Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
Data File : PL058477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2020 11:24
Operator : AJ\MA
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: May 02 00:38:09 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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...	3.456	3.954	255.2E6	51705934	23.982	23.922	
28)	SA Decachlor...	8.203	8.974	241.7E6	50493788	22.346	22.757	
	Target Compounds							
2)	A alpha-BHC	3.892	4.341	205.9E6	35667349	11.245	10.770	
3)	MA gamma-BHC...	4.176	4.623	184.6E6	35395746	10.691	10.698	
4)	MA Heptachlor	4.491f	5.137	1167128	249614	0.066	0.072	
5)	MB Aldrin	4.722	0.000	3710150	0	0.224	N.D.	#
6)	B beta-BHC	4.428	4.797	88851430	17218953	12.432	11.818	
7)	B delta-BHC	4.627	4.984f	681976	535396	0.040	0.213	#
8)	B Heptachlo...	5.169	5.811	15204150	3254653	1.001	1.017	
9)	A Endosulfan I	5.497	0.000	6154994	0	0.436	N.D.	#
10)	B gamma-Chl...	5.370f	6.069f	29272549	892495	1.901	0.264	#
11)	B alpha-Chl...	0.000	6.130f	0	2459547	N.D.	0.723	#
12)	B 4,4'-DDE	5.615	6.274	32232082	711842	2.132	0.233	#
13)	MA Dieldrin	5.744	0.000	133468	0	0.009	N.D.	#
14)	MA Endrin	6.005	6.637	772.5E6	143.2E6	56.831	55.713	
15)	B Endosulfa...	0.000	6.866f	0	2186162	N.D.	0.820	#
16)	A 4,4'-DDD	6.131	6.764	23267445	1806464	1.984	0.795	#
17)	MA 4,4'-DDT	6.371	7.061	1360.5E6	250.6E6	116.596	114.450	
18)	B Endrin al...	6.436	6.971	5807212	1079866	0.547	0.495	
19)	B Endosulfa...	6.672f	0.000	164569	0	0.014	N.D.	#
20)	A Methoxychlor	6.916	7.521	1578.9E6	318.1E6	265.734	256.660	
21)	B Endrin ke...	7.148	7.662	8307755	1882137	0.701	0.772	
24)	Chlordane-2	4.816	0.000	7035893	0	16.942	N.D.	#
25)	Chlordane-3	5.370f	6.069f	29272549	892495	22.287	2.231	#
26)	Chlordane-4	0.000	6.130	0	2459547	N.D.	5.060	#
27)	Chlordane-5	0.000	6.933f	0	1468905	N.D.	19.619	#

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

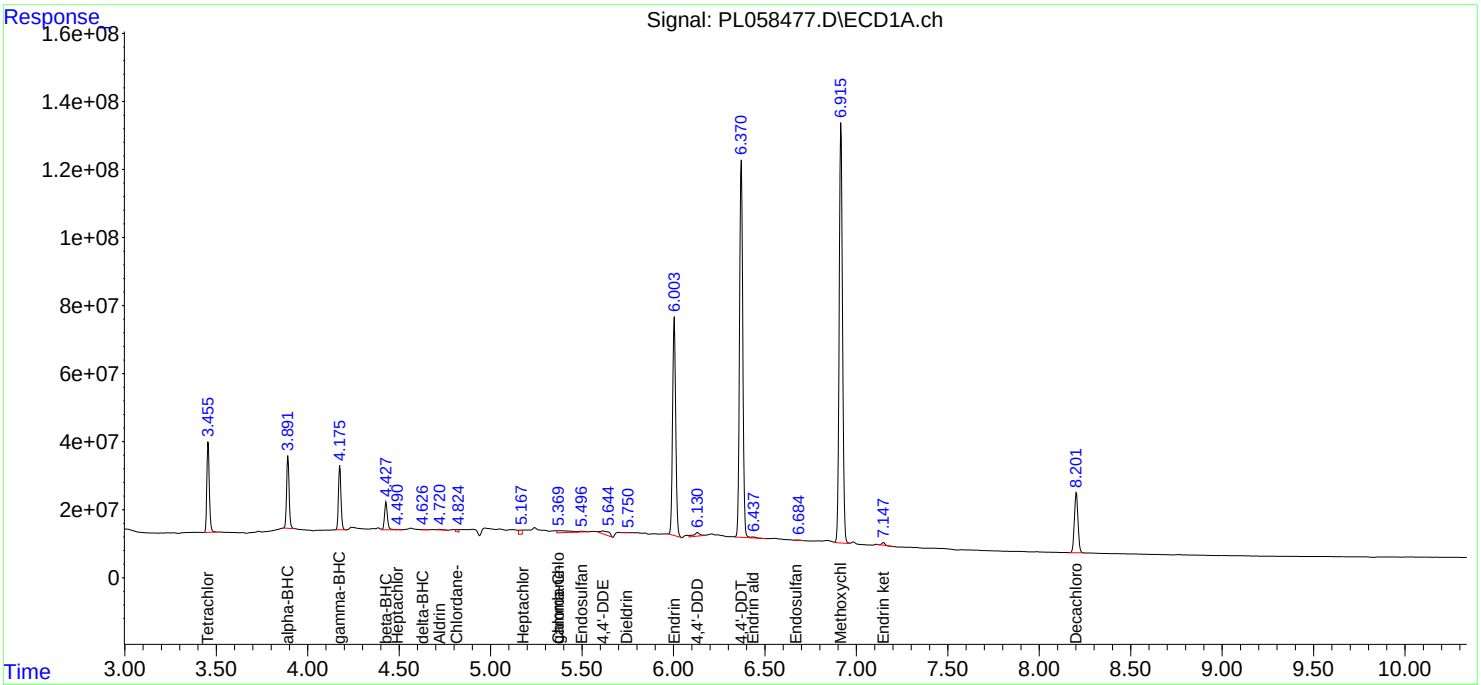
Quantitation Report (Not Reviewed)

