

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_P\Data\PP060322\
 Data File : PP048415.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jun 2022 19:30
 Operator : YP\AJ
 Sample : N2988-24
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 ECD_R
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 04 01:01:37 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_P\methods\PP052722.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Fri May 27 23:53:39 2022
 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...	4.033	3.213	46989297	37899933	20.066	19.231
2)	SA Decachlor...	10.383	8.639	35938360	29193956	18.490	18.060
Target Compounds							
3)	L1 AR-1016-1	5.330	0.000	134013	0	1.589	N.D. #
4)	L1 AR-1016-2	5.345	0.000	42145	0	0.356	N.D. #
5)	L1 AR-1016-3	5.413	0.000	403484	0	5.971	N.D. #
6)	L1 AR-1016-4	5.526	4.666f	277361	51269	4.500	1.346 #
7)	L1 AR-1016-5	5.867f	4.869	381048	103408	6.765	2.166 #
8)	L2 AR-1221-1	4.271	0.000	27089264	0	1024.699	N.D. #
9)	L2 AR-1221-2	4.367	0.000	633727	0	30.942	N.D. #
10)	L2 AR-1221-3	4.460	3.612f	628029	793588	10.031	16.001 #
11)	L3 AR-1232-1	4.460	3.612f	628029	793588	12.091	18.374 #
12)	L3 AR-1232-2	5.042	0.000	1394678	0	58.092	N.D. #
13)	L3 AR-1232-3	5.345	0.000	42145	0	0.849	N.D. #
14)	L3 AR-1232-4	5.526	4.666f	277361	51269	11.603	2.954 #
15)	L3 AR-1232-5	5.625	4.869	197043	103408	12.061	5.279 #
16)	L4 AR-1242-1	5.330	0.000	134013	0	2.396	N.D. #
17)	L4 AR-1242-2	5.345	0.000	42145	0	0.512	N.D. #
18)	L4 AR-1242-3	5.413	0.000	403484	0	8.219	N.D. #
19)	L4 AR-1242-4	5.526	4.666f	277361	51269	7.009	1.596 #
20)	L4 AR-1242-5	6.344	5.263	3285225	591648	77.137	14.167 #
21)	L5 AR-1248-1	5.330	0.000	134013	0	3.107	N.D. #
22)	L5 AR-1248-2	5.625	4.666f	197043	51269	3.445	1.077 #
23)	L5 AR-1248-3	5.867f	4.666f	381048	51269	5.630	1.035 #
24)	L5 AR-1248-4	0.000	4.869	0	103408	N.D.	1.775 #
25)	L5 AR-1248-5	6.344	0.000	3285225	0	43.189	N.D. #
26)	L6 AR-1254-1	6.265	5.263	2610722	591648	35.962	6.749 #
27)	L6 AR-1254-2	6.502	5.394f	7958564	552078	66.886	7.348 #
28)	L6 AR-1254-3	6.937f	5.849	2176249	1389368	18.320	11.324 #
29)	L6 AR-1254-4	7.227	6.082f	1028251	282991	11.400	3.769 #
30)	L6 AR-1254-5	7.695	6.535f	13864290	11980536	149.618	118.342
31)	L7 AR-1260-1	7.091	5.974	2665475	2267926	28.558	26.493
32)	L7 AR-1260-2	7.379	6.180	10946355	10265314	97.923	99.588
33)	L7 AR-1260-3	7.776	6.345	12755834	2992397	148.918	30.219 #
34)	L7 AR-1260-4	8.027	6.861	10240915	5011707	98.701	60.200 #
35)	L7 AR-1260-5	8.390	7.127	20659822	19405249	100.117	97.803
36)	L8 AR-1262-1	7.776	6.579f	12755834	11420233	111.845	105.701
37)	L8 AR-1262-2	8.390	6.861f	20659822	5011707	96.927	50.642 #
38)	L8 AR-1262-3	8.735	7.438f	5138363	7492352	55.136	99.560 #
39)	L8 AR-1262-4	8.814f	7.506f	9065868	15925567	152.474	109.344 #
40)	L8 AR-1262-5	9.567	8.049f	6892801	7758480	87.088	114.952 #
41)	L9 AR-1268-1	8.735	7.438f	5138363	7492352	19.424	32.081 #

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 Integrator: ChemStation

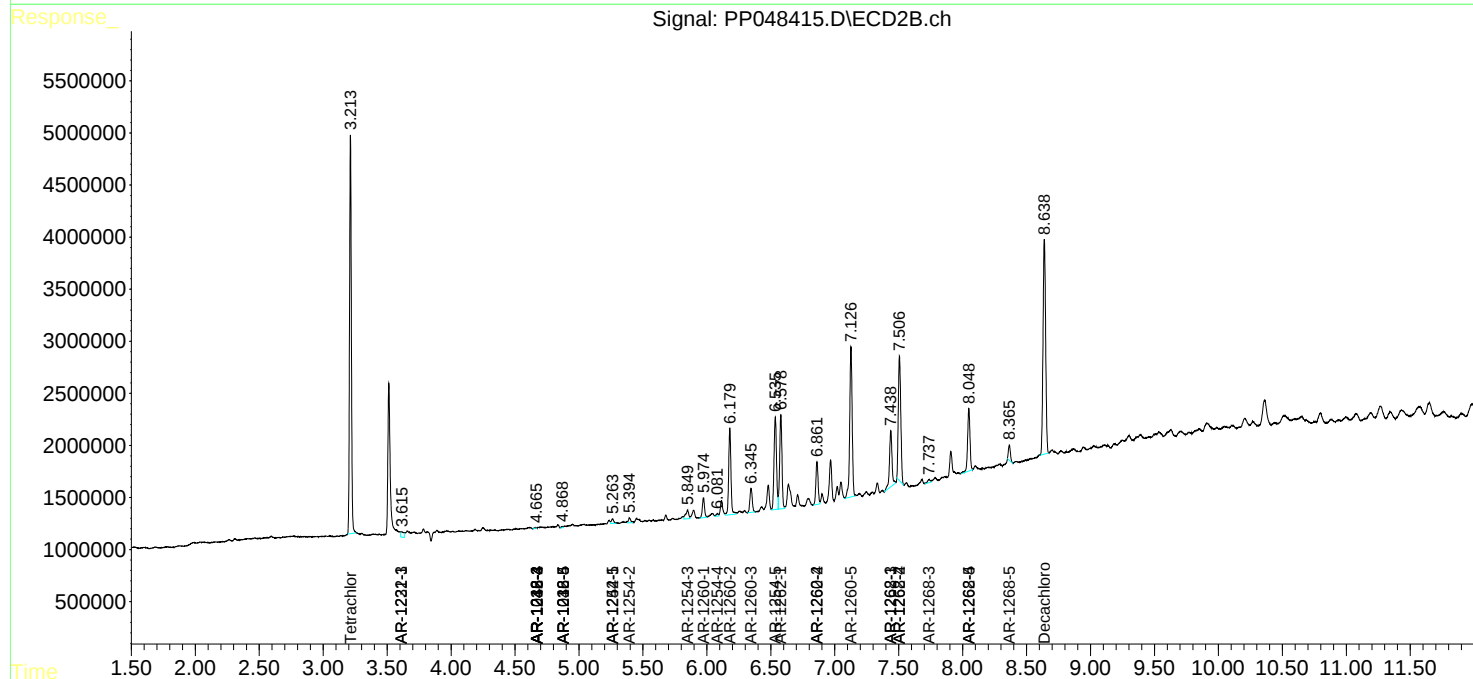
Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30Mx0.32mmx 0.50µ Signal #2 Info : 30M x 0.32mm x 0.25µm

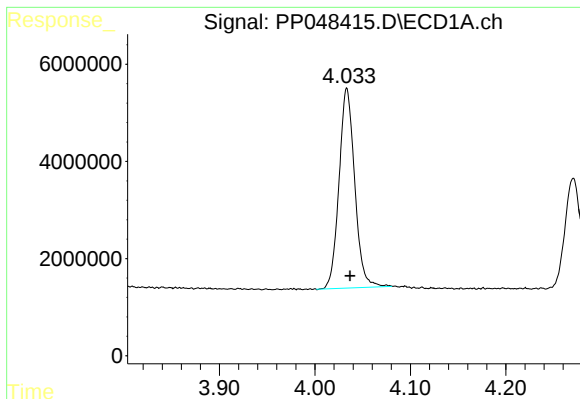
	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	0.000	7.506f	0	15925567	N.D.	73.605 #
43) L9	AR-1268-3	9.086	7.737f	399543	463860	1.943	2.496 #
44) L9	AR-1268-4	9.567	8.049f	6892801	7758480	76.732	94.443
45) L9	AR-1268-5	10.018	8.365f	3122004	1605875	4.422	2.650 #

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

Instrument :
ECD_R
ClientSampleId :

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

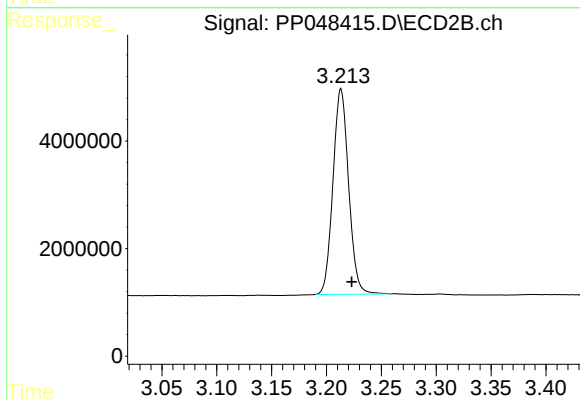




#1 Tetrachloro-m-xylene

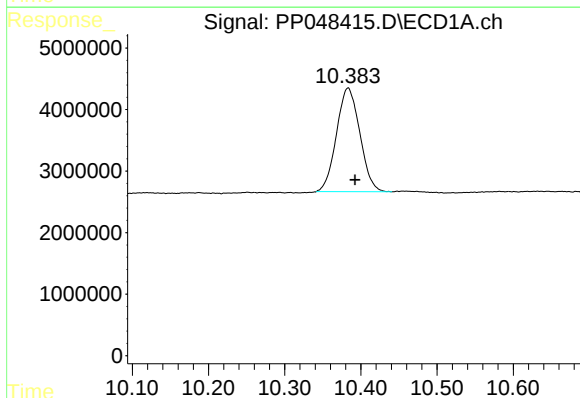
R.T.: 4.033 min
Delta R.T.: -0.004 min
Response: 46989297
Conc: 20.07 ng/ml

Instrument :
ECD_R
ClientSampleId :



