Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033121\
Data File : PL065767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 05:50
Operator : AR\AJ
Sample : M1817-02RE
Misc :
ALS Vial : 61 Sample Multiplier: 1

Instrument : ECD_L
ClientSampleId : PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 06:32:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL033121.M
Quant Title : GC Extractables
QLast Update : Wed Mar 31 15:57:28 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
	System Monitoring Compounds						
1) SA	Tetrachlo...	3.278	3.781	47107876	41585433	18.084	15.150
28) SA	Decachlor...	7.913	8.730	1027.9E6	1051.2E6	443.825	466.269
	Target Compounds						
2) A	alpha-BHC	3.690	4.187f	5149024	58041791	1.259	14.285 #
4) MA	Heptachlor	4.272	4.902f	78790050	12685133	21.872	3.594 #
5) MB	Aldrin	4.504	0.000	24608874	0	7.208	N.D. #
6) B	beta-BHC	0.000	4.625	0	16979606	N.D.	9.748 #
7) B	delta-BHC	4.425	4.848	11176760	58558715	3.107	19.634 #
8) B	Heptachlo...	4.949f	5.610	83300382	119.9E6	26.491	38.625 #
9) A	Endosulfan I	5.266	5.938f	61424164	32829920	21.316	11.958 #
10) B	gamma-Chl...	5.173f	5.866f	200.1E6	-40889844	63.600	N.D. #
11) B	alpha-Chl...	5.217	5.938f	196.0E6	32829920	62.986	11.095 #
12) B	4,4'-DDE	5.358	6.085	48383437	130.7E6	17.536	50.009 #
13) MA	Dieldrin	5.512f	6.215	355.6E6	564.2E6	121.727	200.199 #
14) MA	Endrin	5.747	6.432	299.7E6	79549816	110.988	31.938 #
15) B	Endosulfa...	6.007	6.630f	306.3E6	1364.0E6	123.319	577.131 #
16) A	4,4'-DDD	5.877	6.567	18368893	1274.7E6	8.095	604.793 #
18) B	Endrin al...	6.196f	6.770	2240.2E6	2263069	1183.936	1.193 #
19) B	Endosulfa...	6.386	7.017f	5137.5E6	4200008	1991.085	1.731 #
20) A	Methoxychlor	6.682f	7.352f	3530798	657.8E6	2.813	519.355 #
22)	Mirex	0.000	7.877f	0	3175653	N.D.	1.627 #
23)	Chlordane-1	4.110	4.743	57738639	20758282	639.923	187.945 #
24)	Chlordane-2	4.613	5.181f	6017437	37186696	52.356	324.950 #
25)	Chlordane-3	5.173f	5.866f	200.1E6	-40889844	643.945	N.D. #
26)	Chlordane-4	5.217	5.938f	196.0E6	32829920	686.413	64.896 #
27)	Chlordane-5	6.007	6.704	306.3E6	342.7E6	2994.326	4110.728 #

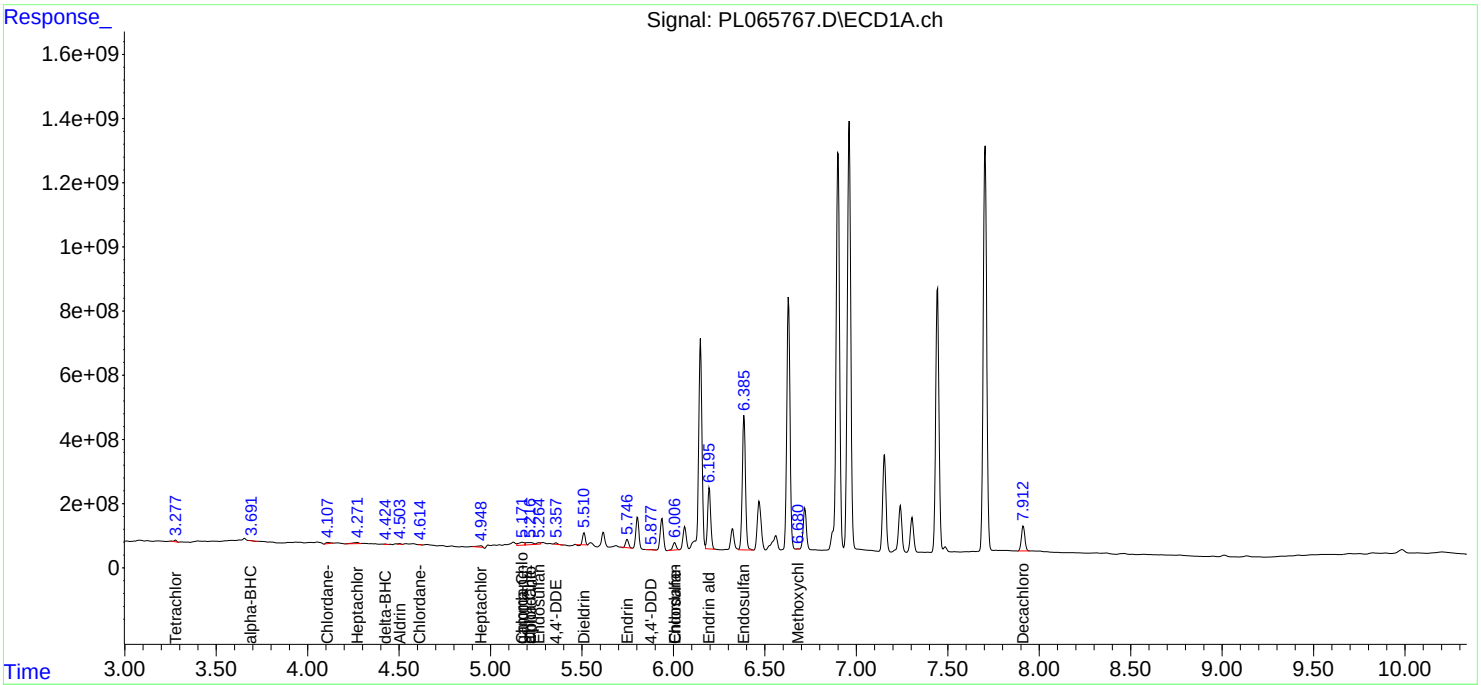
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

