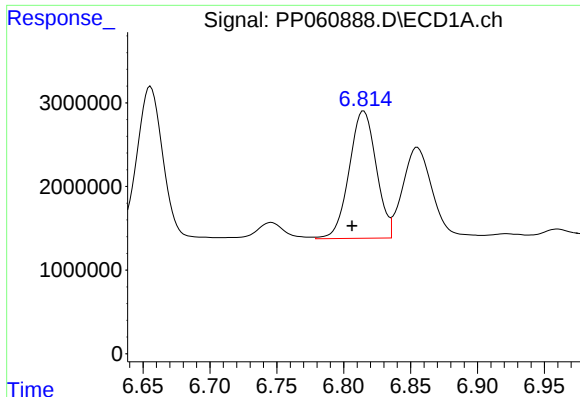
#26 AR-1254-1

R.T.: 6.589 min
Delta R.T.: 0.003 min
Response: 18275008
Conc: 214.14 ng/ml



#26 AR-1254-1

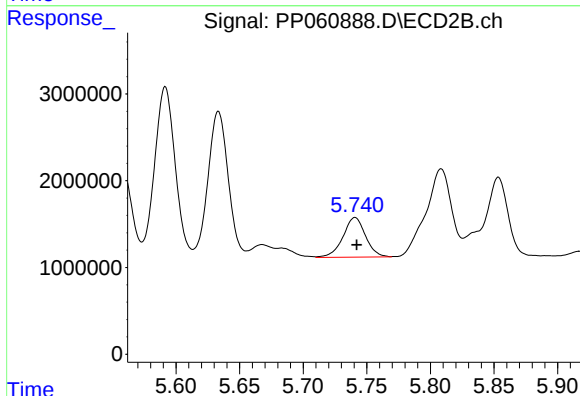
R.T.: 5.592 min
Delta R.T.: -0.002 min
Response: 22285483
Conc: 225.29 ng/ml



#27 AR-1254-2

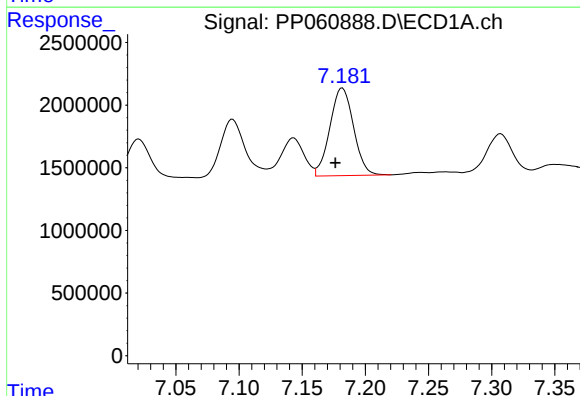
R.T.: 6.815 min
Delta R.T.: 0.009 min
Response: 21404328
Conc: 167.71 ng/ml

Instrument :
ECD_P
ClientSampleId :