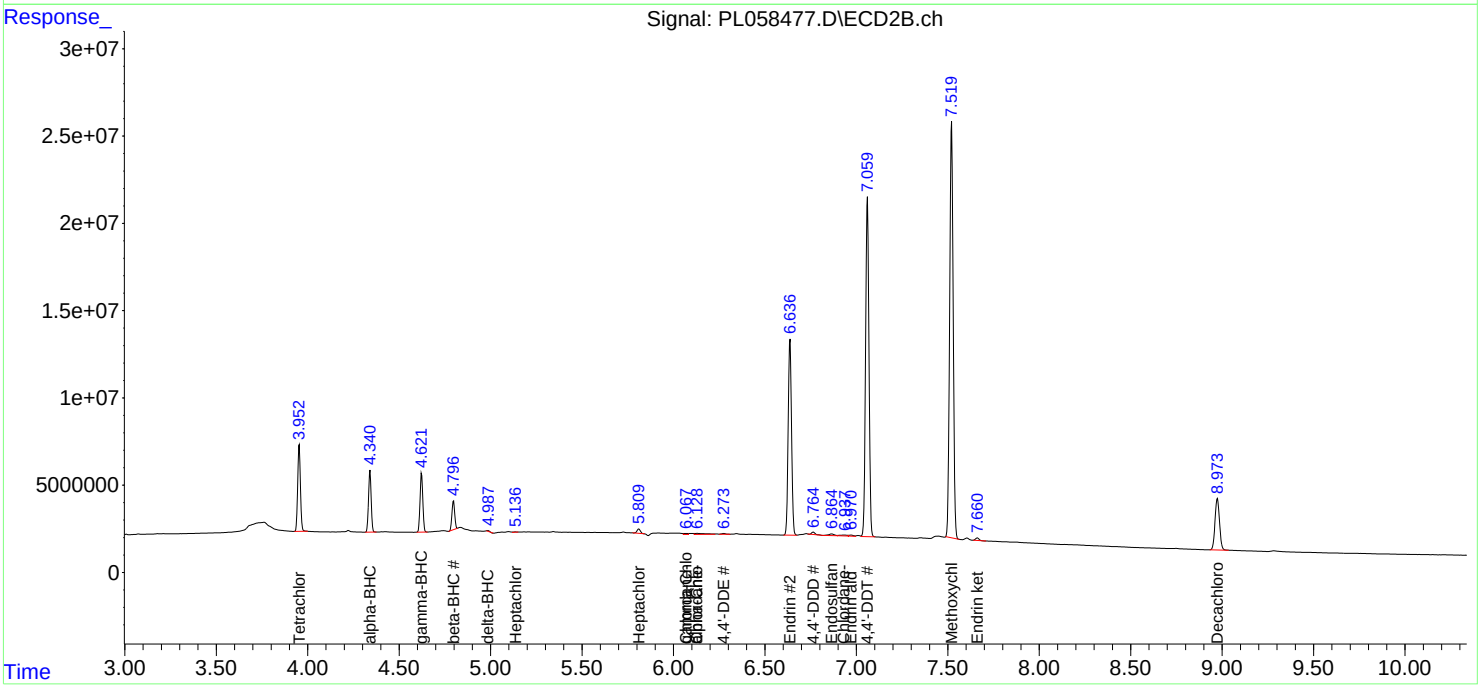
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL050120\
Data File : PL058477.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 May 2020 11:24
Operator : AJ\MA
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

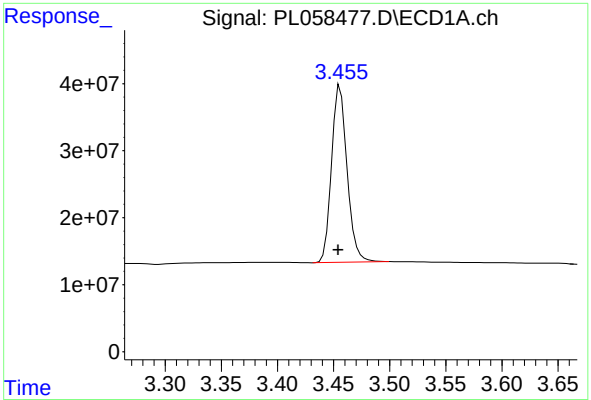
Instrument :
ECD_L
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 02 00:38:09 2020
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042820.M
Quant Title : GC Extractables
QLast Update : Wed Apr 29 00:55:33 2020
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



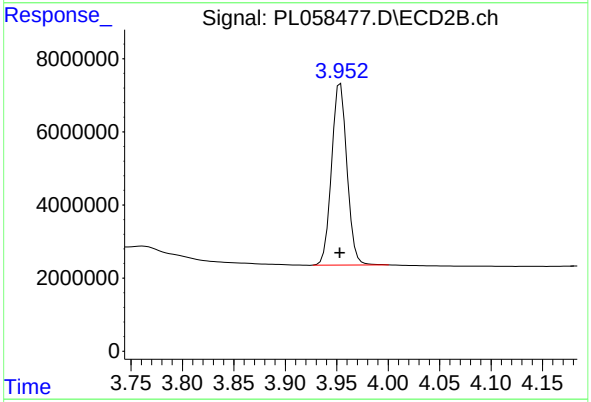




#1 Tetrachloro-m-xylene

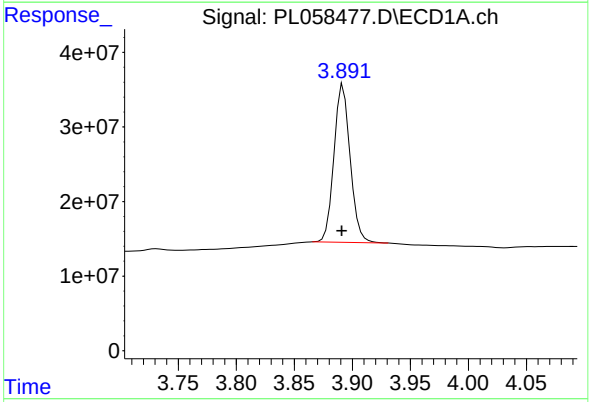
R.T.: 3.456 min
Delta R.T.: 0.002 min
Response: 255216908
Conc: 23.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



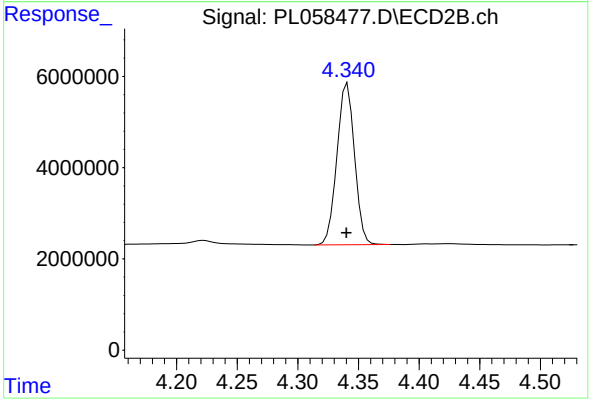
#1 Tetrachloro-m-xylene

R.T.: 3.954 min
Delta R.T.: 0.000 min
Response: 51705934
Conc: 23.92 ng/ml



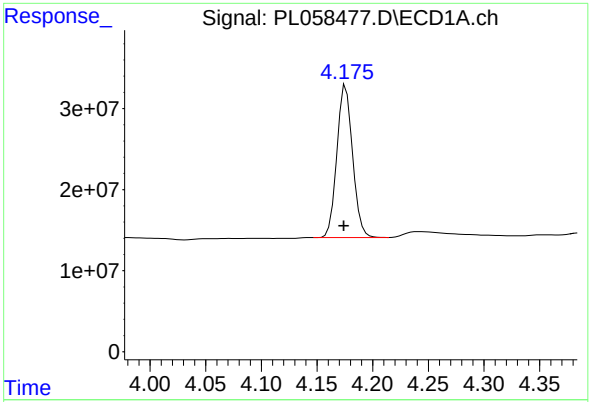
#2 alpha-BHC

R.T.: 3.892 min
Delta R.T.: 0.001 min
Response: 205943742
Conc: 11.25 ng/ml



#2 alpha-BHC

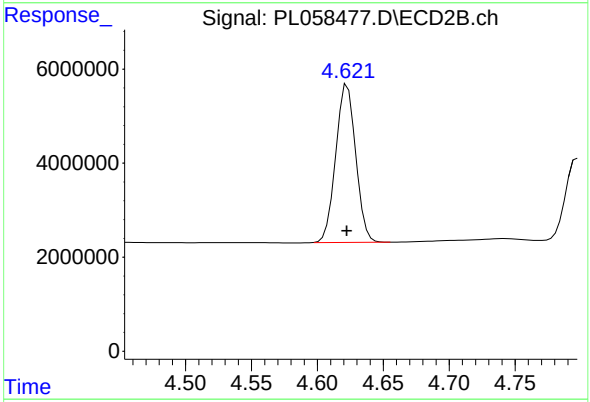
R.T.: 4.341 min
Delta R.T.: 0.000 min
Response: 35667349
Conc: 10.77 ng/ml



