

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
 Data File : PD088716.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2025 10:12
 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 22 22:39:47 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...	3.556	2.881	47156953	336.5E6	21.794	22.245
28)	SA Decachlor...	9.082	8.076	74431700	367.5E6	21.749	20.128
Target Compounds							
2)	A alpha-BHC	4.005	3.394	47481810	273.0E6	9.941	11.422
3)	MA gamma-BHC...	4.336	3.731	46667569	252.9E6	10.139	11.409
4)	MA Heptachlor	4.935	4.082	222119	1428580	0.050	0.064 #
5)	MB Aldrin	5.252f	4.368	20742	2012048	0.005	0.092 #
6)	B beta-BHC	4.521	4.026	20434230	113.3E6	11.332	11.627
7)	B delta-BHC	4.784f	4.248f	1708615	203875	0.404	0.009 #
8)	B Heptachlo...	5.682	4.876	210337	372384	0.053	0.019 #
9)	A Endosulfan I	0.000	5.276f	0	1004065	N.D.	0.053 #
10)	B gamma-Chl...	5.952	5.128	470852	22492632	0.118	1.054 #
11)	B alpha-Chl...	6.041	5.192	550909	4452665	0.138	0.216 #
12)	B 4,4'-DDE	6.203	5.379	319850	3494684	0.089	0.167 #
13)	MA Dieldrin	6.374f	5.511	1333217	567701	0.332	0.027 #
14)	MA Endrin	6.581	5.791	172.9E6	930.0E6	50.637	48.226
15)	B Endosulfa...	6.781	6.090	96546	4422960	0.028	0.241 #
16)	A 4,4'-DDD	6.712	5.932	28557898	193.1E6	10.254	11.102
17)	MA 4,4'-DDT	7.029	6.187	260.6E6	1434.9E6	83.458	79.116
18)	B Endrin al...	6.923	6.261	1367775	12999947	0.531	0.933 #
19)	B Endosulfa...	7.125f	6.502f	446078	137557	0.139	0.008 #
20)	A Methoxychlor	7.500	6.758	331.3E6	1590.1E6	198.301	166.077
21)	B Endrin ke...	7.638	6.994	6060067	55980415	1.770	2.893 #
22)	Mirex	0.000	7.179	0	1969191	N.D.	0.130 #
23)	Chlordane-1	0.000	3.905	0	1074630	N.D.	1.300 #
24)	Chlordane-2	5.252	4.488	20742	1083208	0.113	1.283 #
25)	Chlordane-3	5.952	5.128	470852	22492632	0.636	8.530 #
26)	Chlordane-4	6.041	5.192	550909	4452665	0.615	2.013 #
27)	Chlordane-5	6.876	6.090	130794	4422960	0.860	4.419 #

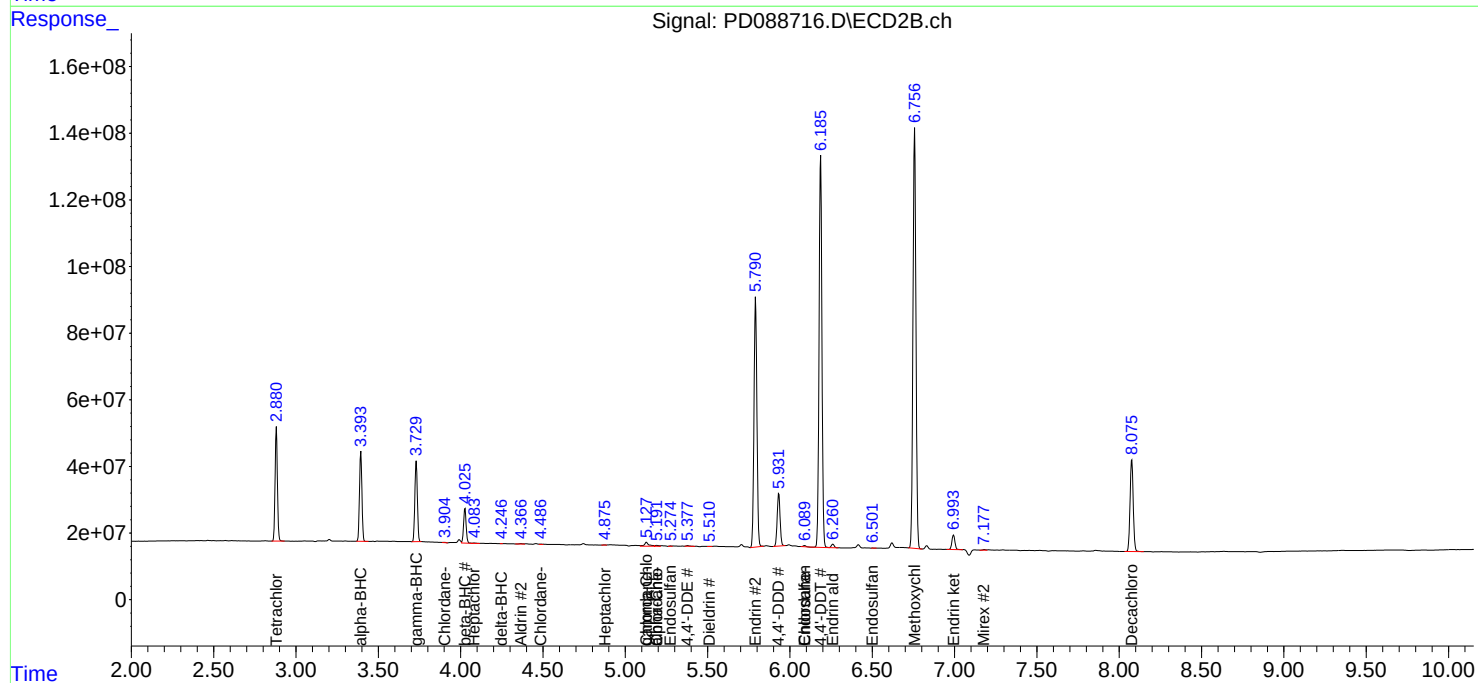
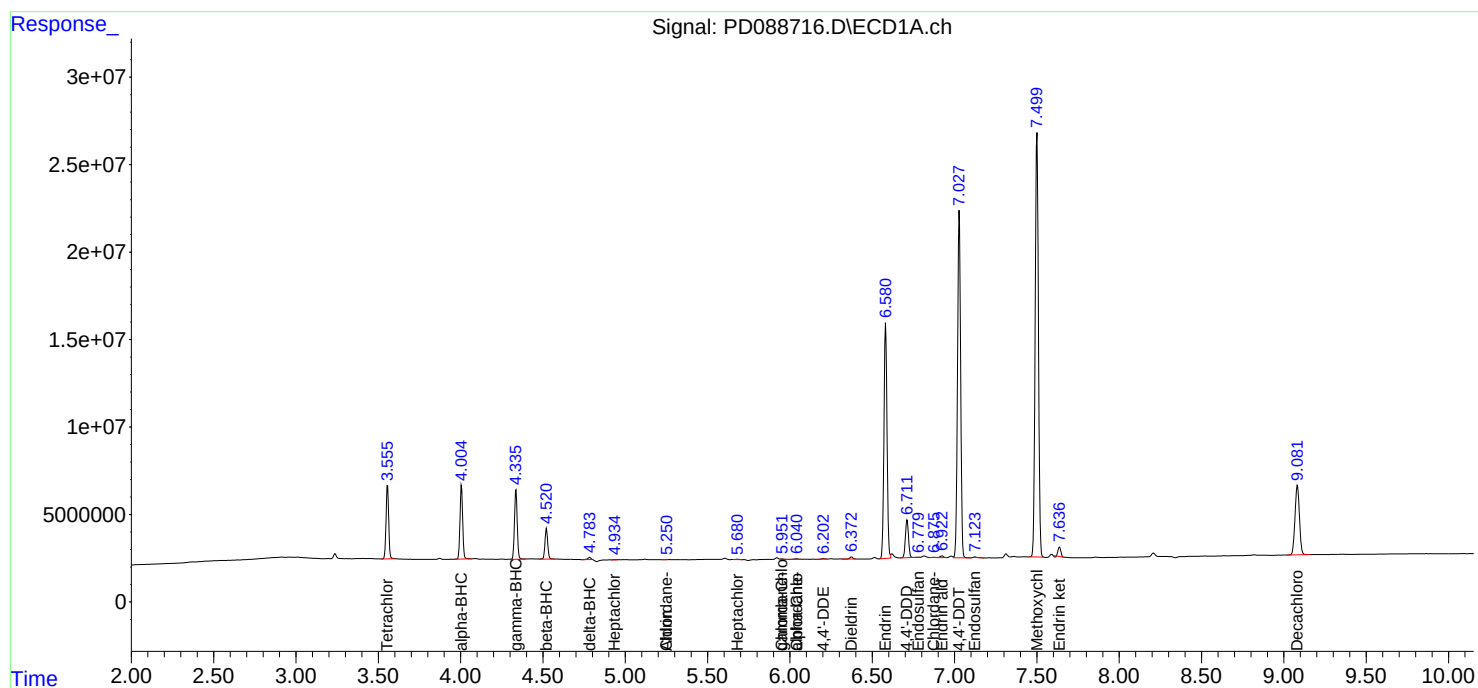
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