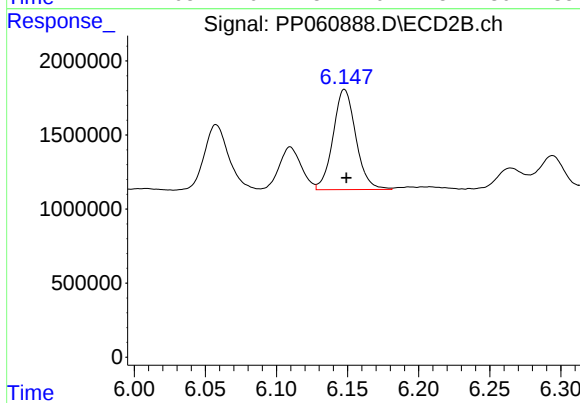
#27 AR-1254-2

R.T.: 5.741 min
Delta R.T.: -0.001 min
Response: 5646508
Conc: 65.70 ng/ml



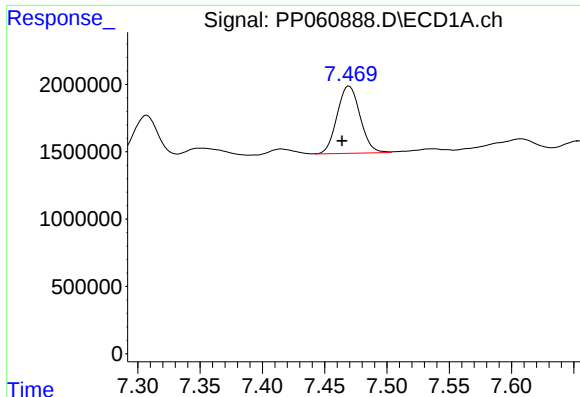
#28 AR-1254-3

R.T.: 7.182 min
Delta R.T.: 0.005 min
Response: 9130162
Conc: 68.69 ng/ml



#28 AR-1254-3

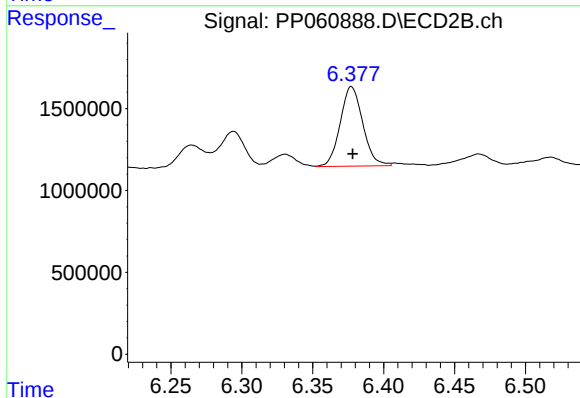
R.T.: 6.148 min
Delta R.T.: -0.001 min
Response: 7551345
Conc: 52.69 ng/ml



#29 AR-1254-4

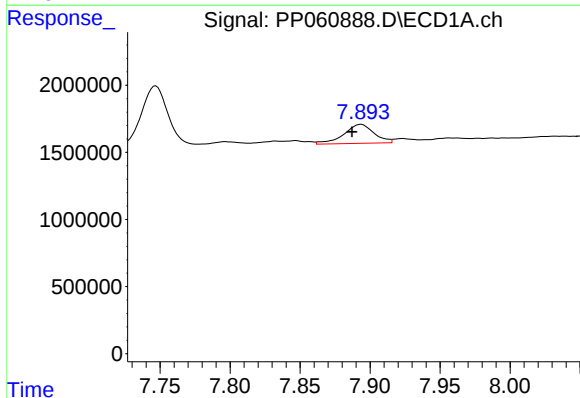
R.T.: 7.470 min
Delta R.T.: 0.005 min
Response: 6433025
Conc: 65.42 ng/ml

Instrument :
ECD_P
ClientSampleId :



