

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
 Data File : PD087800.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Feb 2025 10:16
 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: Feb 11 05:22:19 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 22 14:33:08 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...	3.554	2.880	44180319	276.6E6	22.175	22.996
28)	SA Decachlor...	9.079	8.079	65348878	304.9E6	21.426	21.576
Target Compounds							
2)	A alpha-BHC	4.003	3.394	41937647	224.3E6	10.421	12.003
3)	MA gamma-BHC...	4.335	3.731	37866508	204.8E6	9.515	11.533
4)	MA Heptachlor	4.952f	0.000	247526	0	0.066	N.D. #
5)	MB Aldrin	0.000	4.367	0	1618768	N.D.	0.093 #
6)	B beta-BHC	4.519	4.027	18470229	95544847	11.700	12.527
7)	B delta-BHC	4.763	4.263	818201	575747	0.203	0.032 #
8)	B Heptachlo...	0.000	4.876	0	285339	N.D.	0.018 #
9)	A Endosulfan I	6.075	5.241	45993	1027461	0.015	0.069 #
10)	B gamma-Chl...	5.921f	5.129	379948	2318683	0.115	0.143
11)	B alpha-Chl...	6.044	5.214f	323607	576484	0.097	0.036 #
12)	B 4,4'-DDE	6.202	5.380	835118	4972722	0.277	0.316
13)	MA Dieldrin	6.372f	0.000	628927	0	0.186	N.D. #
14)	MA Endrin	6.579	5.793	129.6E6	646.2E6	44.710	43.385
15)	B Endosulfa...	6.816f	6.091	1502592	8219676	0.523	0.576
16)	A 4,4'-DDD	6.710	5.934	11011598	67012854	4.575	5.068
17)	MA 4,4'-DDT	7.026	6.188	251.9E6	1181.5E6	97.792	87.773
18)	B Endrin al...	6.919	6.262	5407415	33532372	2.334	2.876
19)	B Endosulfa...	7.123f	6.501	178657	109933	0.065	0.008 #
20)	A Methoxychlor	7.498	6.759	325.7E6	1249.0E6	221.868	163.426 #
21)	B Endrin ke...	7.635	6.995	11648593	77825256	3.788	4.988 #
22)	Mirex	0.000	7.182	0	641991	N.D.	0.051 #
23)	Chlordane-1	0.000	3.938f	0	1854286	N.D.	3.334 #
24)	Chlordane-2	0.000	4.492	0	502062	N.D.	0.850 #
25)	Chlordane-3	5.921f	5.129	379948	2318683	0.756	1.328 #
26)	Chlordane-4	6.044	5.214	323607	576484	0.532	0.391 #
27)	Chlordane-5	0.000	6.091	0	8219676	N.D.	12.554 #

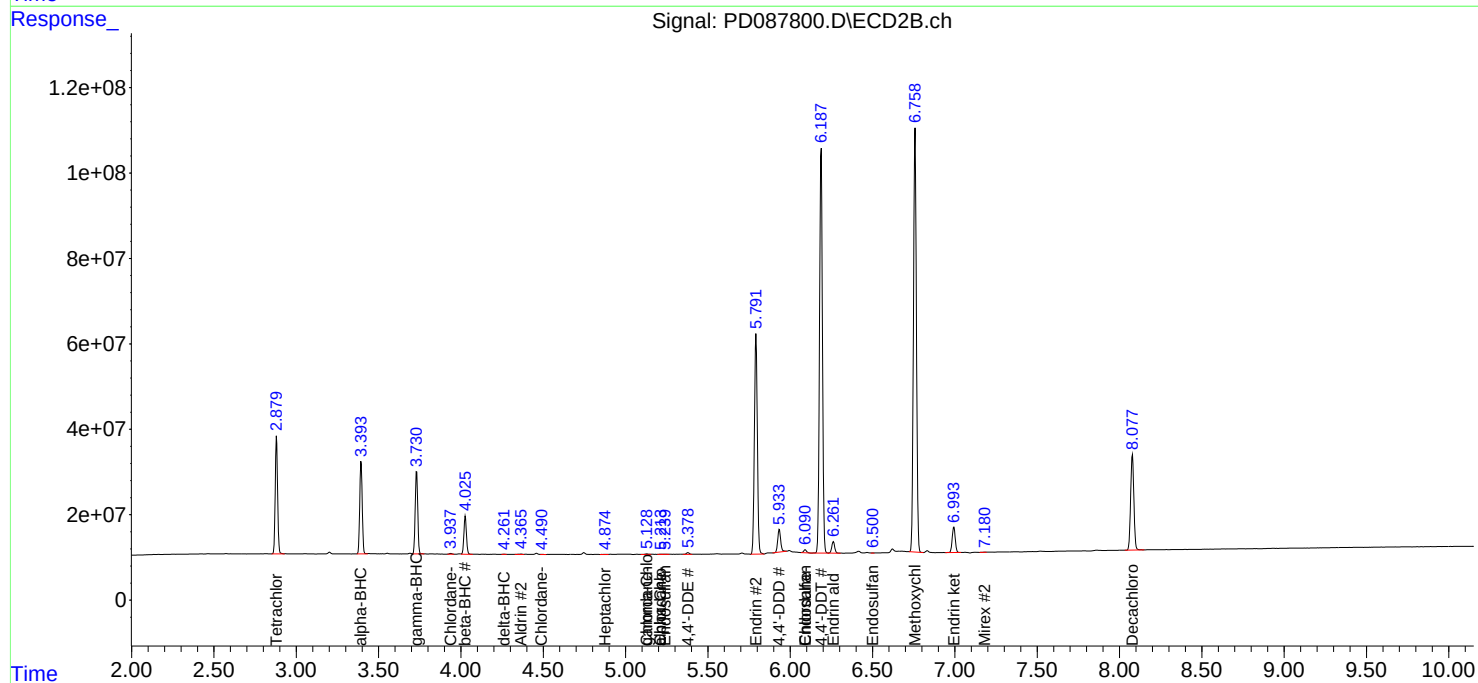
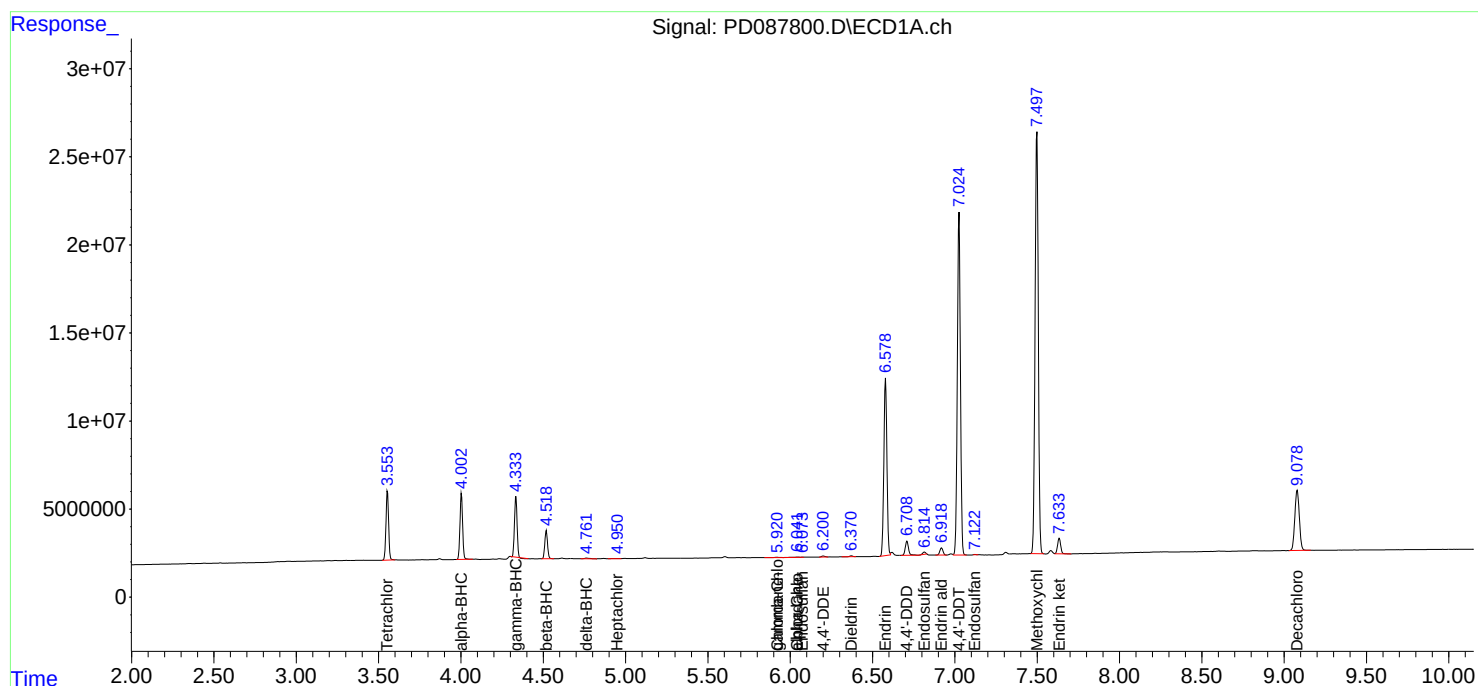
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

