

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088181.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 19:37
 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 21 22:47:27 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	45593827	331.2E6	22.827	22.651
28)	SA Decachlor...	9.074	8.077	70741896	365.3E6	21.384	19.767
Target Compounds							
2)	A alpha-BHC	4.001	3.396	45592387	273.2E6	10.573	11.948
3)	MA gamma-BHC...	4.331	3.732	45453971	251.6E6	10.855	11.682
5)	MB Aldrin	0.000	4.369	0	2222419	N.D.	0.107 #
6)	B beta-BHC	4.516	4.028	19620107	117.9E6	12.086	12.744
7)	B delta-BHC	4.779	4.264	3563473	1302571	0.864	0.061 #
8)	B Heptachlo...	5.679	4.876	678617	609849	0.190	0.032 #
9)	A Endosulfan I	6.101f	5.237	197079	2791825	0.058	0.155 #
10)	B gamma-Chl...	5.953	5.130	554977	19134041	0.153	0.943 #
11)	B alpha-Chl...	6.040	5.195	633727	4140282	0.176	0.211
12)	B 4,4'-DDE	6.200	5.379	290773	4051714	0.088	0.206 #
13)	MA Dieldrin	6.367f	5.517	1442791	51273	0.404	0.003 #
14)	MA Endrin	6.576	5.792	155.7E6	894.1E6	52.216	49.119
15)	B Endosulfa...	6.773	6.090	813946	2562348	0.260	0.146 #
16)	A 4,4'-DDD	6.706	5.933	6436052	47830572	2.559	2.919
17)	MA 4,4'-DDT	7.022	6.187	281.9E6	1573.0E6	101.492	92.437
18)	B Endrin al...	6.916	6.262	3538575	27202033	1.533	2.045 #
19)	B Endosulfa...	0.000	6.488	0	868545	N.D.	0.051 #
20)	A Methoxychlor	7.494	6.758	365.7E6	1780.8E6	243.865	195.245
21)	B Endrin ke...	7.631	6.995	6326215	48782589	2.050	2.608 #
22)	Mirex	0.000	7.183	0	1328713	N.D.	0.090 #
23)	Chlordane-1	0.000	3.895	0	367554	N.D.	0.458 #
24)	Chlordane-2	0.000	4.490	0	7381348	N.D.	8.944 #
25)	Chlordane-3	5.953	5.130	554977	19134041	0.823	7.566 #
26)	Chlordane-4	6.040	5.195	633727	4140282	0.777	1.936 #
27)	Chlordane-5	0.000	6.090	0	2562348	N.D.	2.654 #

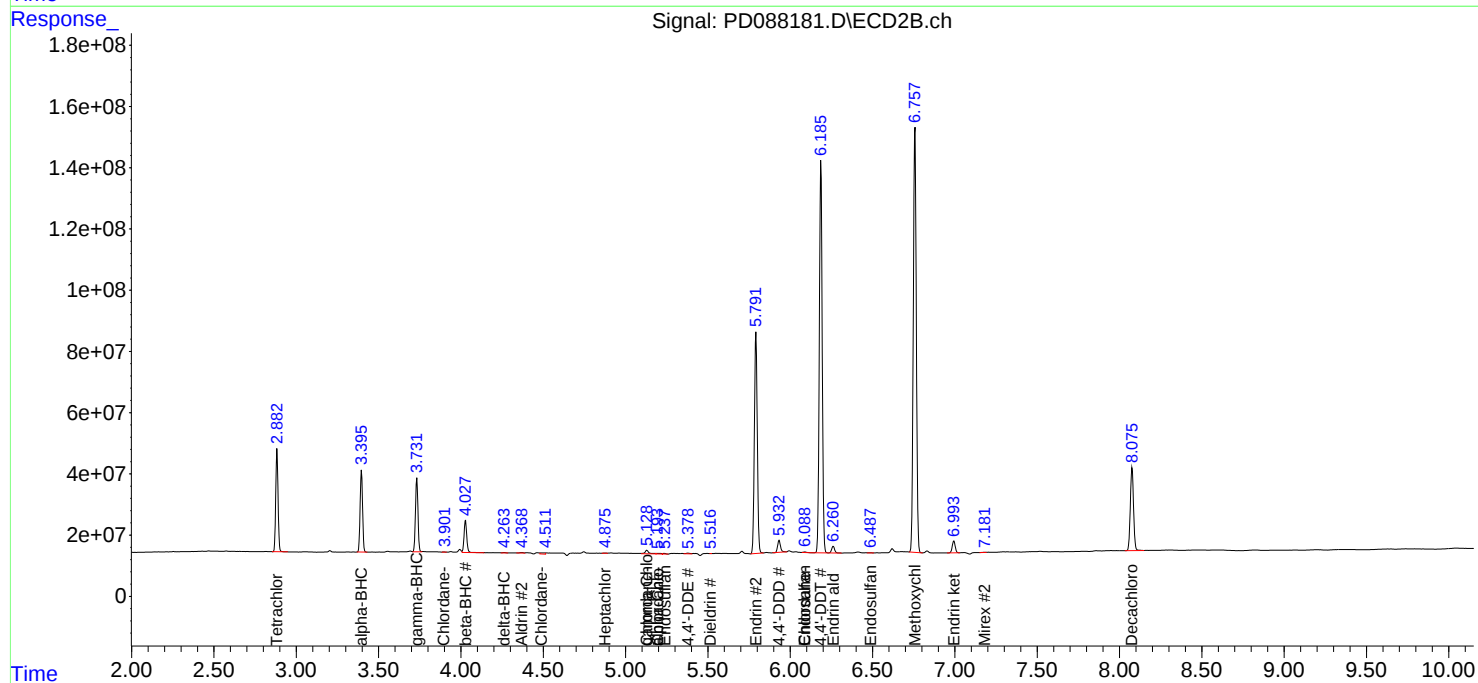
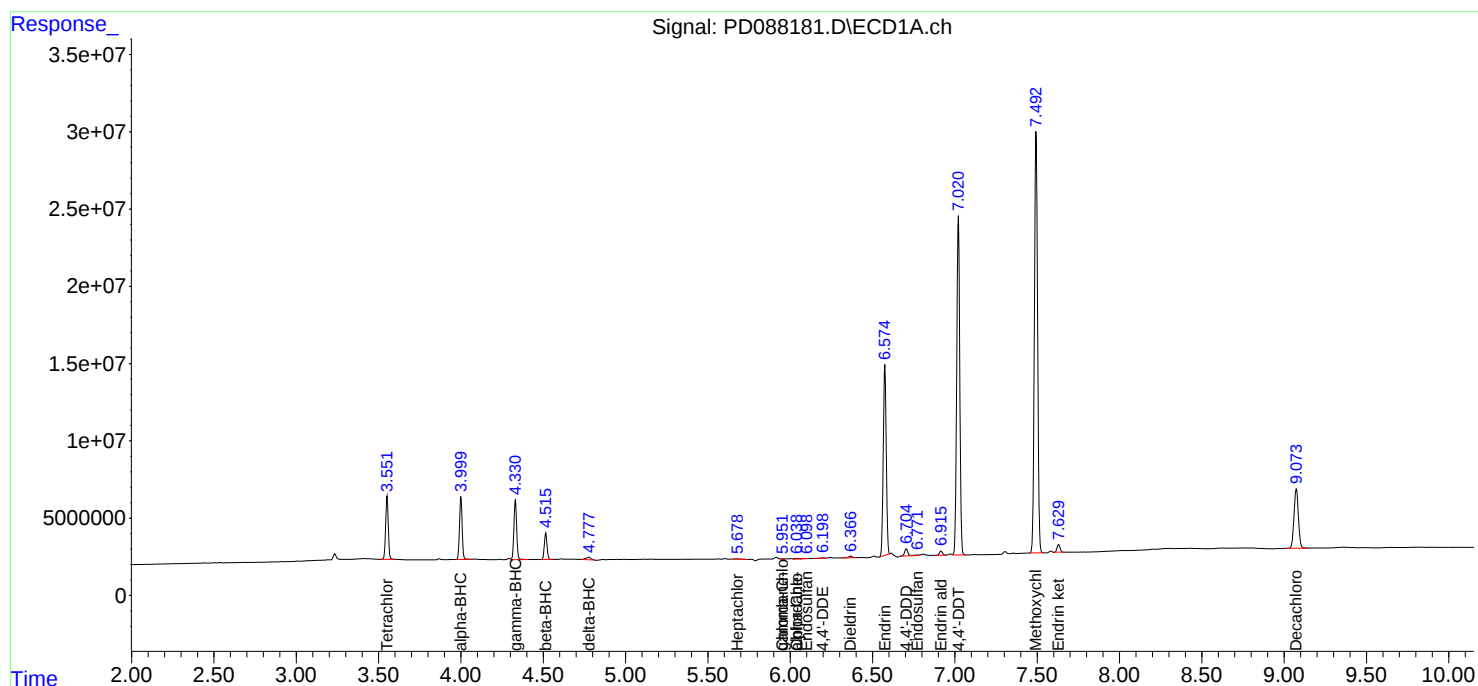
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