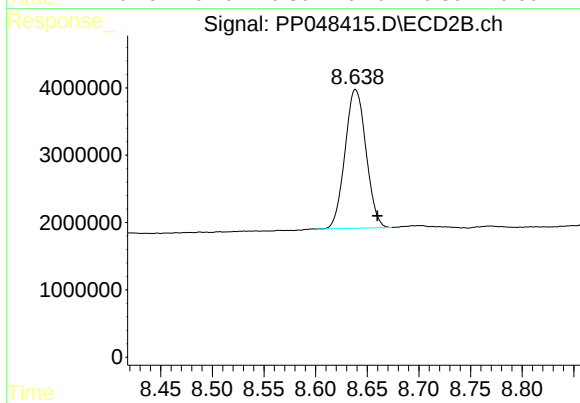
#1 Tetrachloro-m-xylene

R.T.: 3.213 min
Delta R.T.: -0.010 min
Response: 37899933
Conc: 19.23 ng/ml



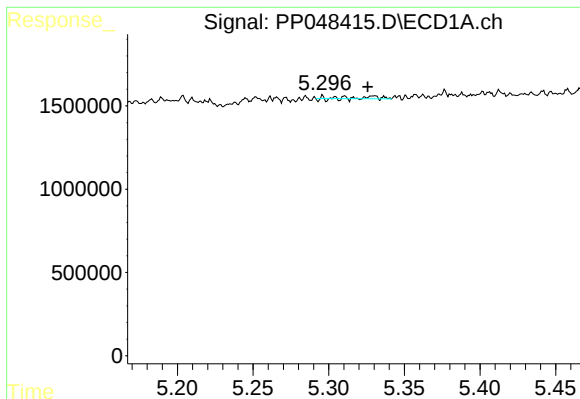
#2 Decachlorobiphenyl

R.T.: 10.383 min
Delta R.T.: -0.009 min
Response: 35938360
Conc: 18.49 ng/ml



#2 Decachlorobiphenyl

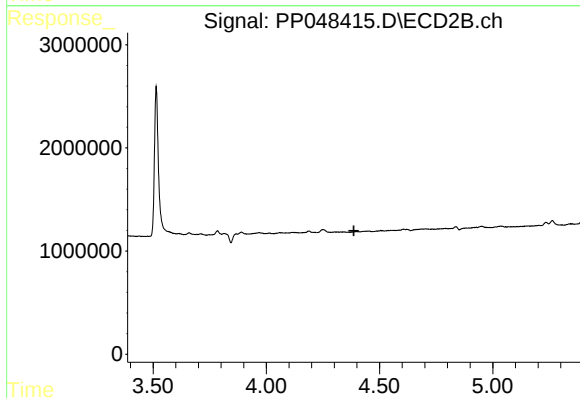
R.T.: 8.639 min
Delta R.T.: -0.021 min
Response: 29193956
Conc: 18.06 ng/ml



#3 AR-1016-1

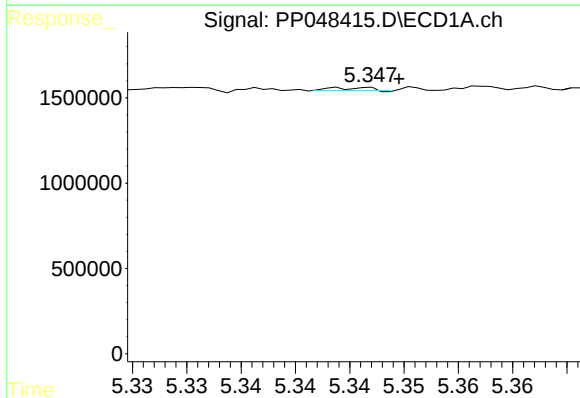
R.T.: 5.330 min
Delta R.T.: 0.004 min
Response: 134013
Conc: 1.59 ng/ml

Instrument :
ECD_R
ClientSampleId :



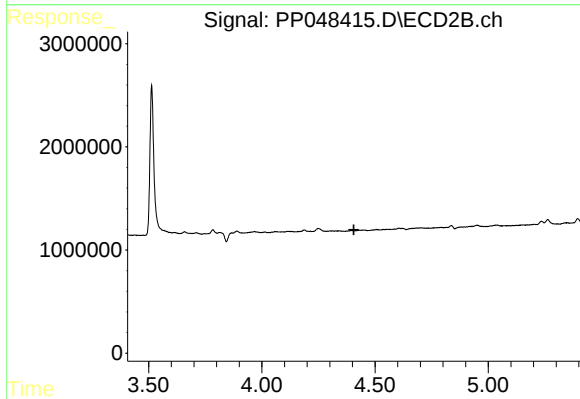
#3 AR-1016-1

R.T.: 0.000 min
Exp R.T. : 4.387 min
Response: 0
Conc: N.D.



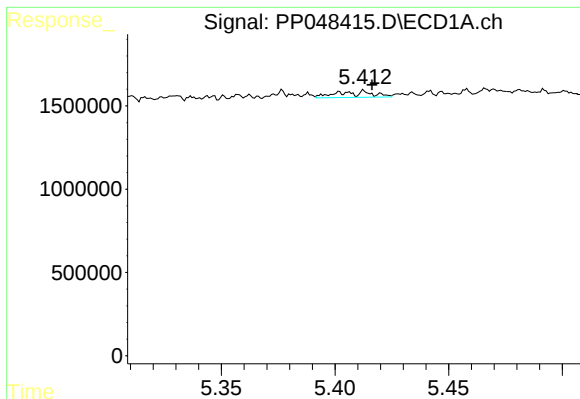
#4 AR-1016-2

R.T.: 5.345 min
Delta R.T.: -0.004 min
Response: 42145
Conc: 0.36 ng/ml



#4 AR-1016-2

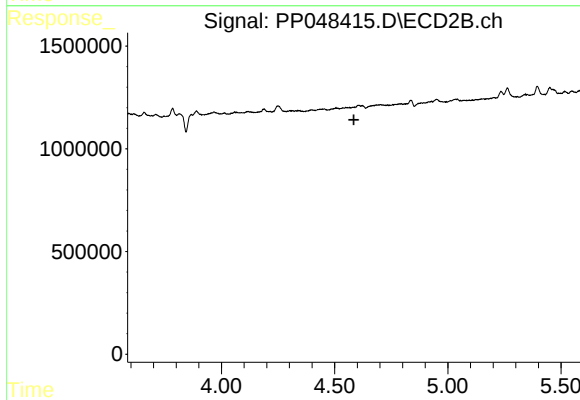
R.T.: 0.000 min
Exp R.T. : 4.407 min
Response: 0
Conc: N.D.



#5 AR-1016-3

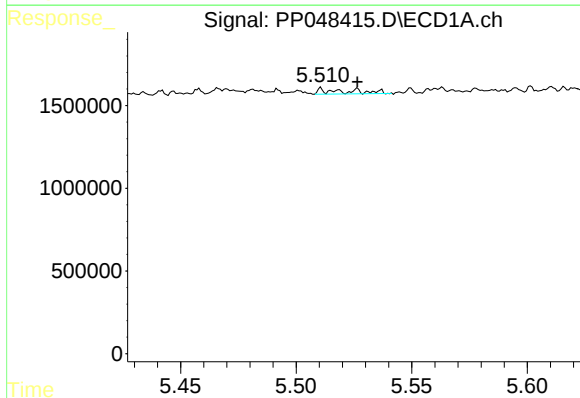
R.T.: 5.413 min
Delta R.T.: -0.003 min
Response: 403484
Conc: 5.97 ng/ml

Instrument :
ECD_R
ClientSampleId :



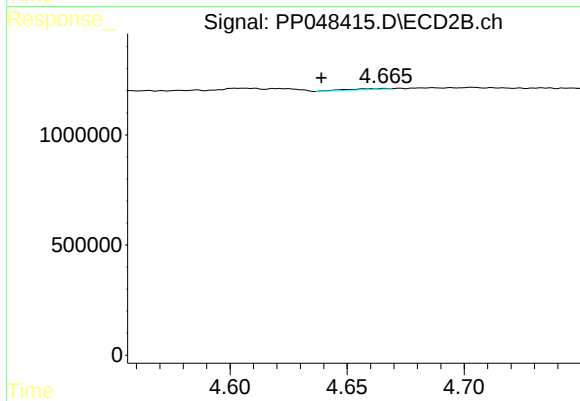
#5 AR-1016-3

R.T.: 0.000 min
Exp R.T. : 4.585 min
Response: 0
Conc: N.D.



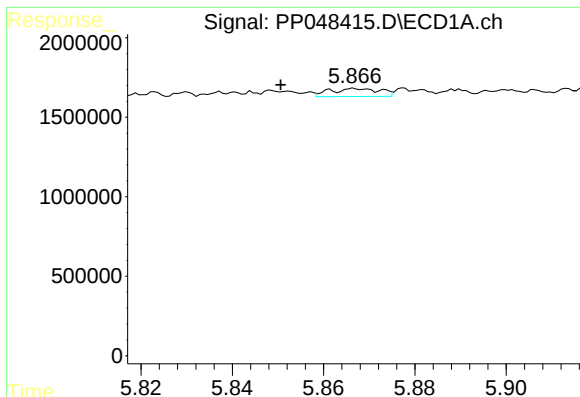
#6 AR-1016-4

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 277361
Conc: 4.50 ng/ml



#6 AR-1016-4

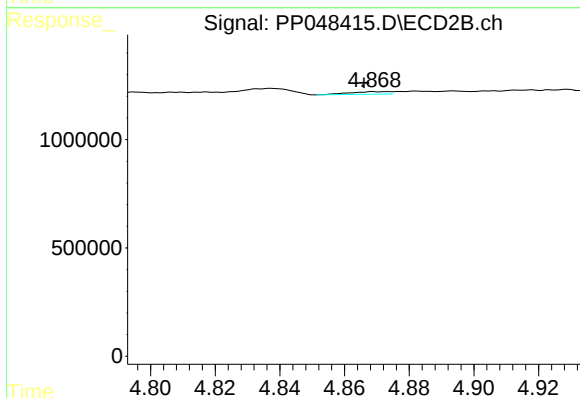
R.T.: 4.666 min
Delta R.T.: 0.027 min
Response: 51269
Conc: 1.35 ng/ml



#7 AR-1016-5

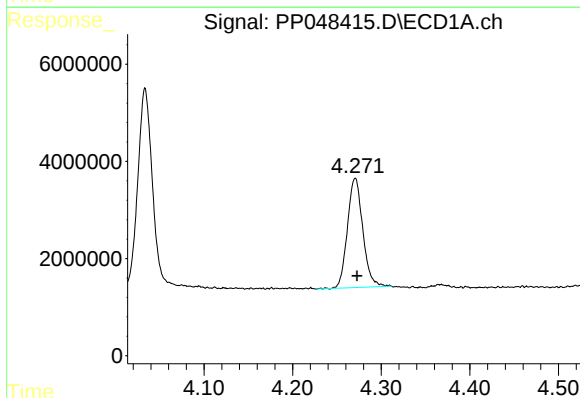
R.T.: 5.867 min
Delta R.T.: 0.017 min
Response: 381048
Conc: 6.76 ng/ml

Instrument :
ECD_R
ClientSampleId :



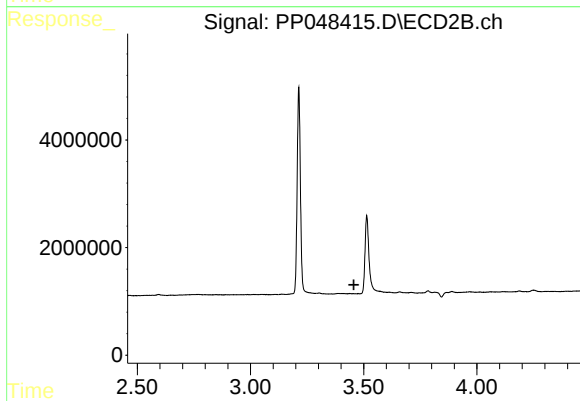
#7 AR-1016-5

R.T.: 4.869 min
Delta R.T.: 0.003 min
Response: 103408
Conc: 2.17 ng/ml



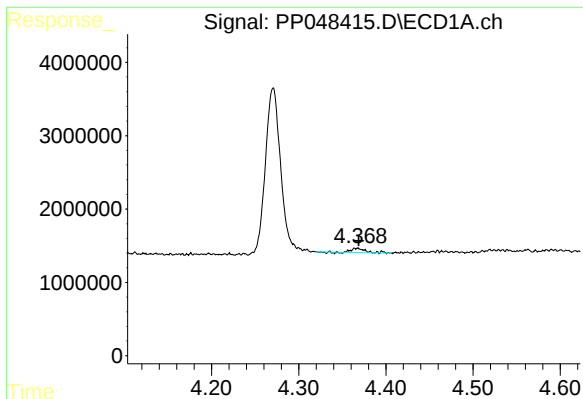
#8 AR-1221-1

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 27089264
Conc: 1024.70 ng/ml



#8 AR-1221-1

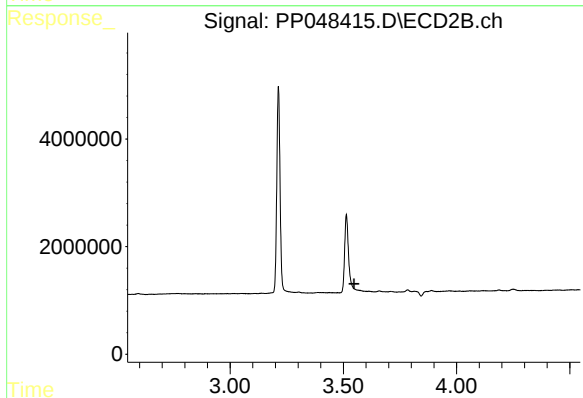
R.T.: 0.000 min
Exp R.T.: 3.457 min
Response: 0
Conc: N.D.



