

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
 Data File : PD088629.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 May 2025 08:25
 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 21 03:29:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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	47160633	341.5E6	21.796	22.576
28)	SA Decachlor...	9.075	8.074	78382012	409.7E6	22.903	22.441
Target Compounds							
2)	A alpha-BHC	4.000	3.394	47184263	279.1E6	9.878	11.676
3)	MA gamma-BHC...	4.331	3.730	46901589	258.4E6	10.190	11.659
4)	MA Heptachlor	4.930	4.081	360283	1178842	0.081	0.052 #
5)	MB Aldrin	5.253f	4.364	303301	9282349	0.069	0.423 #
6)	B beta-BHC	4.516	4.026	20015331	116.1E6	11.100	11.914
7)	B delta-BHC	4.779	4.263	2495801	763842	0.591	0.034 #
8)	B Heptachlo...	5.682	4.877	2569016	177904	0.647	0.009 #
9)	A Endosulfan I	0.000	5.230f	0	10567485	N.D.	0.557 #
10)	B gamma-Chl...	5.948	5.127	443050	45249914	0.111	2.121 #
11)	B alpha-Chl...	6.034	5.188	661669	24575046	0.165	1.192 #
12)	B 4,4'-DDE	6.199	5.378	363151	32304877	0.101	1.545 #
13)	MA Dieldrin	6.368f	5.511	1093794	613459	0.273	0.029 #
14)	MA Endrin	6.576	5.790	184.6E6	986.1E6	54.039	51.138
15)	B Endosulfa...	6.773f	6.088	746219	2687017	0.217	0.147 #
16)	A 4,4'-DDD	6.706	5.931	23258898	151.5E6	8.351	8.713
17)	MA 4,4'-DDT	7.023	6.185	275.5E6	1528.6E6	88.253	84.279
18)	B Endrin al...	6.919	6.259	1013723	10143919	0.394	0.728 #
19)	B Endosulfa...	7.119f	6.460f	175815	1368186	0.055	0.077 #
20)	A Methoxychlor	7.495	6.756	358.5E6	1742.4E6	214.619	181.980
21)	B Endrin ke...	7.632	6.992	3782172	32885386	1.105	1.700 #
22)	Mirex	8.121	7.179	90865	3658721	0.035	0.241 #
23)	Chlordane-1	0.000	3.899	0	1416501	N.D.	1.714 #
24)	Chlordane-2	5.253	4.488	303301	50357349	1.653	59.665 #
25)	Chlordane-3	5.948	5.127	443050	45249914	0.599	17.161 #
26)	Chlordane-4	6.034	5.188	661669	24575046	0.738	11.107 #
27)	Chlordane-5	6.871	6.088	309889	2687017	2.037	2.685 #

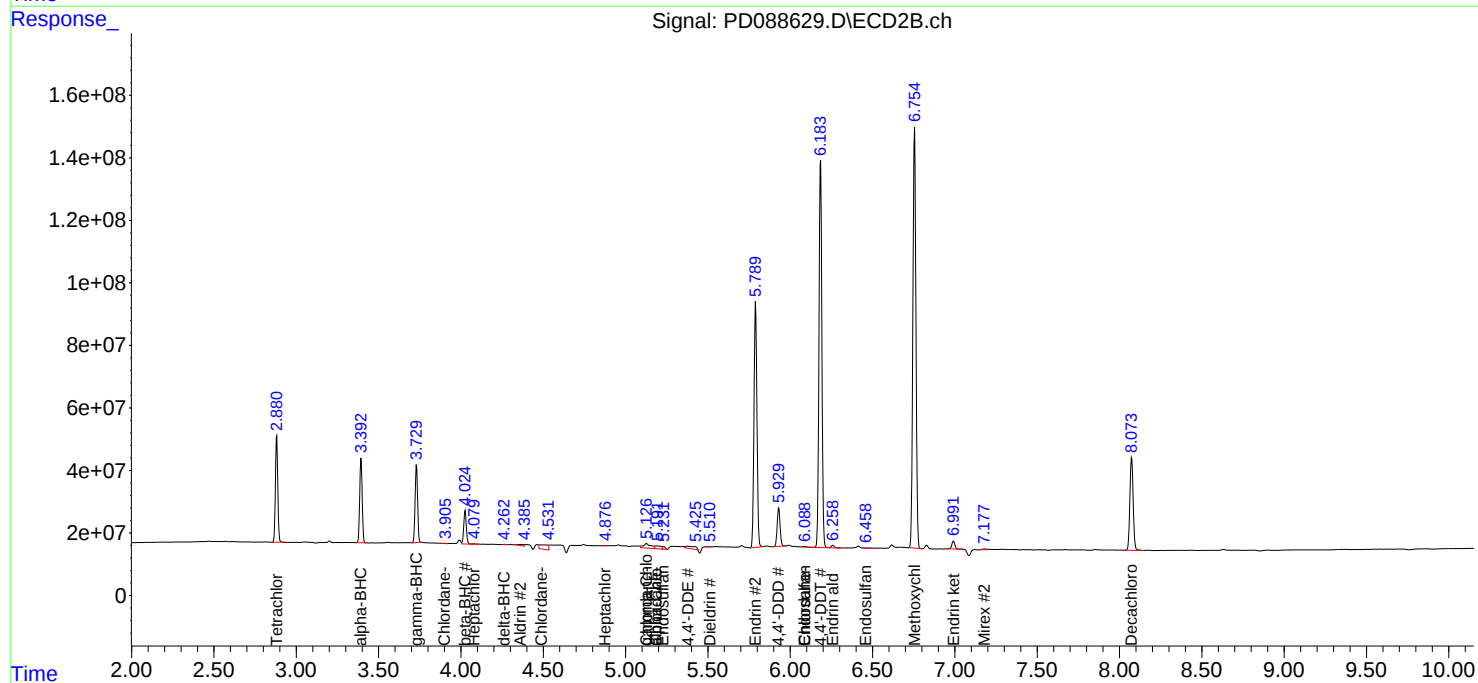
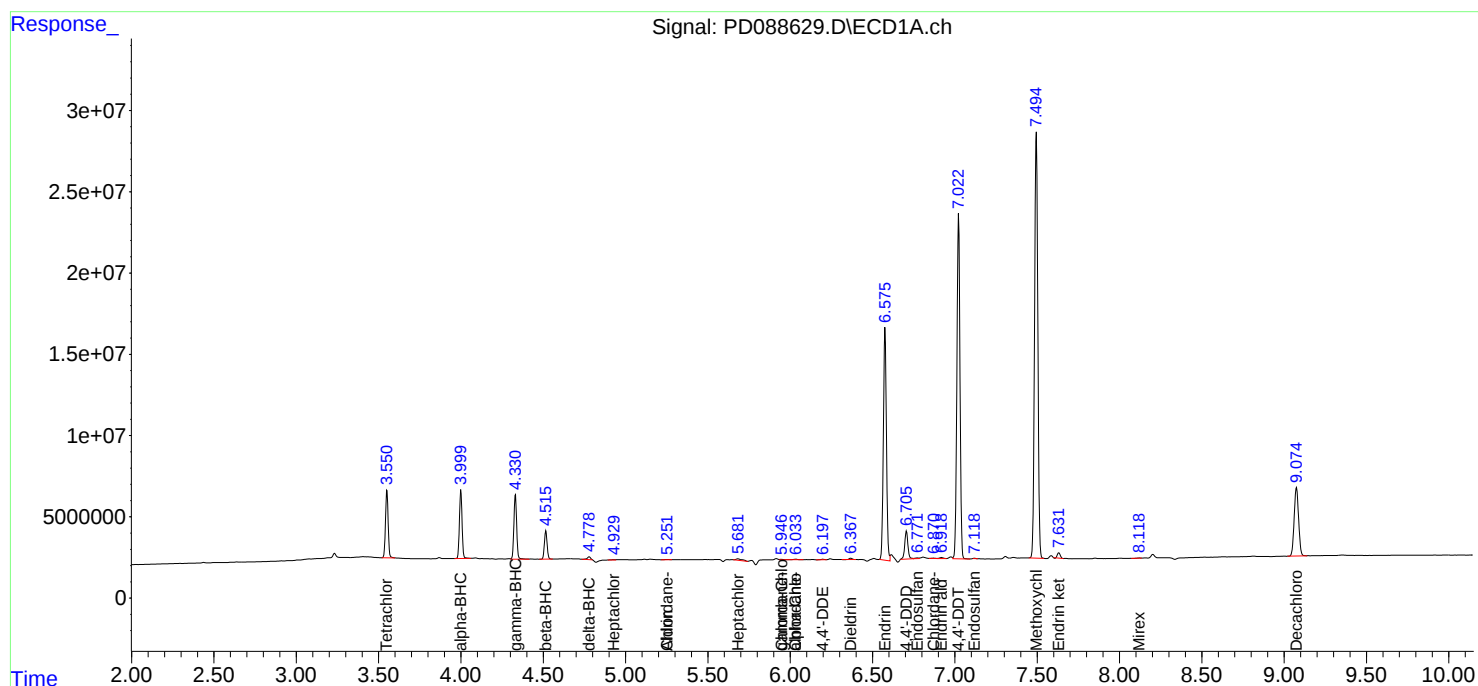
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

