Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 09:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:14:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml	
	System Monitoring Compounds							
1)	SA Tetrachlo...	3.551	2.883	47692499	343.0E6	23.877	23.456	
28)	SA Decachlor...	9.076	8.076	75847740	414.5E6	22.928	22.432	
	Target Compounds							
2)	A alpha-BHC	4.001	3.395	48228535	284.1E6	11.185	12.425	
3)	MA gamma-BHC...	4.332	3.732	48209809	262.9E6	11.513	12.205	
5)	MB Aldrin	0.000	4.367	0	3116404	N.D.	0.150	#
6)	B beta-BHC	4.516	4.028	20690073	122.2E6	12.745	13.208	
7)	B delta-BHC	4.779	4.264	3628918	1322418	0.880	0.062	#
8)	B Heptachlo...	5.682	4.875	257005	190077	0.072	0.010	#
9)	A Endosulfan I	6.104f	5.239	318997	1848249	0.094	0.103	
10)	B gamma-Chl...	5.954	5.130	552895	11826045	0.153	0.583	#
11)	B alpha-Chl...	6.042	5.197	2426533	3540677	0.672	0.181	#
12)	B 4,4'-DDE	6.201	5.380	436734	2085960	0.132	0.106	
13)	MA Dieldrin	6.369f	0.000	942735	0	0.264	N.D.	#
14)	MA Endrin	6.577	5.793	166.5E6	935.8E6	55.826	51.413	
15)	B Endosulfa...	6.771f	6.090	574493	3187354	0.184	0.182	
16)	A 4,4'-DDD	6.707	5.934	5748665	40422142	2.286	2.467	
17)	MA 4,4'-DDT	7.023	6.187	315.2E6	1744.4E6	113.476	102.513	
18)	B Endrin al...	6.917	6.262	4188617	29742483	1.815	2.236	
19)	B Endosulfa...	0.000	6.471f	0	1136802	N.D.	0.066	#
20)	A Methoxychlor	7.495	6.758	404.8E6	1930.8E6	269.929	211.686	
21)	B Endrin ke...	7.631	6.994	6911739	56207490	2.239	3.005	#
22)	Mirex	0.000	7.187	0	2290493	N.D.	0.155	#
23)	Chlordane-1	0.000	3.902	0	409849	N.D.	0.511	#
24)	Chlordane-2	0.000	4.490	0	8146730	N.D.	9.871	#
25)	Chlordane-3	5.954	5.130	552895	11826045	0.820	4.676	#
26)	Chlordane-4	6.042	5.197	2426533	3540677	2.976	1.656	#
27)	Chlordane-5	0.000	6.090	0	3187354	N.D.	3.301	#

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

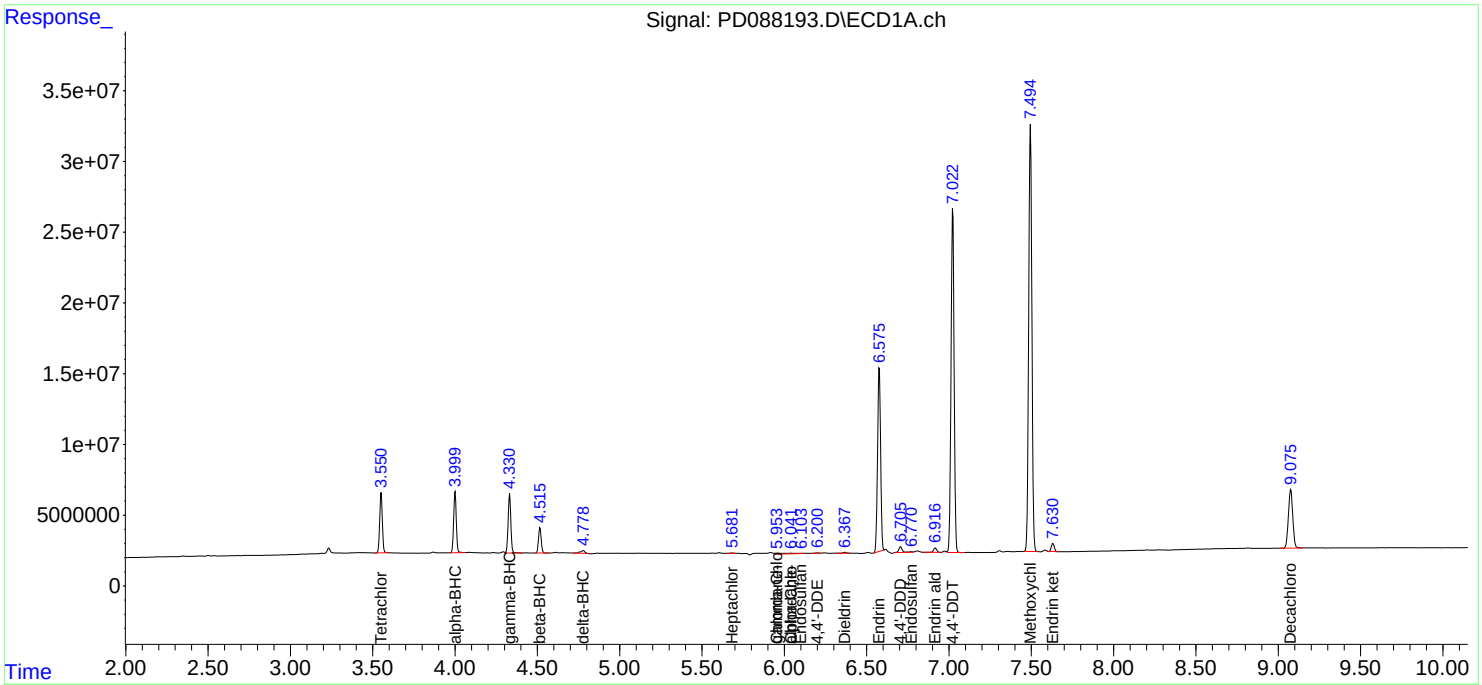
Quantitation Report (Not Reviewed)

