Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 20:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:16:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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...	4.641	5.492	6733480	38268371	21.023	23.317	
28)	SA Decachlor...	10.417	11.332	10987267	38720872	21.607	21.654	
	Target Compounds							
2)	A alpha-BHC	5.350	6.054	4213448	23778804	10.222	10.570	
3)	MA gamma-BHC...	5.773	6.443	4306829	23201253	10.325	10.867	
4)	MA Heptachlor	0.000	7.099	0	59028	N.D.	0.025	#
5)	MB Aldrin	6.535f	7.478	38687	108145	0.094	0.052	#
6)	B beta-BHC	6.153	6.679	2579614	13012830	12.529	12.484	
7)	B delta-BHC	0.000	6.955	0	857436	N.D.	0.398	#
8)	B Heptachlo...	0.000	7.927	0	17420700	N.D.	8.722	#
9)	A Endosulfan I	0.000	8.324	0	1366362	N.D.	0.749	#
10)	B gamma-Chl...	7.381	8.197	11235	18042172	0.026	8.834	#
11)	B alpha-Chl...	0.000	8.257f	0	7742459	N.D.	3.871	#
12)	B 4,4'-DDE	7.648	8.463	116473	912885	0.325	0.509	#
14)	MA Endrin	8.068	8.846	21134068	90489466	54.469	58.782	
15)	B Endosulfa...	8.406f	9.055	131096	2251277	0.335	1.466	#
16)	A 4,4'-DDD	8.235	8.988	463349	21353636	1.427	14.629	#
17)	MA 4,4'-DDT	8.496	9.307	39320227	179.0E6	103.972	109.496	
18)	B Endrin al...	8.572	9.203	266235	405026	0.842	0.330	#
19)	B Endosulfa...	0.000	9.444	0	27978	N.D.	0.018	#
20)	A Methoxychlor	9.092	9.786	58562804	233.7E6	228.284	259.372	
21)	B Endrin ke...	9.315	9.928	-112092	1588154	N.D.	0.962	
22)	Mirex	0.000	10.434f	0	339717	N.D.	0.250	#
23)	Chlordane-1	0.000	6.853	0	1296213	N.D.	18.975	#
25)	Chlordane-3	7.381	8.197	11235	18042172	0.275	66.544	#
26)	Chlordane-4	0.000	8.305f	0	5676166	N.D.	17.135	#
27)	Chlordane-5	8.406f	0.000	131096	0	8.006	N.D.	#

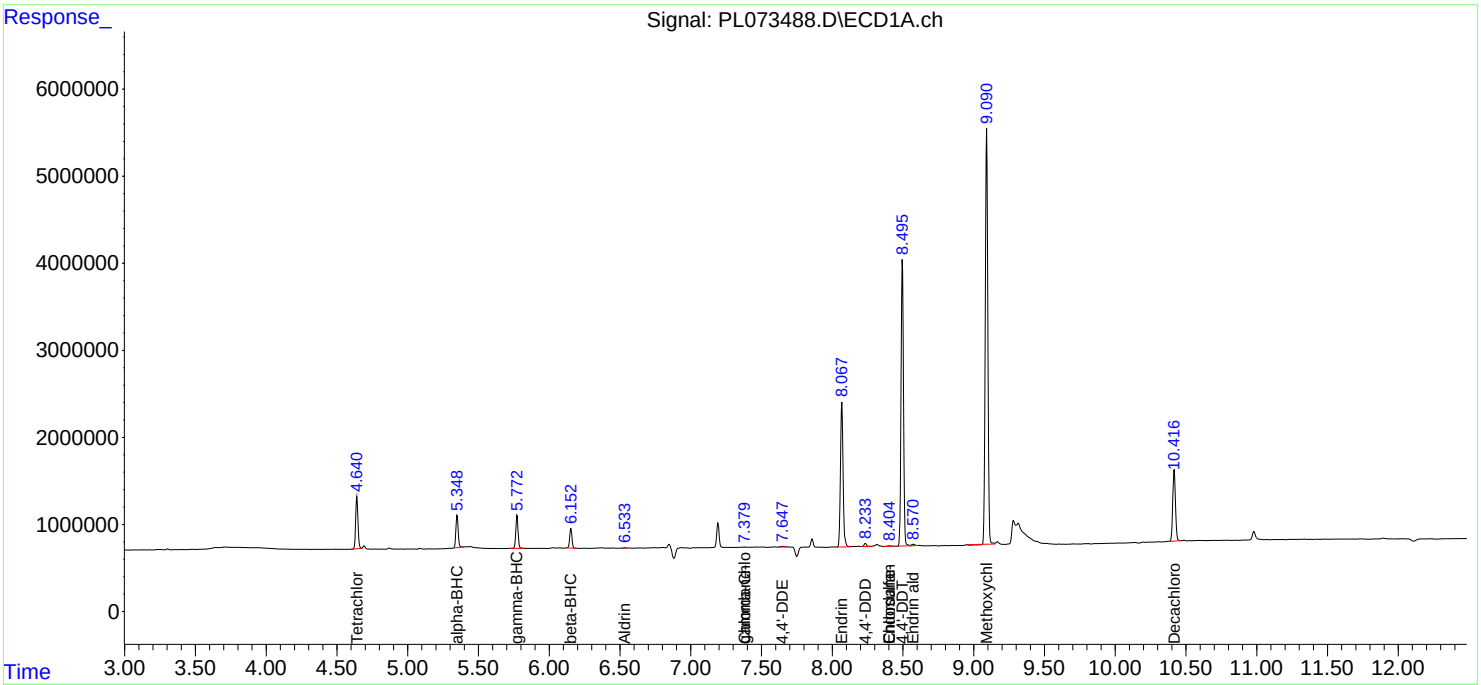
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

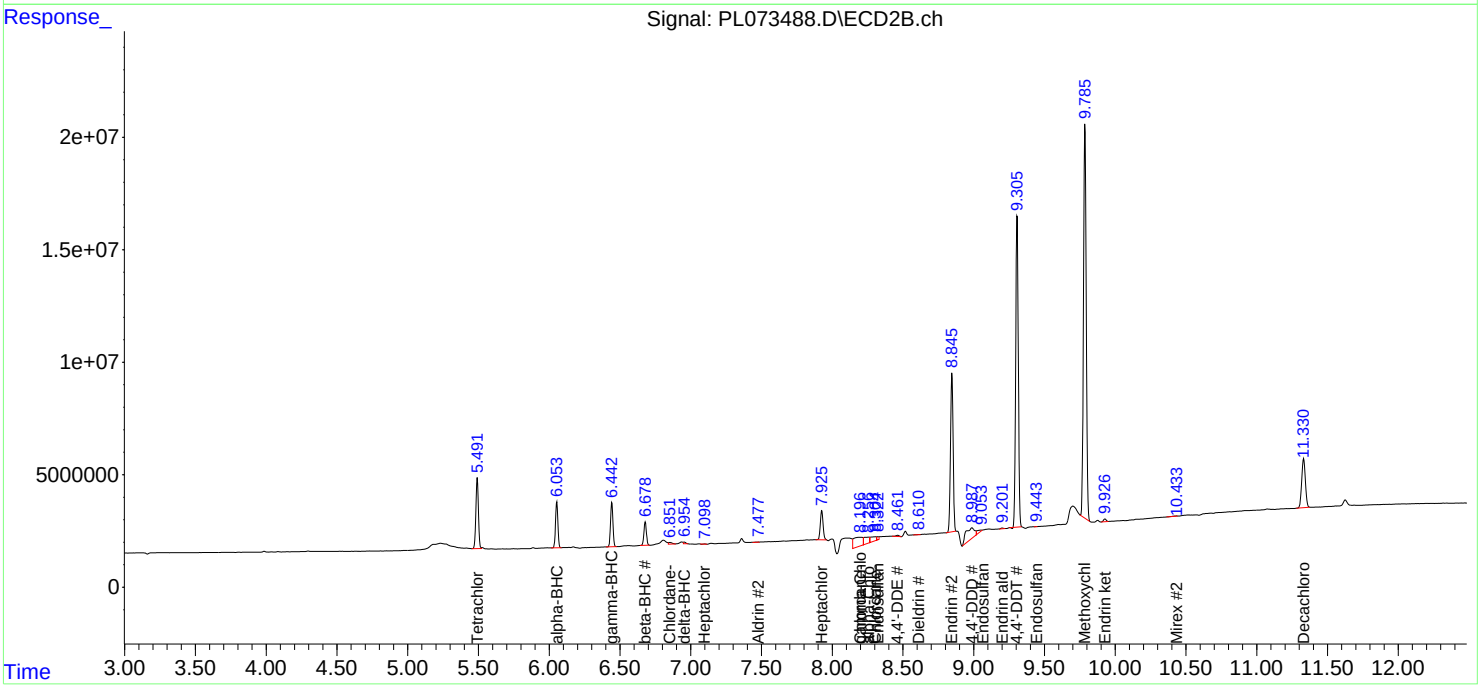
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073488.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 20:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

