Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
Data File : PL073752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2022 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_P
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 01:41:49 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	5.491	6675307	37029764	20.842	22.562	
28)	SA	Decachlor...	10.417	11.334	10595691	34820087	20.837	19.472	
		Target Compounds							
2)	A	alpha-BHC	5.349	6.054	4062804	22897380	9.856	10.178	
3)	MA	gamma-BHC...	5.773	6.443	4140478	22176784	9.926	10.387	
5)	MB	Aldrin	6.534f	7.475	40355	729402	0.098	0.348	#
6)	B	beta-BHC	6.153	6.679	2337278	12604046	11.352	12.092	
7)	B	delta-BHC	0.000	6.956	0	3013376	N.D.	1.399	#
8)	B	Heptachlo...	7.088	7.927	36161	550781	0.084	0.276	#
9)	A	Endosulfan I	0.000	8.338	0	169056	N.D.	0.093	#
10)	B	gamma-Chl...	7.365	8.197	132697	3426786	0.303	1.678	#
11)	B	alpha-Chl...	7.433	8.302f	54953	652023	0.124	0.326	#
12)	B	4,4'-DDE	7.649	8.461	111220	246382	0.310	0.137	#
13)	MA	Dieldrin	7.779	8.604	96124	559734	0.231	0.303	#
14)	MA	Endrin	8.068	8.847	20087471	84740644	51.771	55.047	
15)	B	Endosulfa...	8.376	0.000	19804	0	0.051	N.D.	#
16)	A	4,4'-DDD	8.234	8.989	104019	1379636	0.320	0.945	#
17)	MA	4,4'-DDT	8.495	9.308	37894921	174.1E6	100.203	106.535	
18)	B	Endrin al...	8.572	9.202	286165	157890	0.905	0.129	#
19)	B	Endosulfa...	0.000	9.456f	0	137323	N.D.	0.087	#
20)	A	Methoxychlor	9.091	9.788	55183039	219.6E6	215.110	243.743	
21)	B	Endrin ke...	9.316	9.928	293555	724979	0.600	0.439	#
22)		Mirex	9.516	0.000	20719	0	0.044	N.D.	#
23)		Chlordane-1	0.000	6.854	0	1325151	N.D.	19.398	#
24)		Chlordane-2	0.000	7.475f	0	729402	N.D.	10.148	#
25)		Chlordane-3	7.365	8.197	132697	3426786	3.250	12.639	#
26)		Chlordane-4	7.433	8.302f	54953	652023	1.240	1.968	#
27)		Chlordane-5	8.376	0.000	19804	0	1.209	N.D.	#

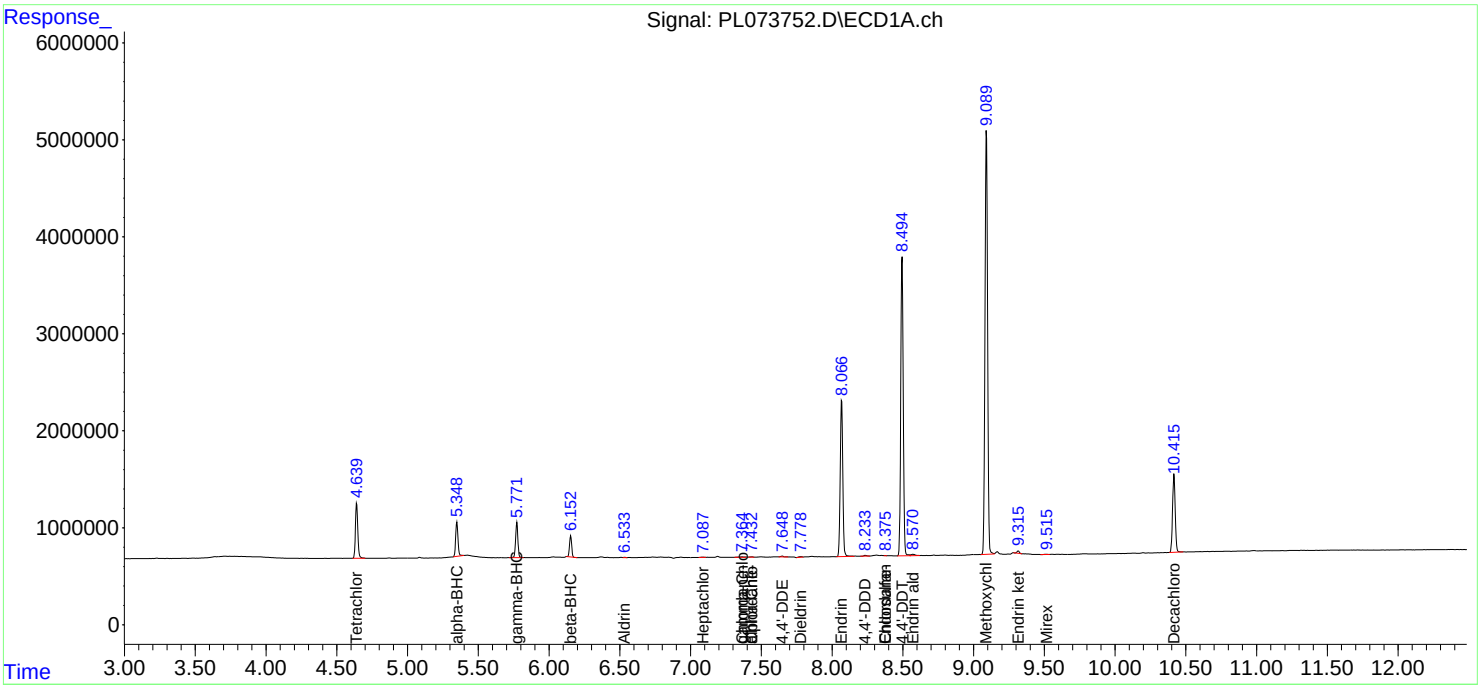
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