#3 gamma-BHC (Lindane)

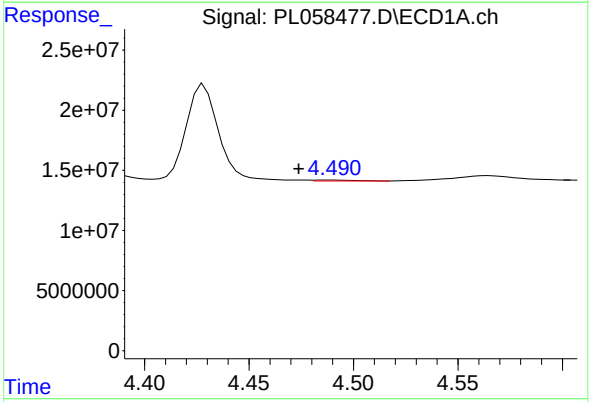
R.T.: 4.176 min
Delta R.T.: 0.002 min
Response: 184555169
Conc: 10.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



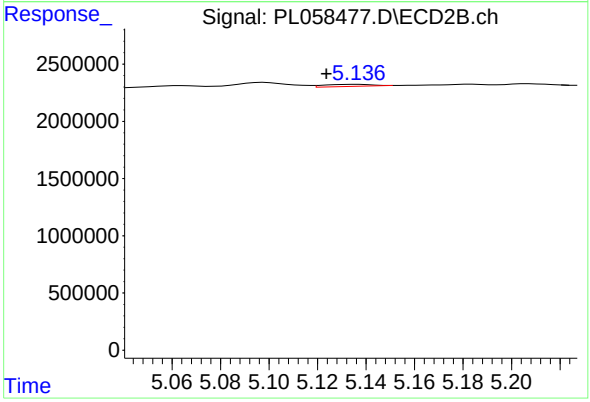
#3 gamma-BHC (Lindane)

R.T.: 4.623 min
Delta R.T.: 0.000 min
Response: 35395746
Conc: 10.70 ng/ml



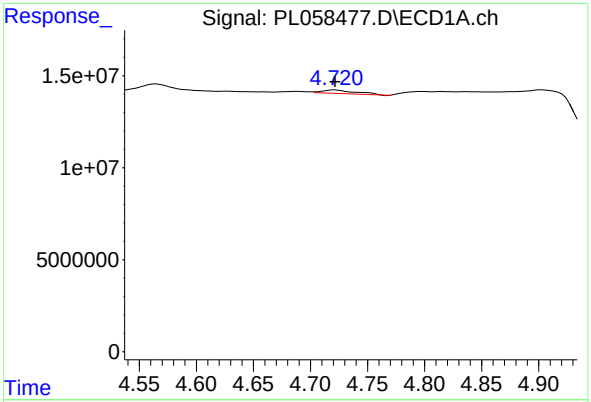
#4 Heptachlor

R.T.: 4.491 min
Delta R.T.: 0.017 min
Response: 1167128
Conc: 0.07 ng/ml



#4 Heptachlor

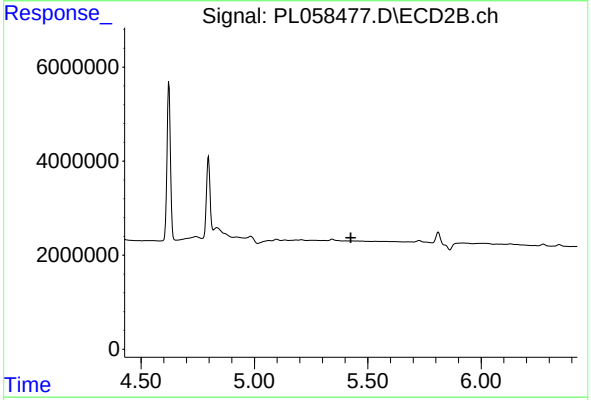
R.T.: 5.137 min
Delta R.T.: 0.013 min
Response: 249614
Conc: 0.07 ng/ml



#5 Aldrin

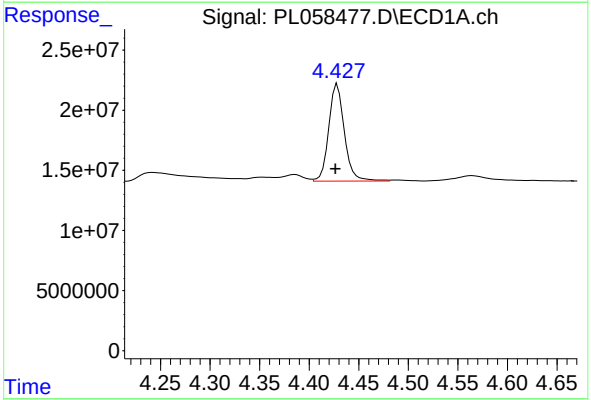
R.T.: 4.722 min
Delta R.T.: 0.000 min
Response: 3710150
Conc: 0.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



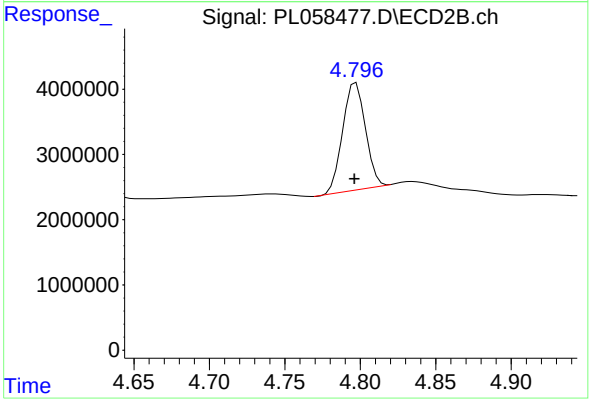
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.425 min
Response: 0
Conc: N.D.



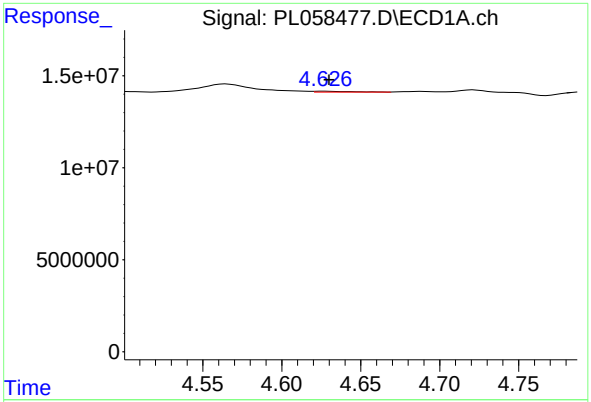
#6 beta-BHC

R.T.: 4.428 min
Delta R.T.: 0.002 min
Response: 88851430
Conc: 12.43 ng/ml



#6 beta-BHC

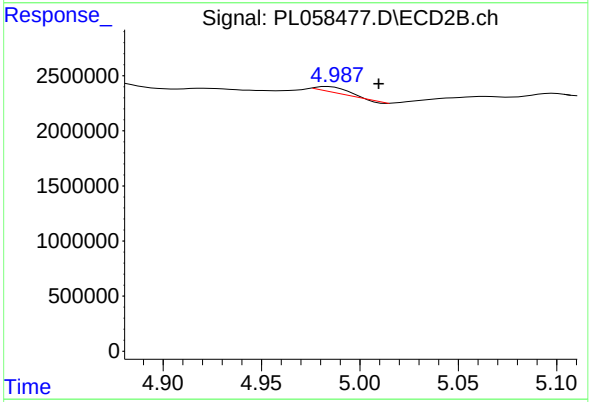
R.T.: 4.797 min
Delta R.T.: 0.001 min
Response: 17218953
Conc: 11.82 ng/ml



