Quantitation Report (Not Reviewed)

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:50
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 30 00:47:25 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	2.881	44295799	312.6E6	22.177	21.378	
28)	SA Decachlor...	9.075	8.075	70065316	366.9E6	21.180	19.854	
	Target Compounds							
2)	A alpha-BHC	4.000	3.394	43596023	253.0E6	10.110	11.066	
3)	MA gamma-BHC...	4.331	3.731	44151214	238.2E6	10.544	11.057	
4)	MA Heptachlor	0.000	4.085	0	1785482	N.D.	0.083	#
5)	MB Aldrin	0.000	4.366	0	2286131	N.D.	0.110	#
6)	B beta-BHC	4.516	4.027	18839626	105.4E6	11.605	11.391	
7)	B delta-BHC	4.778	4.264	3266747	784100	0.792	0.037	#
8)	B Heptachlo...	5.677f	4.882	1082744	772543	0.303	0.041	#
9)	A Endosulfan I	6.098f	5.231f	67031	3031705	0.020	0.168	#
10)	B gamma-Chl...	5.948	5.129	754819	24357192	0.208	1.200	#
11)	B alpha-Chl...	6.026	5.191	1507905	6032914	0.418	0.308	#
12)	B 4,4'-DDE	6.204	5.381	460234	3839997	0.140	0.195	#
13)	MA Dieldrin	6.367f	5.513	1013623	171059	0.284	0.009	#
14)	MA Endrin	6.575	5.791	167.3E6	906.5E6	56.105	49.801	
15)	B Endosulfa...	6.769f	6.088	641853	3749949	0.205	0.214	
16)	A 4,4'-DDD	6.705	5.932	7013922	49725425	2.789	3.035	
17)	MA 4,4'-DDT	7.022	6.186	291.7E6	1580.8E6	105.027	92.896	
18)	B Endrin al...	6.919	6.259	1106759	7835858	0.480	0.589	
20)	A Methoxychlor	7.494	6.757	361.8E6	1708.9E6	241.280	187.361	
21)	B Endrin ke...	7.631	6.993	2200532	22272170	0.713	1.191	#
22)	Mirex	0.000	7.179	0	3456076	N.D.	0.233	#
23)	Chlordane-1	0.000	3.901	0	1821423	N.D.	2.272	#
24)	Chlordane-2	0.000	4.482	0	2533651	N.D.	3.070	#
25)	Chlordane-3	5.948	5.129	754819	24357192	1.119	9.631	#
26)	Chlordane-4	6.026	5.191	1507905	6032914	1.849	2.822	#
27)	Chlordane-5	0.000	6.088	0	3749949	N.D.	3.884	#

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

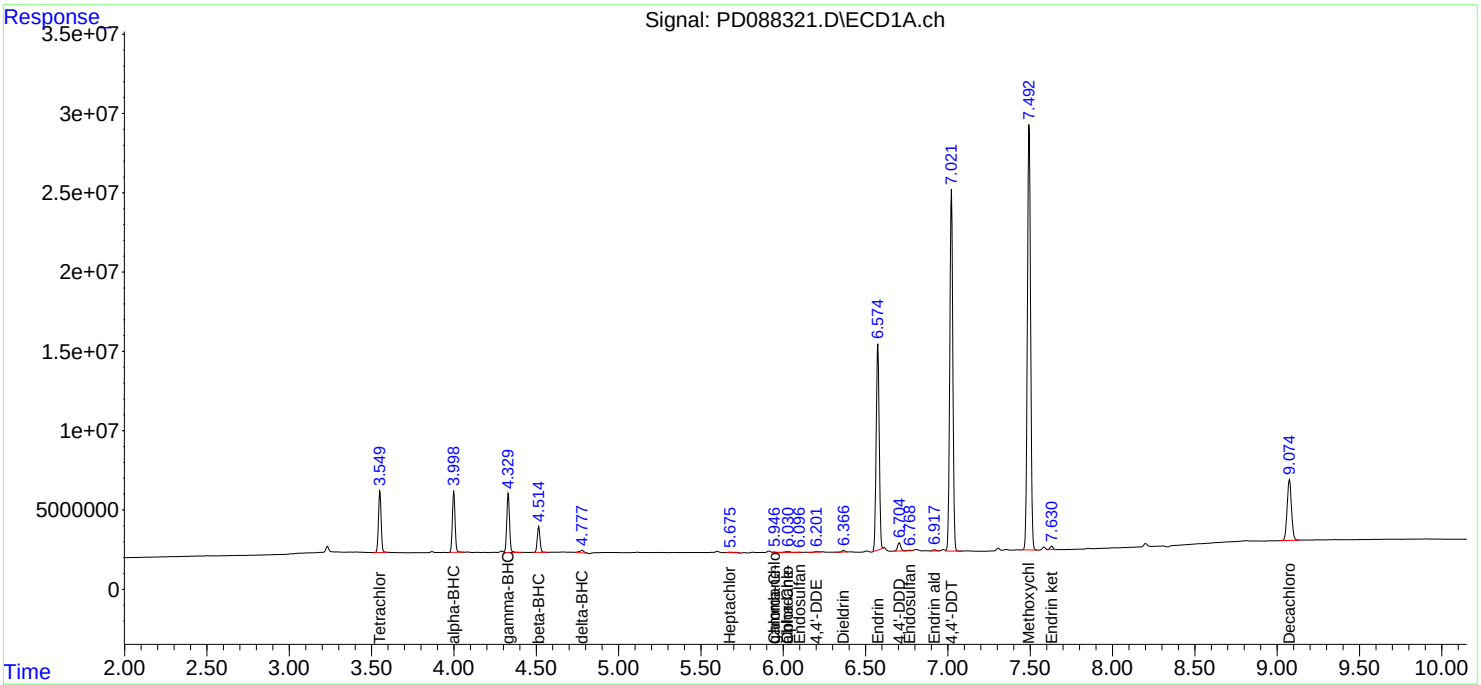
Quantitation Report (Not Reviewed)