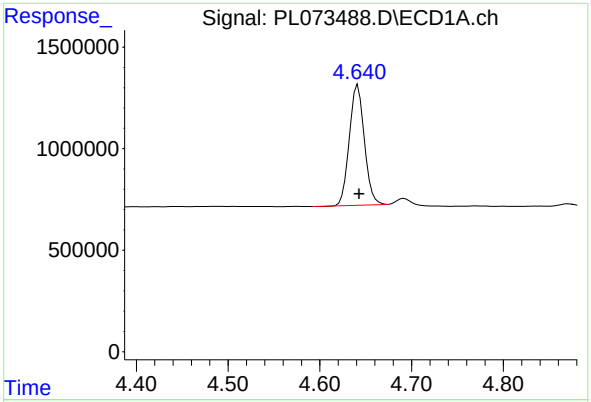
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:16:16 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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



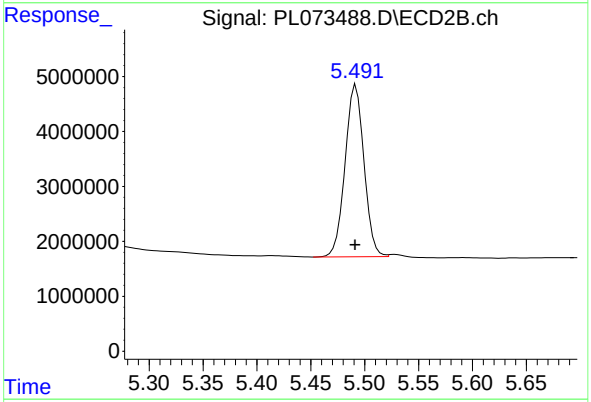




#1 Tetrachloro-m-xylene

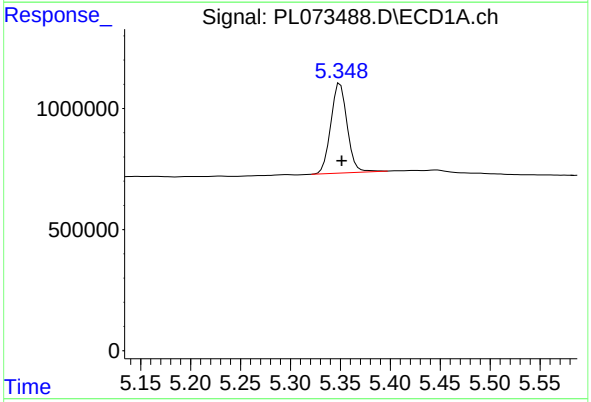
R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6733480
Conc: 21.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



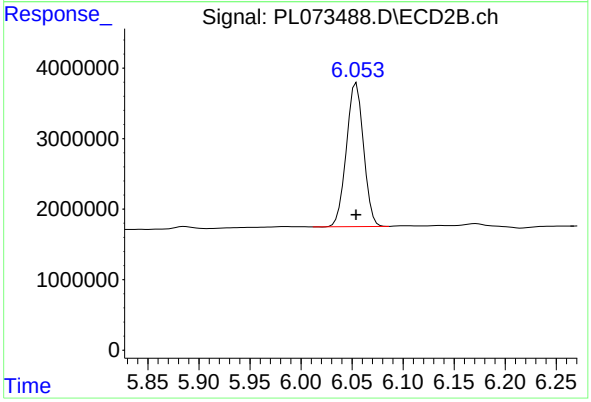
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 38268371
Conc: 23.32 ng/ml



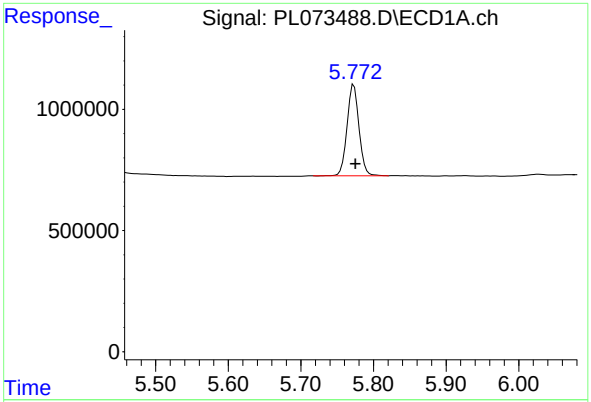
#2 alpha-BHC

R.T.: 5.350 min
Delta R.T.: -0.001 min
Response: 4213448
Conc: 10.22 ng/ml



#2 alpha-BHC

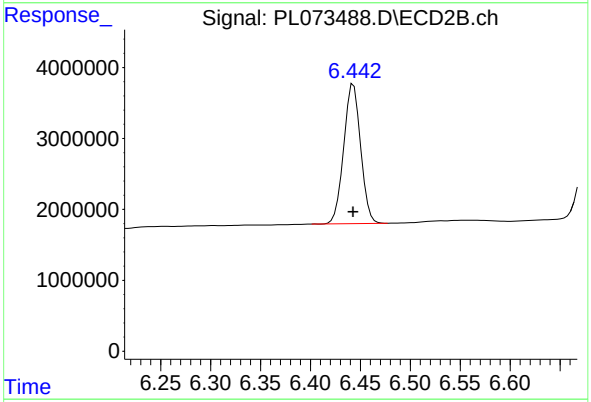
R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 23778804
Conc: 10.57 ng/ml



#3 gamma-BHC (Lindane)

