Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041825\
Data File : PD088122.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2025 13:29
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 19 06:41:57 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	43154195	324.6E6	21.605	22.198	
28)	SA Decachlor...	9.075	8.076	76807188	424.1E6	23.218	22.951	
	Target Compounds							
2)	A alpha-BHC	4.000	3.396	42909357	267.8E6	9.951	11.716	
3)	MA gamma-BHC...	4.331	3.732	43874391	249.5E6	10.477	11.583	
5)	MB Aldrin	0.000	4.366	0	1288330	N.D.	0.062	#
6)	B beta-BHC	4.516	4.028	18444986	115.3E6	11.362	12.462	
7)	B delta-BHC	4.779	4.263	5275240	837549	1.279	0.039	#
8)	B Heptachlo...	5.683	4.874	813698	535696	0.228	0.028	#
9)	A Endosulfan I	0.000	5.247	0	794892	N.D.	0.044	#
10)	B gamma-Chl...	5.928f	5.129	321937	1205564	0.089	0.059	#
11)	B alpha-Chl...	6.006f	5.191	80454	1030998	0.022	0.053	#
12)	B 4,4'-DDE	6.200	5.380	353839	1439068	0.107	0.073	#
13)	MA Dieldrin	0.000	5.511	0	571550	N.D.	0.029	#
14)	MA Endrin	6.576	5.793	153.7E6	906.1E6	51.526	49.780	
15)	B Endosulfa...	6.771f	6.090	1258288	2549343	0.402	0.145	#
16)	A 4,4'-DDD	6.708	5.937	640061	5421580	0.255	0.331	#
17)	MA 4,4'-DDT	7.023	6.187	306.9E6	1746.0E6	110.509	102.608	
18)	B Endrin al...	6.915	6.262	3420195	27341768	1.482	2.056	#
19)	B Endosulfa...	0.000	6.481	0	1203169	N.D.	0.070	#
20)	A Methoxychlor	7.494	6.758	397.5E6	1966.3E6	265.100	215.579	
21)	B Endrin ke...	7.630	6.994	5091664	42676688	1.650	2.282	#
22)	Mirex	0.000	7.180	0	2732226	N.D.	0.184	#
23)	Chlordane-1	0.000	3.901	0	632650	N.D.	0.789	#
24)	Chlordane-2	0.000	4.481	0	618639	N.D.	0.750	#
25)	Chlordane-3	5.928	5.129	321937	1205564	0.477	0.477	
26)	Chlordane-4	6.006f	5.191	80454	1030998	0.099	0.482	#
27)	Chlordane-5	0.000	6.090	0	2549343	N.D.	2.640	#

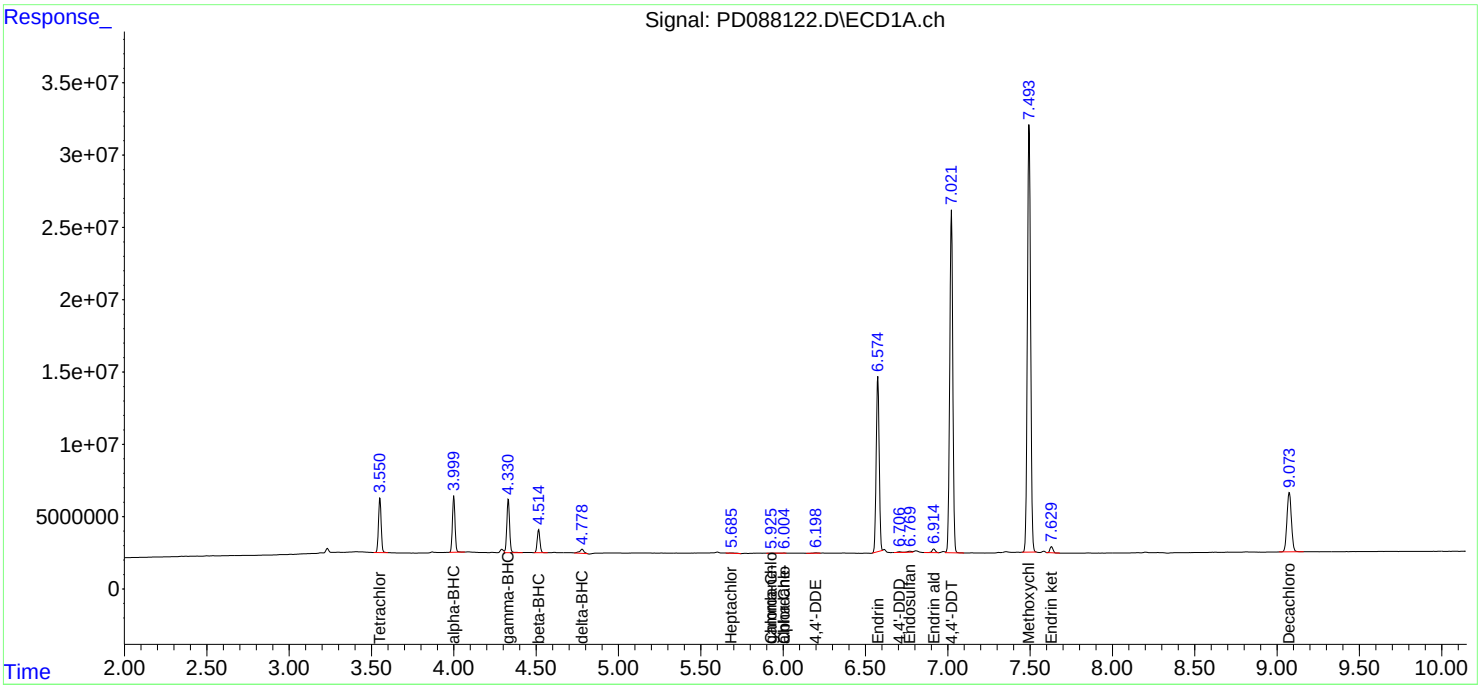
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

