Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
Data File : PL085427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2023 11:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 00:13:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 2023
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...	3.412	2.652	65889032	27790105	19.783	18.268	
28)	SA Decachlor...	8.946	7.830	69850379	38919147	20.521	19.879	
	Target Compounds							
2)	A alpha-BHC	3.869	3.155	47504589	20156240	9.639	8.650	
3)	MA gamma-BHC...	4.202	3.485	46738322	19939768	9.562	8.656	
4)	MA Heptachlor	0.000	3.839f	0	38144	N.D.	0.018	#
5)	MB Aldrin	5.137	4.120f	643202	1947296	0.133	0.832	#
6)	B beta-BHC	4.403	3.787	22240943	9852607	10.681	10.252	
7)	B delta-BHC	4.654	4.018	1625992	388205	0.341	0.168	#
8)	B Heptachlo...	5.565	4.594	37224978	12732	8.675	0.006	#
9)	A Endosulfan I	5.939	4.992f	10280590	1916933	2.494	2.268	
10)	B gamma-Chl...	5.801f	0.000	17277797	0	3.939	N.D.	#
11)	B alpha-Chl...	0.000	4.914	0	335054	N.D.	0.154	#
12)	B 4,4'-DDE	6.086	5.126	800935	113225	0.201	0.056	#
14)	MA Endrin	6.456	5.521	165.3E6	82036083	46.057	43.792	
15)	B Endosulfa...	6.673	5.800f	5537822	683619	1.400	0.349	#
16)	A 4,4'-DDD	6.606	5.685	10947206	711611	3.360	0.414	#
17)	MA 4,4'-DDT	6.919	5.936	348.9E6	183.1E6	97.195	100.491	
18)	B Endrin al...	6.811	6.003	7038577	4685842	2.417	2.957	
19)	B Endosulfa...	7.019f	6.226	369546	42416	0.101	0.023	#
20)	A Methoxychlor	7.404	6.522	465.9E6	235.3E6	212.566	221.832	
21)	B Endrin ke...	7.530	6.731	9610171	2760585	2.367	1.106	#
22)	Mirex	0.000	6.890f	0	248259	N.D.	0.137	#
24)	Chlordane-2	0.000	4.250f	0	2113762	N.D.	27.437	#
25)	Chlordane-3	5.801f	0.000	17277797	0	27.243	N.D.	#
26)	Chlordane-4	0.000	4.914	0	335054	N.D.	1.483	#
27)	Chlordane-5	6.732f	5.603	546170	-60212	4.150	N.D.	#

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

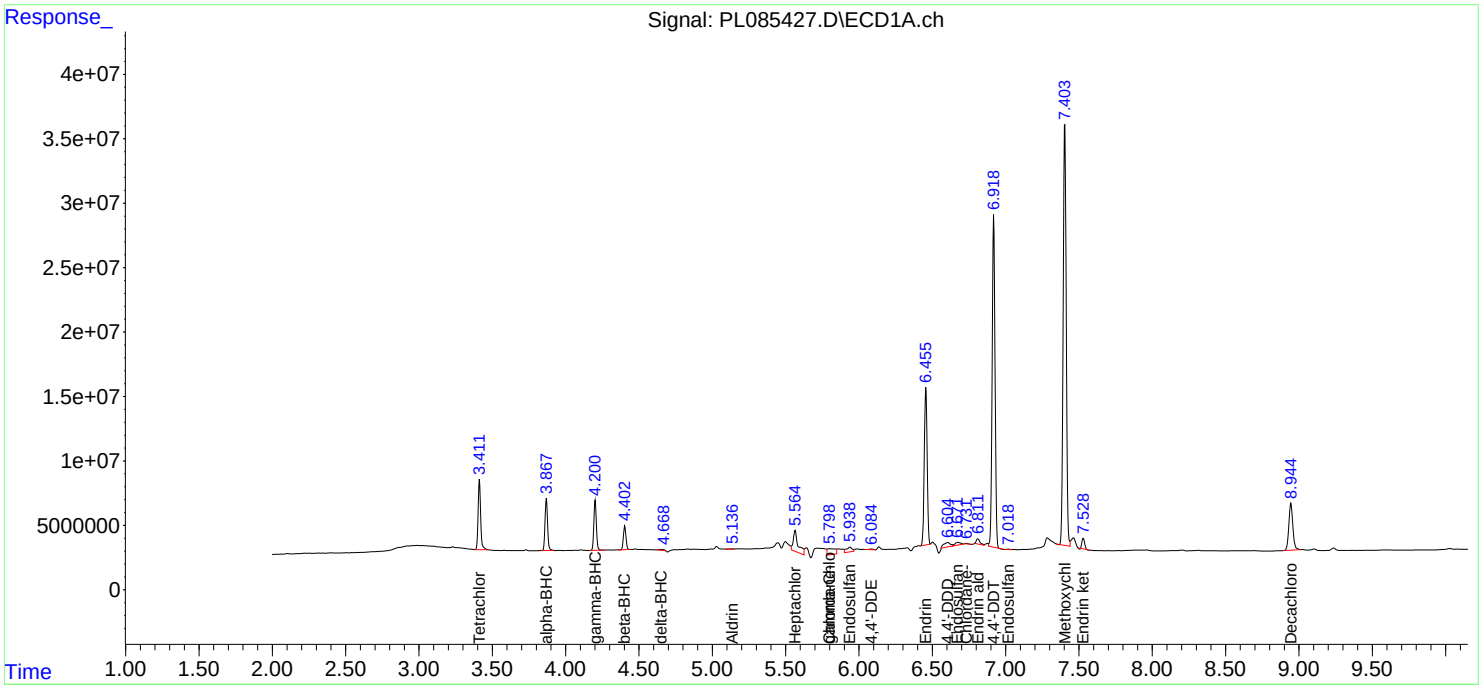
Quantitation Report (Not Reviewed)

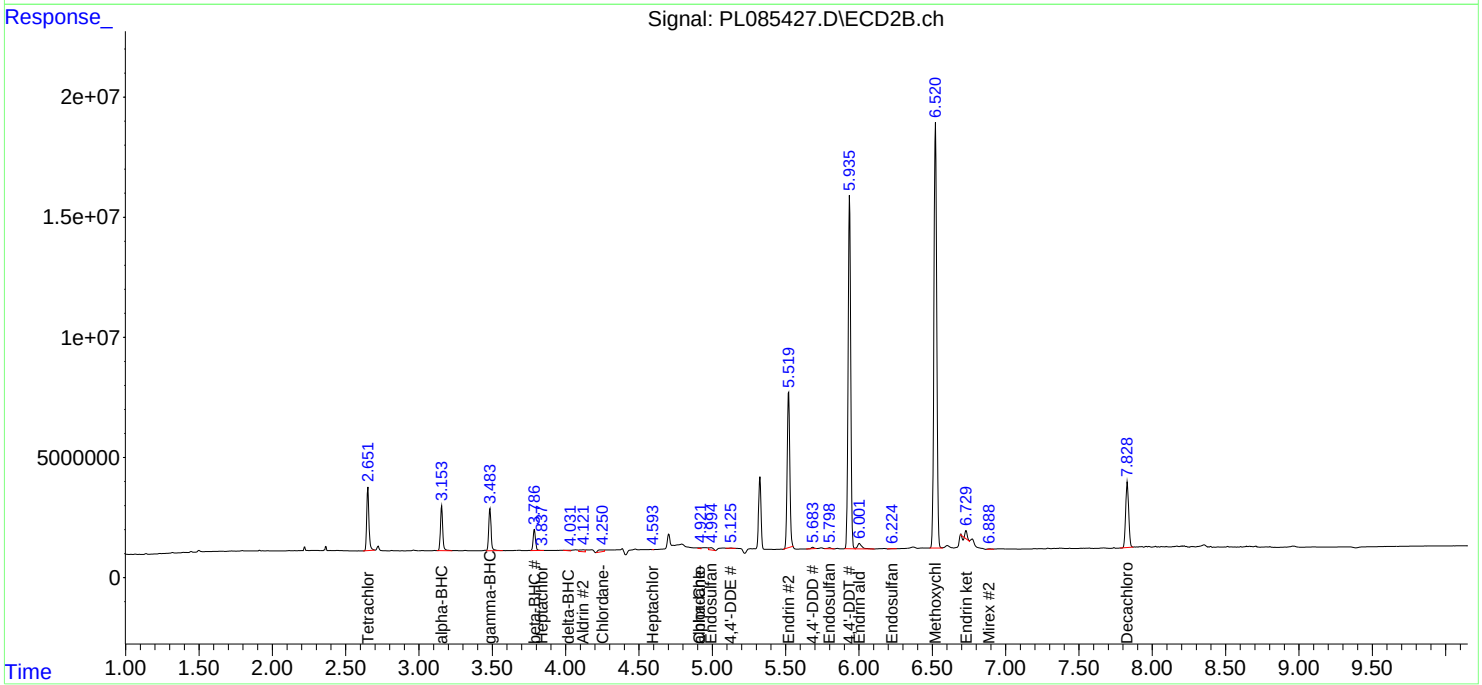
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092023\
Data File : PL085427.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2023 11:10
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