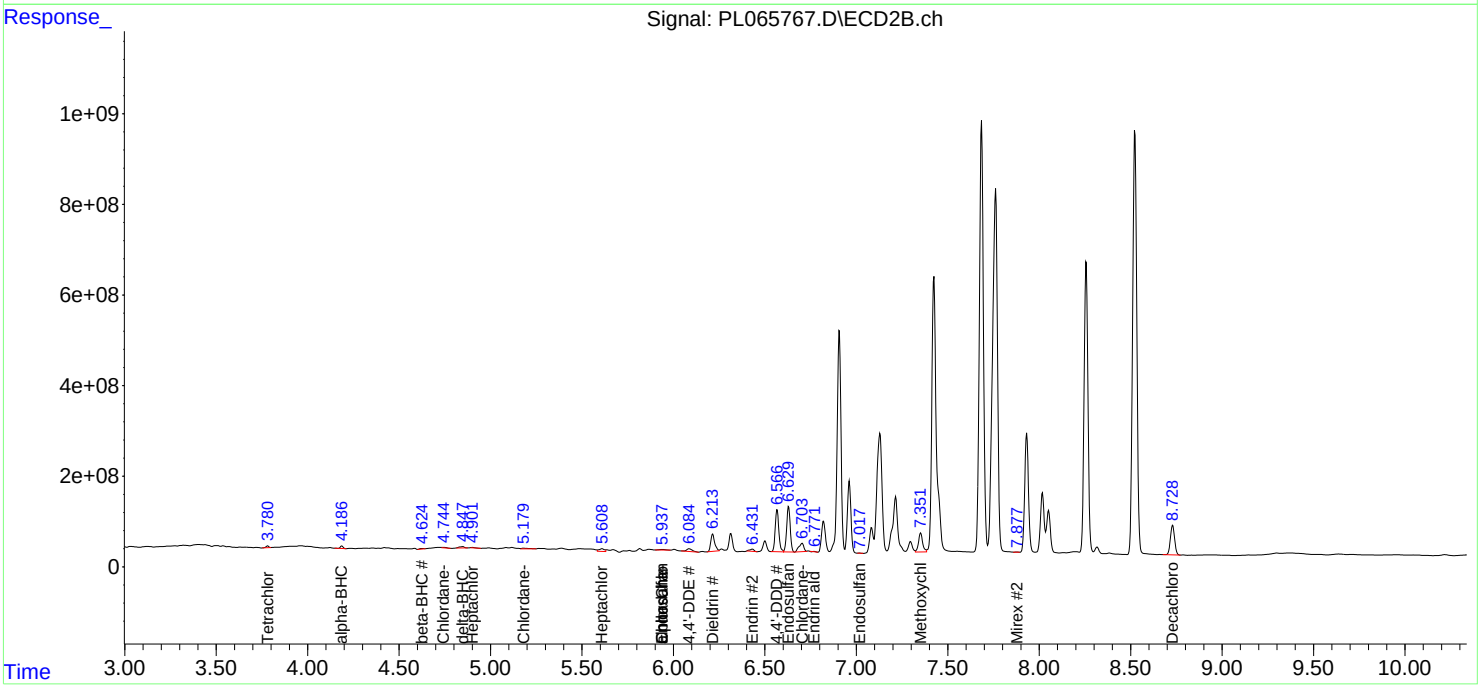
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033121\
Data File : PL065767.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2021 05:50
Operator : AR\AJ
Sample : M1817-02RE
Misc :
ALS Vial : 61 Sample Multiplier: 1

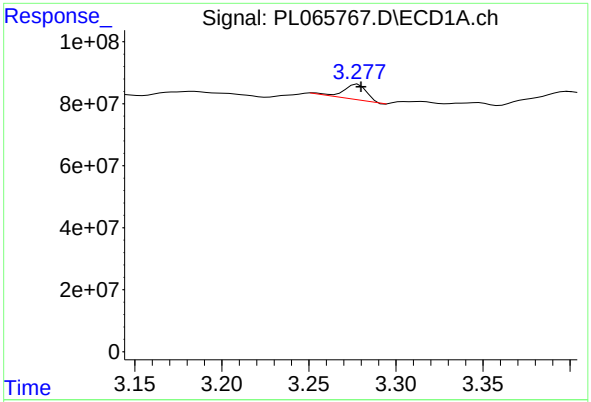
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 06:32:36 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL033121.M
Quant Title : GC Extractables
QLast Update : Wed Mar 31 15:57:28 2021
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm



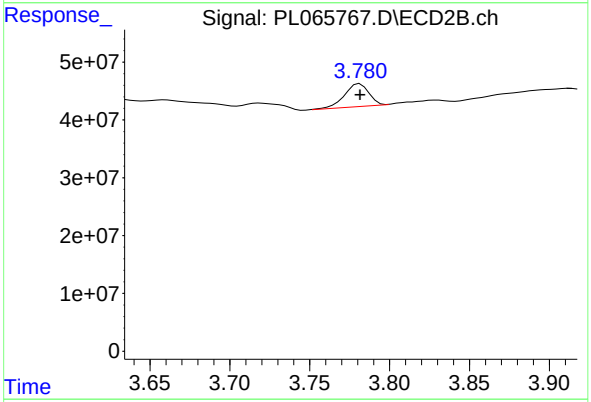




#1 Tetrachloro-m-xylene

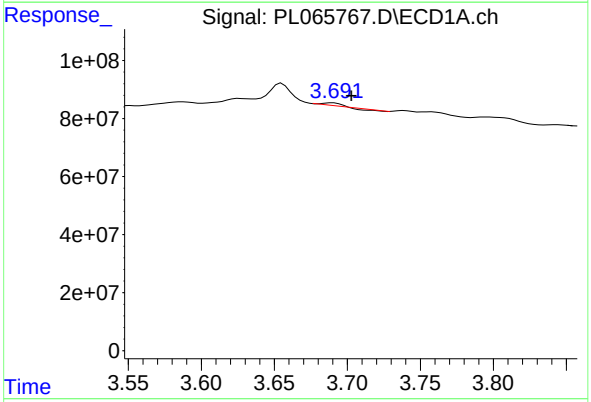
R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 47107876
Conc: 18.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



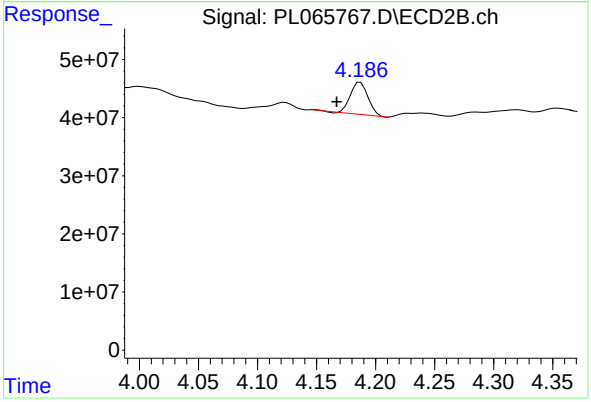
#1 Tetrachloro-m-xylene

R.T.: 3.781 min
Delta R.T.: 0.000 min
Response: 41585433
Conc: 15.15 ng/ml



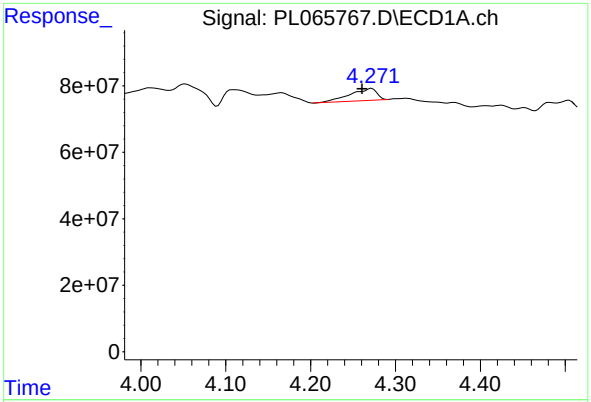
#2 alpha-BHC

R.T.: 3.690 min
Delta R.T.: -0.013 min
Response: 5149024
Conc: 1.26 ng/ml



#2 alpha-BHC

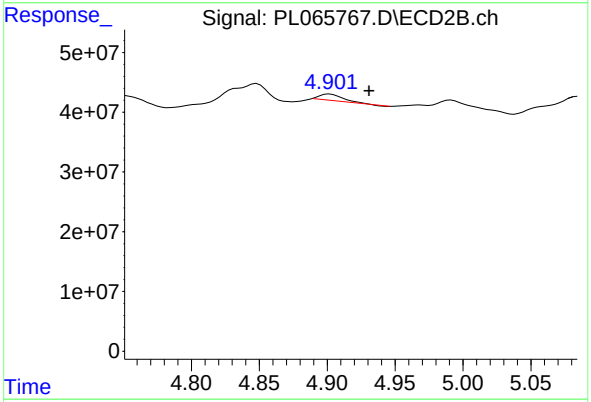
R.T.: 4.187 min
Delta R.T.: 0.020 min
Response: 58041791
Conc: 14.29 ng/ml