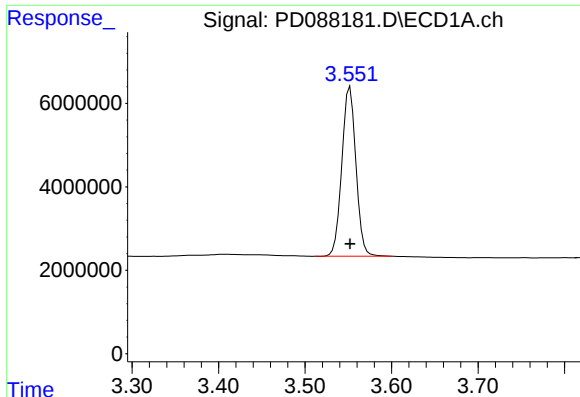
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088181.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 19:37
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 22:47:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 2025
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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

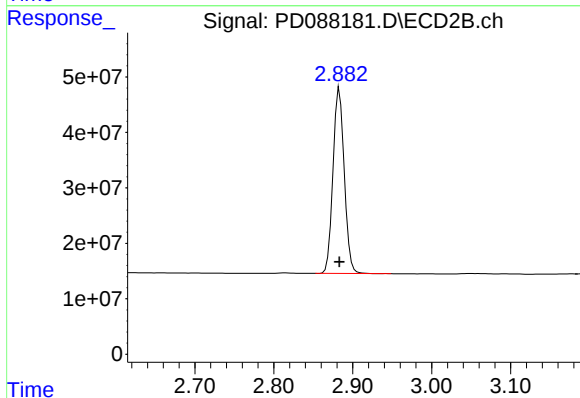




#1 Tetrachloro-m-xylene

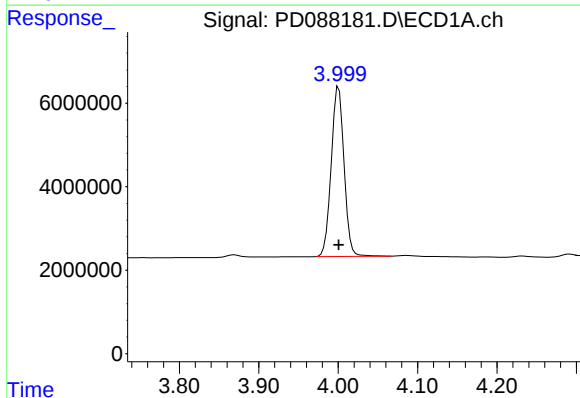
R.T.: 3.552 min
Delta R.T.: 0.000 min
Response: 45593827
Conc: 22.83 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



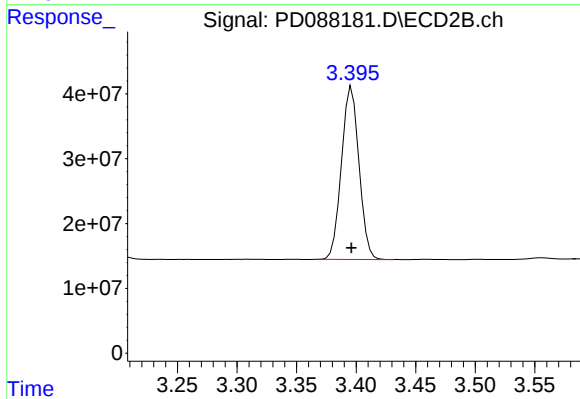
#1 Tetrachloro-m-xylene

R.T.: 2.883 min
Delta R.T.: 0.000 min
Response: 331191720
Conc: 22.65 ng/ml



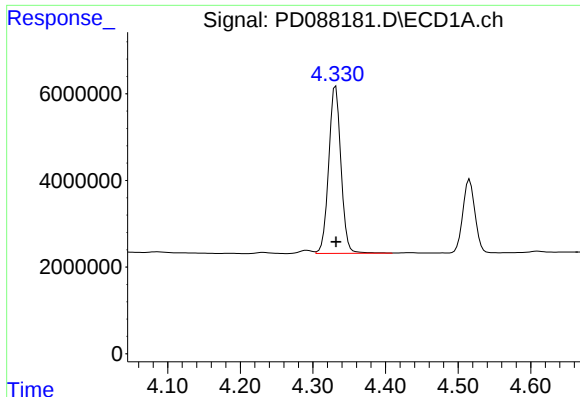
#2 alpha-BHC

R.T.: 4.001 min
Delta R.T.: 0.000 min
Response: 45592387
Conc: 10.57 ng/ml



#2 alpha-BHC

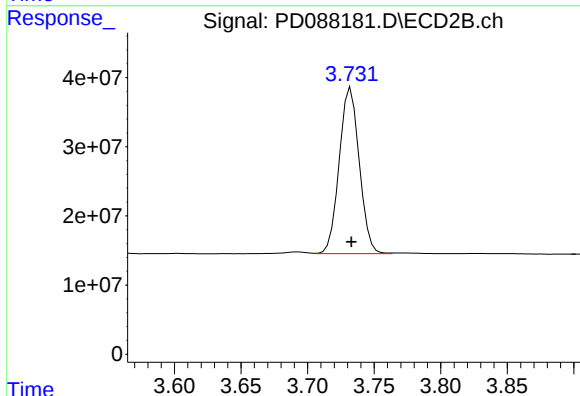
R.T.: 3.396 min
Delta R.T.: 0.000 min
Response: 273158429
Conc: 11.95 ng/ml