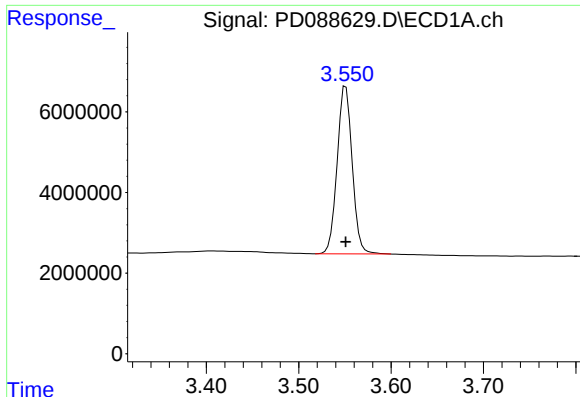
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052025\
Data File : PD088629.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 May 2025 08:25
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 21 03:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

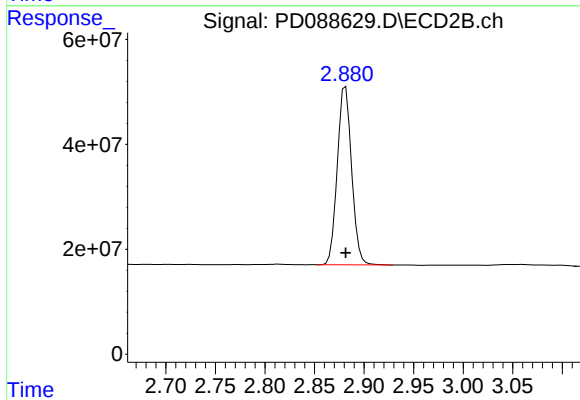




#1 Tetrachloro-m-xylene

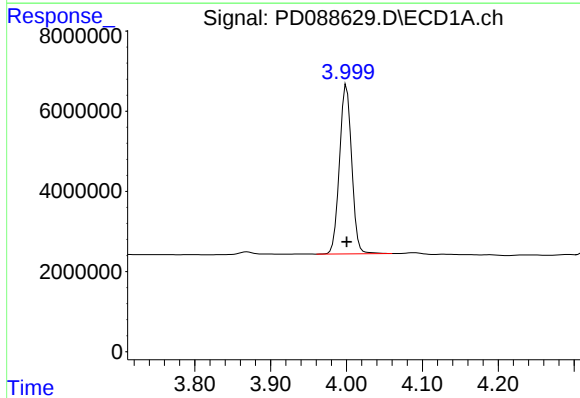
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47160633
Conc: 21.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



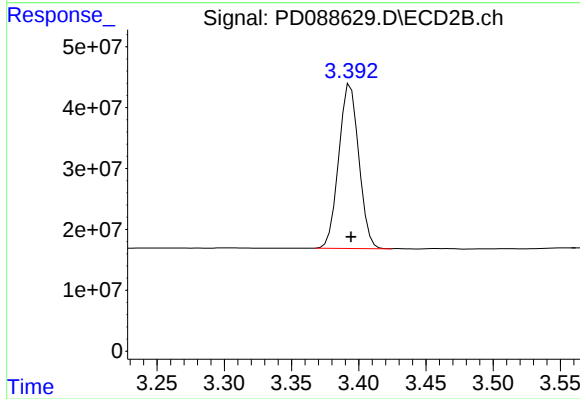
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 341510043
Conc: 22.58 ng/ml



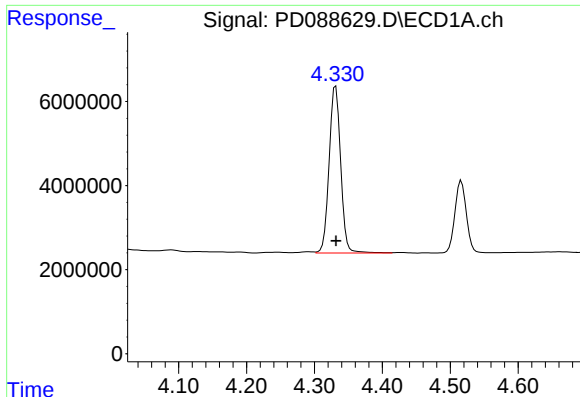
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 47184263
Conc: 9.88 ng/ml



#2 alpha-BHC

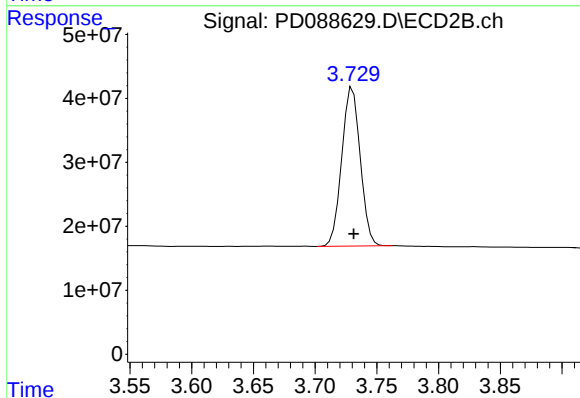
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 279094606
Conc: 11.68 ng/ml



#3 gamma-BHC (Lindane)

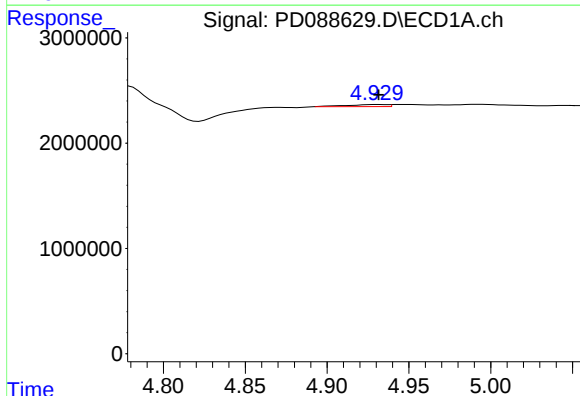
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 46901589
Conc: 10.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