#4 Heptachlor

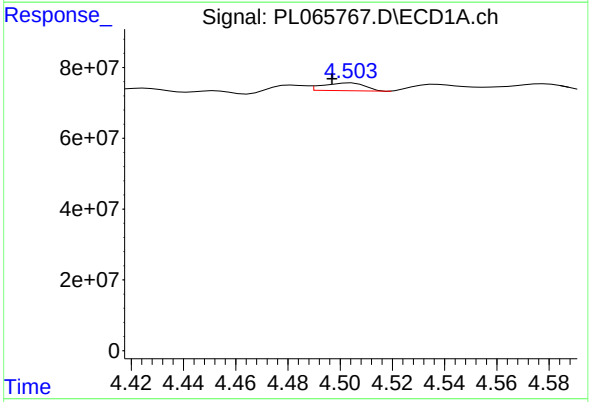
R.T.: 4.272 min
Delta R.T.: 0.012 min
Response: 78790050
Conc: 21.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



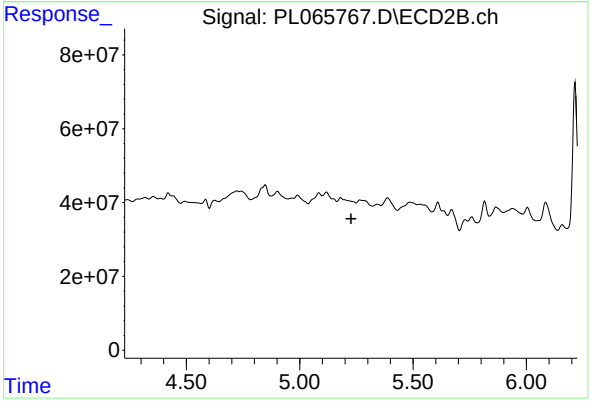
#4 Heptachlor

R.T.: 4.902 min
Delta R.T.: -0.029 min
Response: 12685133
Conc: 3.59 ng/ml



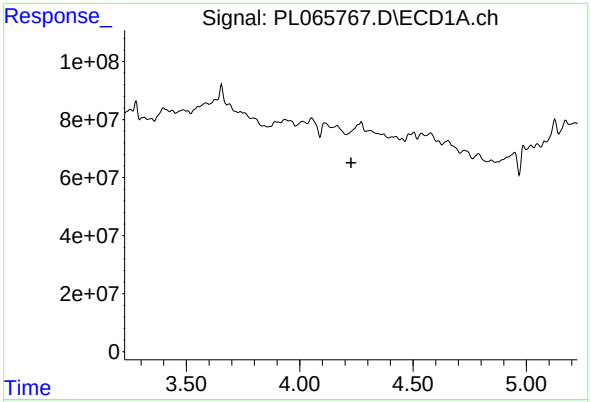
#5 Aldrin

R.T.: 4.504 min
Delta R.T.: 0.007 min
Response: 24608874
Conc: 7.21 ng/ml



#5 Aldrin

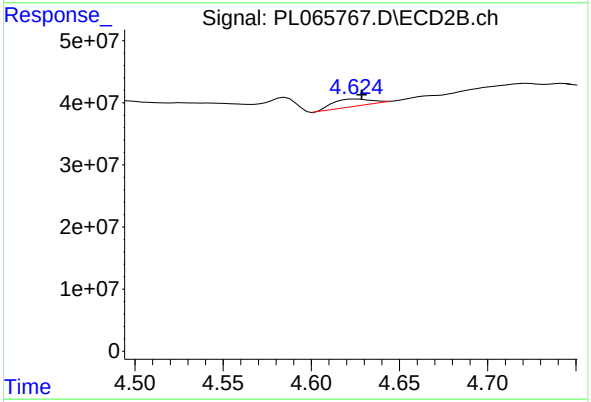
R.T.: 0.000 min
Exp R.T. : 5.227 min
Response: 0
Conc: N.D.



#6 beta-BHC

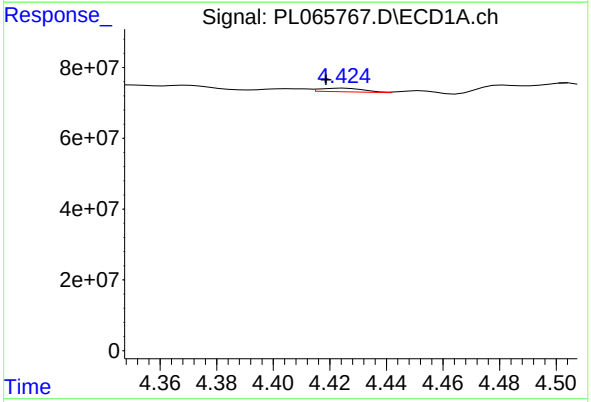
R.T.: 0.000 min
Exp R.T. : 4.226 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