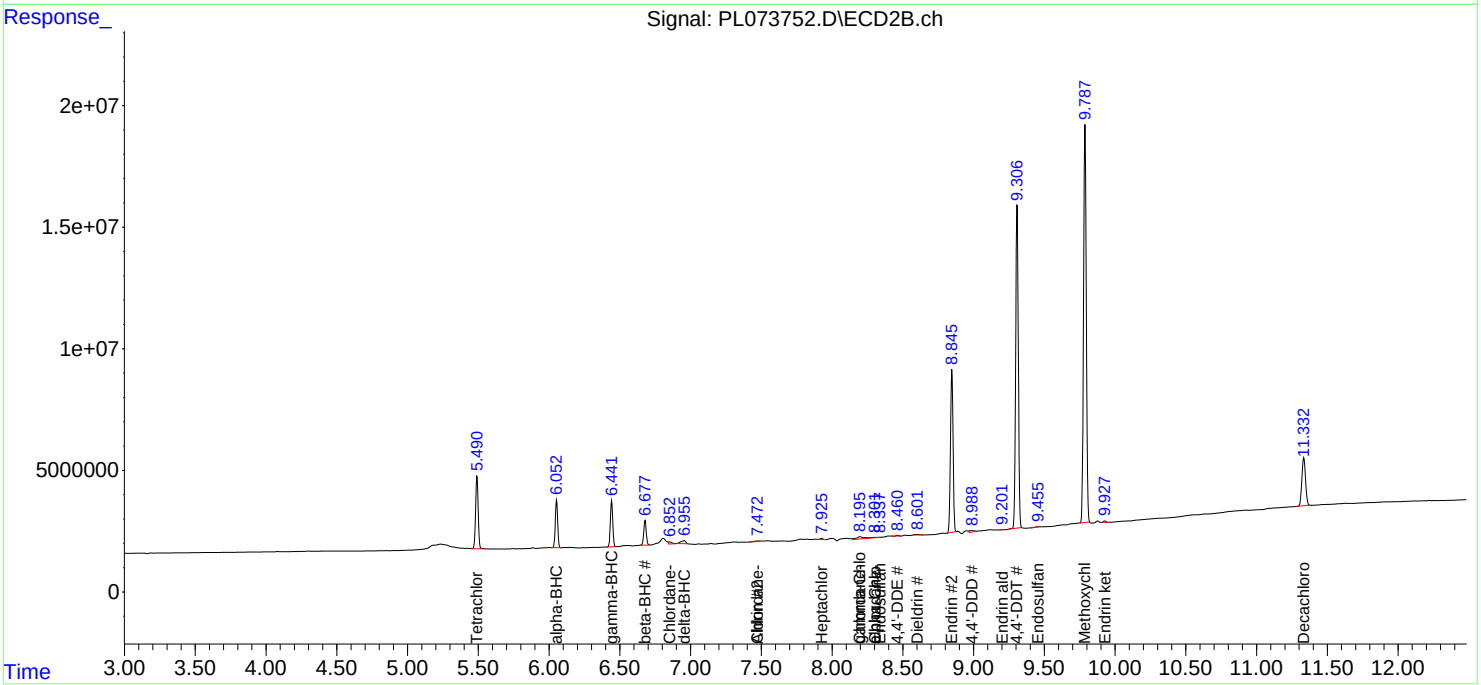
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL033122\
Data File : PL073752.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 31 Mar 2022 09:55
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

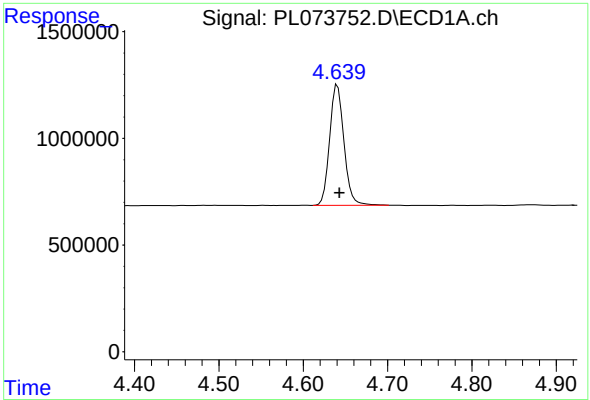
Instrument :
ECD_P
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 01:41:49 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



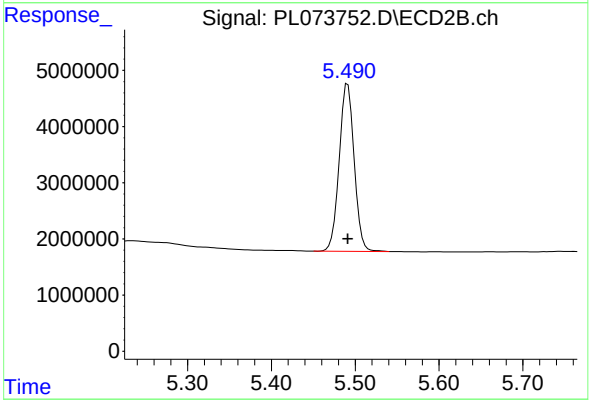




#1 Tetrachloro-m-xylene

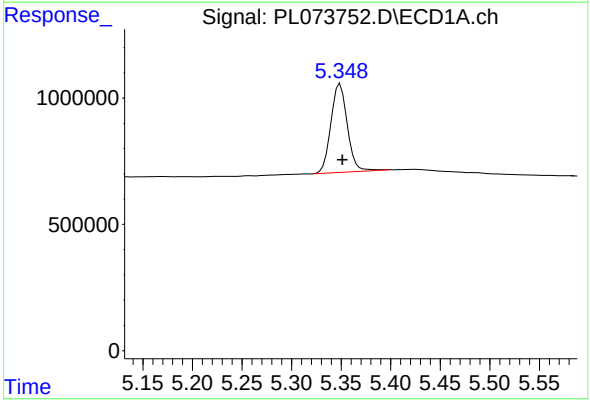
R.T.: 4.641 min
Delta R.T.: -0.002 min
Response: 6675307
Conc: 20.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



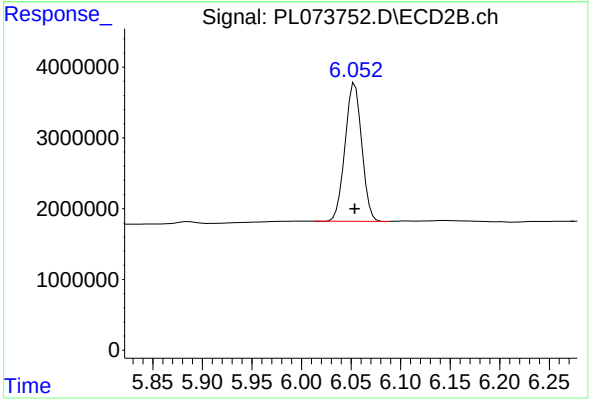
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 37029764
Conc: 22.56 ng/ml



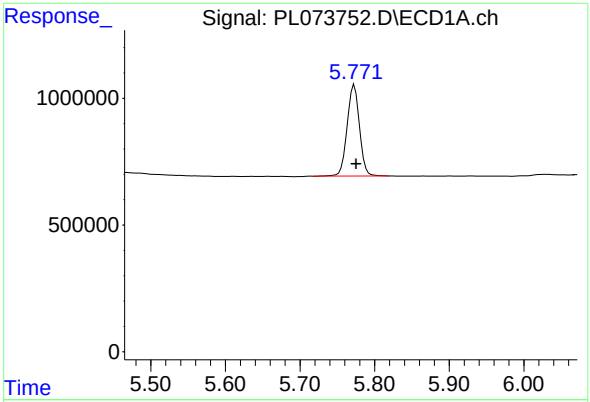
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.002 min
Response: 4062804
Conc: 9.86 ng/ml



#2 alpha-BHC

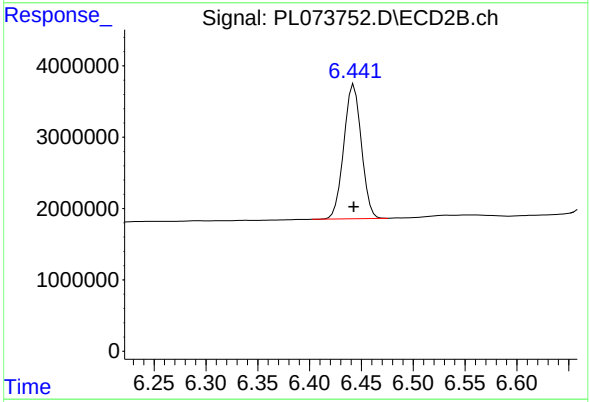
R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 22897380
Conc: 10.18 ng/ml



#3 gamma-BHC (Lindane)