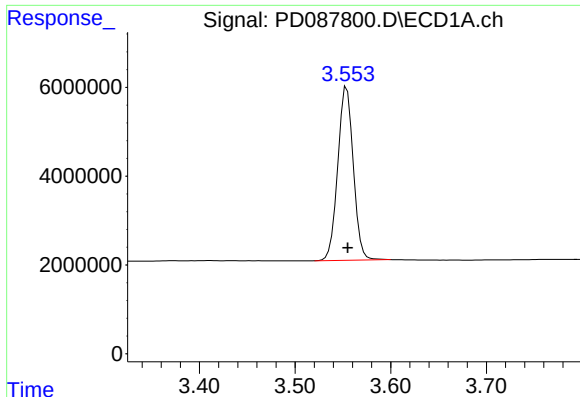
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD021025\
Data File : PD087800.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Feb 2025 10:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 11 05:22:19 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012325.M
Quant Title : GC Extractables
QLast Update : Wed Jan 22 14:33:08 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

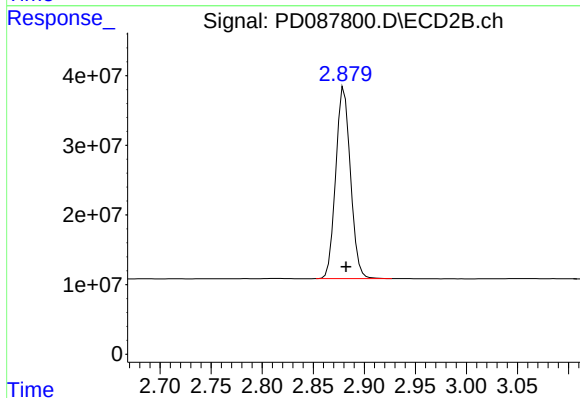




#1 Tetrachloro-m-xylene

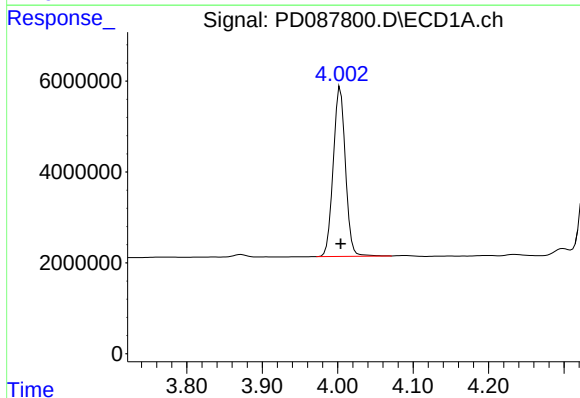
R.T.: 3.554 min
Delta R.T.: 0.000 min
Response: 44180319
Conc: 22.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



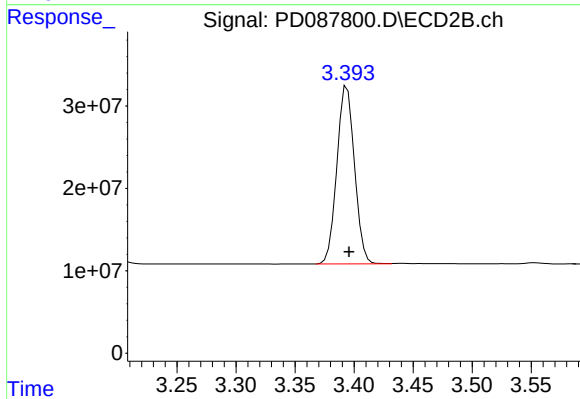
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 276573799
Conc: 23.00 ng/ml