#3 gamma-BHC (Lindane)

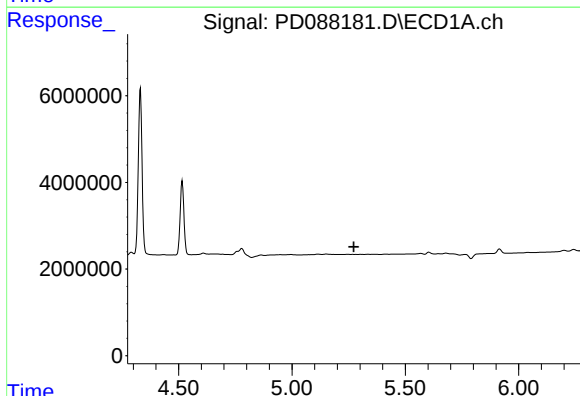
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 45453971
Conc: 10.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



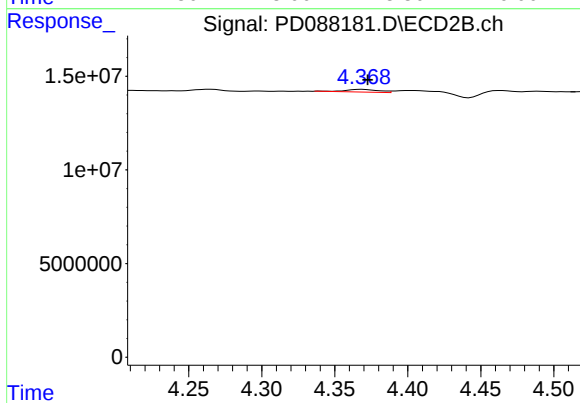
#3 gamma-BHC (Lindane)

R.T.: 3.732 min
Delta R.T.: 0.000 min
Response: 251622713
Conc: 11.68 ng/ml



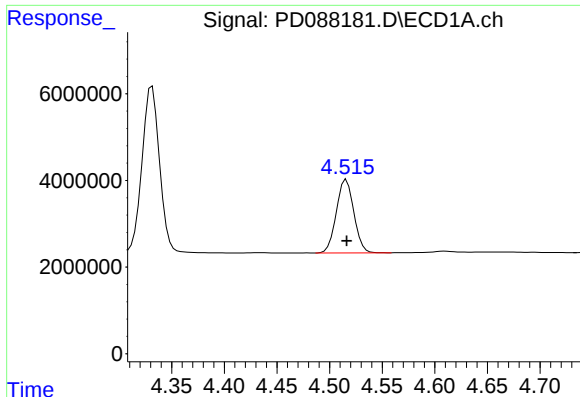
#5 Aldrin

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



#5 Aldrin

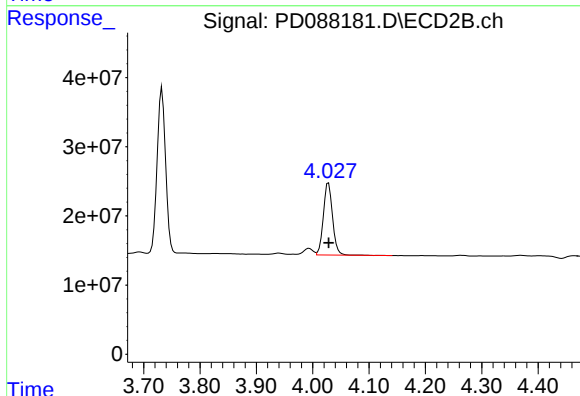
R.T.: 4.369 min
Delta R.T.: -0.004 min
Response: 2222419
Conc: 0.11 ng/ml



#6 beta-BHC

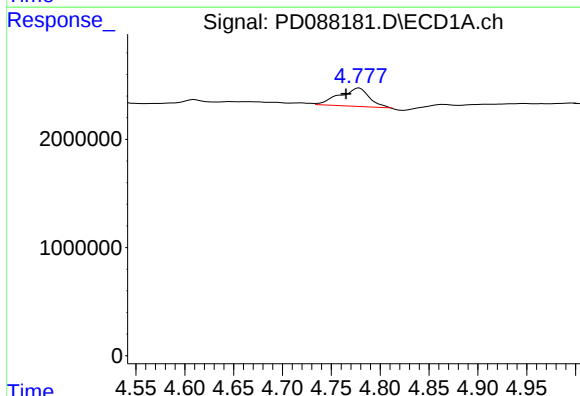
R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 19620107
Conc: 12.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



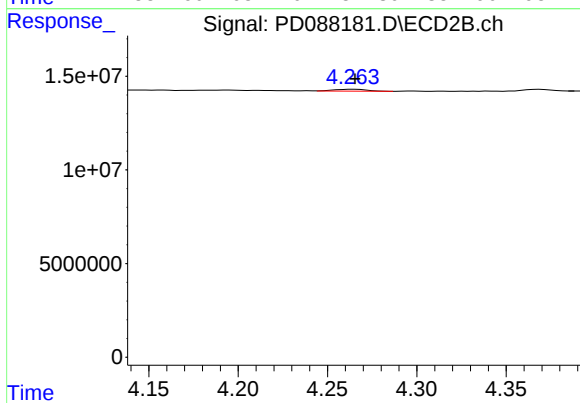
#6 beta-BHC

R.T.: 4.028 min
Delta R.T.: 0.000 min
Response: 117930220
Conc: 12.74 ng/ml



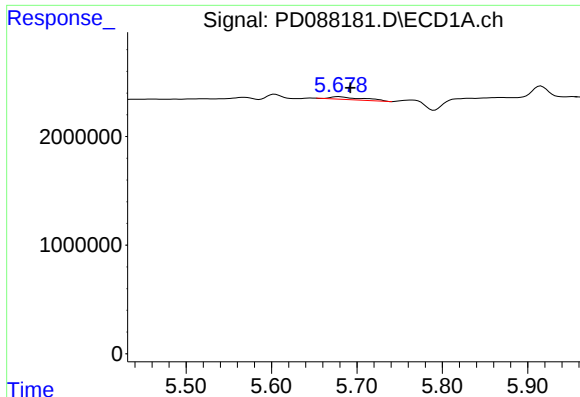
#7 delta-BHC

R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 3563473
Conc: 0.86 ng/ml



#7 delta-BHC

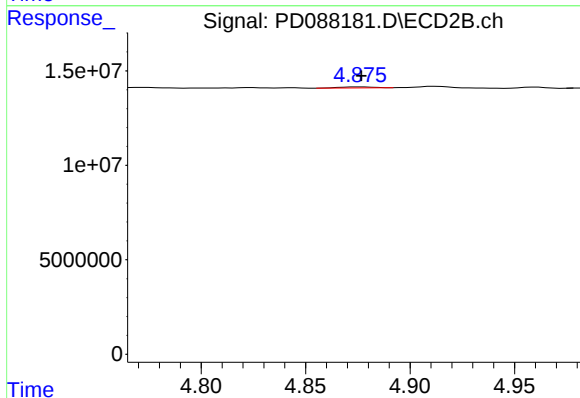
R.T.: 4.264 min
Delta R.T.: 0.000 min
Response: 1302571
Conc: 0.06 ng/ml