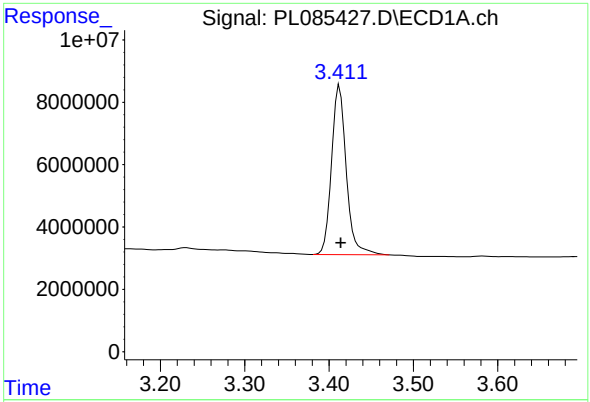
Instrument :
ECD_L
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 00:13:57 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091923.M
Quant Title : GC Extractables
QLast Update : Wed Sep 20 10:25:09 2023
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



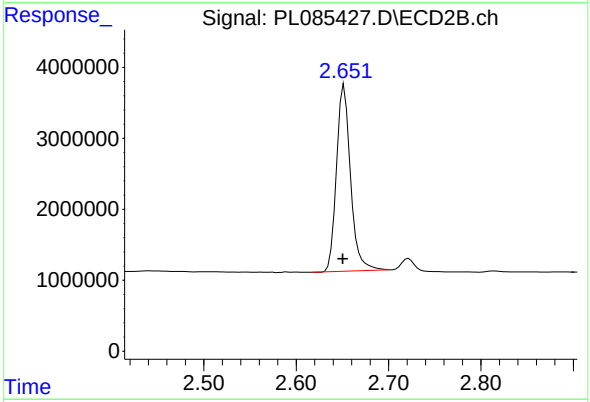




#1 Tetrachloro-m-xylene

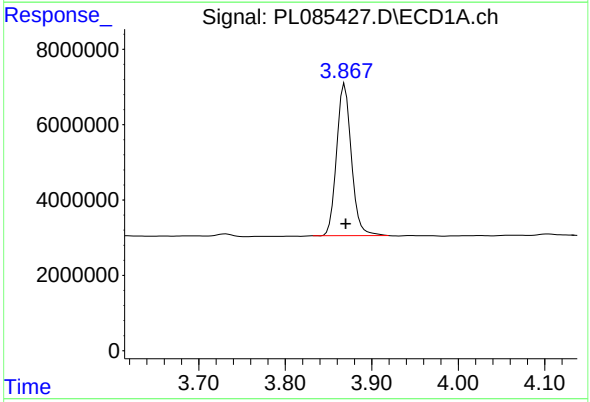
R.T.: 3.412 min
Delta R.T.: -0.002 min
Response: 65889032
Conc: 19.78 ng/ml

Instrument :
ECD_L
ClientSampleId :



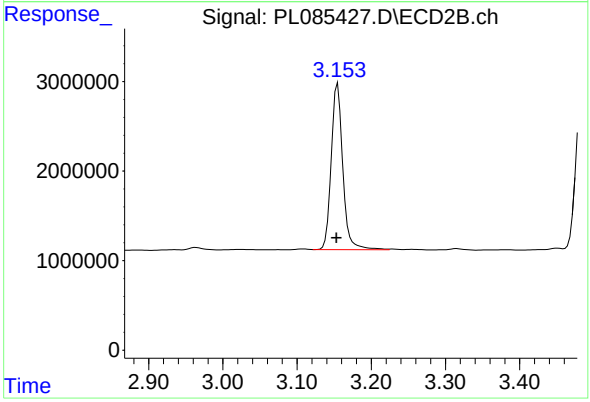
#1 Tetrachloro-m-xylene

R.T.: 2.652 min
Delta R.T.: 0.002 min
Response: 27790105
Conc: 18.27 ng/ml



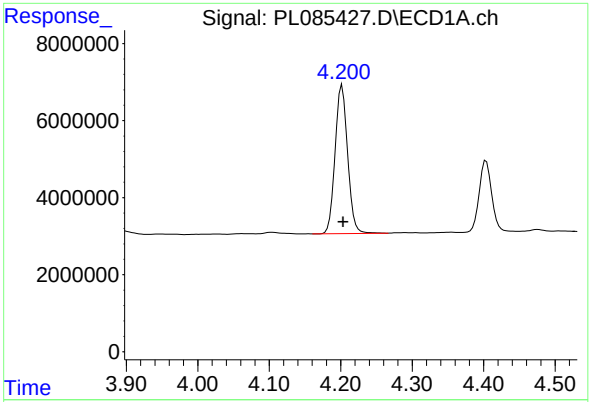
#2 alpha-BHC

R.T.: 3.869 min
Delta R.T.: -0.001 min
Response: 47504589
Conc: 9.64 ng/ml



#2 alpha-BHC

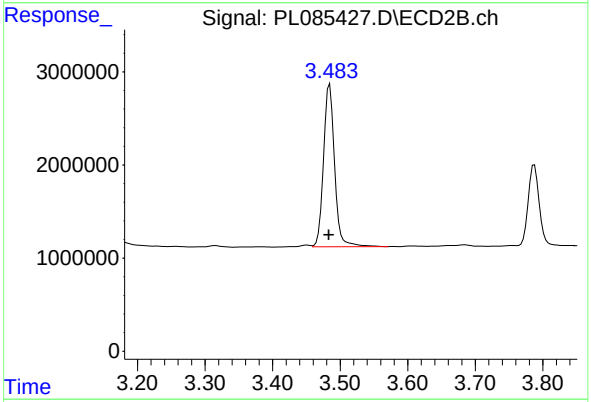
R.T.: 3.155 min
Delta R.T.: 0.002 min
Response: 20156240
Conc: 8.65 ng/ml



#3 gamma-BHC (Lindane)