#9 AR-1221-2

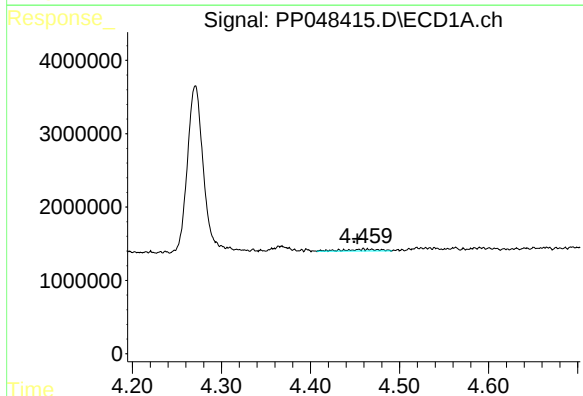
R.T.: 4.367 min
Delta R.T.: -0.002 min
Response: 633727
Conc: 30.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



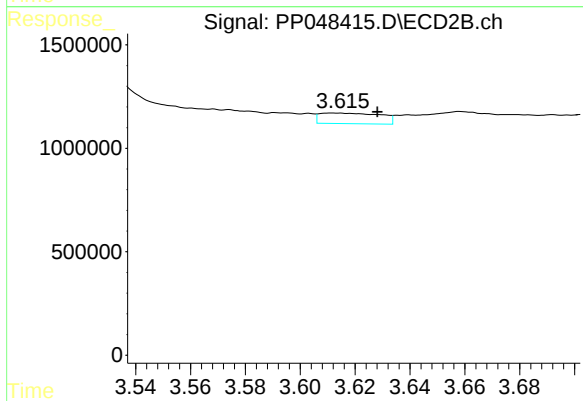
#9 AR-1221-2

R.T.: 0.000 min
Exp R.T. : 3.547 min
Response: 0
Conc: N.D.



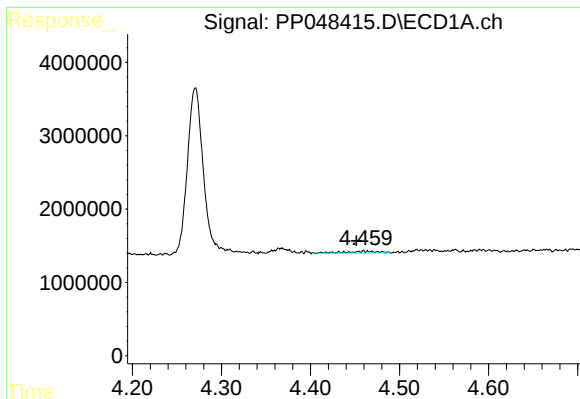
#10 AR-1221-3

R.T.: 4.460 min
Delta R.T.: 0.007 min
Response: 628029
Conc: 10.03 ng/ml



#10 AR-1221-3

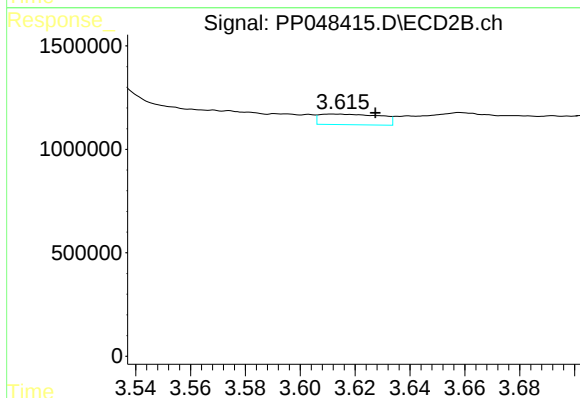
R.T.: 3.612 min
Delta R.T.: -0.017 min
Response: 793588
Conc: 16.00 ng/ml



#11 AR-1232-1

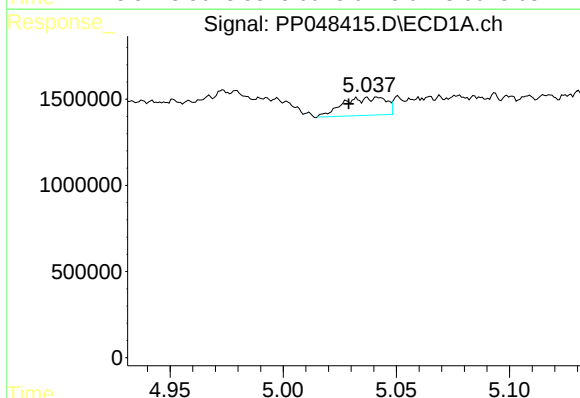
R.T.: 4.460 min
Delta R.T.: 0.008 min
Response: 628029
Conc: 12.09 ng/ml

Instrument :
ECD_R
ClientSampleId :



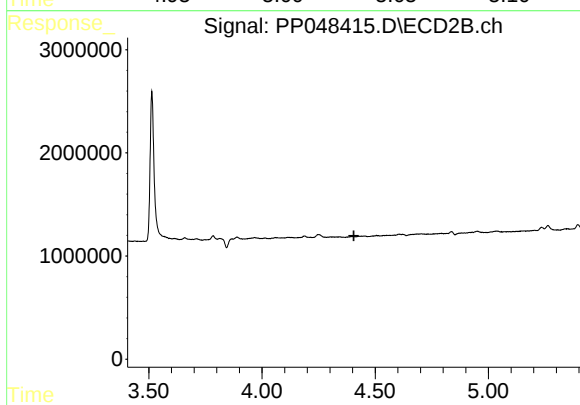
#11 AR-1232-1

R.T.: 3.612 min
Delta R.T.: -0.016 min
Response: 793588
Conc: 18.37 ng/ml



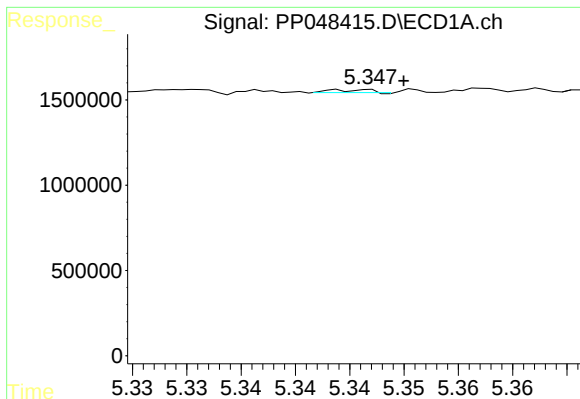
#12 AR-1232-2

R.T.: 5.042 min
Delta R.T.: 0.013 min
Response: 1394678
Conc: 58.09 ng/ml



#12 AR-1232-2

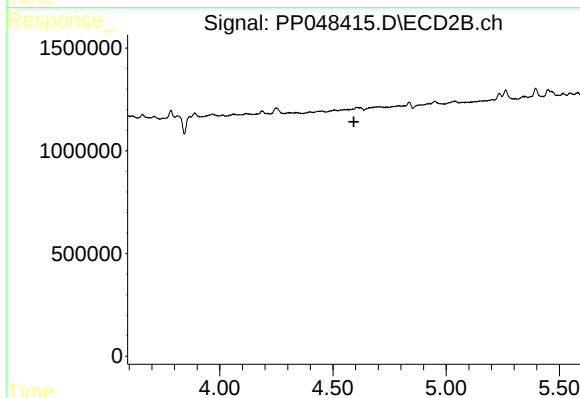
R.T.: 0.000 min
Exp R.T. : 4.406 min
Response: 0
Conc: N.D.



#13 AR-1232-3

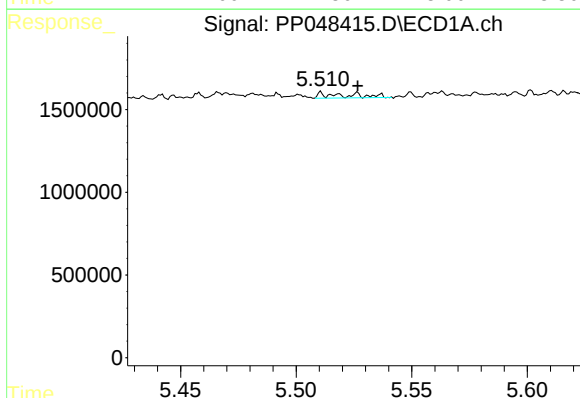
R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 42145
Conc: 0.85 ng/ml

Instrument :
ECD_R
ClientSampleId :



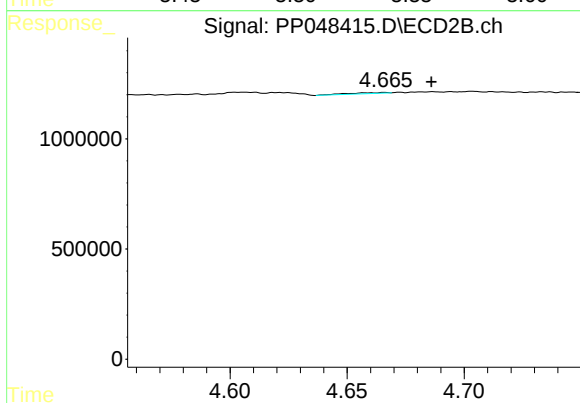
#13 AR-1232-3

R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



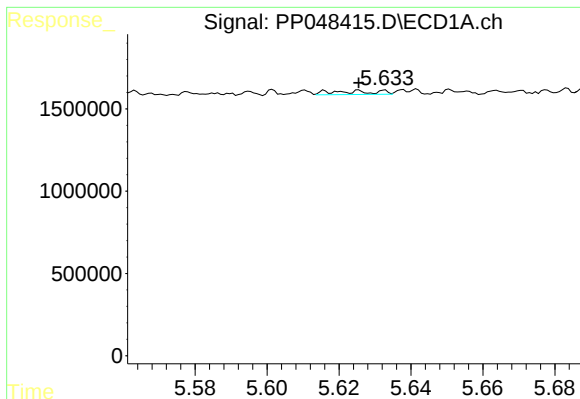
#14 AR-1232-4

R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 277361
Conc: 11.60 ng/ml



#14 AR-1232-4

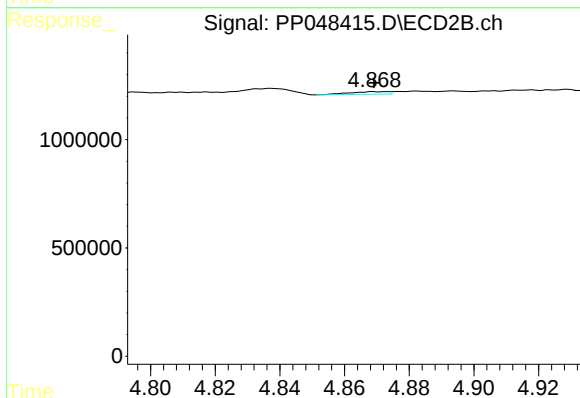
R.T.: 4.666 min
Delta R.T.: -0.020 min
Response: 51269
Conc: 2.95 ng/ml