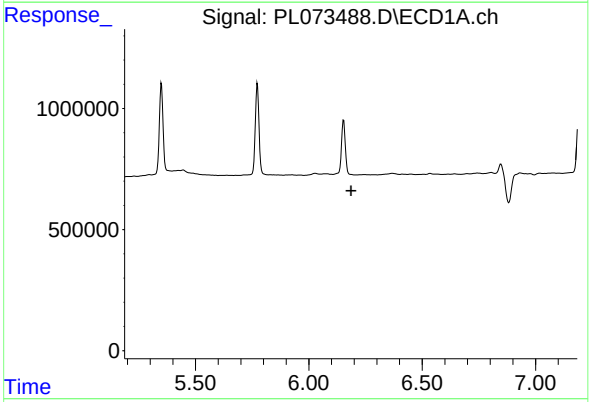
R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4306829
Conc: 10.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



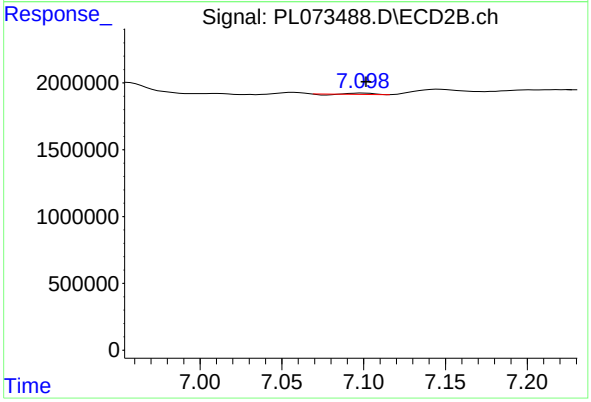
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 23201253
Conc: 10.87 ng/ml



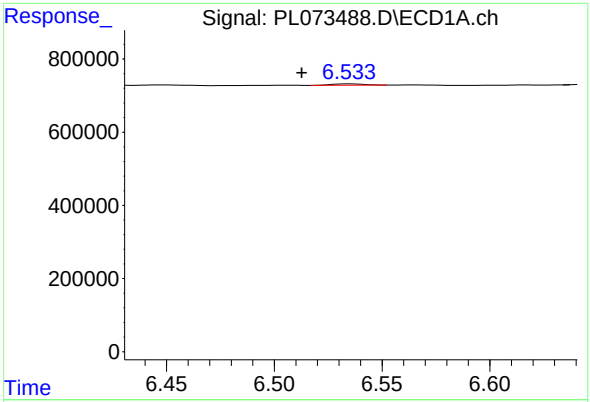
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 6.187 min
Response: 0
Conc: N.D.



#4 Heptachlor

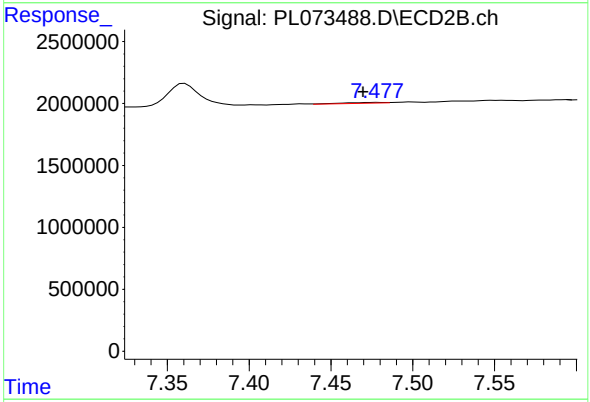
R.T.: 7.099 min
Delta R.T.: -0.002 min
Response: 59028
Conc: 0.03 ng/ml



#5 Aldrin

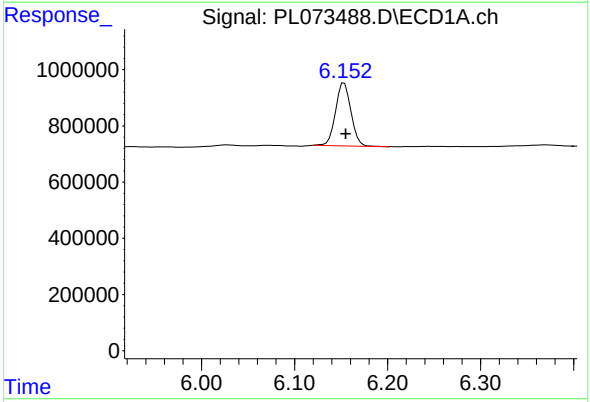
R.T.: 6.535 min
Delta R.T.: 0.022 min
Response: 38687
Conc: 0.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



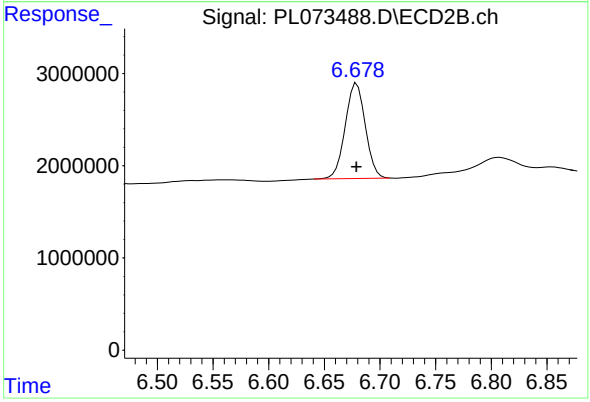
#5 Aldrin

R.T.: 7.478 min
Delta R.T.: 0.008 min
Response: 108145
Conc: 0.05 ng/ml



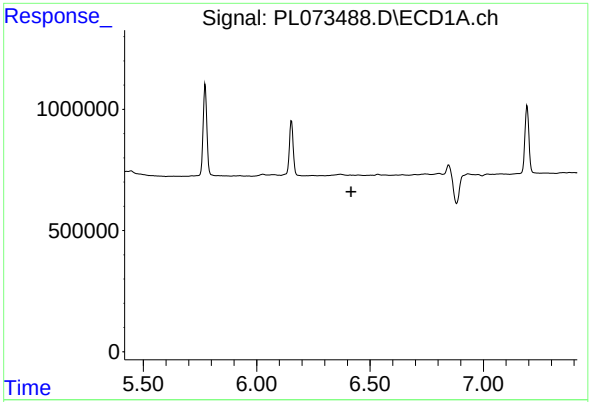
#6 beta-BHC

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 2579614
Conc: 12.53 ng/ml



#6 beta-BHC

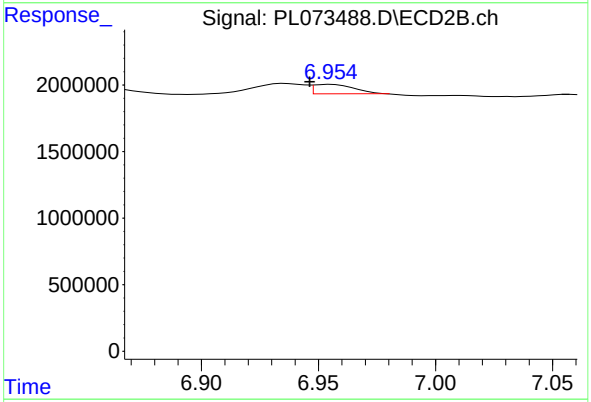
R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 13012830
Conc: 12.48 ng/ml