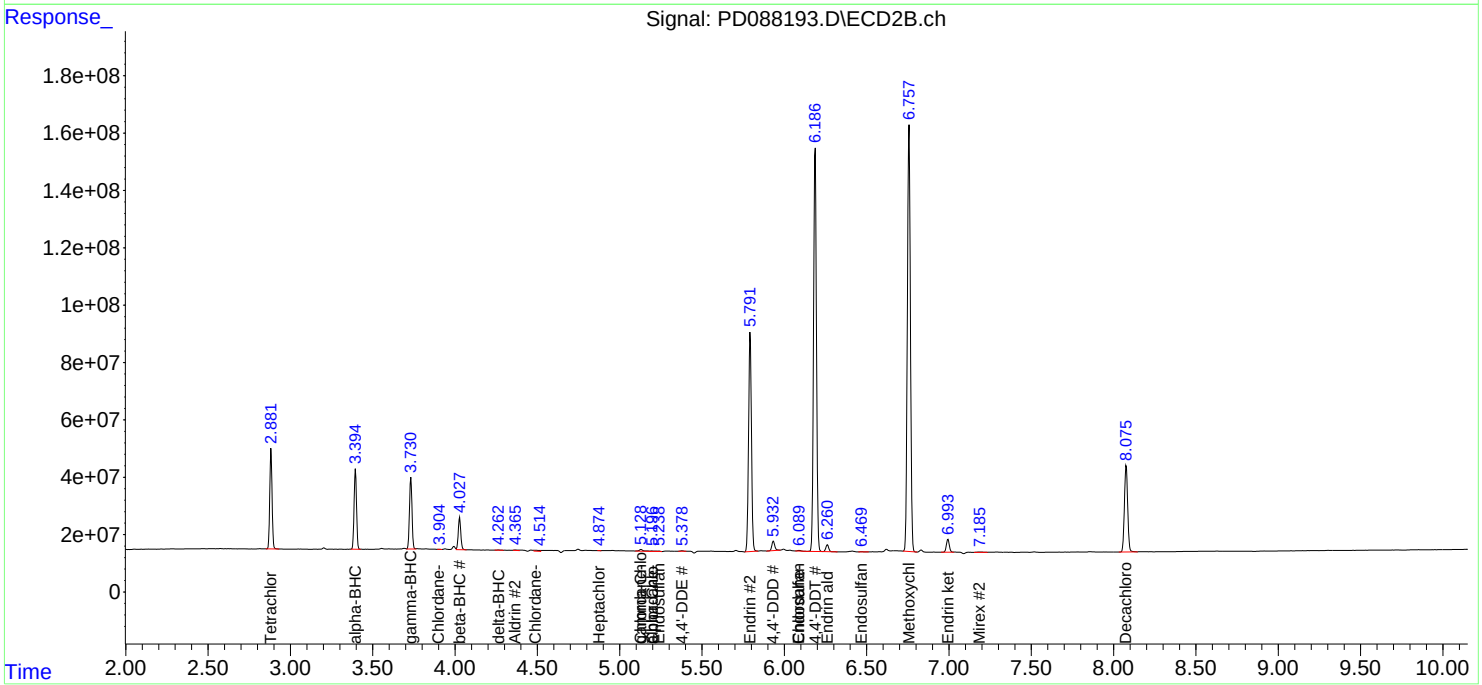
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042225\
Data File : PD088193.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 Apr 2025 09:38
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

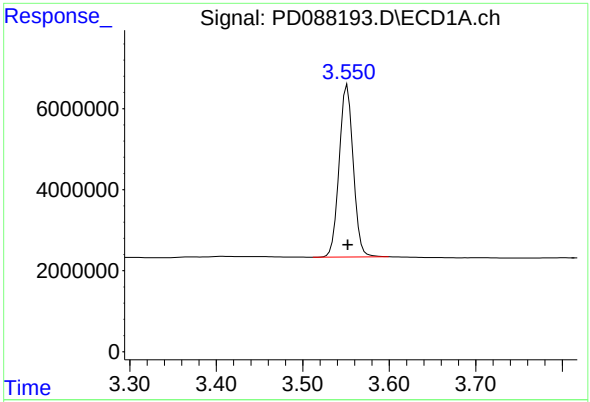
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 23 01:14:41 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm



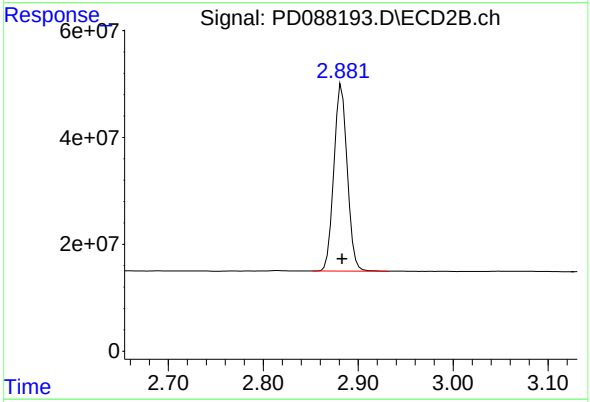




#1 Tetrachloro-m-xylene

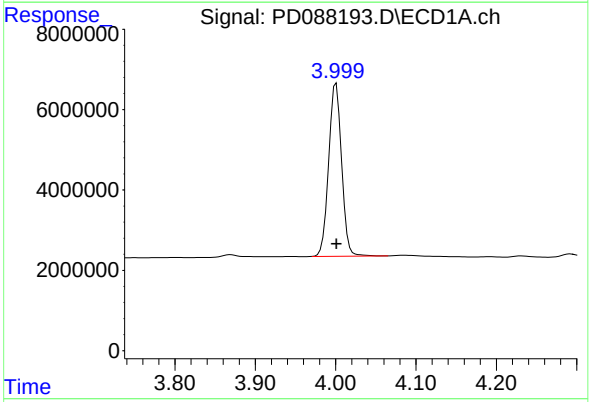
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47692499
Conc: 23.88 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



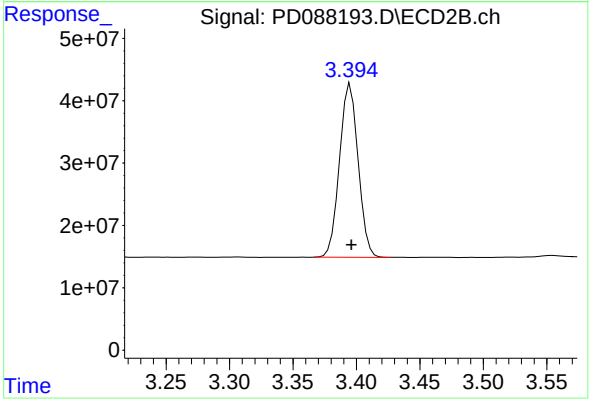
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 342963678
Conc: 23.46 ng/ml



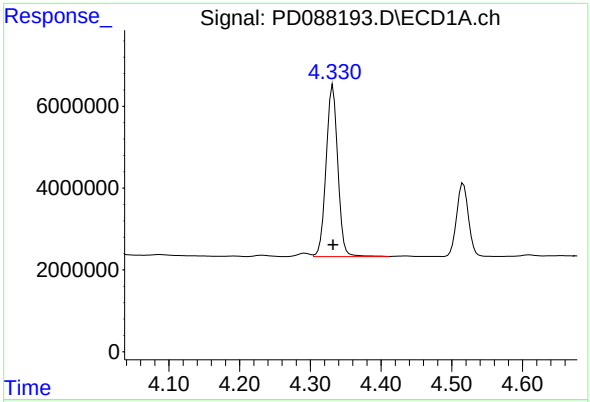
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 48228535
Conc: 11.18 ng/ml



#2 alpha-BHC

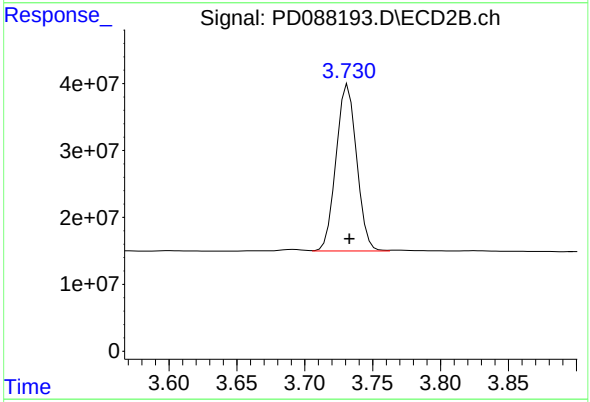
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 284056723
Conc: 12.43 ng/ml



#3 gamma-BHC (Lindane)