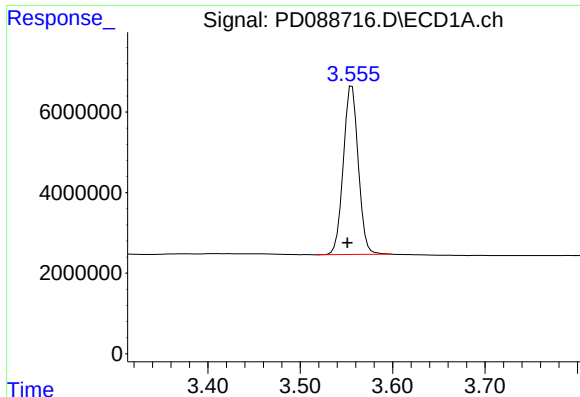
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD052325\
Data File : PD088716.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 22 May 2025 10:12
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 22 22:39:47 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

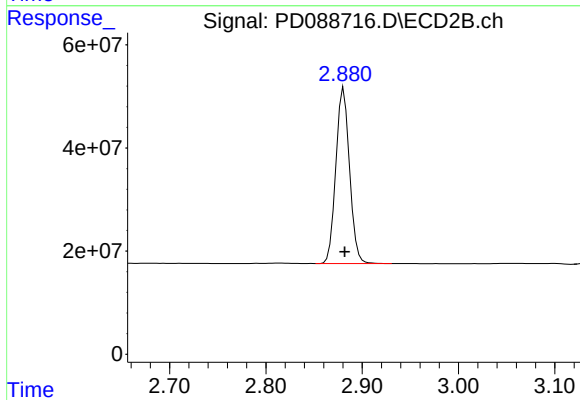




#1 Tetrachloro-m-xylene

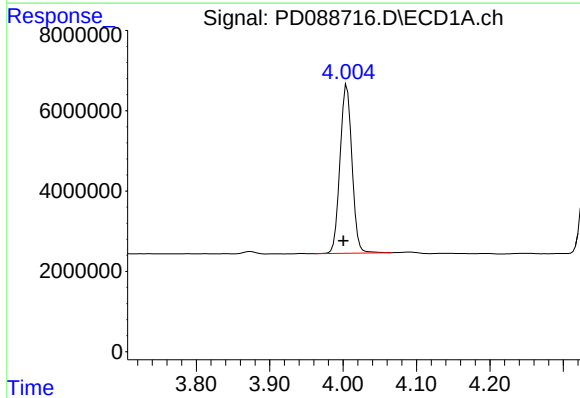
R.T.: 3.556 min
Delta R.T.: 0.005 min
Response: 47156953
Conc: 21.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



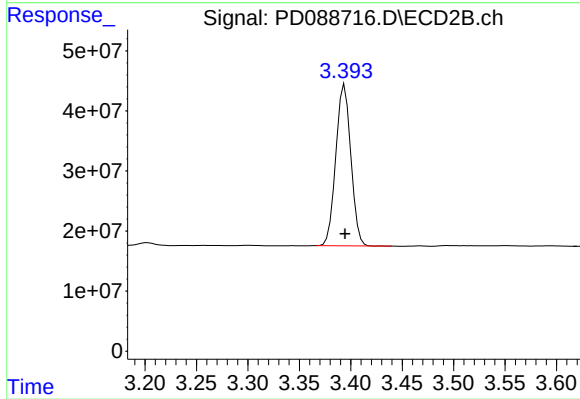
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 336490557
Conc: 22.24 ng/ml



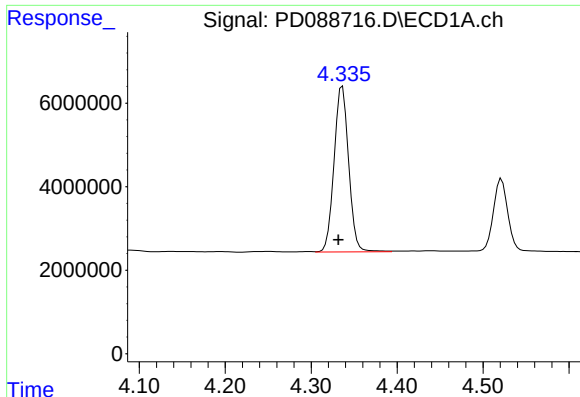
#2 alpha-BHC

R.T.: 4.005 min
Delta R.T.: 0.005 min
Response: 47481810
Conc: 9.94 ng/ml



#2 alpha-BHC

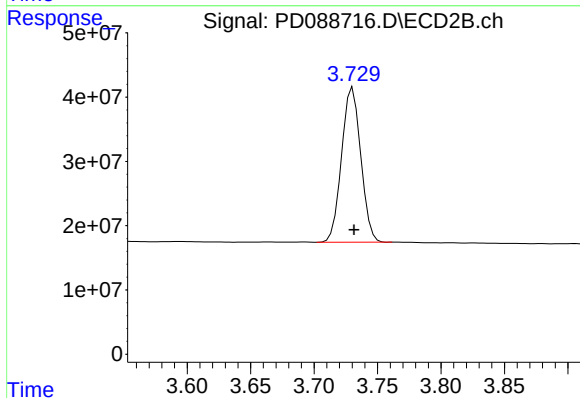
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 273025792
Conc: 11.42 ng/ml



#3 gamma-BHC (Lindane)