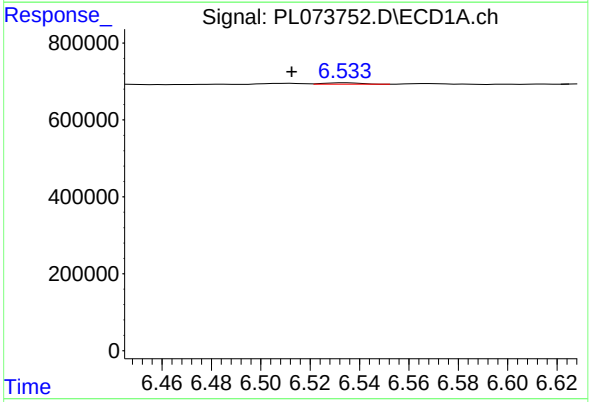
R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 4140478
Conc: 9.93 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



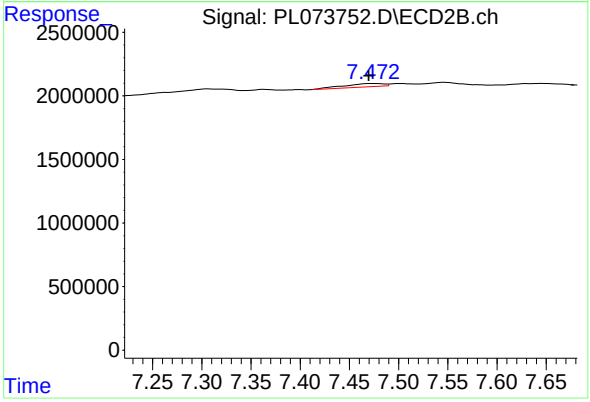
#3 gamma-BHC (Lindane)

R.T.: 6.443 min
Delta R.T.: 0.000 min
Response: 22176784
Conc: 10.39 ng/ml



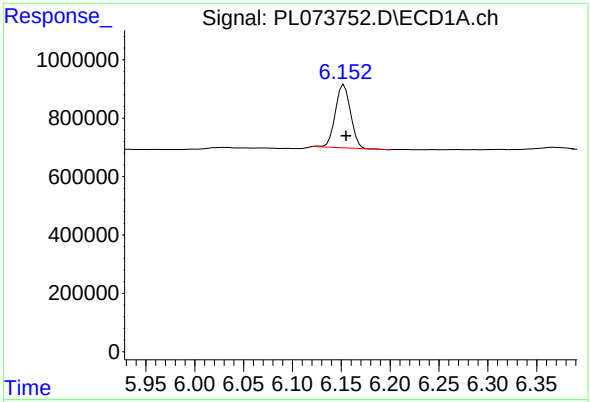
#5 Aldrin

R.T.: 6.534 min
Delta R.T.: 0.022 min
Response: 40355
Conc: 0.10 ng/ml



#5 Aldrin

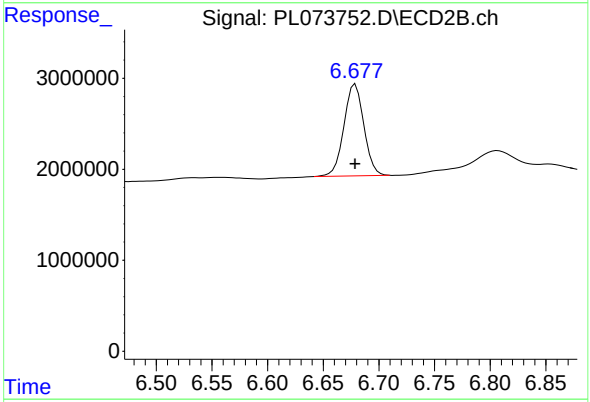
R.T.: 7.475 min
Delta R.T.: 0.005 min
Response: 729402
Conc: 0.35 ng/ml



#6 beta-BHC

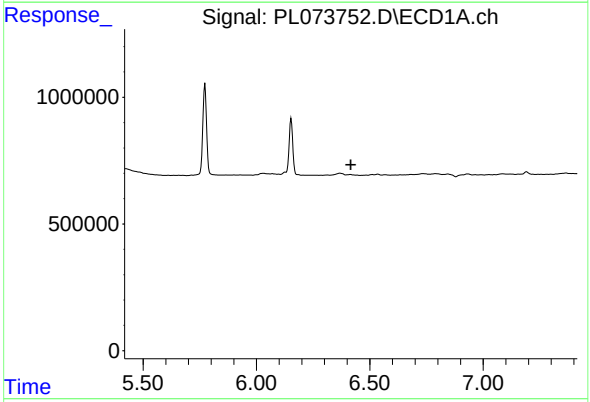
R.T.: 6.153 min
Delta R.T.: -0.002 min
Response: 2337278
Conc: 11.35 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



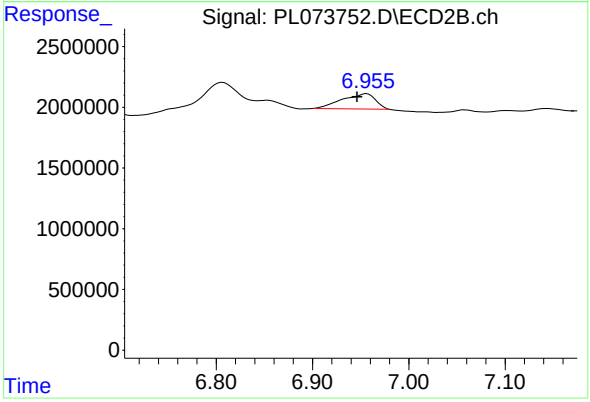
#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 12604046
Conc: 12.09 ng/ml



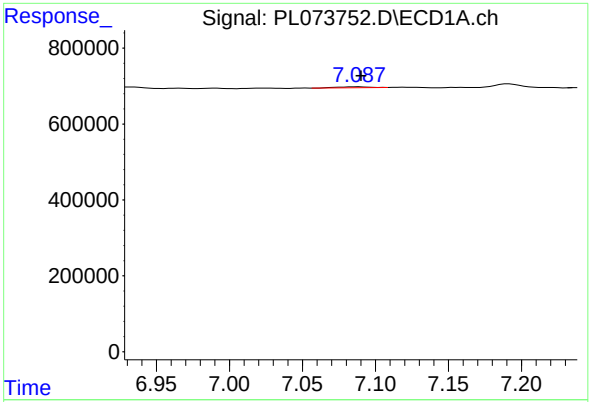
#7 delta-BHC

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



#7 delta-BHC

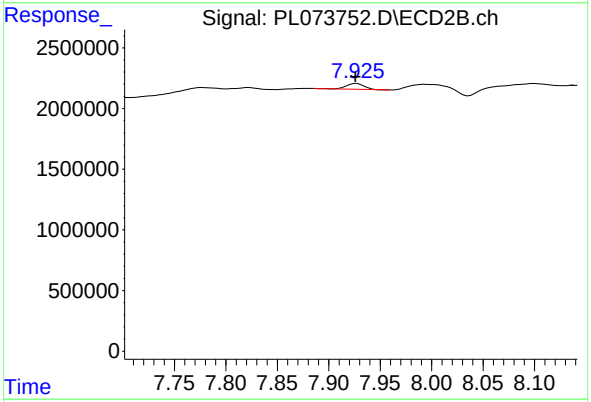
R.T.: 6.956 min
Delta R.T.: 0.010 min
Response: 3013376
Conc: 1.40 ng/ml