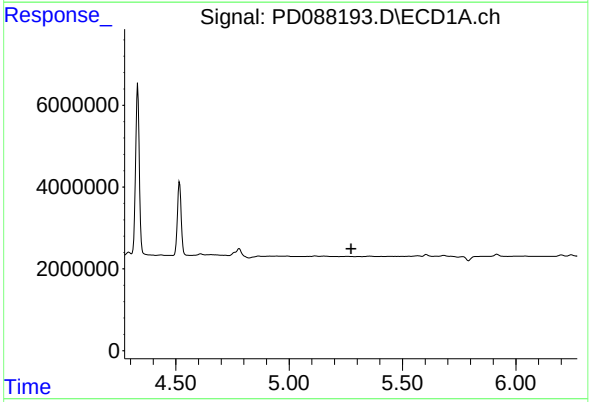
R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 48209809
Conc: 11.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



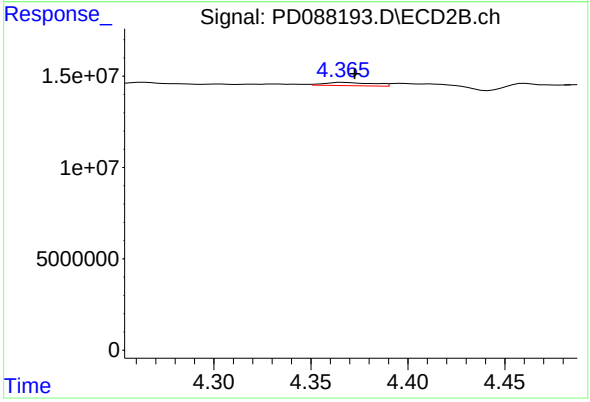
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 262877032
Conc: 12.20 ng/ml



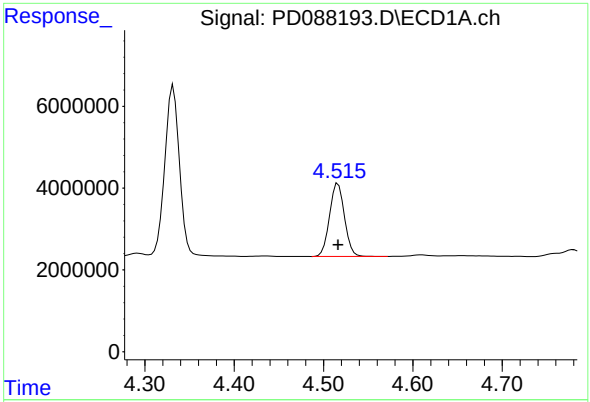
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.273 min
Response: 0
Conc: N.D.



#5 Aldrin

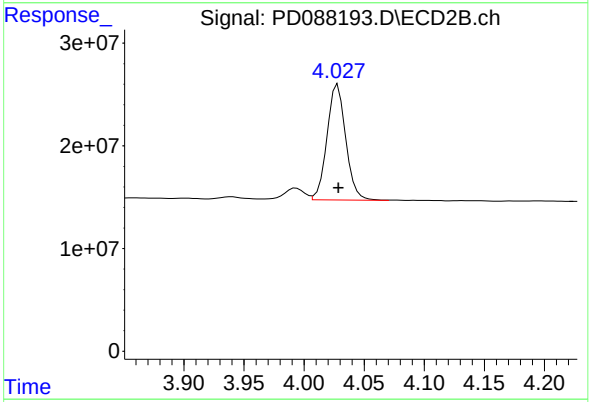
R.T.: 4.367 min
Delta R.T.: -0.006 min
Response: 3116404
Conc: 0.15 ng/ml



#6 beta-BHC

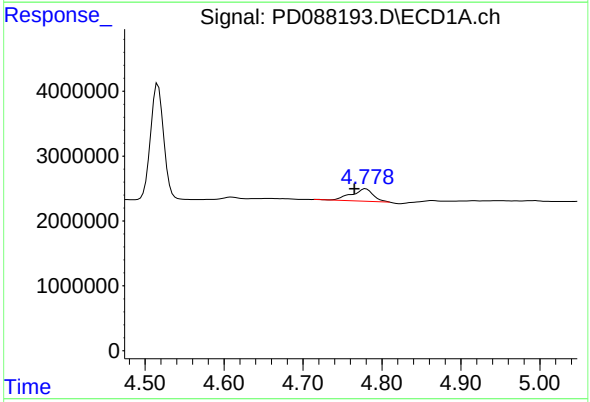
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 20690073
Conc: 12.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



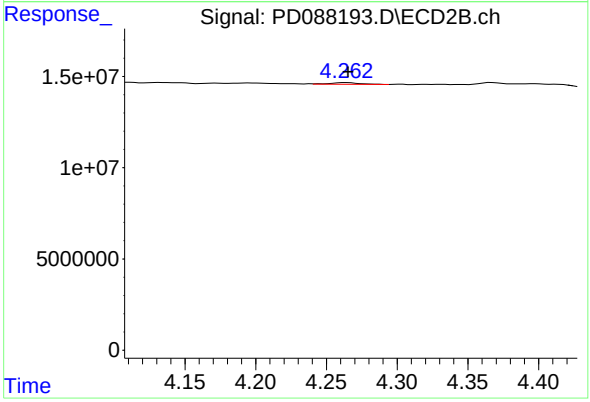
#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 122227155
Conc: 13.21 ng/ml



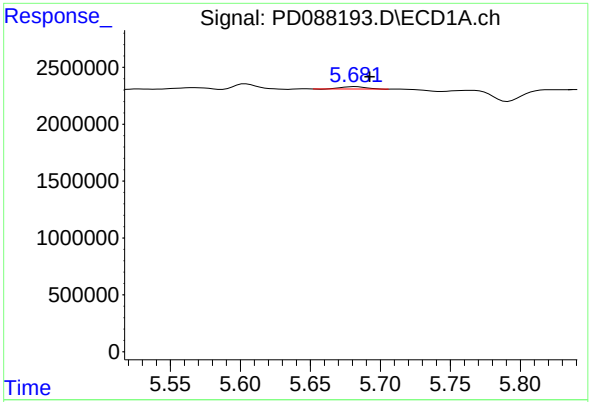
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 3628918
Conc: 0.88 ng/ml



#7 delta-BHC

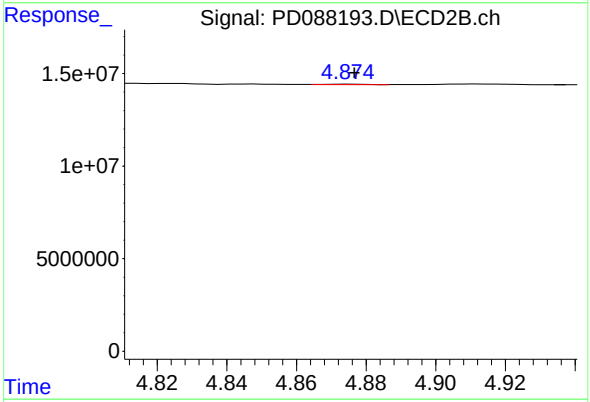
R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 1322418
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