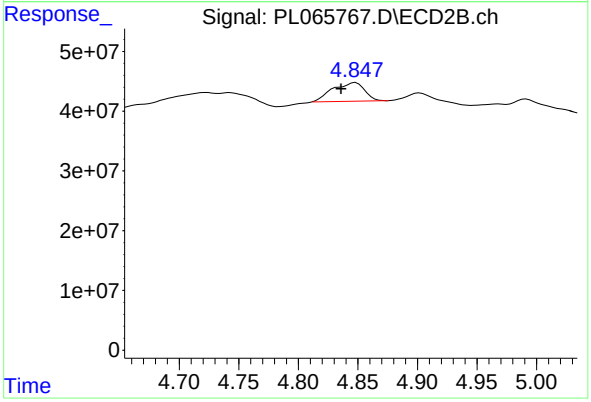
#6 beta-BHC

R.T.: 4.625 min
Delta R.T.: -0.003 min
Response: 16979606
Conc: 9.75 ng/ml



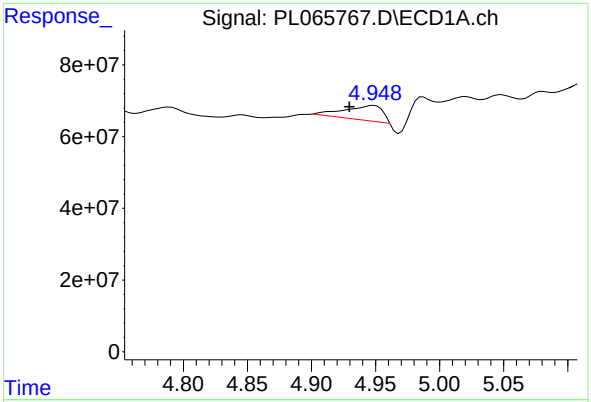
#7 delta-BHC

R.T.: 4.425 min
Delta R.T.: 0.006 min
Response: 11176760
Conc: 3.11 ng/ml



#7 delta-BHC

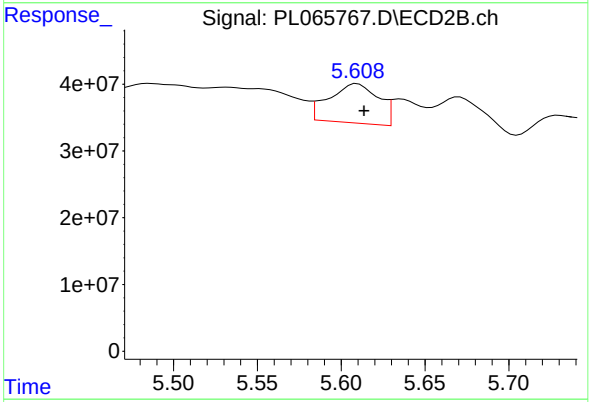
R.T.: 4.848 min
Delta R.T.: 0.012 min
Response: 58558715
Conc: 19.63 ng/ml



#8 Heptachlor epoxide

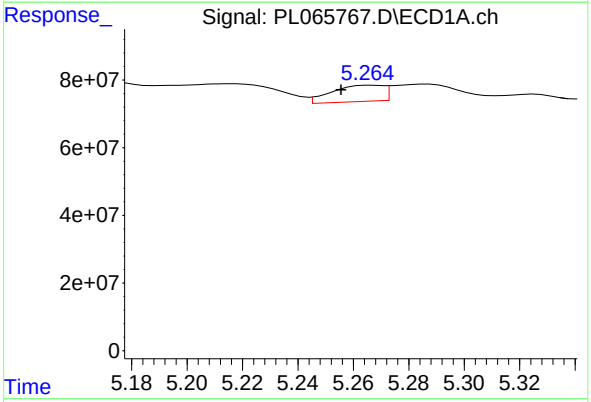
R.T.: 4.949 min
Delta R.T.: 0.019 min
Response: 83300382
Conc: 26.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



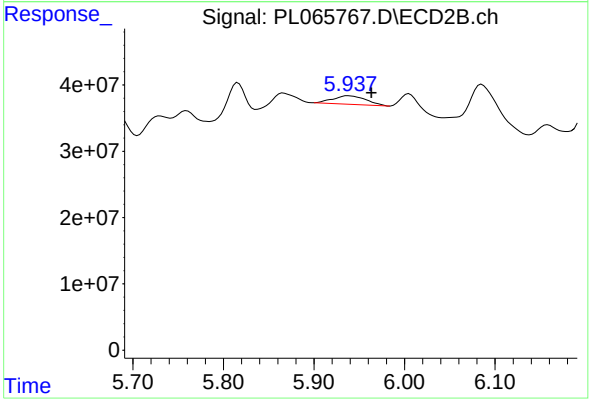
#8 Heptachlor epoxide

R.T.: 5.610 min
Delta R.T.: -0.004 min
Response: 119946262
Conc: 38.63 ng/ml



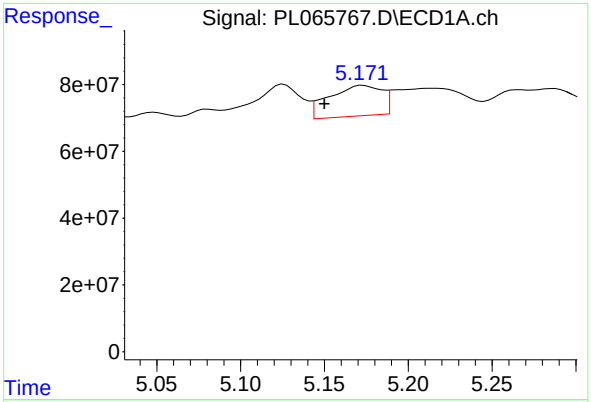
#9 Endosulfan I

R.T.: 5.266 min
Delta R.T.: 0.011 min
Response: 61424164
Conc: 21.32 ng/ml



#9 Endosulfan I

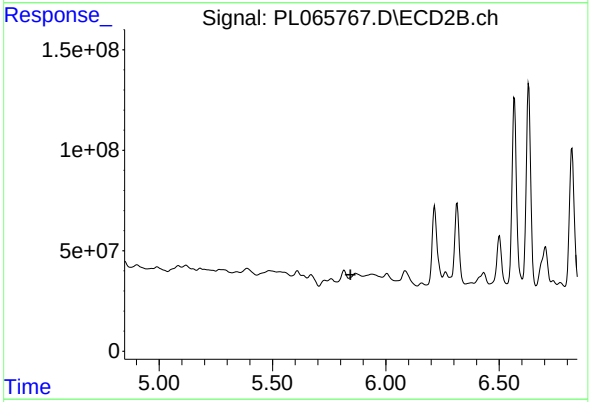
R.T.: 5.938 min
Delta R.T.: -0.025 min
Response: 32829920
Conc: 11.96 ng/ml



#10 gamma-Chlordane

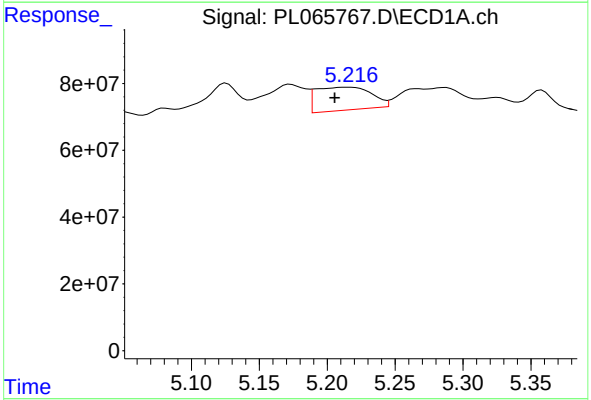
R.T.: 5.173 min
Delta R.T.: 0.023 min
Response: 200144417
Conc: 63.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



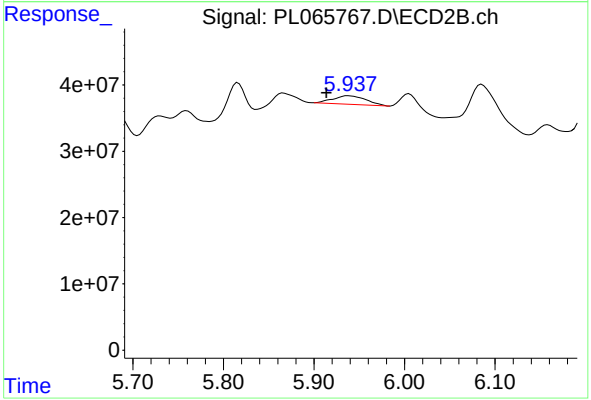
#10 gamma-Chlordane

R.T.: 5.866 min
Delta R.T.: 0.022 min
Response: -40889844
Conc: N.D.