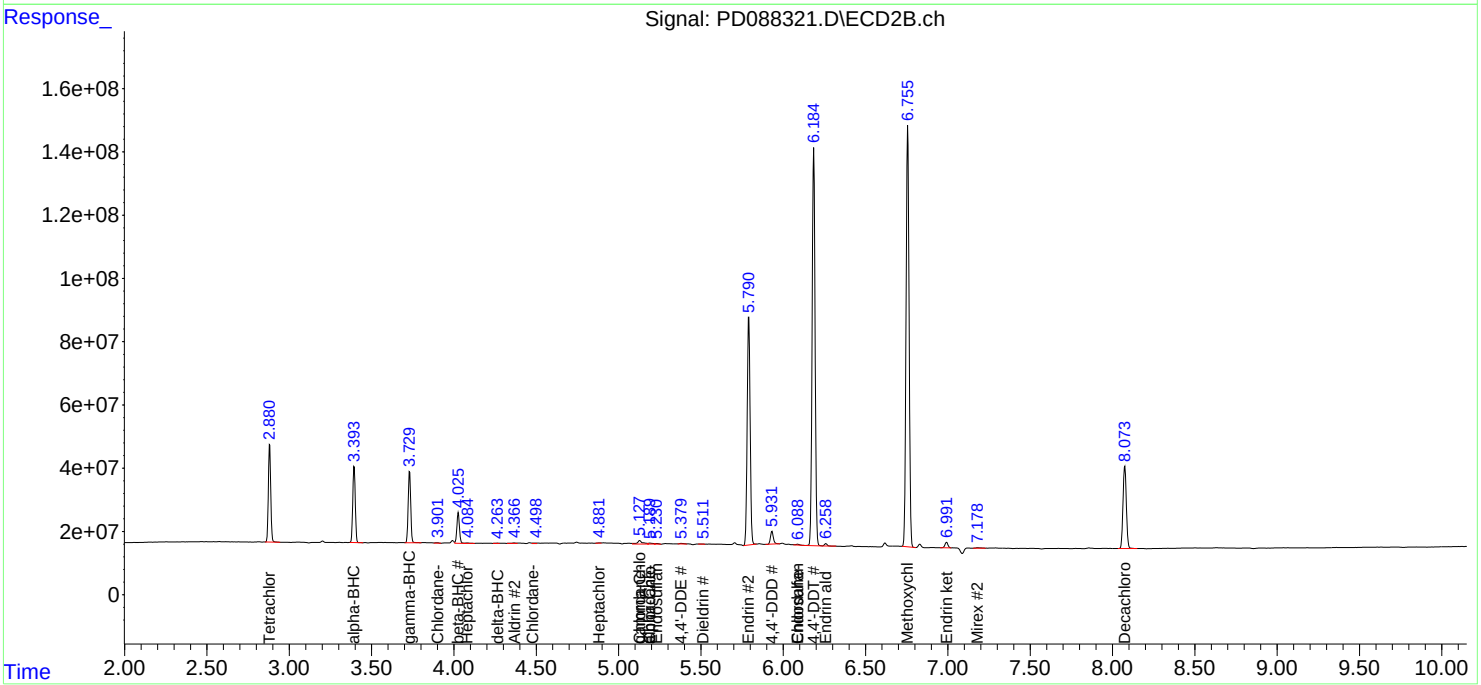
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042925\
Data File : PD088321.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 29 Apr 2025 11:50
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

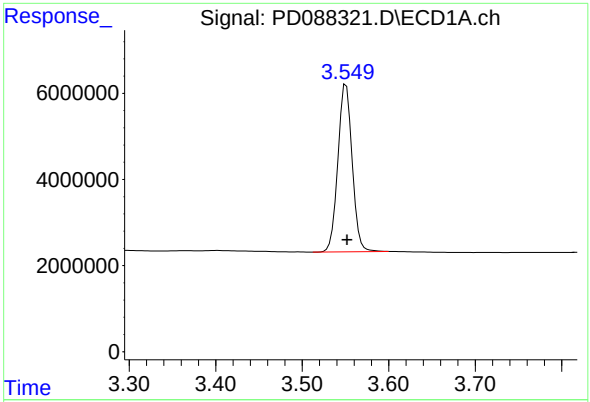
Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 30 00:47:25 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



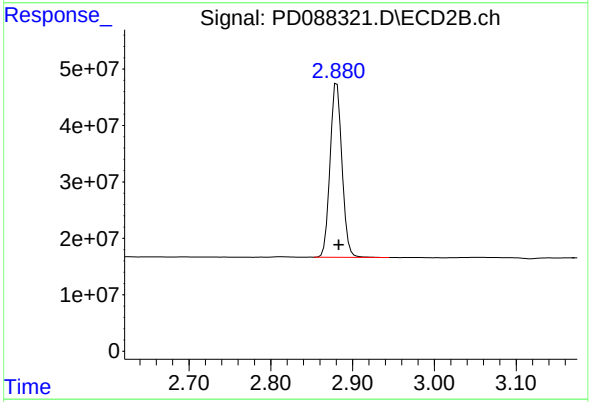




#1 Tetrachloro-m-xylene

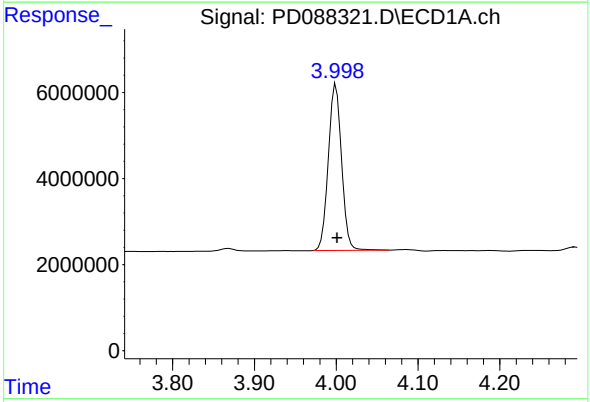
R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 44295799
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



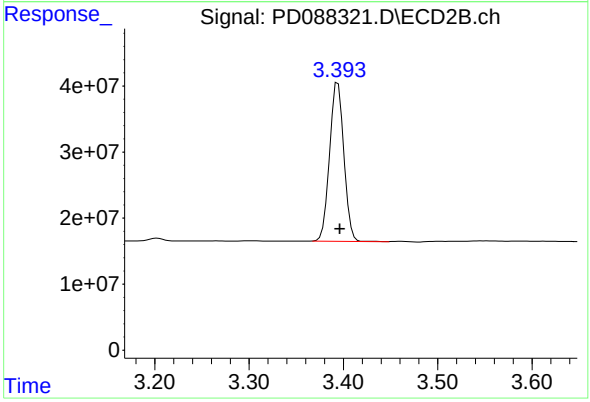
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 312581390
Conc: 21.38 ng/ml



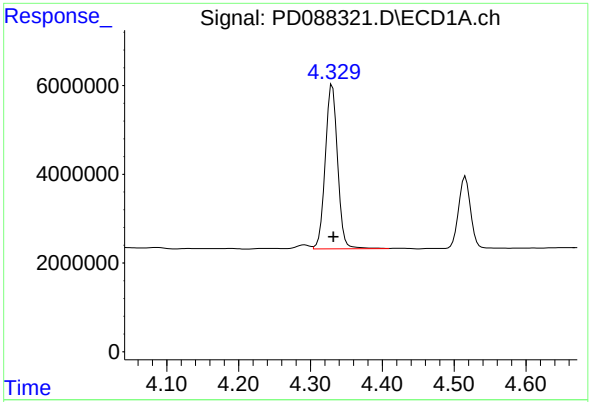
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 43596023
Conc: 10.11 ng/ml



#2 alpha-BHC

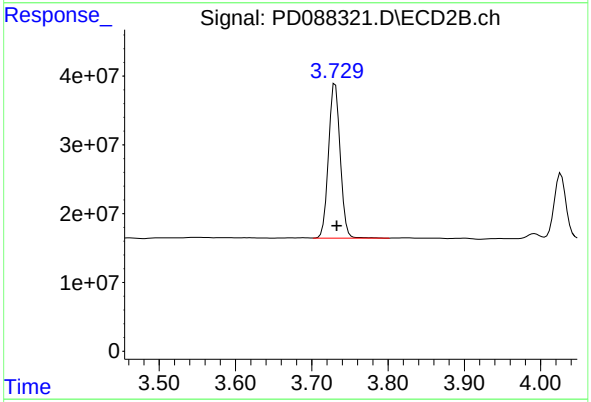
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 252976229
Conc: 11.07 ng/ml



#3 gamma-BHC (Lindane)