#8 Heptachlor epoxide

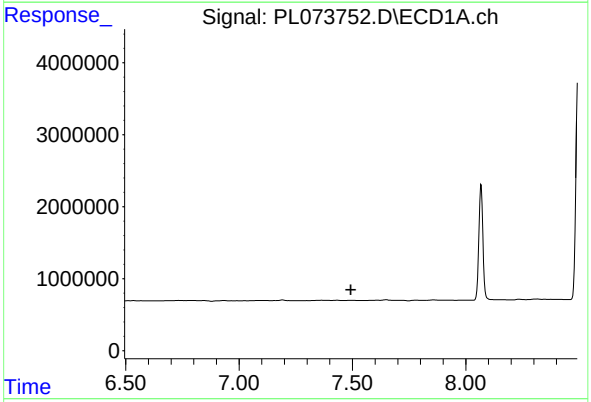
R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 36161
Conc: 0.08 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



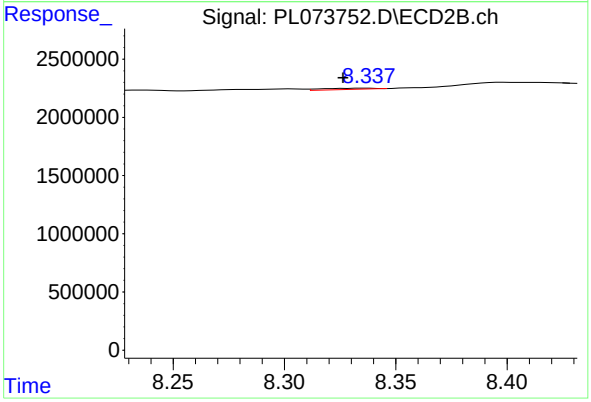
#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 550781
Conc: 0.28 ng/ml



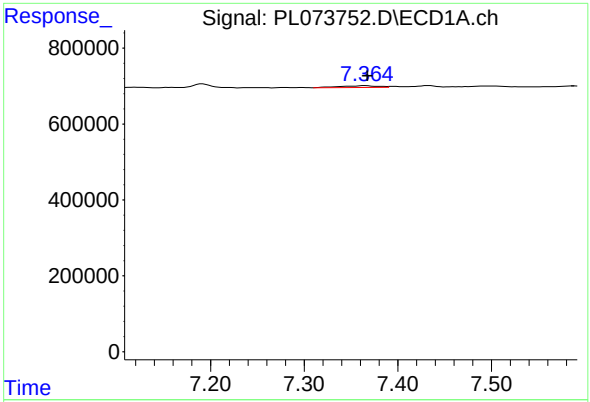
#9 Endosulfan I

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



#9 Endosulfan I

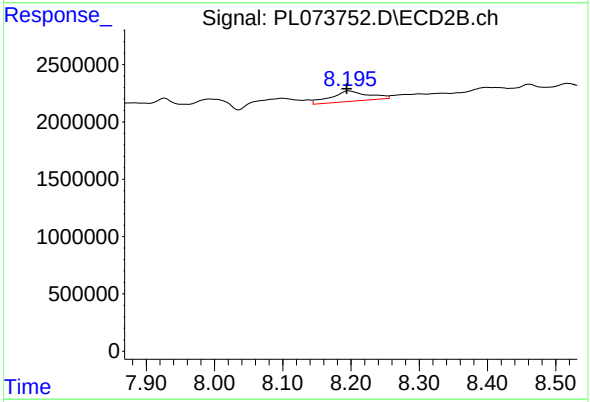
R.T.: 8.338 min
Delta R.T.: 0.011 min
Response: 169056
Conc: 0.09 ng/ml



#10 gamma-Chlordane

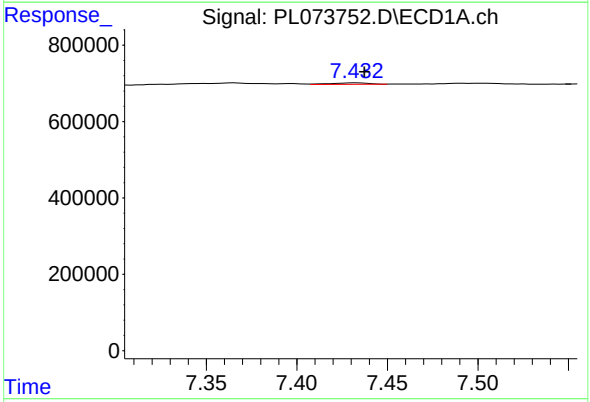
R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 132697
Conc: 0.30 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



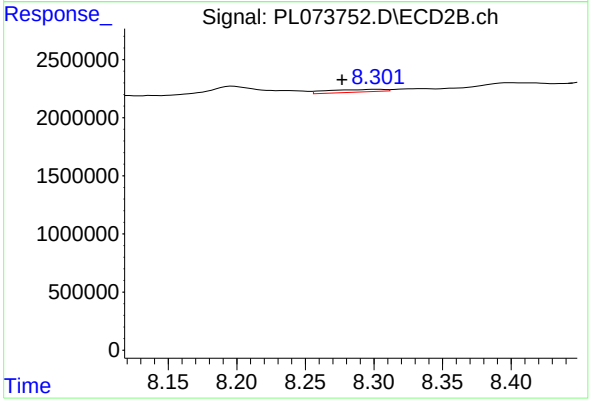
#10 gamma-Chlordane

R.T.: 8.197 min
Delta R.T.: 0.003 min
Response: 3426786
Conc: 1.68 ng/ml



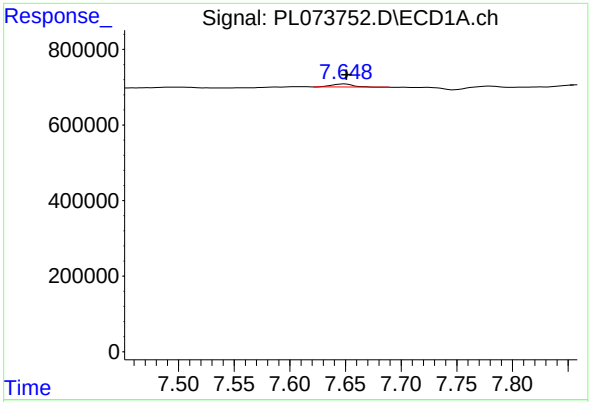
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 54953
Conc: 0.12 ng/ml



#11 alpha-Chlordane

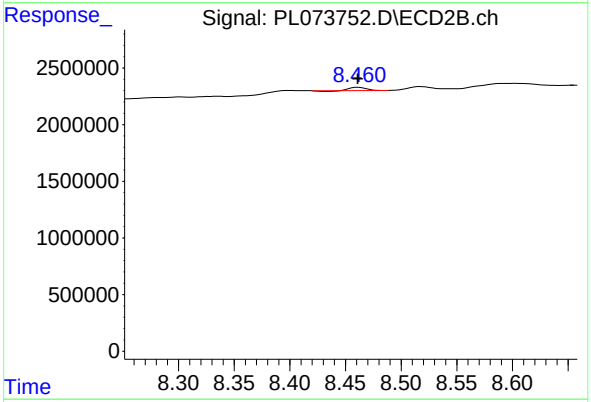
R.T.: 8.302 min
Delta R.T.: 0.026 min
Response: 652023
Conc: 0.33 ng/ml