#15 AR-1232-5

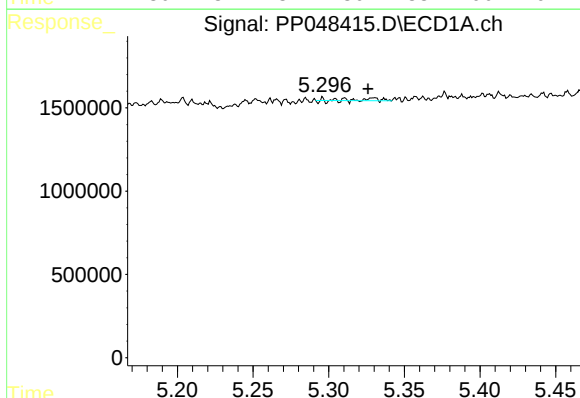
R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 197043
Conc: 12.06 ng/ml

Instrument :
ECD_R
ClientSampleId :



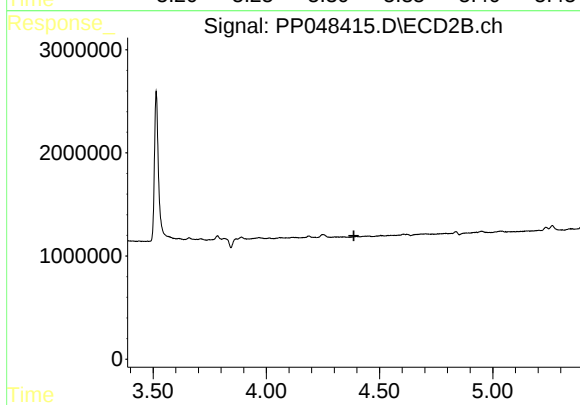
#15 AR-1232-5

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 103408
Conc: 5.28 ng/ml



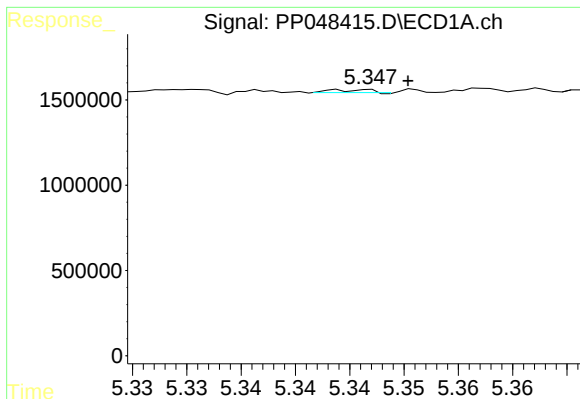
#16 AR-1242-1

R.T.: 5.330 min
Delta R.T.: 0.004 min
Response: 134013
Conc: 2.40 ng/ml



#16 AR-1242-1

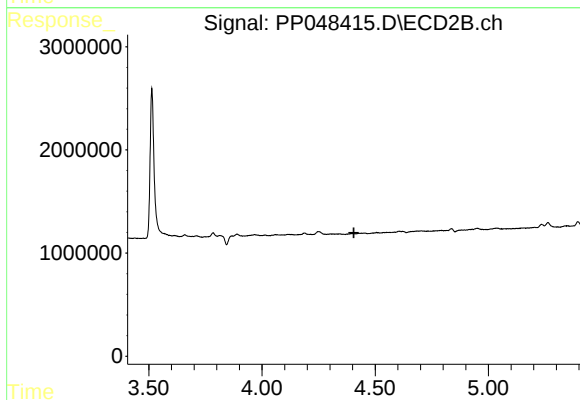
R.T.: 0.000 min
Exp R.T. : 4.386 min
Response: 0
Conc: N.D.



#17 AR-1242-2

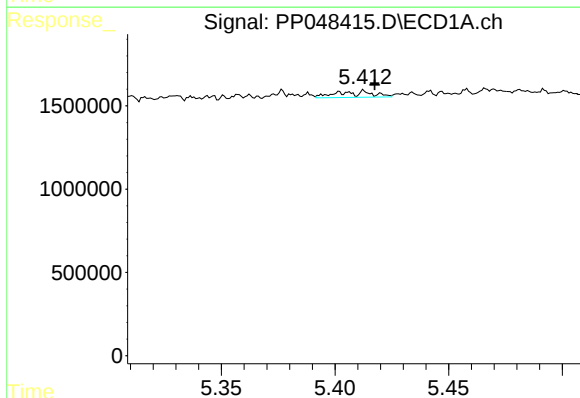
R.T.: 5.345 min
Delta R.T.: -0.005 min
Response: 42145
Conc: 0.51 ng/ml

Instrument :
ECD_R
ClientSampleId :



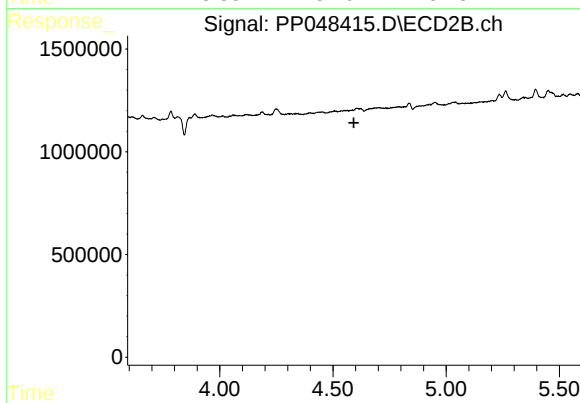
#17 AR-1242-2

R.T.: 0.000 min
Exp R.T. : 4.406 min
Response: 0
Conc: N.D.



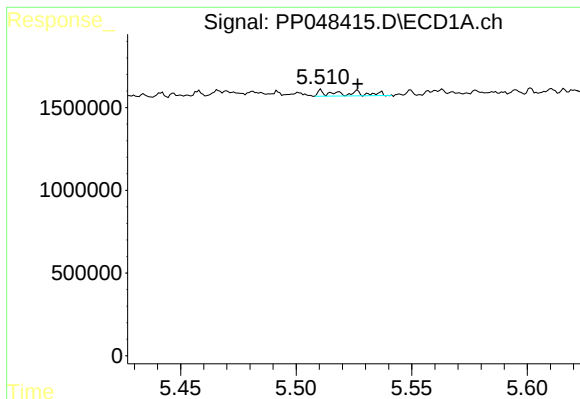
#18 AR-1242-3

R.T.: 5.413 min
Delta R.T.: -0.004 min
Response: 403484
Conc: 8.22 ng/ml



#18 AR-1242-3

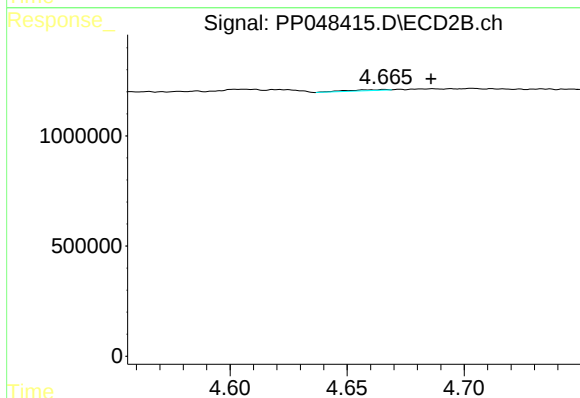
R.T.: 0.000 min
Exp R.T. : 4.593 min
Response: 0
Conc: N.D.



#19 AR-1242-4

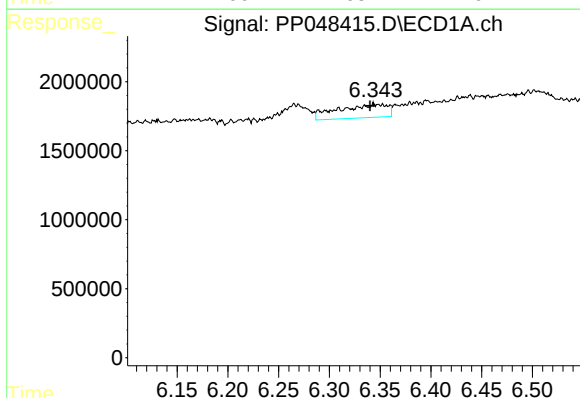
R.T.: 5.526 min
Delta R.T.: 0.000 min
Response: 277361
Conc: 7.01 ng/ml

Instrument :
ECD_R
ClientSampleId :



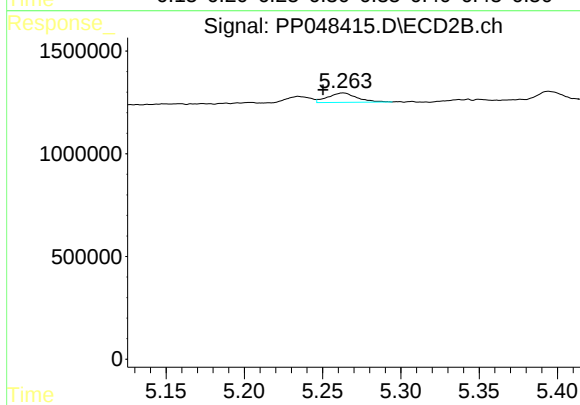
#19 AR-1242-4

R.T.: 4.666 min
Delta R.T.: -0.020 min
Response: 51269
Conc: 1.60 ng/ml



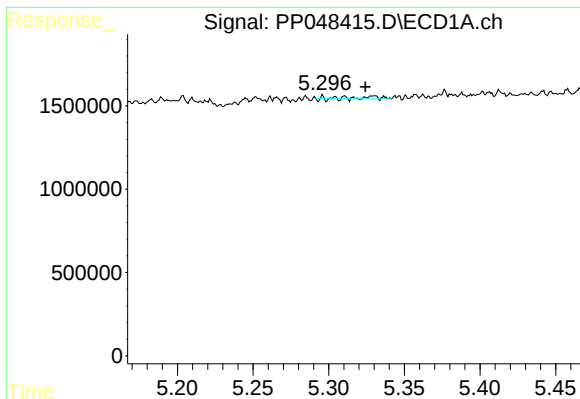
#20 AR-1242-5

R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 3285225
Conc: 77.14 ng/ml



#20 AR-1242-5

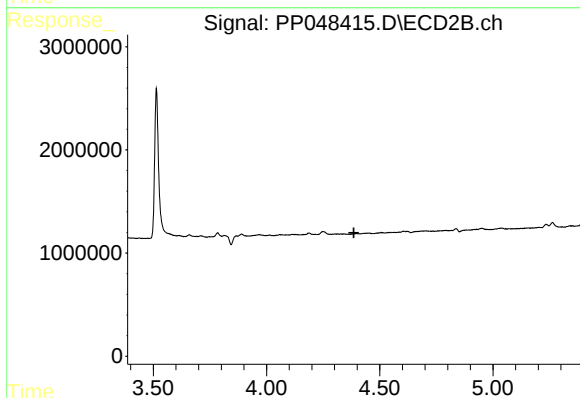
R.T.: 5.263 min
Delta R.T.: 0.013 min
Response: 591648
Conc: 14.17 ng/ml



