

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088483.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 19:22
 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: May 13 01:29:25 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...	3.552	2.883	45238524	314.1E6	22.649	21.484
28)	SA Decachlor...	9.074	8.075	78375343	380.3E6	23.692	20.582
Target Compounds							
2)	A alpha-BHC	4.001	3.395	45153750	256.0E6	10.472	11.196
3)	MA gamma-BHC...	4.331	3.732	45496097	240.3E6	10.865	11.157
4)	MA Heptachlor	4.933	4.084	472380	728837	0.117	0.034 #
5)	MB Aldrin	5.258f	4.364	297122	2903065	0.075	0.140 #
6)	B beta-BHC	4.516	4.027	19261406	107.5E6	11.865	11.619
7)	B delta-BHC	4.778	4.260	3527494	511563	0.855	0.024 #
8)	B Heptachlo...	5.683	4.867	2150346	146603	0.602	0.008 #
9)	A Endosulfan I	6.100f	5.231f	495661	3871392	0.147	0.215 #
10)	B gamma-Chl...	5.949	5.129	2930390	8819840	0.809	0.435 #
11)	B alpha-Chl...	6.035	5.192	2712816	7933633	0.752	0.405 #
12)	B 4,4'-DDE	6.200	5.381	126465	6552685	0.038	0.333 #
13)	MA Dieldrin	6.368f	5.515	120781	142461	0.034	0.007 #
14)	MA Endrin	6.576	5.792	173.4E6	911.8E6	58.135	50.091
15)	B Endosulfa...	6.771f	6.092	2387578	1996844	0.764	0.114 #
16)	A 4,4'-DDD	6.706	5.933	3547006	18965391	1.410	1.157
17)	MA 4,4'-DDT	7.022	6.186	328.3E6	1671.8E6	118.206	98.245
18)	B Endrin al...	6.918	6.260	1304893	12207466	0.565	0.918 #
19)	B Endosulfa...	0.000	6.461f	0	1196298	N.D.	0.070 #
20)	A Methoxychlor	7.494	6.757	400.6E6	1806.4E6	267.138	198.048 #
21)	B Endrin ke...	7.631	6.993	2413968	23263947	0.782	1.244 #
22)	Mirex	0.000	7.179	0	4063582	N.D.	0.274 #
23)	Chlordane-1	0.000	3.898	0	1135813	N.D.	1.417 #
24)	Chlordane-2	5.258	4.488	297122	15519258	1.784	18.804 #
25)	Chlordane-3	5.949	5.129	2930390	8819840	4.344	3.487
26)	Chlordane-4	6.035	5.192	2712816	7933633	3.327	3.711
27)	Chlordane-5	6.869	6.092	375287	1996844	2.762	2.068 #

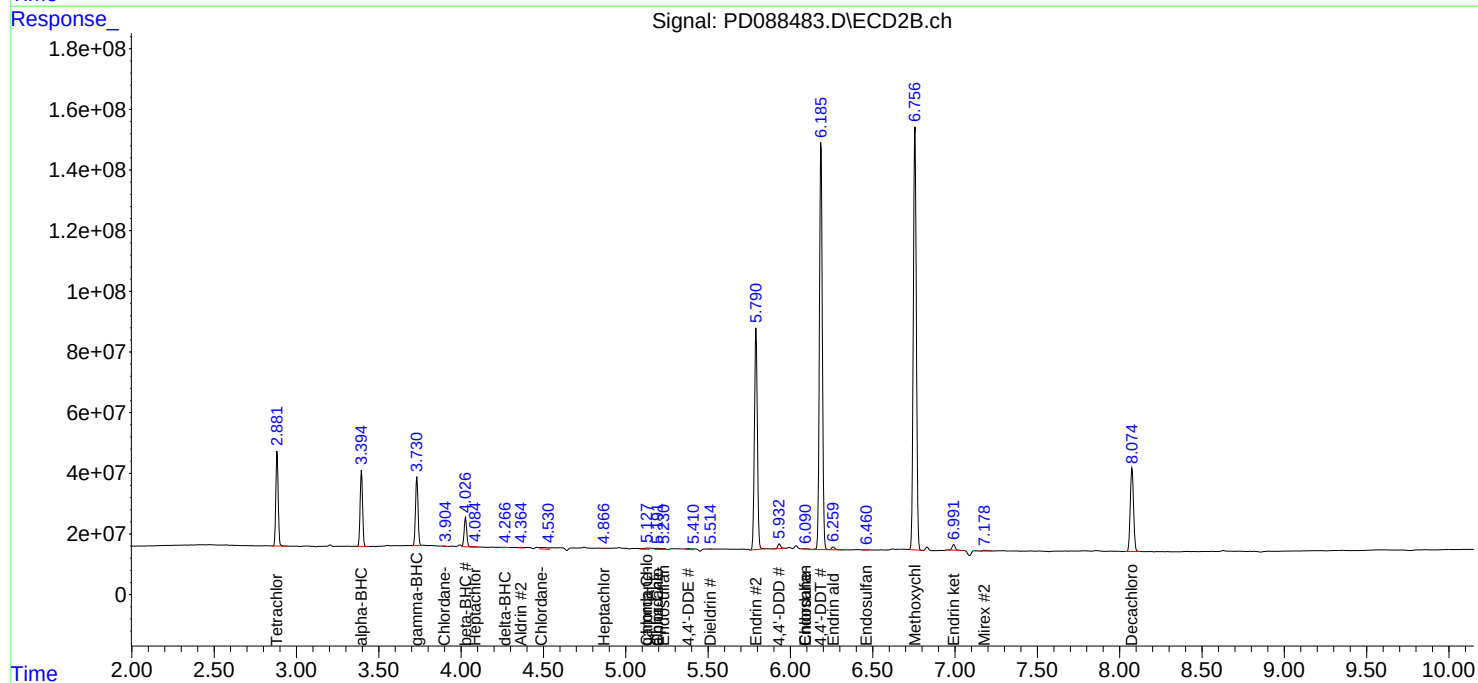
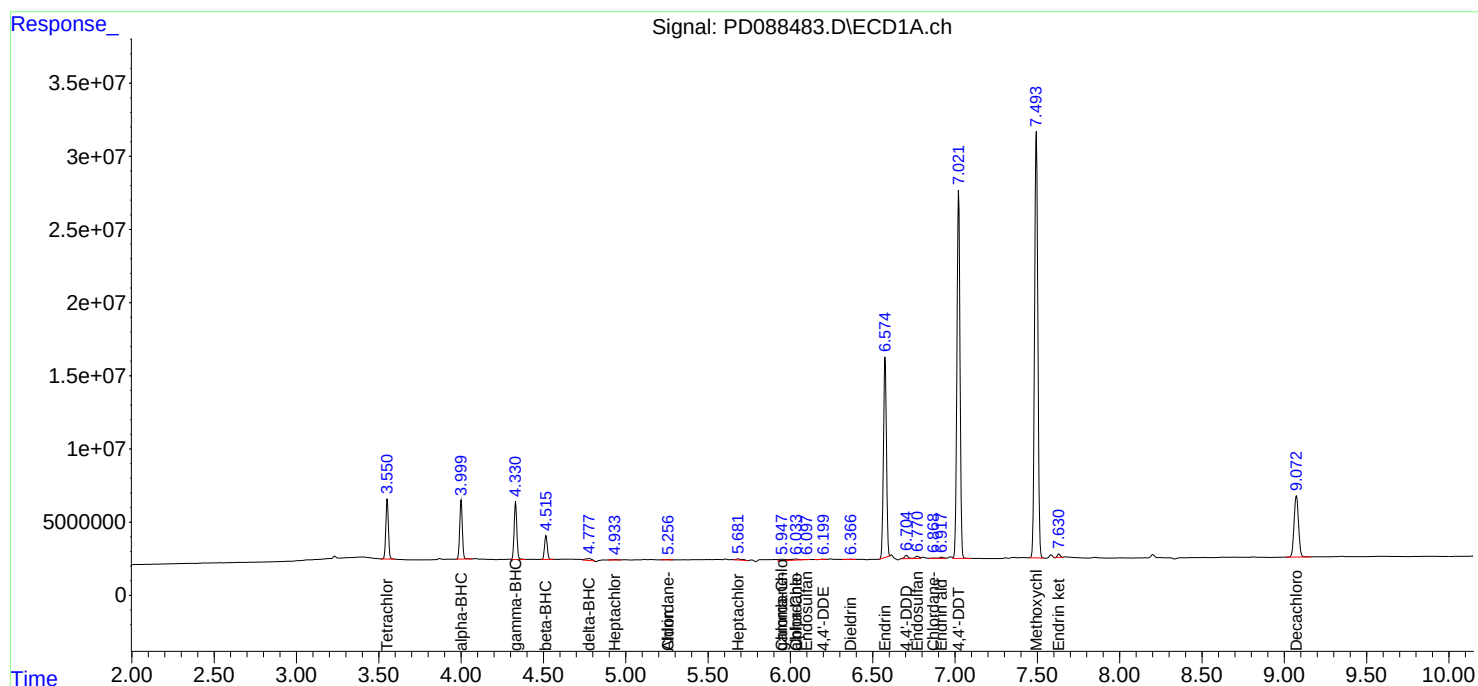
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