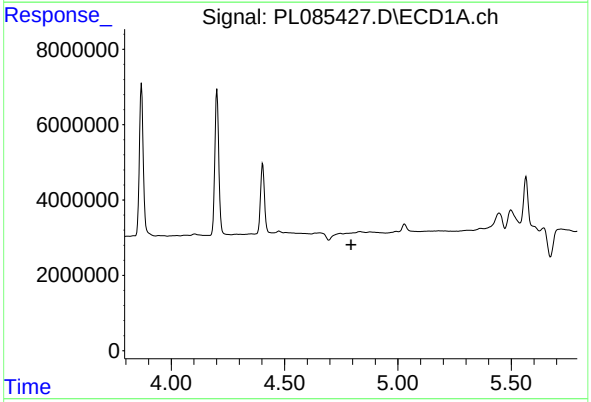
R.T.: 4.202 min
Delta R.T.: -0.001 min
Response: 46738322
Conc: 9.56 ng/ml

Instrument :
ECD_L
ClientSampleId :



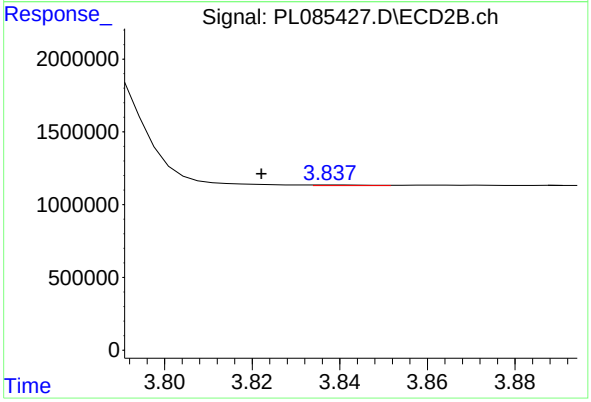
#3 gamma-BHC (Lindane)

R.T.: 3.485 min
Delta R.T.: 0.001 min
Response: 19939768
Conc: 8.66 ng/ml



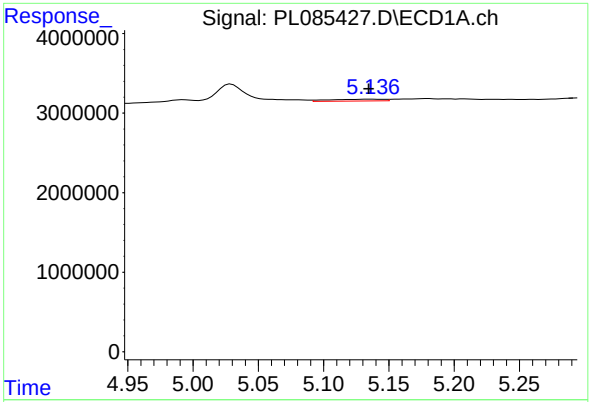
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.793 min
Response: 0
Conc: N.D.



#4 Heptachlor

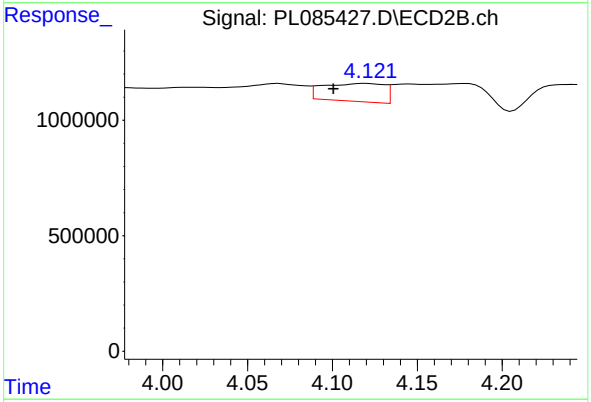
R.T.: 3.839 min
Delta R.T.: 0.016 min
Response: 38144
Conc: 0.02 ng/ml



#5 Aldrin

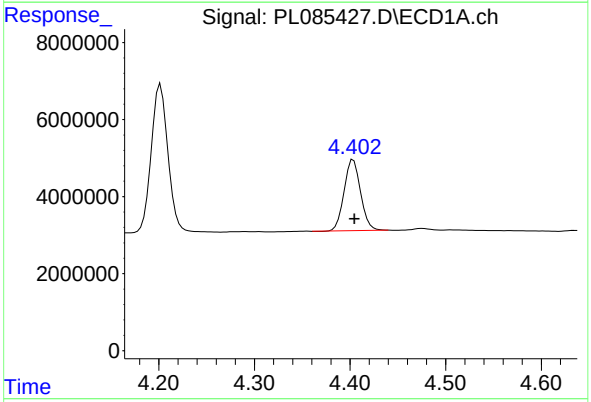
R.T.: 5.137 min
Delta R.T.: 0.002 min
Response: 643202
Conc: 0.13 ng/ml

Instrument :
ECD_L
ClientSampleId :



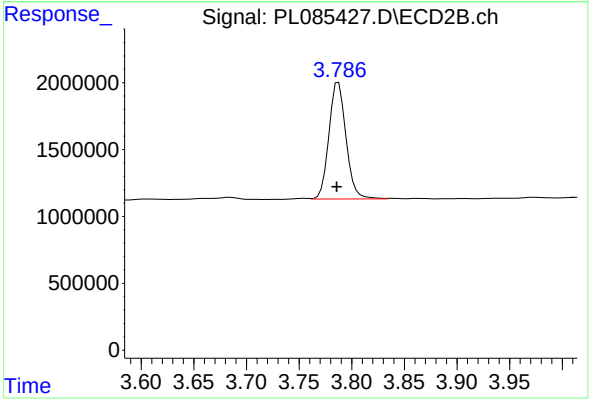
#5 Aldrin

R.T.: 4.120 min
Delta R.T.: 0.019 min
Response: 1947296
Conc: 0.83 ng/ml



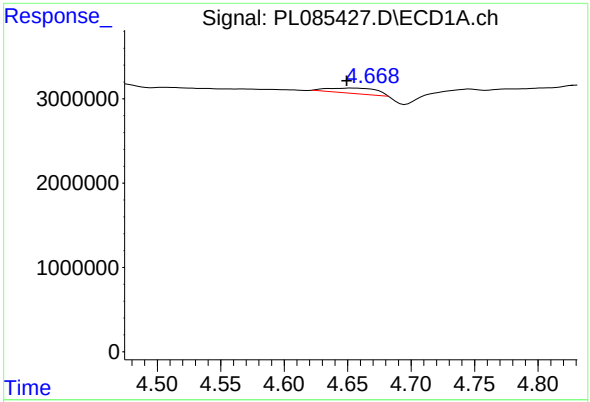
#6 beta-BHC

R.T.: 4.403 min
Delta R.T.: 0.000 min
Response: 22240943
Conc: 10.68 ng/ml



#6 beta-BHC

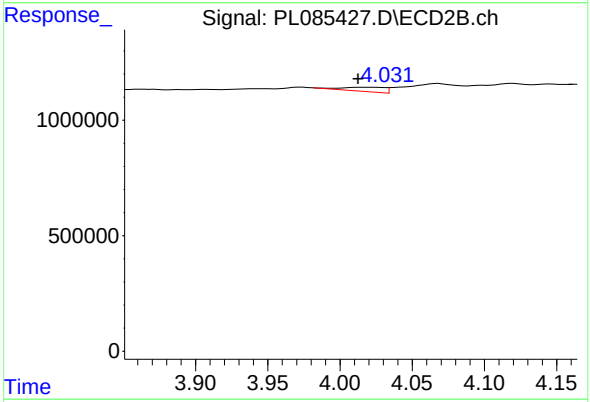
R.T.: 3.787 min
Delta R.T.: 0.002 min
Response: 9852607
Conc: 10.25 ng/ml