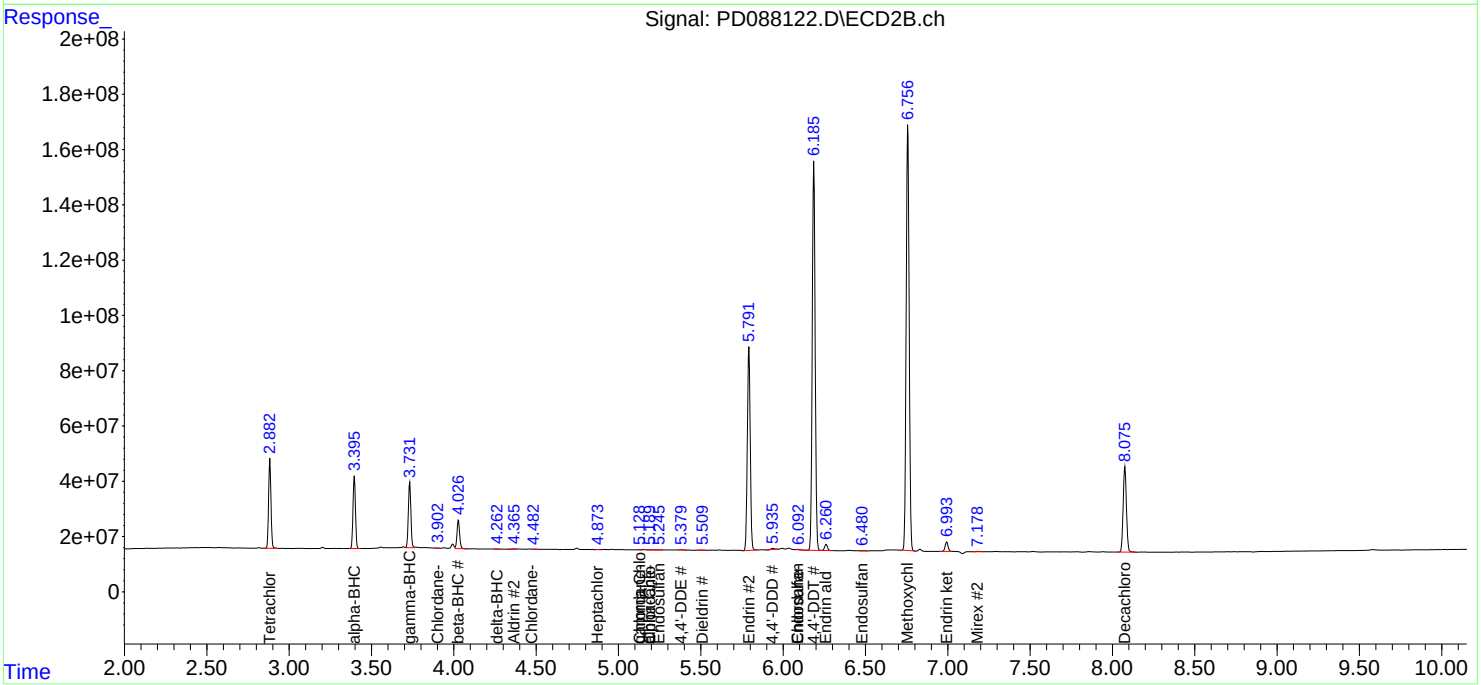
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD041825\
Data File : PD088122.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Apr 2025 13:29
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

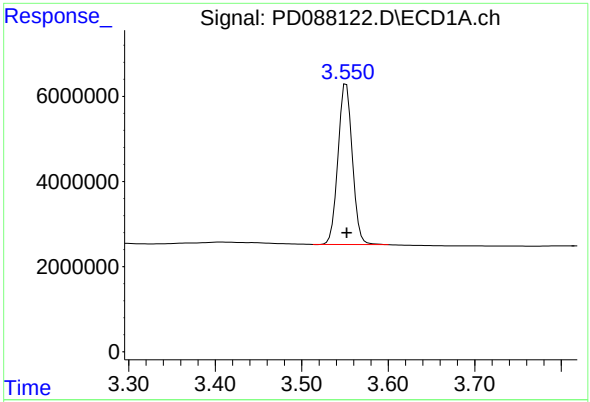
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 19 06:41:57 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



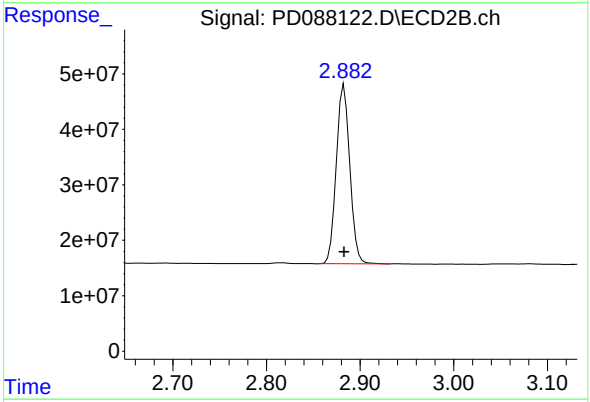




#1 Tetrachloro-m-xylene

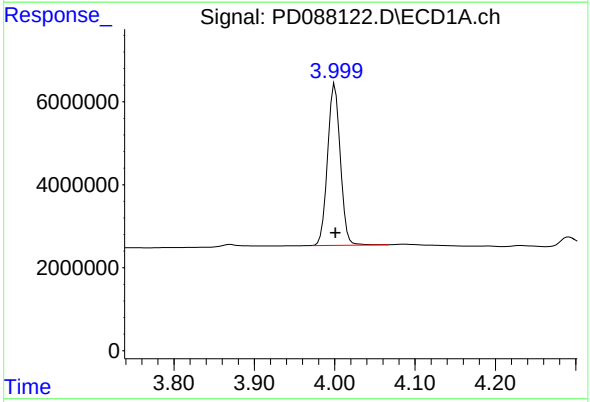
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43154195
Conc: 21.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



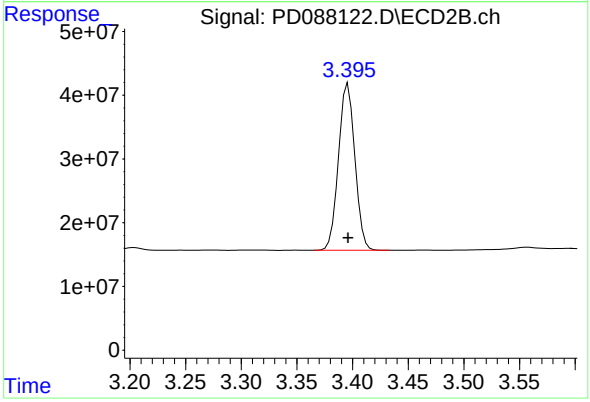
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 324567676
Conc: 22.20 ng/ml



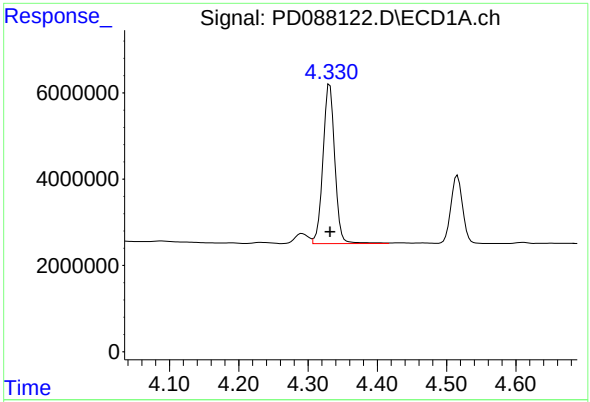
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 42909357
Conc: 9.95 ng/ml



#2 alpha-BHC

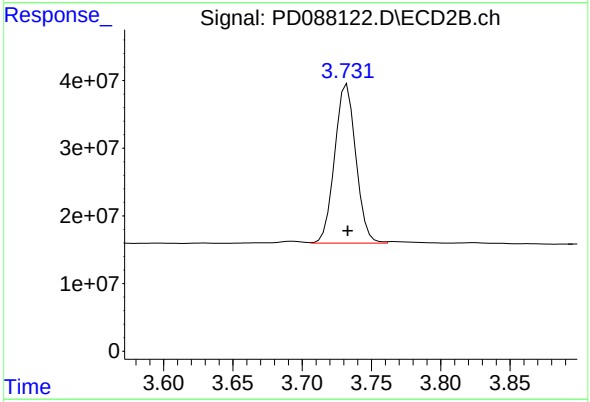
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 267840155
Conc: 11.72 ng/ml



#3 gamma-BHC (Lindane)