#21 AR-1248-1

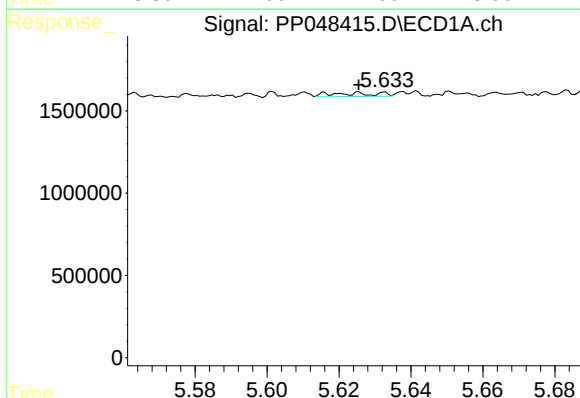
R.T.: 5.330 min
Delta R.T.: 0.005 min
Response: 134013
Conc: 3.11 ng/ml

Instrument :
ECD_R
ClientSampleId :



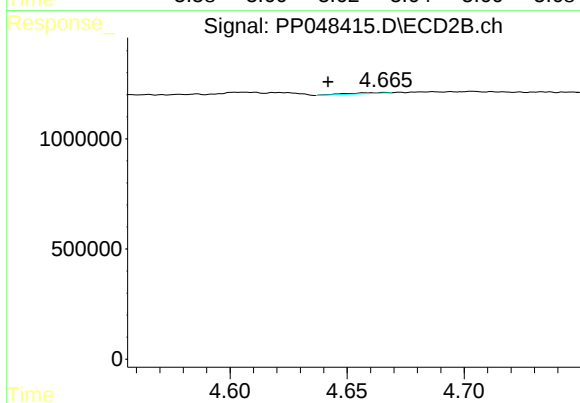
#21 AR-1248-1

R.T.: 0.000 min
Exp R.T. : 4.386 min
Response: 0
Conc: N.D.



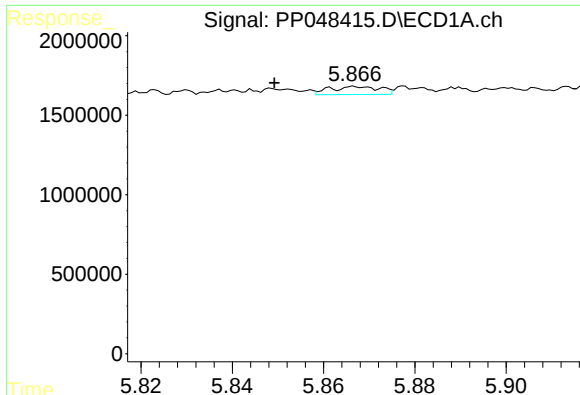
#22 AR-1248-2

R.T.: 5.625 min
Delta R.T.: 0.000 min
Response: 197043
Conc: 3.45 ng/ml



#22 AR-1248-2

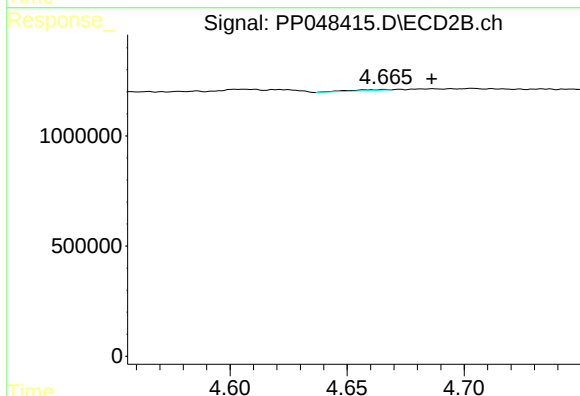
R.T.: 4.666 min
Delta R.T.: 0.024 min
Response: 51269
Conc: 1.08 ng/ml



#23 AR-1248-3

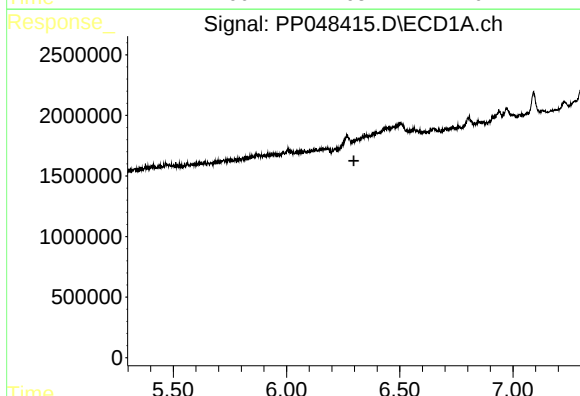
R.T.: 5.867 min
Delta R.T.: 0.018 min
Response: 381048
Conc: 5.63 ng/ml

Instrument :
ECD_R
ClientSampleId :



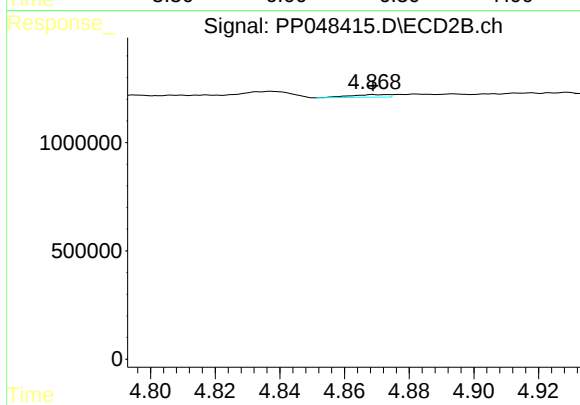
#23 AR-1248-3

R.T.: 4.666 min
Delta R.T.: -0.020 min
Response: 51269
Conc: 1.03 ng/ml



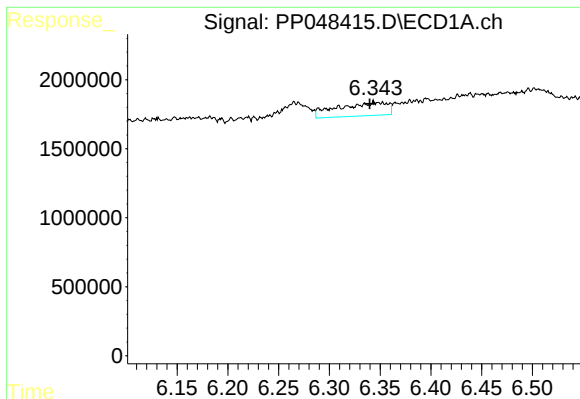
#24 AR-1248-4

R.T.: 0.000 min
Exp R.T. : 6.298 min
Response: 0
Conc: N.D.



#24 AR-1248-4

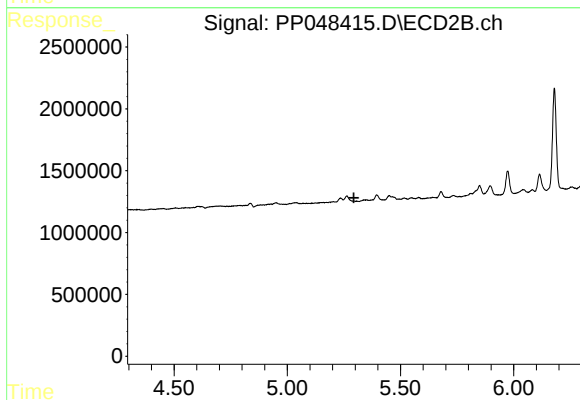
R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 103408
Conc: 1.77 ng/ml



#25 AR-1248-5

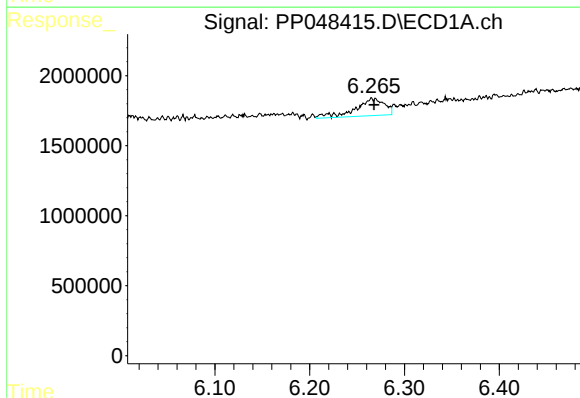
R.T.: 6.344 min
Delta R.T.: 0.004 min
Response: 3285225
Conc: 43.19 ng/ml

Instrument :
ECD_R
ClientSampleId :



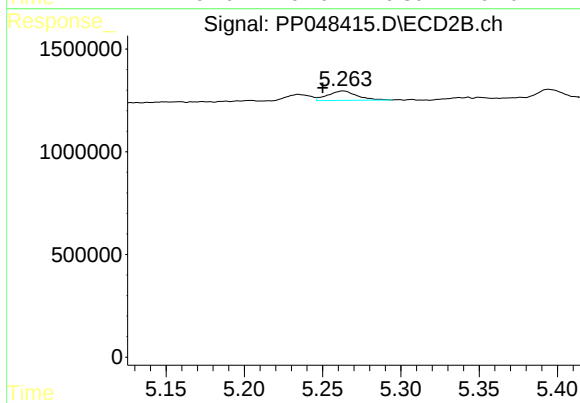
#25 AR-1248-5

R.T.: 0.000 min
Exp R.T. : 5.294 min
Response: 0
Conc: N.D.