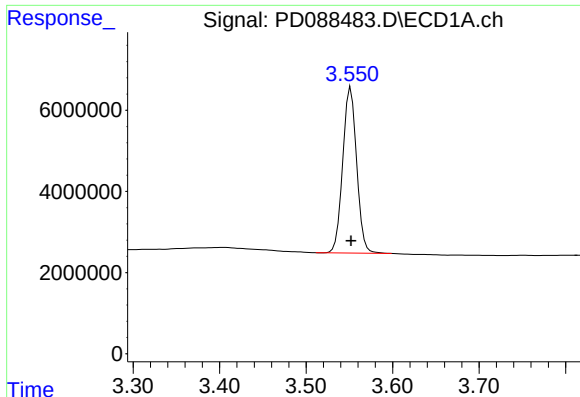
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088483.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 19:22
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 01:29:25 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

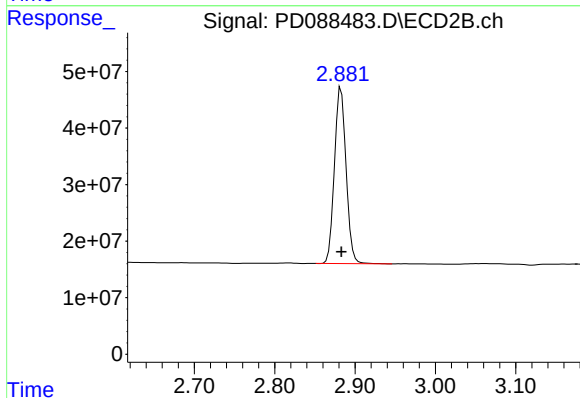




#1 Tetrachloro-m-xylene

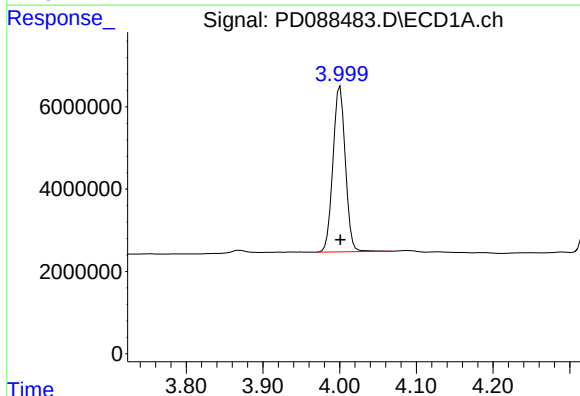
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 45238524
Conc: 22.65 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



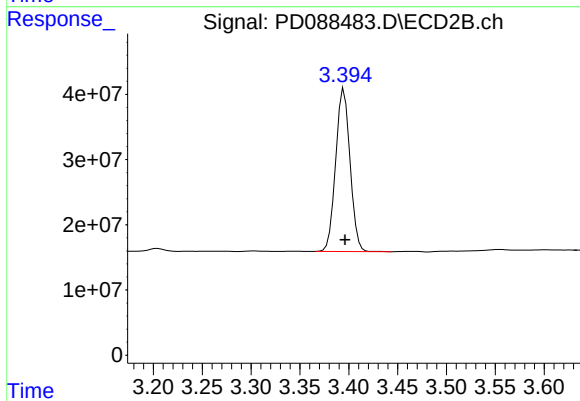
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 314132925
Conc: 21.48 ng/ml



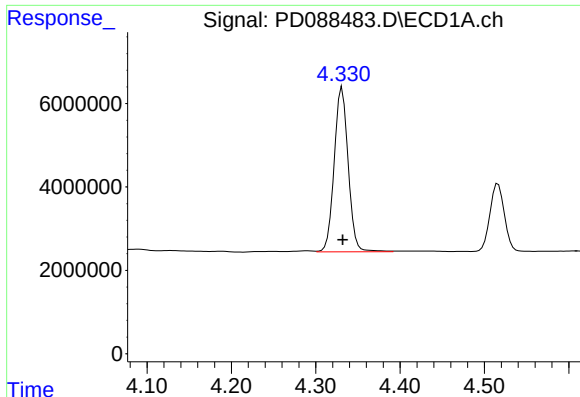
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 45153750
Conc: 10.47 ng/ml



#2 alpha-BHC

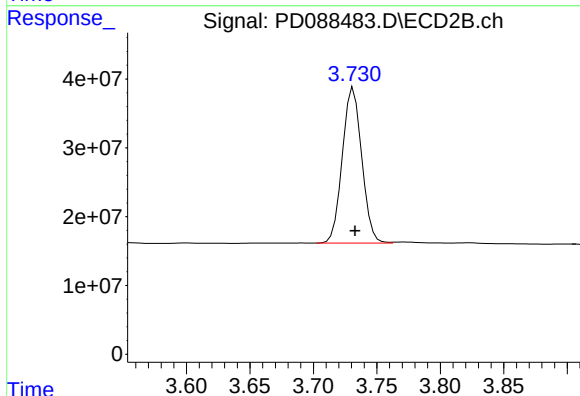
R.T.: 3.395 min
Delta R.T.: 0.000 min
Response: 255967514
Conc: 11.20 ng/ml



#3 gamma-BHC (Lindane)