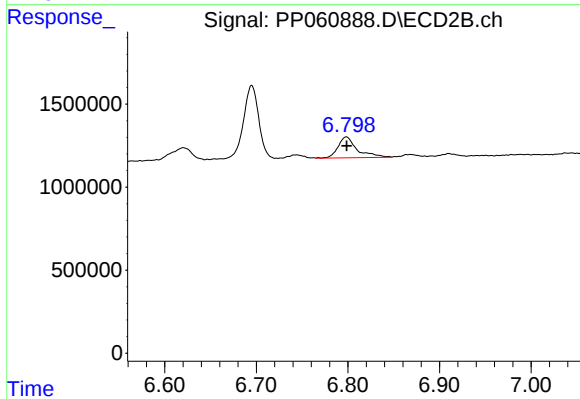
#29 AR-1254-4

R.T.: 6.377 min
Delta R.T.: 0.000 min
Response: 5372444
Conc: 61.64 ng/ml



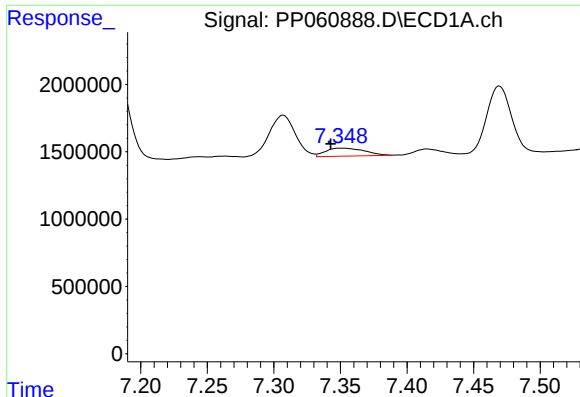
#30 AR-1254-5

R.T.: 7.893 min
Delta R.T.: 0.006 min
Response: 2123737
Conc: 19.60 ng/ml



#30 AR-1254-5

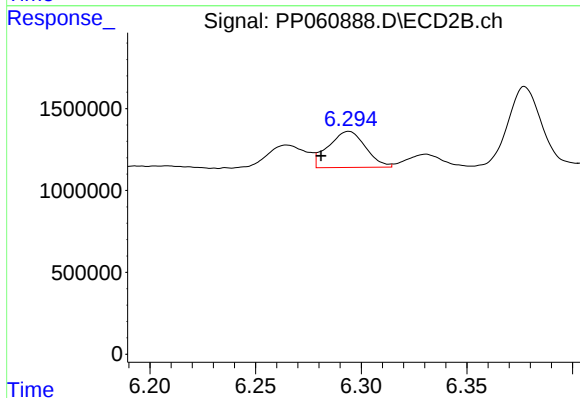
R.T.: 6.798 min
Delta R.T.: 0.000 min
Response: 1841754
Conc: 14.53 ng/ml



#31 AR-1260-1

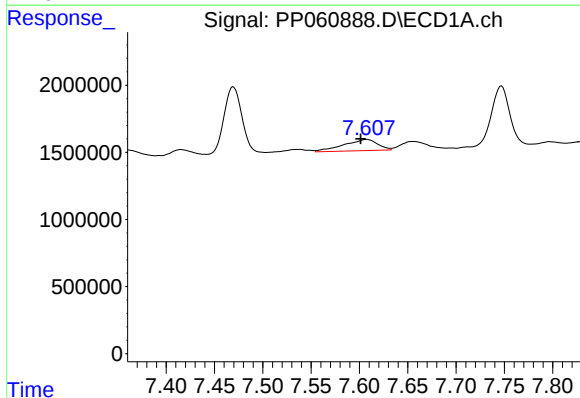
R.T.: 7.350 min
Delta R.T.: 0.007 min
Response: 1213178
Conc: 11.57 ng/ml

Instrument :
ECD_P
ClientSampleId :



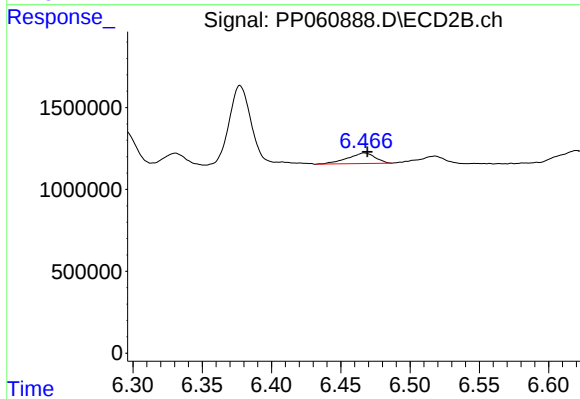
#31 AR-1260-1

R.T.: 6.294 min
Delta R.T.: 0.013 min
Response: 2711956
Conc: 27.02 ng/ml



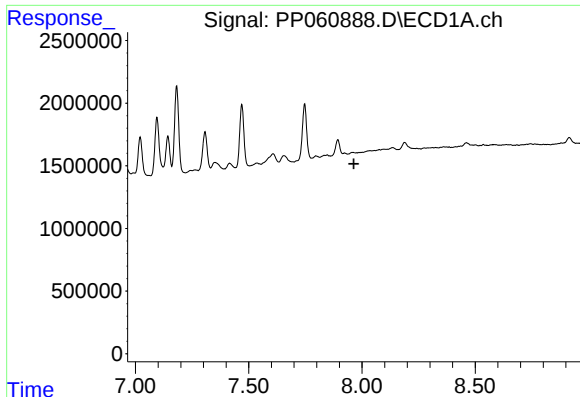
#32 AR-1260-2

R.T.: 7.608 min
Delta R.T.: 0.006 min
Response: 2041629
Conc: 16.89 ng/ml



#32 AR-1260-2

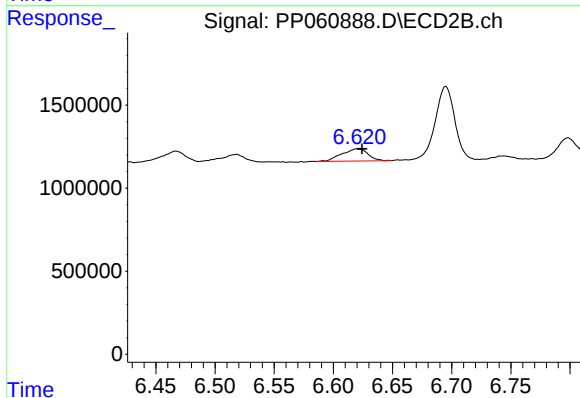
R.T.: 6.467 min
Delta R.T.: -0.002 min
Response: 892984
Conc: 7.48 ng/ml