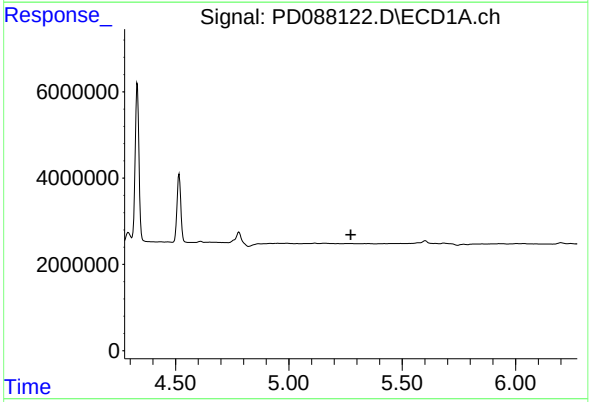
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 43874391
Conc: 10.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



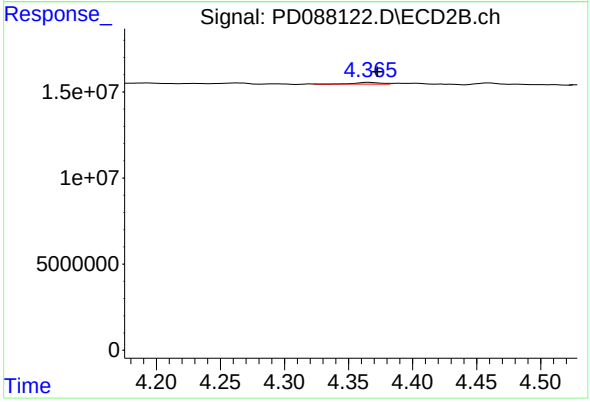
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 249483869
Conc: 11.58 ng/ml



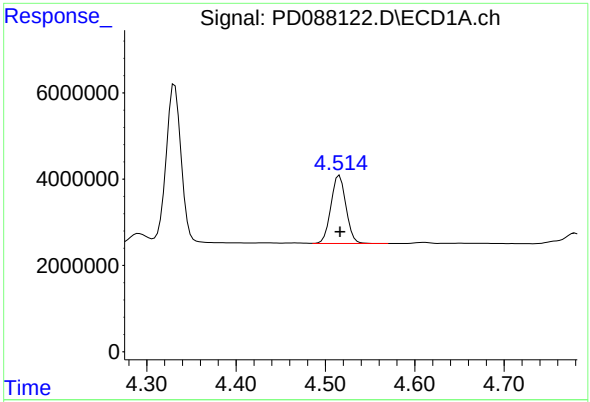
#5 Aldrin

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



#5 Aldrin

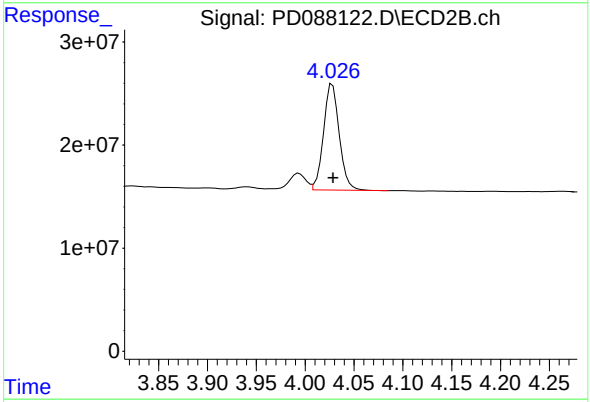
R.T.: 4.366 min
Delta R.T.: -0.006 min
Response: 1288330
Conc: 0.06 ng/ml



#6 beta-BHC

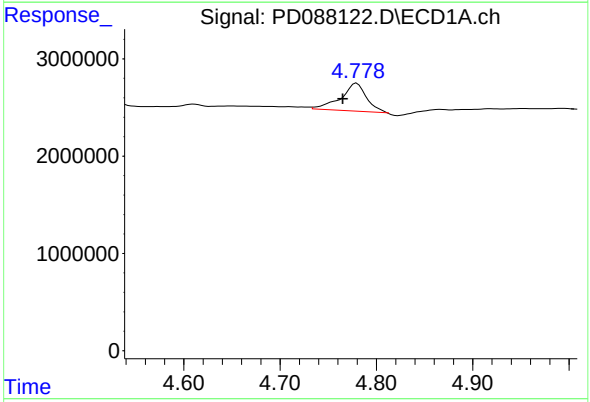
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 18444986
Conc: 11.36 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



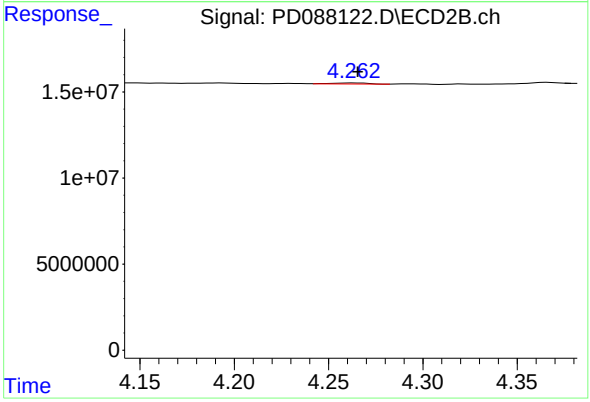
#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 115325342
Conc: 12.46 ng/ml



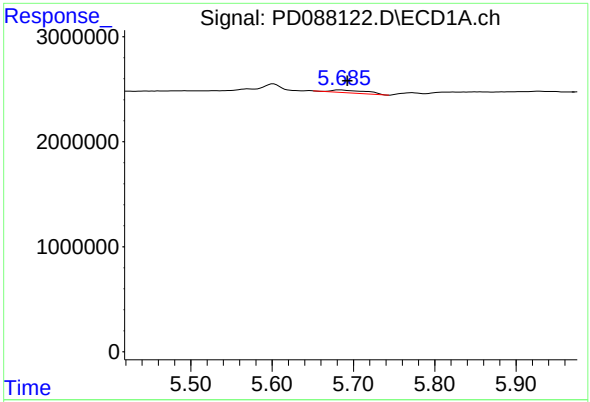
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 5275240
Conc: 1.28 ng/ml



#7 delta-BHC

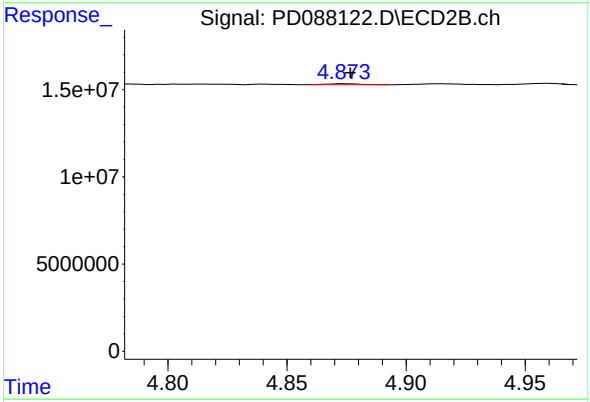
R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 837549
Conc: 0.04 ng/ml