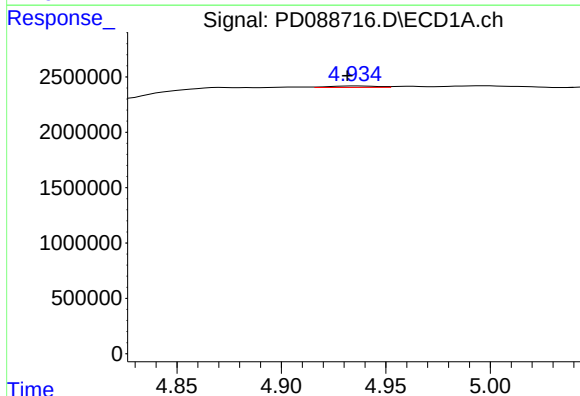
R.T.: 4.336 min
Delta R.T.: 0.005 min
Response: 46667569
Conc: 10.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



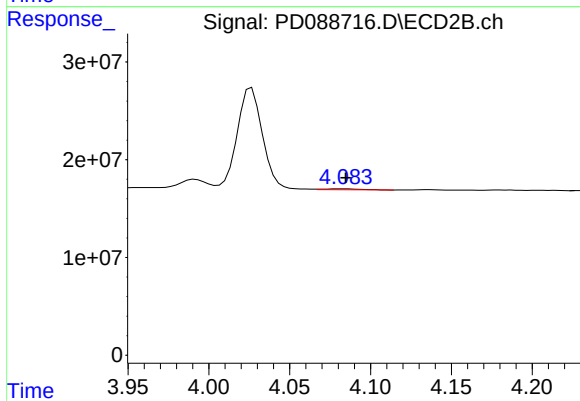
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 252883931
Conc: 11.41 ng/ml



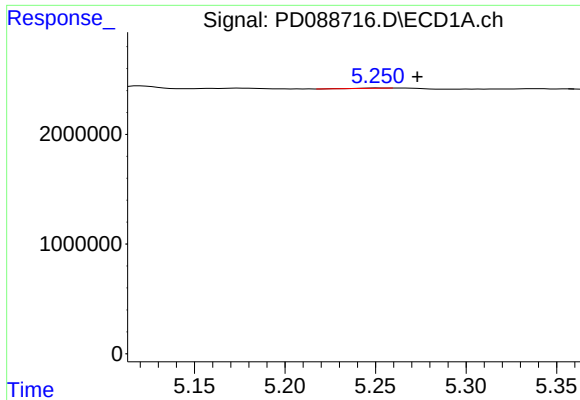
#4 Heptachlor

R.T.: 4.935 min
Delta R.T.: 0.004 min
Response: 222119
Conc: 0.05 ng/ml



#4 Heptachlor

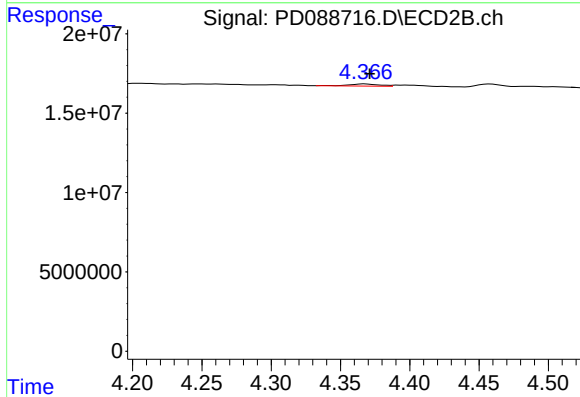
R.T.: 4.082 min
Delta R.T.: -0.002 min
Response: 1428580
Conc: 0.06 ng/ml



#5 Aldrin

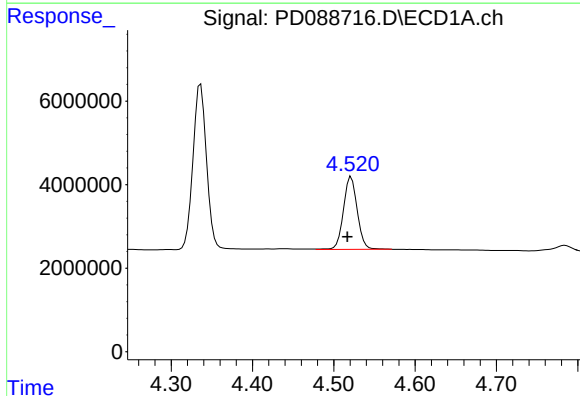
R.T.: 5.252 min
Delta R.T.: -0.021 min
Response: 20742
Conc: 0.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



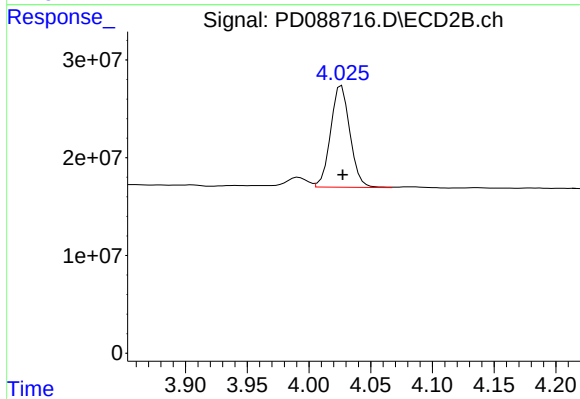
#5 Aldrin

R.T.: 4.368 min
Delta R.T.: -0.003 min
Response: 2012048
Conc: 0.09 ng/ml



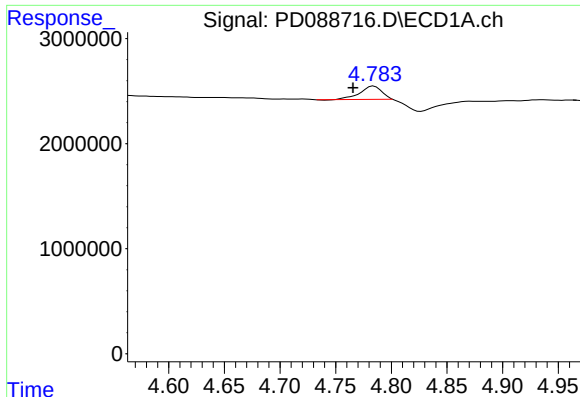
#6 beta-BHC

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 20434230
Conc: 11.33 ng/ml



#6 beta-BHC

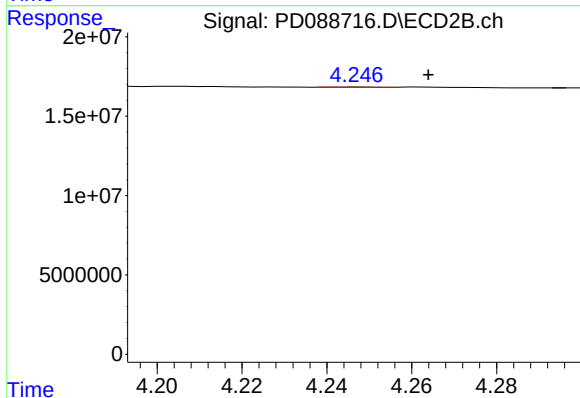
R.T.: 4.026 min
Delta R.T.: 0.000 min
Response: 113270329
Conc: 11.63 ng/ml



#7 delta-BHC

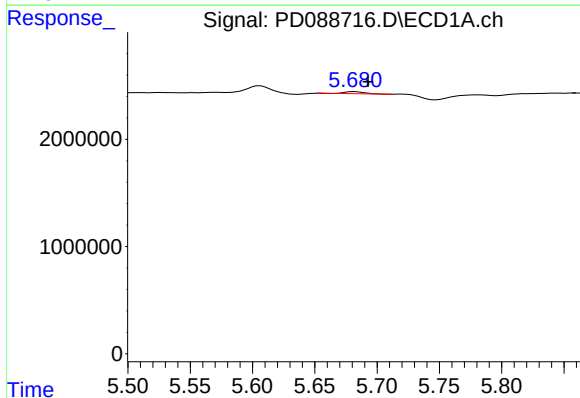
R.T.: 4.784 min
Delta R.T.: 0.019 min
Response: 1708615
Conc: 0.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