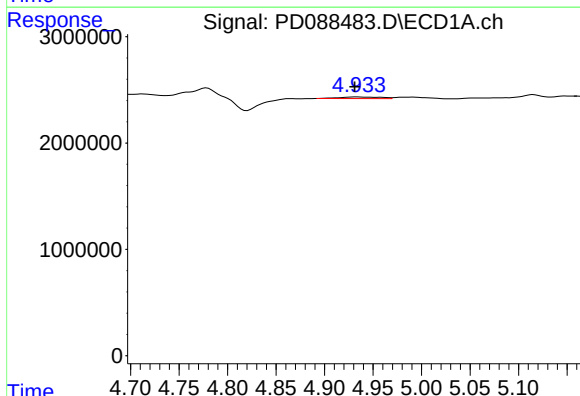
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 45496097
Conc: 10.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



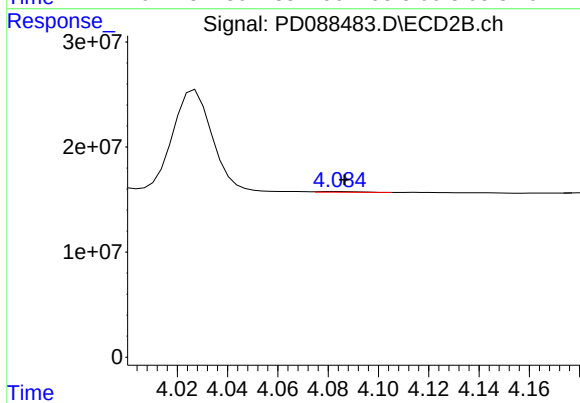
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: -0.001 min
Response: 240314904
Conc: 11.16 ng/ml



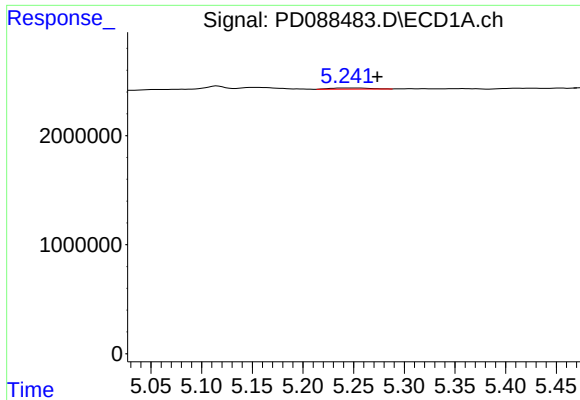
#4 Heptachlor

R.T.: 4.933 min
Delta R.T.: 0.002 min
Response: 472380
Conc: 0.12 ng/ml



#4 Heptachlor

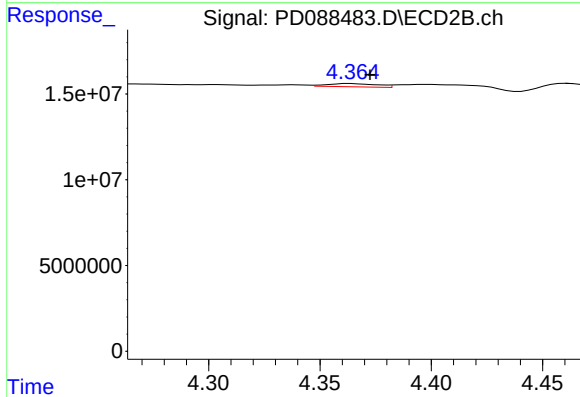
R.T.: 4.084 min
Delta R.T.: -0.003 min
Response: 728837
Conc: 0.03 ng/ml



#5 Aldrin

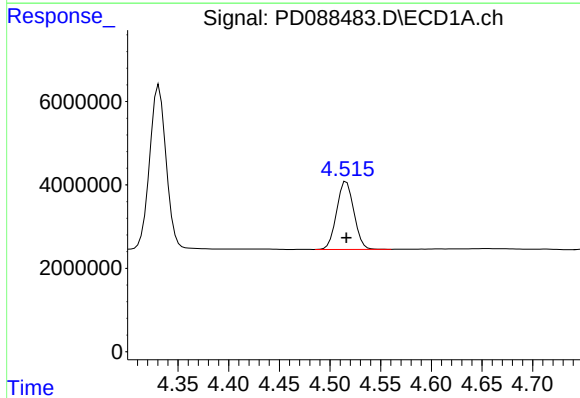
R.T.: 5.258 min
Delta R.T.: -0.015 min
Response: 297122
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



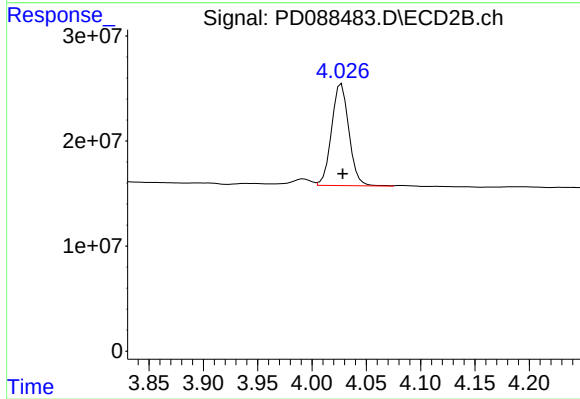
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.009 min
Response: 2903065
Conc: 0.14 ng/ml



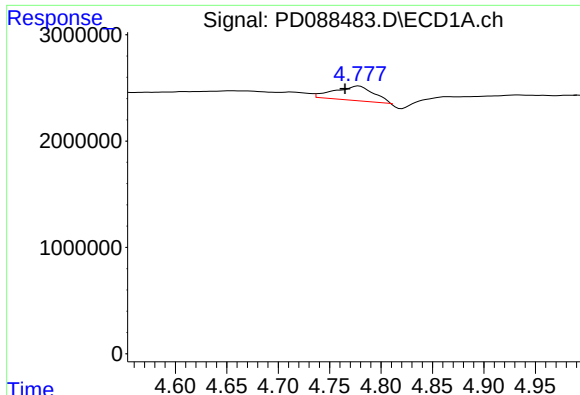
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19261406
Conc: 11.86 ng/ml



#6 beta-BHC

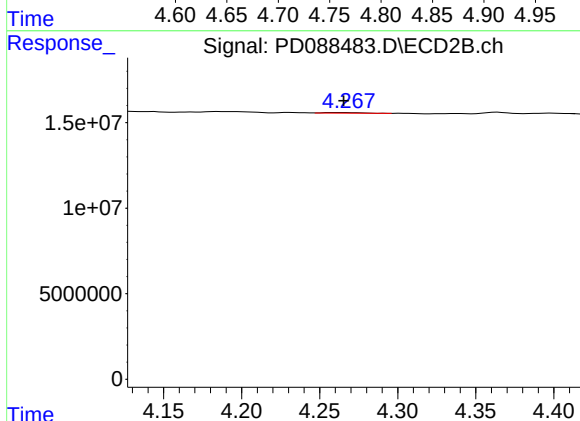
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 107521356
Conc: 11.62 ng/ml



#7 delta-BHC

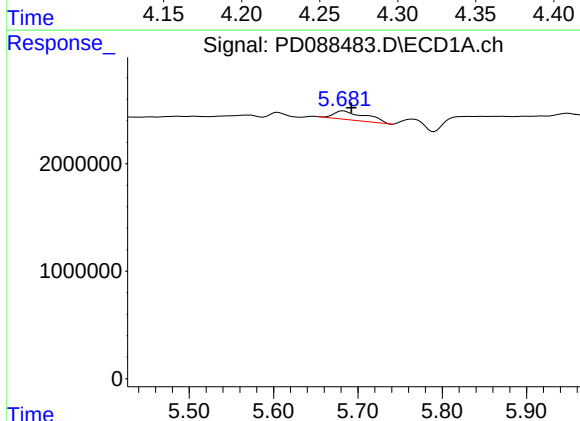
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 3527494
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