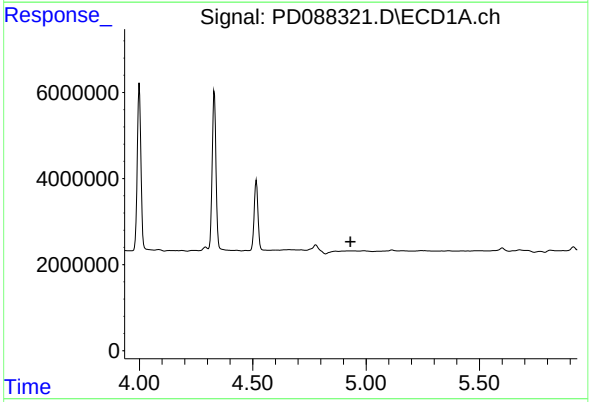
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 44151214
Conc: 10.54 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



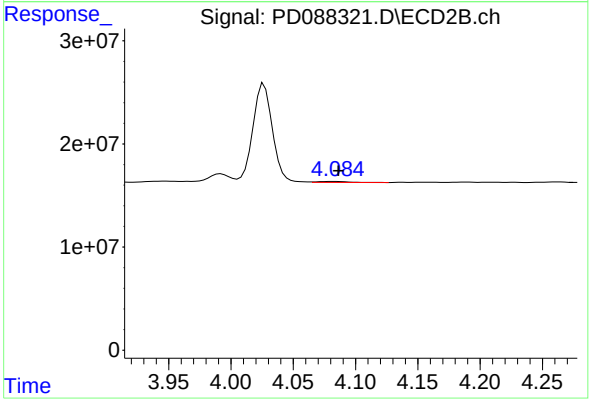
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 238151903
Conc: 11.06 ng/ml



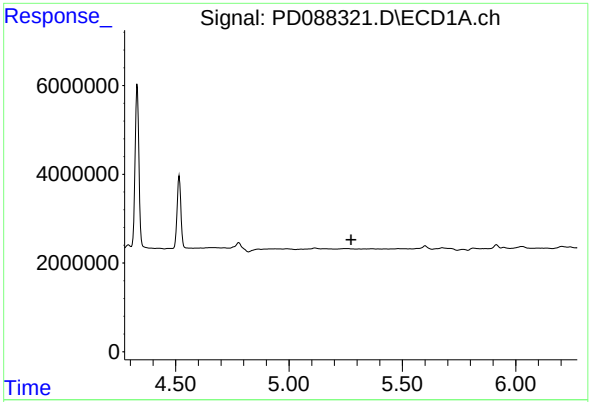
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

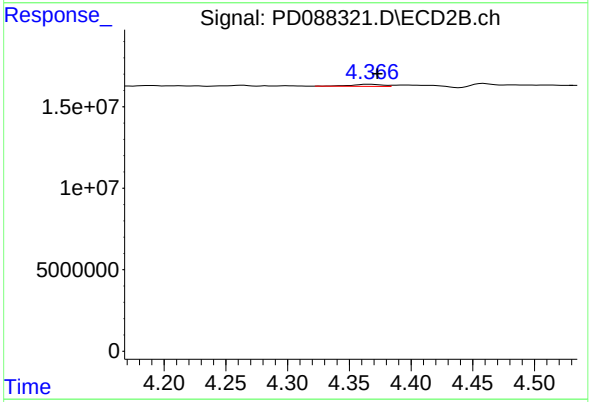
R.T.: 4.085 min
Delta R.T.: -0.002 min
Response: 1785482
Conc: 0.08 ng/ml



#5 Aldrin

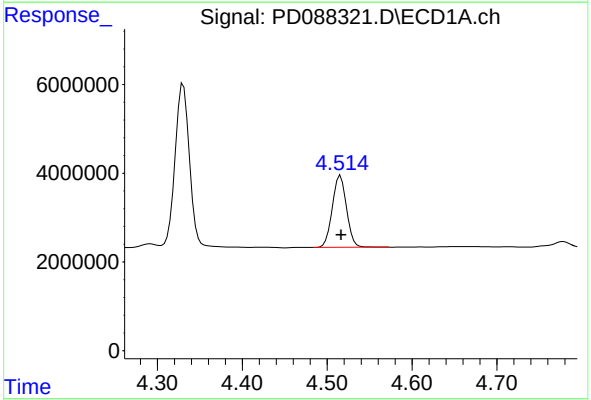
R.T.: 0.000 min
Exp R.T. : 5.273 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



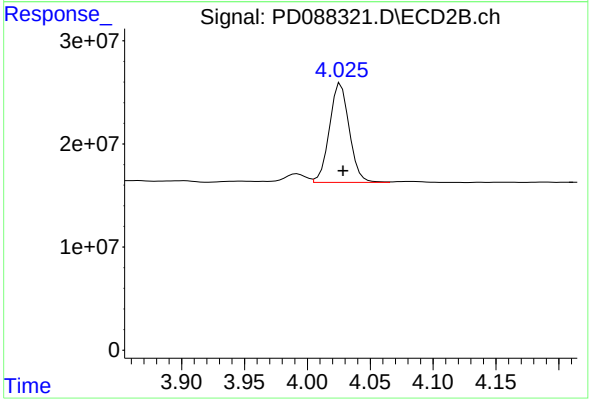
#5 Aldrin

R.T.: 4.366 min
Delta R.T.: -0.007 min
Response: 2286131
Conc: 0.11 ng/ml



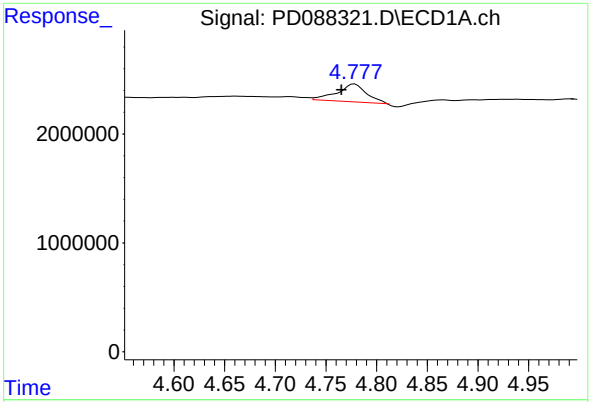
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 18839626
Conc: 11.61 ng/ml



#6 beta-BHC

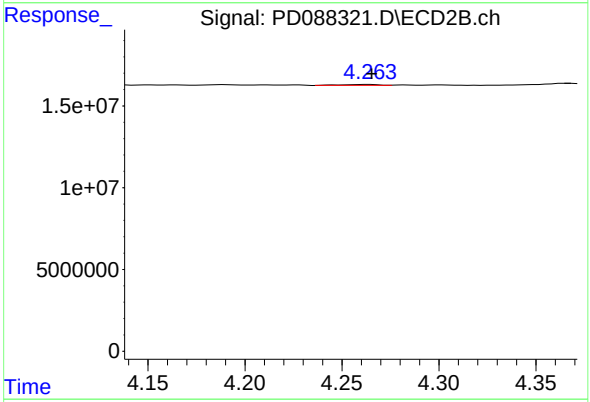
R.T.: 4.027 min
Delta R.T.: -0.002 min
Response: 105413285
Conc: 11.39 ng/ml