#8 Heptachlor epoxide

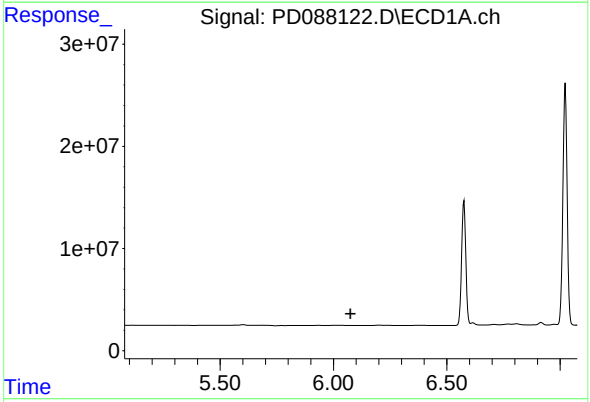
R.T.: 5.683 min
Delta R.T.: -0.009 min
Response: 813698
Conc: 0.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



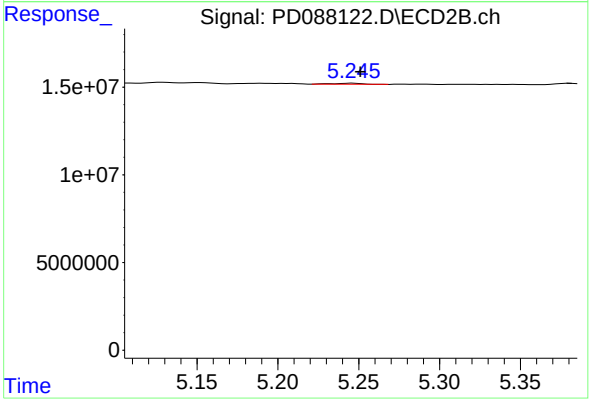
#8 Heptachlor epoxide

R.T.: 4.874 min
Delta R.T.: -0.002 min
Response: 535696
Conc: 0.03 ng/ml



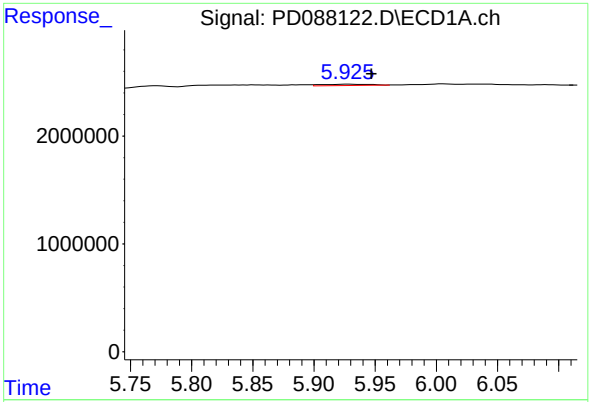
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.



#9 Endosulfan I

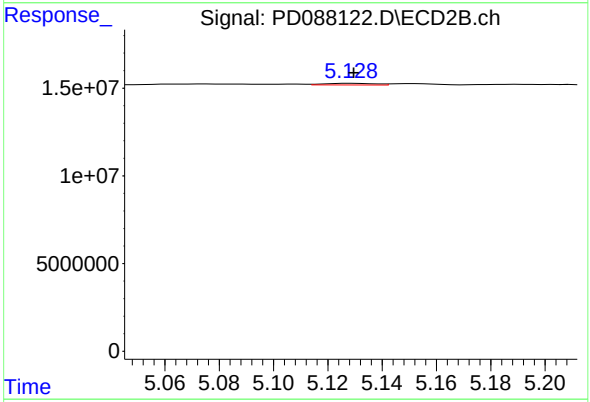
R.T.: 5.247 min
Delta R.T.: -0.004 min
Response: 794892
Conc: 0.04 ng/ml



#10 gamma-Chlordane

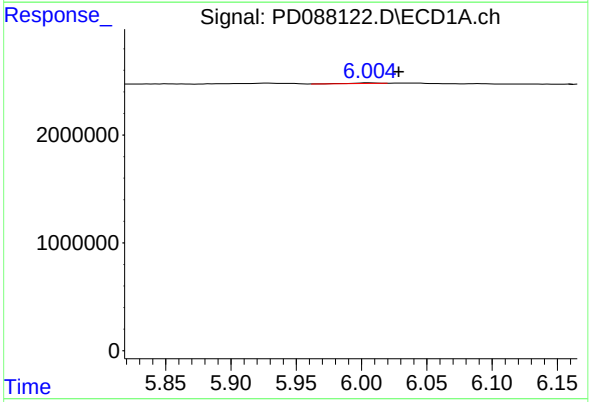
R.T.: 5.928 min
Delta R.T.: -0.019 min
Response: 321937
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



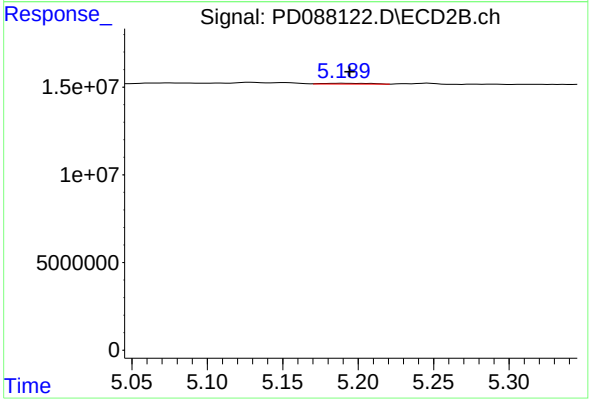
#10 gamma-Chlordane

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1205564
Conc: 0.06 ng/ml



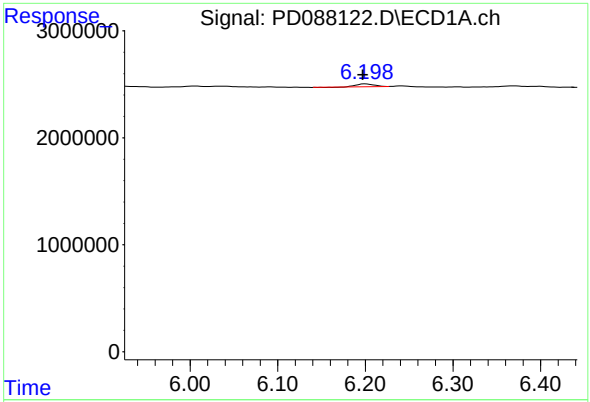
#11 alpha-Chlordane

R.T.: 6.006 min
Delta R.T.: -0.023 min
Response: 80454
Conc: 0.02 ng/ml



#11 alpha-Chlordane

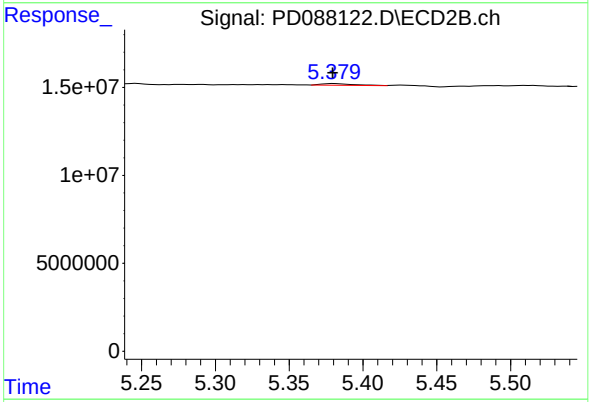
R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 1030998
Conc: 0.05 ng/ml