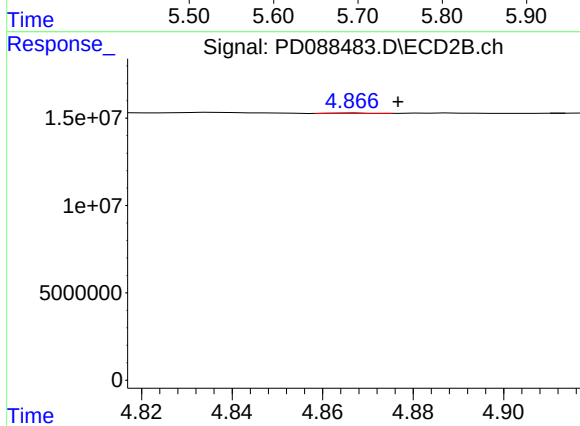
#7 delta-BHC

R.T.: 4.260 min
Delta R.T.: -0.006 min
Response: 511563
Conc: 0.02 ng/ml



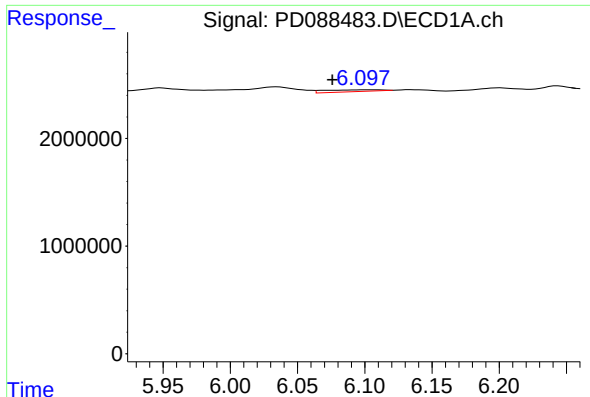
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 2150346
Conc: 0.60 ng/ml



#8 Heptachlor epoxide

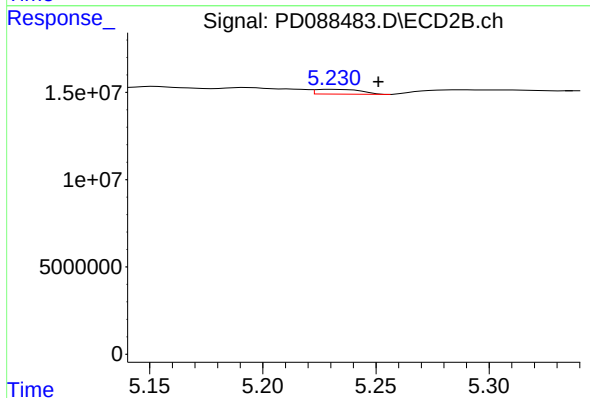
R.T.: 4.867 min
Delta R.T.: -0.010 min
Response: 146603
Conc: 0.01 ng/ml



#9 Endosulfan I

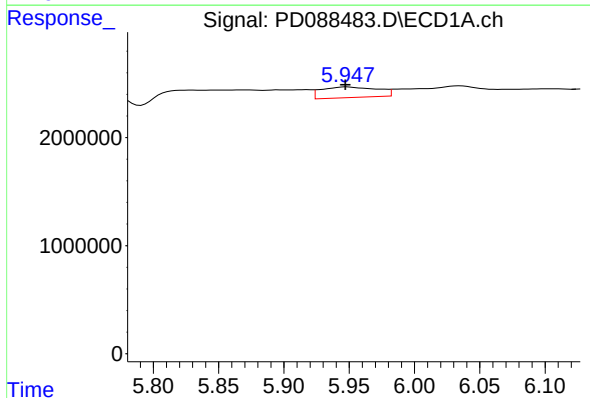
R.T.: 6.100 min
Delta R.T.: 0.024 min
Response: 495661
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



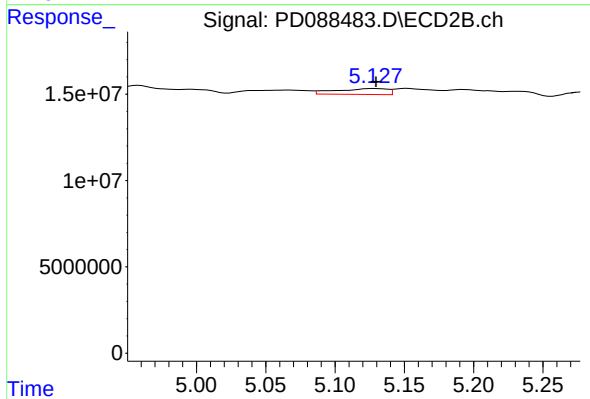
#9 Endosulfan I

R.T.: 5.231 min
Delta R.T.: -0.020 min
Response: 3871392
Conc: 0.21 ng/ml



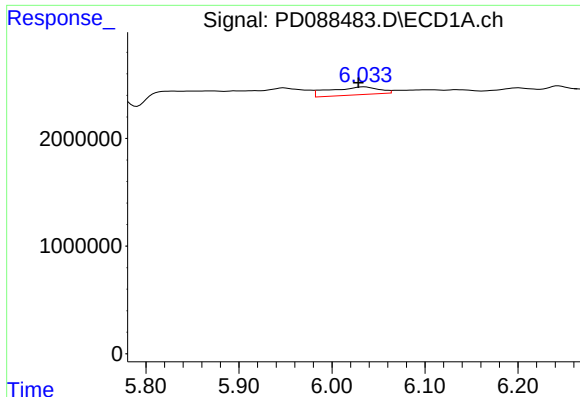
#10 gamma-Chlordane

R.T.: 5.949 min
Delta R.T.: 0.002 min
Response: 2930390
Conc: 0.81 ng/ml



#10 gamma-Chlordane

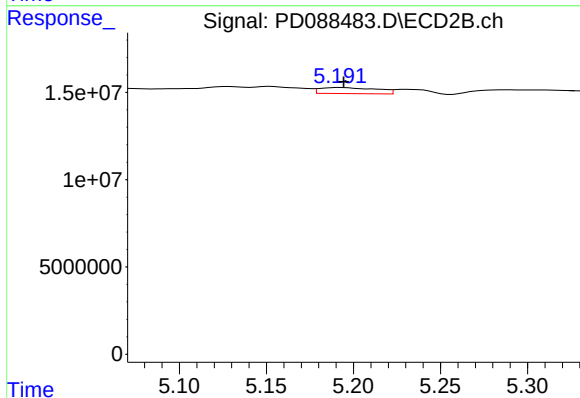
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 8819840
Conc: 0.43 ng/ml



#11 alpha-Chlordane

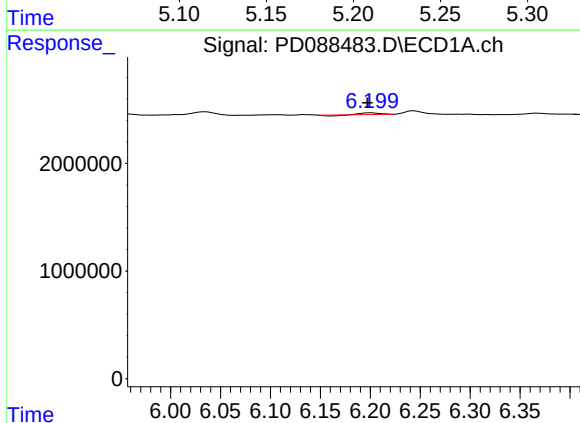
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 2712816
Conc: 0.75 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