#7 delta-BHC

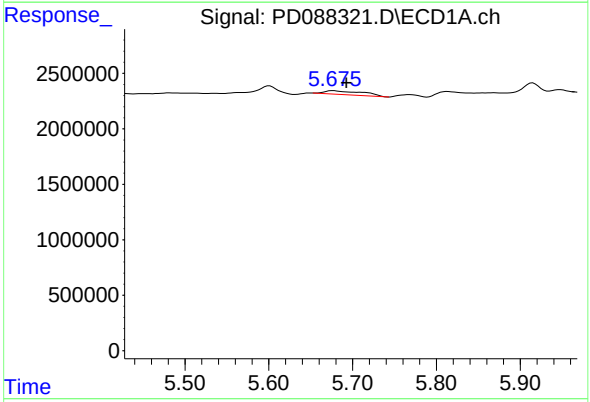
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 3266747
Conc: 0.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



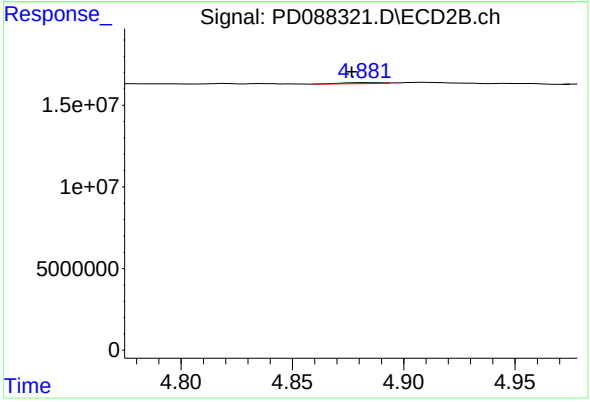
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: -0.001 min
Response: 784100
Conc: 0.04 ng/ml



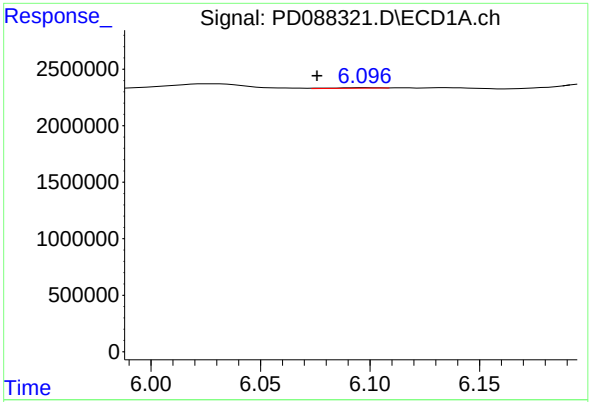
#8 Heptachlor epoxide

R.T.: 5.677 min
Delta R.T.: -0.016 min
Response: 1082744
Conc: 0.30 ng/ml



#8 Heptachlor epoxide

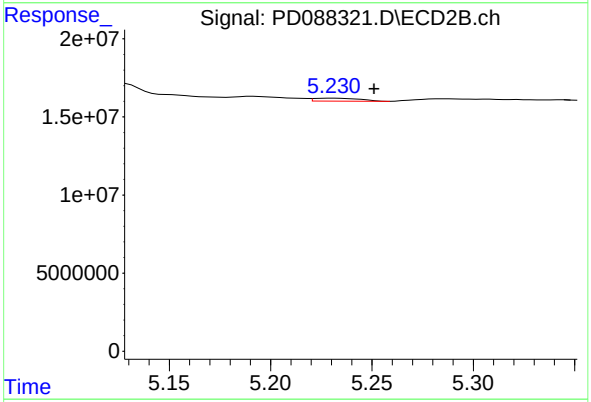
R.T.: 4.882 min
Delta R.T.: 0.006 min
Response: 772543
Conc: 0.04 ng/ml



#9 Endosulfan I

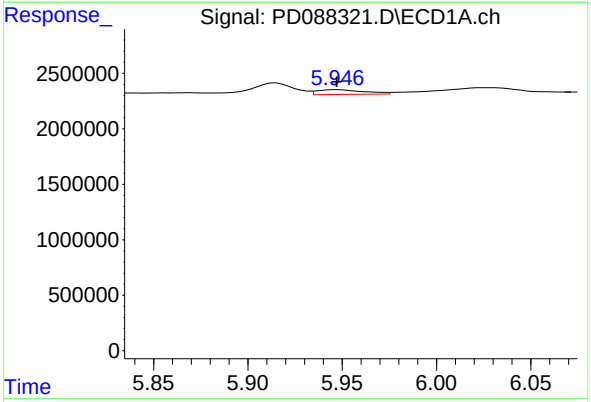
R.T.: 6.098 min
Delta R.T.: 0.022 min
Response: 67031
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



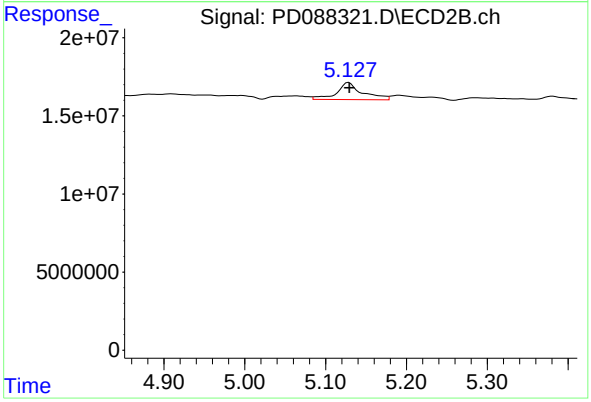
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.020 min
Response: 3031705
Conc: 0.17 ng/ml



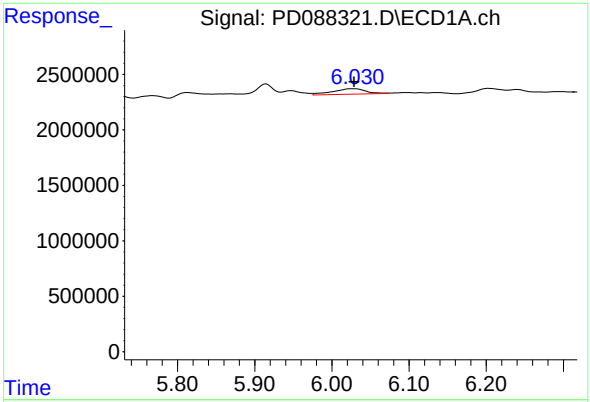
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 754819
Conc: 0.21 ng/ml



#10 gamma-Chlordane

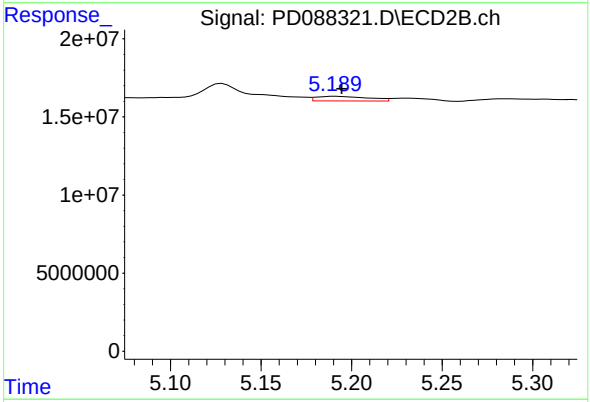
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 24357192
Conc: 1.20 ng/ml