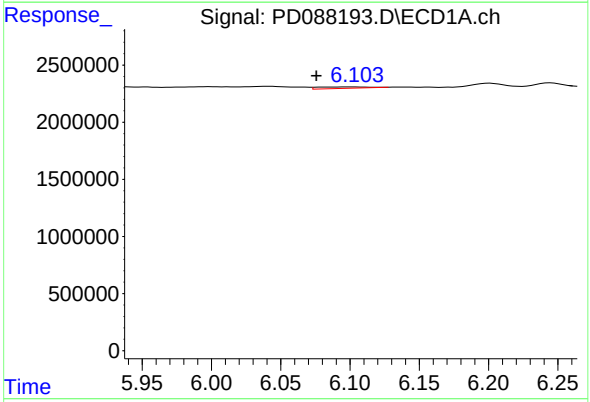
R.T.: 5.682 min
Delta R.T.: -0.010 min
Response: 257005
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



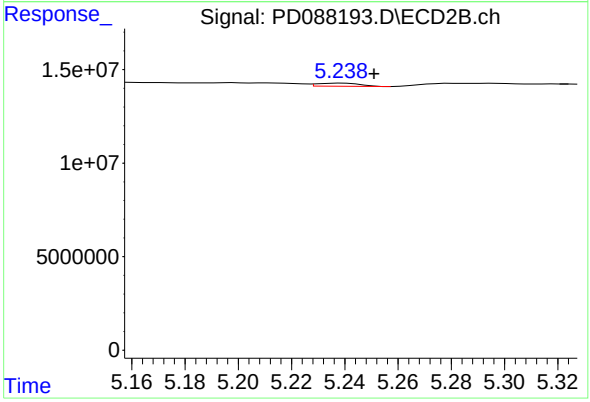
#8 Heptachlor epoxide

R.T.: 4.875 min
Delta R.T.: -0.002 min
Response: 190077
Conc: 0.01 ng/ml



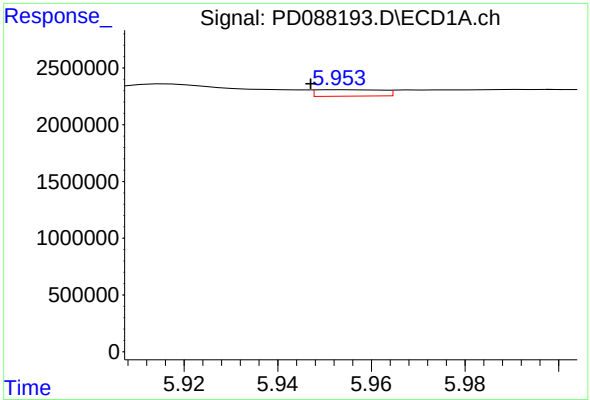
#9 Endosulfan I

R.T.: 6.104 min
Delta R.T.: 0.029 min
Response: 318997
Conc: 0.09 ng/ml



#9 Endosulfan I

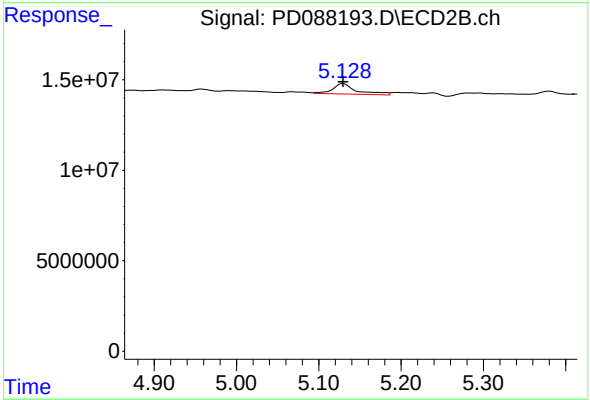
R.T.: 5.239 min
Delta R.T.: -0.012 min
Response: 1848249
Conc: 0.10 ng/ml



#10 gamma-Chlordane

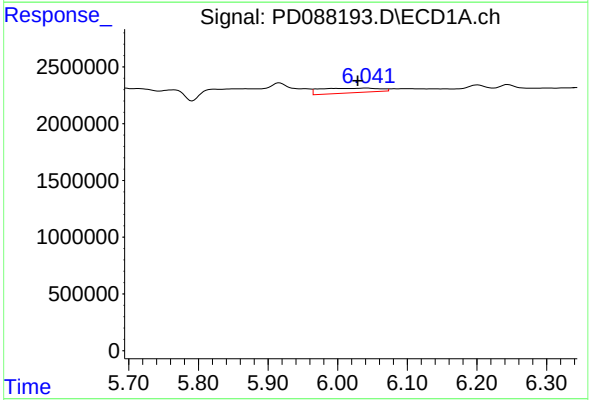
R.T.: 5.954 min
Delta R.T.: 0.007 min
Response: 552895
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



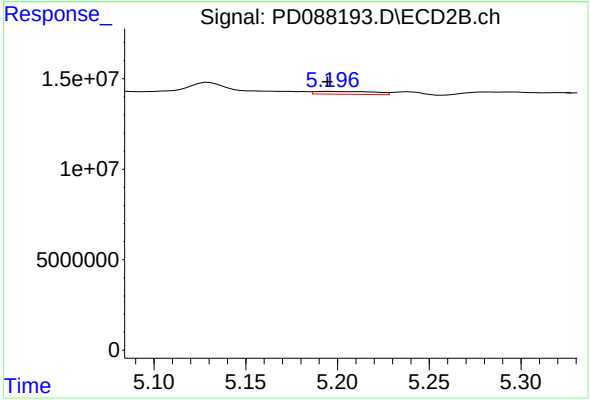
#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 11826045
Conc: 0.58 ng/ml



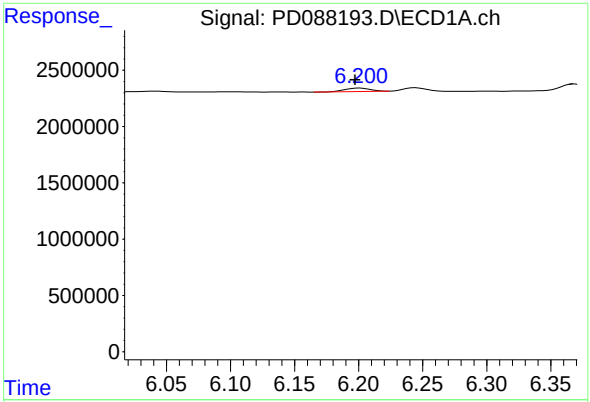
#11 alpha-Chlordane

R.T.: 6.042 min
Delta R.T.: 0.014 min
Response: 2426533
Conc: 0.67 ng/ml



#11 alpha-Chlordane

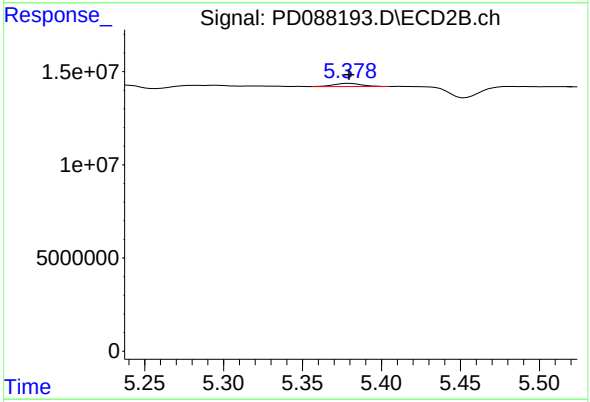
R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: 3540677
Conc: 0.18 ng/ml