#12 4,4'-DDE

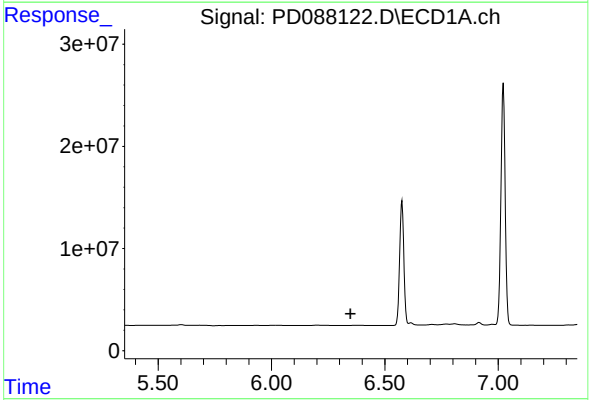
R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 353839
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



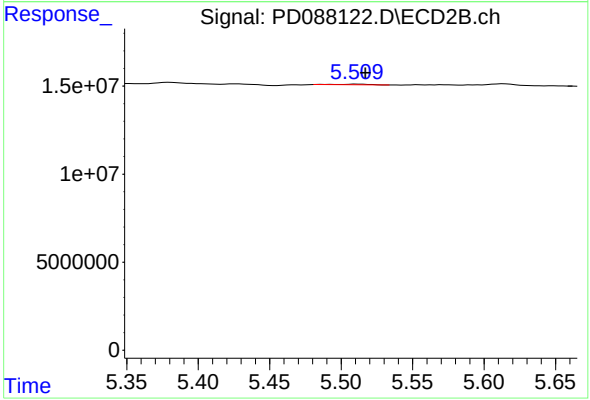
#12 4,4'-DDE

R.T.: 5.380 min
Delta R.T.: 0.000 min
Response: 1439068
Conc: 0.07 ng/ml



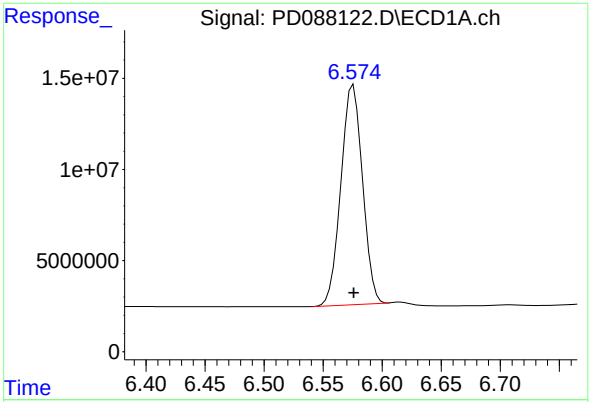
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 6.349 min
Response: 0
Conc: N.D.



#13 Dieldrin

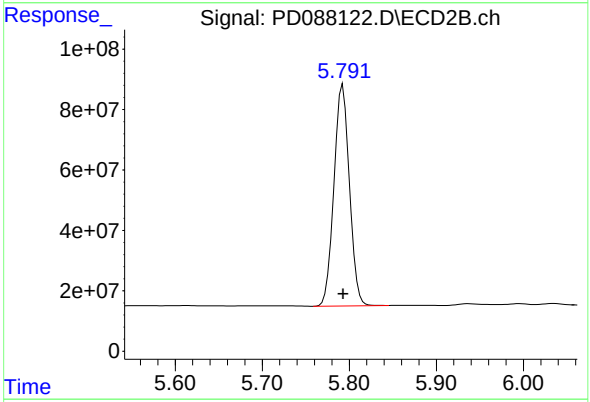
R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 571550
Conc: 0.03 ng/ml



#14 Endrin

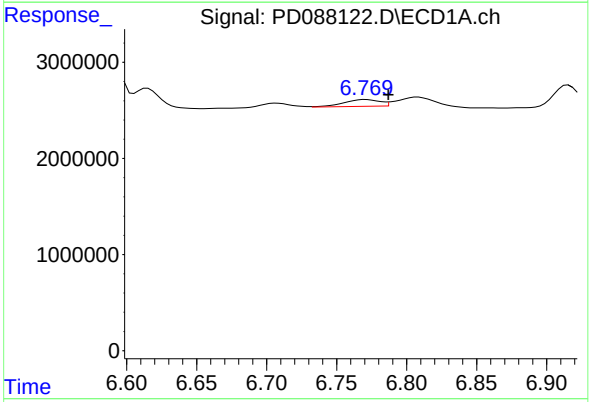
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 153680371
Conc: 51.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



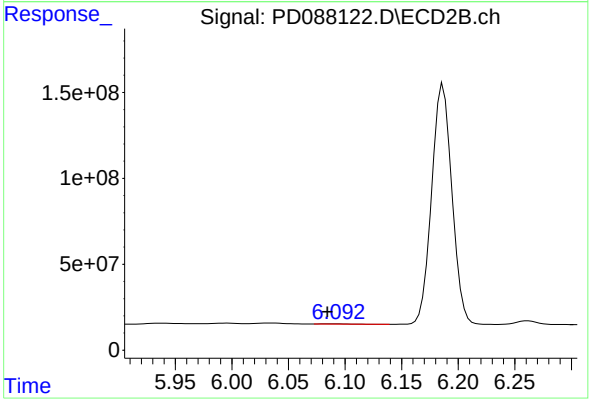
#14 Endrin

R.T.: 5.793 min
Delta R.T.: 0.000 min
Response: 906106216
Conc: 49.78 ng/ml



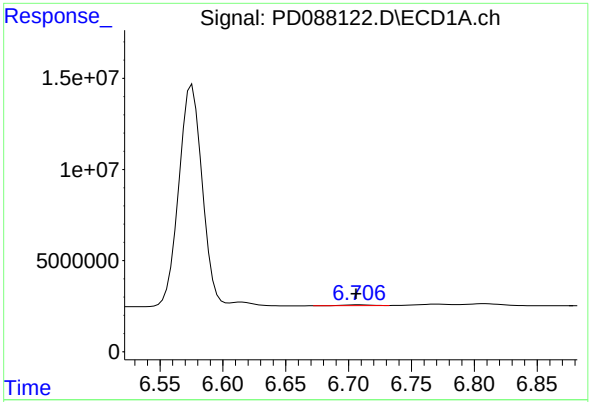
#15 Endosulfan II

R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 1258288
Conc: 0.40 ng/ml



#15 Endosulfan II

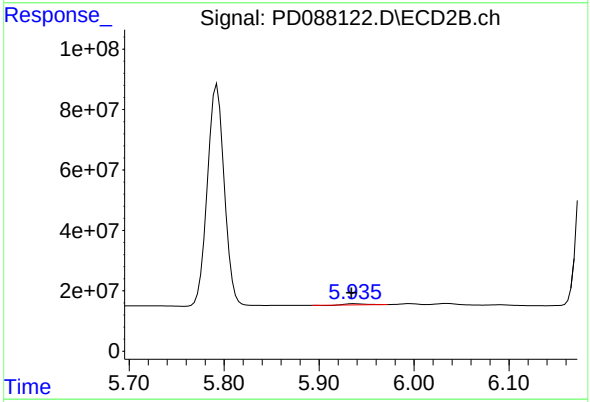
R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 2549343
Conc: 0.15 ng/ml