#7 delta-BHC

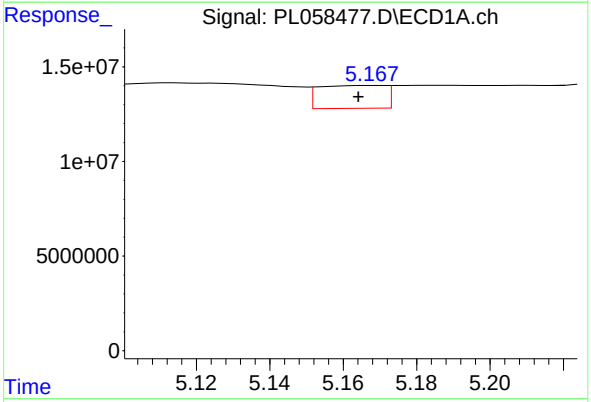
R.T.: 4.627 min
Delta R.T.: -0.003 min
Response: 681976
Conc: 0.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



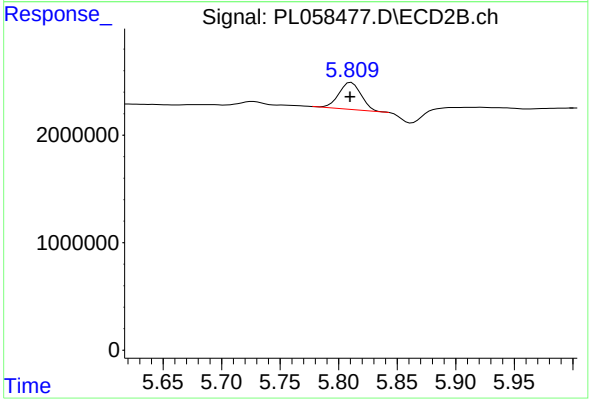
#7 delta-BHC

R.T.: 4.984 min
Delta R.T.: -0.026 min
Response: 535396
Conc: 0.21 ng/ml



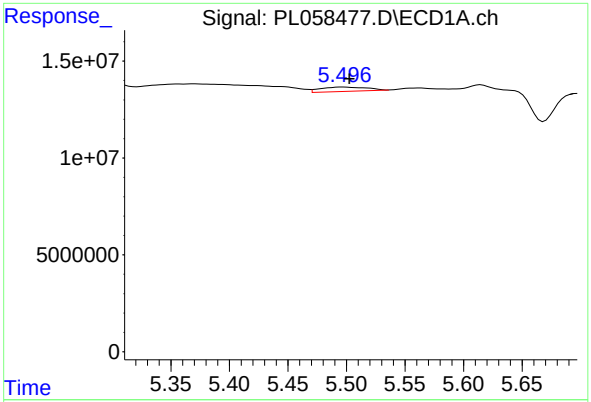
#8 Heptachlor epoxide

R.T.: 5.169 min
Delta R.T.: 0.005 min
Response: 15204150
Conc: 1.00 ng/ml



#8 Heptachlor epoxide

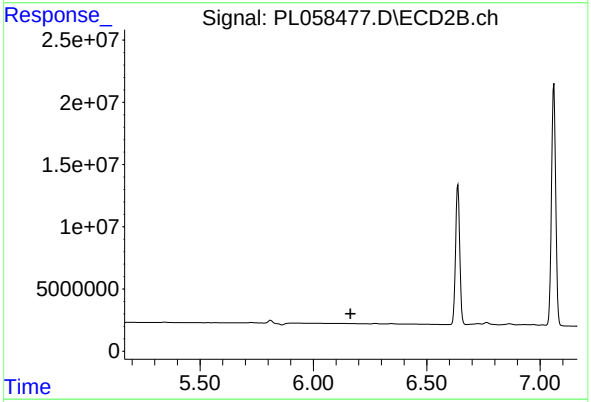
R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 3254653
Conc: 1.02 ng/ml



#9 Endosulfan I

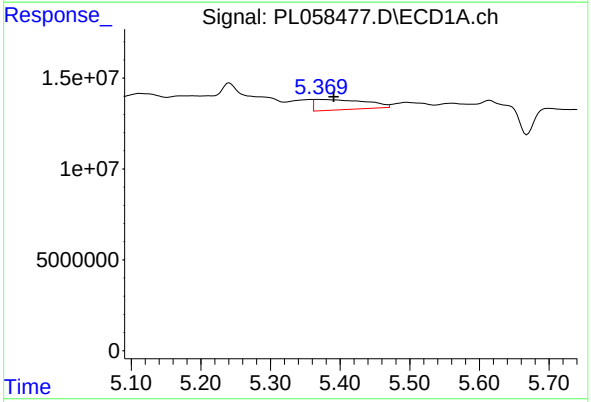
R.T.: 5.497 min
Delta R.T.: -0.006 min
Response: 6154994
Conc: 0.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



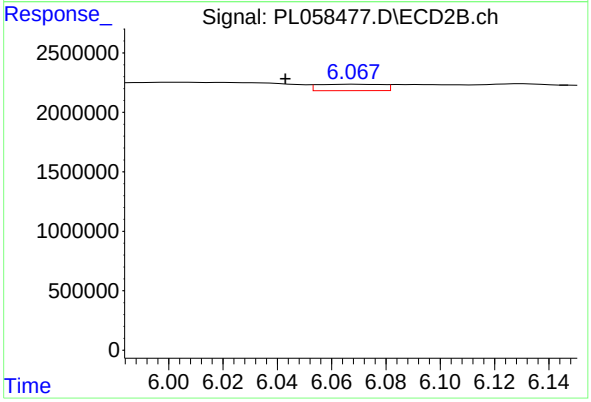
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.164 min
Response: 0
Conc: N.D.



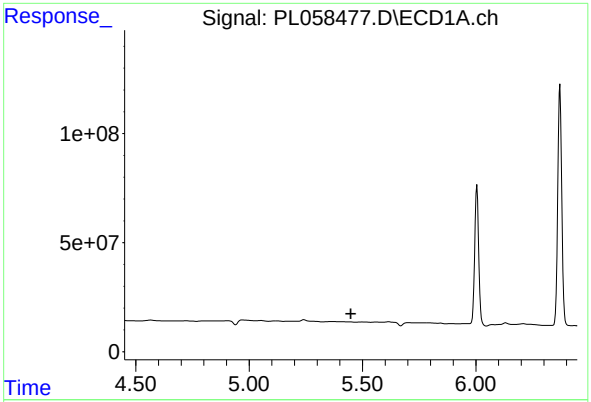
#10 gamma-Chlordane

R.T.: 5.370 min
Delta R.T.: -0.021 min
Response: 29272549
Conc: 1.90 ng/ml



#10 gamma-Chlordane

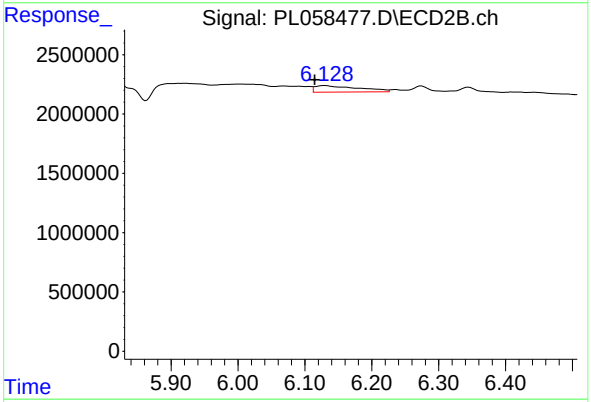
R.T.: 6.069 min
Delta R.T.: 0.026 min
Response: 892495
Conc: 0.26 ng/ml