#11 alpha-Chlordane

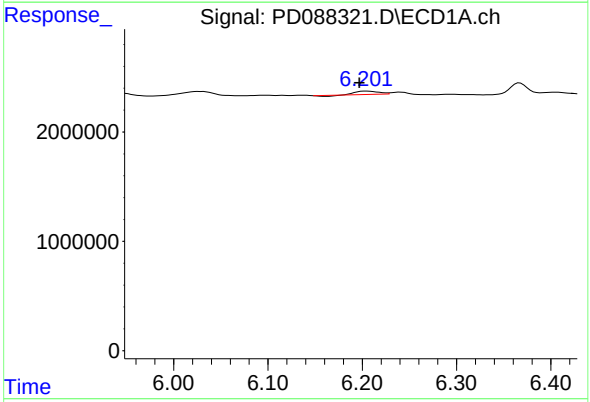
R.T.: 6.026 min
Delta R.T.: -0.002 min
Response: 1507905
Conc: 0.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



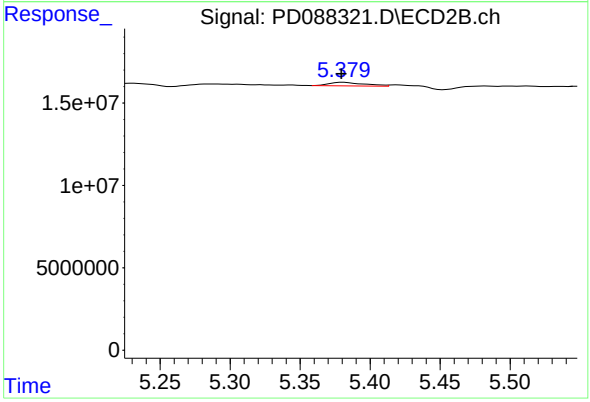
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.004 min
Response: 6032914
Conc: 0.31 ng/ml



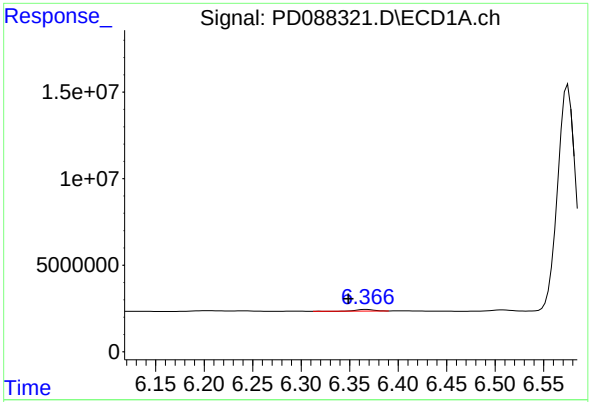
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.007 min
Response: 460234
Conc: 0.14 ng/ml



#12 4,4'-DDE

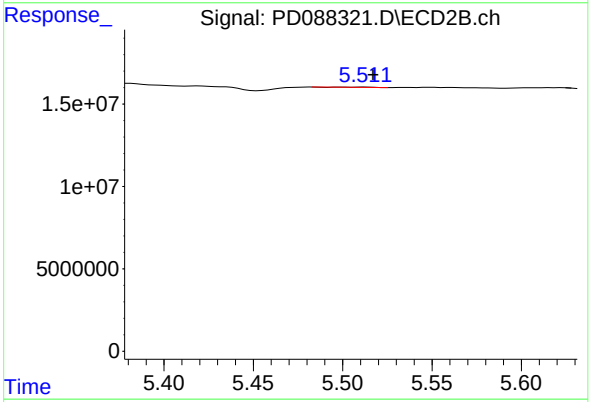
R.T.: 5.381 min
Delta R.T.: 0.001 min
Response: 3839997
Conc: 0.19 ng/ml



#13 Dieldrin

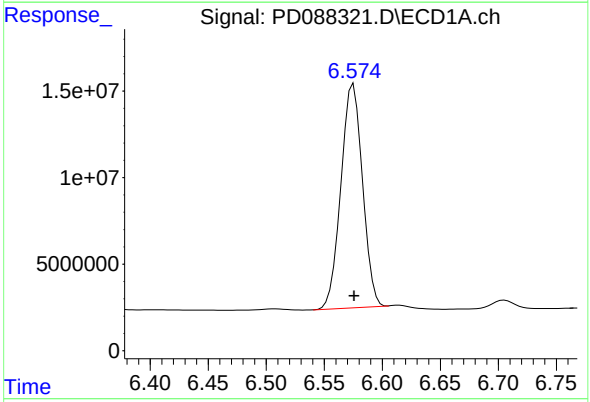
R.T.: 6.367 min
Delta R.T.: 0.019 min
Response: 1013623
Conc: 0.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



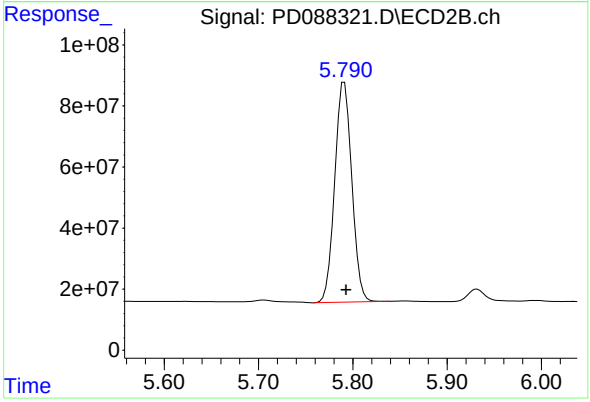
#13 Dieldrin

R.T.: 5.513 min
Delta R.T.: -0.004 min
Response: 171059
Conc: 0.01 ng/ml



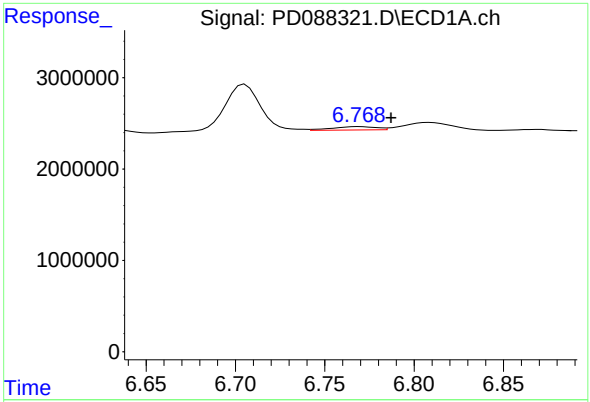
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 167337387
Conc: 56.11 ng/ml



#14 Endrin

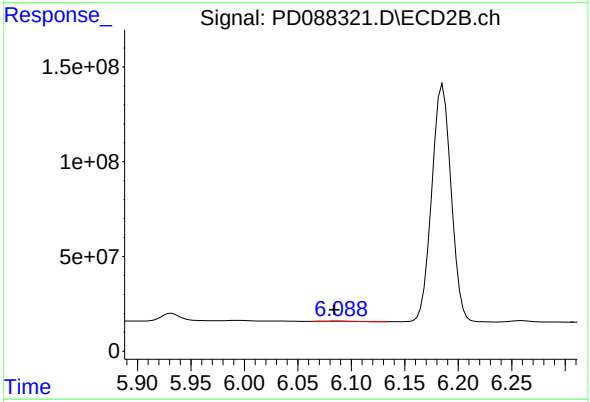
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 906490299
Conc: 49.80 ng/ml