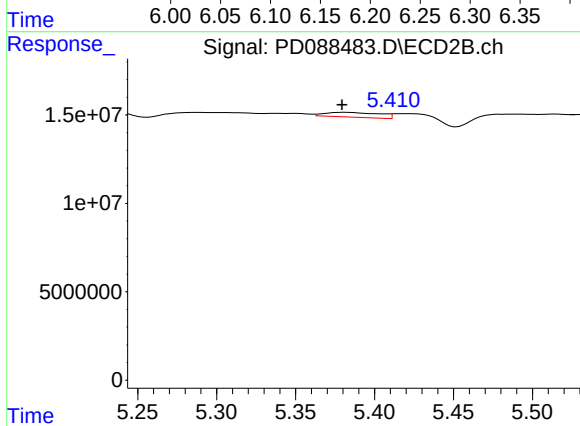
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 7933633
Conc: 0.40 ng/ml



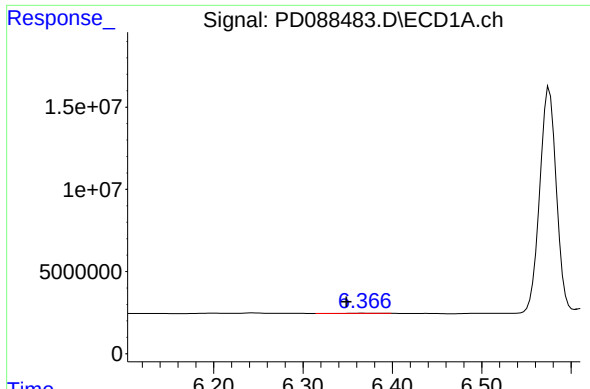
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 126465
Conc: 0.04 ng/ml



#12 4,4'-DDE

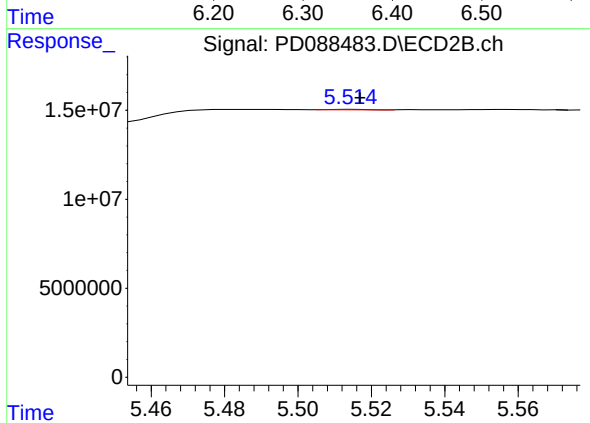
R.T.: 5.381 min
Delta R.T.: 0.002 min
Response: 6552685
Conc: 0.33 ng/ml



#13 Dieldrin

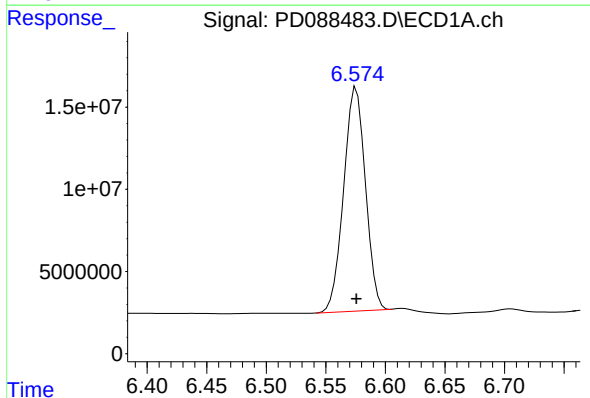
R.T.: 6.368 min
Delta R.T.: 0.019 min
Response: 120781
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



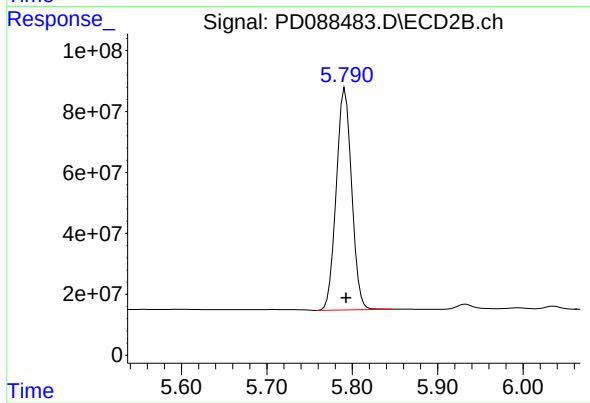
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 142461
Conc: 0.01 ng/ml



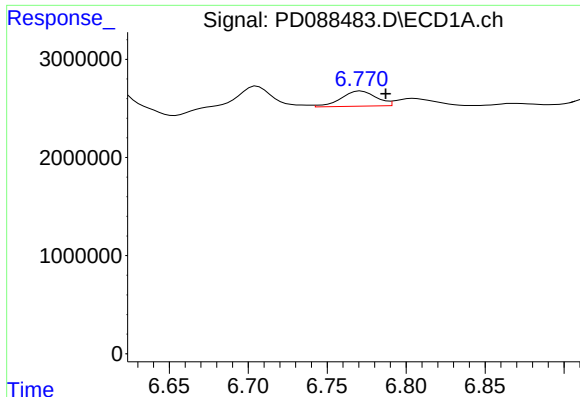
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 173390674
Conc: 58.13 ng/ml



#14 Endrin

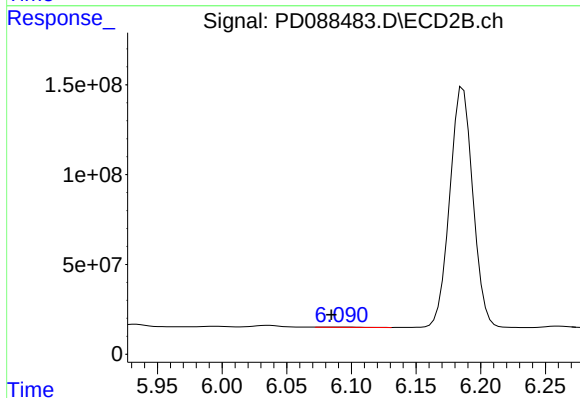
R.T.: 5.792 min
Delta R.T.: -0.001 min
Response: 911767643
Conc: 50.09 ng/ml



#15 Endosulfan II

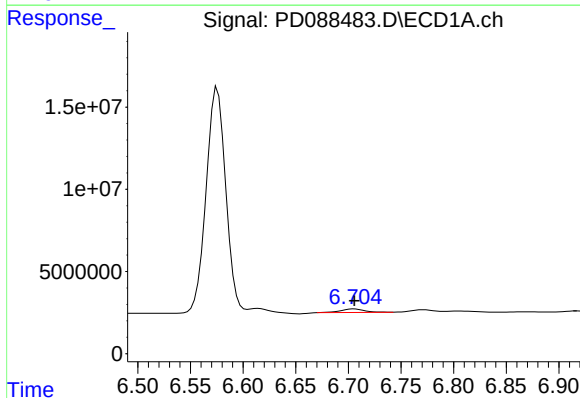
R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 2387578
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