#12 4,4'-DDE

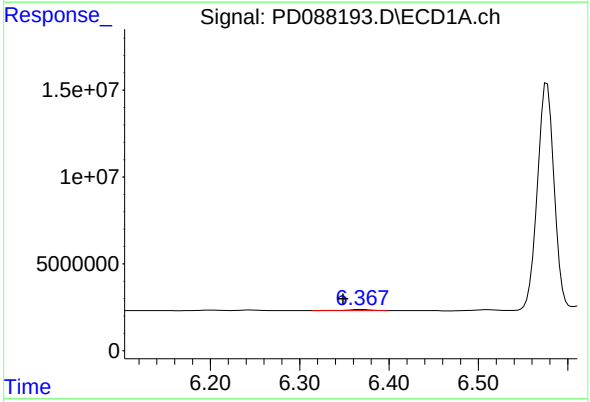
R.T.: 6.201 min
Delta R.T.: 0.004 min
Response: 436734
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



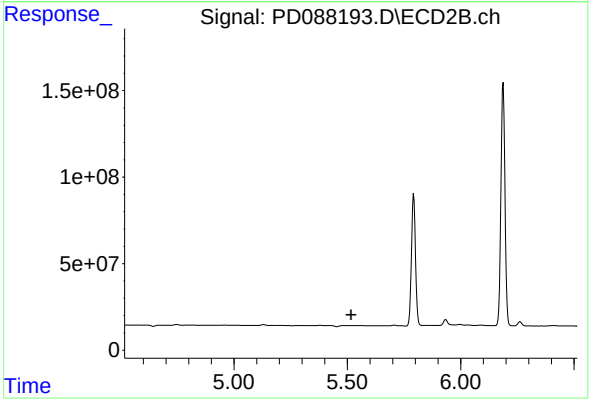
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 2085960
Conc: 0.11 ng/ml



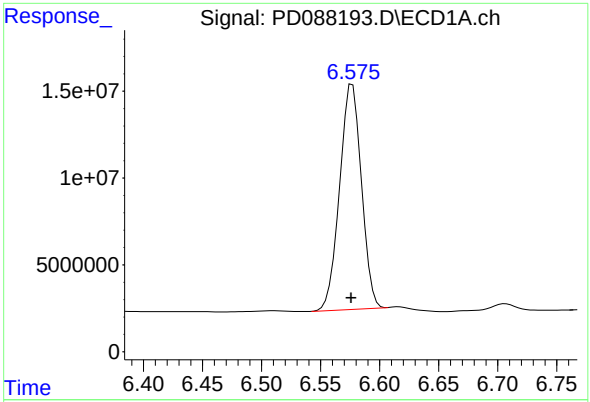
#13 Dieldrin

R.T.: 6.369 min
Delta R.T.: 0.020 min
Response: 942735
Conc: 0.26 ng/ml



#13 Dieldrin

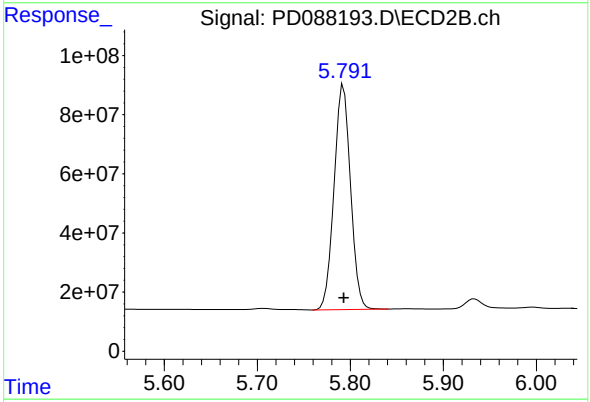
R.T.: 0.000 min
Exp R.T. : 5.517 min
Response: 0
Conc: N.D.



#14 Endrin

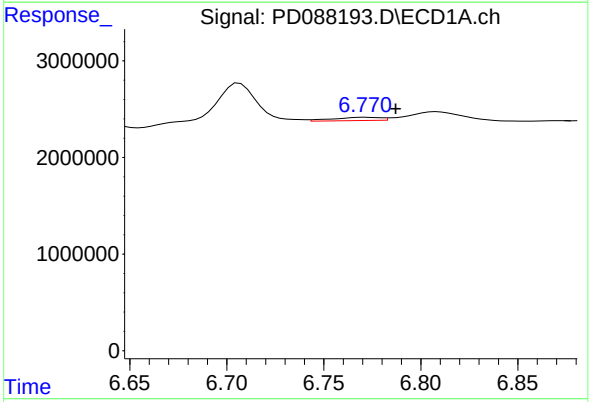
R.T.: 6.577 min
Delta R.T.: 0.001 min
Response: 166503418
Conc: 55.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



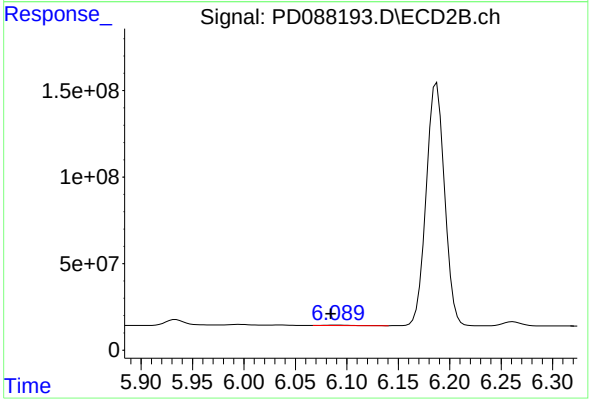
#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 935828864
Conc: 51.41 ng/ml



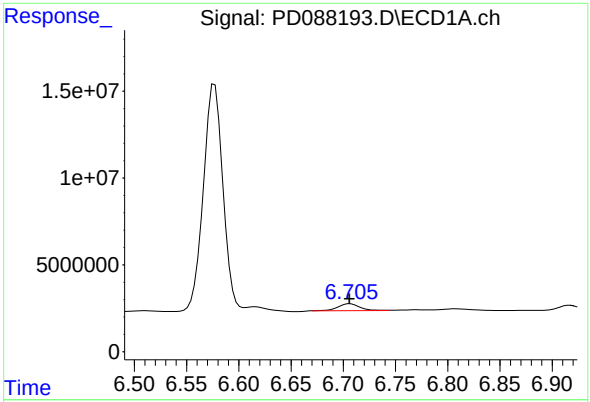
#15 Endosulfan II

R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 574493
Conc: 0.18 ng/ml



#15 Endosulfan II

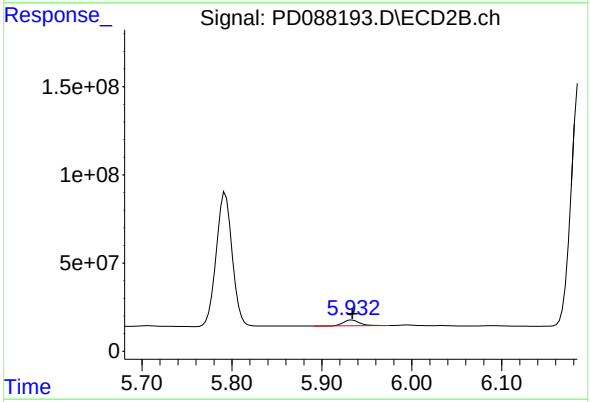
R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 3187354
Conc: 0.18 ng/ml