#15 Endosulfan II

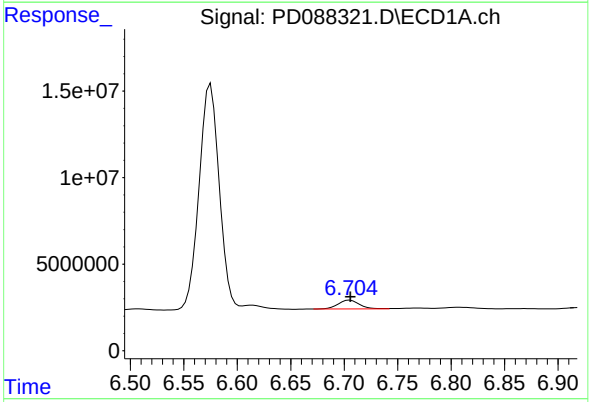
R.T.: 6.769 min
Delta R.T.: -0.018 min
Response: 641853
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



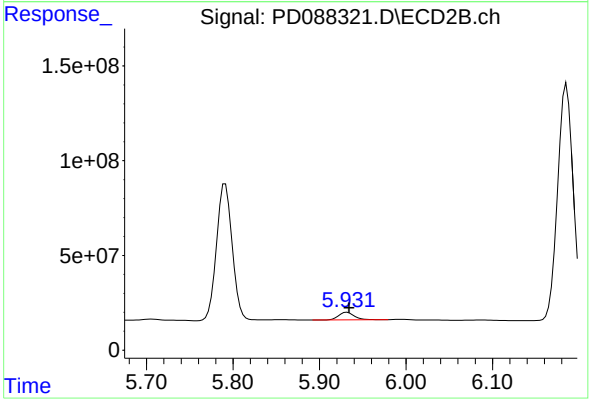
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.003 min
Response: 3749949
Conc: 0.21 ng/ml



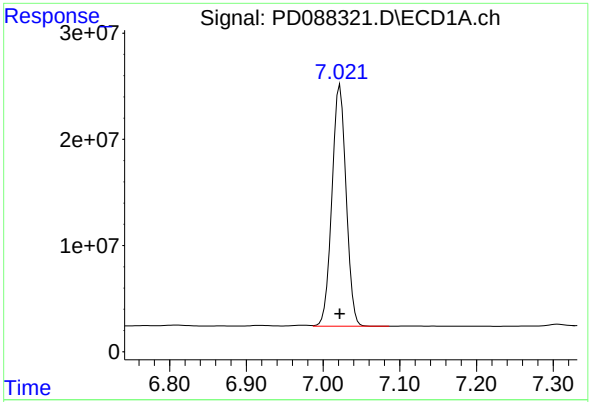
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 7013922
Conc: 2.79 ng/ml



#16 4,4'-DDD

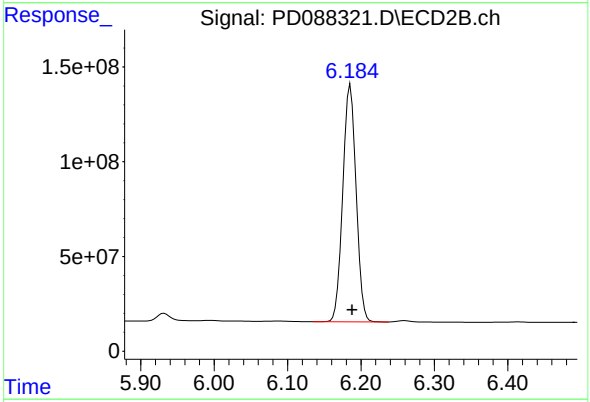
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 49725425
Conc: 3.03 ng/ml



#17 4,4'-DDT

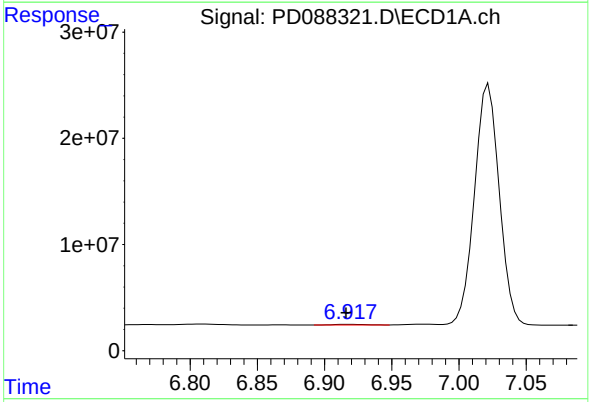
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 291716493
Conc: 105.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



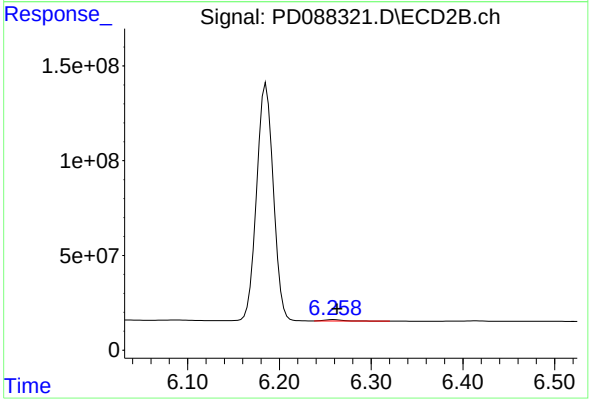
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1580763326
Conc: 92.90 ng/ml



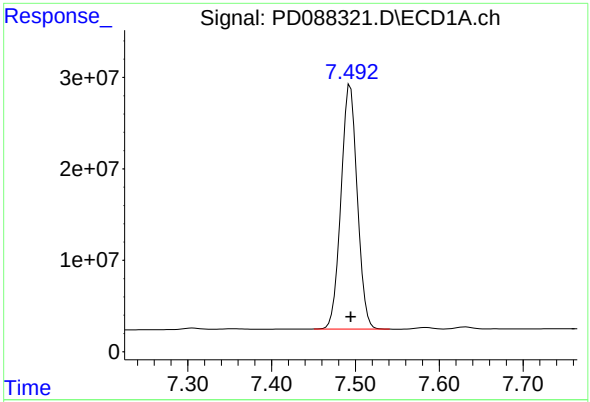
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.003 min
Response: 1106759
Conc: 0.48 ng/ml



#18 Endrin aldehyde

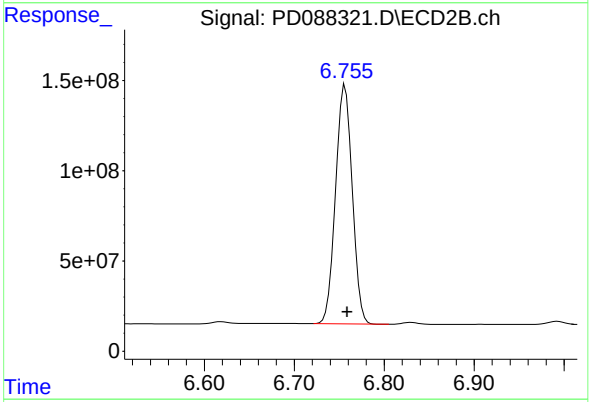
R.T.: 6.259 min
Delta R.T.: -0.004 min
Response: 7835858
Conc: 0.59 ng/ml