#11 alpha-Chlordane

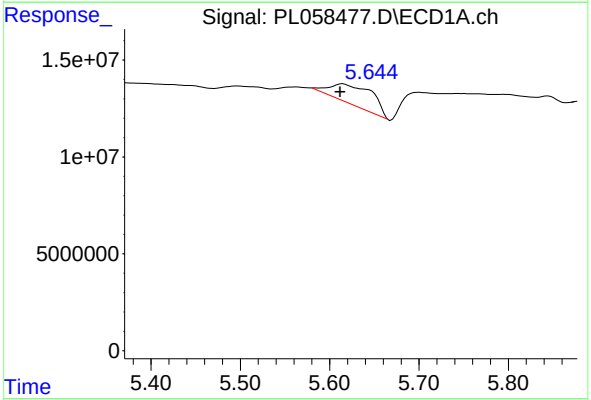
R.T.: 0.000 min
Exp R.T. : 5.449 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



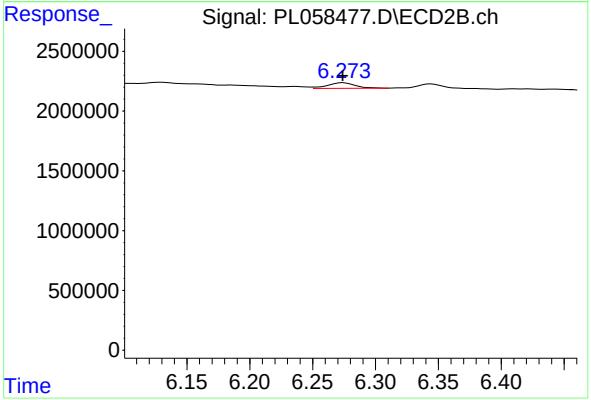
#11 alpha-Chlordane

R.T.: 6.130 min
Delta R.T.: 0.015 min
Response: 2459547
Conc: 0.72 ng/ml



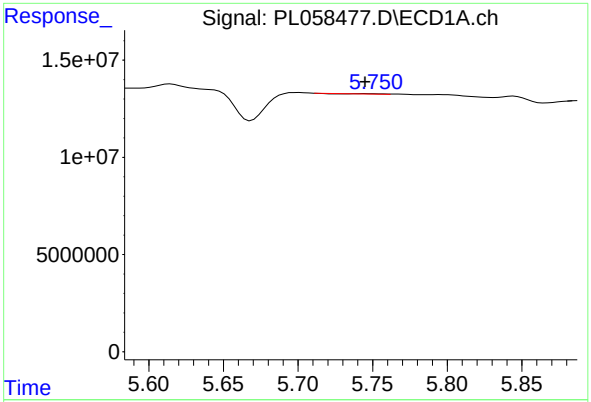
#12 4,4'-DDE

R.T.: 5.615 min
Delta R.T.: 0.003 min
Response: 32232082
Conc: 2.13 ng/ml



#12 4,4'-DDE

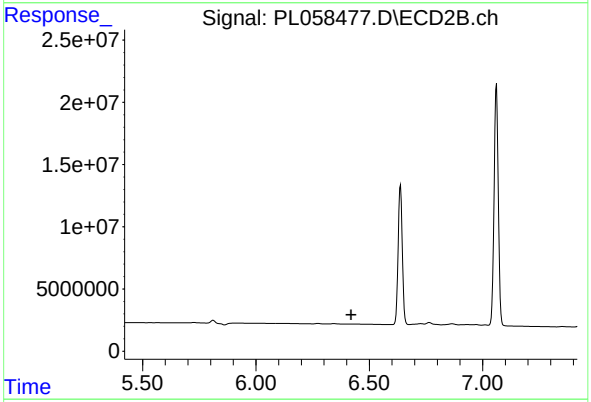
R.T.: 6.274 min
Delta R.T.: 0.000 min
Response: 711842
Conc: 0.23 ng/ml



#13 Dieldrin

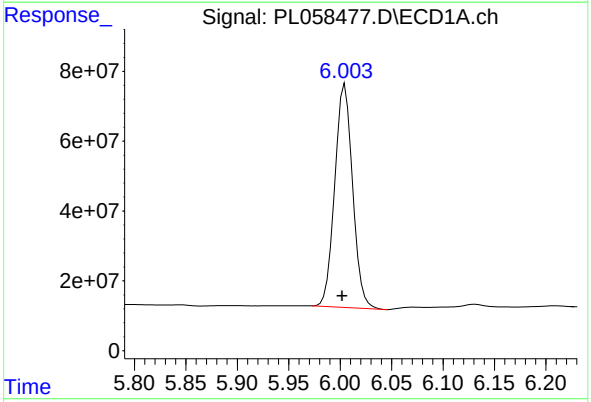
R.T.: 5.744 min
Delta R.T.: 0.000 min
Response: 133468
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



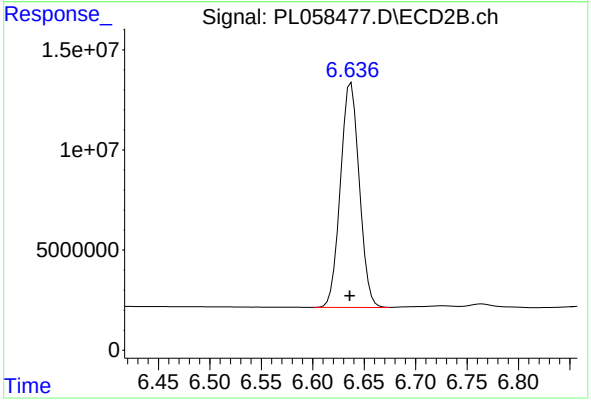
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.420 min
Response: 0
Conc: N.D.