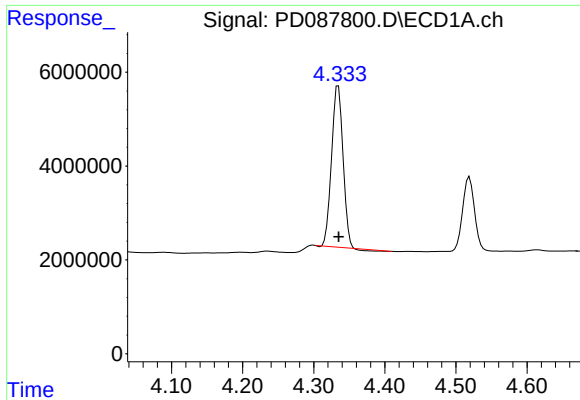
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 41937647
Conc: 10.42 ng/ml



#2 alpha-BHC

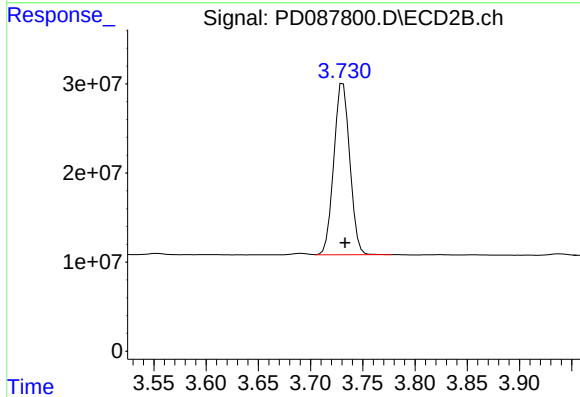
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 224349753
Conc: 12.00 ng/ml



#3 gamma-BHC (Lindane)

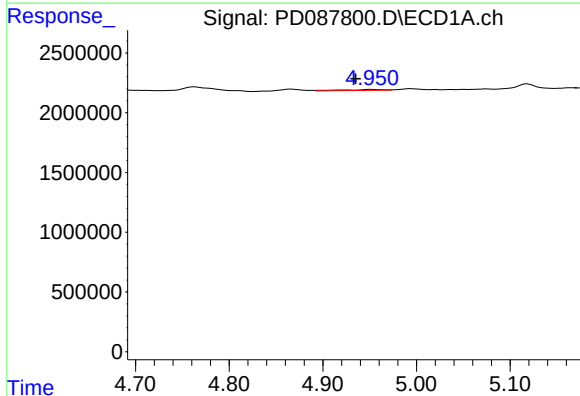
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 37866508
Conc: 9.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



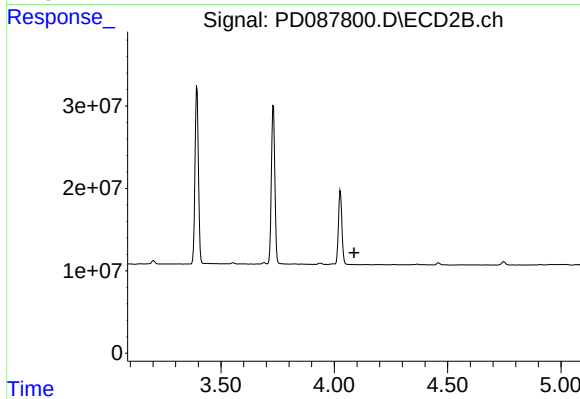
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 204771734
Conc: 11.53 ng/ml



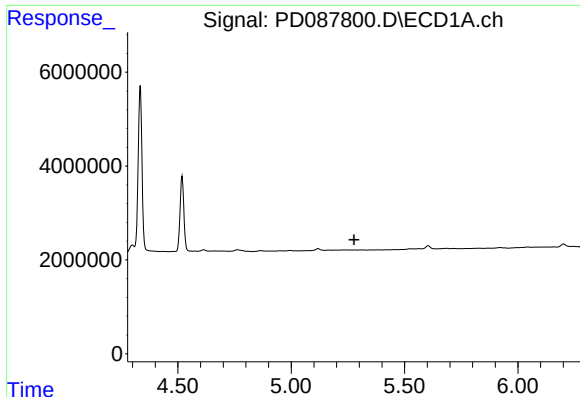
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.017 min
Response: 247526
Conc: 0.07 ng/ml



#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.087 min
Response: 0
Conc: N.D.



#5 Aldrin

R.T.: 0.000 min
Exp R.T.: 5.277 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

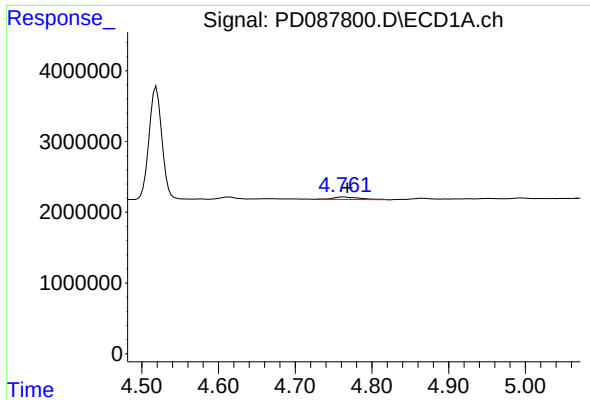
R.T.: 4.367 min
Delta R.T.: -0.007 min
Response: 1618768
Conc: 0.09 ng/ml

#6 beta-BHC

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 18470229
Conc: 11.70 ng/ml

#6 beta-BHC

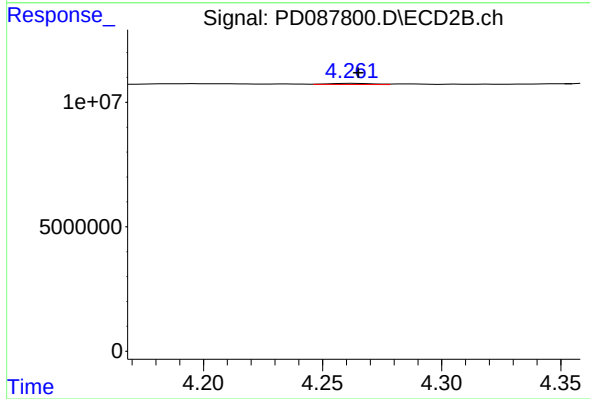
R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 95544847
Conc: 12.53 ng/ml