#33 AR-1260-3

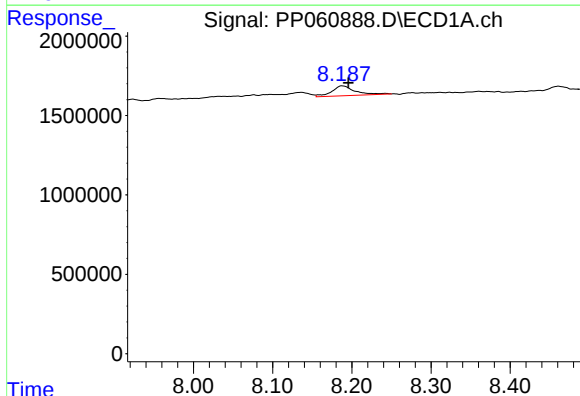
R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



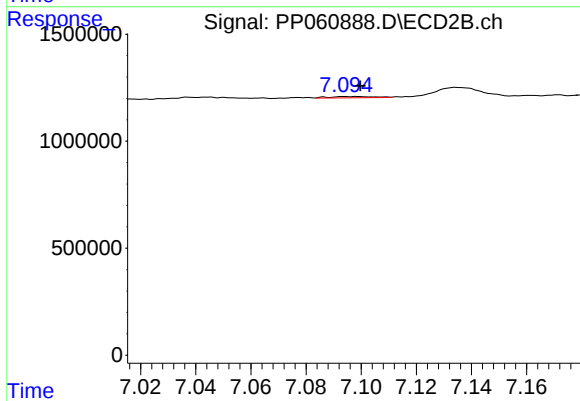
#33 AR-1260-3

R.T.: 6.620 min
Delta R.T.: -0.004 min
Response: 1138483
Conc: 9.94 ng/ml



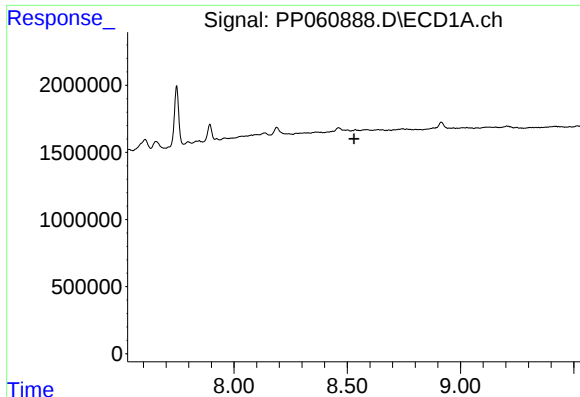
#34 AR-1260-4

R.T.: 8.188 min
Delta R.T.: -0.007 min
Response: 1256399
Conc: 11.85 ng/ml



#34 AR-1260-4

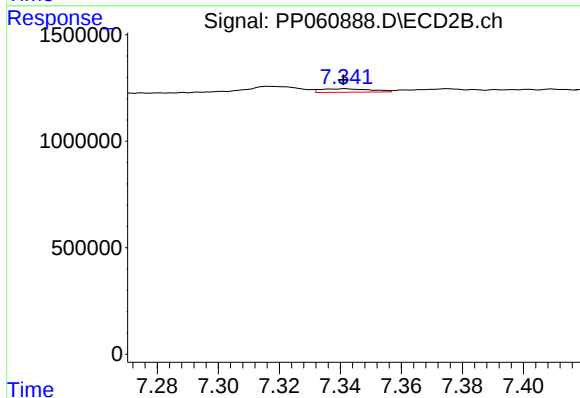
R.T.: 7.098 min
Delta R.T.: -0.001 min
Response: 69241
Conc: 0.73 ng/ml



#35 AR-1260-5

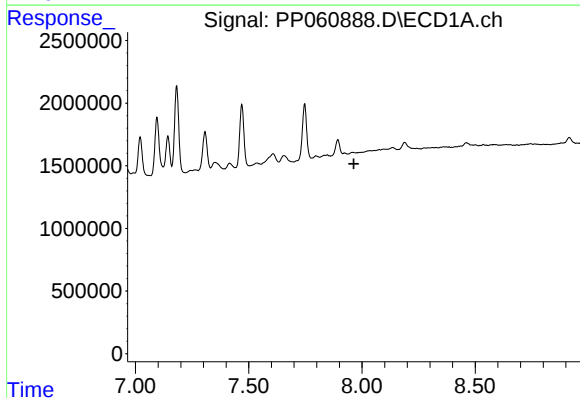
R.T.: 0.000 min
Exp R.T.: 8.530 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