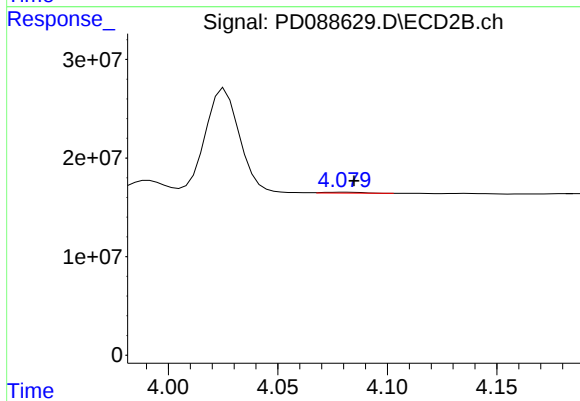
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.001 min
Response: 258428576
Conc: 11.66 ng/ml



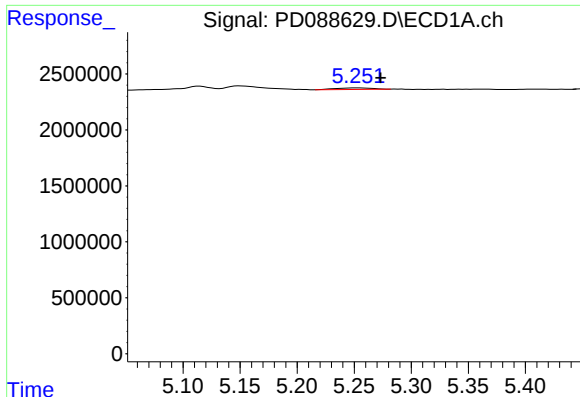
#4 Heptachlor

R.T.: 4.930 min
Delta R.T.: -0.002 min
Response: 360283
Conc: 0.08 ng/ml



#4 Heptachlor

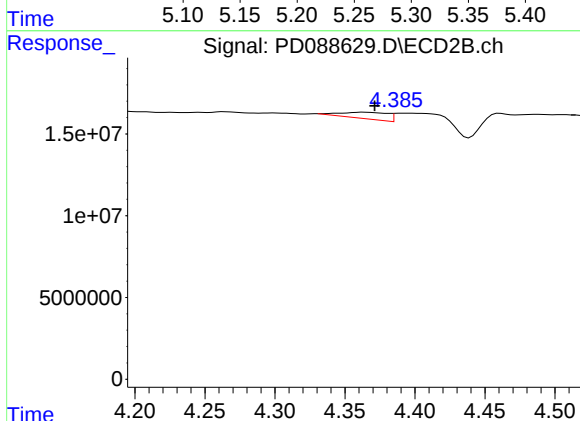
R.T.: 4.081 min
Delta R.T.: -0.004 min
Response: 1178842
Conc: 0.05 ng/ml



#5 Aldrin

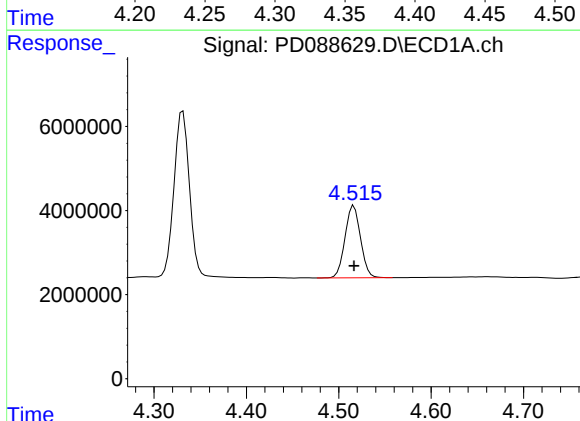
R.T.: 5.253 min
Delta R.T.: -0.021 min
Response: 303301
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



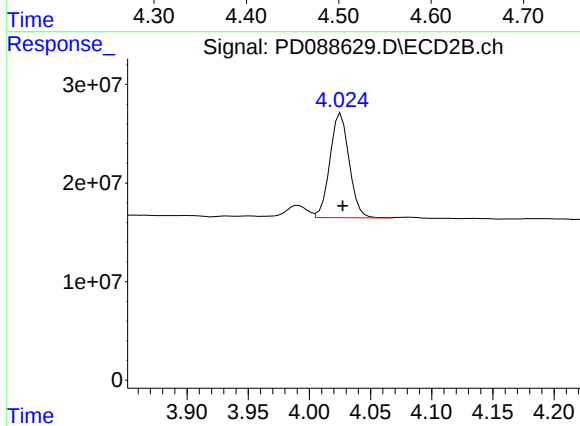
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.008 min
Response: 9282349
Conc: 0.42 ng/ml



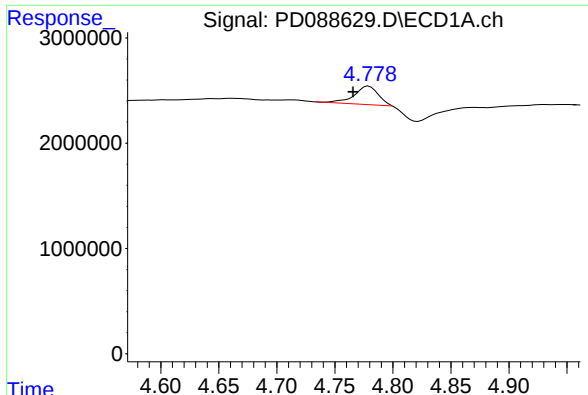
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 20015331
Conc: 11.10 ng/ml



#6 beta-BHC

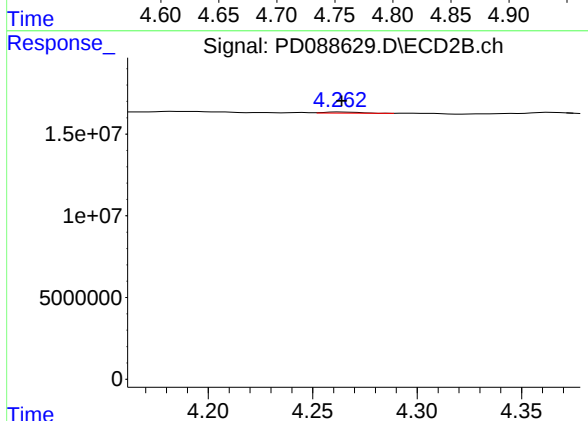
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 116061781
Conc: 11.91 ng/ml



#7 delta-BHC

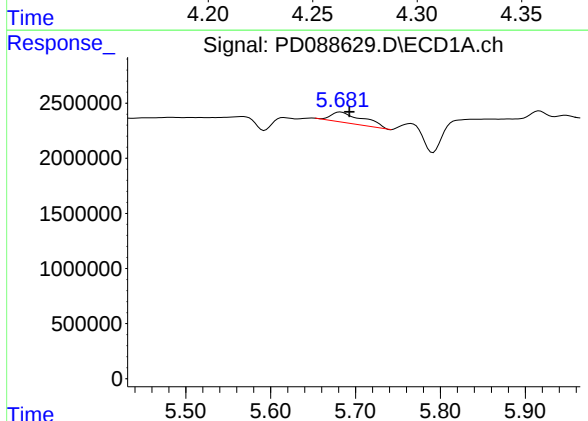
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 2495801
Conc: 0.59 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