#7 delta-BHC

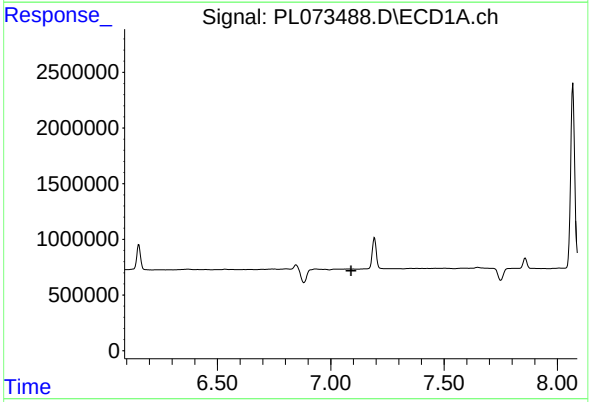
R.T.: 0.000 min
Exp R.T. : 6.416 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



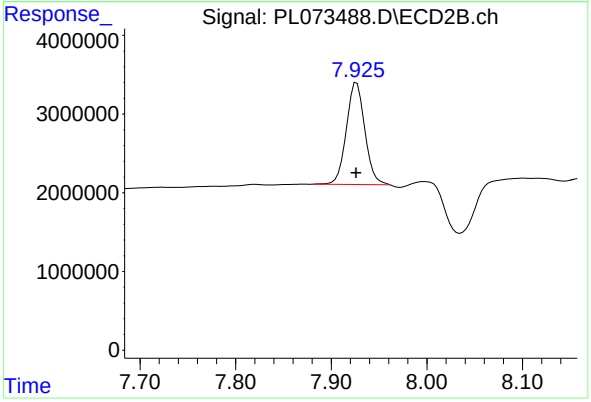
#7 delta-BHC

R.T.: 6.955 min
Delta R.T.: 0.009 min
Response: 857436
Conc: 0.40 ng/ml



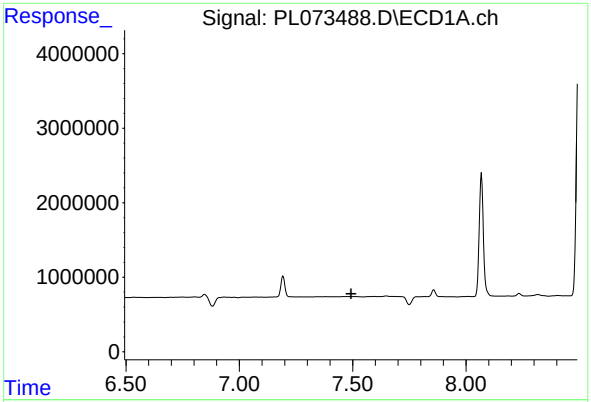
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 7.090 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

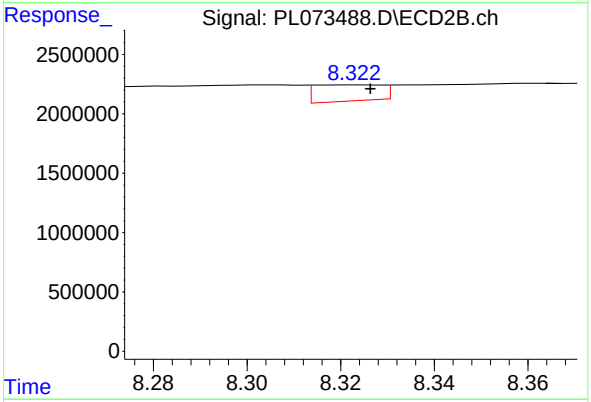
R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 17420700
Conc: 8.72 ng/ml



#9 Endosulfan I

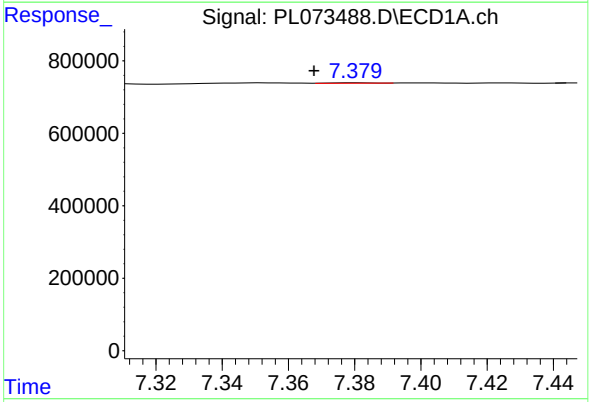
R.T.: 0.000 min
Exp R.T. : 7.493 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



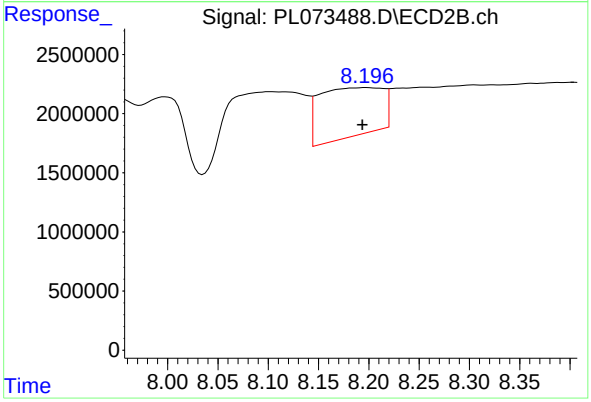
#9 Endosulfan I

R.T.: 8.324 min
Delta R.T.: -0.003 min
Response: 1366362
Conc: 0.75 ng/ml



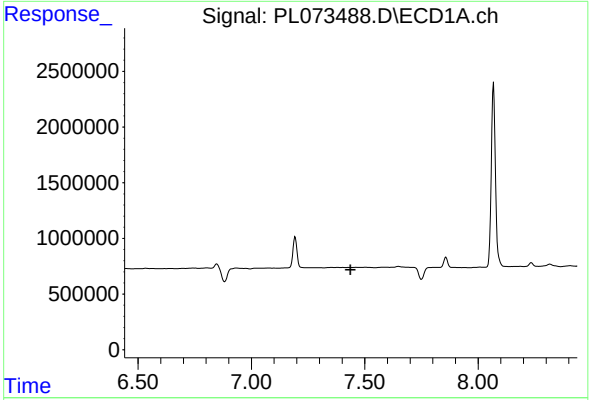
#10 gamma-Chlordane

R.T.: 7.381 min
Delta R.T.: 0.013 min
Response: 11235
Conc: 0.03 ng/ml



#10 gamma-Chlordane

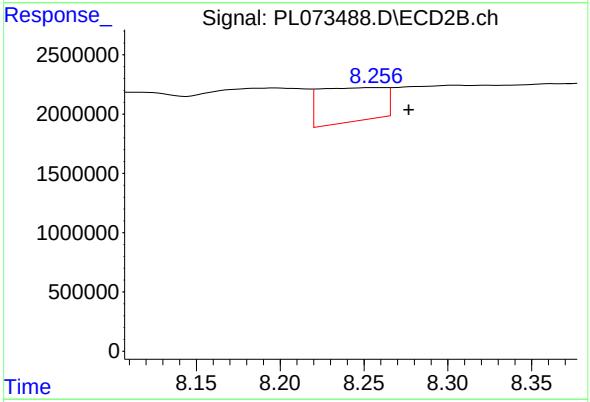
R.T.: 8.197 min
Delta R.T.: 0.004 min
Response: 18042172
Conc: 8.83 ng/ml