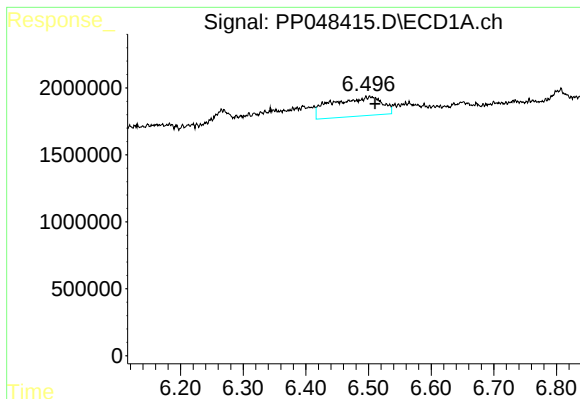
#26 AR-1254-1

R.T.: 6.265 min
Delta R.T.: -0.003 min
Response: 2610722
Conc: 35.96 ng/ml



#26 AR-1254-1

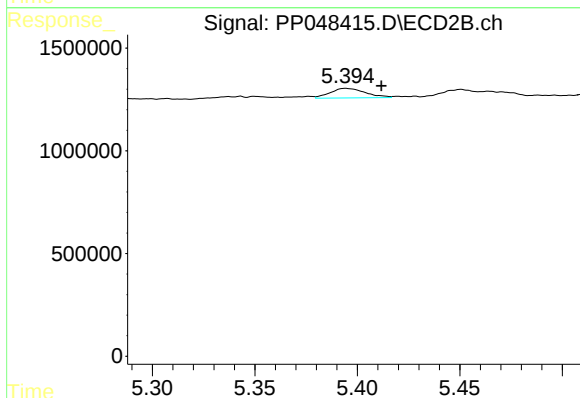
R.T.: 5.263 min
Delta R.T.: 0.013 min
Response: 591648
Conc: 6.75 ng/ml



#27 AR-1254-2

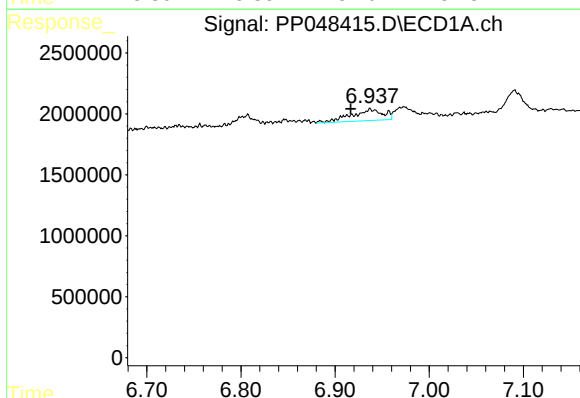
R.T.: 6.502 min
Delta R.T.: -0.008 min
Response: 7958564
Conc: 66.89 ng/ml

Instrument :
ECD_R
ClientSampleId :



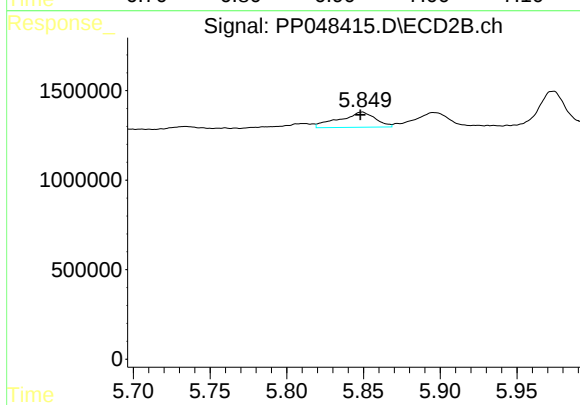
#27 AR-1254-2

R.T.: 5.394 min
Delta R.T.: -0.017 min
Response: 552078
Conc: 7.35 ng/ml



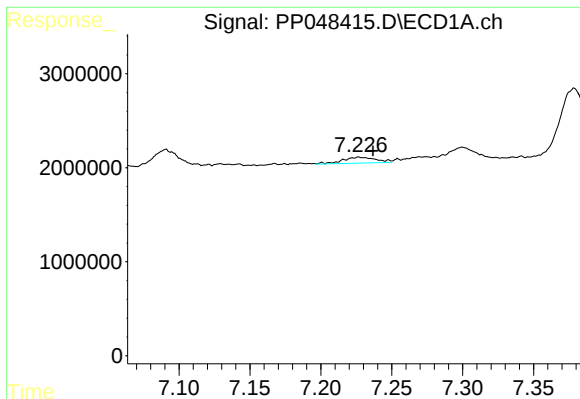
#28 AR-1254-3

R.T.: 6.937 min
Delta R.T.: 0.021 min
Response: 2176249
Conc: 18.32 ng/ml



#28 AR-1254-3

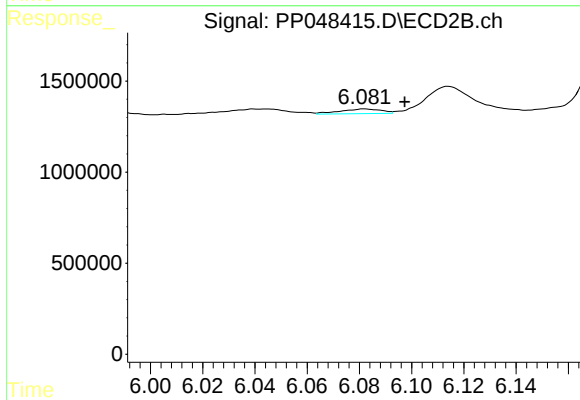
R.T.: 5.849 min
Delta R.T.: 0.001 min
Response: 1389368
Conc: 11.32 ng/ml



#29 AR-1254-4

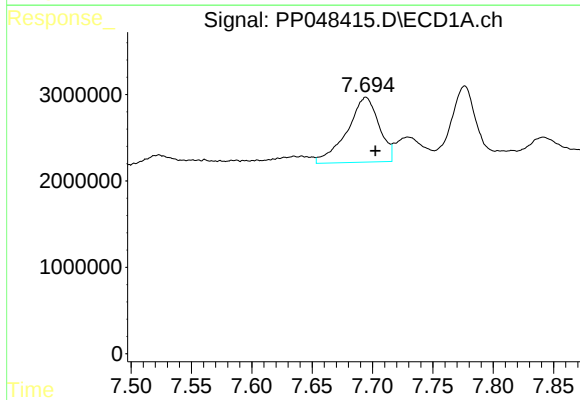
R.T.: 7.227 min
Delta R.T.: -0.010 min
Response: 1028251
Conc: 11.40 ng/ml

Instrument :
ECD_R
ClientSampleId :



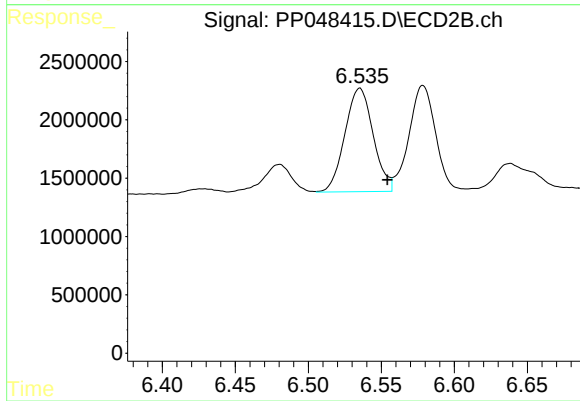
#29 AR-1254-4

R.T.: 6.082 min
Delta R.T.: -0.016 min
Response: 282991
Conc: 3.77 ng/ml



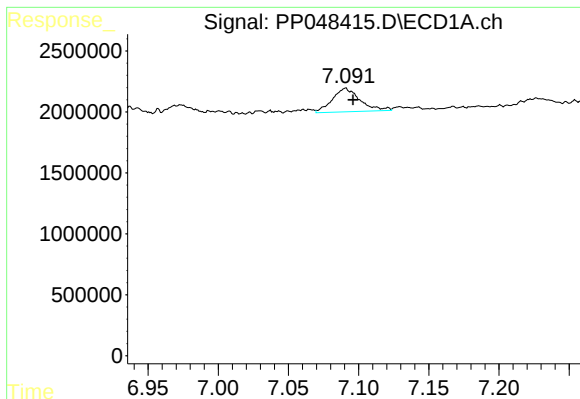
#30 AR-1254-5

R.T.: 7.695 min
Delta R.T.: -0.008 min
Response: 13864290
Conc: 149.62 ng/ml



#30 AR-1254-5

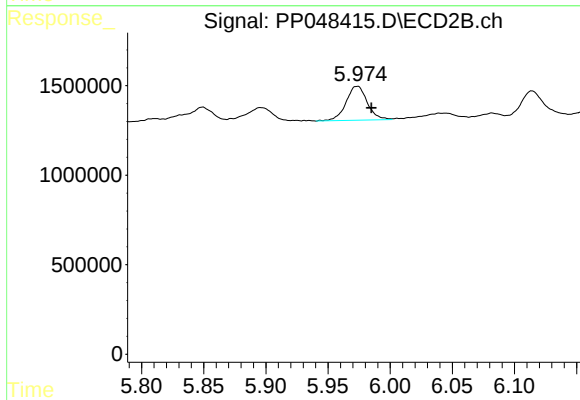
R.T.: 6.535 min
Delta R.T.: -0.019 min
Response: 11980536
Conc: 118.34 ng/ml



#31 AR-1260-1

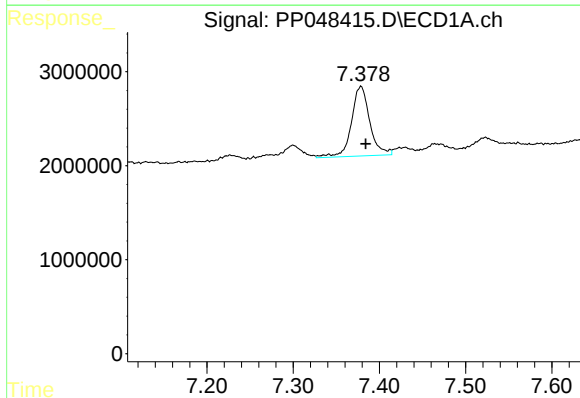
R.T.: 7.091 min
Delta R.T.: -0.006 min
Response: 2665475
Conc: 28.56 ng/ml

Instrument :
ECD_R
ClientSampleId :



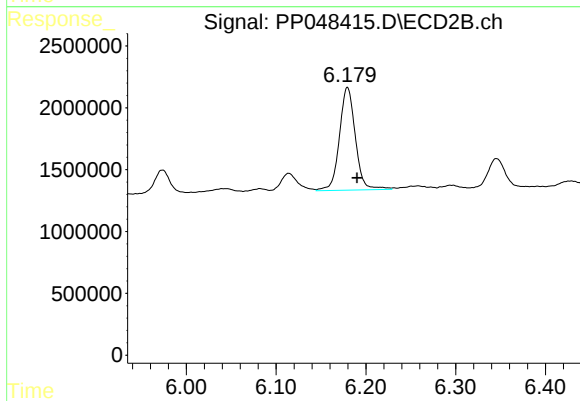
#31 AR-1260-1

R.T.: 5.974 min
Delta R.T.: -0.011 min
Response: 2267926
Conc: 26.49 ng/ml



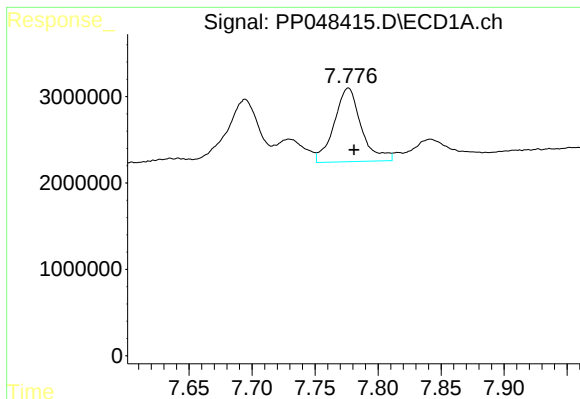
#32 AR-1260-2

R.T.: 7.379 min
Delta R.T.: -0.006 min
Response: 10946355
Conc: 97.92 ng/ml



#32 AR-1260-2

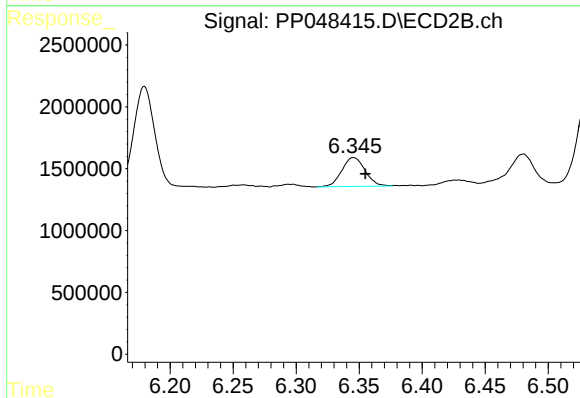
R.T.: 6.180 min
Delta R.T.: -0.010 min
Response: 10265314
Conc: 99.59 ng/ml