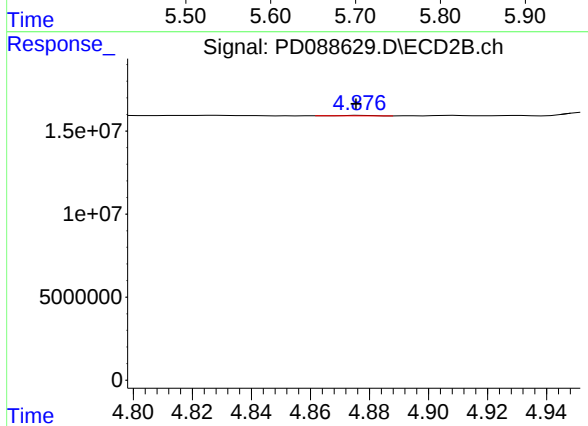
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: 0.000 min
Response: 763842
Conc: 0.03 ng/ml



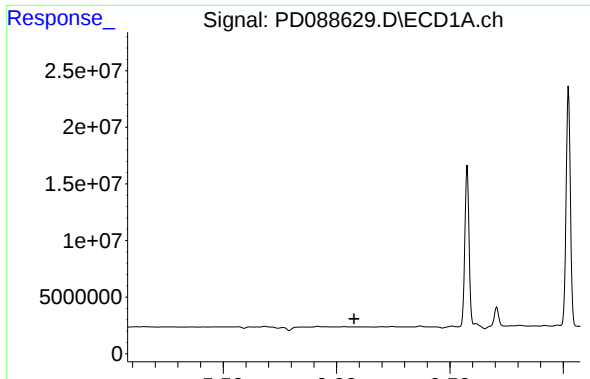
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.010 min
Response: 2569016
Conc: 0.65 ng/ml



#8 Heptachlor epoxide

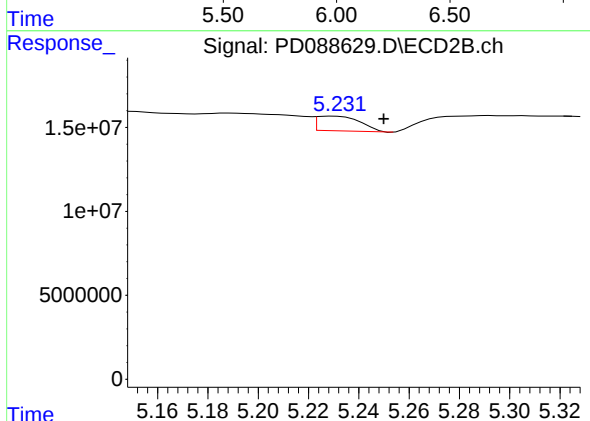
R.T.: 4.877 min
Delta R.T.: 0.002 min
Response: 177904
Conc: 0.01 ng/ml



#9 Endosulfan I

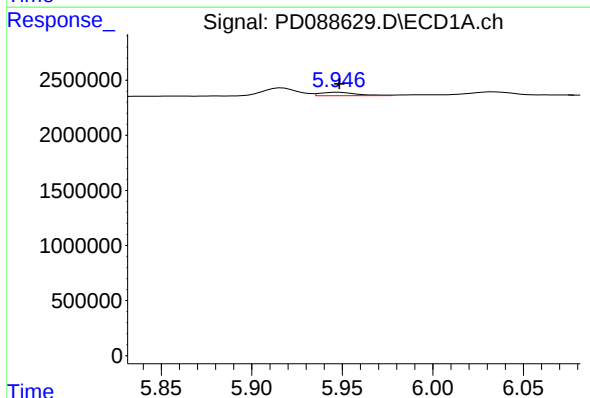
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



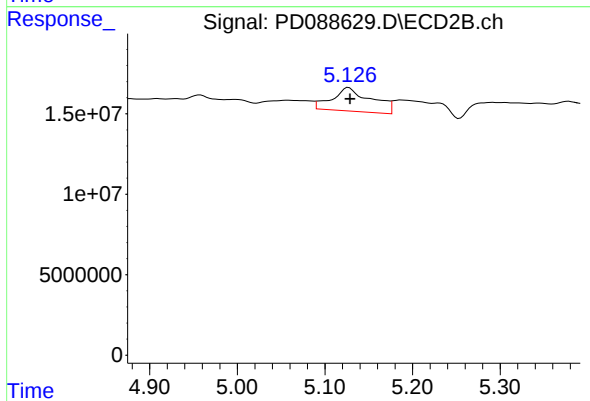
#9 Endosulfan I

R.T.: 5.230 min
Delta R.T.: -0.020 min
Response: 10567485
Conc: 0.56 ng/ml



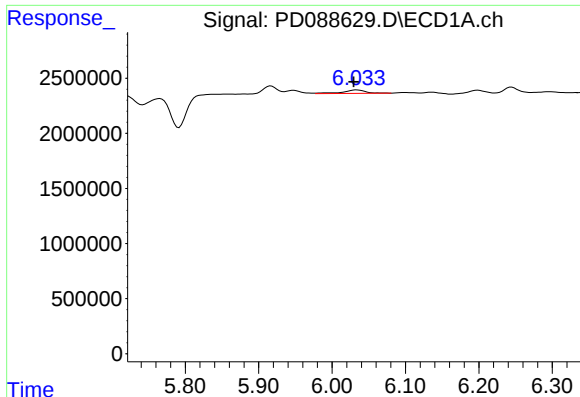
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 443050
Conc: 0.11 ng/ml



#10 gamma-Chlordane

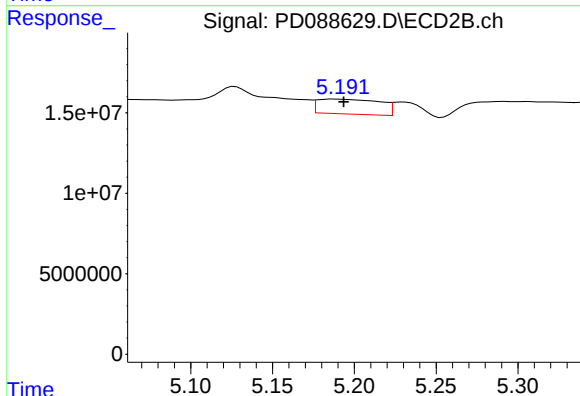
R.T.: 5.127 min
Delta R.T.: -0.002 min
Response: 45249914
Conc: 2.12 ng/ml



#11 alpha-Chlordane

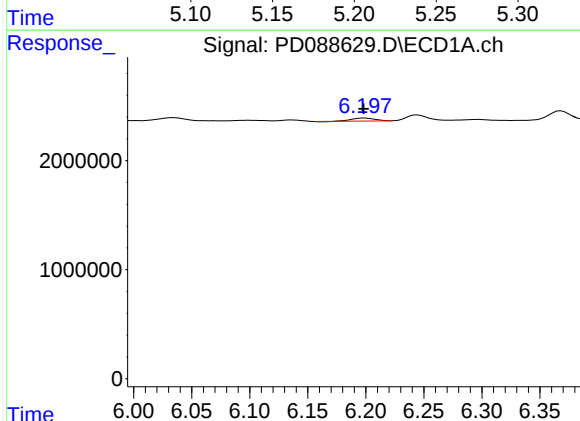
R.T.: 6.034 min
Delta R.T.: 0.005 min
Response: 661669
Conc: 0.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