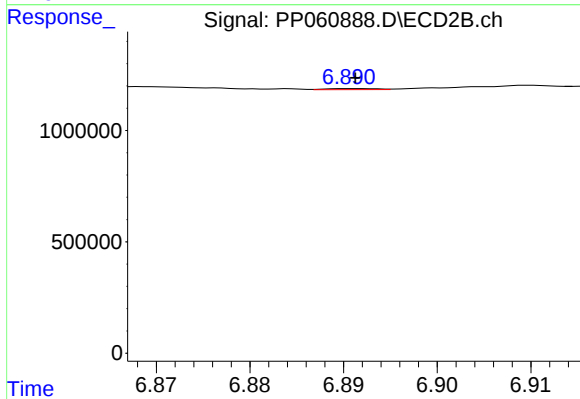
#35 AR-1260-5

R.T.: 7.342 min
Delta R.T.: 0.000 min
Response: 184412
Conc: 0.85 ng/ml



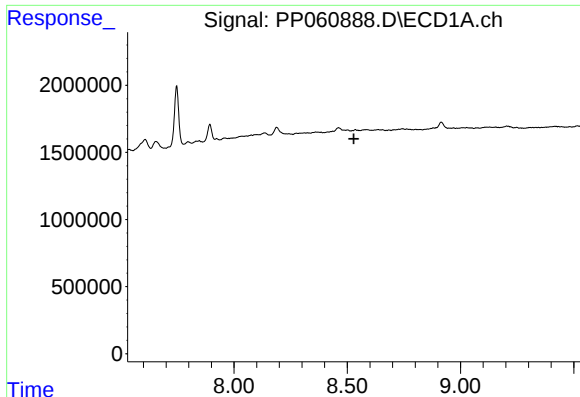
#36 AR-1262-1

R.T.: 0.000 min
Exp R.T.: 7.964 min
Response: 0
Conc: N.D.



#36 AR-1262-1

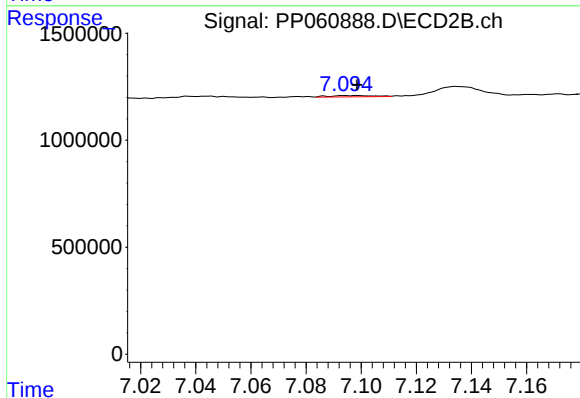
R.T.: 6.891 min
Delta R.T.: 0.000 min
Response: 18576
Conc: 0.35 ng/ml



#37 AR-1262-2

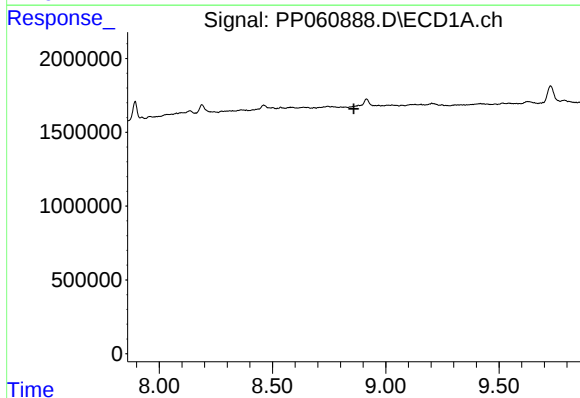
R.T.: 0.000 min
Exp R.T.: 8.529 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