#16 4,4'-DDD

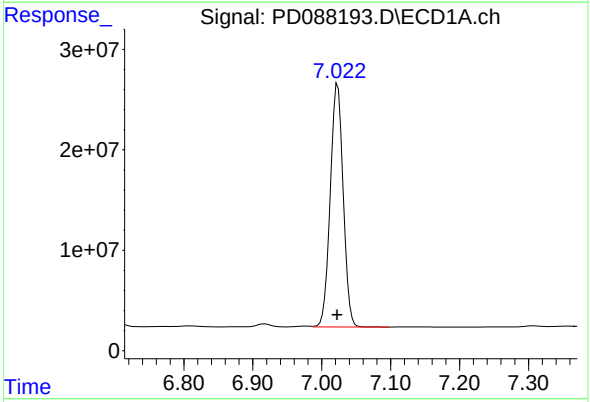
R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 5748665
Conc: 2.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



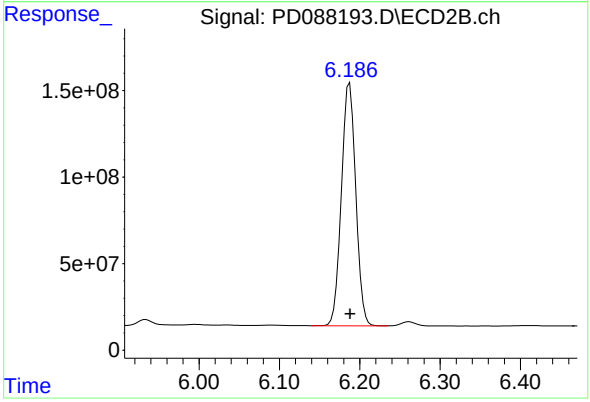
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 40422142
Conc: 2.47 ng/ml



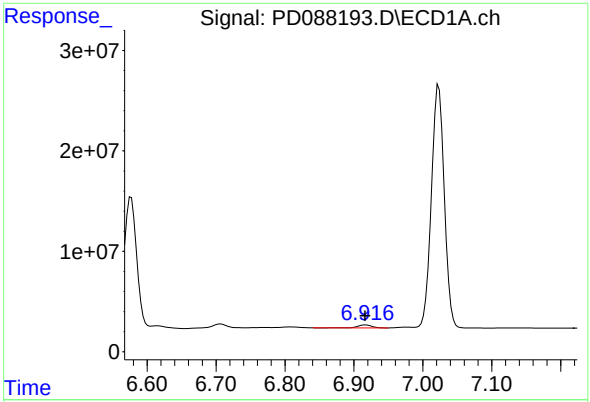
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.001 min
Response: 315183341
Conc: 113.48 ng/ml



#17 4,4'-DDT

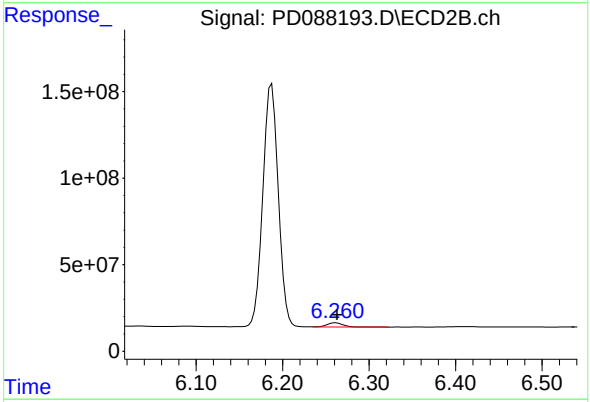
R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1744412804
Conc: 102.51 ng/ml



#18 Endrin aldehyde

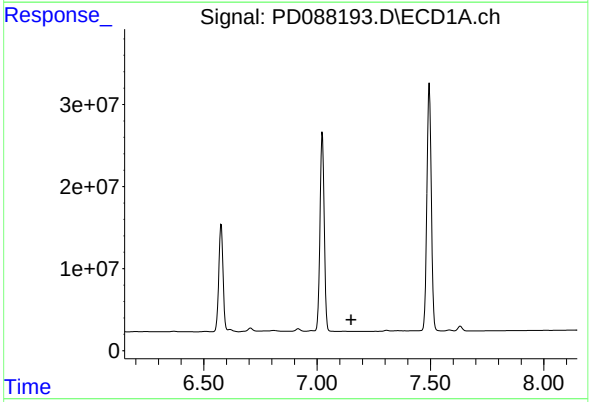
R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 4188617
Conc: 1.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



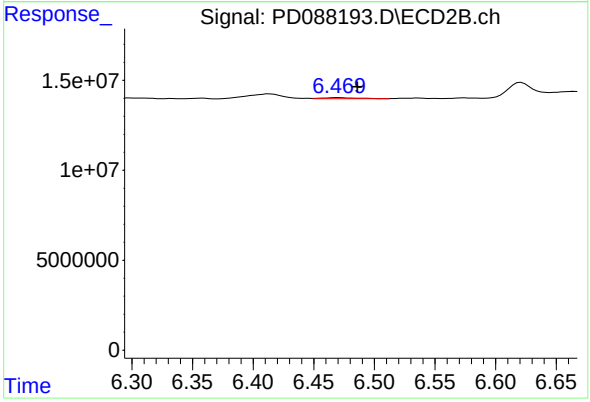
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 29742483
Conc: 2.24 ng/ml



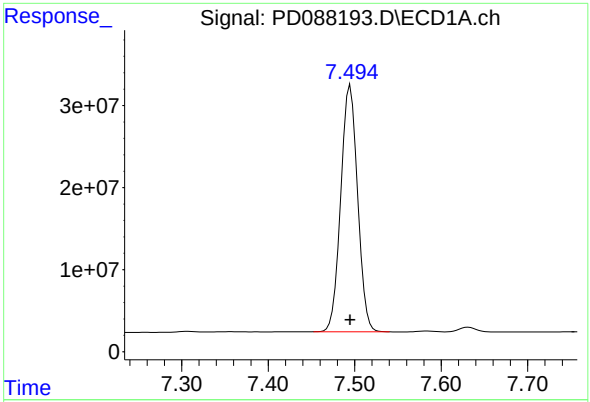
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.150 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

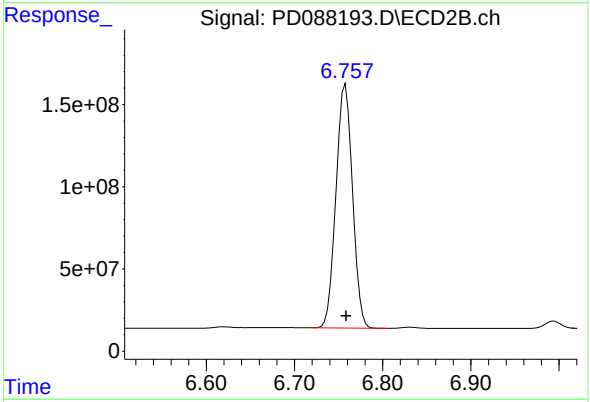
R.T.: 6.471 min
Delta R.T.: -0.015 min
Response: 1136802
Conc: 0.07 ng/ml