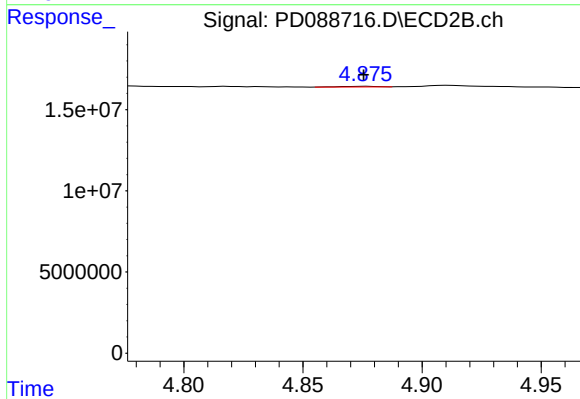
#7 delta-BHC

R.T.: 4.248 min
Delta R.T.: -0.016 min
Response: 203875
Conc: 0.01 ng/ml



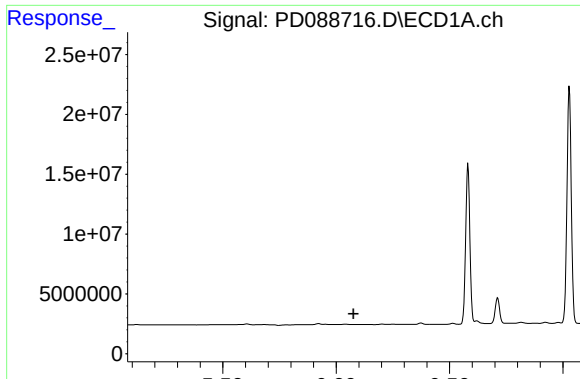
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.011 min
Response: 210337
Conc: 0.05 ng/ml



#8 Heptachlor epoxide

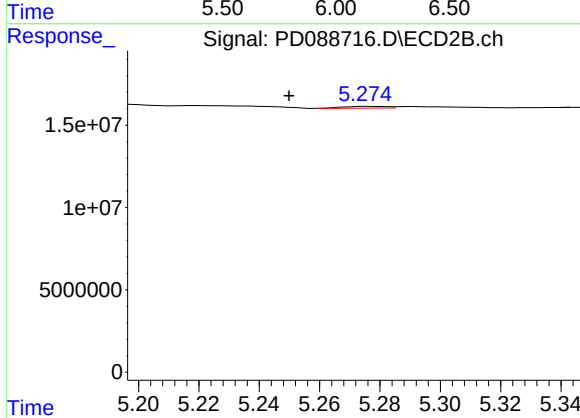
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 372384
Conc: 0.02 ng/ml



#9 Endosulfan I

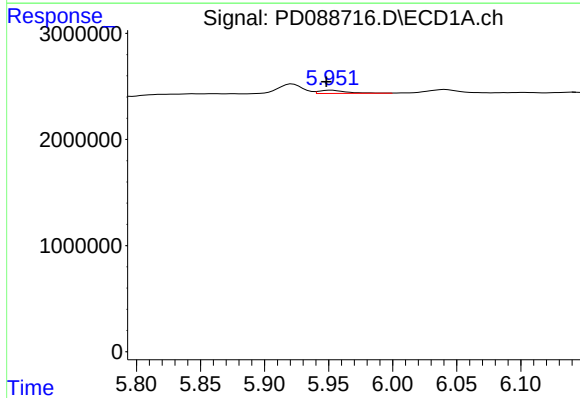
R.T.: 0.000 min
Exp R.T.: 6.077 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



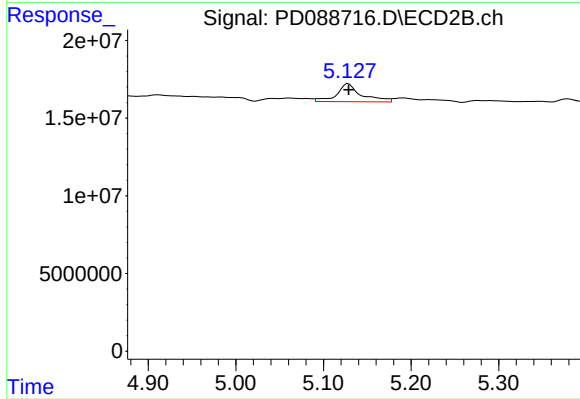
#9 Endosulfan I

R.T.: 5.276 min
Delta R.T.: 0.026 min
Response: 1004065
Conc: 0.05 ng/ml



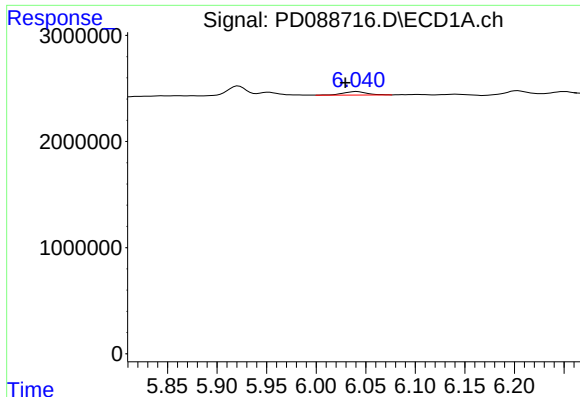
#10 gamma-Chlordane

R.T.: 5.952 min
Delta R.T.: 0.004 min
Response: 470852
Conc: 0.12 ng/ml



#10 gamma-Chlordane

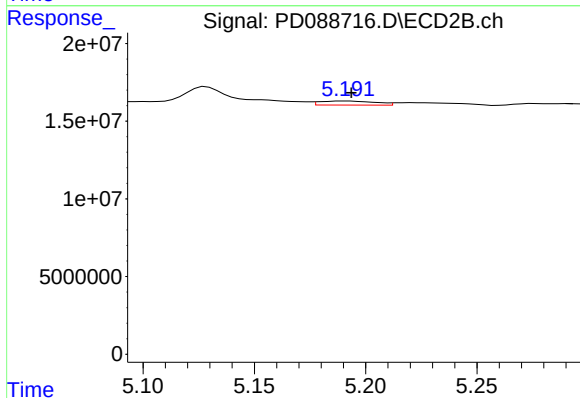
R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 22492632
Conc: 1.05 ng/ml



#11 alpha-Chlordane

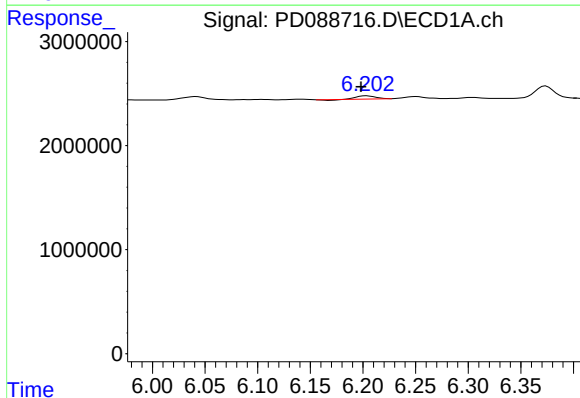
R.T.: 6.041 min
Delta R.T.: 0.012 min
Response: 550909
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