#7 delta-BHC

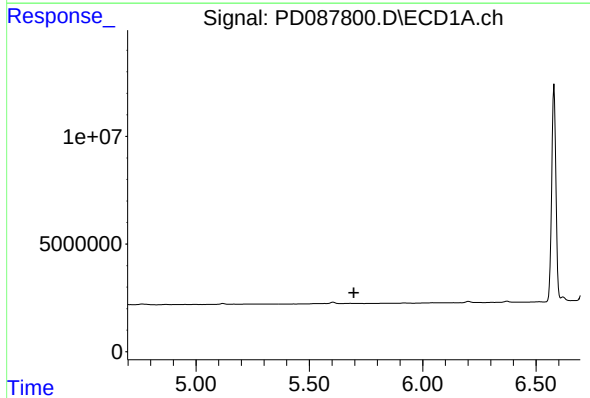
R.T.: 4.763 min
Delta R.T.: -0.005 min
Response: 818201
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



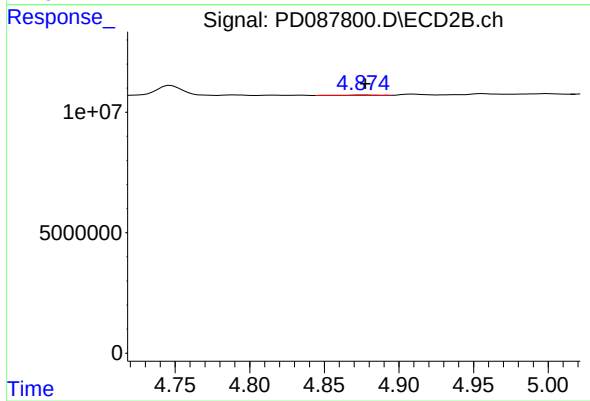
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 575747
Conc: 0.03 ng/ml



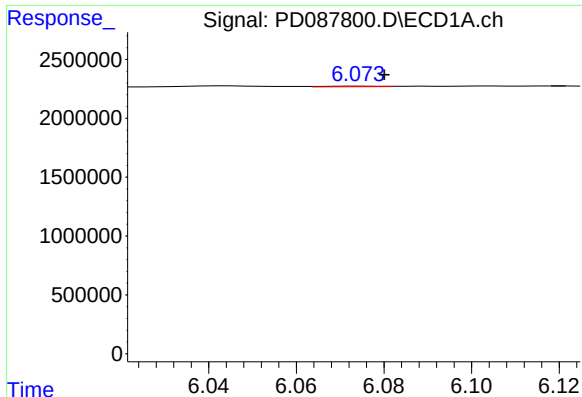
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 5.696 min
Response: 0
Conc: N.D.



#8 Heptachlor epoxide

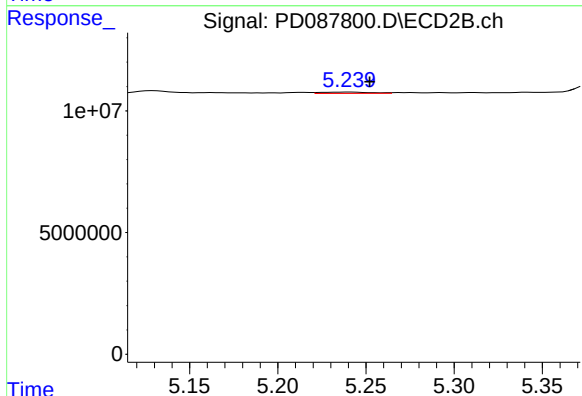
R.T.: 4.876 min
Delta R.T.: -0.002 min
Response: 285339
Conc: 0.02 ng/ml



#9 Endosulfan I

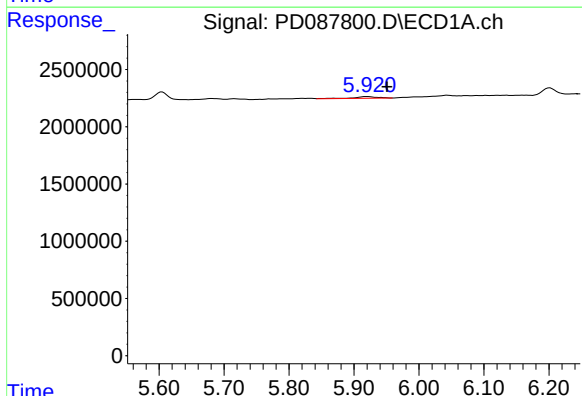
R.T.: 6.075 min
Delta R.T.: -0.005 min
Response: 45993
Conc: 0.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



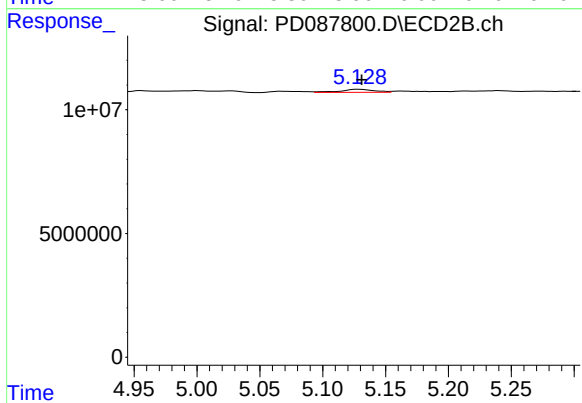
#9 Endosulfan I

R.T.: 5.241 min
Delta R.T.: -0.012 min
Response: 1027461
Conc: 0.07 ng/ml



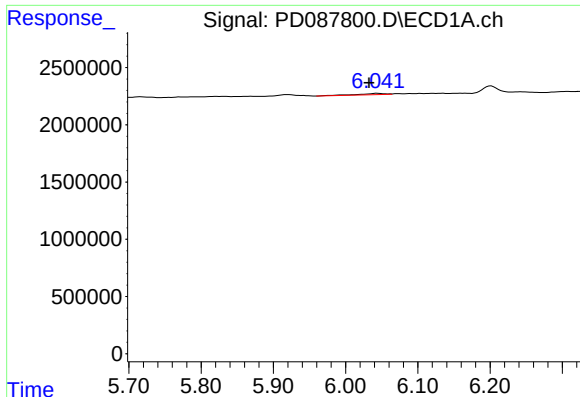
#10 gamma-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.030 min
Response: 379948
Conc: 0.11 ng/ml