#12 4,4'-DDE

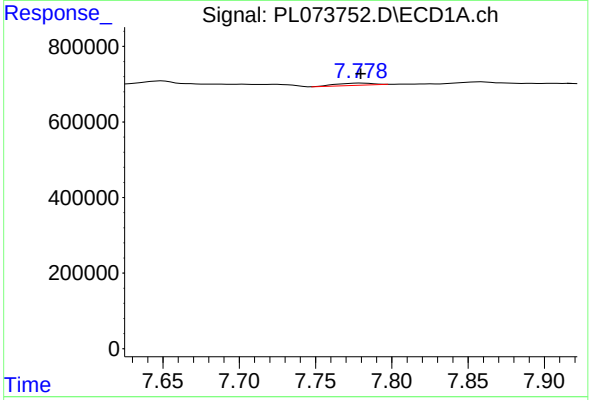
R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 111220
Conc: 0.31 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



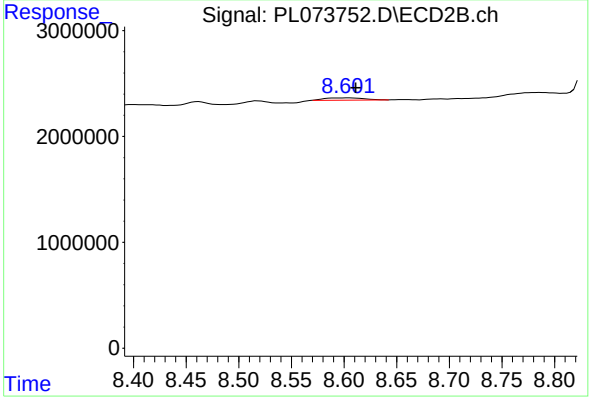
#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 246382
Conc: 0.14 ng/ml



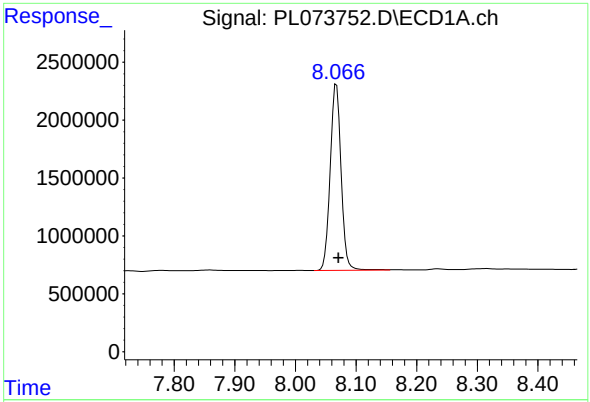
#13 Dieldrin

R.T.: 7.779 min
Delta R.T.: 0.000 min
Response: 96124
Conc: 0.23 ng/ml



#13 Dieldrin

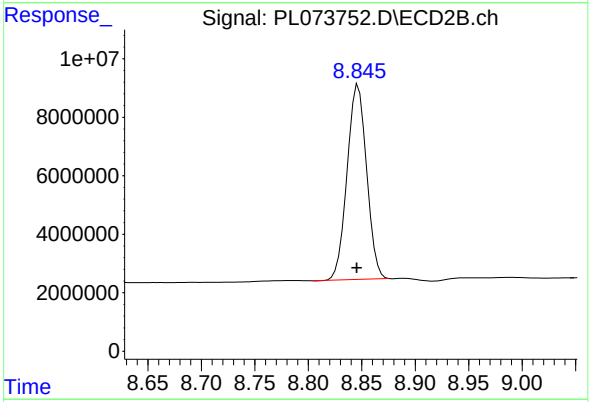
R.T.: 8.604 min
Delta R.T.: -0.007 min
Response: 559734
Conc: 0.30 ng/ml



#14 Endrin

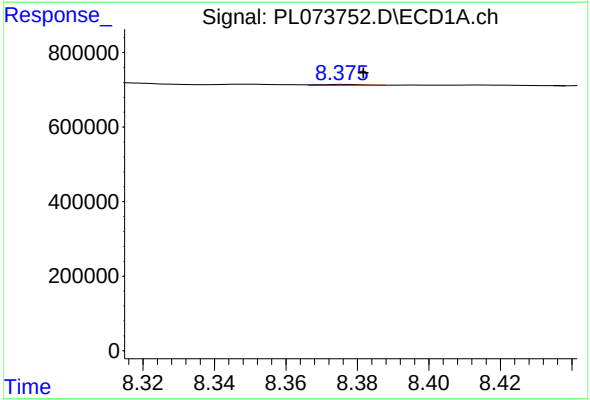
R.T.: 8.068 min
Delta R.T.: -0.003 min
Response: 20087471
Conc: 51.77 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



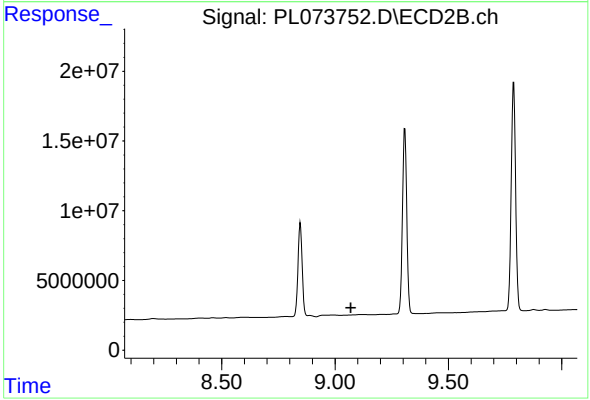
#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.001 min
Response: 84740644
Conc: 55.05 ng/ml



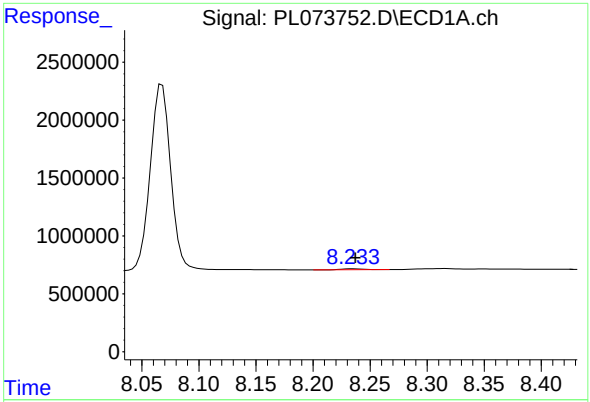
#15 Endosulfan II

R.T.: 8.376 min
Delta R.T.: -0.005 min
Response: 19804
Conc: 0.05 ng/ml



#15 Endosulfan II

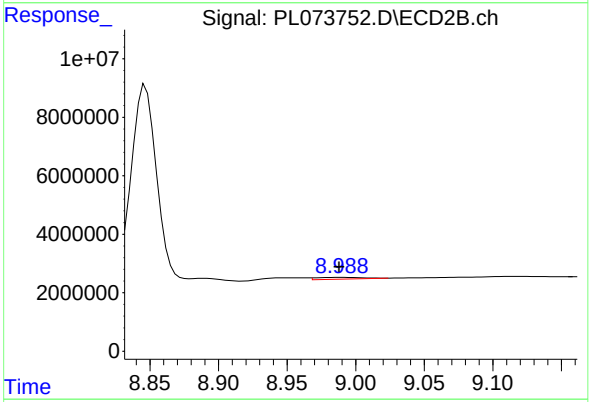
R.T.: 0.000 min
Exp R.T. : 9.069 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