#20 Methoxychlor

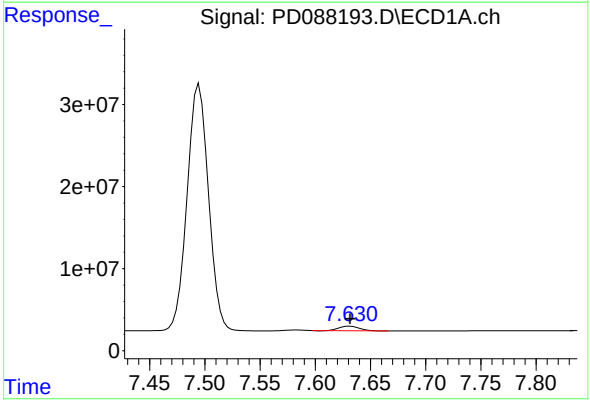
R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 404770861
Conc: 269.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



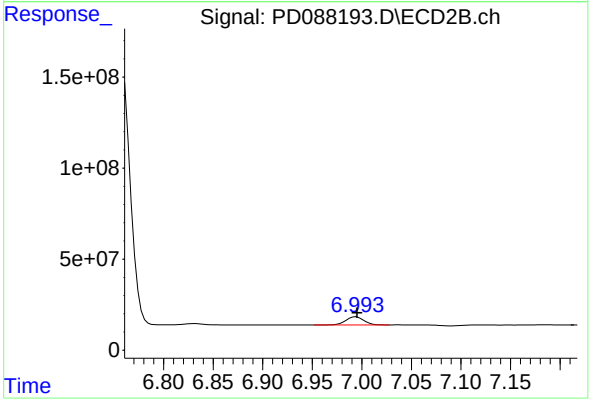
#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1930800119
Conc: 211.69 ng/ml



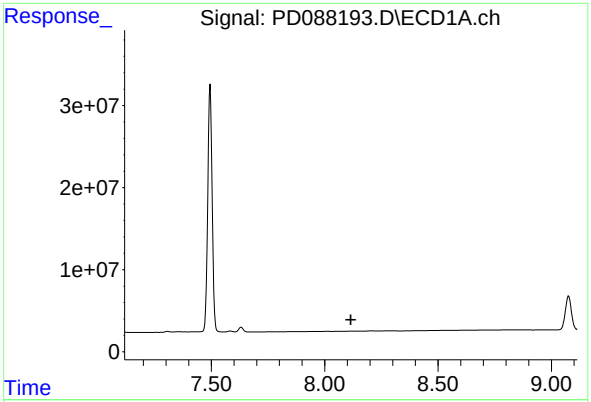
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 6911739
Conc: 2.24 ng/ml



#21 Endrin ketone

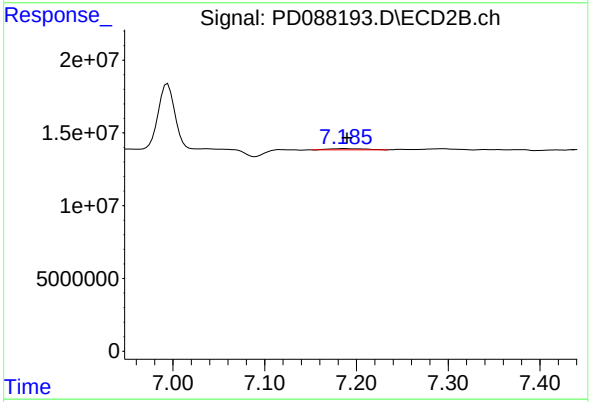
R.T.: 6.994 min
Delta R.T.: 0.000 min
Response: 56207490
Conc: 3.01 ng/ml



#22 Mirex

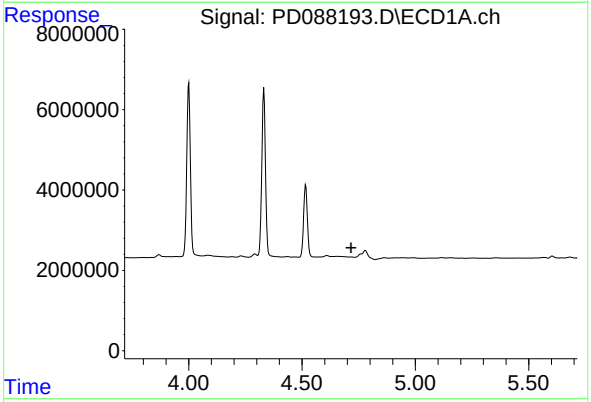
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



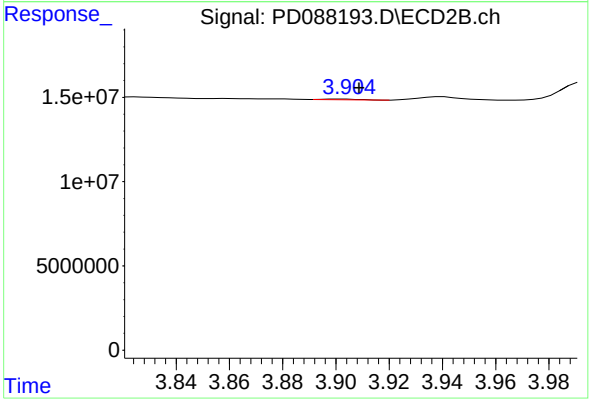
#22 Mirex

R.T.: 7.187 min
Delta R.T.: -0.003 min
Response: 2290493
Conc: 0.15 ng/ml



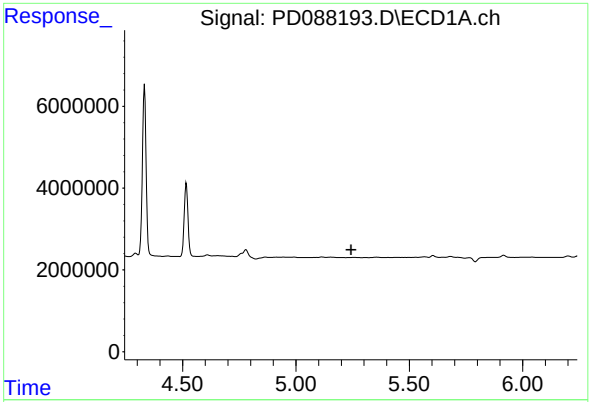
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 4.717 min
Response: 0
Conc: N.D.



#23 Chlordane-1

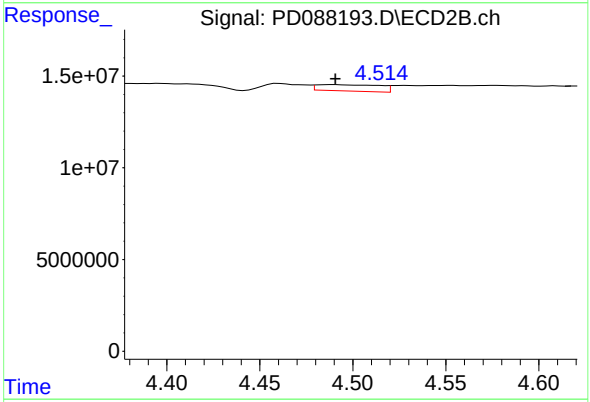
R.T.: 3.902 min
Delta R.T.: -0.007 min
Response: 409849
Conc: 0.51 ng/ml