#7 delta-BHC

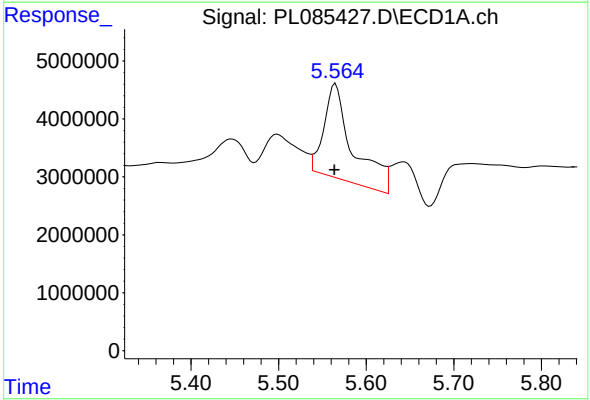
R.T.: 4.654 min
Delta R.T.: 0.005 min
Response: 1625992
Conc: 0.34 ng/ml

Instrument :
ECD_L
ClientSampleId :



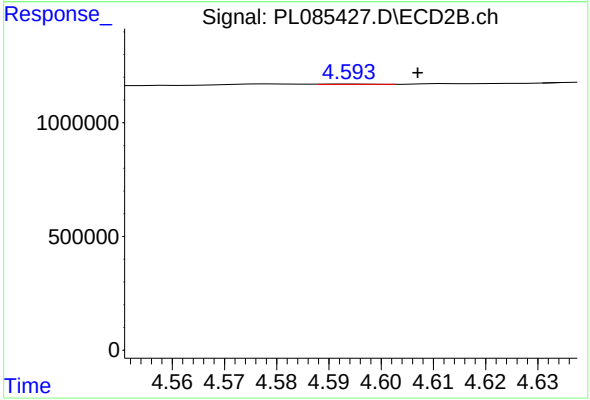
#7 delta-BHC

R.T.: 4.018 min
Delta R.T.: 0.005 min
Response: 388205
Conc: 0.17 ng/ml



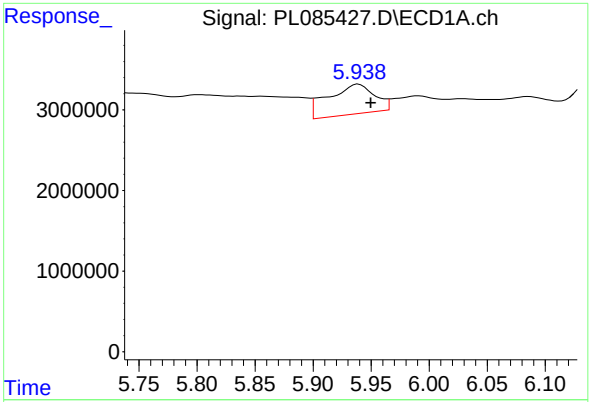
#8 Heptachlor epoxide

R.T.: 5.565 min
Delta R.T.: 0.001 min
Response: 37224978
Conc: 8.68 ng/ml



#8 Heptachlor epoxide

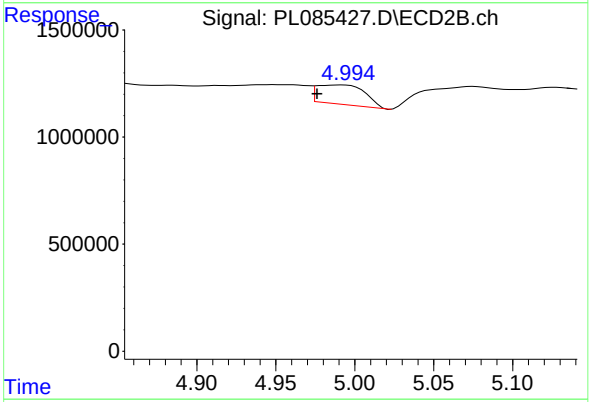
R.T.: 4.594 min
Delta R.T.: -0.013 min
Response: 12732
Conc: 0.01 ng/ml



#9 Endosulfan I

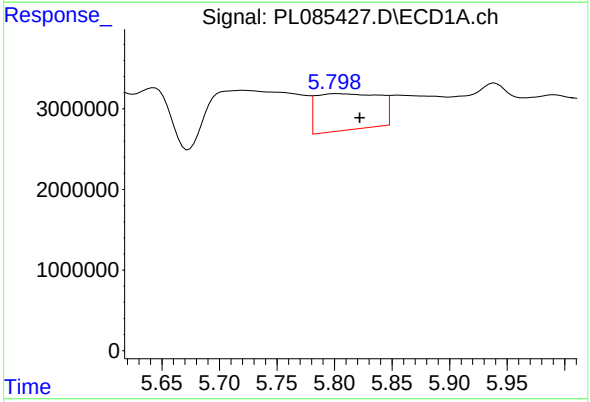
R.T.: 5.939 min
Delta R.T.: -0.011 min
Response: 10280590
Conc: 2.49 ng/ml

Instrument :
ECD_L
ClientSampleId :



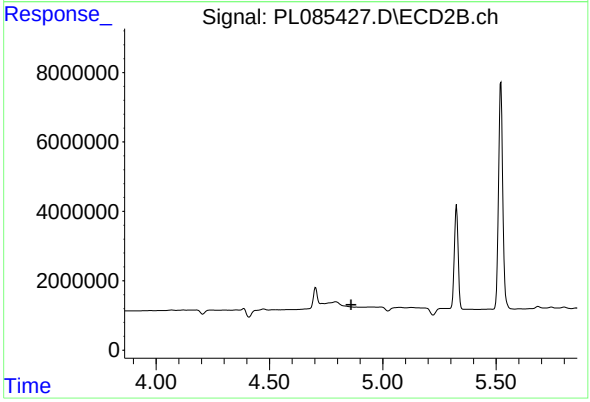
#9 Endosulfan I

R.T.: 4.992 min
Delta R.T.: 0.016 min
Response: 1916933
Conc: 2.27 ng/ml



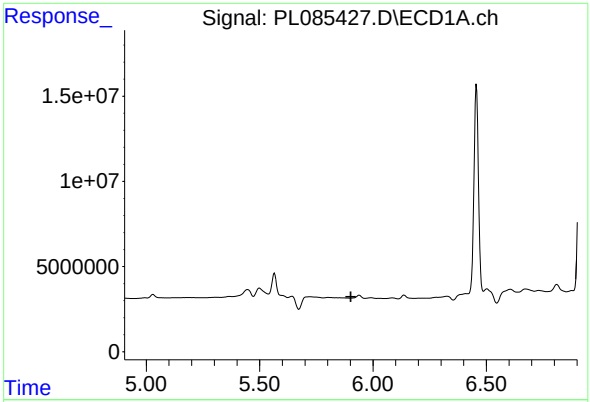
#10 gamma-Chlordane

R.T.: 5.801 min
Delta R.T.: -0.021 min
Response: 17277797
Conc: 3.94 ng/ml



#10 gamma-Chlordane

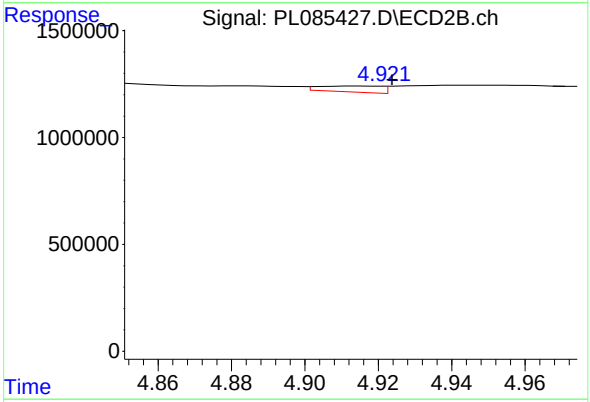
R.T.: 0.000 min
Exp R.T. : 4.860 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