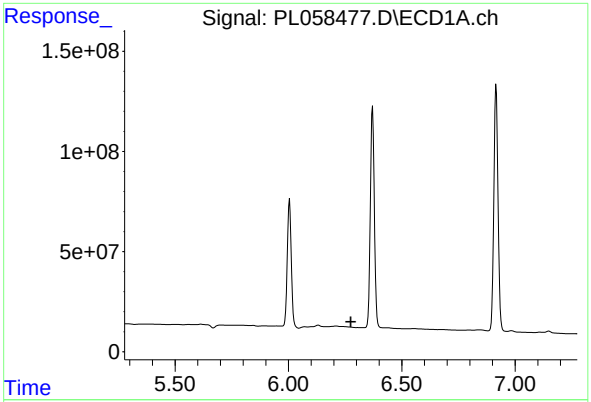
#14 Endrin

R.T.: 6.005 min
Delta R.T.: 0.003 min
Response: 772539091
Conc: 56.83 ng/ml



#14 Endrin

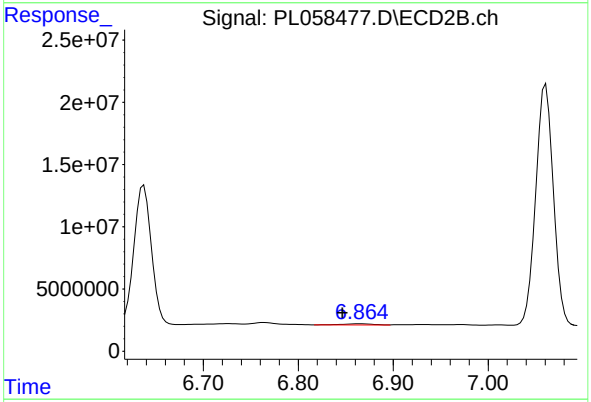
R.T.: 6.637 min
Delta R.T.: 0.001 min
Response: 143240208
Conc: 55.71 ng/ml



#15 Endosulfan II

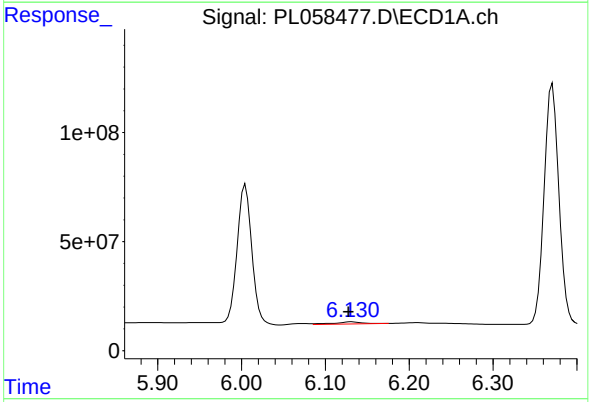
R.T.: 0.000 min
Exp R.T. : 6.275 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



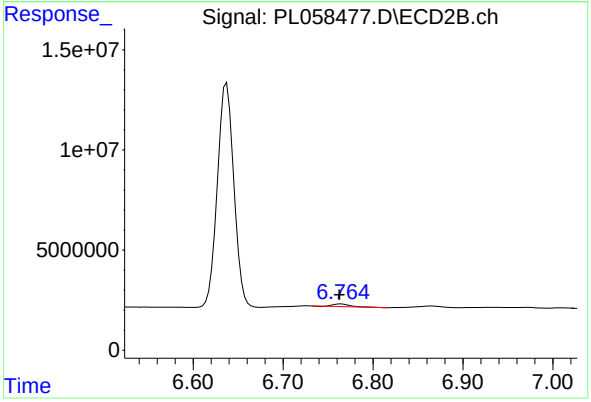
#15 Endosulfan II

R.T.: 6.866 min
Delta R.T.: 0.019 min
Response: 2186162
Conc: 0.82 ng/ml



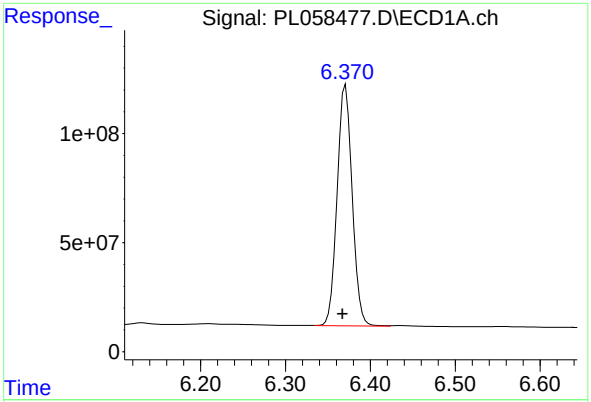
#16 4,4'-DDD

R.T.: 6.131 min
Delta R.T.: 0.003 min
Response: 23267445
Conc: 1.98 ng/ml



#16 4,4'-DDD

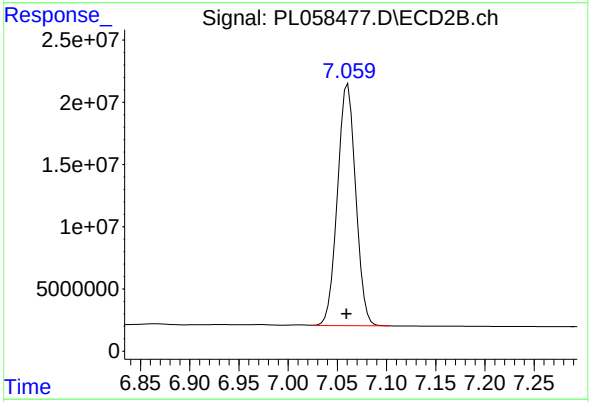
R.T.: 6.764 min
Delta R.T.: 0.002 min
Response: 1806464
Conc: 0.79 ng/ml



#17 4,4'-DDT

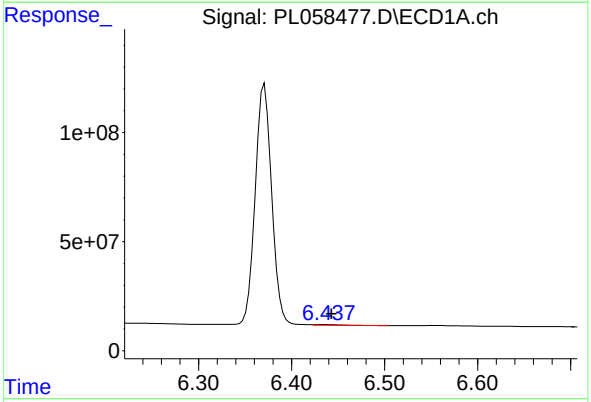
R.T.: 6.371 min
Delta R.T.: 0.004 min
Response: 1360530807
Conc: 116.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