#10 gamma-Chlordane

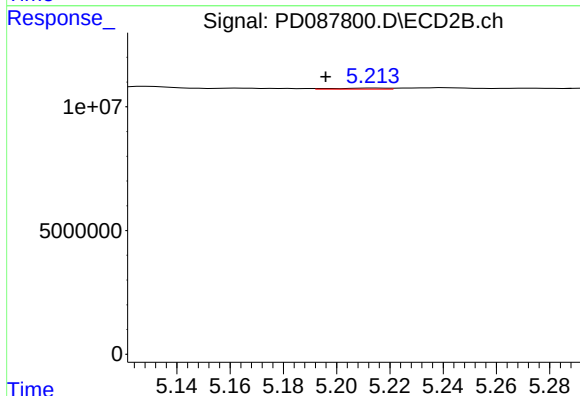
R.T.: 5.129 min
Delta R.T.: -0.002 min
Response: 2318683
Conc: 0.14 ng/ml



#11 alpha-Chlordane

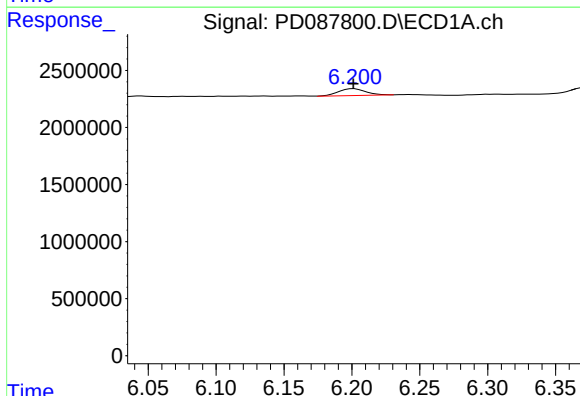
R.T.: 6.044 min
Delta R.T.: 0.012 min
Response: 323607
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



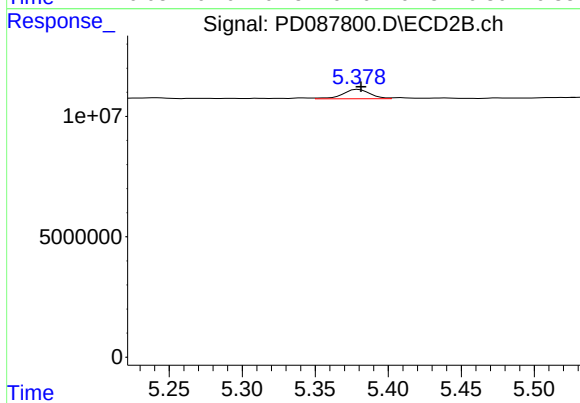
#11 alpha-Chlordane

R.T.: 5.214 min
Delta R.T.: 0.018 min
Response: 576484
Conc: 0.04 ng/ml



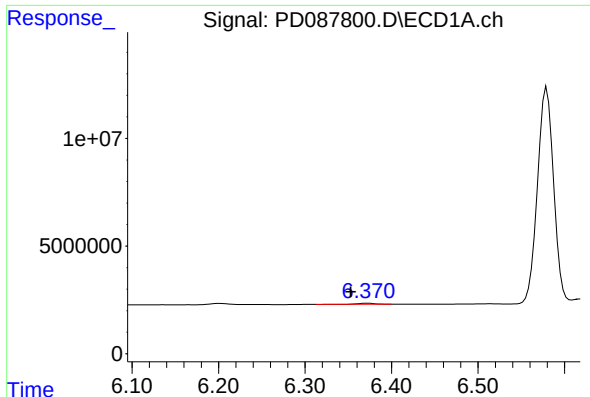
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 835118
Conc: 0.28 ng/ml



#12 4,4'-DDE

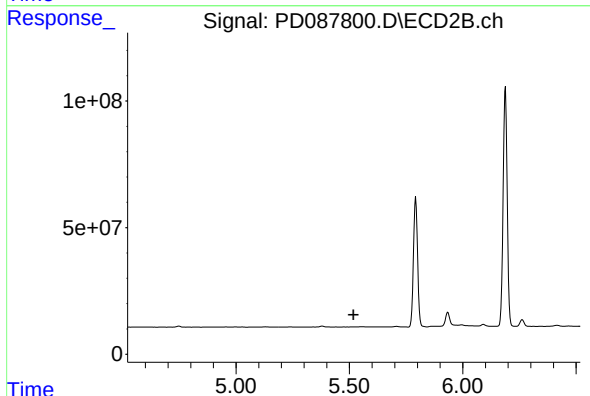
R.T.: 5.380 min
Delta R.T.: -0.002 min
Response: 4972722
Conc: 0.32 ng/ml



#13 Dieldrin

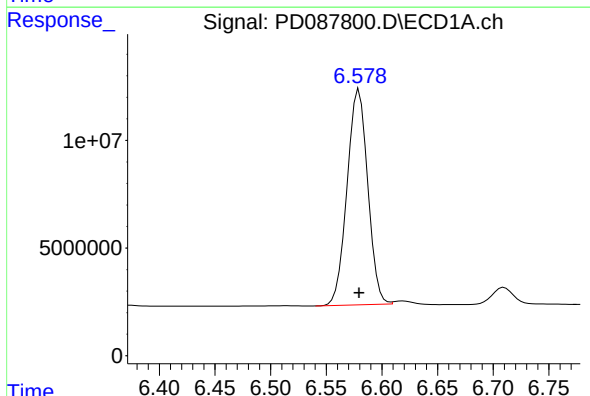
R.T.: 6.372 min
Delta R.T.: 0.019 min
Response: 628927
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



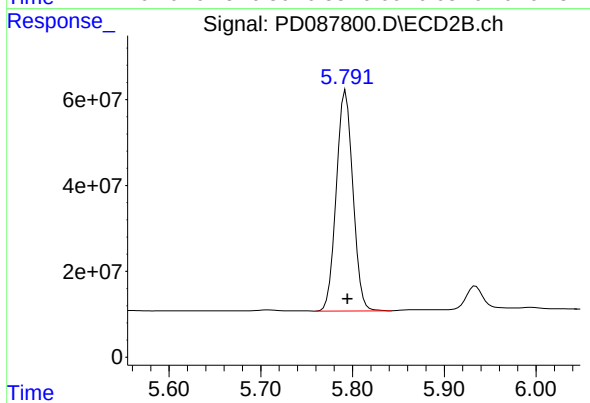
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.518 min
Response: 0
Conc: N.D.