#33 AR-1260-3

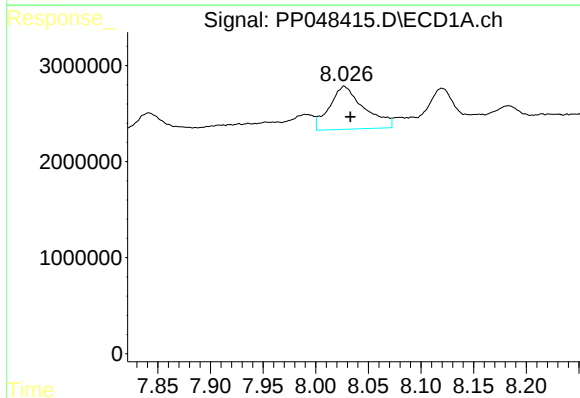
R.T.: 7.776 min
Delta R.T.: -0.005 min
Response: 12755834
Conc: 148.92 ng/ml

Instrument :
ECD_R
ClientSampleId :



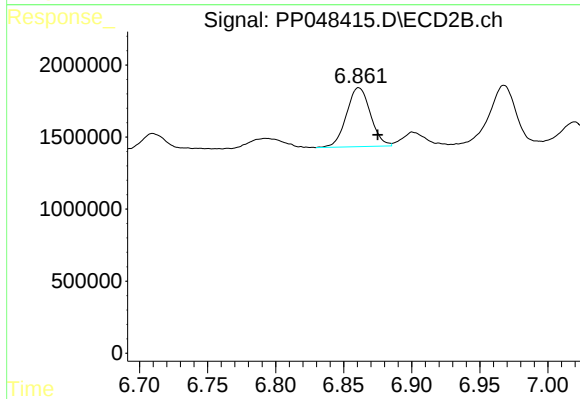
#33 AR-1260-3

R.T.: 6.345 min
Delta R.T.: -0.010 min
Response: 2992397
Conc: 30.22 ng/ml



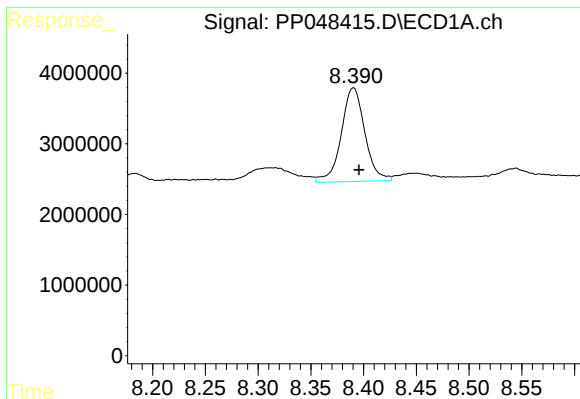
#34 AR-1260-4

R.T.: 8.027 min
Delta R.T.: -0.006 min
Response: 10240915
Conc: 98.70 ng/ml



#34 AR-1260-4

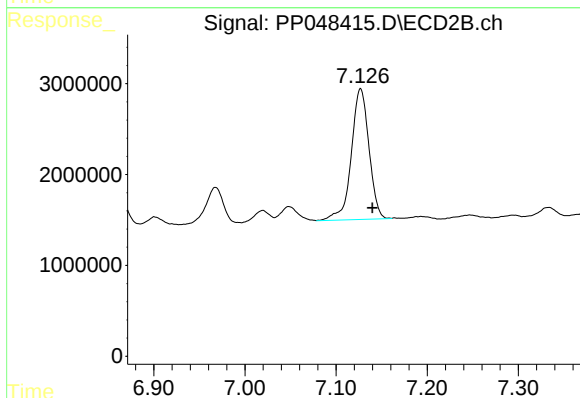
R.T.: 6.861 min
Delta R.T.: -0.014 min
Response: 5011707
Conc: 60.20 ng/ml



#35 AR-1260-5

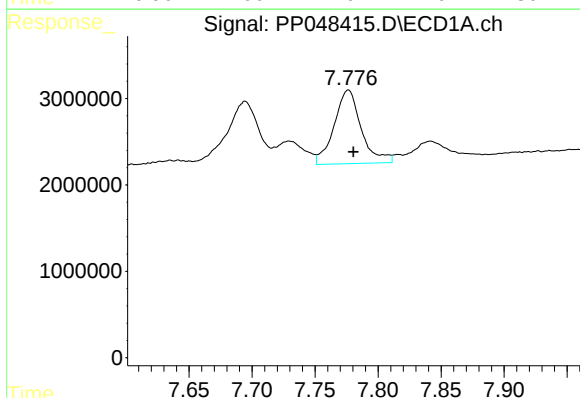
R.T.: 8.390 min
Delta R.T.: -0.005 min
Response: 20659822
Conc: 100.12 ng/ml

Instrument :
ECD_R
ClientSampleId :



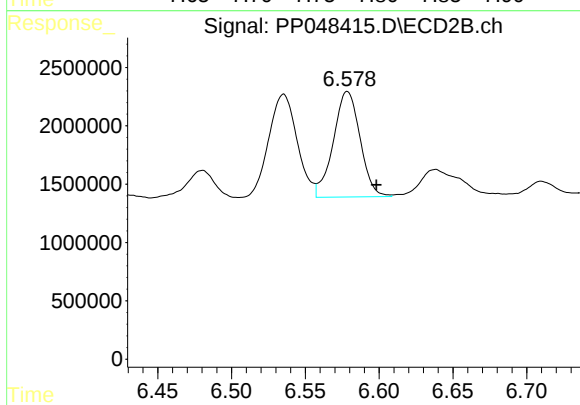
#35 AR-1260-5

R.T.: 7.127 min
Delta R.T.: -0.013 min
Response: 19405249
Conc: 97.80 ng/ml



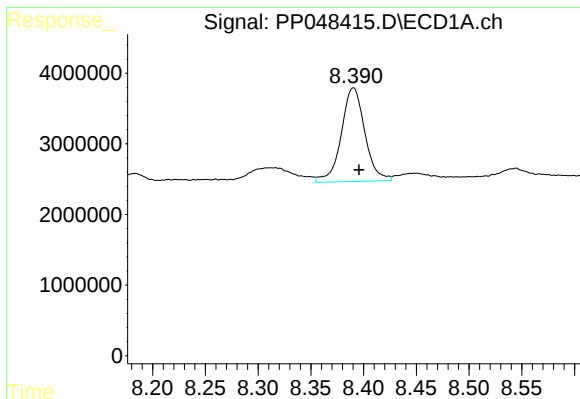
#36 AR-1262-1

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 12755834
Conc: 111.84 ng/ml



#36 AR-1262-1

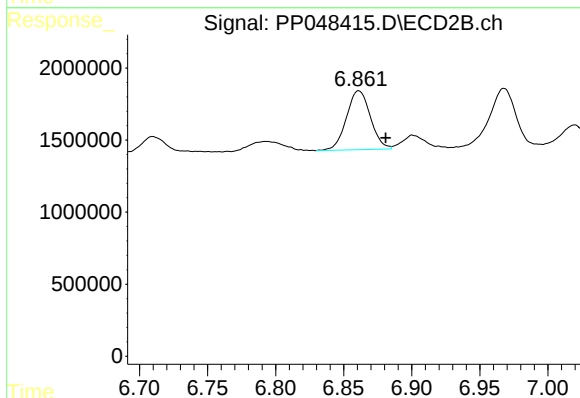
R.T.: 6.579 min
Delta R.T.: -0.020 min
Response: 11420233
Conc: 105.70 ng/ml



#37 AR-1262-2

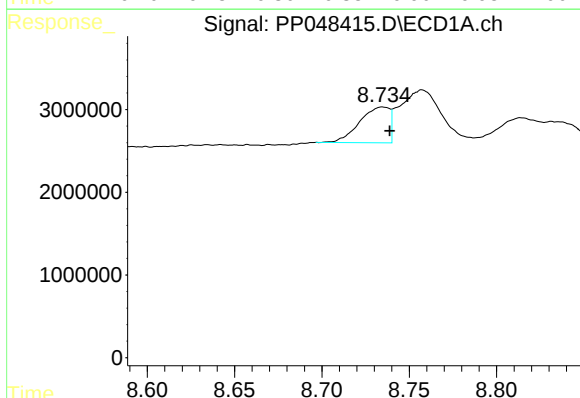
R.T.: 8.390 min
Delta R.T.: -0.005 min
Response: 20659822
Conc: 96.93 ng/ml

Instrument :
ECD_R
ClientSampleId :



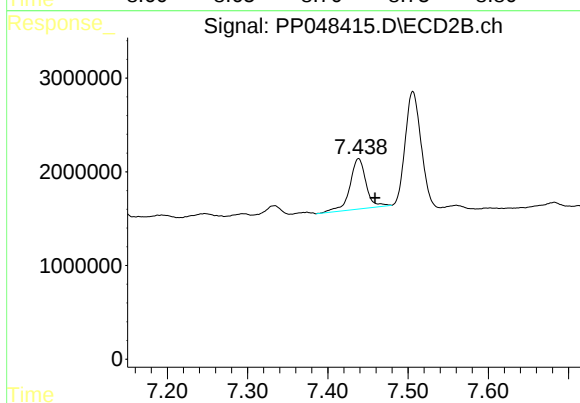
#37 AR-1262-2

R.T.: 6.861 min
Delta R.T.: -0.020 min
Response: 5011707
Conc: 50.64 ng/ml



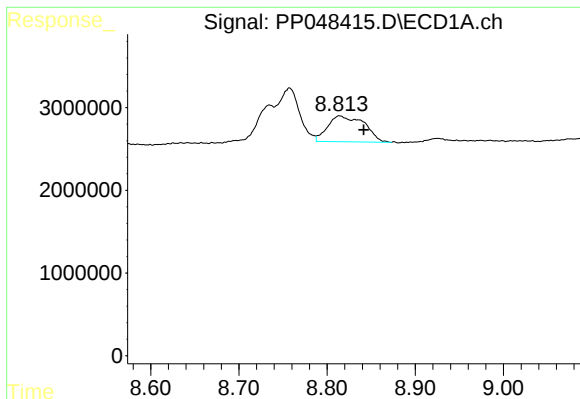
#38 AR-1262-3

R.T.: 8.735 min
Delta R.T.: -0.004 min
Response: 5138363
Conc: 55.14 ng/ml



#38 AR-1262-3

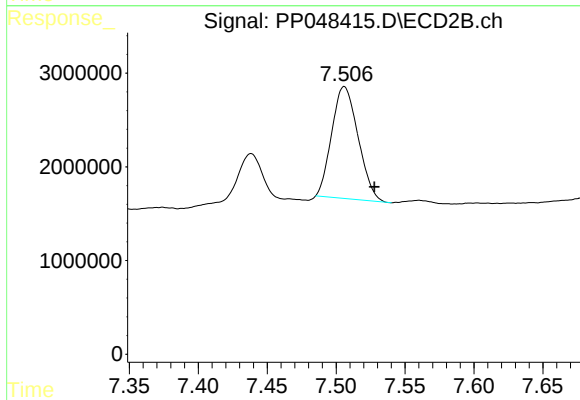
R.T.: 7.438 min
Delta R.T.: -0.021 min
Response: 7492352
Conc: 99.56 ng/ml