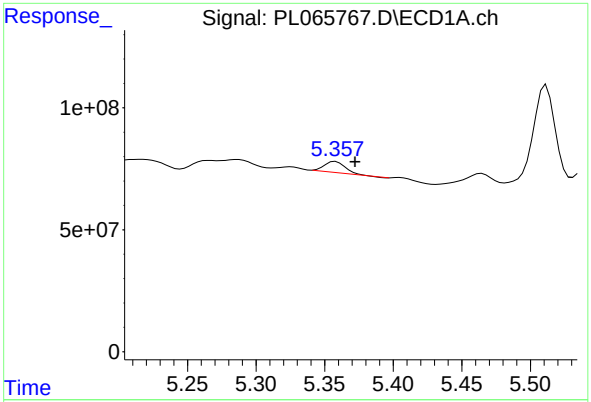
#11 alpha-Chlordane

R.T.: 5.217 min
Delta R.T.: 0.011 min
Response: 195980184
Conc: 62.99 ng/ml



#11 alpha-Chlordane

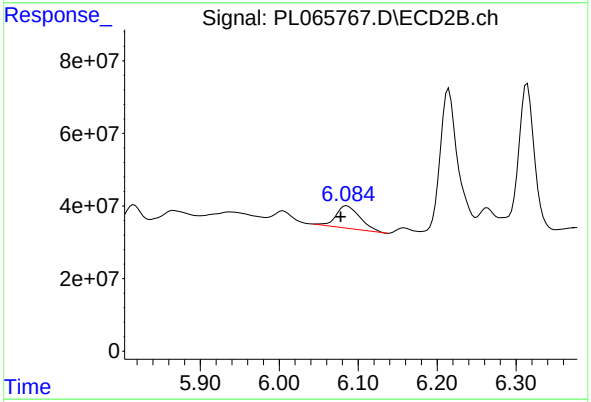
R.T.: 5.938 min
Delta R.T.: 0.024 min
Response: 32829920
Conc: 11.09 ng/ml



#12 4,4'-DDE

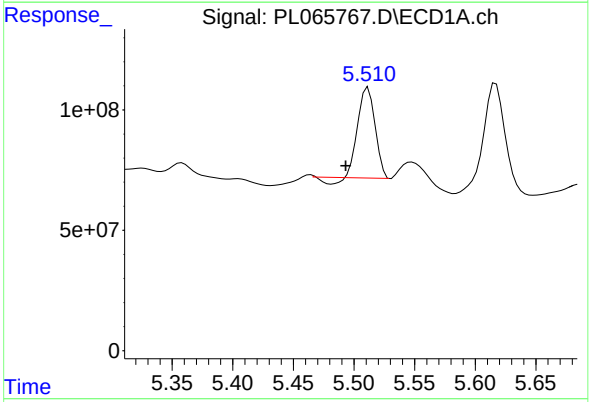
R.T.: 5.358 min
Delta R.T.: -0.014 min
Response: 48383437
Conc: 17.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



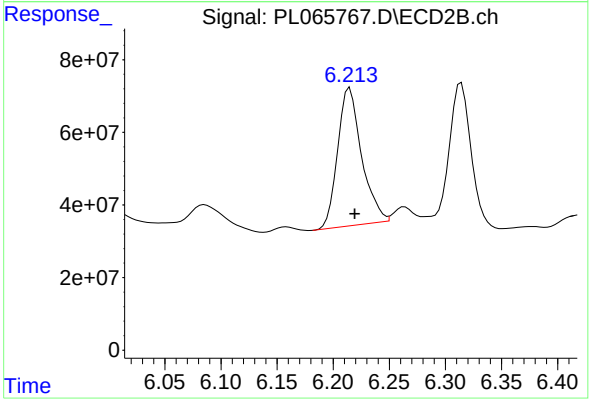
#12 4,4'-DDE

R.T.: 6.085 min
Delta R.T.: 0.007 min
Response: 130651125
Conc: 50.01 ng/ml



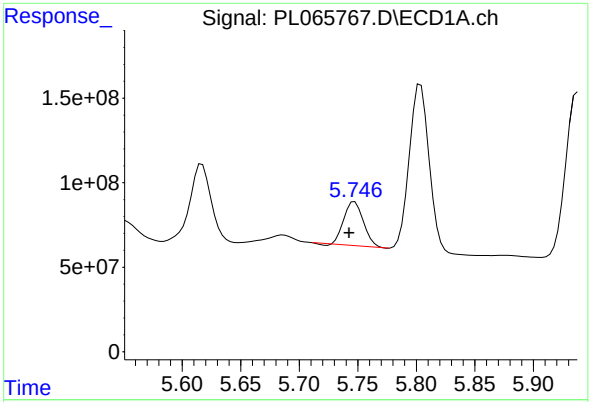
#13 Dieldrin

R.T.: 5.512 min
Delta R.T.: 0.019 min
Response: 355636851
Conc: 121.73 ng/ml



#13 Dieldrin

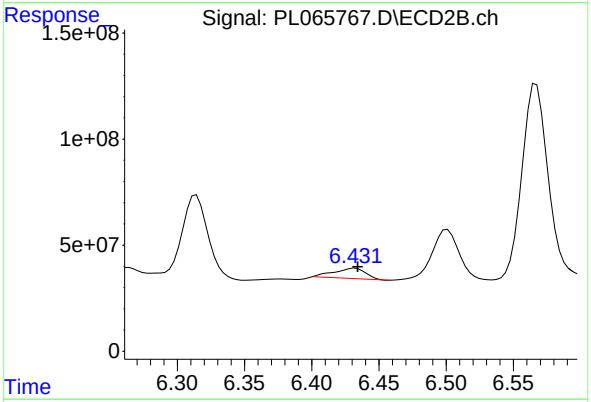
R.T.: 6.215 min
Delta R.T.: -0.005 min
Response: 564221146
Conc: 200.20 ng/ml



#14 Endrin

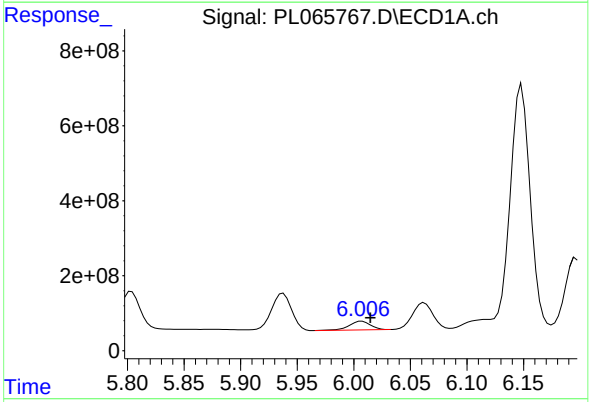
R.T.: 5.747 min
Delta R.T.: 0.005 min
Response: 299668906
Conc: 110.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