#20 Methoxychlor

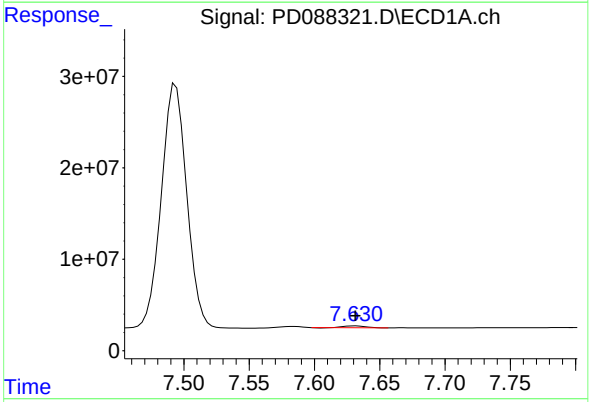
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 361810162
Conc: 241.28 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



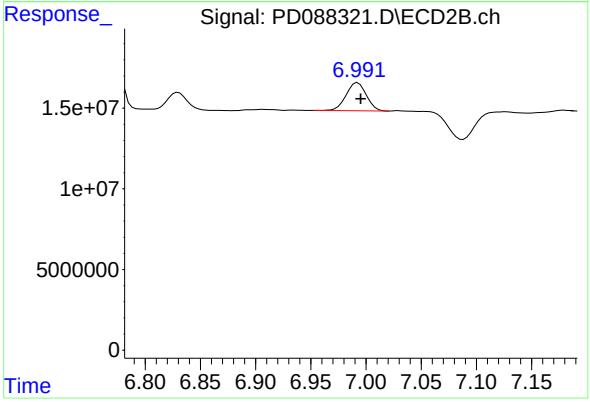
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 1708930573
Conc: 187.36 ng/ml



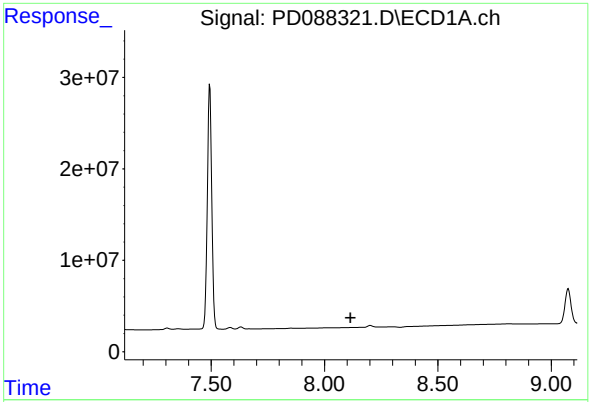
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 2200532
Conc: 0.71 ng/ml



#21 Endrin ketone

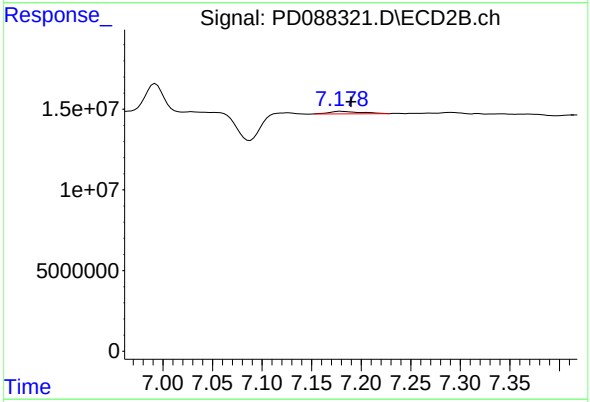
R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 22272170
Conc: 1.19 ng/ml



#22 Mirex

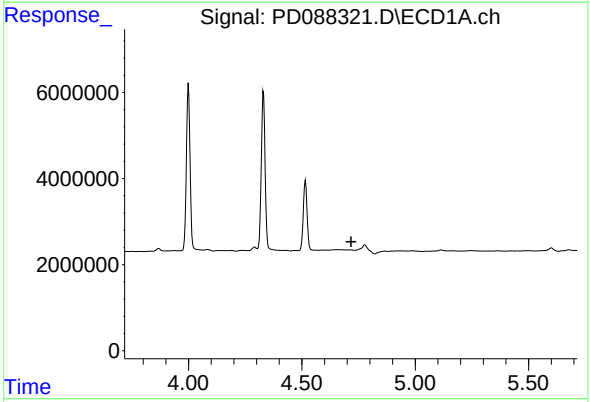
R.T.: 0.000 min
Exp R.T. : 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



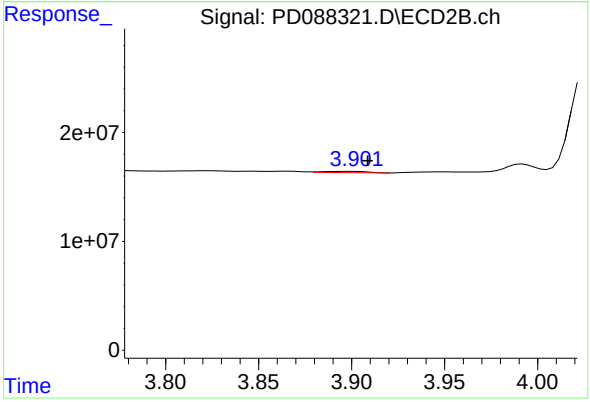
#22 Mirex

R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 3456076
Conc: 0.23 ng/ml



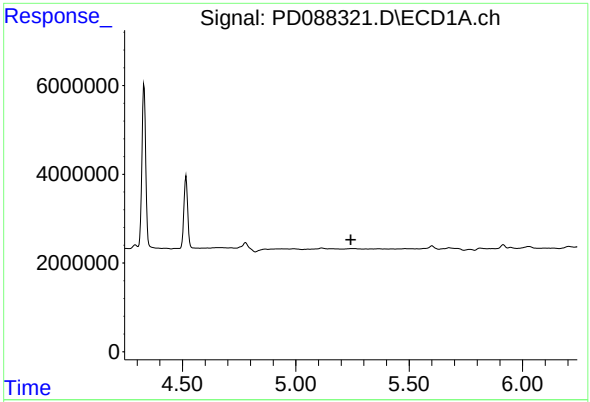
#23 Chlordane-1

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



#23 Chlordane-1

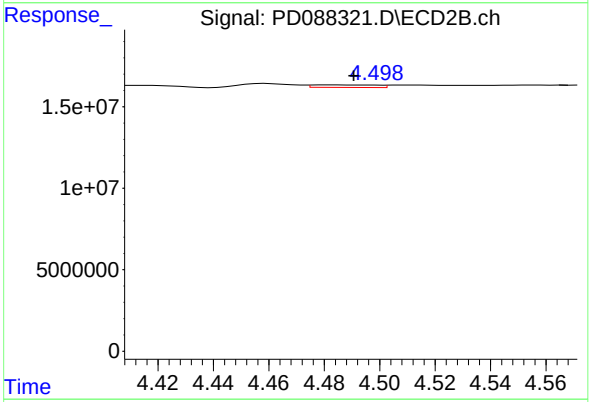
R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 1821423
Conc: 2.27 ng/ml