#11 alpha-Chlordane

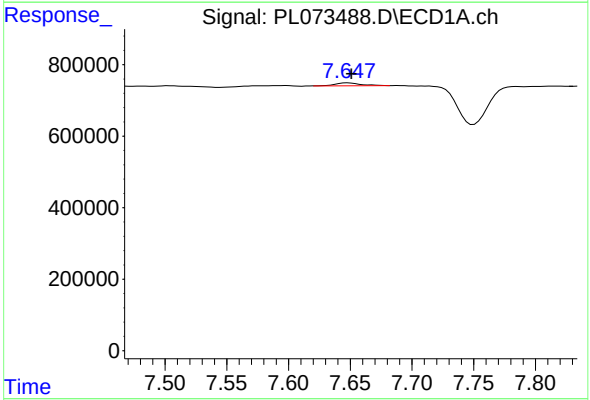
R.T.: 0.000 min
Exp R.T. : 7.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



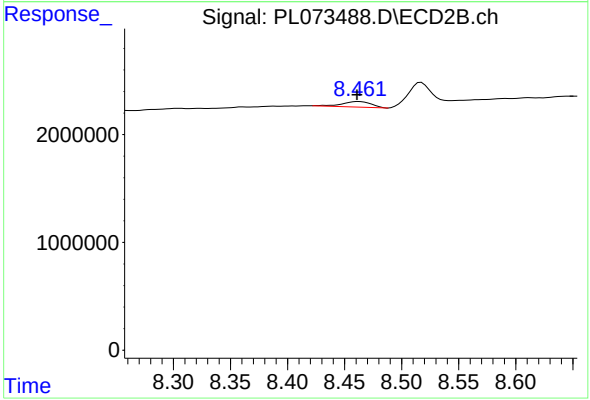
#11 alpha-Chlordane

R.T.: 8.257 min
Delta R.T.: -0.020 min
Response: 7742459
Conc: 3.87 ng/ml



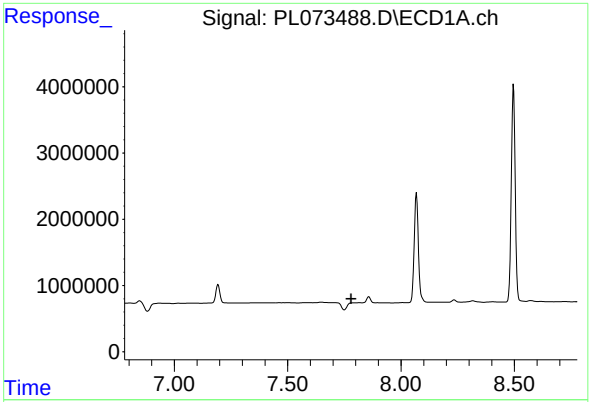
#12 4,4'-DDE

R.T.: 7.648 min
Delta R.T.: -0.003 min
Response: 116473
Conc: 0.32 ng/ml



#12 4,4'-DDE

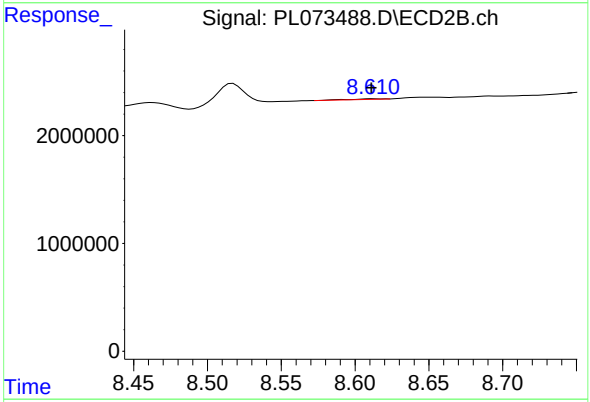
R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 912885
Conc: 0.51 ng/ml



#13 Dieldrin

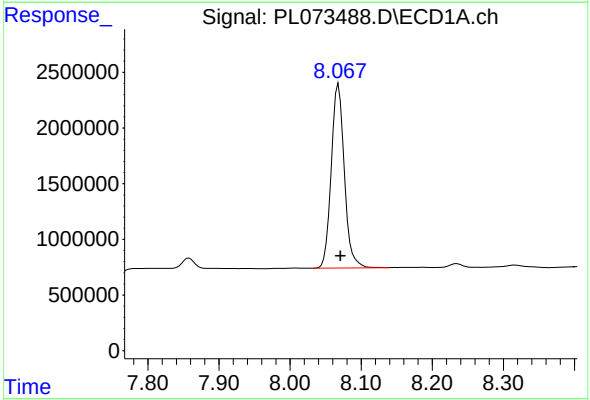
R.T.: 7.785 min
Delta R.T.: 0.005 min
Response: -801036
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



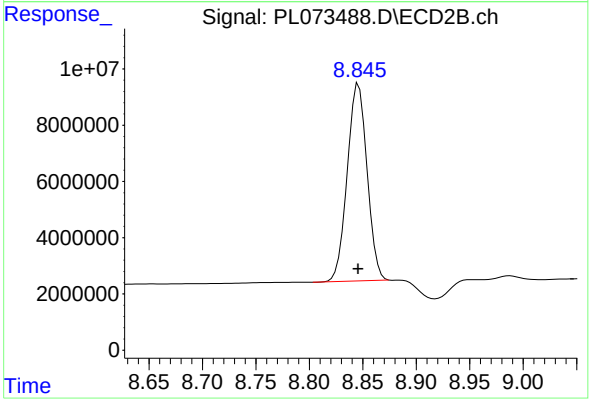
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 74156
Conc: 0.04 ng/ml



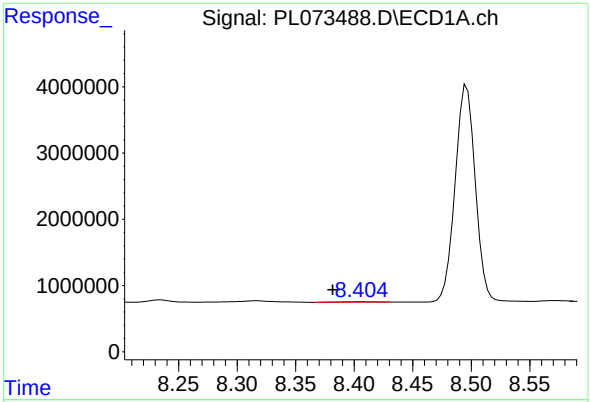
#14 Endrin

R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 21134068
Conc: 54.47 ng/ml



#14 Endrin

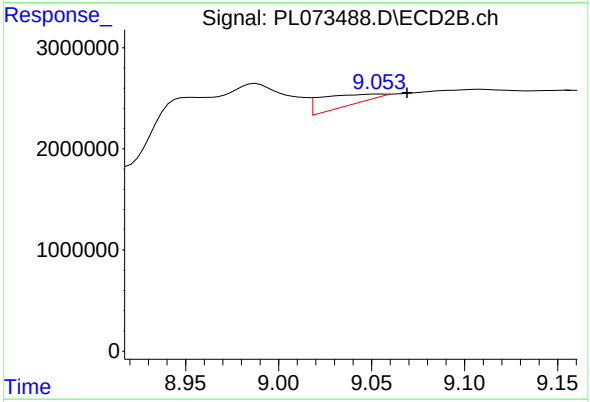
R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 90489466
Conc: 58.78 ng/ml