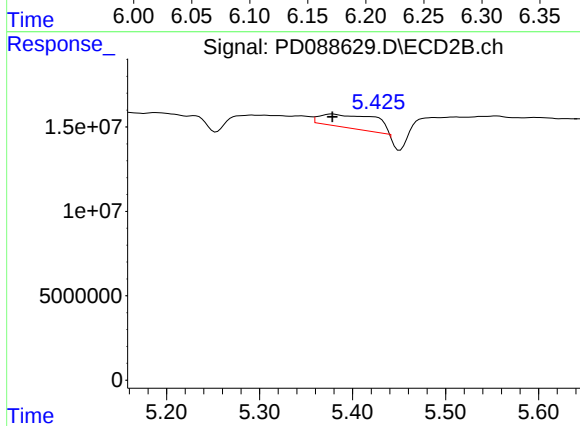
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.005 min
Response: 24575046
Conc: 1.19 ng/ml



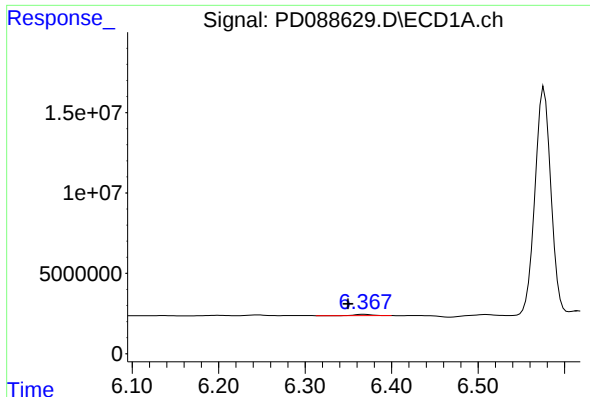
#12 4,4'-DDE

R.T.: 6.199 min
Delta R.T.: 0.000 min
Response: 363151
Conc: 0.10 ng/ml



#12 4,4'-DDE

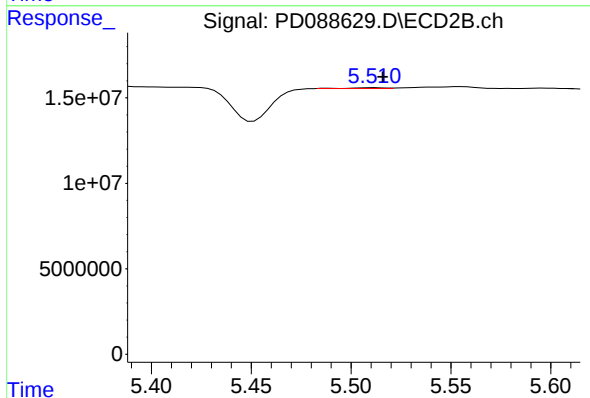
R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 32304877
Conc: 1.55 ng/ml



#13 Dieldrin

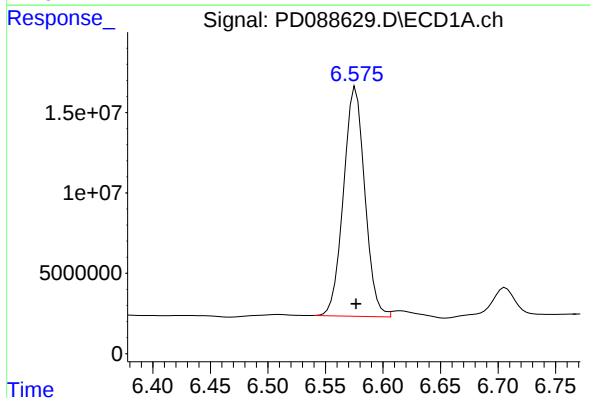
R.T.: 6.368 min
Delta R.T.: 0.019 min
Response: 1093794
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



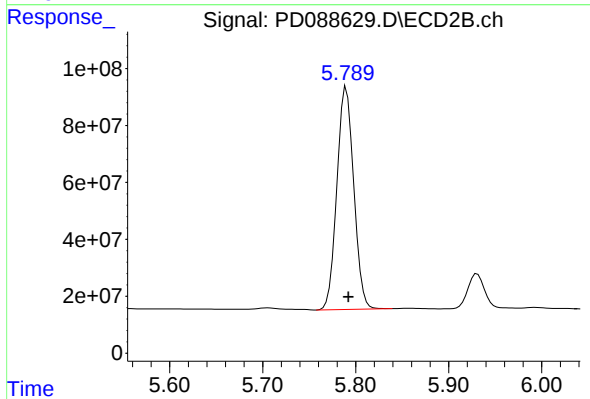
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.004 min
Response: 613459
Conc: 0.03 ng/ml



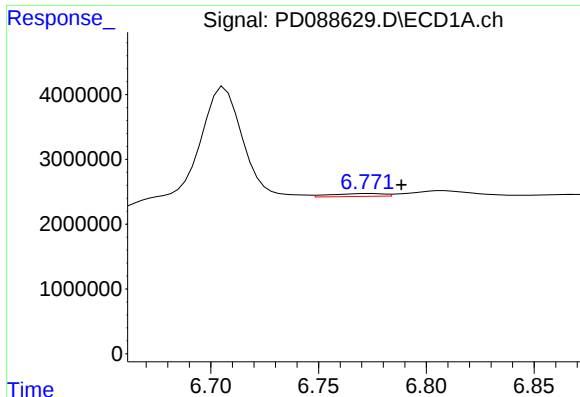
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 184551848
Conc: 54.04 ng/ml



#14 Endrin

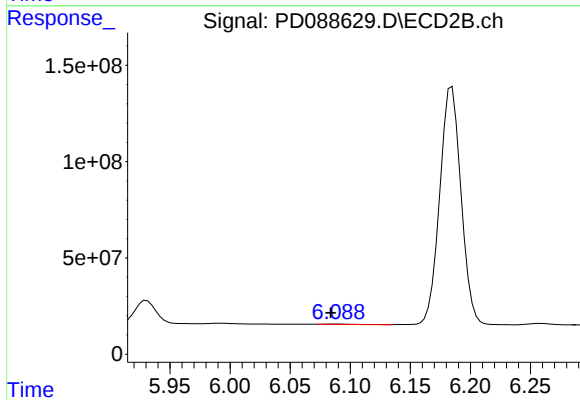
R.T.: 5.790 min
Delta R.T.: -0.002 min
Response: 986149063
Conc: 51.14 ng/ml



#15 Endosulfan II

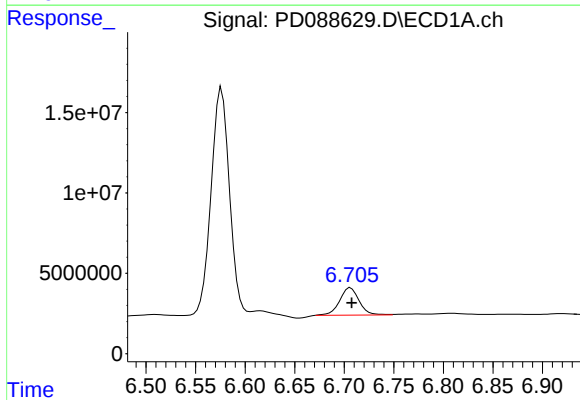
R.T.: 6.773 min
Delta R.T.: -0.015 min
Response: 746219
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