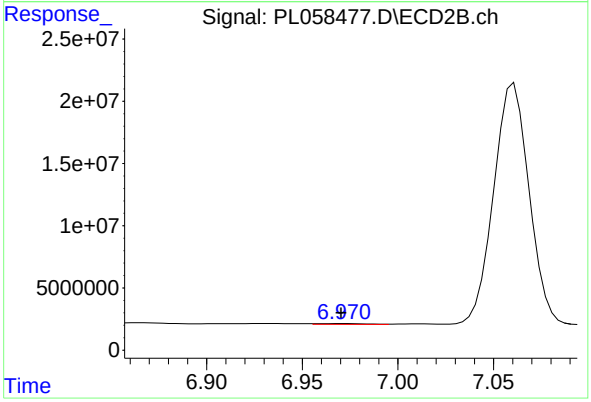
#17 4,4'-DDT

R.T.: 7.061 min
Delta R.T.: 0.001 min
Response: 250603448
Conc: 114.45 ng/ml



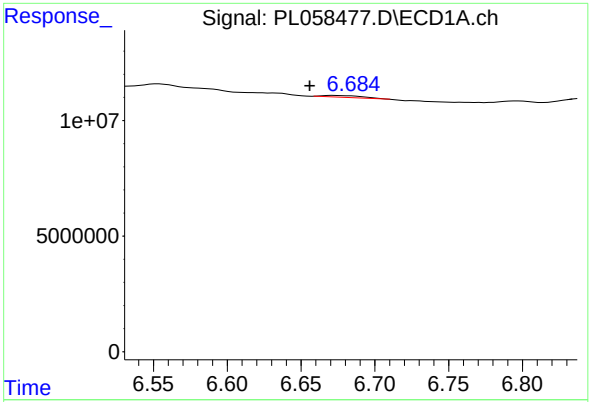
#18 Endrin aldehyde

R.T.: 6.436 min
Delta R.T.: -0.007 min
Response: 5807212
Conc: 0.55 ng/ml



#18 Endrin aldehyde

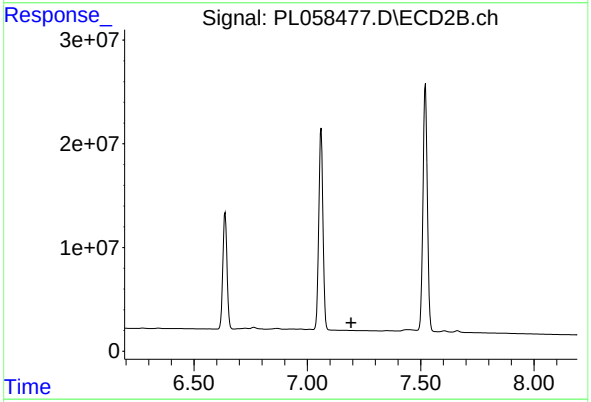
R.T.: 6.971 min
Delta R.T.: 0.001 min
Response: 1079866
Conc: 0.50 ng/ml



#19 Endosulfan Sulfate

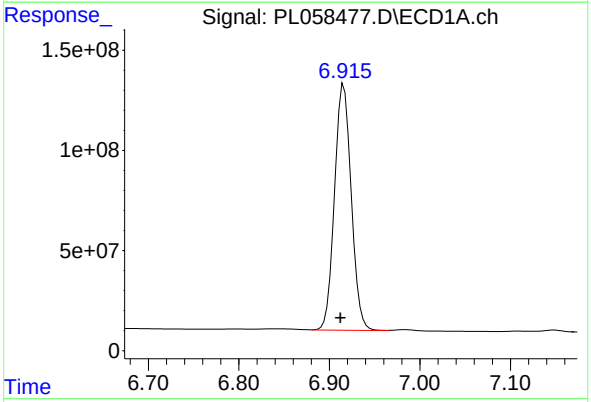
R.T.: 6.672 min
Delta R.T.: 0.016 min
Response: 164569
Conc: 0.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



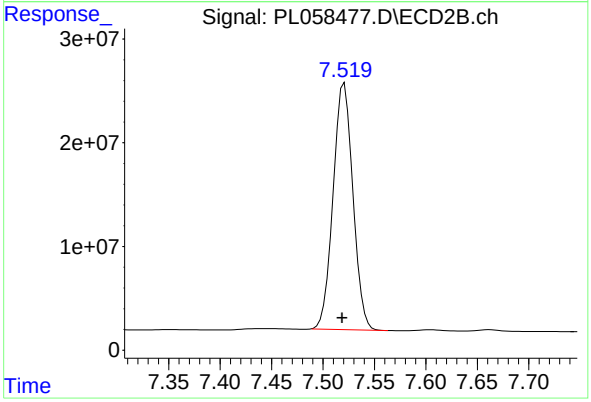
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.193 min
Response: 0
Conc: N.D.



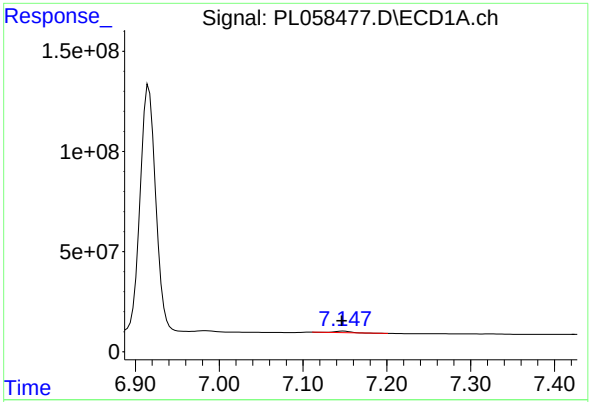
#20 Methoxychlor

R.T.: 6.916 min
Delta R.T.: 0.004 min
Response: 1578915306
Conc: 265.73 ng/ml



#20 Methoxychlor

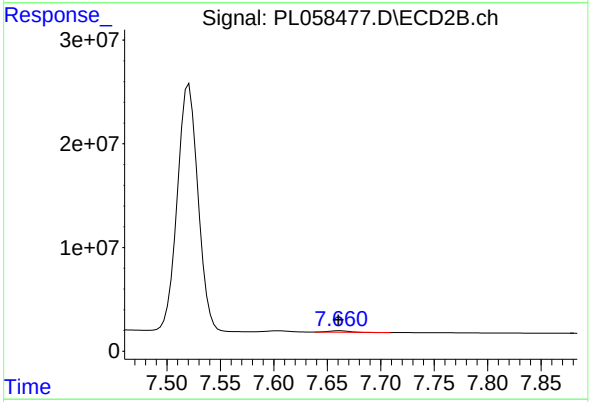
R.T.: 7.521 min
Delta R.T.: 0.002 min
Response: 318113996
Conc: 256.66 ng/ml



#21 Endrin ketone

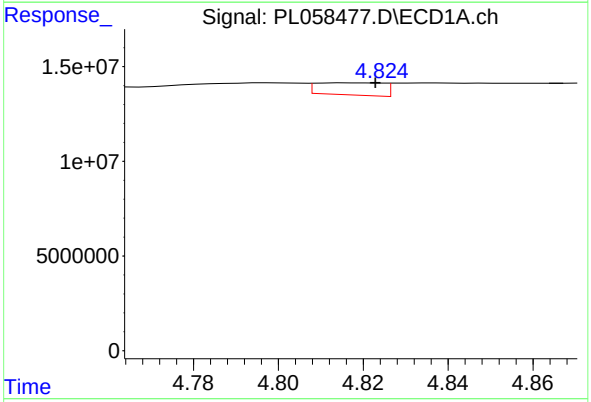
R.T.: 7.148 min
Delta R.T.: 0.002 min
Response: 8307755
Conc: 0.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