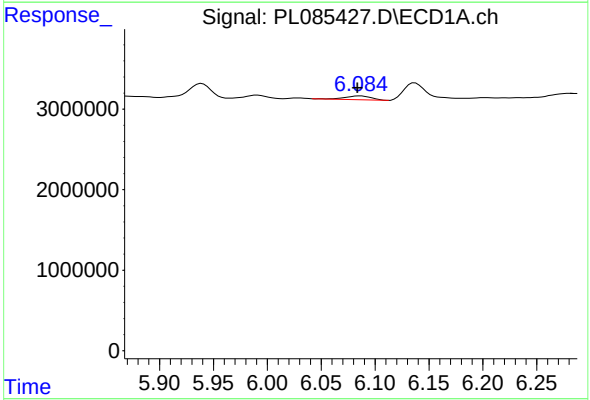
R.T.: 0.000 min
Exp R.T. : 5.902 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



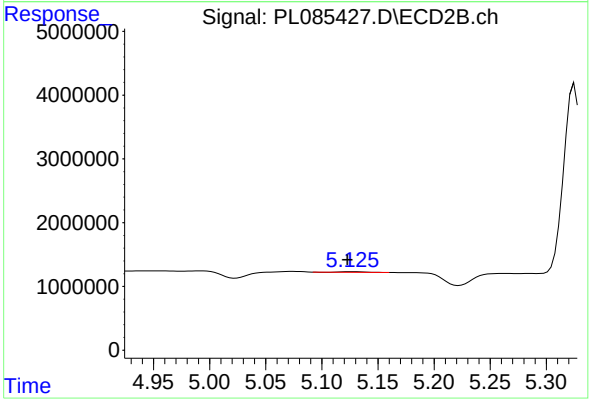
#11 alpha-Chlordane

R.T.: 4.914 min
Delta R.T.: -0.010 min
Response: 335054
Conc: 0.15 ng/ml



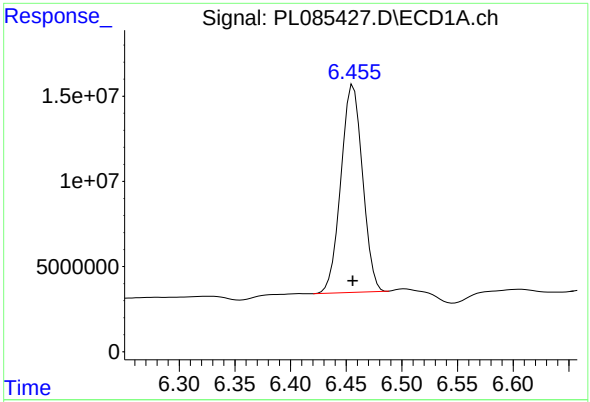
#12 4,4'-DDE

R.T.: 6.086 min
Delta R.T.: 0.002 min
Response: 800935
Conc: 0.20 ng/ml



#12 4,4'-DDE

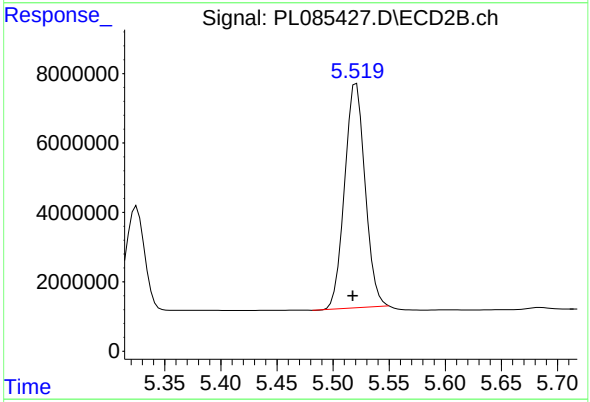
R.T.: 5.126 min
Delta R.T.: 0.003 min
Response: 113225
Conc: 0.06 ng/ml



#14 Endrin

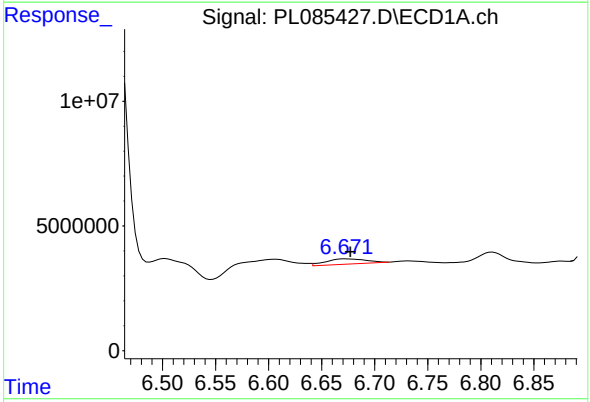
R.T.: 6.456 min
Delta R.T.: 0.000 min
Response: 165254033
Conc: 46.06 ng/ml

Instrument :
ECD_L
ClientSampleId :



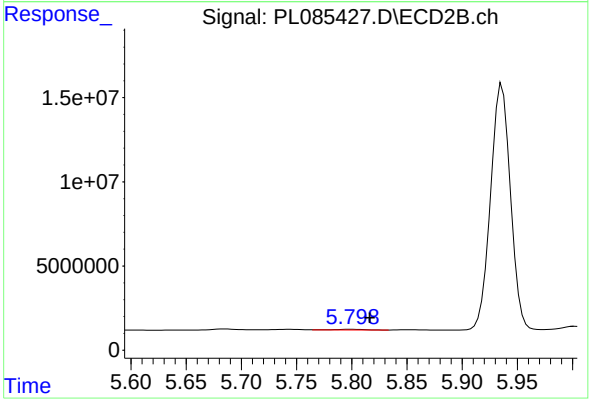
#14 Endrin

R.T.: 5.521 min
Delta R.T.: 0.003 min
Response: 82036083
Conc: 43.79 ng/ml



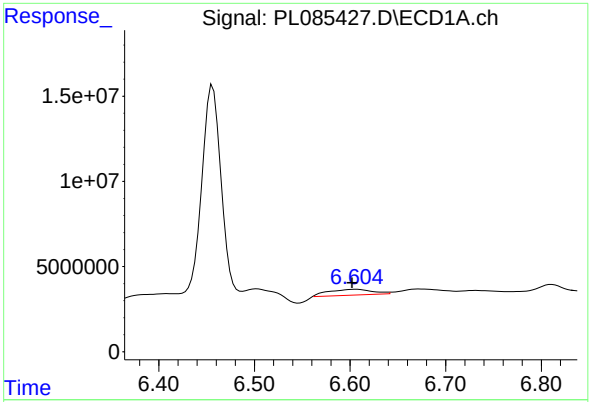
#15 Endosulfan II

R.T.: 6.673 min
Delta R.T.: -0.005 min
Response: 5537822
Conc: 1.40 ng/ml



#15 Endosulfan II

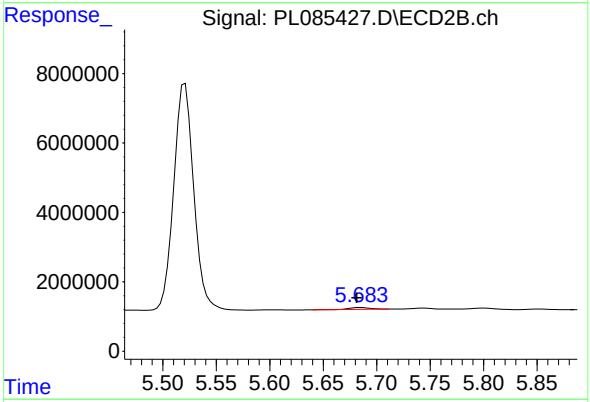
R.T.: 5.800 min
Delta R.T.: -0.016 min
Response: 683619
Conc: 0.35 ng/ml