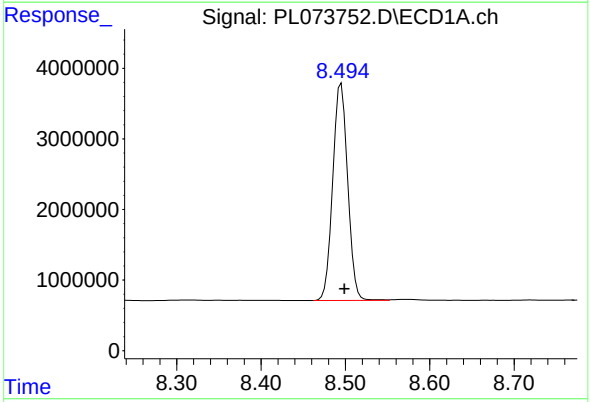
R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 104019
Conc: 0.32 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



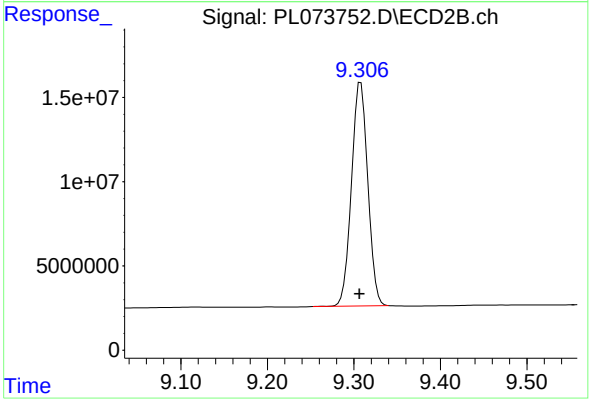
#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.001 min
Response: 1379636
Conc: 0.95 ng/ml



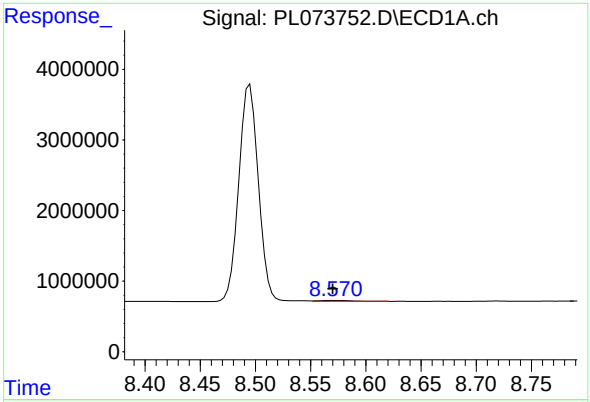
#17 4,4'-DDT

R.T.: 8.495 min
Delta R.T.: -0.004 min
Response: 37894921
Conc: 100.20 ng/ml



#17 4,4'-DDT

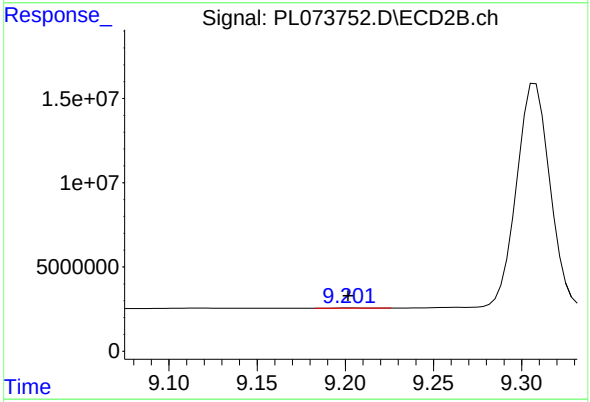
R.T.: 9.308 min
Delta R.T.: 0.001 min
Response: 174135442
Conc: 106.54 ng/ml



#18 Endrin aldehyde

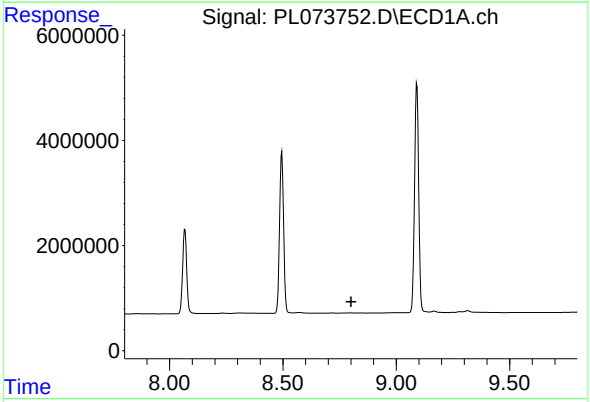
R.T.: 8.572 min
Delta R.T.: 0.002 min
Response: 286165
Conc: 0.90 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



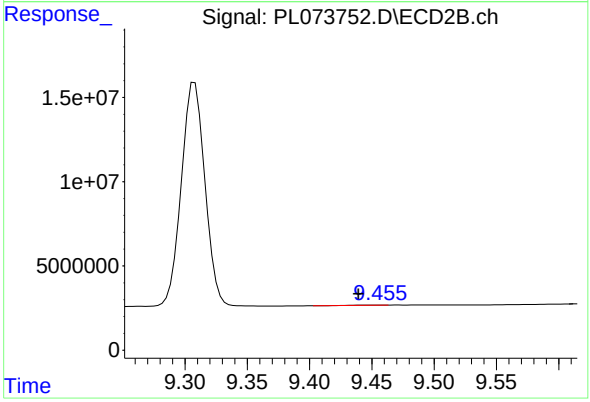
#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 157890
Conc: 0.13 ng/ml



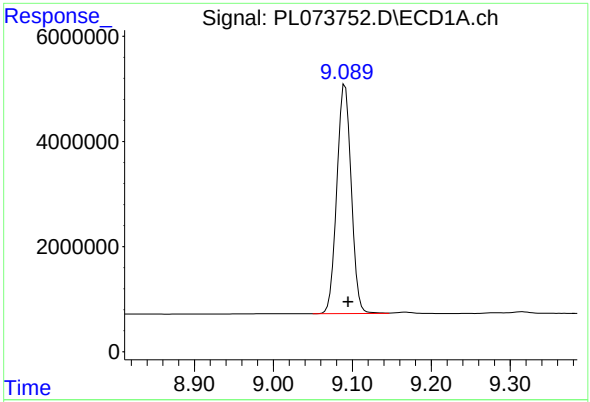
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

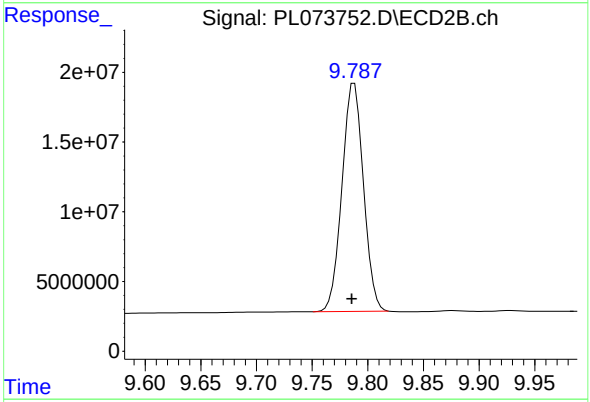
R.T.: 9.456 min
Delta R.T.: 0.017 min
Response: 137323
Conc: 0.09 ng/ml