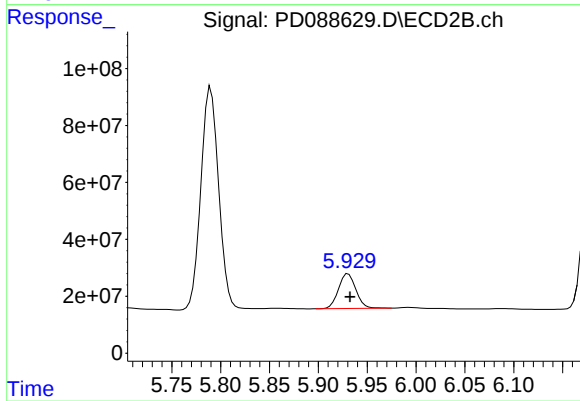
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.005 min
Response: 2687017
Conc: 0.15 ng/ml



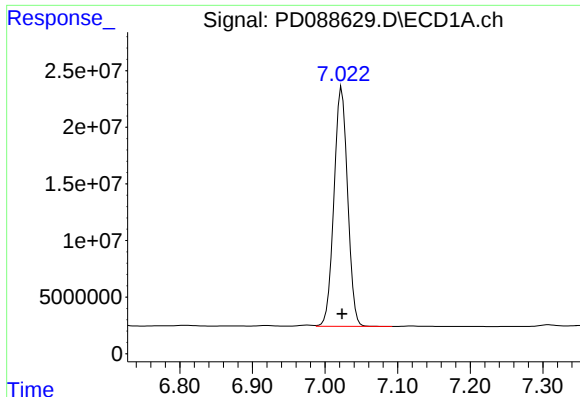
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 23258898
Conc: 8.35 ng/ml



#16 4,4'-DDD

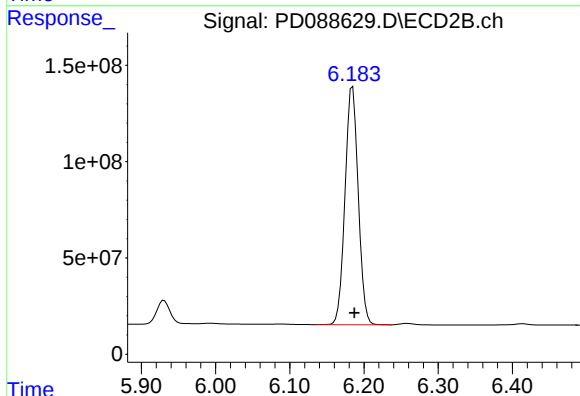
R.T.: 5.931 min
Delta R.T.: -0.002 min
Response: 151542230
Conc: 8.71 ng/ml



#17 4,4'-DDT

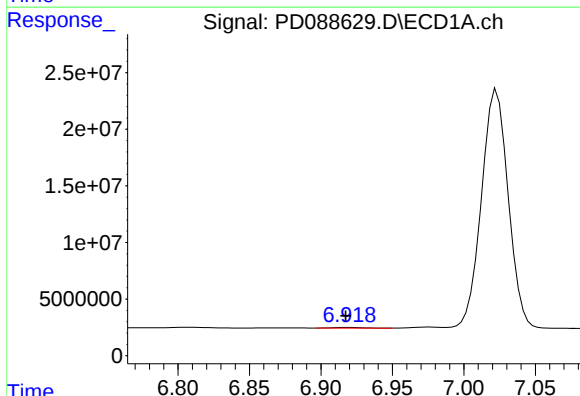
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 275528403
Conc: 88.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



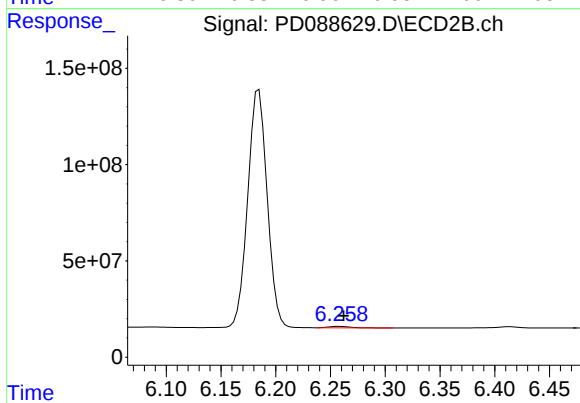
#17 4,4'-DDT

R.T.: 6.185 min
Delta R.T.: -0.002 min
Response: 1528602654
Conc: 84.28 ng/ml



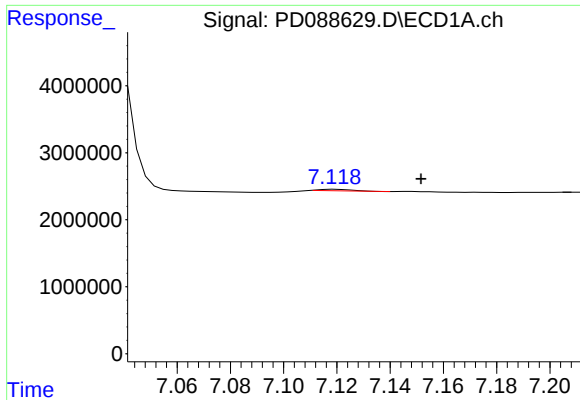
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.002 min
Response: 1013723
Conc: 0.39 ng/ml



#18 Endrin aldehyde

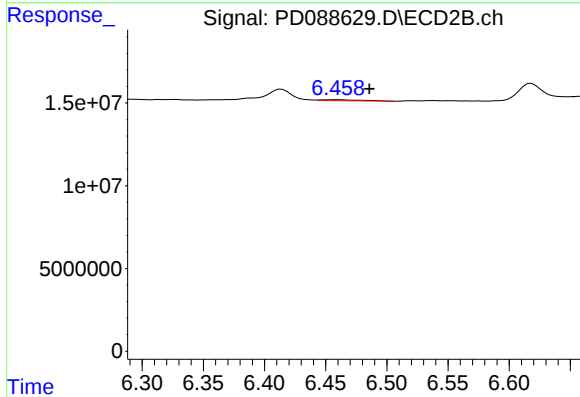
R.T.: 6.259 min
Delta R.T.: -0.003 min
Response: 10143919
Conc: 0.73 ng/ml



#19 Endosulfan Sulfate

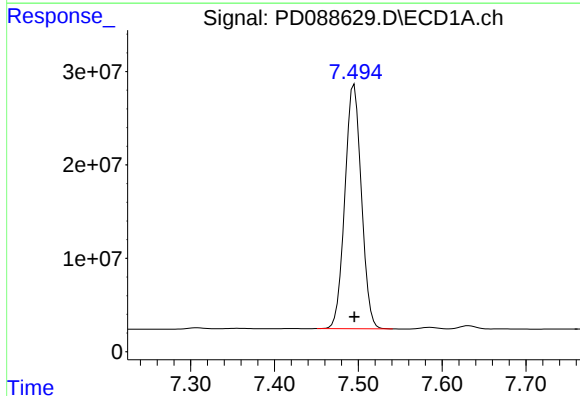
R.T.: 7.119 min
Delta R.T.: -0.032 min
Response: 175815
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