#8 Heptachlor epoxide

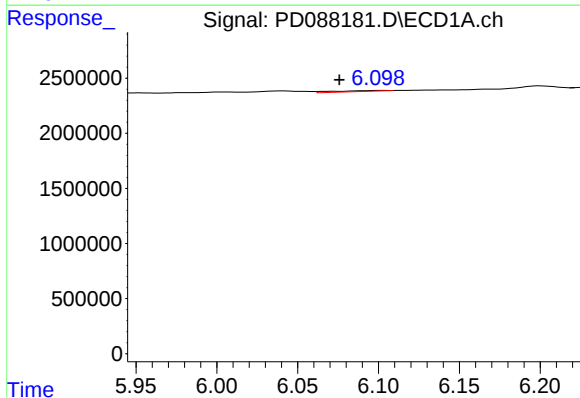
R.T.: 5.679 min
Delta R.T.: -0.013 min
Response: 678617
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



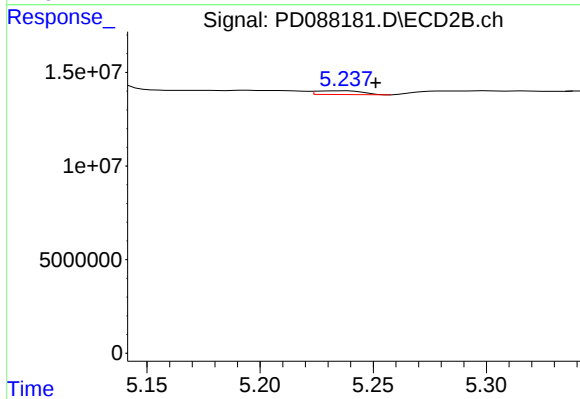
#8 Heptachlor epoxide

R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 609849
Conc: 0.03 ng/ml



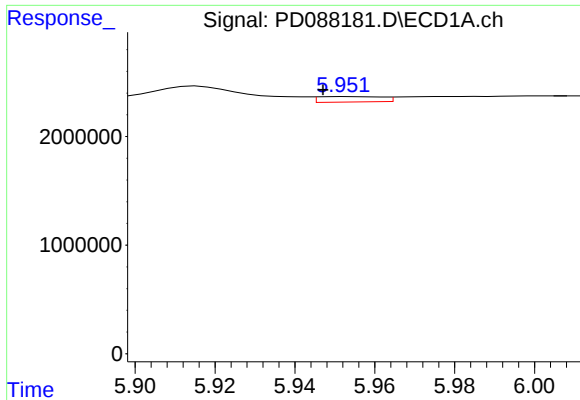
#9 Endosulfan I

R.T.: 6.101 min
Delta R.T.: 0.025 min
Response: 197079
Conc: 0.06 ng/ml



#9 Endosulfan I

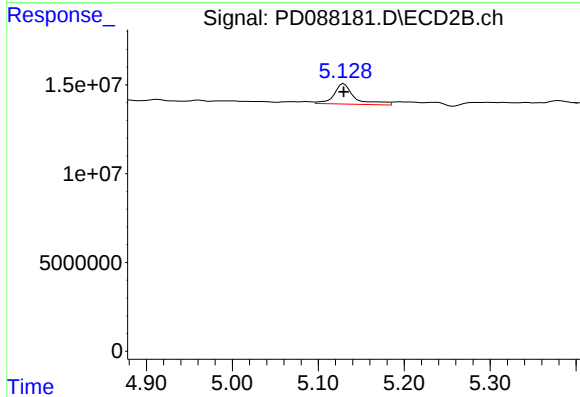
R.T.: 5.237 min
Delta R.T.: -0.014 min
Response: 2791825
Conc: 0.15 ng/ml



#10 gamma-Chlordane

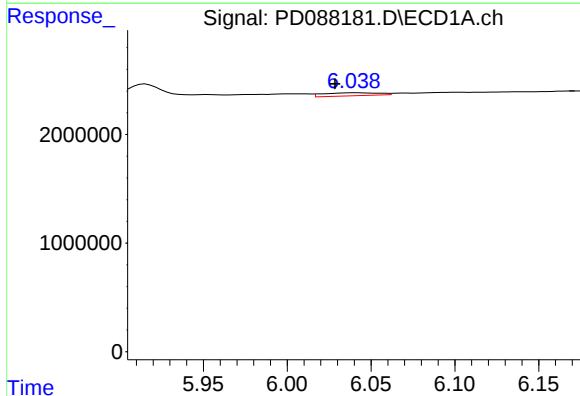
R.T.: 5.953 min
Delta R.T.: 0.006 min
Response: 554977
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



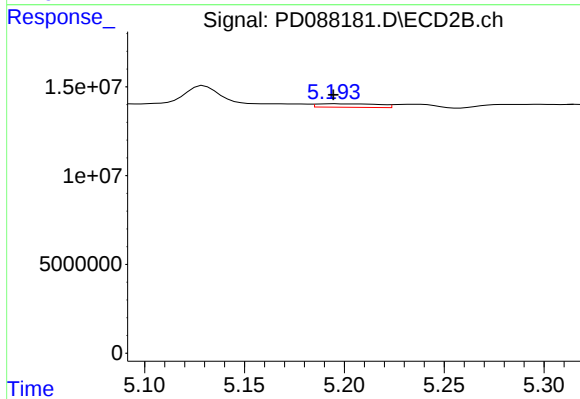
#10 gamma-Chlordane

R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 19134041
Conc: 0.94 ng/ml



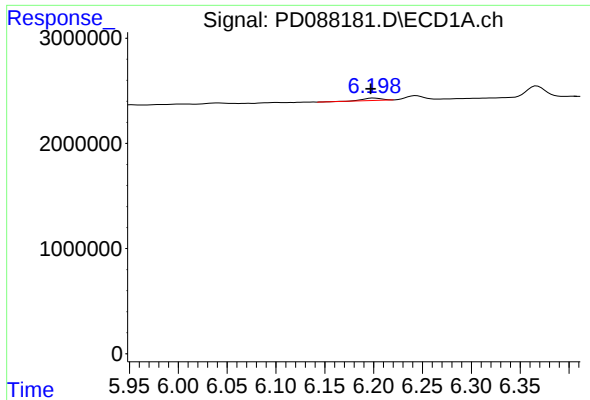
#11 alpha-Chlordane

R.T.: 6.040 min
Delta R.T.: 0.012 min
Response: 633727
Conc: 0.18 ng/ml



#11 alpha-Chlordane

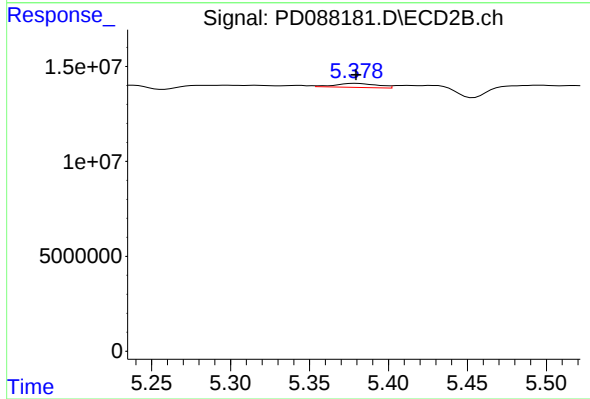
R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 4140282
Conc: 0.21 ng/ml