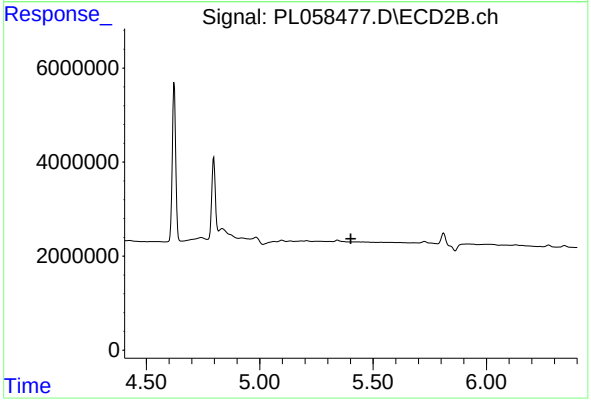
#21 Endrin ketone

R.T.: 7.662 min
Delta R.T.: 0.001 min
Response: 1882137
Conc: 0.77 ng/ml



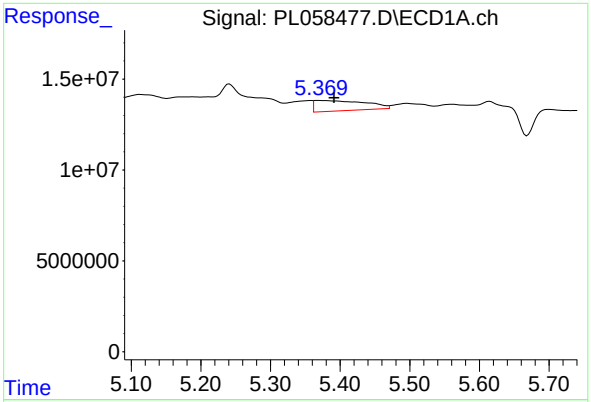
#24 Chlordane-2

R.T.: 4.816 min
Delta R.T.: -0.007 min
Response: 7035893
Conc: 16.94 ng/ml



#24 Chlordane-2

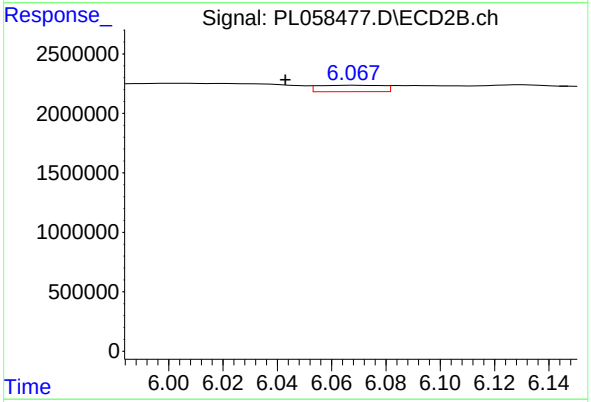
R.T.: 0.000 min
Exp R.T. : 5.402 min
Response: 0
Conc: N.D.



#25 Chlordane-3

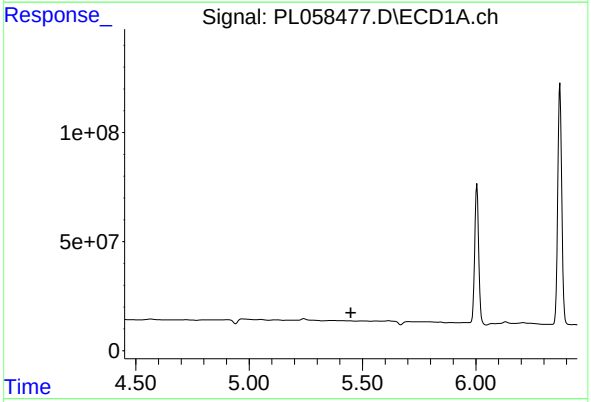
R.T.: 5.370 min
Delta R.T.: -0.021 min
Response: 29272549
Conc: 22.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM



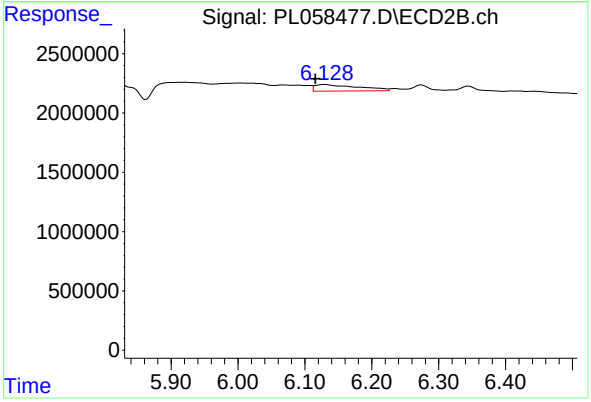
#25 Chlordane-3

R.T.: 6.069 min
Delta R.T.: 0.026 min
Response: 892495
Conc: 2.23 ng/ml



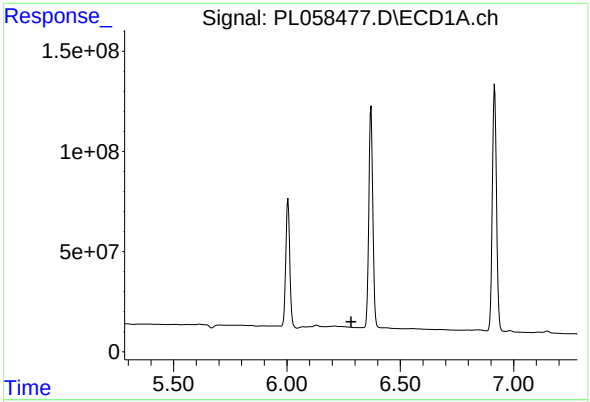
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.448 min
Response: 0
Conc: N.D.



#26 Chlordane-4

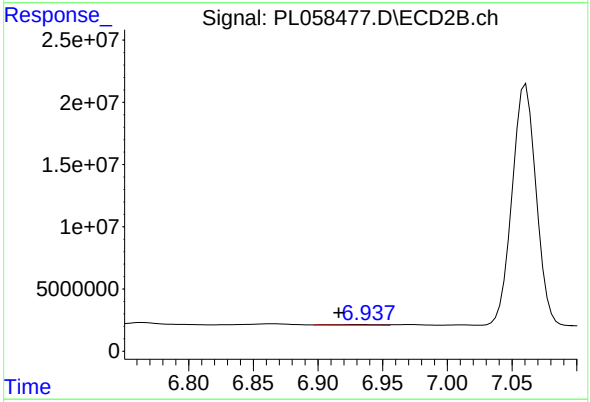
R.T.: 6.130 min
Delta R.T.: 0.014 min
Response: 2459547
Conc: 5.06 ng/ml



#27 Chlordane-5

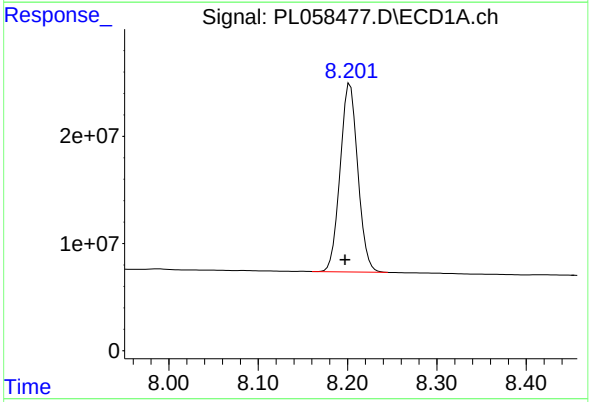
R.T.: 0.000 min
Exp R.T. : 6.283 min
Response: 0
Conc: N.D.

Instrument :
ECD_L
ClientSampleId :
PEM



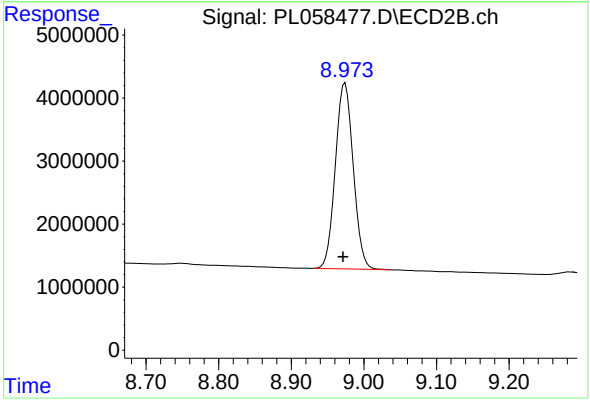
#27 Chlordane-5

R.T.: 6.933 min
Delta R.T.: 0.017 min
Response: 1468905
Conc: 19.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.203 min
Delta R.T.: 0.005 min
Response: 241665314
Conc: 22.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.974 min
Delta R.T.: 0.003 min
Response: 50493788
Conc: 22.76 ng/ml