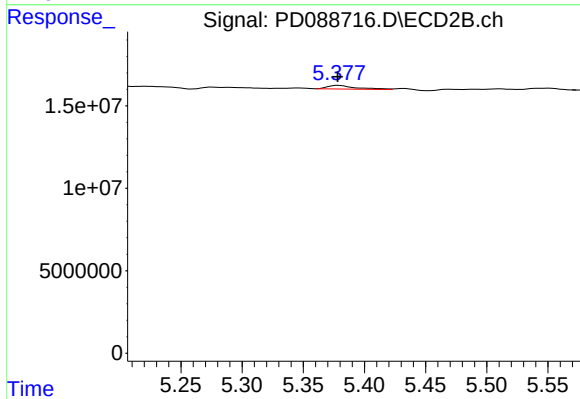
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 4452665
Conc: 0.22 ng/ml



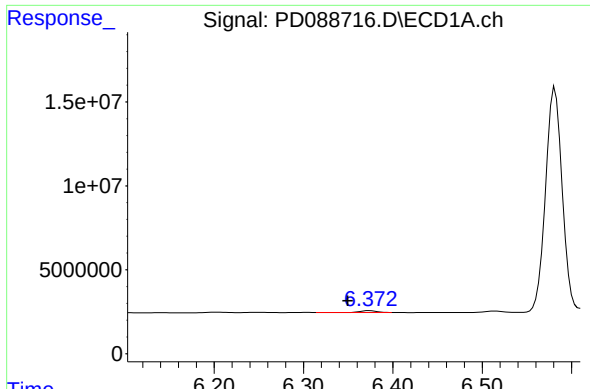
#12 4,4'-DDE

R.T.: 6.203 min
Delta R.T.: 0.005 min
Response: 319850
Conc: 0.09 ng/ml



#12 4,4'-DDE

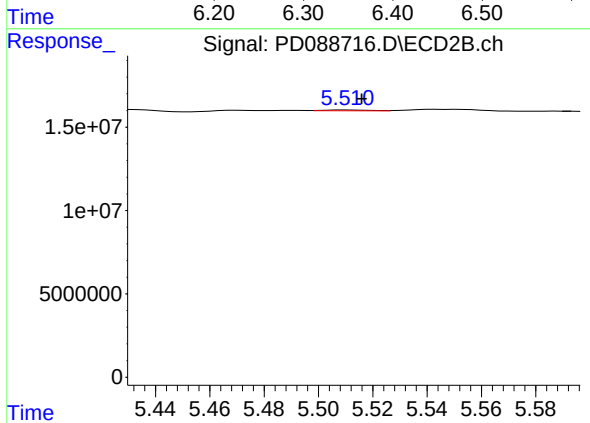
R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 3494684
Conc: 0.17 ng/ml



#13 Dieldrin

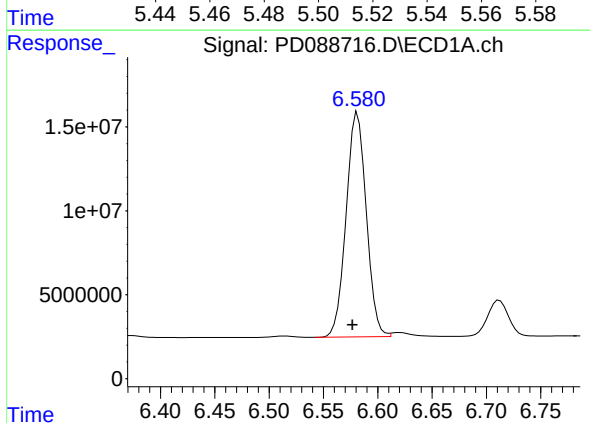
R.T.: 6.374 min
Delta R.T.: 0.024 min
Response: 1333217
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



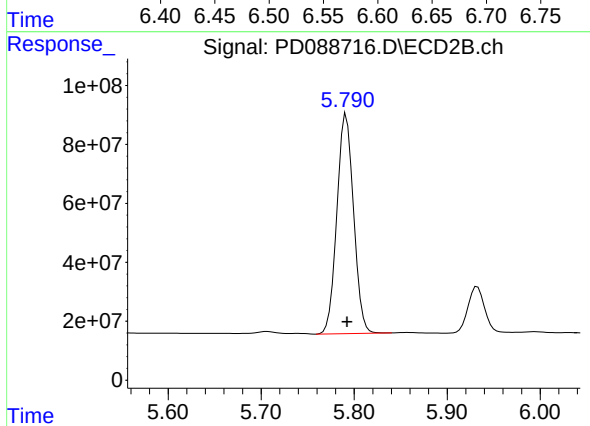
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.005 min
Response: 567701
Conc: 0.03 ng/ml



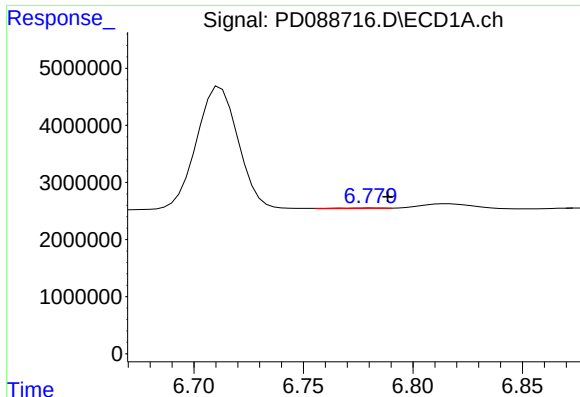
#14 Endrin

R.T.: 6.581 min
Delta R.T.: 0.005 min
Response: 172935531
Conc: 50.64 ng/ml



#14 Endrin

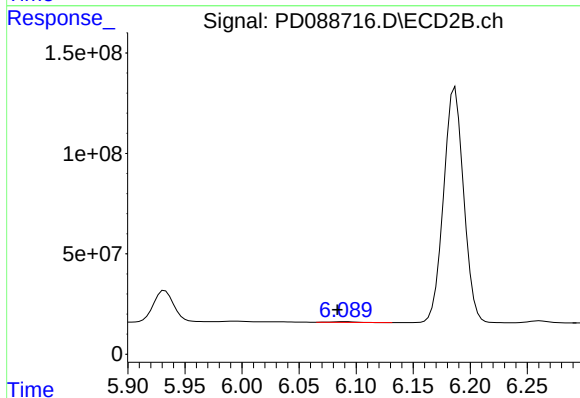
R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 929995390
Conc: 48.23 ng/ml



#15 Endosulfan II

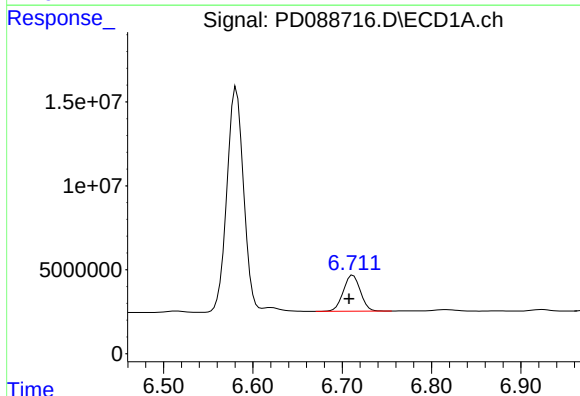
R.T.: 6.781 min
Delta R.T.: -0.008 min
Response: 96546
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