#20 Methoxychlor

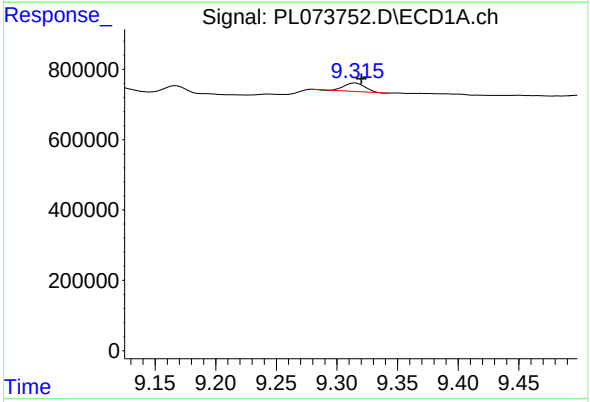
R.T.: 9.091 min
Delta R.T.: -0.004 min
Response: 55183039
Conc: 215.11 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



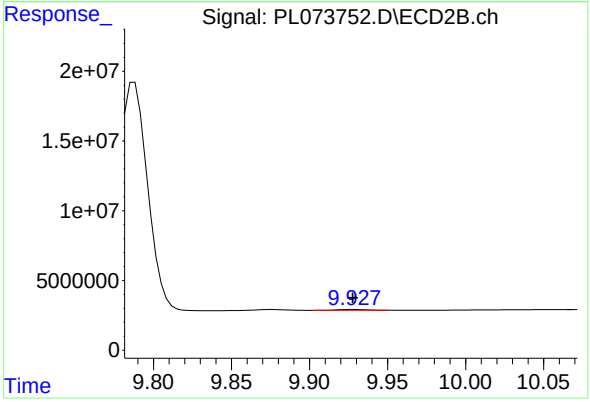
#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.002 min
Response: 219630631
Conc: 243.74 ng/ml



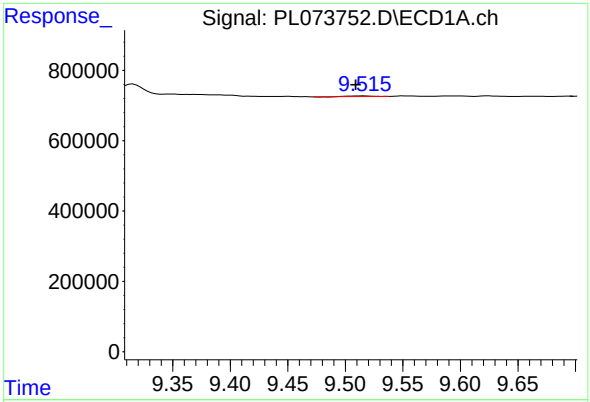
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.005 min
Response: 293555
Conc: 0.60 ng/ml



#21 Endrin ketone

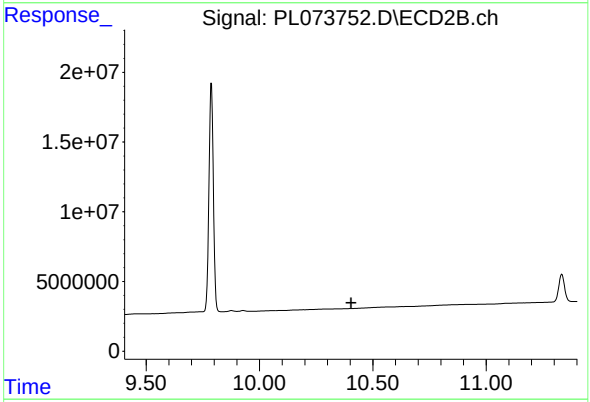
R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 724979
Conc: 0.44 ng/ml



#22 Mirex

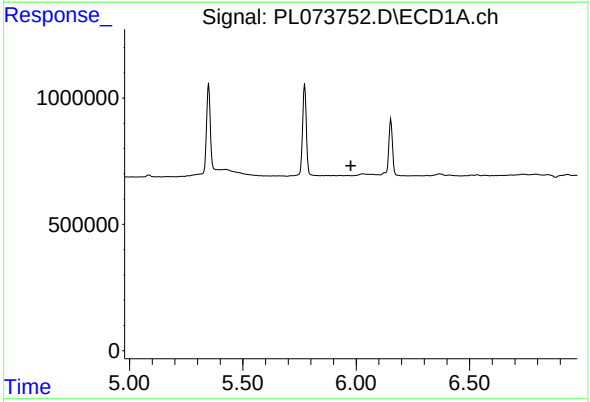
R.T.: 9.516 min
Delta R.T.: 0.007 min
Response: 20719
Conc: 0.04 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



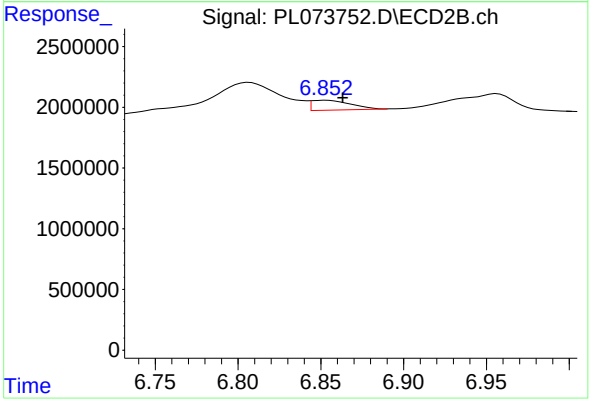
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 10.404 min
Response: 0
Conc: N.D.



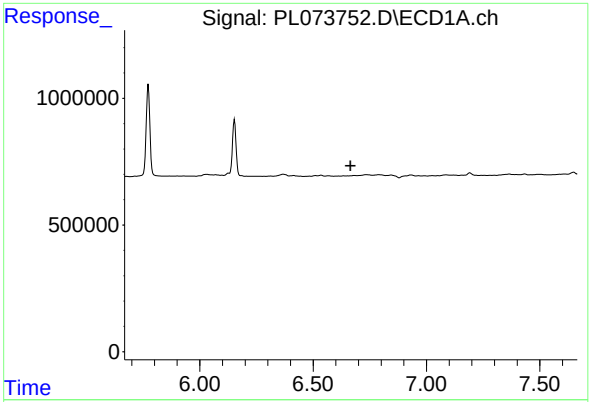
#23 Chlordane-1

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



#23 Chlordane-1

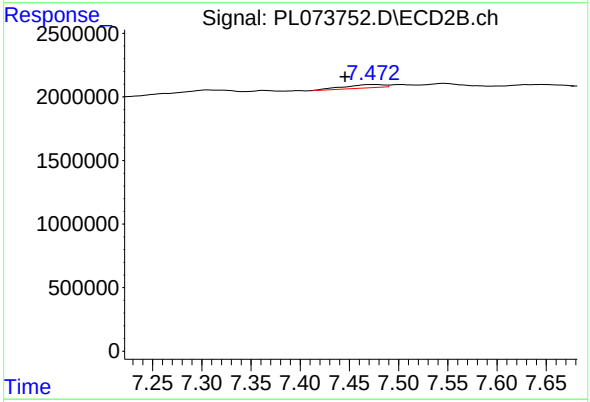
R.T.: 6.854 min
Delta R.T.: -0.010 min
Response: 1325151
Conc: 19.40 ng/ml



#24 Chlordane-2

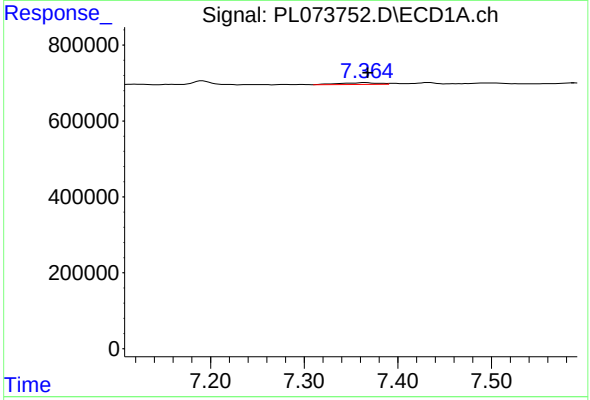
R.T.: 0.000 min
Exp R.T. : 6.665 min
Response: 0
Conc: N.D.