#12 4,4'-DDE

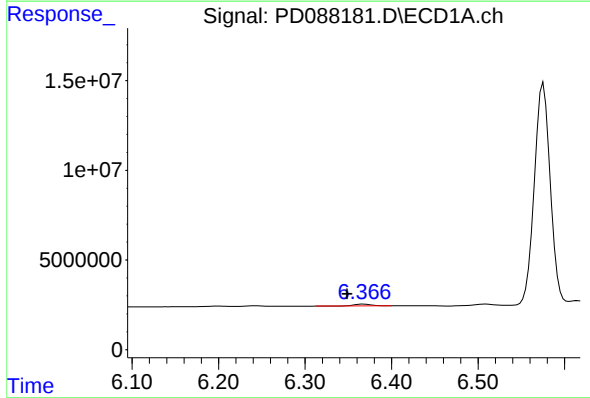
R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 290773
Conc: 0.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



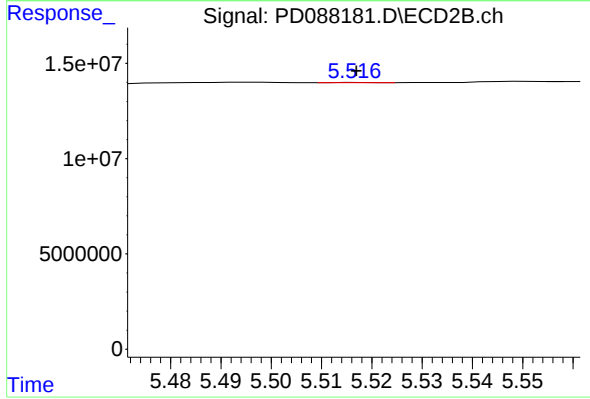
#12 4,4'-DDE

R.T.: 5.379 min
Delta R.T.: 0.000 min
Response: 4051714
Conc: 0.21 ng/ml



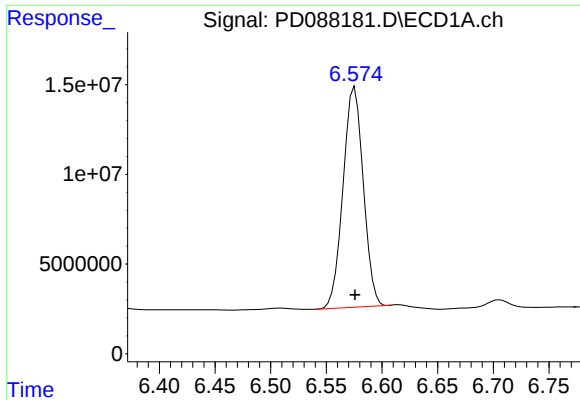
#13 Dieldrin

R.T.: 6.367 min
Delta R.T.: 0.019 min
Response: 1442791
Conc: 0.40 ng/ml



#13 Dieldrin

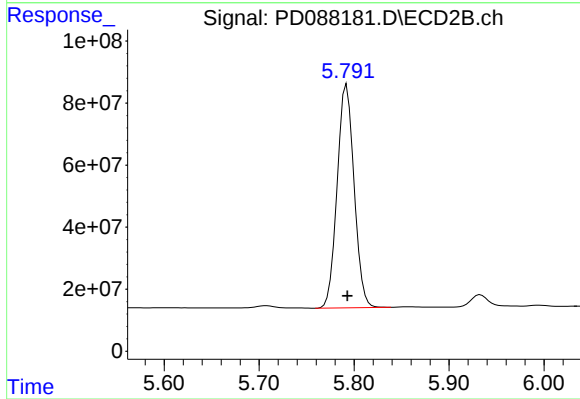
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 51273
Conc: 0.00 ng/ml



#14 Endrin

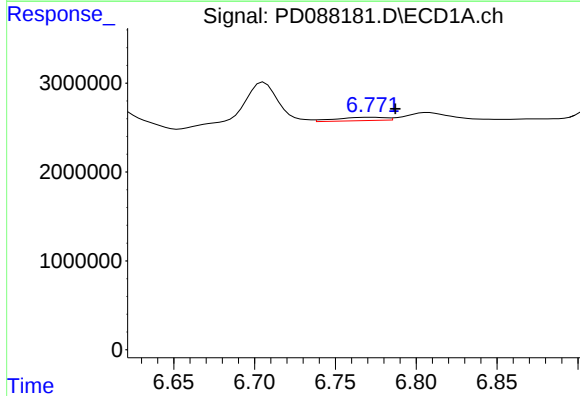
R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 155736777
Conc: 52.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



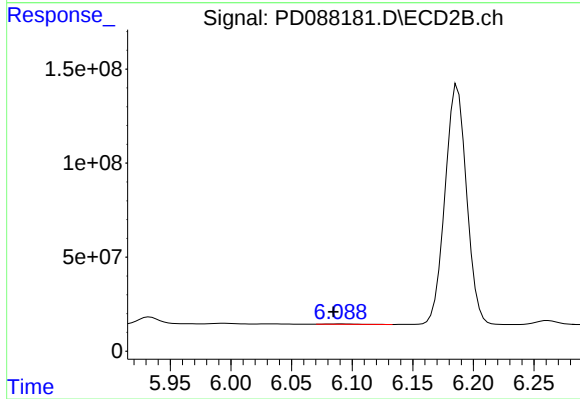
#14 Endrin

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 894080950
Conc: 49.12 ng/ml



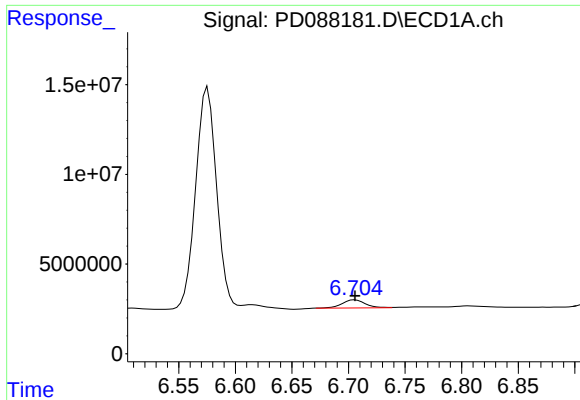
#15 Endosulfan II

R.T.: 6.773 min
Delta R.T.: -0.014 min
Response: 813946
Conc: 0.26 ng/ml



#15 Endosulfan II

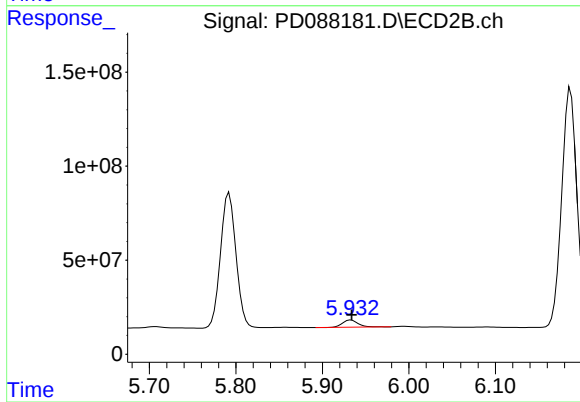
R.T.: 6.090 min
Delta R.T.: 0.005 min
Response: 2562348
Conc: 0.15 ng/ml