#24 Chlordane-2

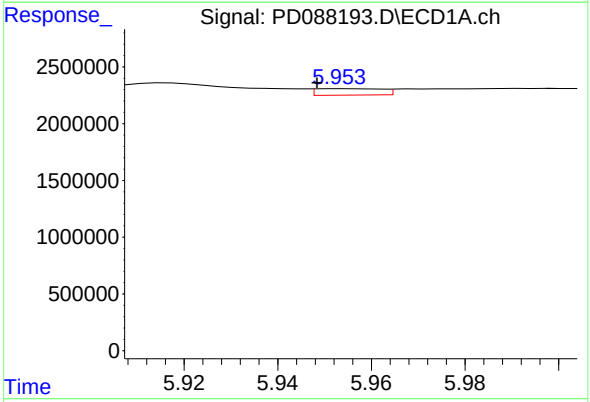
R.T.: 0.000 min
Exp R.T. : 5.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



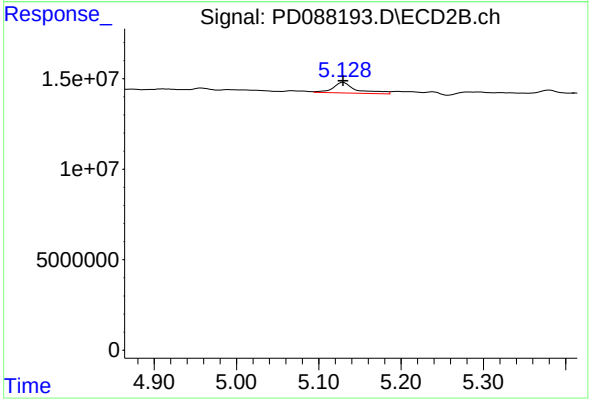
#24 Chlordane-2

R.T.: 4.490 min
Delta R.T.: -0.001 min
Response: 8146730
Conc: 9.87 ng/ml



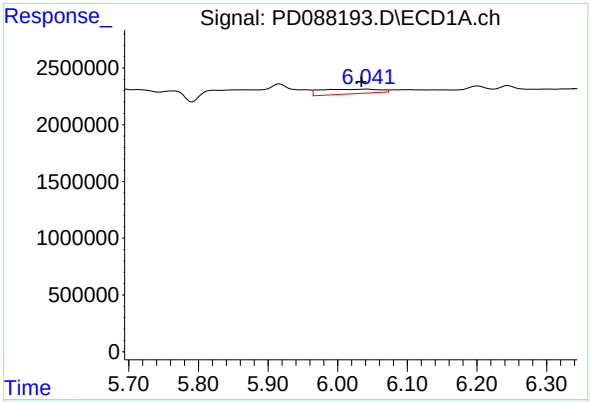
#25 Chlordane-3

R.T.: 5.954 min
Delta R.T.: 0.005 min
Response: 552895
Conc: 0.82 ng/ml



#25 Chlordane-3

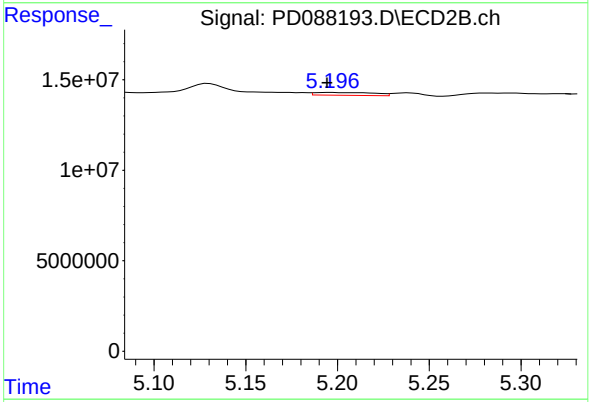
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 11826045
Conc: 4.68 ng/ml



#26 Chlordane-4

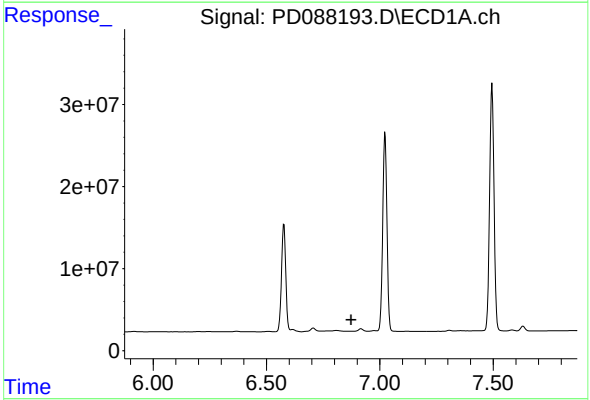
R.T.: 6.042 min
Delta R.T.: 0.008 min
Response: 2426533
Conc: 2.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



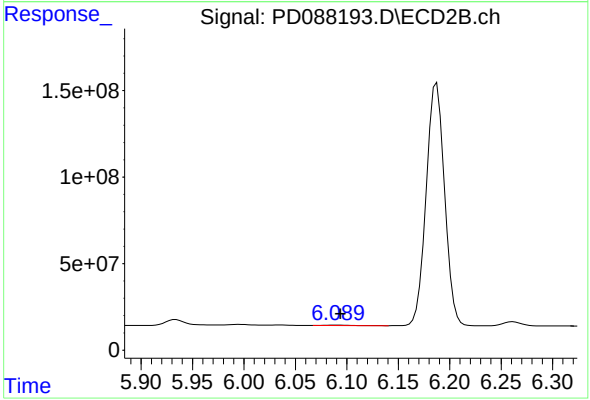
#26 Chlordane-4

R.T.: 5.197 min
Delta R.T.: 0.003 min
Response: 3540677
Conc: 1.66 ng/ml



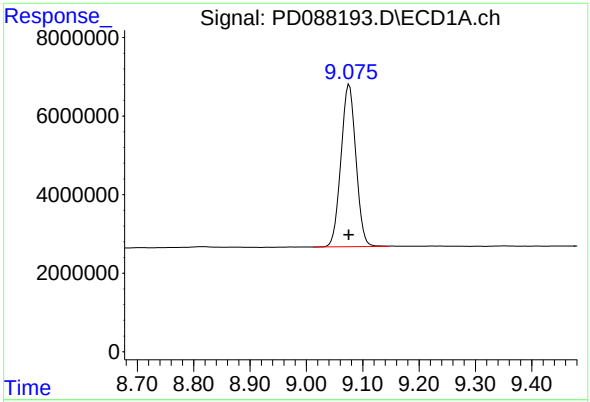
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 6.873 min
Response: 0
Conc: N.D.



#27 Chlordane-5

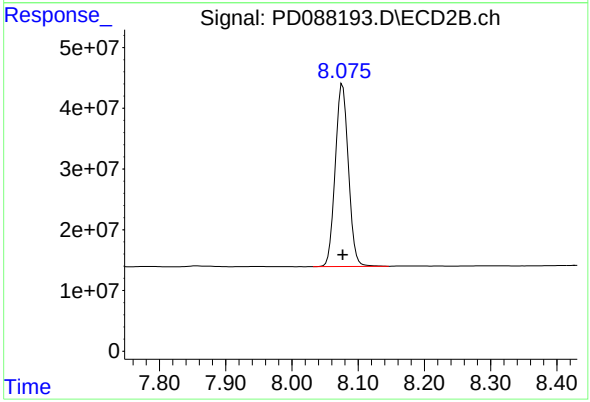
R.T.: 6.090 min
Delta R.T.: -0.003 min
Response: 3187354
Conc: 3.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: 0.001 min
Response: 75847740
Conc: 22.93 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 414540826
Conc: 22.43 ng/ml