Instrument :
ECD_P
ClientSampleId :
PEM



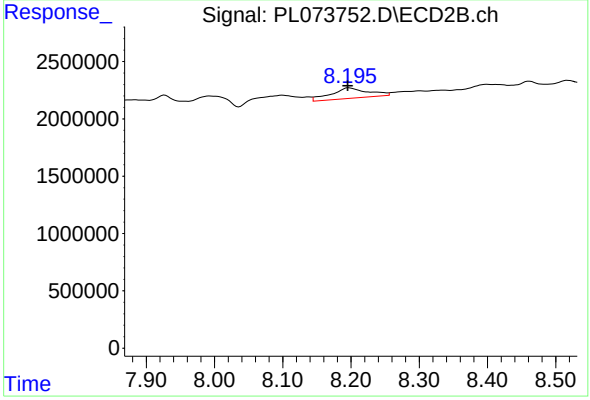
#24 Chlordane-2

R.T.: 7.475 min
Delta R.T.: 0.029 min
Response: 729402
Conc: 10.15 ng/ml



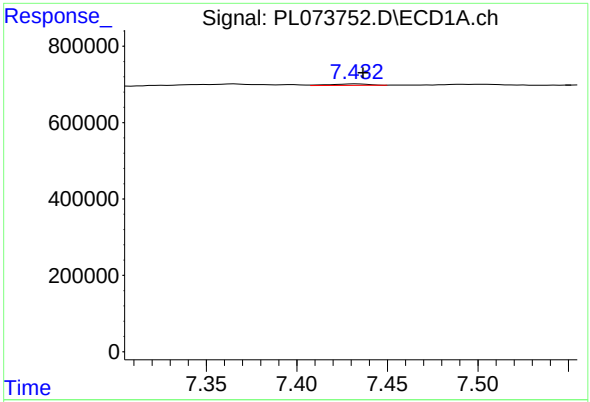
#25 Chlordane-3

R.T.: 7.365 min
Delta R.T.: -0.003 min
Response: 132697
Conc: 3.25 ng/ml



#25 Chlordane-3

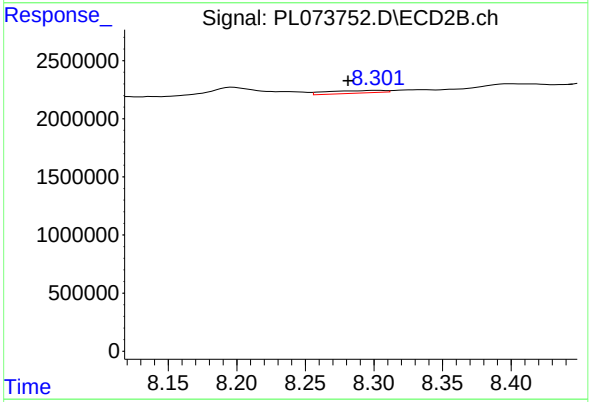
R.T.: 8.197 min
Delta R.T.: 0.002 min
Response: 3426786
Conc: 12.64 ng/ml



#26 Chlordane-4

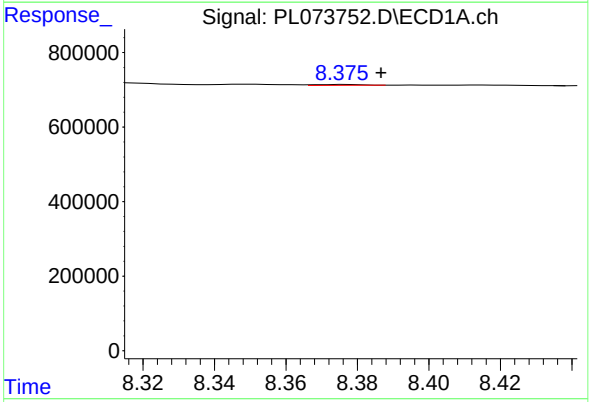
R.T.: 7.433 min
Delta R.T.: -0.004 min
Response: 54953
Conc: 1.24 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



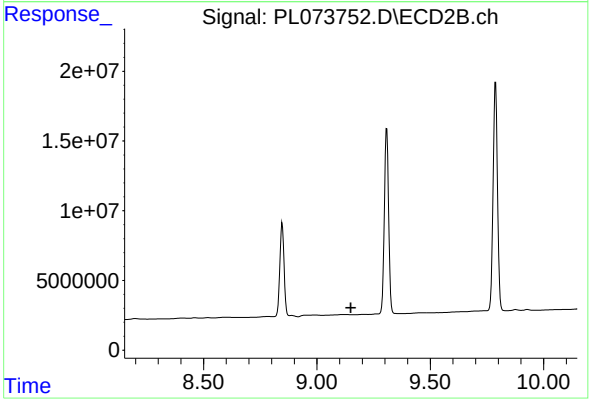
#26 Chlordane-4

R.T.: 8.302 min
Delta R.T.: 0.021 min
Response: 652023
Conc: 1.97 ng/ml



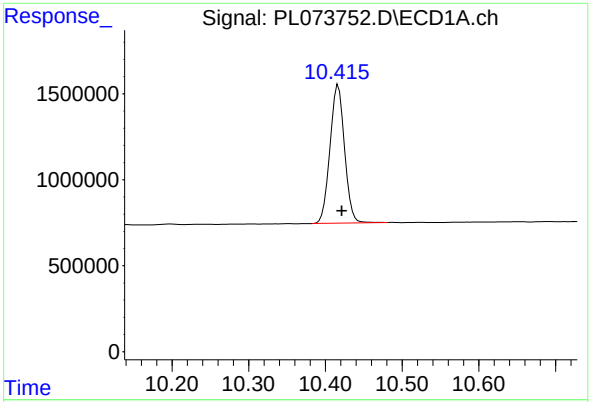
#27 Chlordane-5

R.T.: 8.376 min
Delta R.T.: -0.010 min
Response: 19804
Conc: 1.21 ng/ml



#27 Chlordane-5

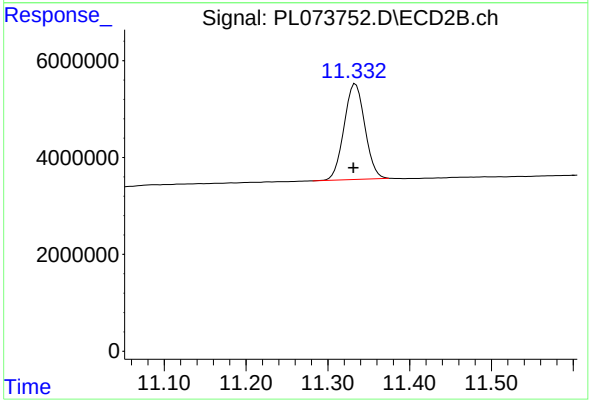
R.T.: 0.000 min
Exp R.T. : 9.149 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 10595691
Conc: 20.84 ng/ml

Instrument :
ECD_P
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.002 min
Response: 34820087
Conc: 19.47 ng/ml