#39 AR-1262-4

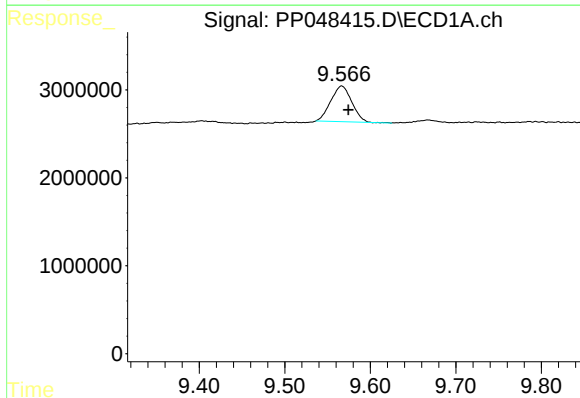
R.T.: 8.814 min
Delta R.T.: -0.027 min
Response: 9065868
Conc: 152.47 ng/ml

Instrument :
ECD_R
ClientSampleId :



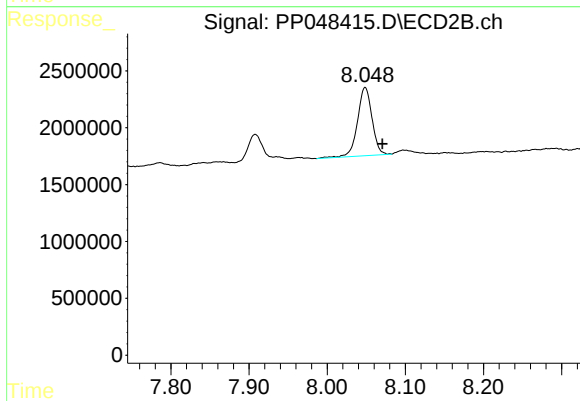
#39 AR-1262-4

R.T.: 7.506 min
Delta R.T.: -0.022 min
Response: 15925567
Conc: 109.34 ng/ml



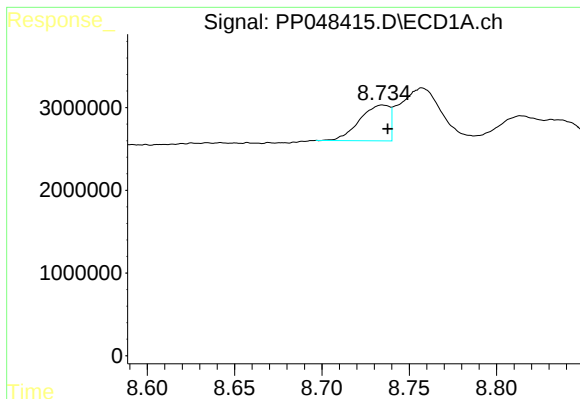
#40 AR-1262-5

R.T.: 9.567 min
Delta R.T.: -0.008 min
Response: 6892801
Conc: 87.09 ng/ml



#40 AR-1262-5

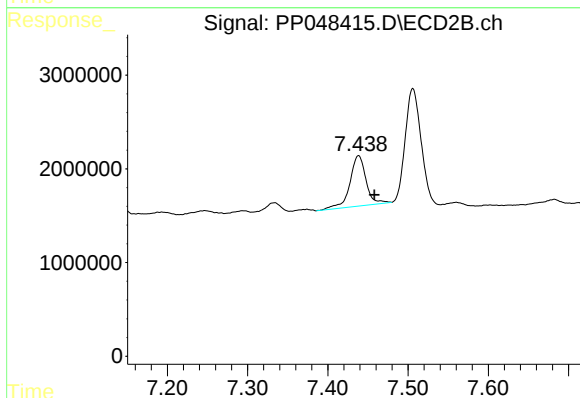
R.T.: 8.049 min
Delta R.T.: -0.022 min
Response: 7758480
Conc: 114.95 ng/ml



#41 AR-1268-1

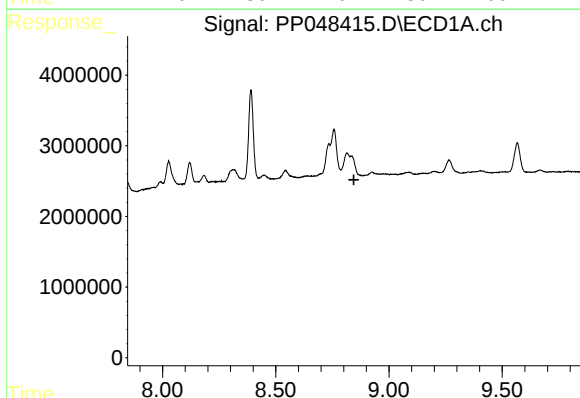
R.T.: 8.735 min
Delta R.T.: -0.003 min
Response: 5138363
Conc: 19.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



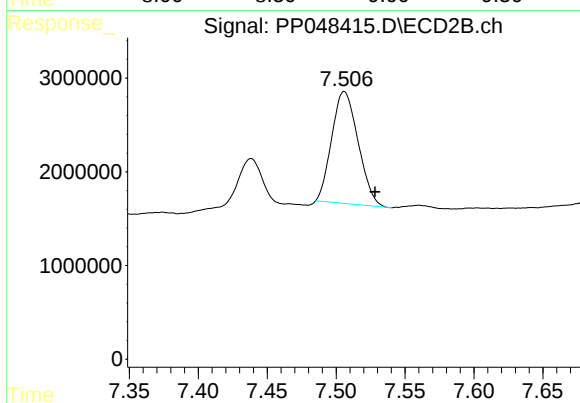
#41 AR-1268-1

R.T.: 7.438 min
Delta R.T.: -0.020 min
Response: 7492352
Conc: 32.08 ng/ml



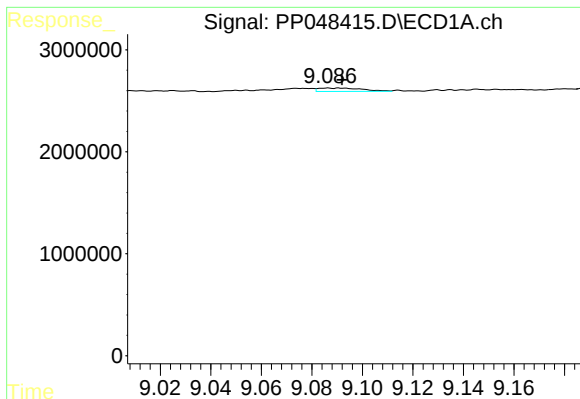
#42 AR-1268-2

R.T.: 0.000 min
Exp R.T. : 8.845 min
Response: 0
Conc: N.D.



#42 AR-1268-2

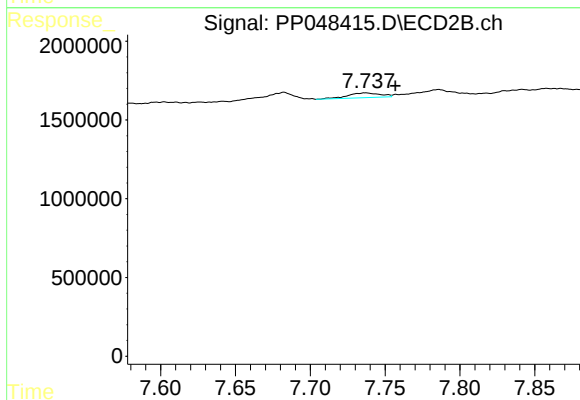
R.T.: 7.506 min
Delta R.T.: -0.022 min
Response: 15925567
Conc: 73.61 ng/ml



#43 AR-1268-3

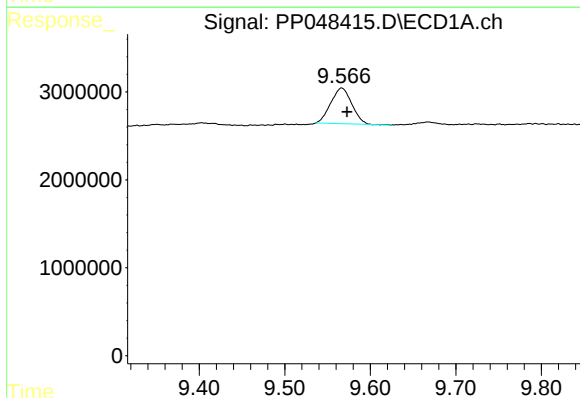
R.T.: 9.086 min
Delta R.T.: -0.006 min
Response: 399543
Conc: 1.94 ng/ml

Instrument :
ECD_R
ClientSampleId :



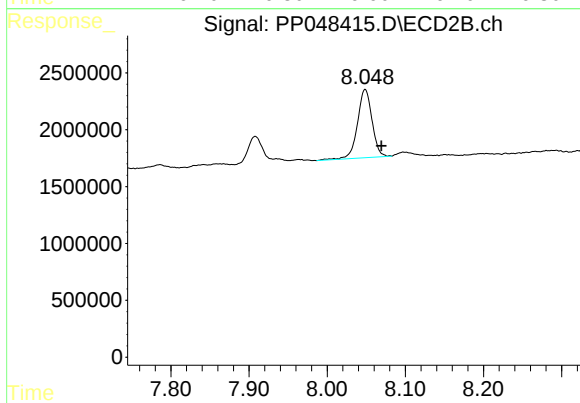
#43 AR-1268-3

R.T.: 7.737 min
Delta R.T.: -0.020 min
Response: 463860
Conc: 2.50 ng/ml



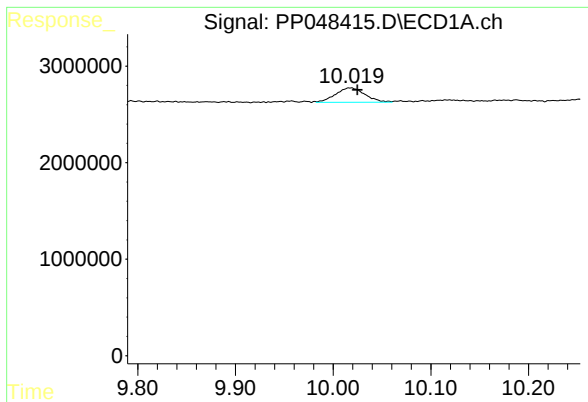
#44 AR-1268-4

R.T.: 9.567 min
Delta R.T.: -0.006 min
Response: 6892801
Conc: 76.73 ng/ml



#44 AR-1268-4

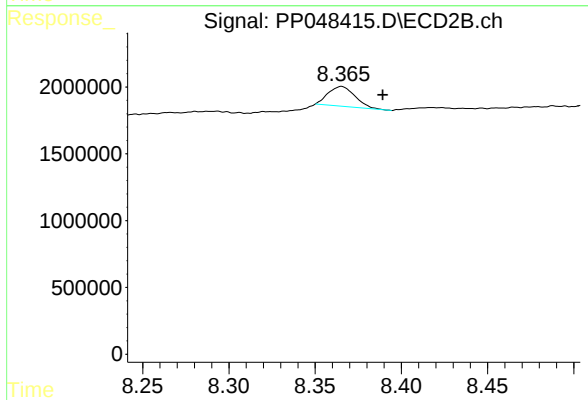
R.T.: 8.049 min
Delta R.T.: -0.021 min
Response: 7758480
Conc: 94.44 ng/ml



#45 AR-1268-5

R.T.: 10.018 min
Delta R.T.: -0.007 min
Response: 3122004
Conc: 4.42 ng/ml

Instrument :
ECD_R
ClientSampleId :



#45 AR-1268-5

R.T.: 8.365 min
Delta R.T.: -0.024 min
Response: 1605875
Conc: 2.65 ng/ml