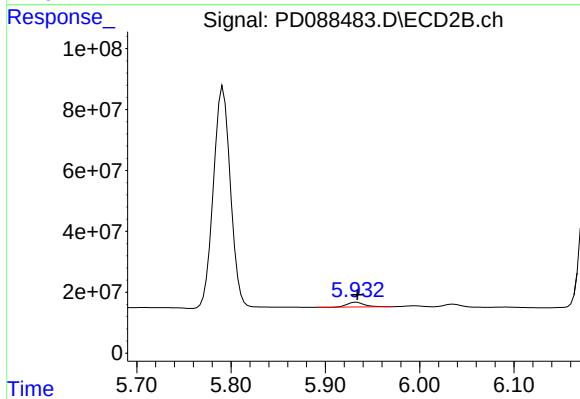
#15 Endosulfan II

R.T.: 6.092 min
Delta R.T.: 0.007 min
Response: 1996844
Conc: 0.11 ng/ml



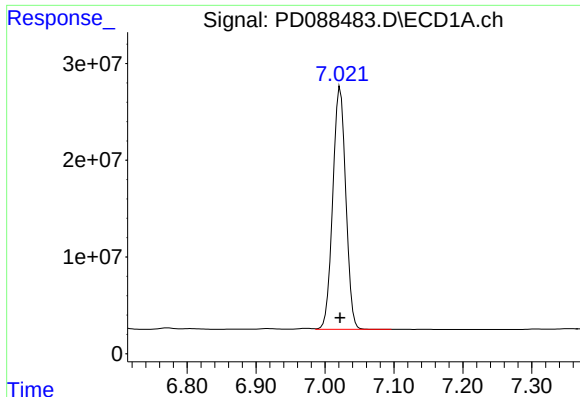
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 3547006
Conc: 1.41 ng/ml



#16 4,4'-DDD

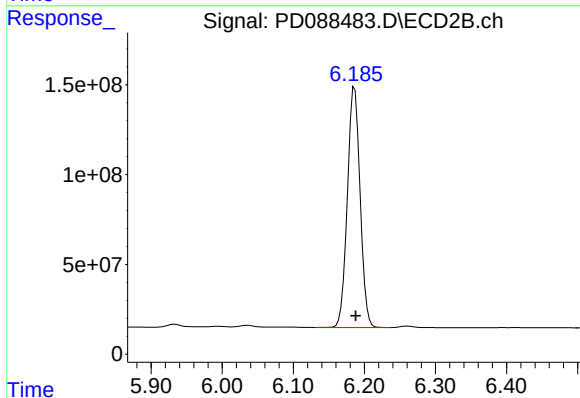
R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 18965391
Conc: 1.16 ng/ml



#17 4,4'-DDT

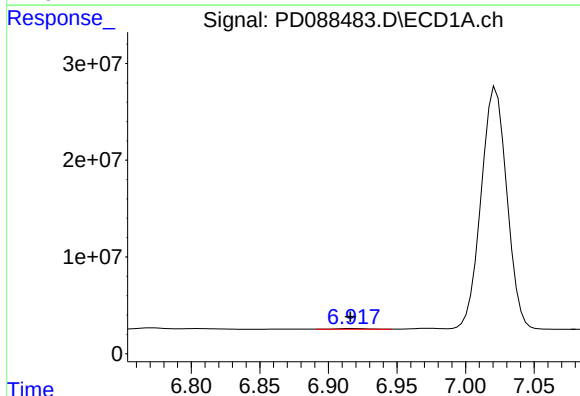
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 328322320
Conc: 118.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



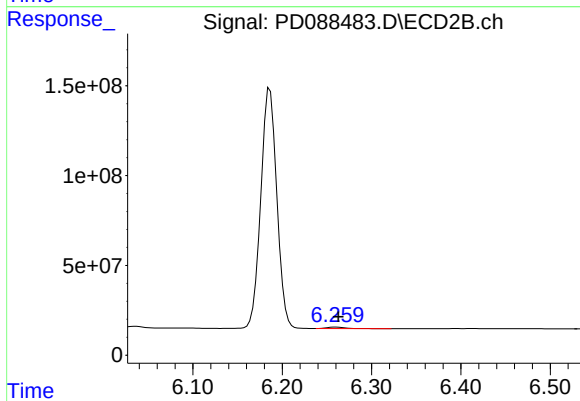
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1671786481
Conc: 98.25 ng/ml



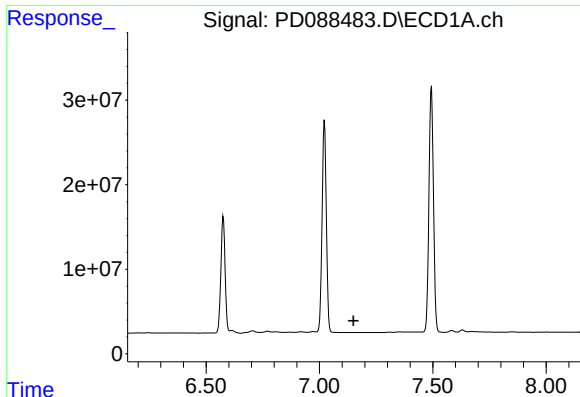
#18 Endrin aldehyde

R.T.: 6.918 min
Delta R.T.: 0.002 min
Response: 1304893
Conc: 0.57 ng/ml



#18 Endrin aldehyde

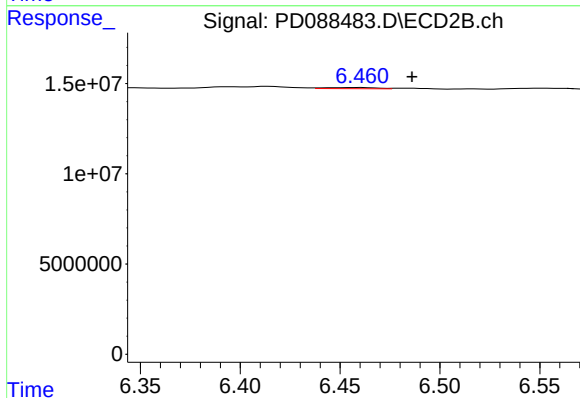
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 12207466
Conc: 0.92 ng/ml



#19 Endosulfan Sulfate

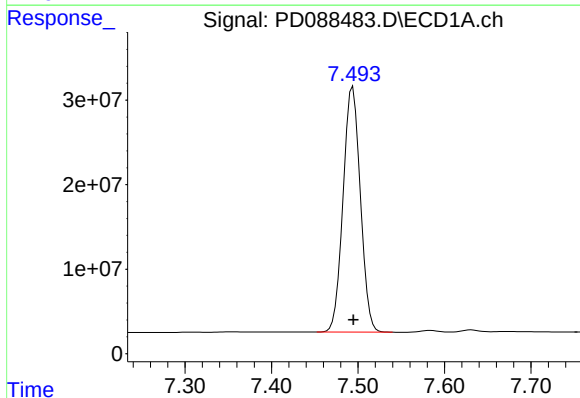
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