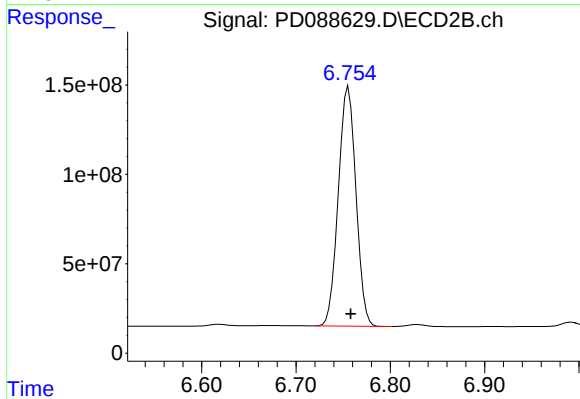
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: -0.026 min
Response: 1368186
Conc: 0.08 ng/ml



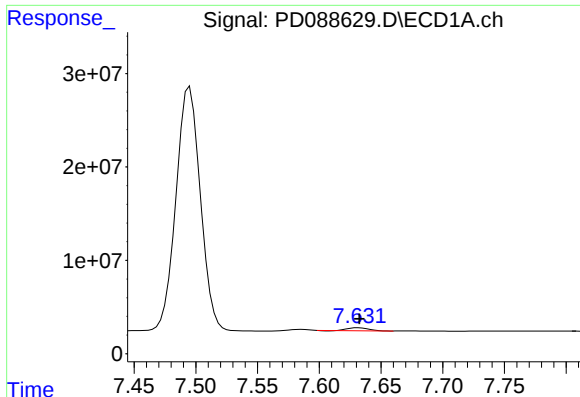
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 358532364
Conc: 214.62 ng/ml



#20 Methoxychlor

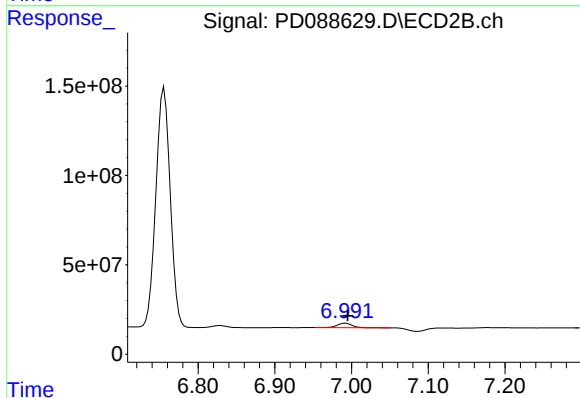
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1742422722
Conc: 181.98 ng/ml



#21 Endrin ketone

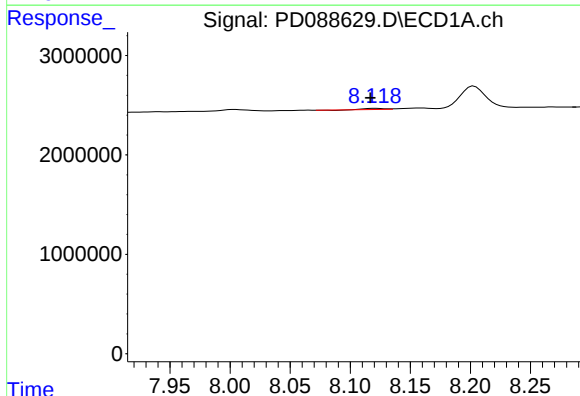
R.T.: 7.632 min
Delta R.T.: 0.000 min
Response: 3782172
Conc: 1.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



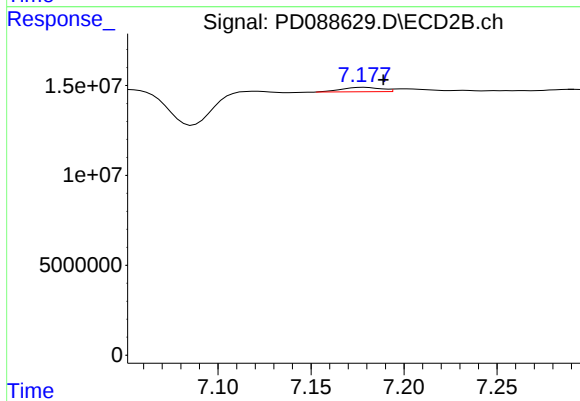
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 32885386
Conc: 1.70 ng/ml



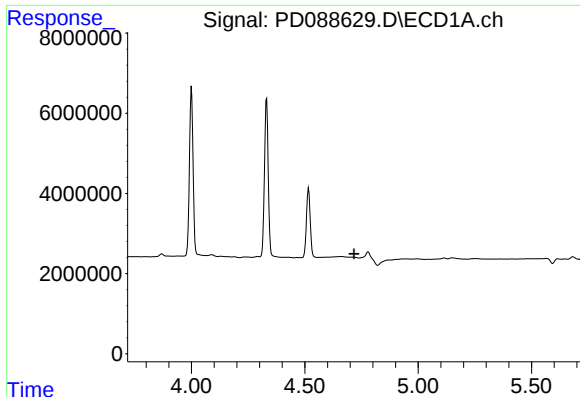
#22 Mirex

R.T.: 8.121 min
Delta R.T.: 0.004 min
Response: 90865
Conc: 0.03 ng/ml



#22 Mirex

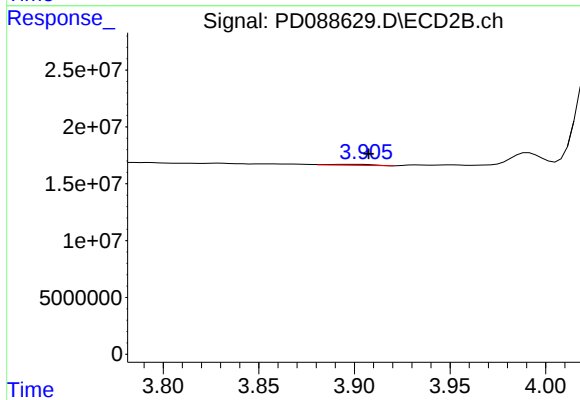
R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 3658721
Conc: 0.24 ng/ml



#23 Chlordane-1

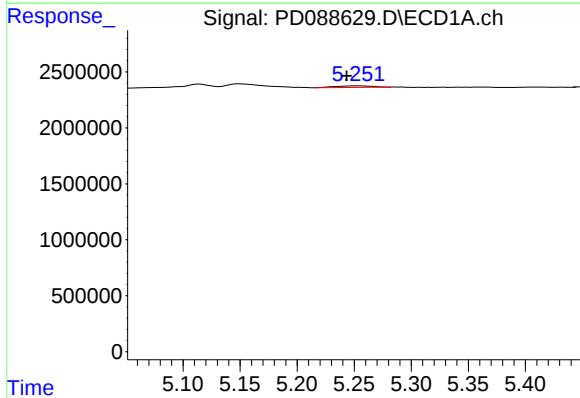
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



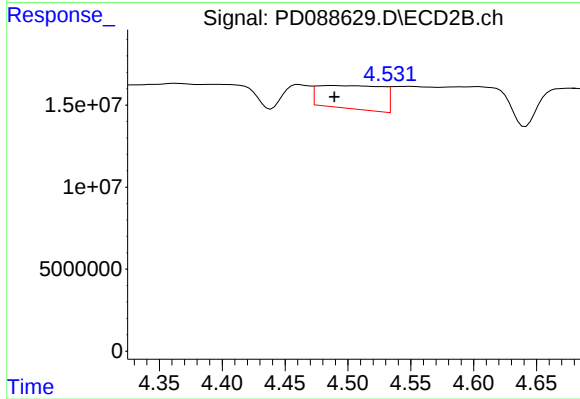
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.008 min
Response: 1416501
Conc: 1.71 ng/ml