#15 Endosulfan II

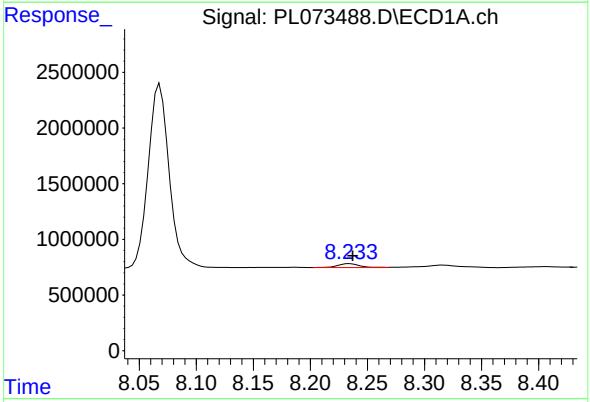
R.T.: 8.406 min
Delta R.T.: 0.025 min
Response: 131096
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



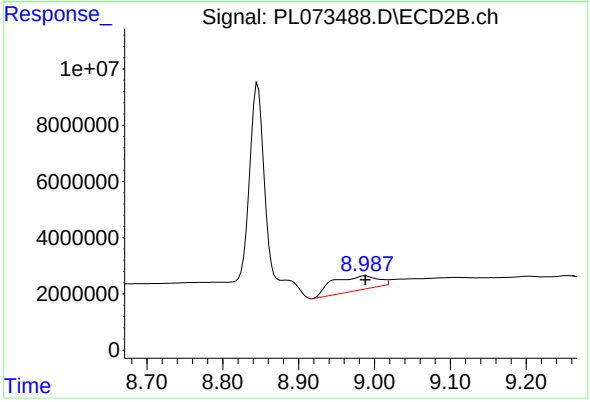
#15 Endosulfan II

R.T.: 9.055 min
Delta R.T.: -0.014 min
Response: 2251277
Conc: 1.47 ng/ml



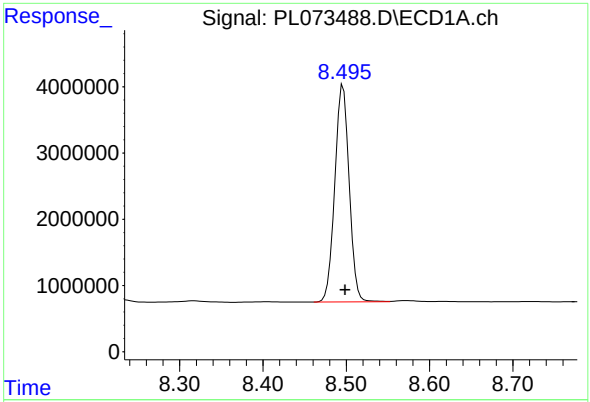
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 463349
Conc: 1.43 ng/ml



#16 4,4'-DDD

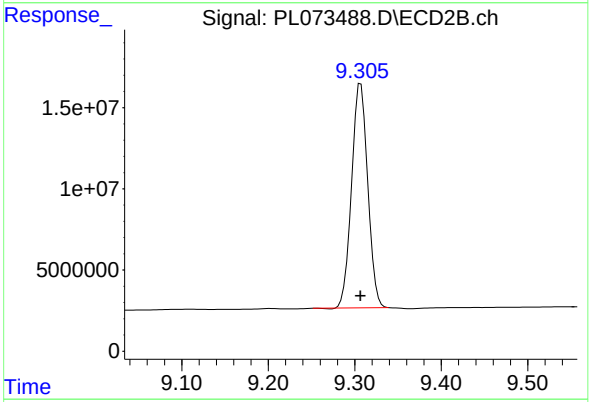
R.T.: 8.988 min
Delta R.T.: 0.000 min
Response: 21353636
Conc: 14.63 ng/ml



#17 4,4'-DDT

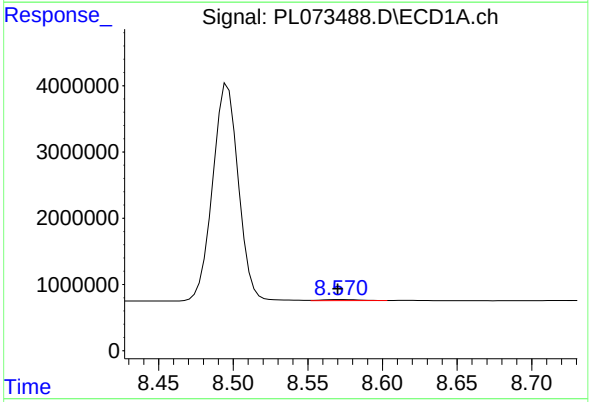
R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 39320227
Conc: 103.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



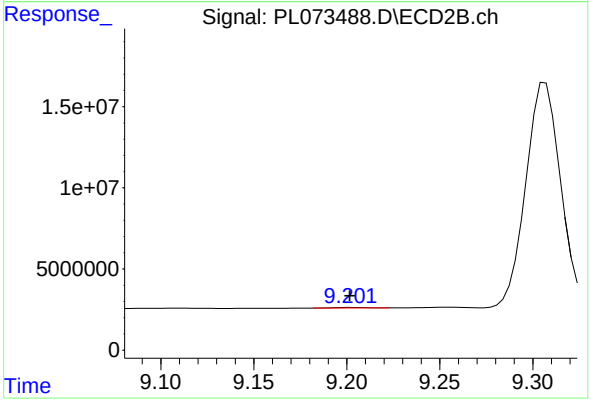
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 178973939
Conc: 109.50 ng/ml



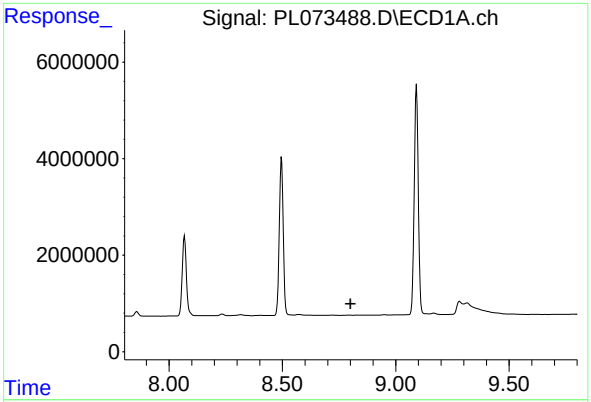
#18 Endrin aldehyde

R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 266235
Conc: 0.84 ng/ml



#18 Endrin aldehyde

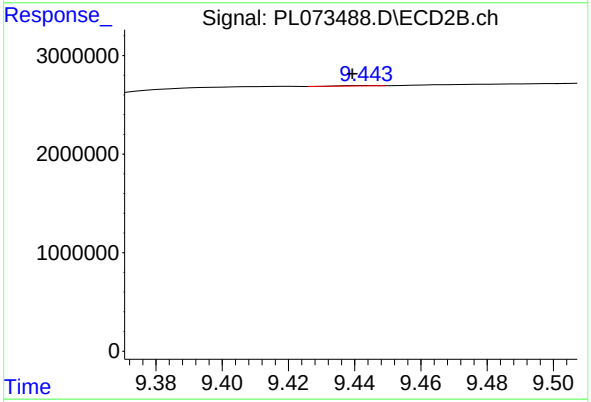
R.T.: 9.203 min
Delta R.T.: 0.001 min
Response: 405026
Conc: 0.33 ng/ml