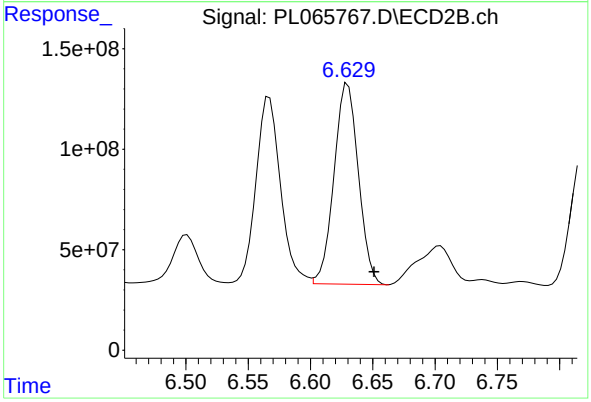
#14 Endrin

R.T.: 6.432 min
Delta R.T.: -0.002 min
Response: 79549816
Conc: 31.94 ng/ml



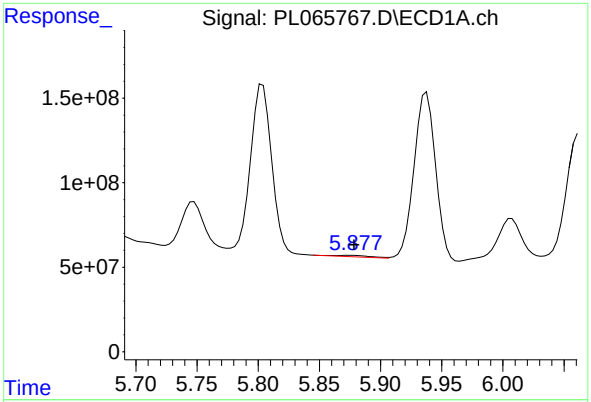
#15 Endosulfan II

R.T.: 6.007 min
Delta R.T.: -0.008 min
Response: 306268420
Conc: 123.32 ng/ml



#15 Endosulfan II

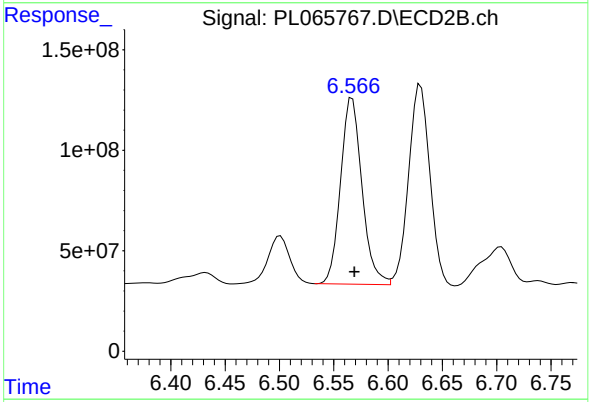
R.T.: 6.630 min
Delta R.T.: -0.021 min
Response: 1364006556
Conc: 577.13 ng/ml



#16 4,4'-DDD

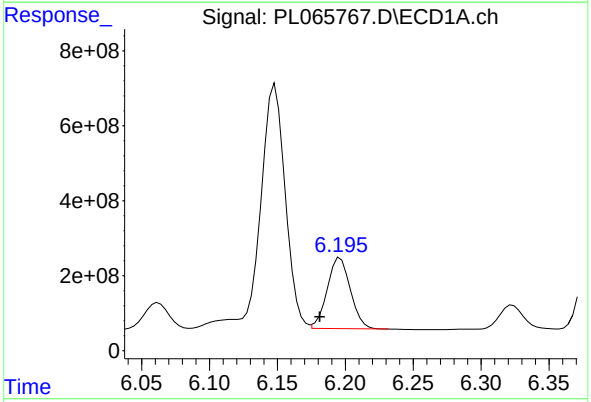
R.T.: 5.877 min
Delta R.T.: -0.001 min
Response: 18368893
Conc: 8.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



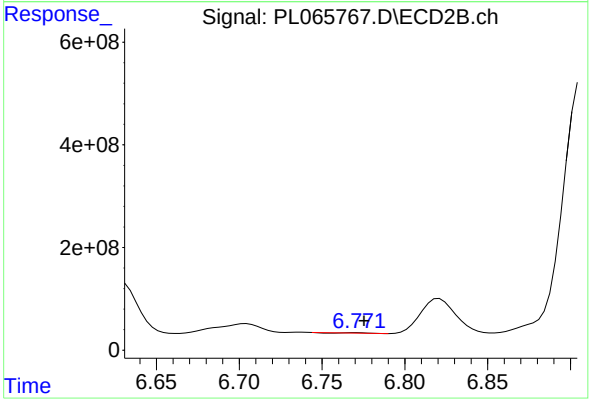
#16 4,4'-DDD

R.T.: 6.567 min
Delta R.T.: -0.002 min
Response: 1274739455
Conc: 604.79 ng/ml



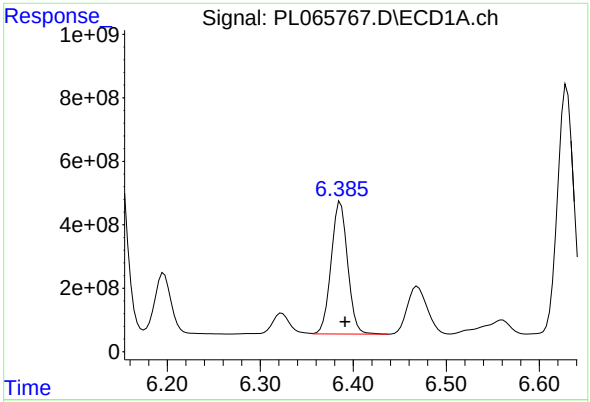
#18 Endrin aldehyde

R.T.: 6.196 min
Delta R.T.: 0.015 min
Response: 2240156969
Conc: 1183.94 ng/ml



#18 Endrin aldehyde

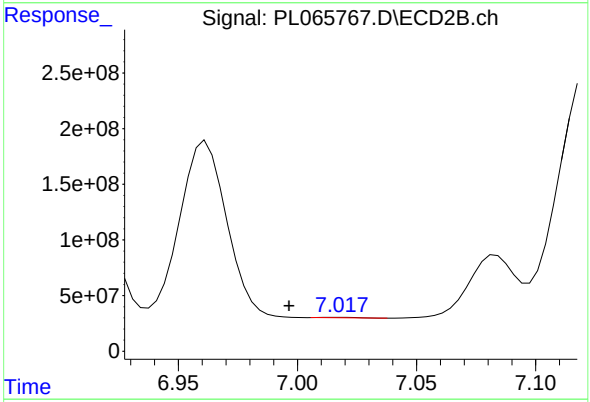
R.T.: 6.770 min
Delta R.T.: -0.006 min
Response: 2263069
Conc: 1.19 ng/ml



#19 Endosulfan Sulfate

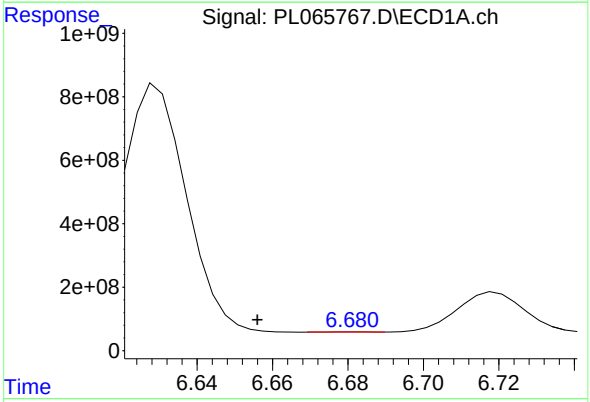
R.T.: 6.386 min
Delta R.T.: -0.005 min
Response: 5137511497
Conc: 1991.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