#16 4,4'-DDD

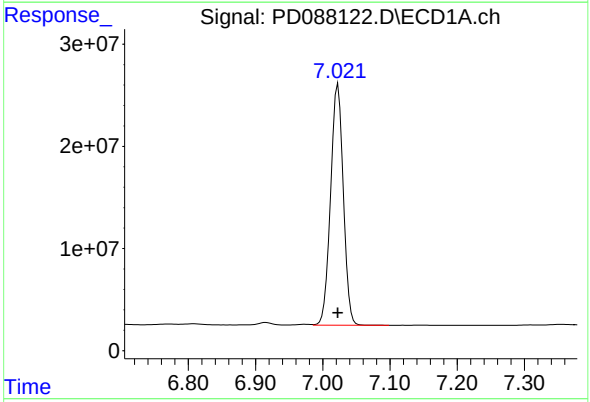
R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 640061
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



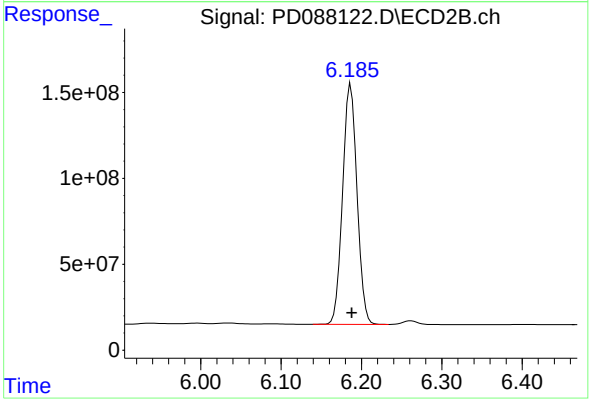
#16 4,4'-DDD

R.T.: 5.937 min
Delta R.T.: 0.003 min
Response: 5421580
Conc: 0.33 ng/ml



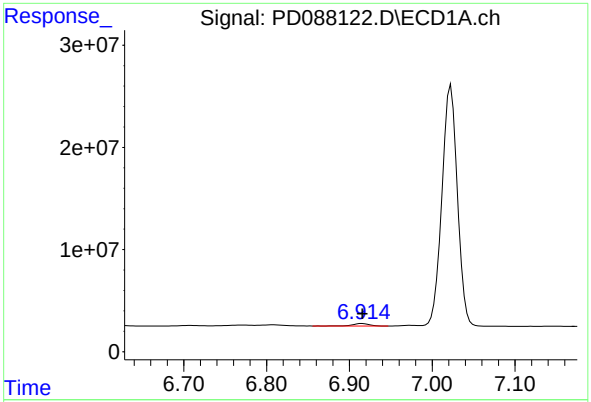
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 306944308
Conc: 110.51 ng/ml



#17 4,4'-DDT

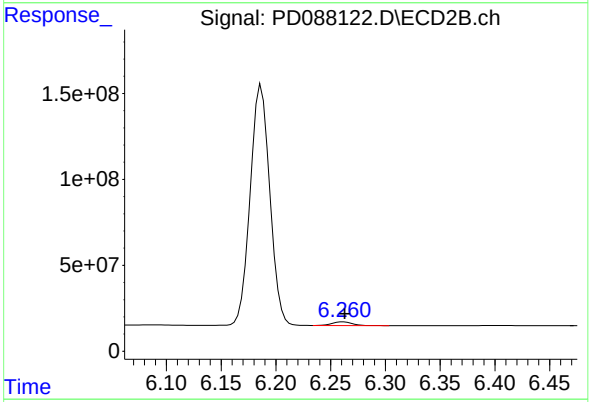
R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 1746026847
Conc: 102.61 ng/ml



#18 Endrin aldehyde

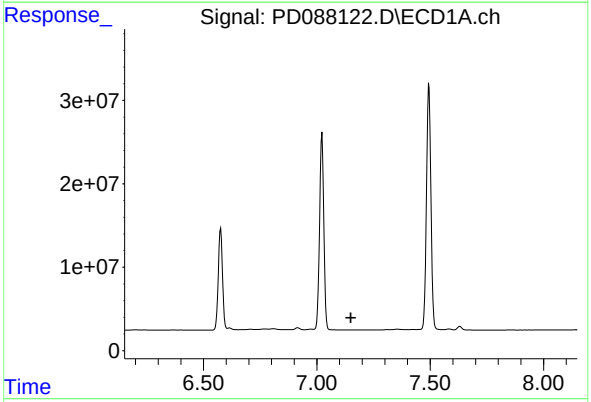
R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3420195
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



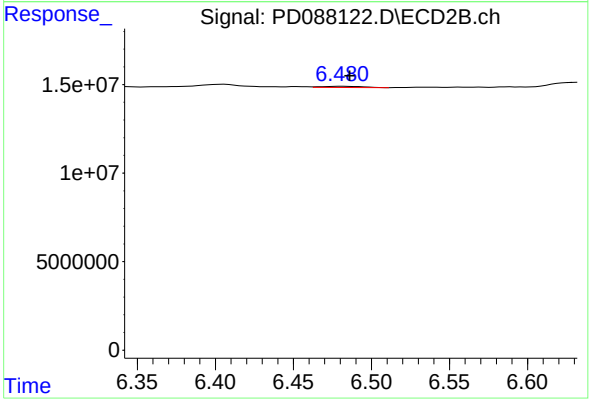
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 27341768
Conc: 2.06 ng/ml



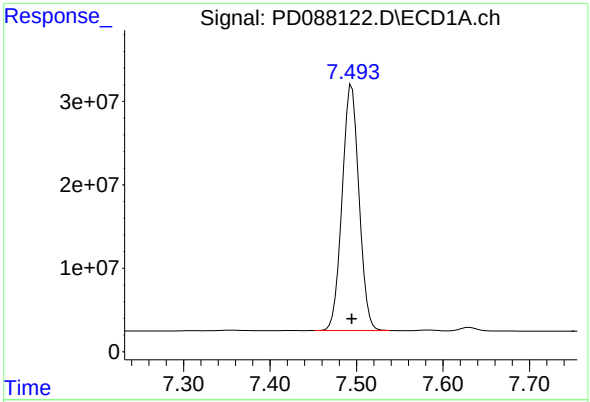
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

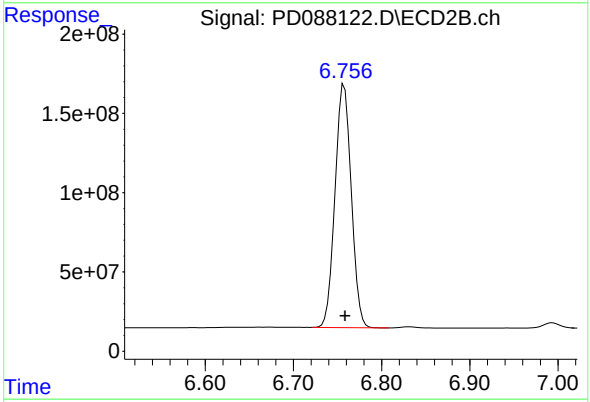
R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1203169
Conc: 0.07 ng/ml