#19 Endosulfan Sulfate

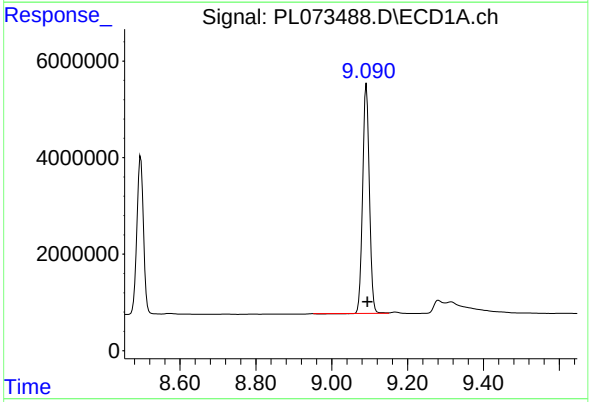
R.T.: 0.000 min
Exp R.T. : 8.801 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



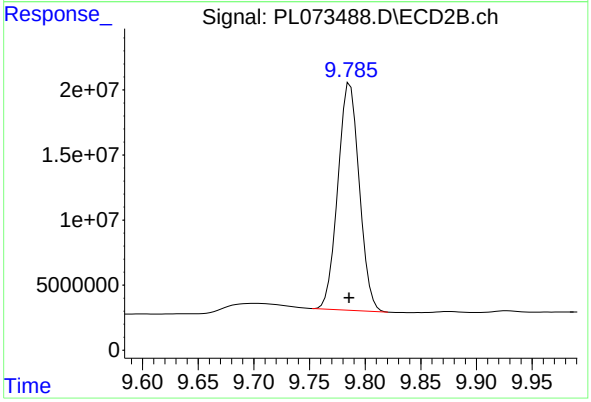
#19 Endosulfan Sulfate

R.T.: 9.444 min
Delta R.T.: 0.004 min
Response: 27978
Conc: 0.02 ng/ml



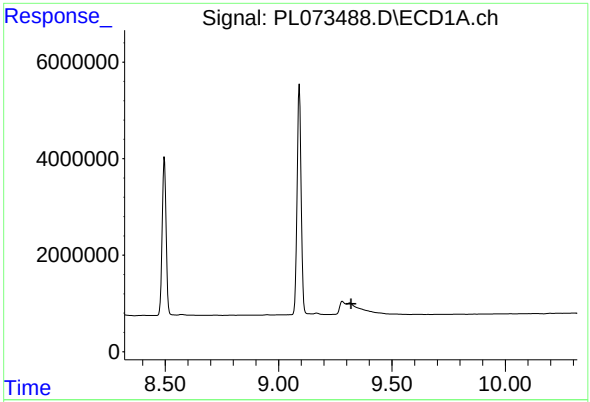
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 58562804
Conc: 228.28 ng/ml



#20 Methoxychlor

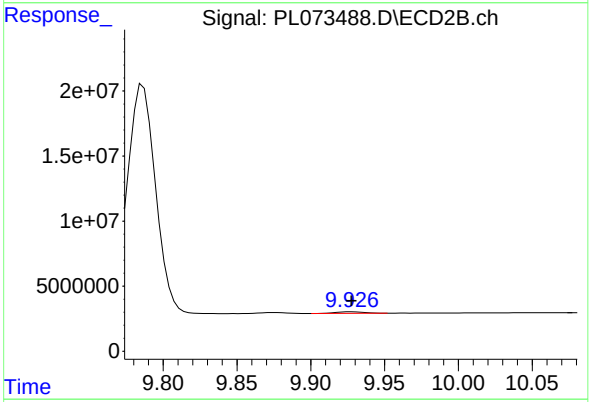
R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 233713148
Conc: 259.37 ng/ml



#21 Endrin ketone

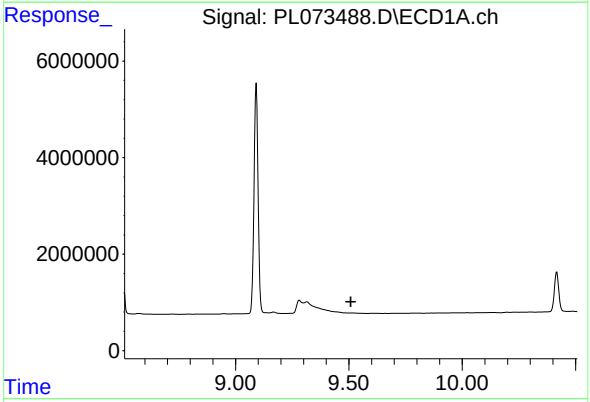
R.T.: 9.315 min
Delta R.T.: -0.005 min
Response: -112092
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



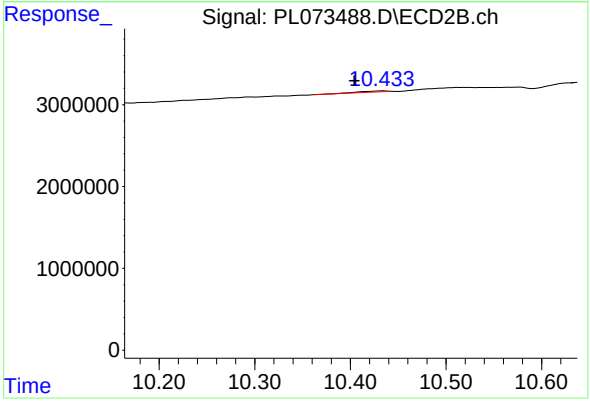
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 1588154
Conc: 0.96 ng/ml



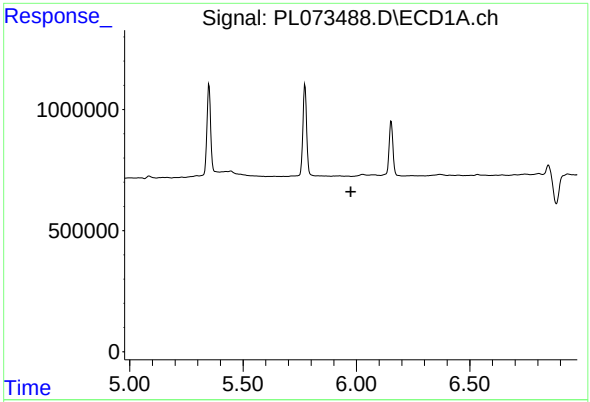
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 9.509 min
Response: 0
Conc: N.D.



#22 Mirex

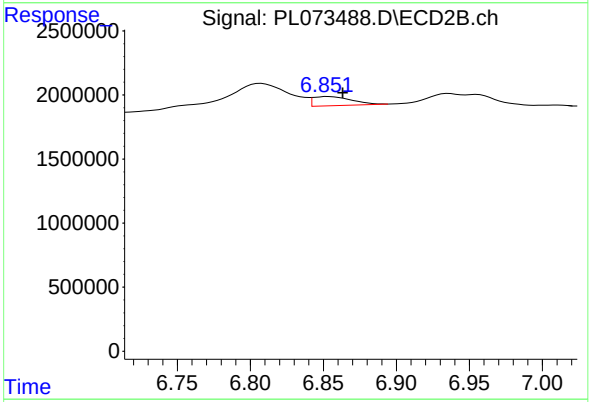
R.T.: 10.434 min
Delta R.T.: 0.030 min
Response: 339717
Conc: 0.25 ng/ml