#16 4,4'-DDD

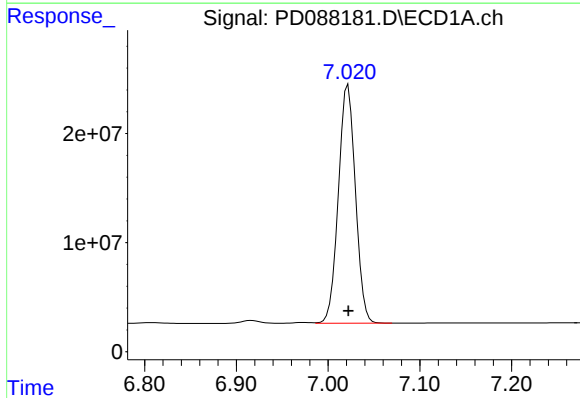
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 6436052
Conc: 2.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



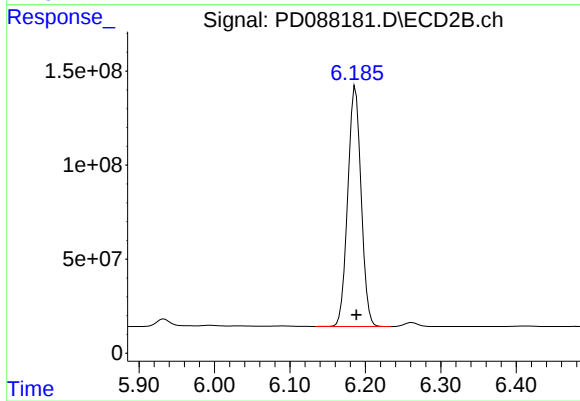
#16 4,4'-DDD

R.T.: 5.933 min
Delta R.T.: -0.001 min
Response: 47830572
Conc: 2.92 ng/ml



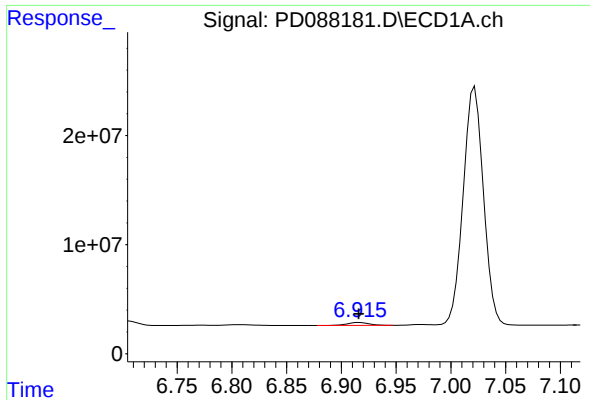
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 281896848
Conc: 101.49 ng/ml



#17 4,4'-DDT

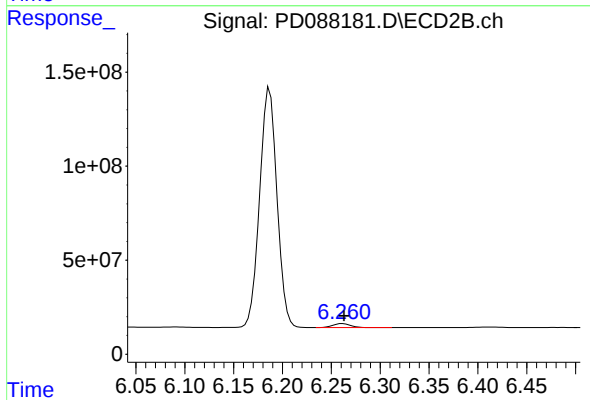
R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 1572960863
Conc: 92.44 ng/ml



#18 Endrin aldehyde

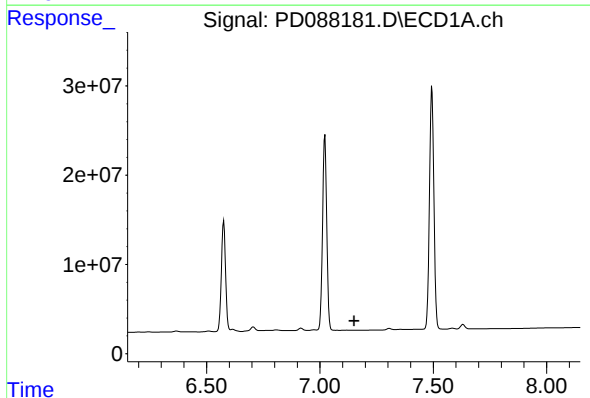
R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 3538575
Conc: 1.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



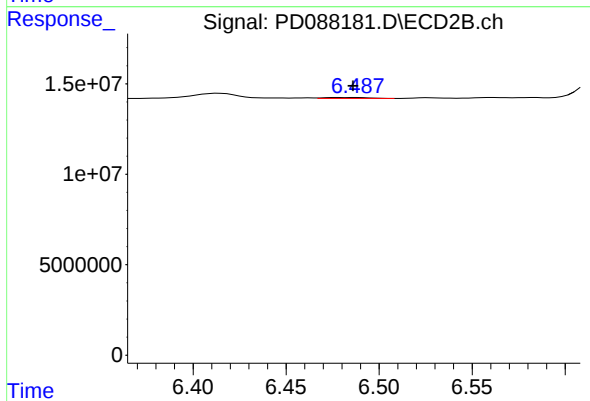
#18 Endrin aldehyde

R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 27202033
Conc: 2.05 ng/ml



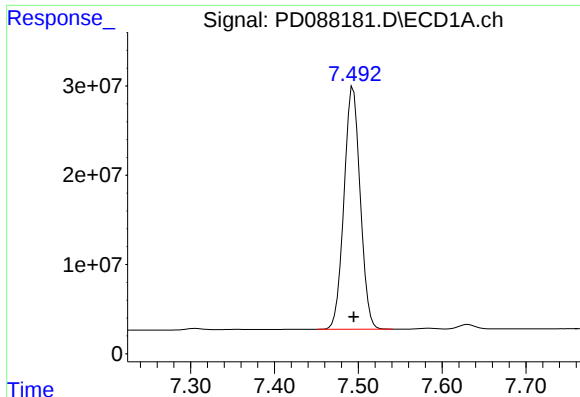
#19 Endosulfan Sulfate

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



#19 Endosulfan Sulfate

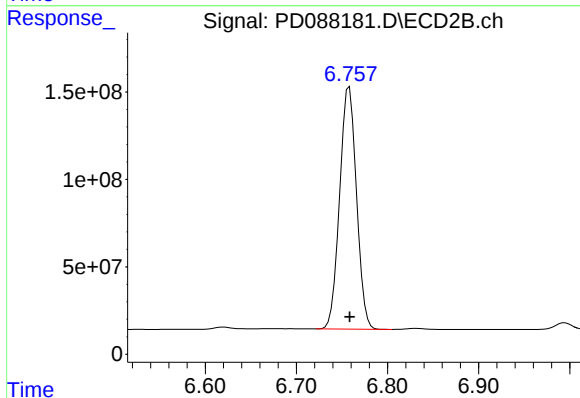
R.T.: 6.488 min
Delta R.T.: 0.002 min
Response: 868545
Conc: 0.05 ng/ml