#16 4,4'-DDD

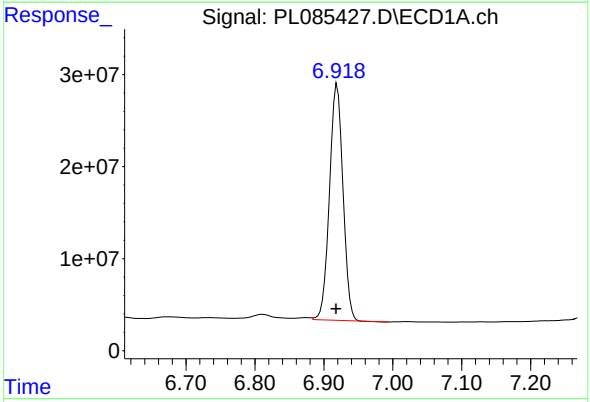
R.T.: 6.606 min
Delta R.T.: 0.004 min
Response: 10947206
Conc: 3.36 ng/ml

Instrument :
ECD_L
ClientSampleId :



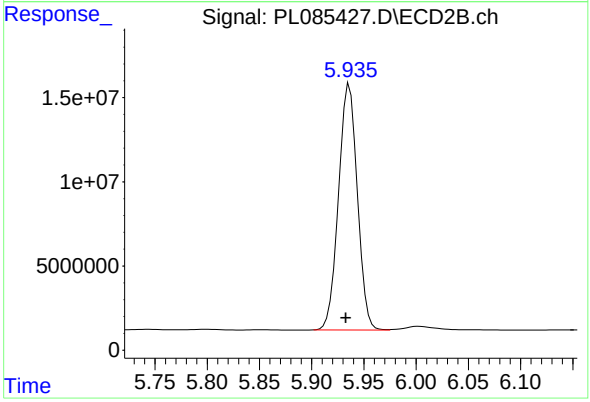
#16 4,4'-DDD

R.T.: 5.685 min
Delta R.T.: 0.004 min
Response: 711611
Conc: 0.41 ng/ml



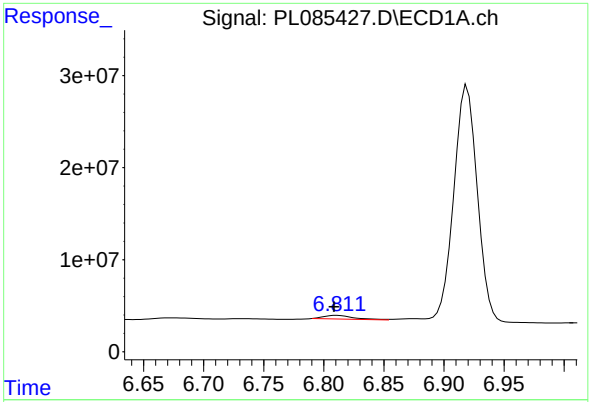
#17 4,4'-DDT

R.T.: 6.919 min
Delta R.T.: 0.002 min
Response: 348941372
Conc: 97.20 ng/ml



#17 4,4'-DDT

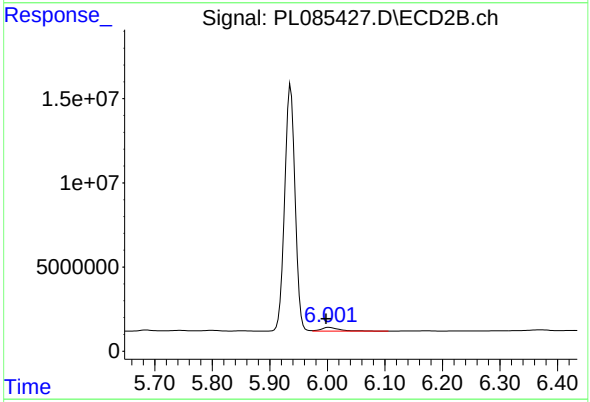
R.T.: 5.936 min
Delta R.T.: 0.004 min
Response: 183097422
Conc: 100.49 ng/ml



#18 Endrin aldehyde

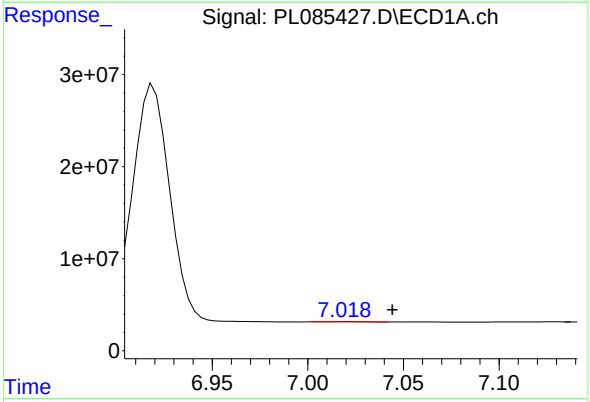
R.T.: 6.811 min
Delta R.T.: 0.003 min
Response: 7038577
Conc: 2.42 ng/ml

Instrument :
ECD_L
ClientSampleId :