#23 Chlordane-1

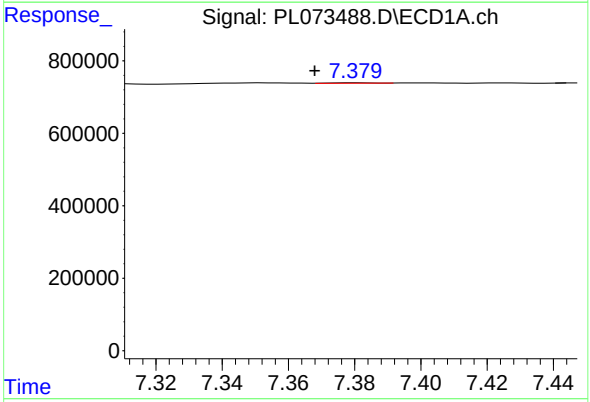
R.T.: 0.000 min
Exp R.T. : 5.976 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



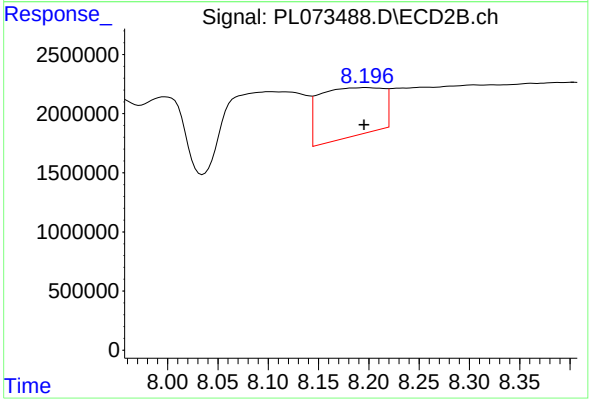
#23 Chlordane-1

R.T.: 6.853 min
Delta R.T.: -0.010 min
Response: 1296213
Conc: 18.97 ng/ml



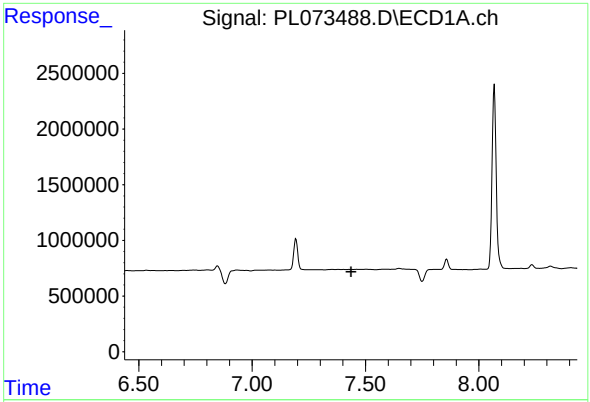
#25 Chlordane-3

R.T.: 7.381 min
Delta R.T.: 0.013 min
Response: 11235
Conc: 0.28 ng/ml



#25 Chlordane-3

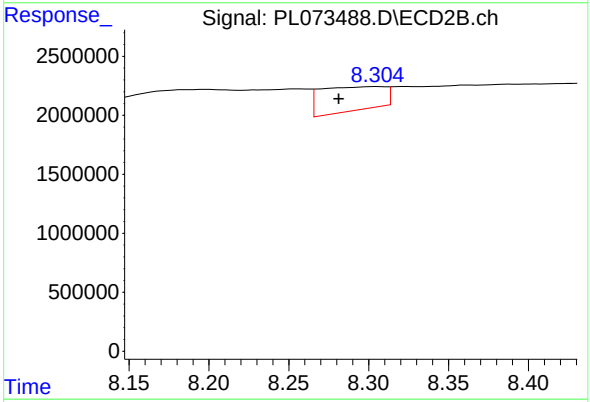
R.T.: 8.197 min
Delta R.T.: 0.002 min
Response: 18042172
Conc: 66.54 ng/ml



#26 Chlordane-4

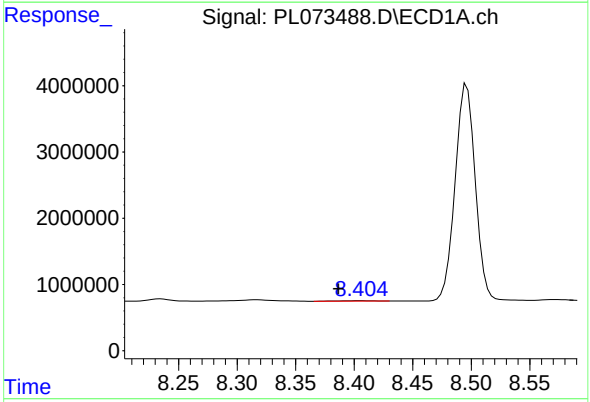
R.T.: 0.000 min
Exp R.T. : 7.437 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



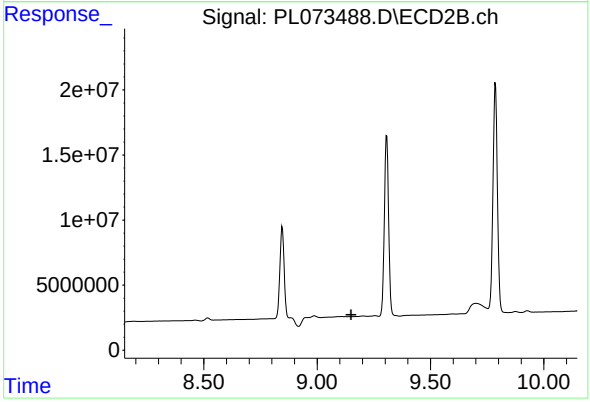
#26 Chlordane-4

R.T.: 8.305 min
Delta R.T.: 0.024 min
Response: 5676166
Conc: 17.14 ng/ml



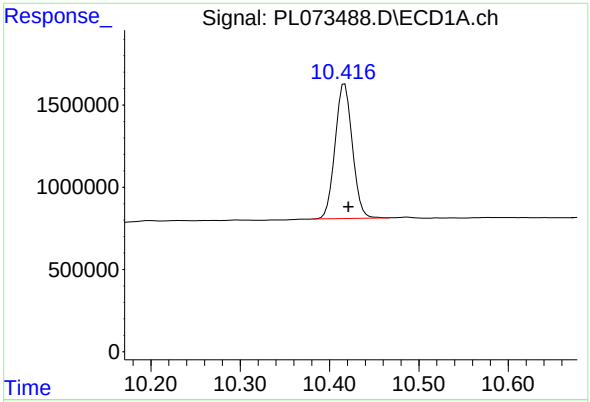
#27 Chlordane-5

R.T.: 8.406 min
Delta R.T.: 0.020 min
Response: 131096
Conc: 8.01 ng/ml



#27 Chlordane-5

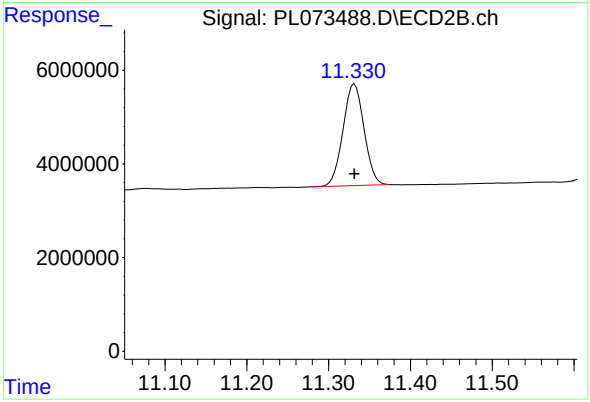
R.T.: 0.000 min
Exp R.T. : 9.149 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10987267
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 38720872
Conc: 21.65 ng/ml