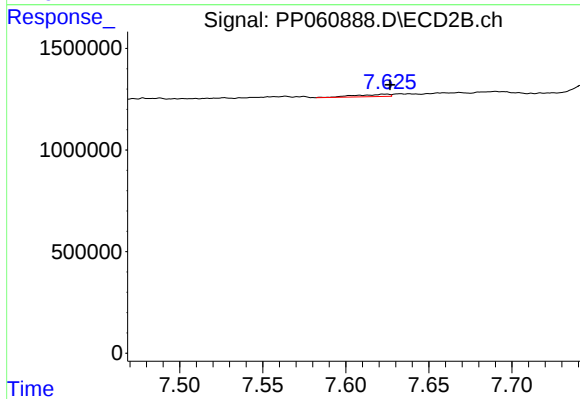
#37 AR-1262-2

R.T.: 7.098 min
Delta R.T.: 0.000 min
Response: 69241
Conc: 0.59 ng/ml



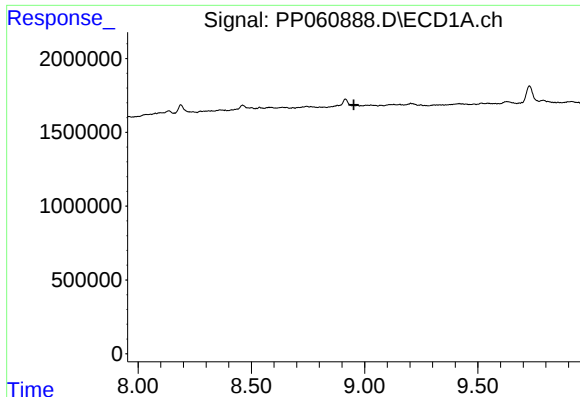
#38 AR-1262-3

R.T.: 0.000 min
Exp R.T.: 8.859 min
Response: 0
Conc: N.D.



#38 AR-1262-3

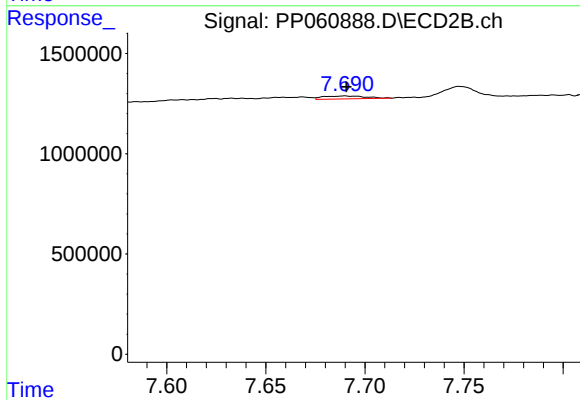
R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 162865
Conc: 1.77 ng/ml



#39 AR-1262-4

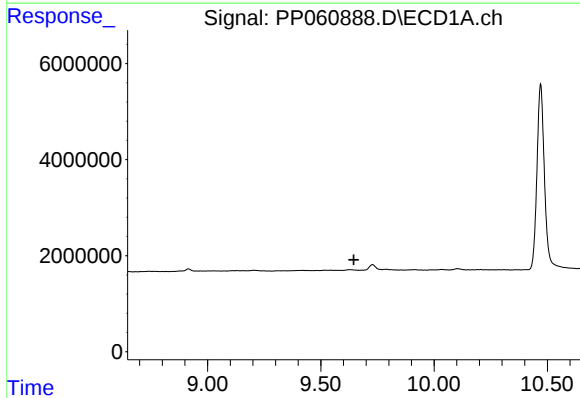
R.T.: 0.000 min
Exp R.T.: 8.952 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