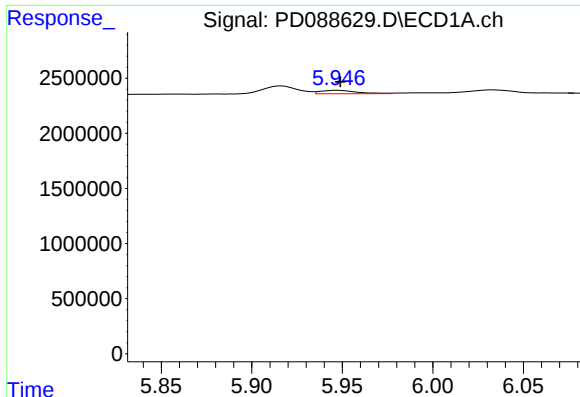
#24 Chlordane-2

R.T.: 5.253 min
Delta R.T.: 0.009 min
Response: 303301
Conc: 1.65 ng/ml



#24 Chlordane-2

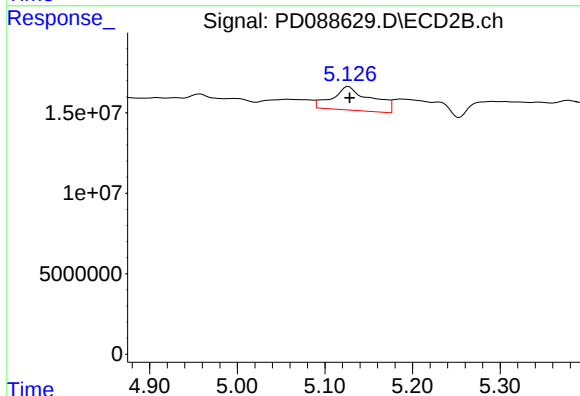
R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 50357349
Conc: 59.66 ng/ml



#25 Chlordane-3

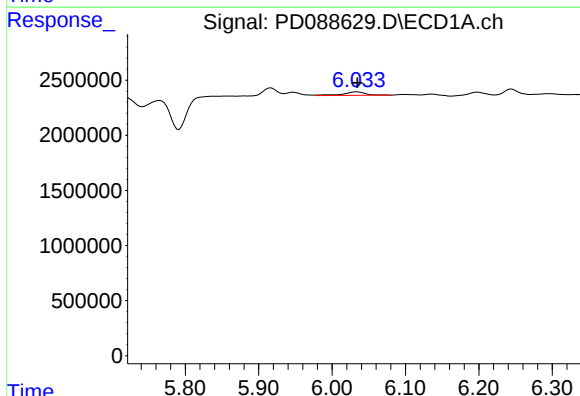
R.T.: 5.948 min
Delta R.T.: -0.001 min
Response: 443050
Conc: 0.60 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



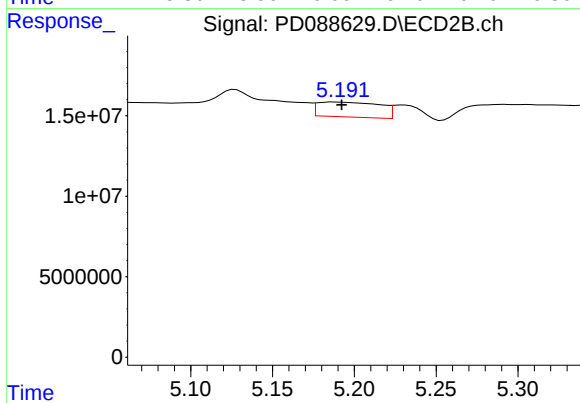
#25 Chlordane-3

R.T.: 5.127 min
Delta R.T.: -0.001 min
Response: 45249914
Conc: 17.16 ng/ml



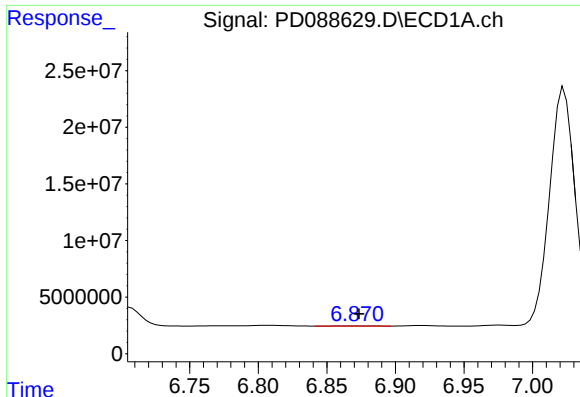
#26 Chlordane-4

R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 661669
Conc: 0.74 ng/ml



#26 Chlordane-4

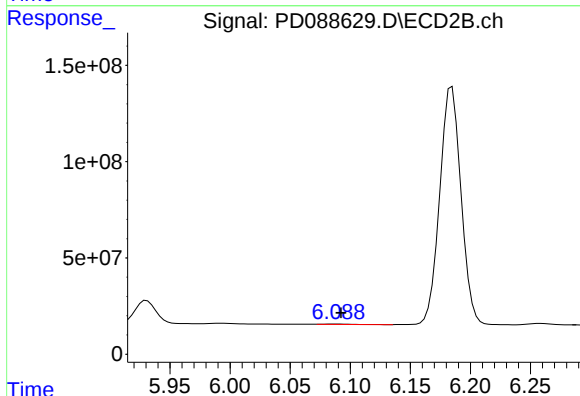
R.T.: 5.188 min
Delta R.T.: -0.004 min
Response: 24575046
Conc: 11.11 ng/ml



#27 Chlordane-5

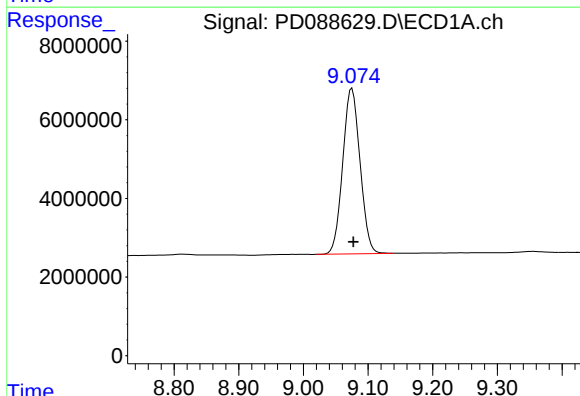
R.T.: 6.871 min
Delta R.T.: -0.002 min
Response: 309889
Conc: 2.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



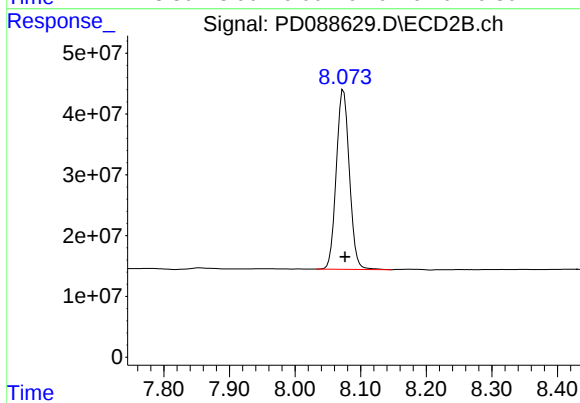
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.004 min
Response: 2687017
Conc: 2.68 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.075 min
Delta R.T.: -0.002 min
Response: 78382012
Conc: 22.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.074 min
Delta R.T.: -0.003 min
Response: 409684118
Conc: 22.44 ng/ml