#24 Chlordane-2

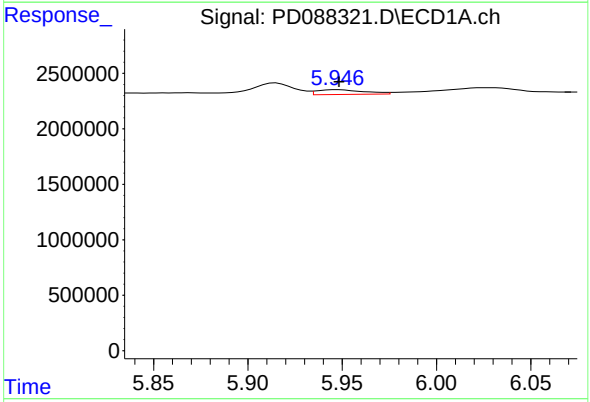
R.T.: 0.000 min
Exp R.T. : 5.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



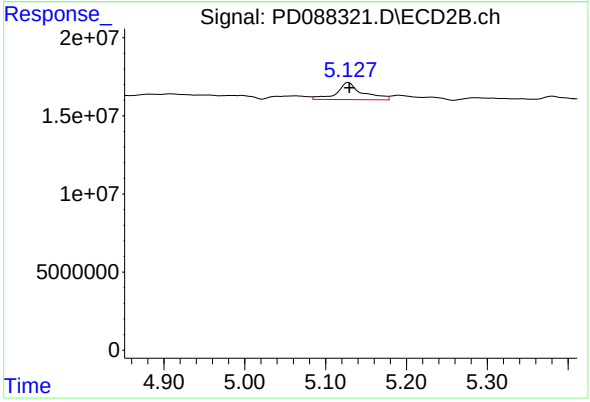
#24 Chlordane-2

R.T.: 4.482 min
Delta R.T.: -0.009 min
Response: 2533651
Conc: 3.07 ng/ml



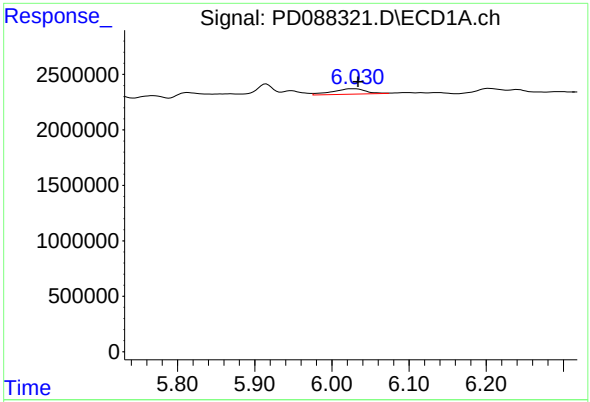
#25 Chlordane-3

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 754819
Conc: 1.12 ng/ml



#25 Chlordane-3

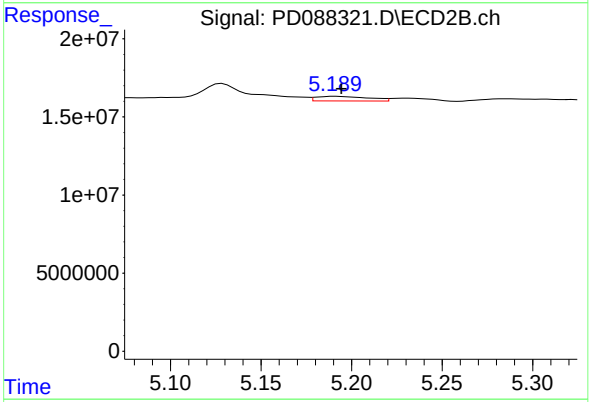
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 24357192
Conc: 9.63 ng/ml



#26 Chlordane-4

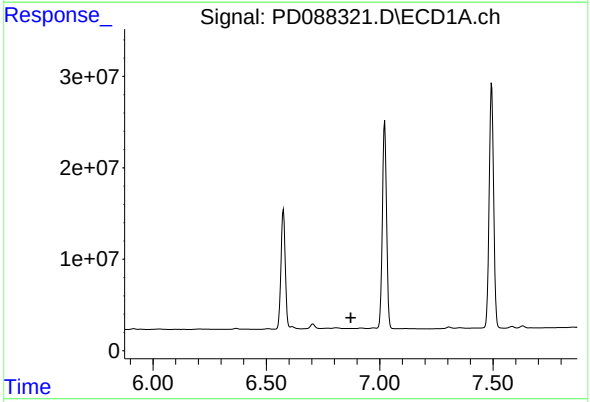
R.T.: 6.026 min
Delta R.T.: -0.008 min
Response: 1507905
Conc: 1.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



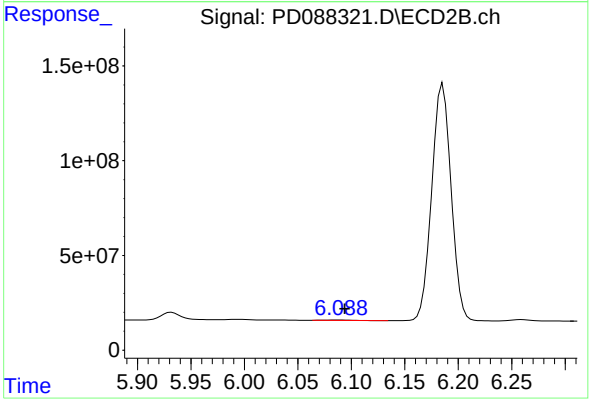
#26 Chlordane-4

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 6032914
Conc: 2.82 ng/ml



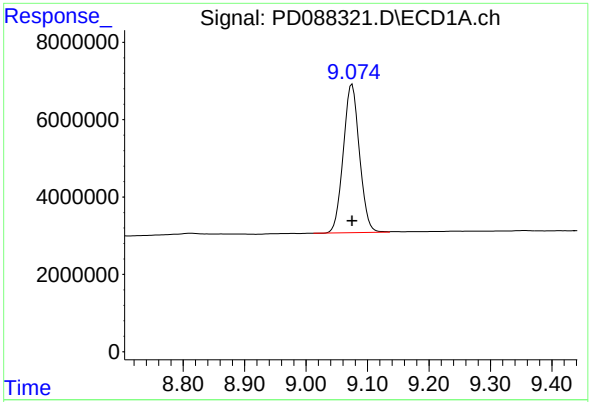
#27 Chlordane-5

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



#27 Chlordane-5

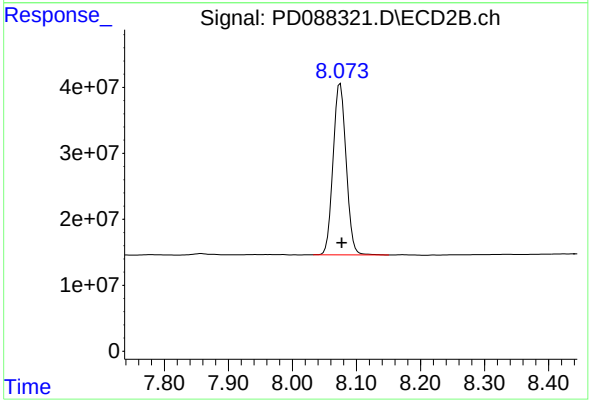
R.T.: 6.088 min
Delta R.T.: -0.006 min
Response: 3749949
Conc: 3.88 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: 0.000 min
Response: 70065316
Conc: 21.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 366886964
Conc: 19.85 ng/ml