#20 Methoxychlor

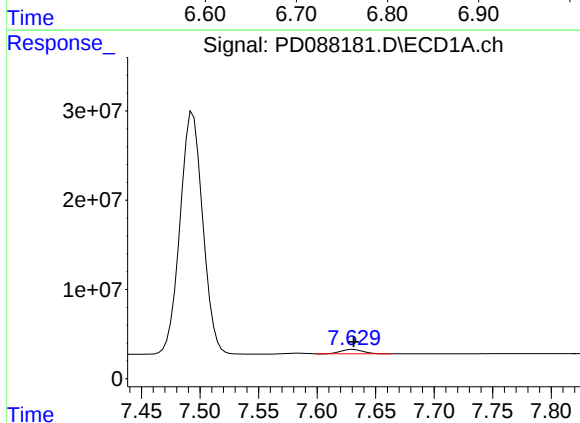
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 365686020
Conc: 243.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



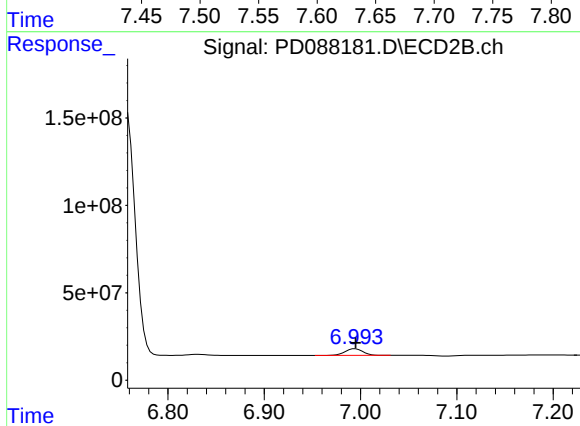
#20 Methoxychlor

R.T.: 6.758 min
Delta R.T.: 0.000 min
Response: 1780836920
Conc: 195.24 ng/ml



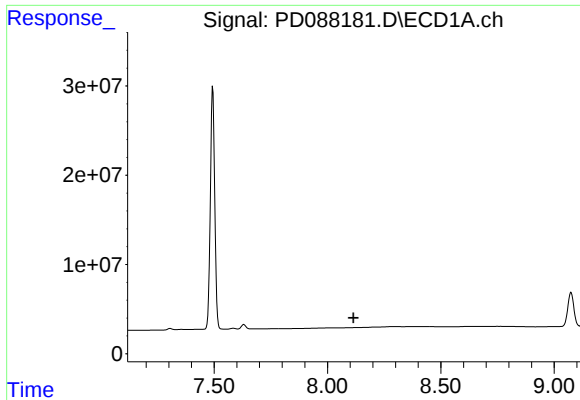
#21 Endrin ketone

R.T.: 7.631 min
Delta R.T.: 0.000 min
Response: 6326215
Conc: 2.05 ng/ml



#21 Endrin ketone

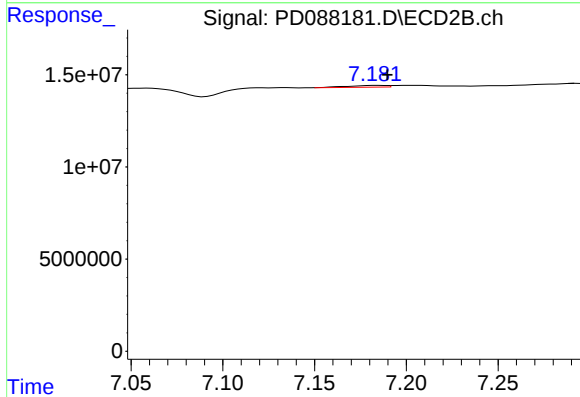
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 48782589
Conc: 2.61 ng/ml



#22 Mirex

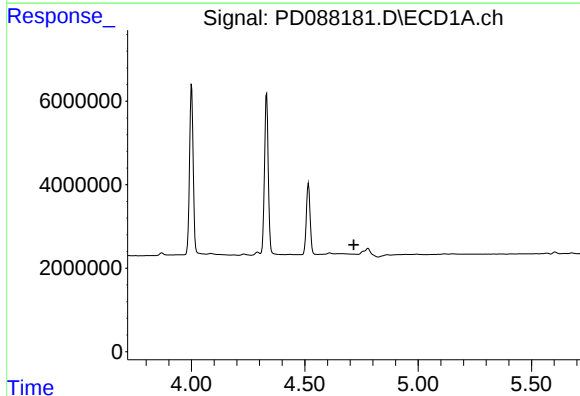
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



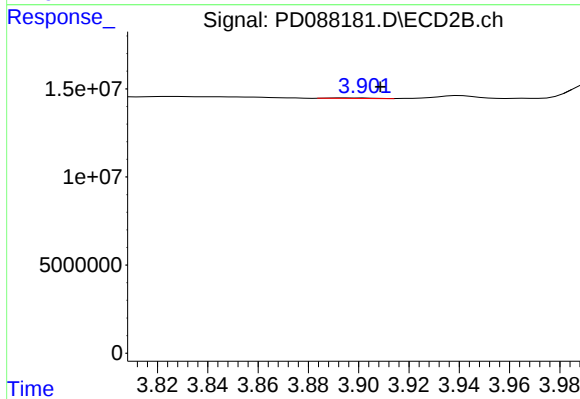
#22 Mirex

R.T.: 7.183 min
Delta R.T.: -0.007 min
Response: 1328713
Conc: 0.09 ng/ml



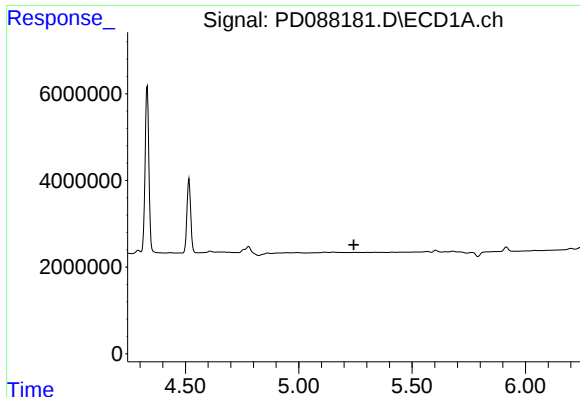
#23 Chlordane-1

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



#23 Chlordane-1

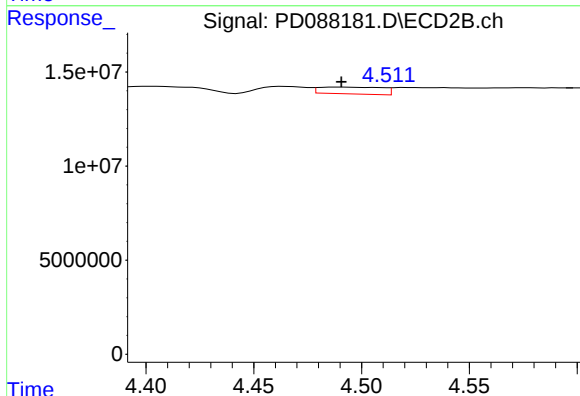
R.T.: 3.895 min
Delta R.T.: -0.013 min
Response: 367554
Conc: 0.46 ng/ml