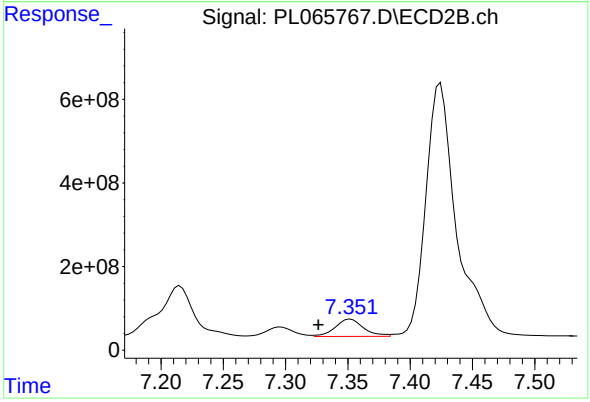
#19 Endosulfan Sulfate

R.T.: 7.017 min
Delta R.T.: 0.021 min
Response: 4200008
Conc: 1.73 ng/ml



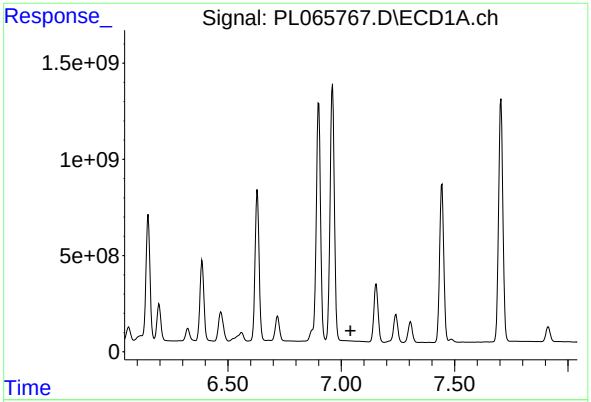
#20 Methoxychlor

R.T.: 6.682 min
Delta R.T.: 0.026 min
Response: 3530798
Conc: 2.81 ng/ml



#20 Methoxychlor

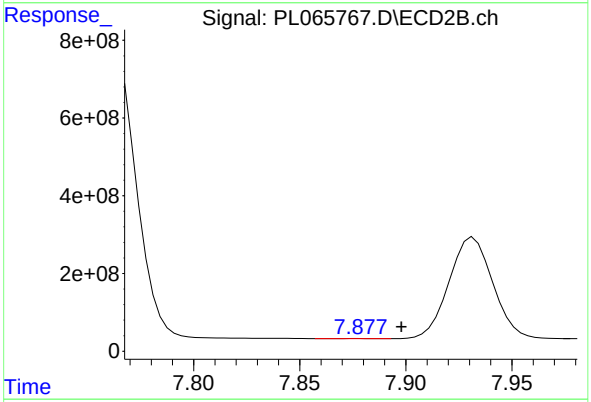
R.T.: 7.352 min
Delta R.T.: 0.026 min
Response: 657777245
Conc: 519.35 ng/ml



#22 Mirex

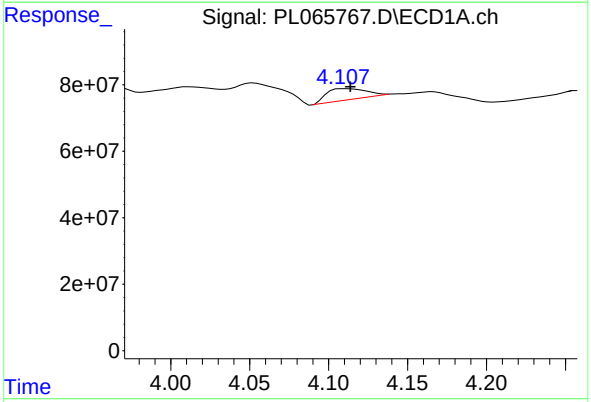
R.T.: 0.000 min
Exp R.T. : 7.041 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



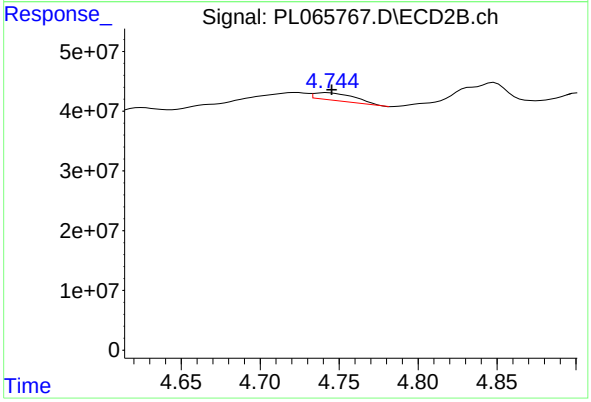
#22 Mirex

R.T.: 7.877 min
Delta R.T.: -0.020 min
Response: 3175653
Conc: 1.63 ng/ml



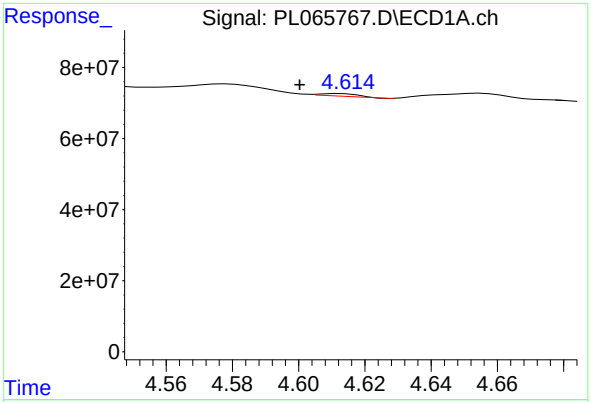
#23 Chlordane-1

R.T.: 4.110 min
Delta R.T.: -0.003 min
Response: 57738639
Conc: 639.92 ng/ml



#23 Chlordane-1

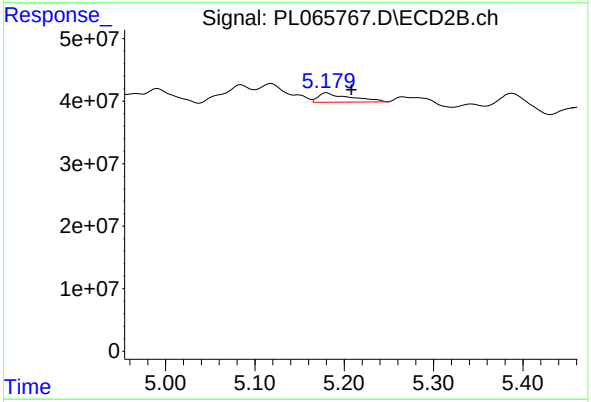
R.T.: 4.743 min
Delta R.T.: -0.003 min
Response: 20758282
Conc: 187.94 ng/ml



#24 Chlordane-2

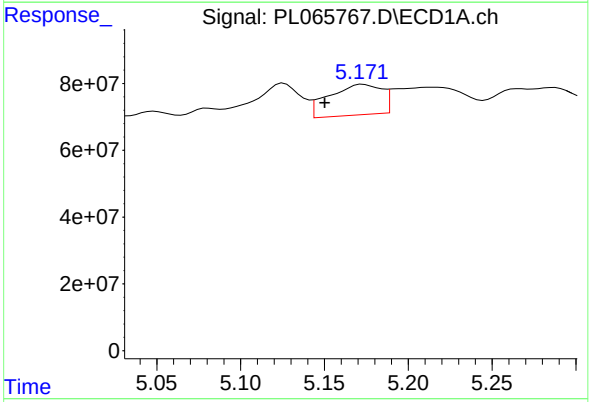
R.T.: 4.613 min
Delta R.T.: 0.012 min
Response: 6017437
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