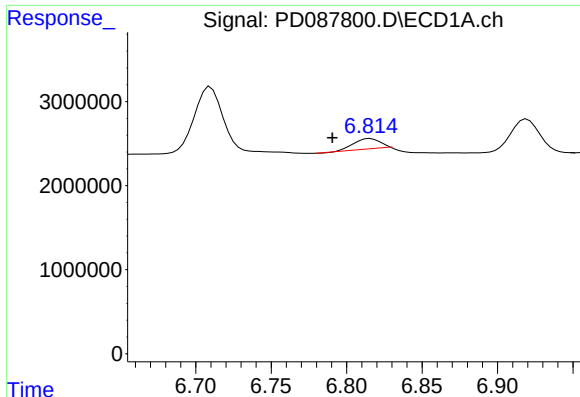
#14 Endrin

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 129569251
Conc: 44.71 ng/ml



#14 Endrin

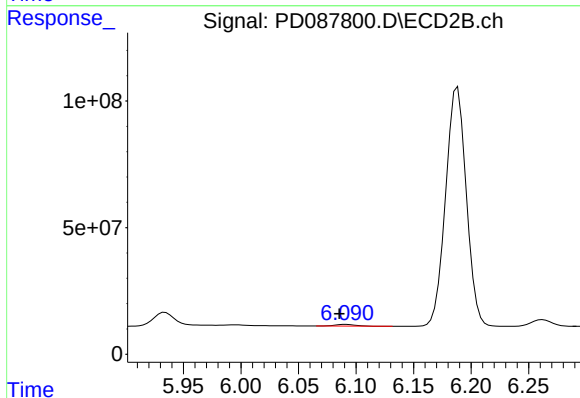
R.T.: 5.793 min
Delta R.T.: -0.002 min
Response: 646151405
Conc: 43.38 ng/ml



#15 Endosulfan II

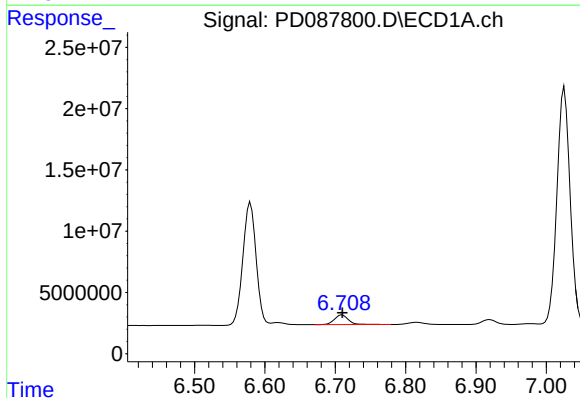
R.T.: 6.816 min
Delta R.T.: 0.025 min
Response: 1502592
Conc: 0.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



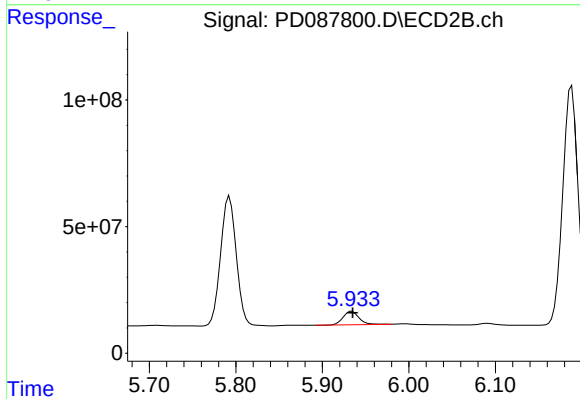
#15 Endosulfan II

R.T.: 6.091 min
Delta R.T.: 0.006 min
Response: 8219676
Conc: 0.58 ng/ml



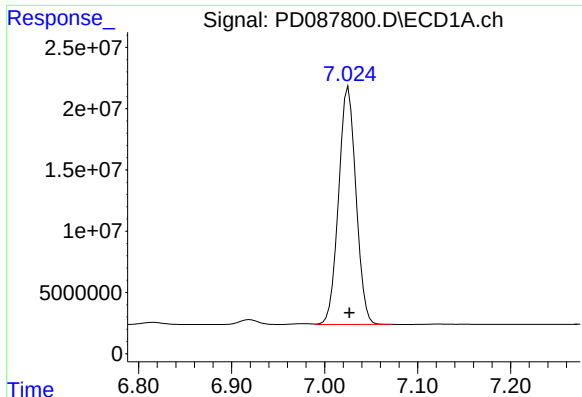
#16 4,4'-DDD

R.T.: 6.710 min
Delta R.T.: 0.000 min
Response: 11011598
Conc: 4.58 ng/ml



#16 4,4'-DDD

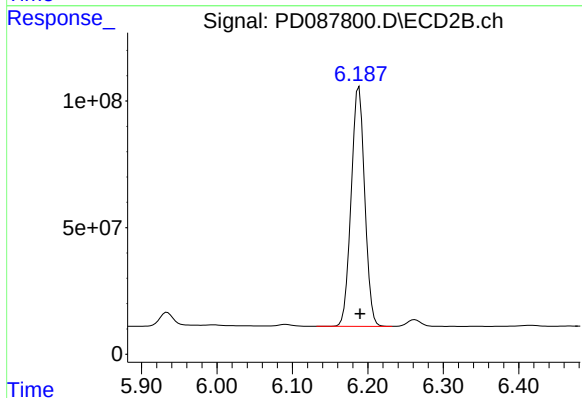
R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 67012854
Conc: 5.07 ng/ml



#17 4,4'-DDT

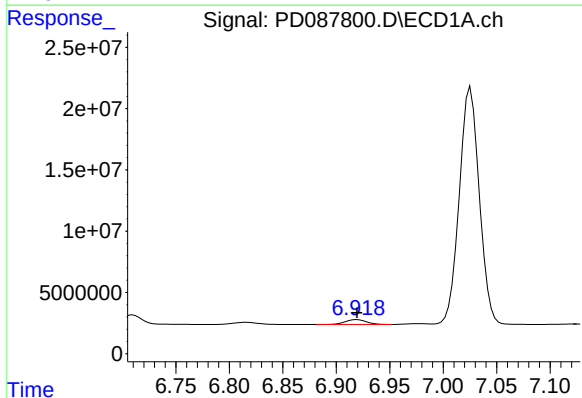
R.T.: 7.026 min
Delta R.T.: 0.000 min
Response: 251875021
Conc: 97.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