#20 Methoxychlor

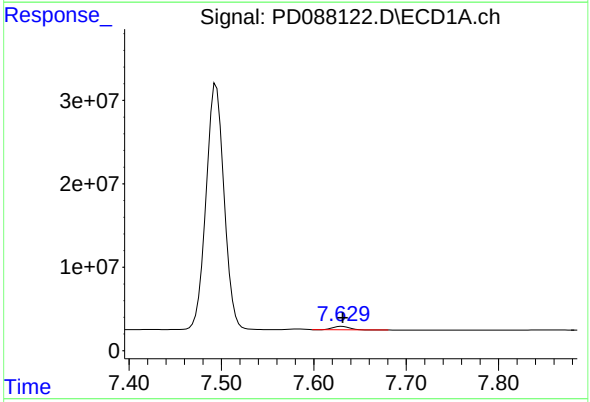
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 397529018
Conc: 265.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



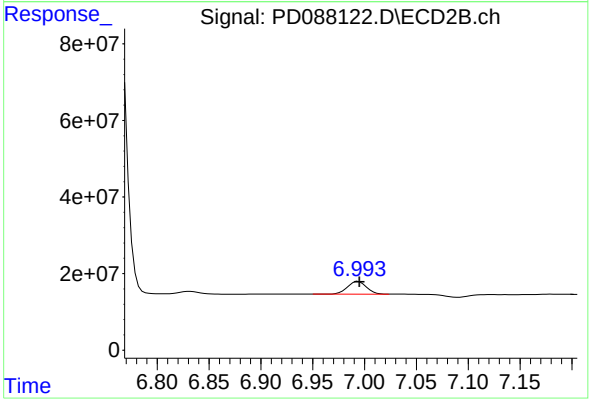
#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1966308207
Conc: 215.58 ng/ml



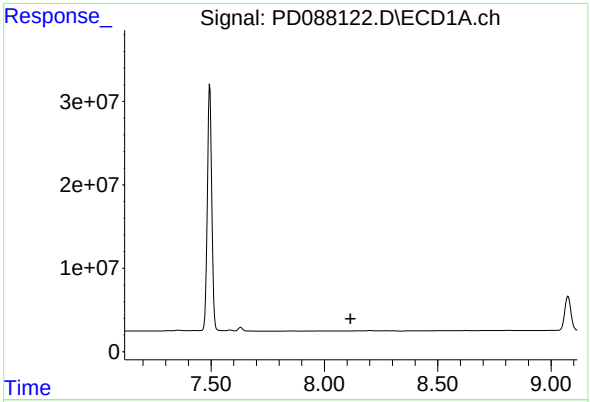
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 5091664
Conc: 1.65 ng/ml



#21 Endrin ketone

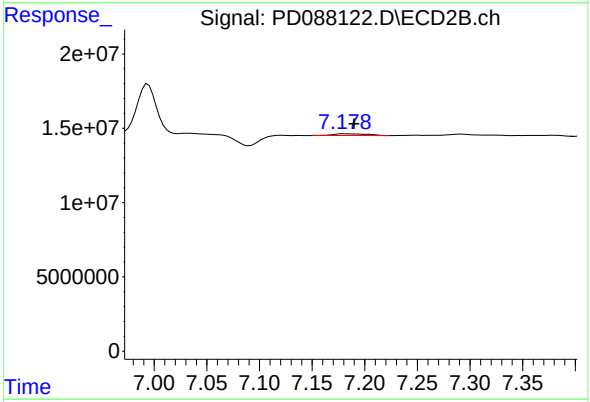
R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 42676688
Conc: 2.28 ng/ml



#22 Mirex

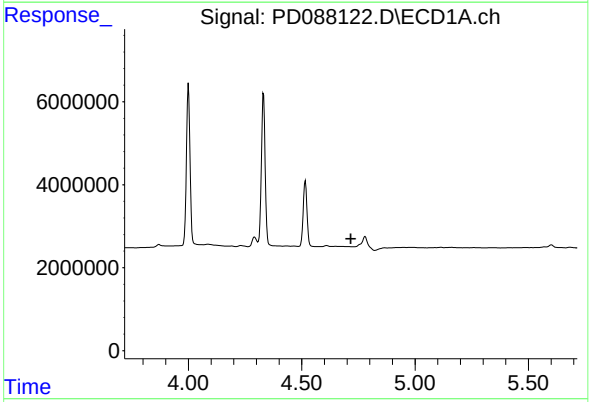
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



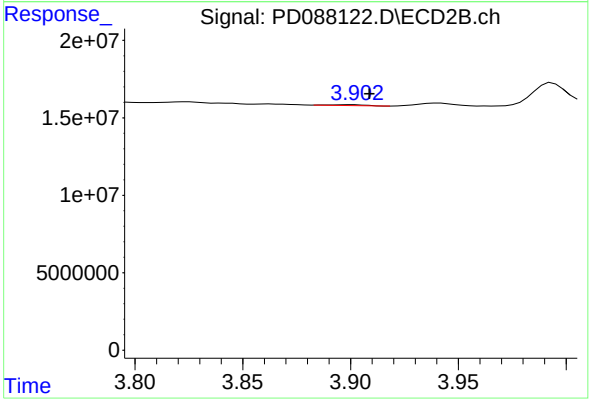
#22 Mirex

R.T.: 7.180 min
Delta R.T.: -0.010 min
Response: 2732226
Conc: 0.18 ng/ml



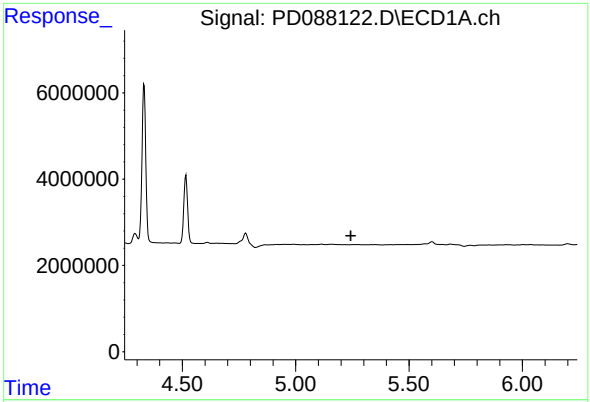
#23 Chlordane-1

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



#23 Chlordane-1

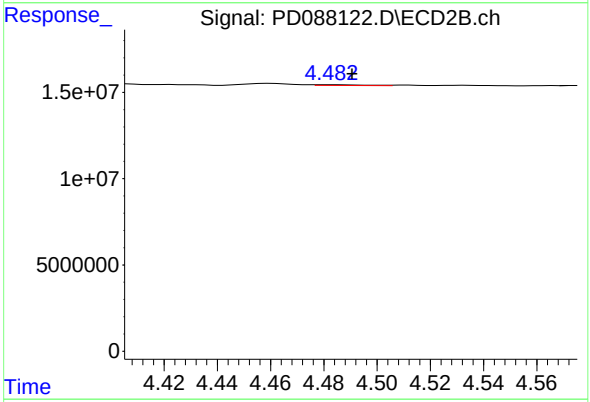
R.T.: 3.901 min
Delta R.T.: -0.008 min
Response: 632650
Conc: 0.79 ng/ml