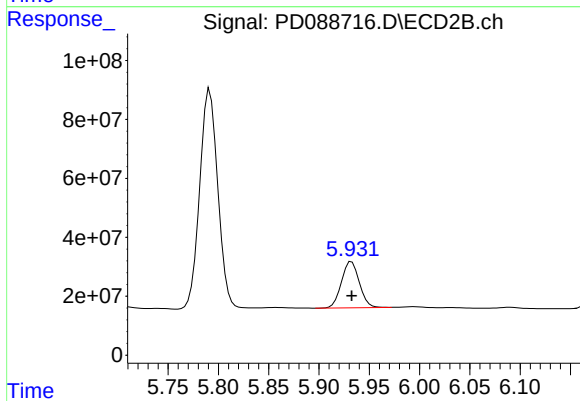
#15 Endosulfan II

R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 4422960
Conc: 0.24 ng/ml



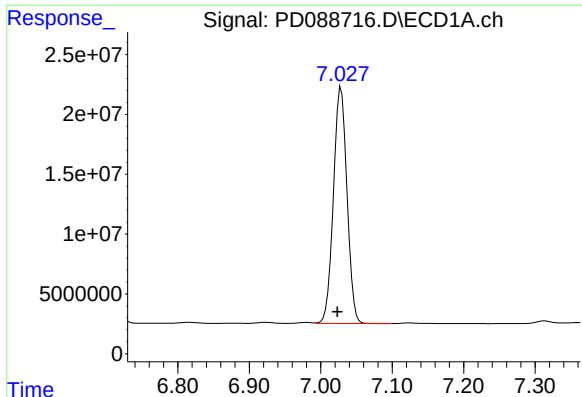
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.005 min
Response: 28557898
Conc: 10.25 ng/ml



#16 4,4'-DDD

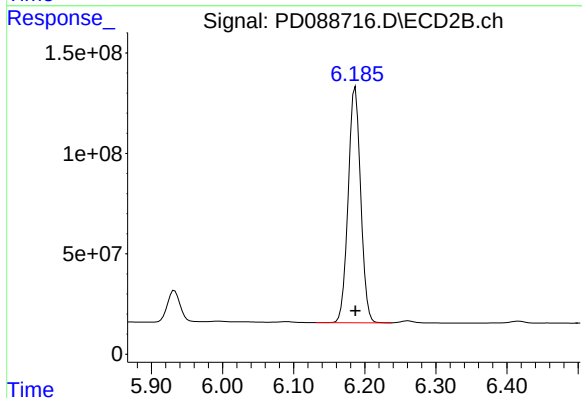
R.T.: 5.932 min
Delta R.T.: 0.000 min
Response: 193097380
Conc: 11.10 ng/ml



#17 4,4'-DDT

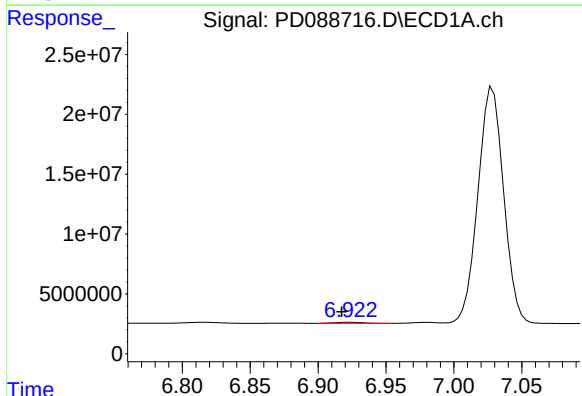
R.T.: 7.029 min
Delta R.T.: 0.005 min
Response: 260559996
Conc: 83.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



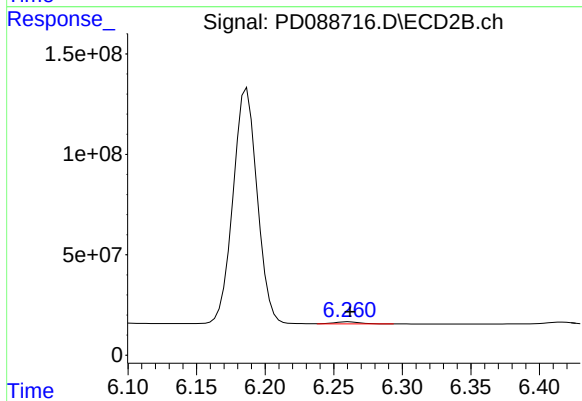
#17 4,4'-DDT

R.T.: 6.187 min
Delta R.T.: 0.000 min
Response: 1434945504
Conc: 79.12 ng/ml



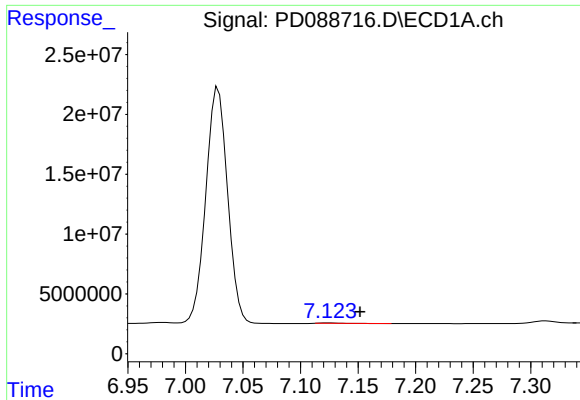
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.006 min
Response: 1367775
Conc: 0.53 ng/ml



#18 Endrin aldehyde

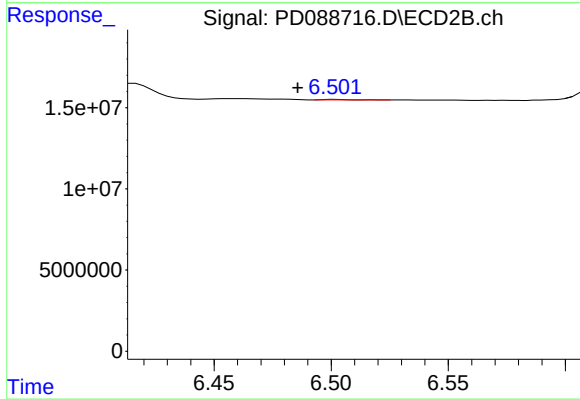
R.T.: 6.261 min
Delta R.T.: -0.001 min
Response: 12999947
Conc: 0.93 ng/ml



#19 Endosulfan Sulfate

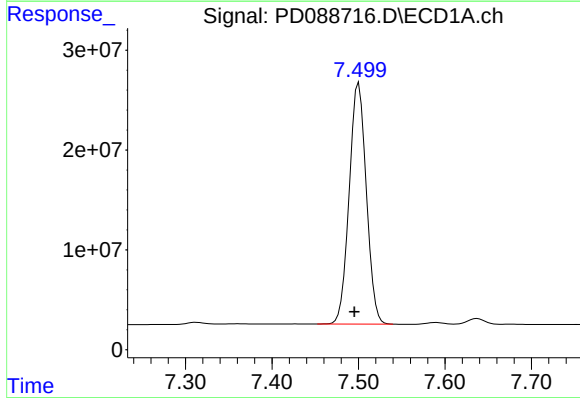
R.T.: 7.125 min
Delta R.T.: -0.027 min
Response: 446078
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