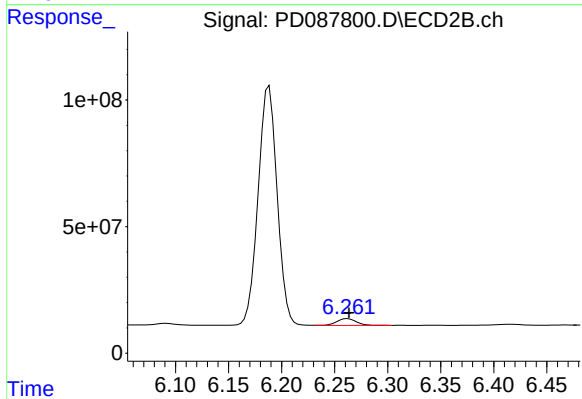
#17 4,4'-DDT

R.T.: 6.188 min
Delta R.T.: -0.001 min
Response: 1181468699
Conc: 87.77 ng/ml



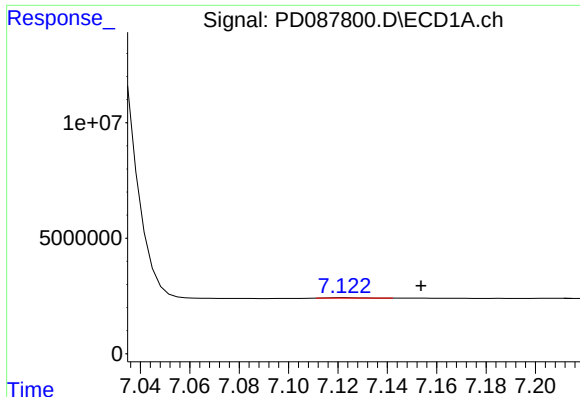
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.000 min
Response: 5407415
Conc: 2.33 ng/ml



#18 Endrin aldehyde

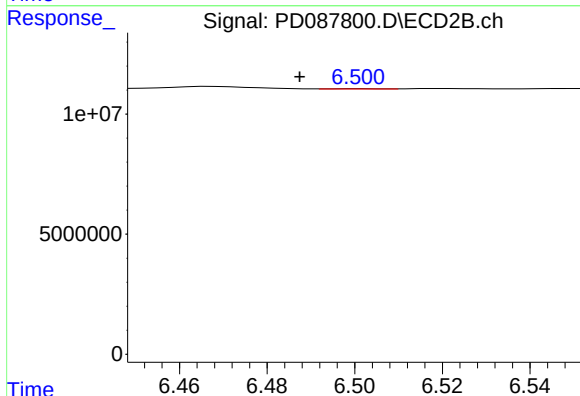
R.T.: 6.262 min
Delta R.T.: -0.001 min
Response: 33532372
Conc: 2.88 ng/ml



#19 Endosulfan Sulfate

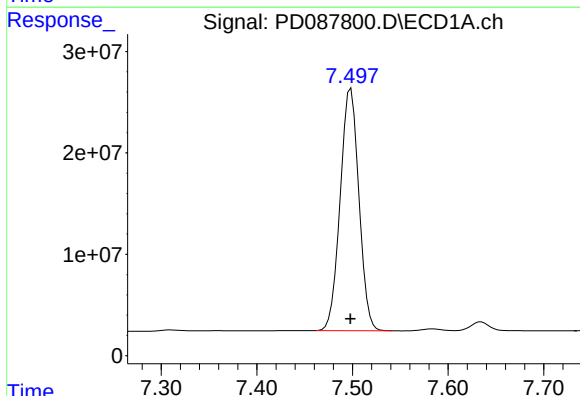
R.T.: 7.123 min
Delta R.T.: -0.031 min
Response: 178657
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



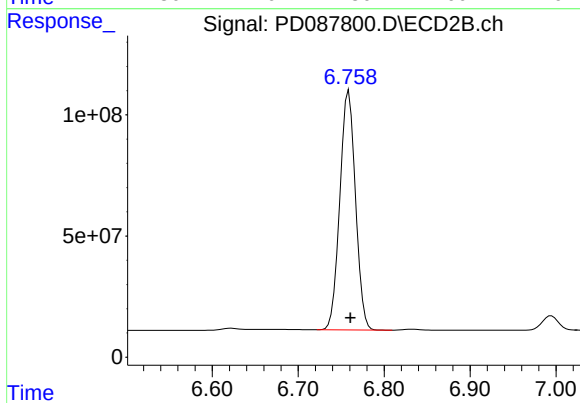
#19 Endosulfan Sulfate

R.T.: 6.501 min
Delta R.T.: 0.014 min
Response: 109933
Conc: 0.01 ng/ml



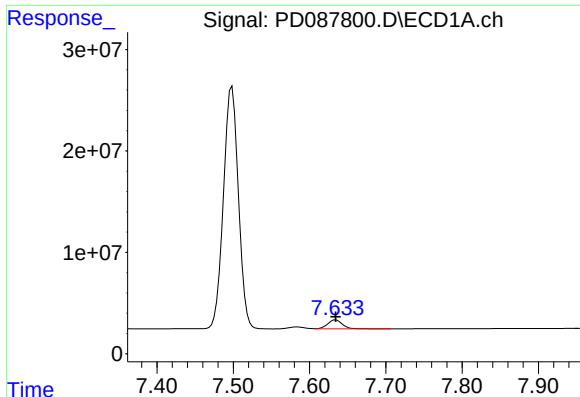
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: 0.000 min
Response: 325666448
Conc: 221.87 ng/ml



#20 Methoxychlor

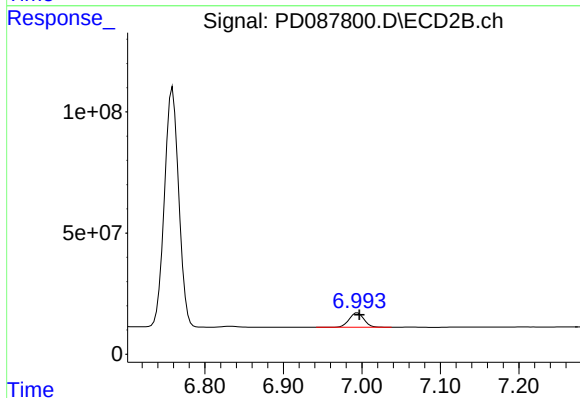
R.T.: 6.759 min
Delta R.T.: -0.002 min
Response: 1248975357
Conc: 163.43 ng/ml