#24 Chlordane-2

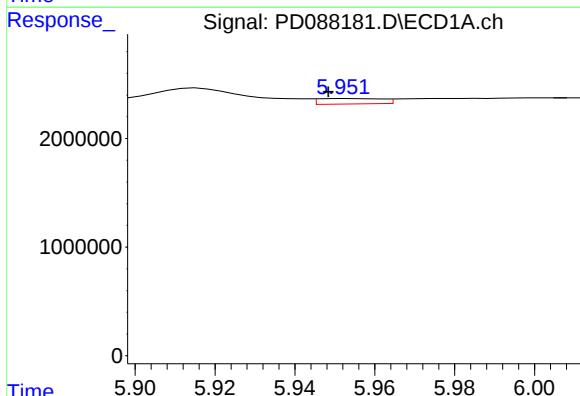
R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



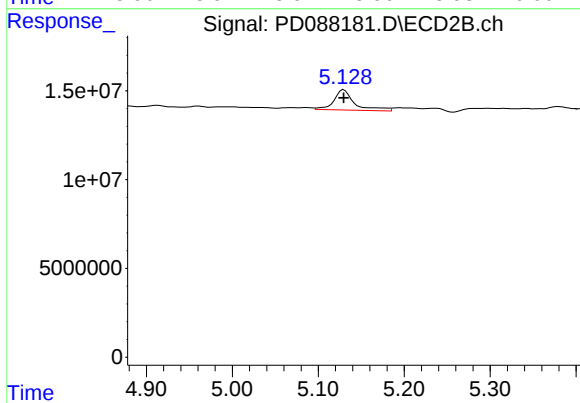
#24 Chlordane-2

R.T.: 4.490 min
Delta R.T.: 0.000 min
Response: 7381348
Conc: 8.94 ng/ml



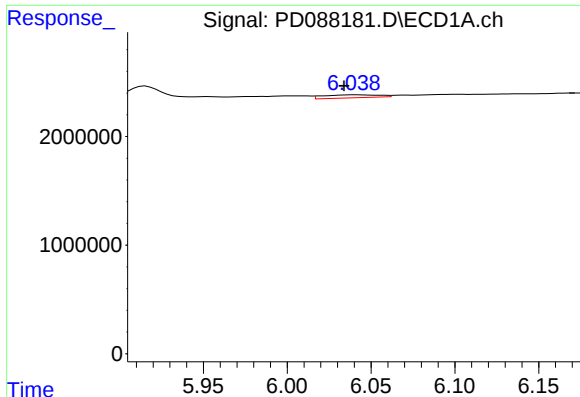
#25 Chlordane-3

R.T.: 5.953 min
Delta R.T.: 0.005 min
Response: 554977
Conc: 0.82 ng/ml



#25 Chlordane-3

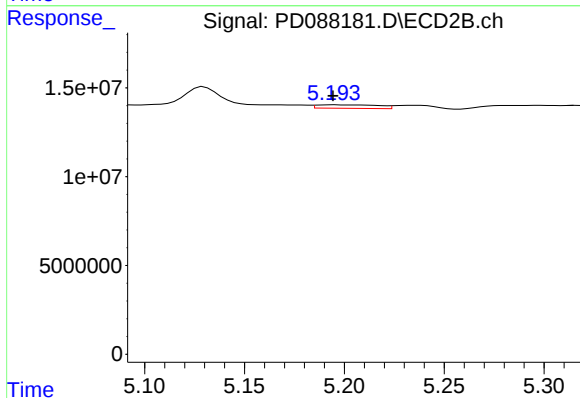
R.T.: 5.130 min
Delta R.T.: 0.000 min
Response: 19134041
Conc: 7.57 ng/ml



#26 Chlordane-4

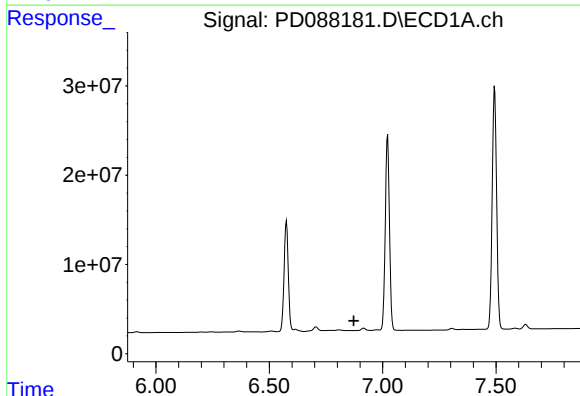
R.T.: 6.040 min
Delta R.T.: 0.006 min
Response: 633727
Conc: 0.78 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



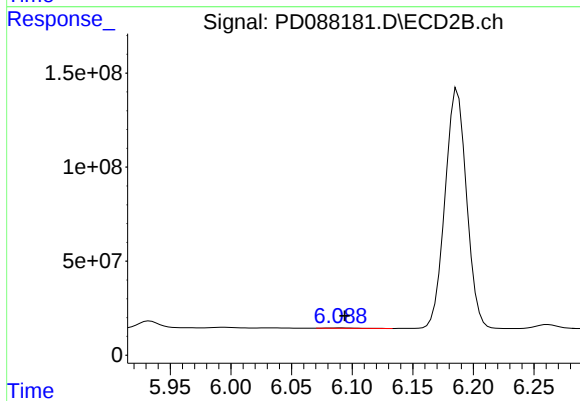
#26 Chlordane-4

R.T.: 5.195 min
Delta R.T.: 0.000 min
Response: 4140282
Conc: 1.94 ng/ml



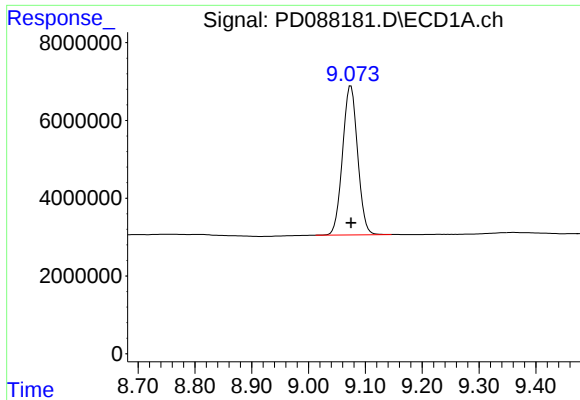
#27 Chlordane-5

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



#27 Chlordane-5

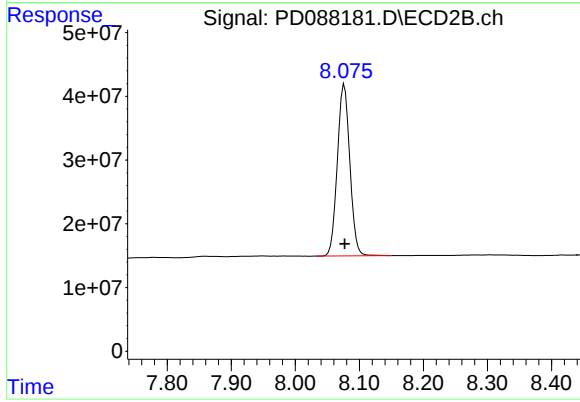
R.T.: 6.090 min
Delta R.T.: -0.004 min
Response: 2562348
Conc: 2.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: 0.000 min
Response: 70741896
Conc: 21.38 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.077 min
Delta R.T.: 0.000 min
Response: 365292739
Conc: 19.77 ng/ml