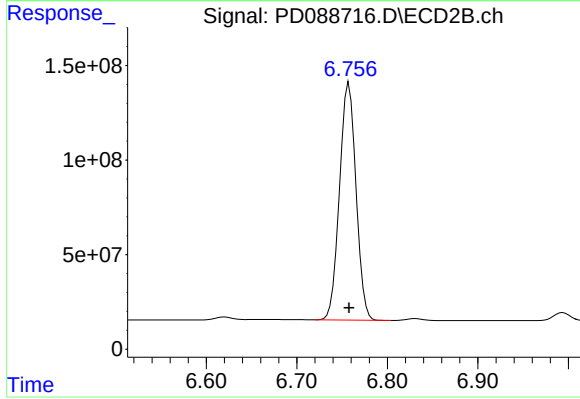
#19 Endosulfan Sulfate

R.T.: 6.502 min
Delta R.T.: 0.016 min
Response: 137557
Conc: 0.01 ng/ml



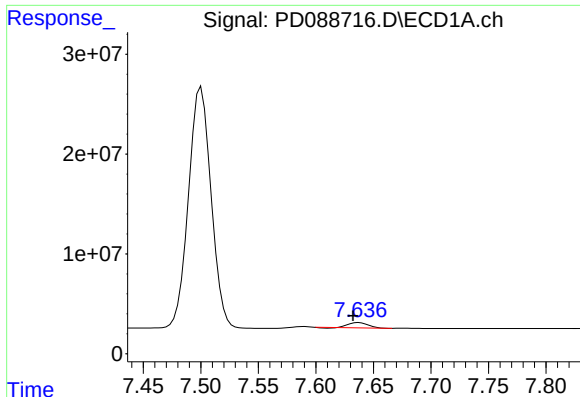
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.005 min
Response: 331272213
Conc: 198.30 ng/ml



#20 Methoxychlor

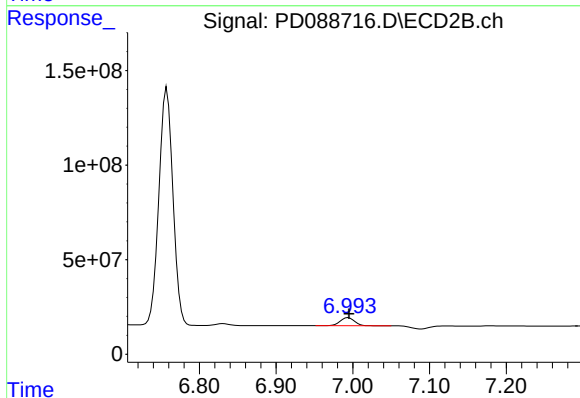
R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1590149538
Conc: 166.08 ng/ml



#21 Endrin ketone

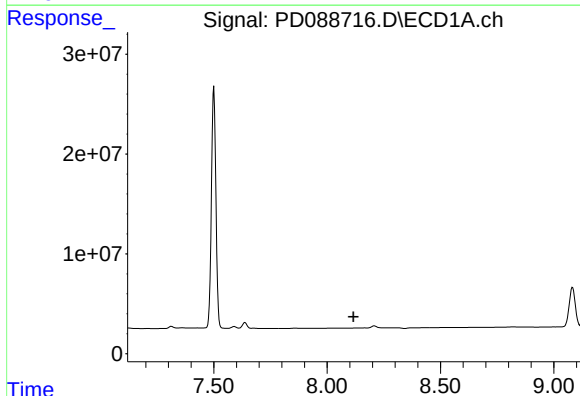
R.T.: 7.638 min
Delta R.T.: 0.005 min
Response: 6060067
Conc: 1.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



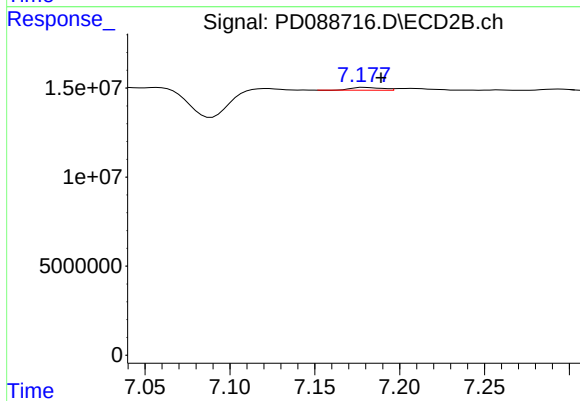
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 55980415
Conc: 2.89 ng/ml



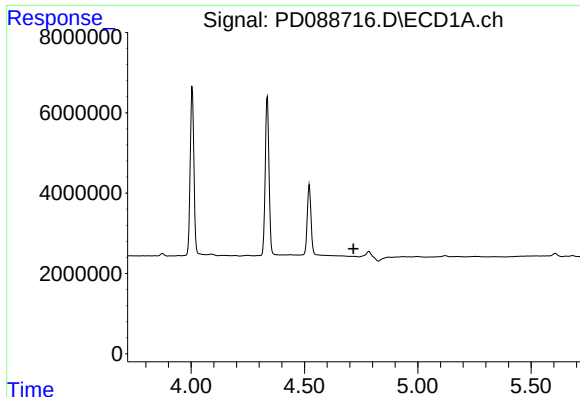
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.117 min
Response: 0
Conc: N.D.



#22 Mirex

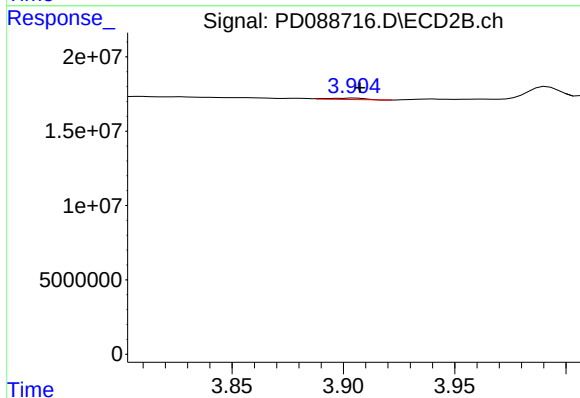
R.T.: 7.179 min
Delta R.T.: -0.010 min
Response: 1969191
Conc: 0.13 ng/ml



#23 Chlordane-1

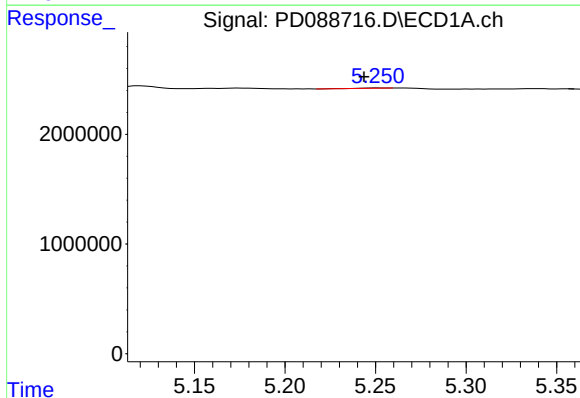
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