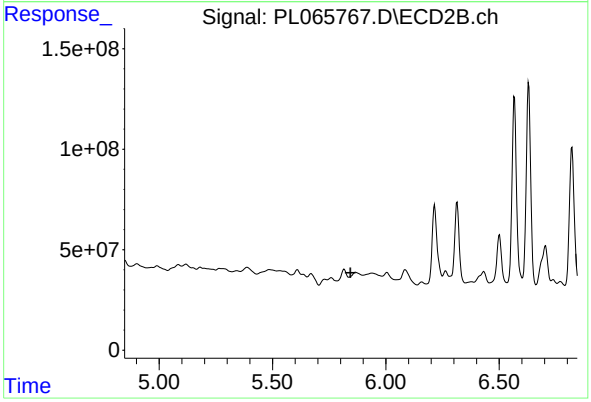
#24 Chlordane-2

R.T.: 5.181 min
Delta R.T.: -0.027 min
Response: 37186696
Conc: 324.95 ng/ml



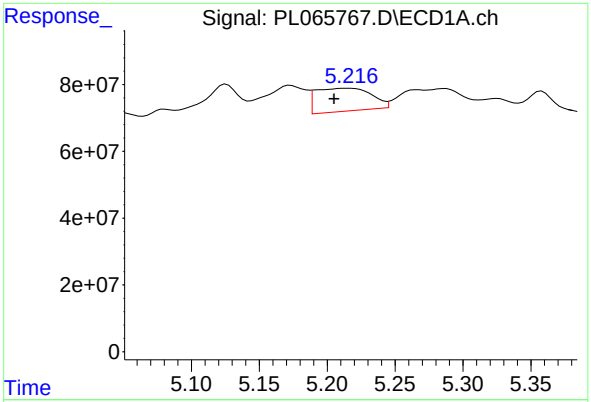
#25 Chlordane-3

R.T.: 5.173 min
Delta R.T.: 0.023 min
Response: 200144417
Conc: 643.94 ng/ml



#25 Chlordane-3

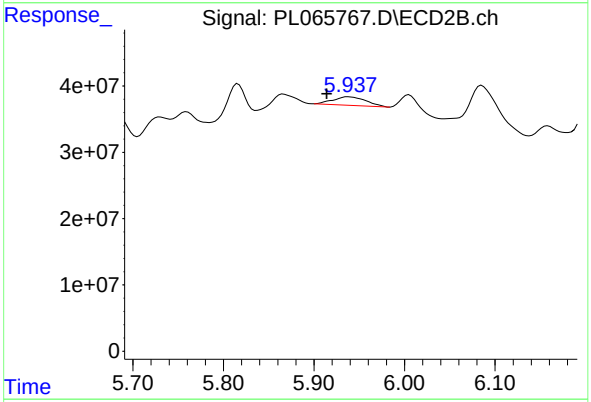
R.T.: 5.866 min
Delta R.T.: 0.022 min
Response: -40889844
Conc: N.D.



#26 Chlordane-4

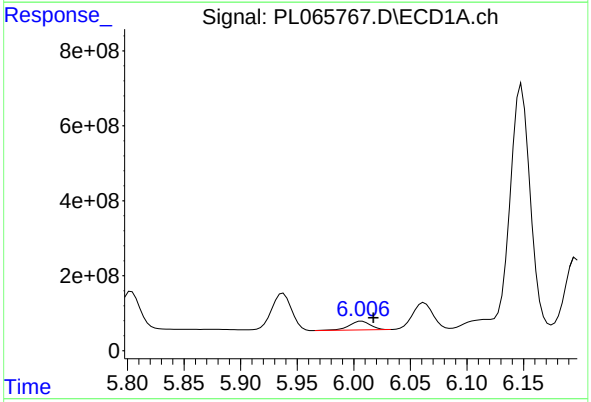
R.T.: 5.217 min
Delta R.T.: 0.012 min
Response: 195980184
Conc: 686.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



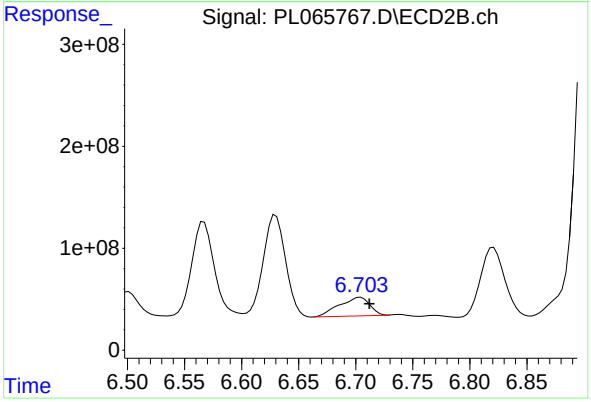
#26 Chlordane-4

R.T.: 5.938 min
Delta R.T.: 0.024 min
Response: 32829920
Conc: 64.90 ng/ml



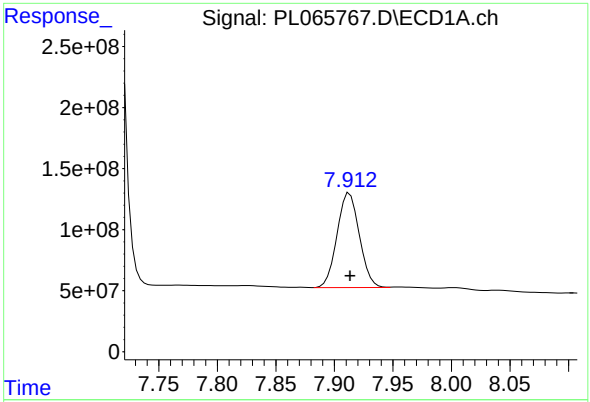
#27 Chlordane-5

R.T.: 6.007 min
Delta R.T.: -0.010 min
Response: 306268420
Conc: 2994.33 ng/ml



#27 Chlordane-5

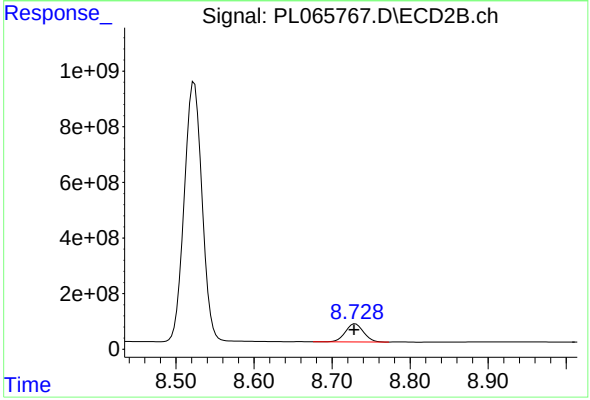
R.T.: 6.704 min
Delta R.T.: -0.008 min
Response: 342738496
Conc: 4110.73 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.913 min
Delta R.T.: 0.000 min
Response: 1027911265
Conc: 443.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.730 min
Delta R.T.: 0.002 min
Response: 1051213495
Conc: 466.27 ng/ml