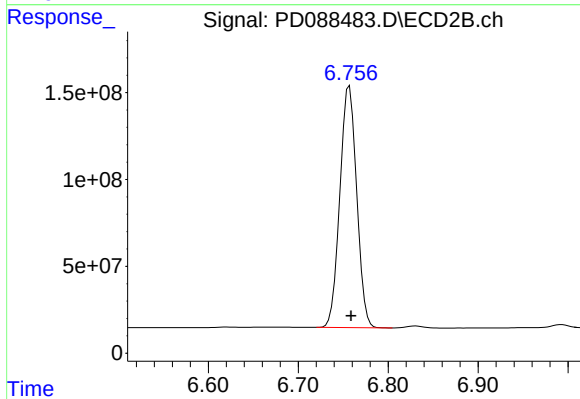
#19 Endosulfan Sulfate

R.T.: 6.461 min
Delta R.T.: -0.025 min
Response: 1196298
Conc: 0.07 ng/ml



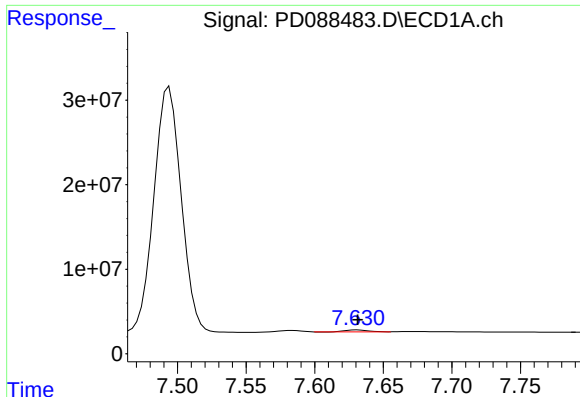
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 400585672
Conc: 267.14 ng/ml



#20 Methoxychlor

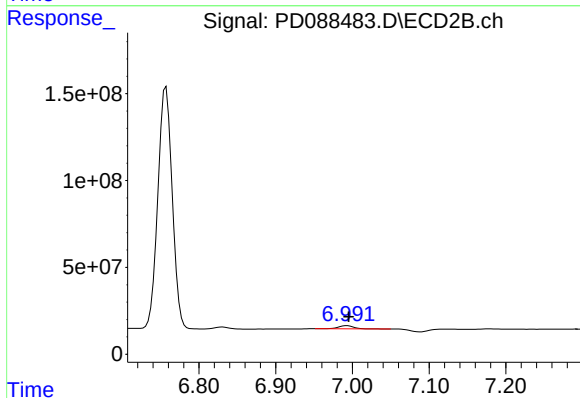
R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 1806404374
Conc: 198.05 ng/ml



#21 Endrin ketone

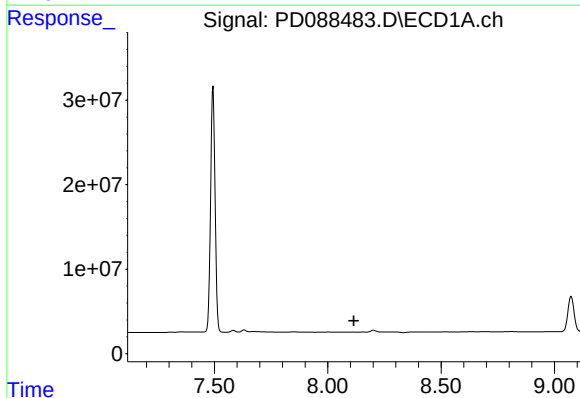
R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 2413968
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



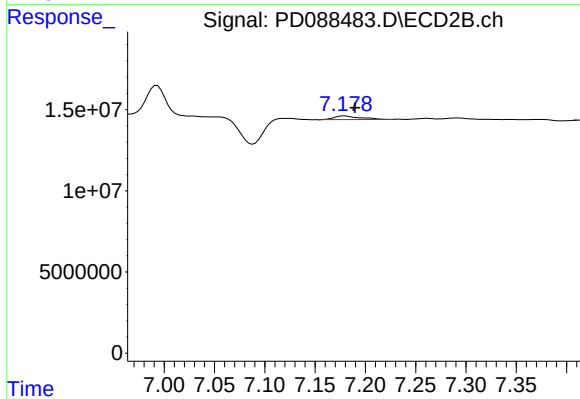
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 23263947
Conc: 1.24 ng/ml



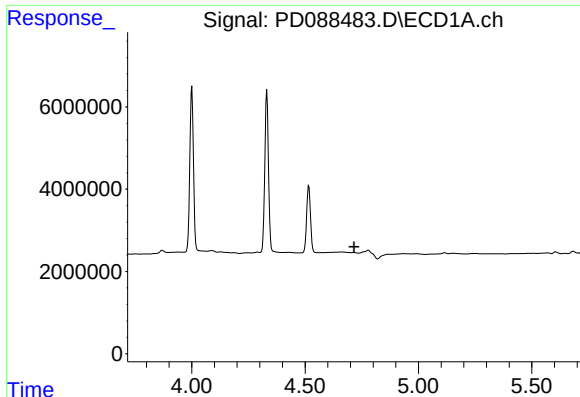
#22 Mirex

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



#22 Mirex

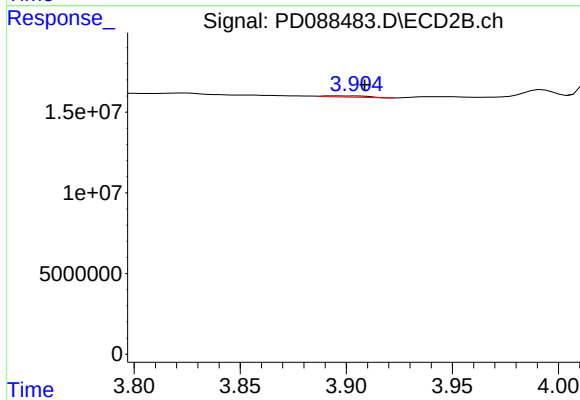
R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 4063582
Conc: 0.27 ng/ml



#23 Chlordane-1

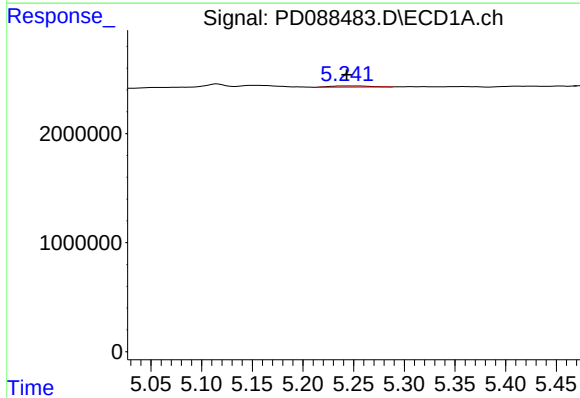
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