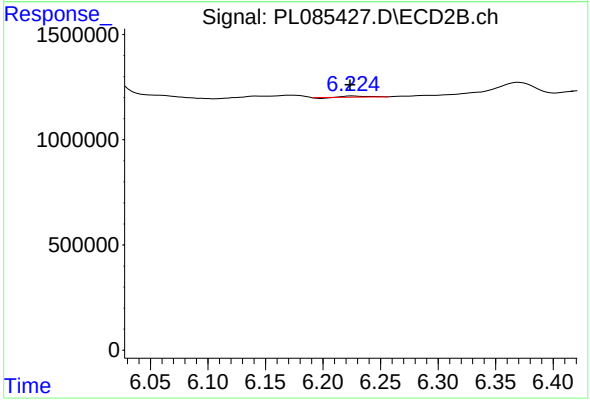
#18 Endrin aldehyde

R.T.: 6.003 min
Delta R.T.: 0.005 min
Response: 4685842
Conc: 2.96 ng/ml



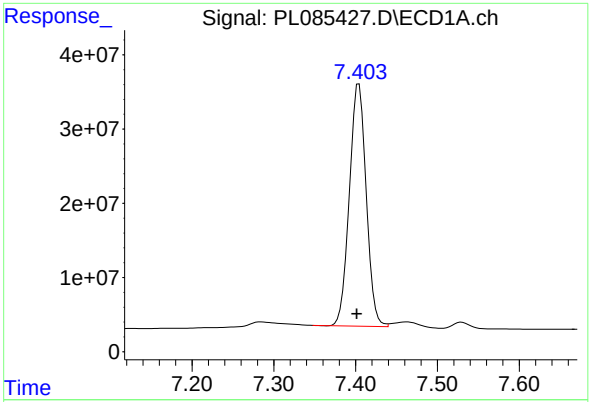
#19 Endosulfan Sulfate

R.T.: 7.019 min
Delta R.T.: -0.025 min
Response: 369546
Conc: 0.10 ng/ml



#19 Endosulfan Sulfate

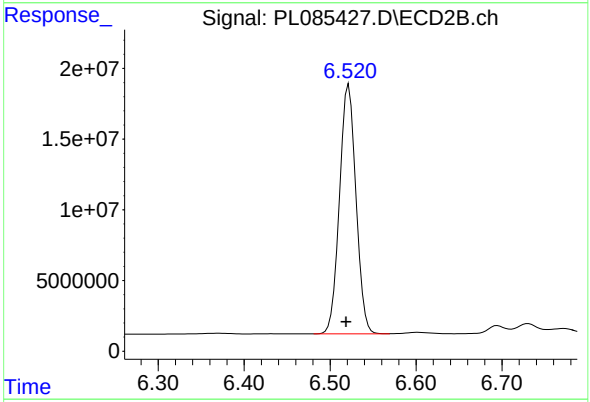
R.T.: 6.226 min
Delta R.T.: 0.002 min
Response: 42416
Conc: 0.02 ng/ml



#20 Methoxychlor

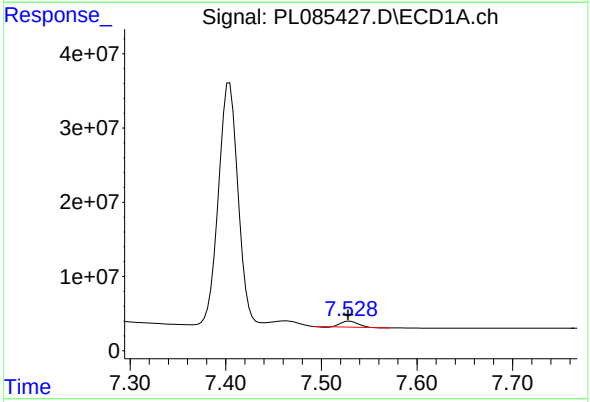
R.T.: 7.404 min
Delta R.T.: 0.003 min
Response: 465851372
Conc: 212.57 ng/ml

Instrument :
ECD_L
ClientSampleId :



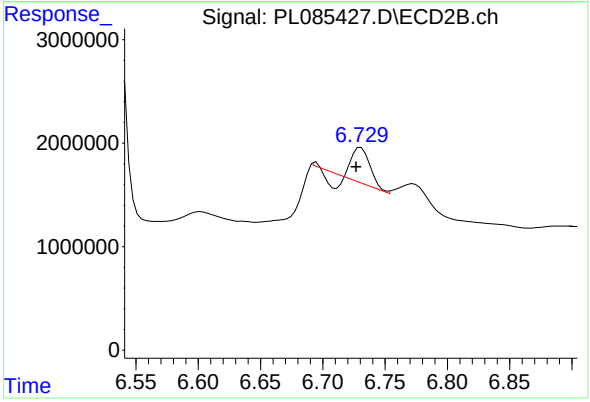
#20 Methoxychlor

R.T.: 6.522 min
Delta R.T.: 0.003 min
Response: 235314004
Conc: 221.83 ng/ml



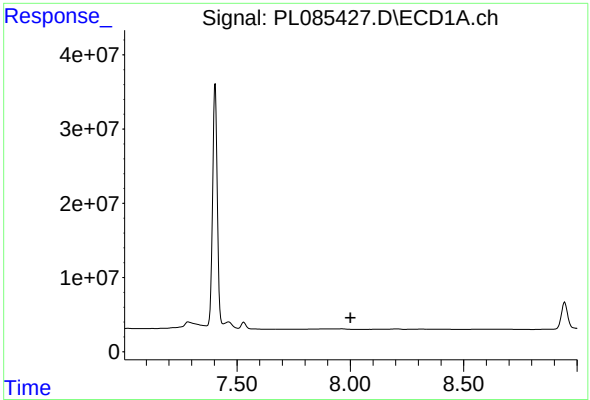
#21 Endrin ketone

R.T.: 7.530 min
Delta R.T.: 0.002 min
Response: 9610171
Conc: 2.37 ng/ml



#21 Endrin ketone

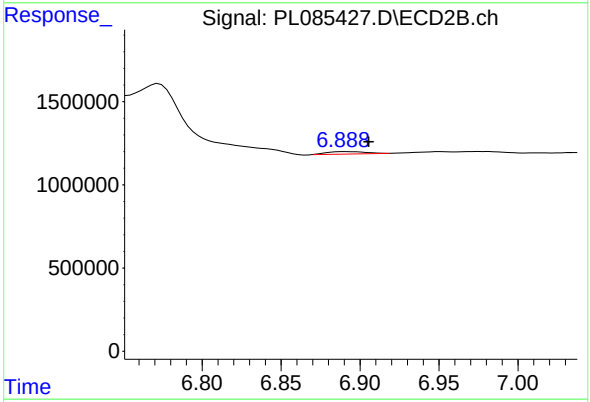
R.T.: 6.731 min
Delta R.T.: 0.004 min
Response: 2760585
Conc: 1.11 ng/ml



#22 Mirex

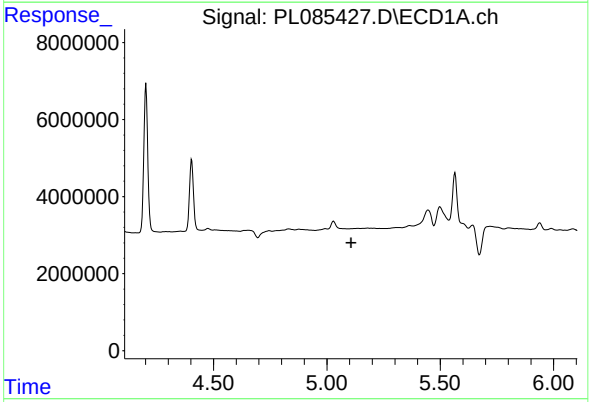
R.T.: 0.000 min
Exp R.T. : 8.001 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :



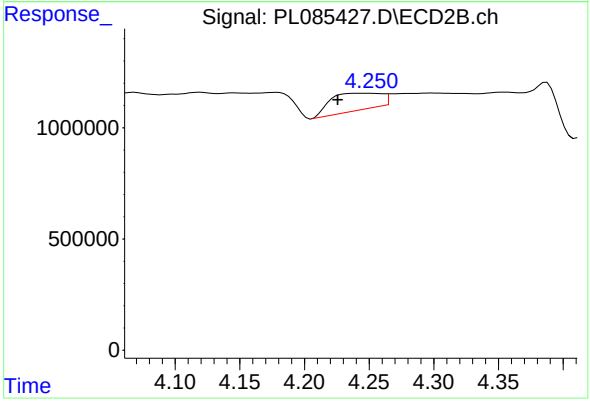
#22 Mirex

R.T.: 6.890 min
Delta R.T.: -0.016 min
Response: 248259
Conc: 0.14 ng/ml



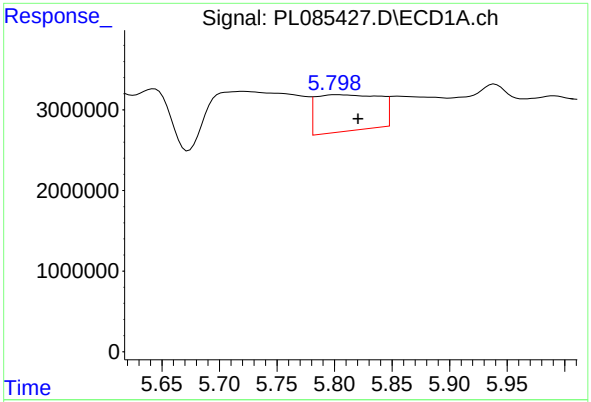
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T. : 5.106 min
Response: 0
Conc: N.D.