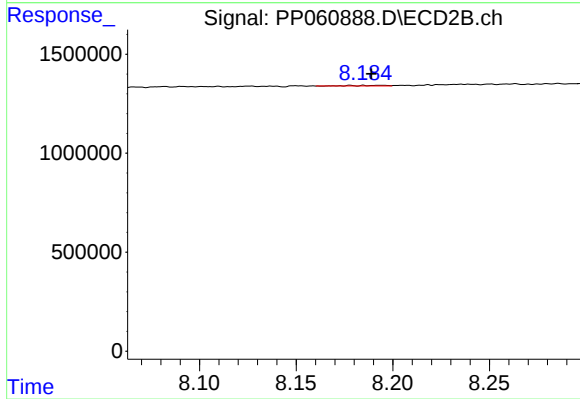
#39 AR-1262-4

R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 216183
Conc: 1.28 ng/ml



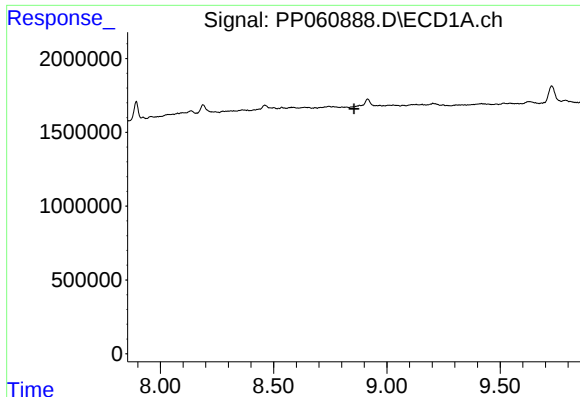
#40 AR-1262-5

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



#40 AR-1262-5

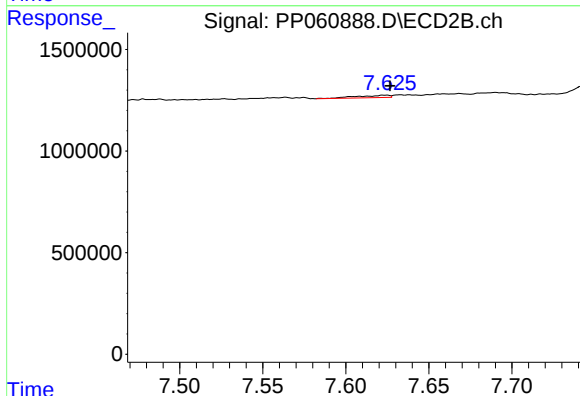
R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 32630
Conc: 0.42 ng/ml



#41 AR-1268-1

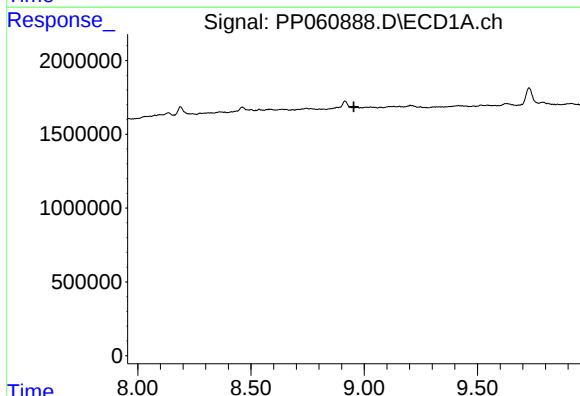
R.T.: 0.000 min
Exp R.T.: 8.855 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



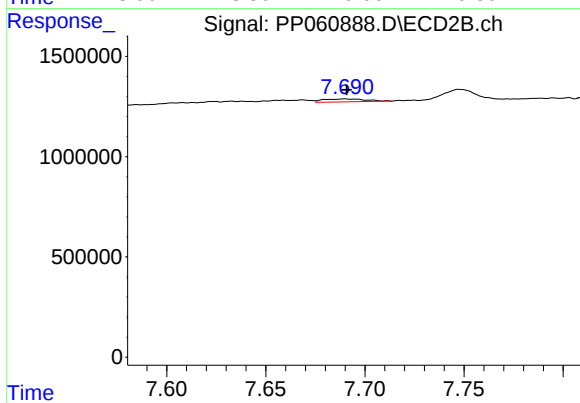
#41 AR-1268-1

R.T.: 7.624 min
Delta R.T.: -0.003 min
Response: 162865
Conc: 0.60 ng/ml



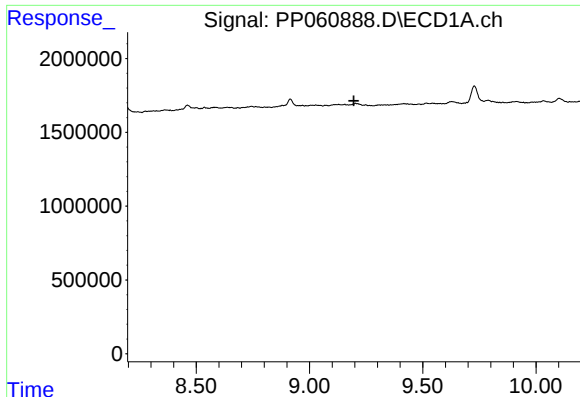
#42 AR-1268-2

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



#42 AR-1268-2

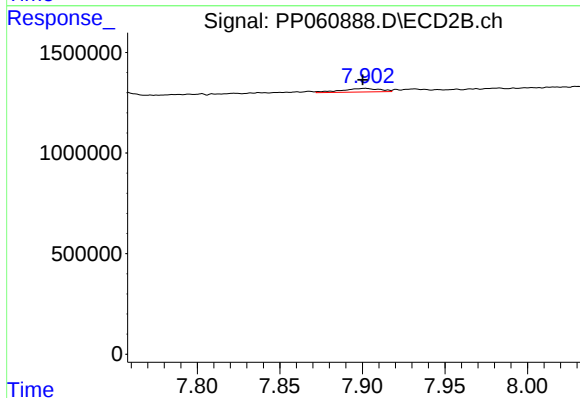
R.T.: 7.690 min
Delta R.T.: 0.000 min
Response: 216183
Conc: 0.89 ng/ml