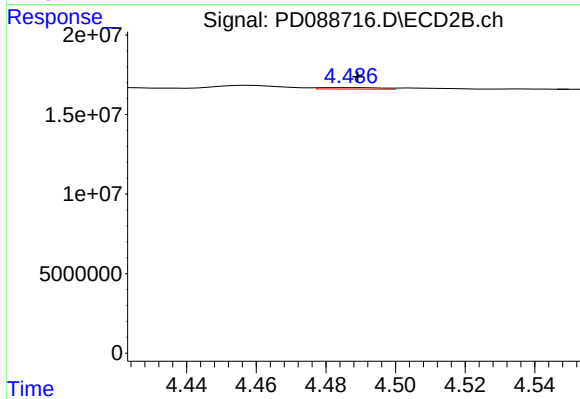
#23 Chlordane-1

R.T.: 3.905 min
Delta R.T.: -0.002 min
Response: 1074630
Conc: 1.30 ng/ml



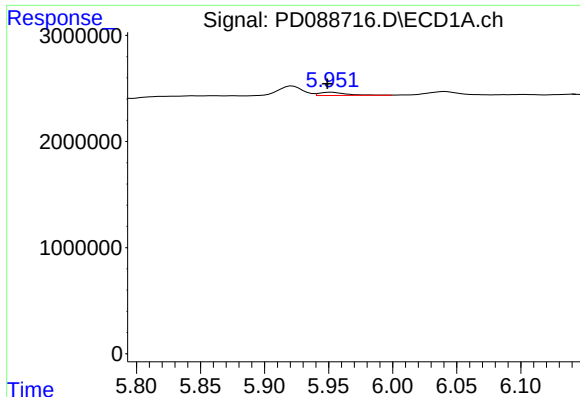
#24 Chlordane-2

R.T.: 5.252 min
Delta R.T.: 0.008 min
Response: 20742
Conc: 0.11 ng/ml



#24 Chlordane-2

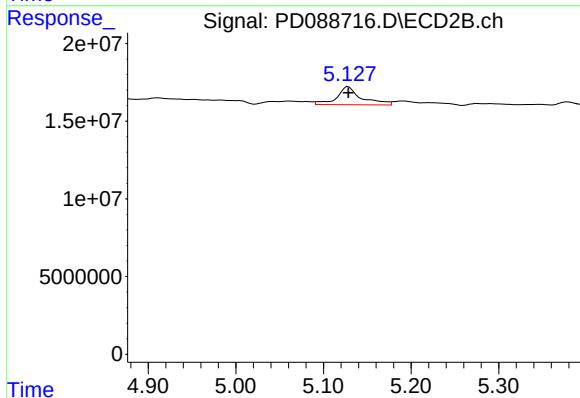
R.T.: 4.488 min
Delta R.T.: -0.001 min
Response: 1083208
Conc: 1.28 ng/ml



#25 Chlordane-3

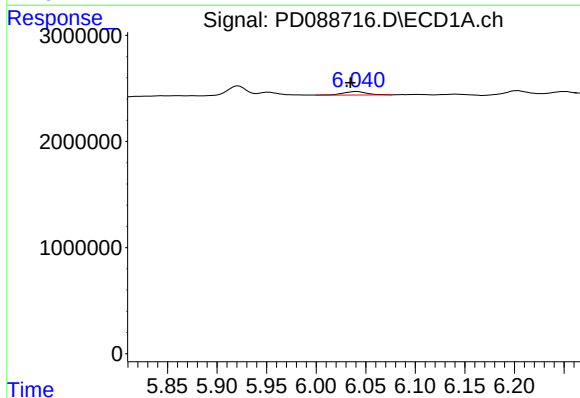
R.T.: 5.952 min
Delta R.T.: 0.003 min
Response: 470852
Conc: 0.64 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



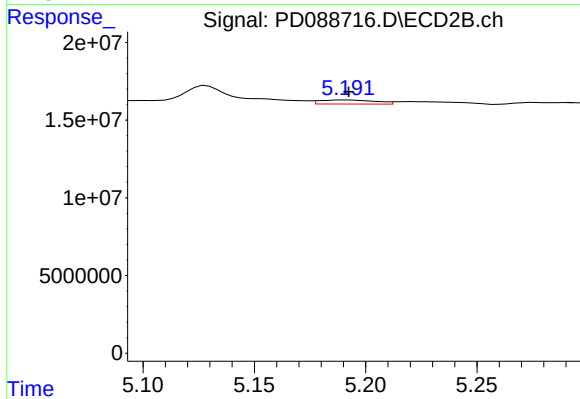
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 22492632
Conc: 8.53 ng/ml



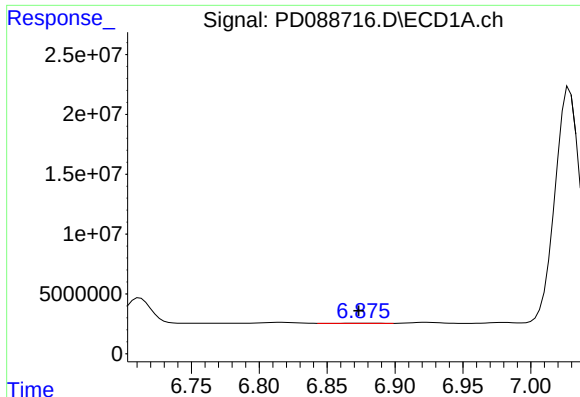
#26 Chlordane-4

R.T.: 6.041 min
Delta R.T.: 0.007 min
Response: 550909
Conc: 0.61 ng/ml



#26 Chlordane-4

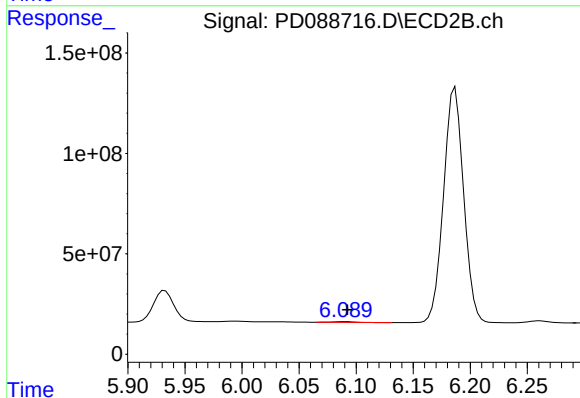
R.T.: 5.192 min
Delta R.T.: 0.000 min
Response: 4452665
Conc: 2.01 ng/ml



#27 Chlordane-5

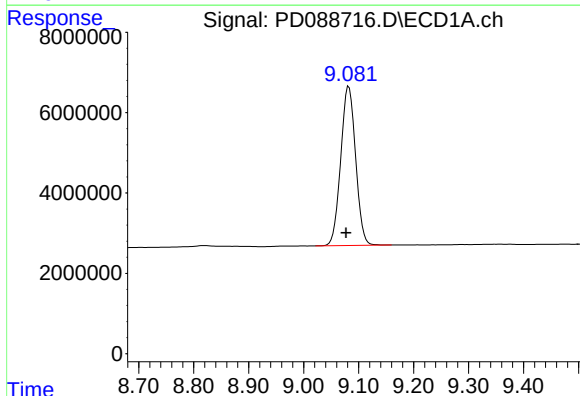
R.T.: 6.876 min
Delta R.T.: 0.003 min
Response: 130794
Conc: 0.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



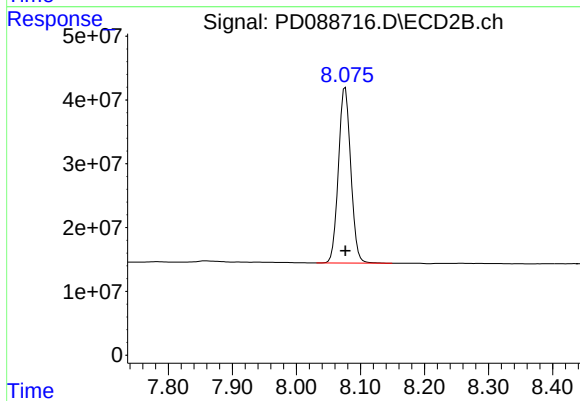
#27 Chlordane-5

R.T.: 6.090 min
Delta R.T.: -0.002 min
Response: 4422960
Conc: 4.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.005 min
Response: 74431700
Conc: 21.75 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 367468529
Conc: 20.13 ng/ml