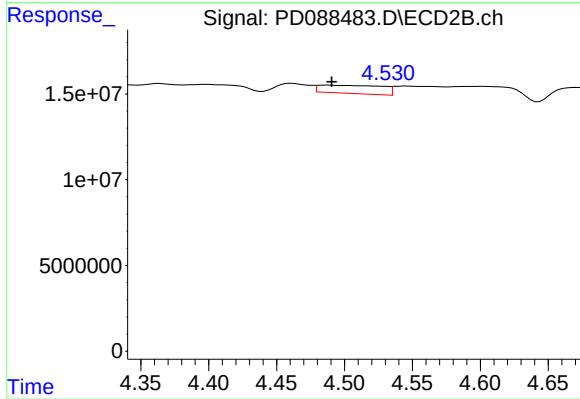
#23 Chlordane-1

R.T.: 3.898 min
Delta R.T.: -0.011 min
Response: 1135813
Conc: 1.42 ng/ml



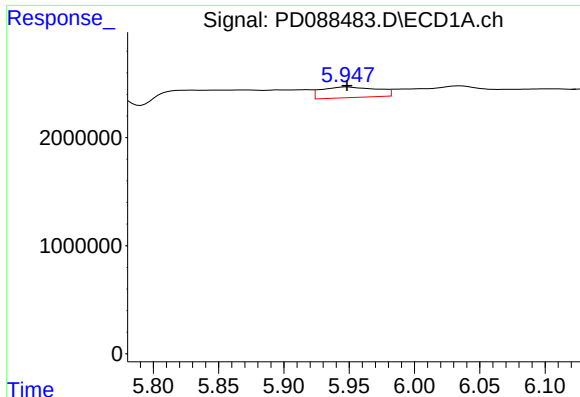
#24 Chlordane-2

R.T.: 5.258 min
Delta R.T.: 0.015 min
Response: 297122
Conc: 1.78 ng/ml



#24 Chlordane-2

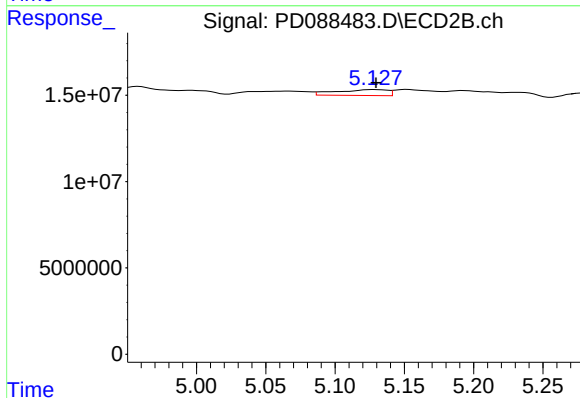
R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 15519258
Conc: 18.80 ng/ml



#25 Chlordane-3

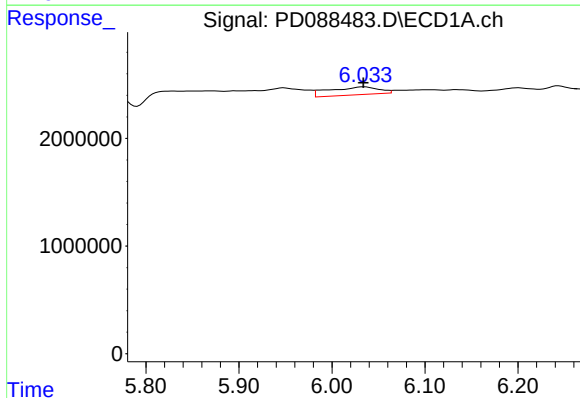
R.T.: 5.949 min
Delta R.T.: 0.000 min
Response: 2930390
Conc: 4.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



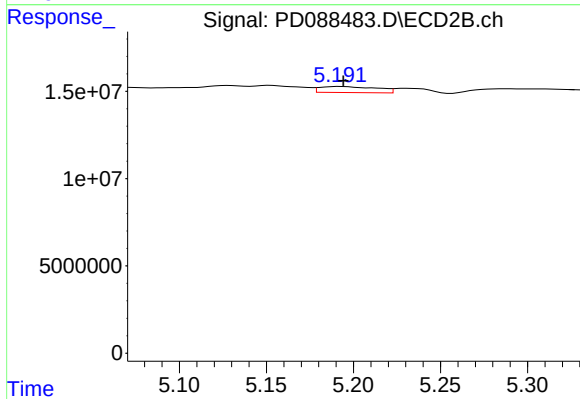
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 8819840
Conc: 3.49 ng/ml



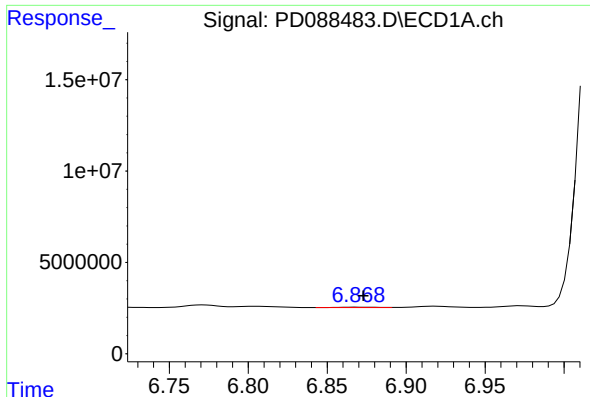
#26 Chlordane-4

R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 2712816
Conc: 3.33 ng/ml



#26 Chlordane-4

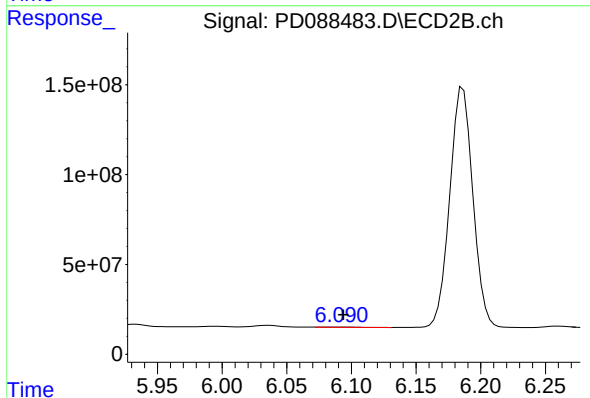
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 7933633
Conc: 3.71 ng/ml



#27 Chlordane-5

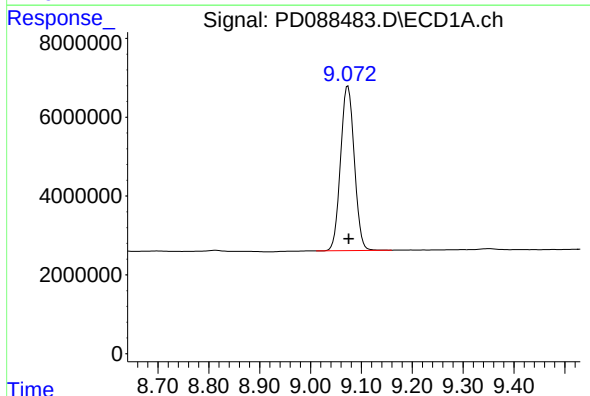
R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 375287
Conc: 2.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



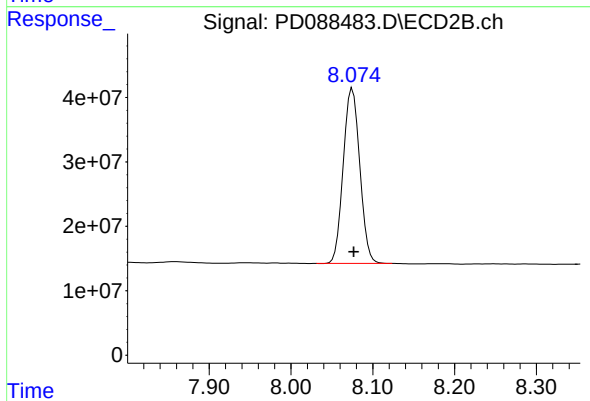
#27 Chlordane-5

R.T.: 6.092 min
Delta R.T.: -0.002 min
Response: 1996844
Conc: 2.07 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 78375343
Conc: 23.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 380339533
Conc: 20.58 ng/ml