#24 Chlordane-2

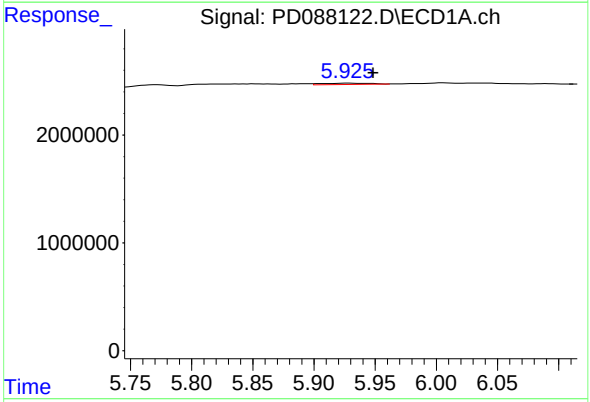
R.T.: 0.000 min
Exp R.T. : 5.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



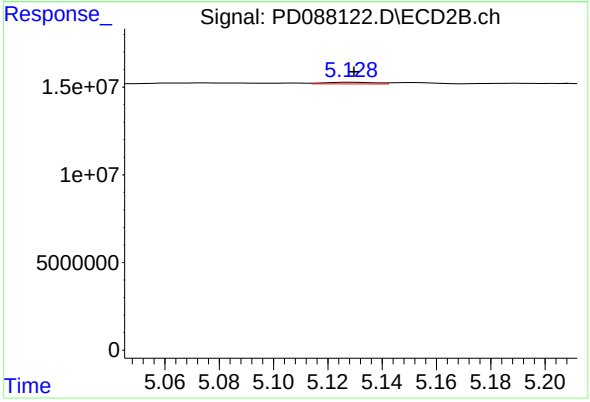
#24 Chlordane-2

R.T.: 4.481 min
Delta R.T.: -0.009 min
Response: 618639
Conc: 0.75 ng/ml



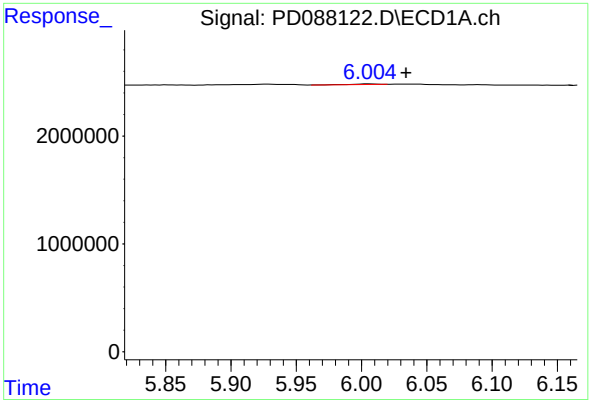
#25 Chlordane-3

R.T.: 5.928 min
Delta R.T.: -0.021 min
Response: 321937
Conc: 0.48 ng/ml



#25 Chlordane-3

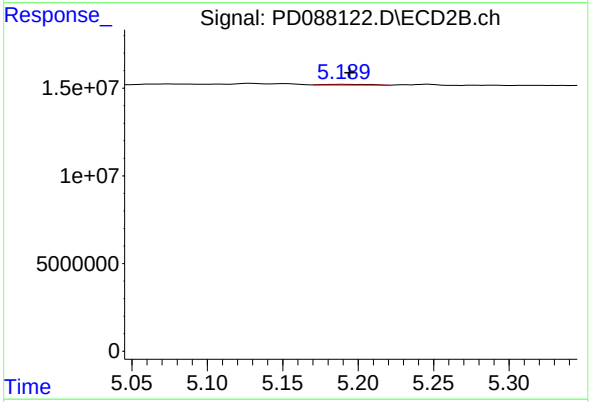
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 1205564
Conc: 0.48 ng/ml



#26 Chlordane-4

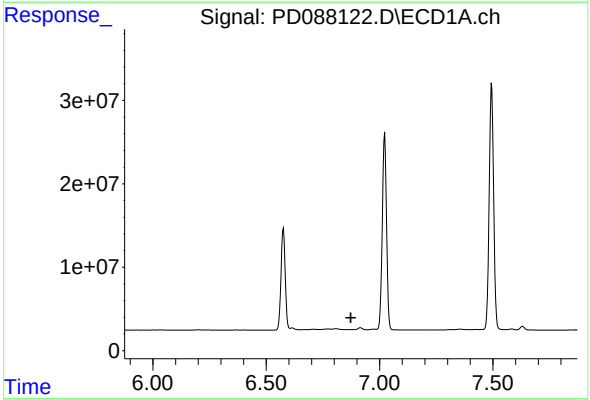
R.T.: 6.006 min
Delta R.T.: -0.028 min
Response: 80454
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



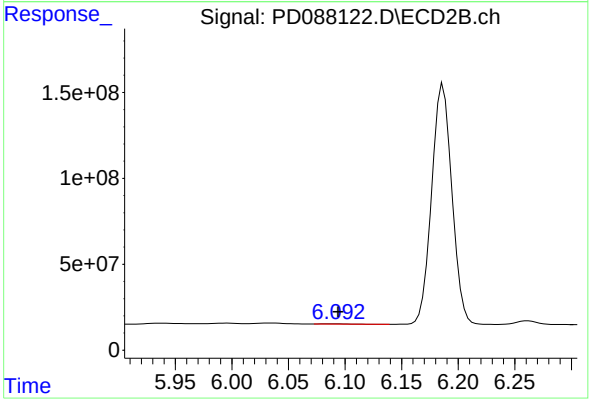
#26 Chlordane-4

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 1030998
Conc: 0.48 ng/ml



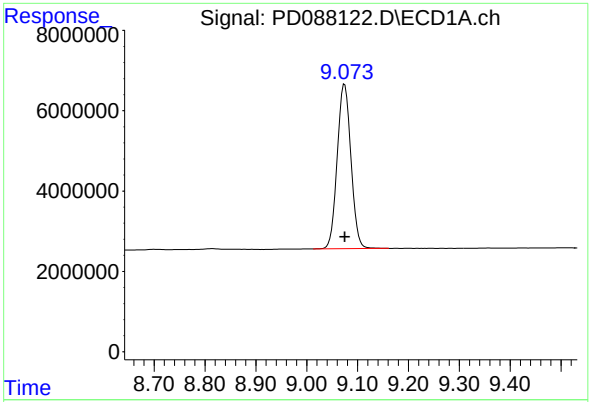
#27 Chlordane-5

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



#27 Chlordane-5

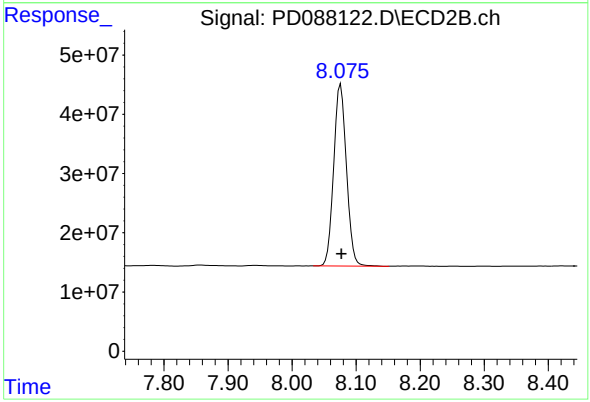
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 2549343
Conc: 2.64 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 76807188
Conc: 23.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 424133792
Conc: 22.95 ng/ml