#24 Chlordane-2

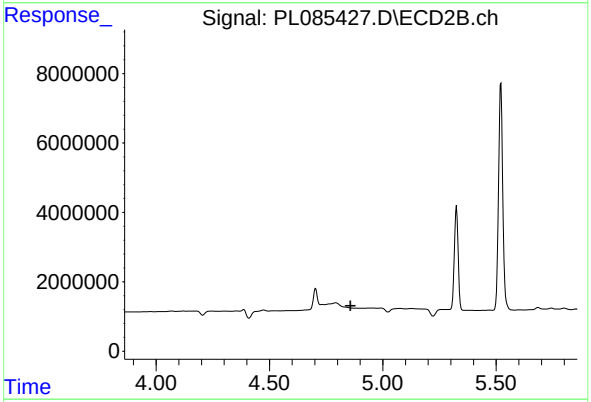
R.T.: 4.250 min
Delta R.T.: 0.025 min
Response: 2113762
Conc: 27.44 ng/ml



#25 Chlordane-3

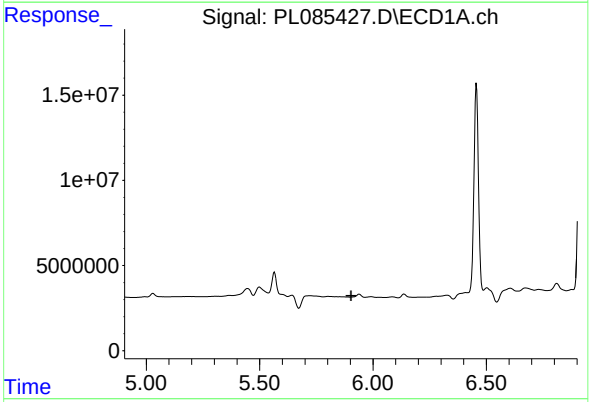
R.T.: 5.801 min
Delta R.T.: -0.019 min
Response: 17277797
Conc: 27.24 ng/ml

Instrument :
ECD_L
ClientSampleId :



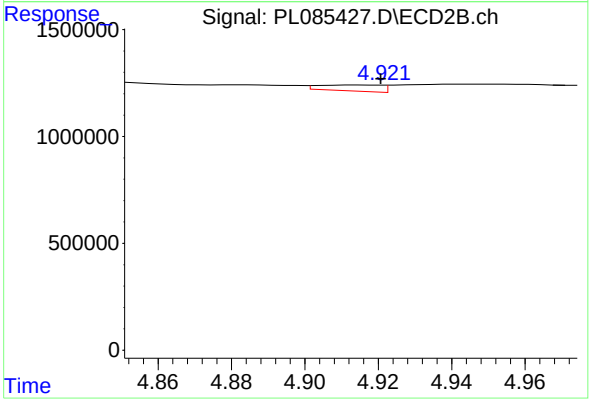
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 4.858 min
Response: 0
Conc: N.D.



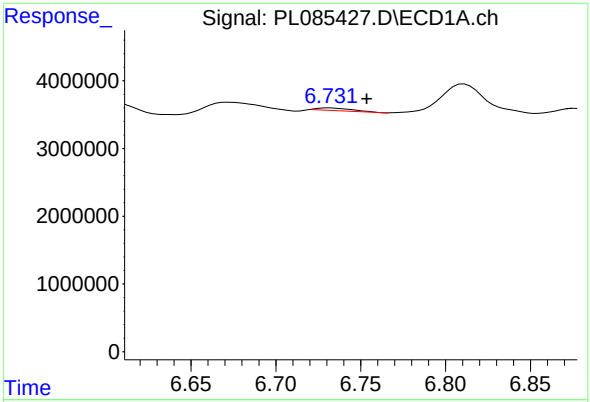
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.903 min
Response: 0
Conc: N.D.



#26 Chlordane-4

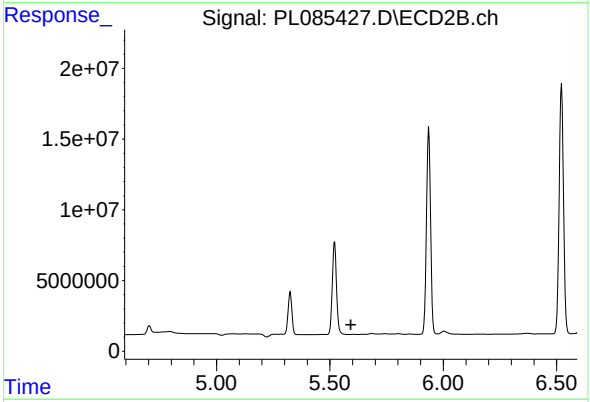
R.T.: 4.914 min
Delta R.T.: -0.006 min
Response: 335054
Conc: 1.48 ng/ml



#27 Chlordane-5

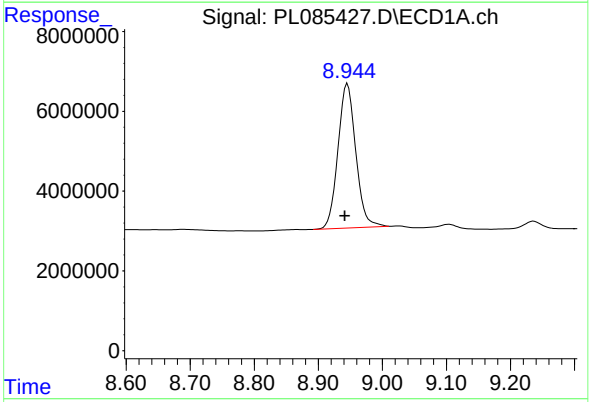
R.T.: 6.732 min
Delta R.T.: -0.022 min
Response: 546170
Conc: 4.15 ng/ml

Instrument :
ECD_L
ClientSampleId :



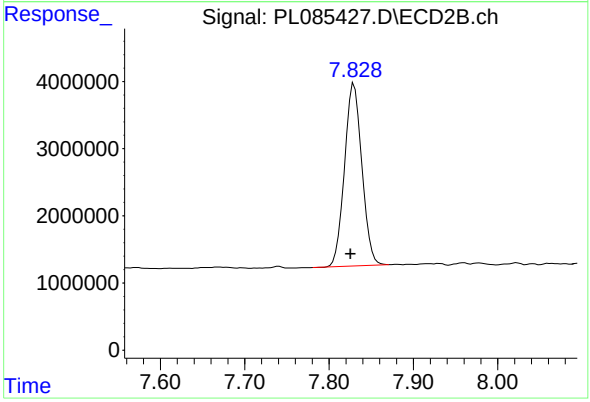
#27 Chlordane-5

R.T.: 5.603 min
Delta R.T.: 0.010 min
Response: -60212
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.946 min
Delta R.T.: 0.004 min
Response: 69850379
Conc: 20.52 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.830 min
Delta R.T.: 0.004 min
Response: 38919147
Conc: 19.88 ng/ml