#43 AR-1268-3

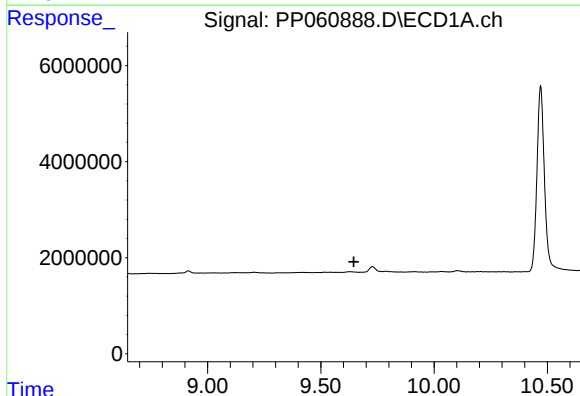
R.T.: 0.000 min
Exp R.T. : 9.196 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :



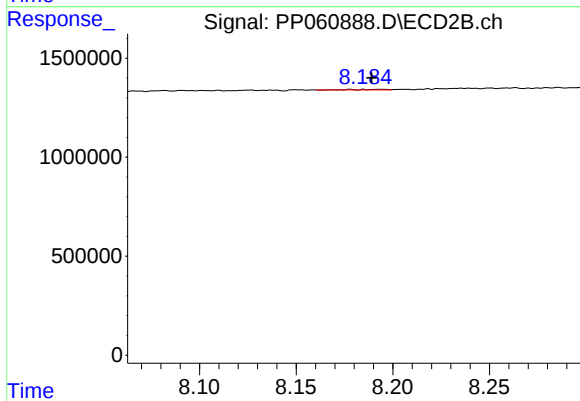
#43 AR-1268-3

R.T.: 7.902 min
Delta R.T.: 0.002 min
Response: 295064
Conc: 1.38 ng/ml



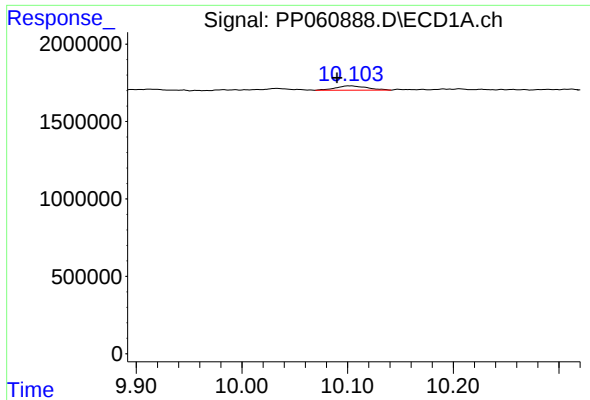
#44 AR-1268-4

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



#44 AR-1268-4

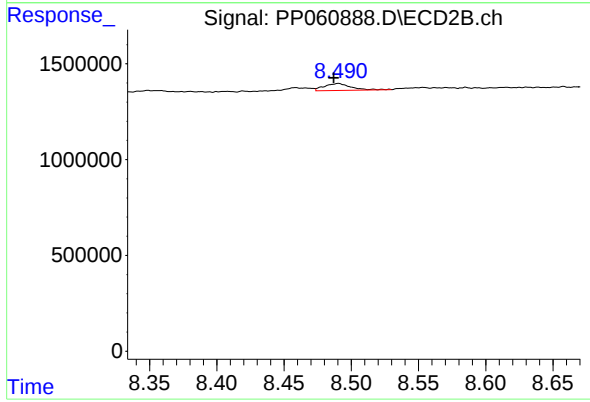
R.T.: 8.185 min
Delta R.T.: -0.004 min
Response: 32630
Conc: 0.37 ng/ml



#45 AR-1268-5

R.T.: 10.102 min
Delta R.T.: 0.012 min
Response: 563756
Conc: 0.89 ng/ml

Instrument :
ECD_P
ClientSampleId :



#45 AR-1268-5

R.T.: 8.490 min
Delta R.T.: 0.004 min
Response: 508825
Conc: 0.81 ng/ml