#21 Endrin ketone

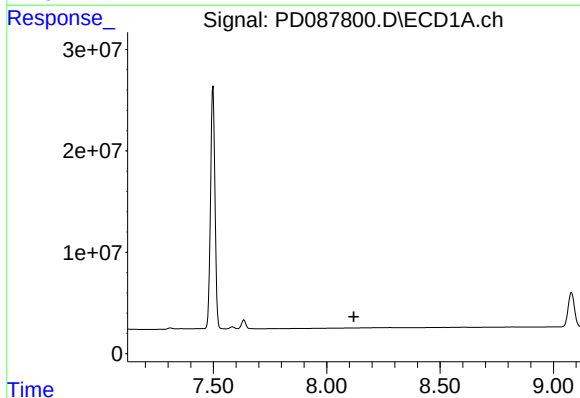
R.T.: 7.635 min
Delta R.T.: 0.000 min
Response: 11648593
Conc: 3.79 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



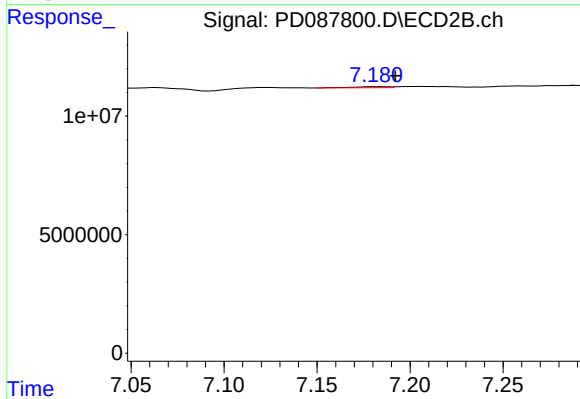
#21 Endrin ketone

R.T.: 6.995 min
Delta R.T.: -0.002 min
Response: 77825256
Conc: 4.99 ng/ml



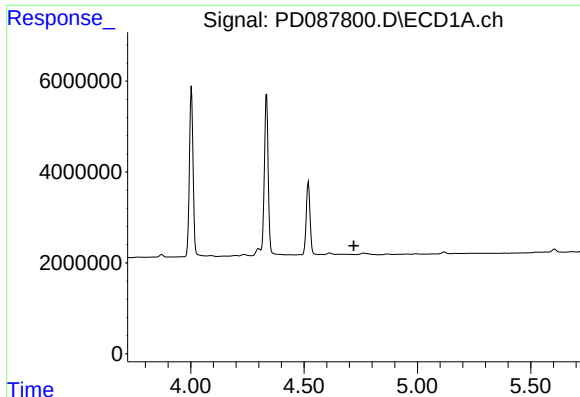
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.119 min
Response: 0
Conc: N.D.



#22 Mirex

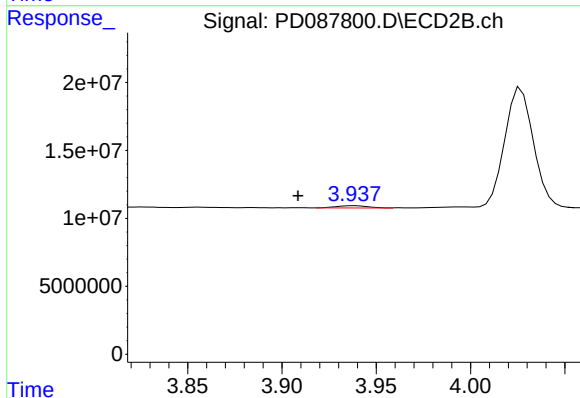
R.T.: 7.182 min
Delta R.T.: -0.010 min
Response: 641991
Conc: 0.05 ng/ml



#23 Chlordane-1

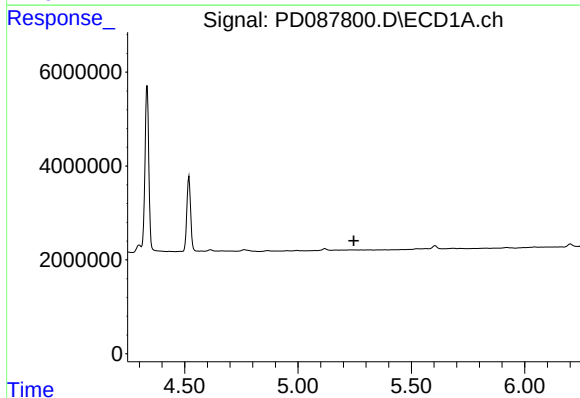
R.T.: 0.000 min
Exp R.T.: 4.720 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



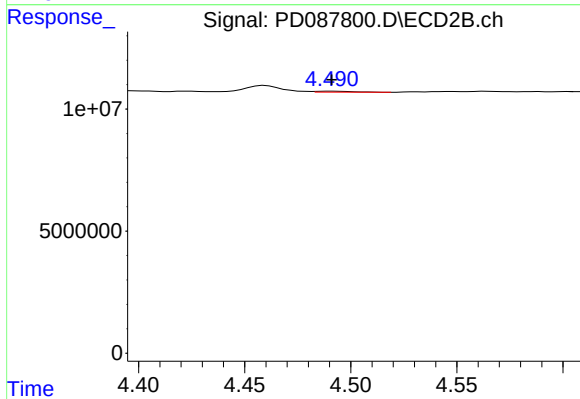
#23 Chlordane-1

R.T.: 3.938 min
Delta R.T.: 0.030 min
Response: 1854286
Conc: 3.33 ng/ml



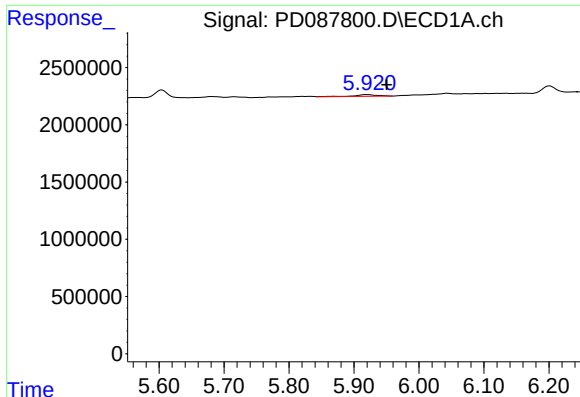
#24 Chlordane-2

R.T.: 0.000 min
Exp R.T.: 5.245 min
Response: 0
Conc: N.D.



#24 Chlordane-2

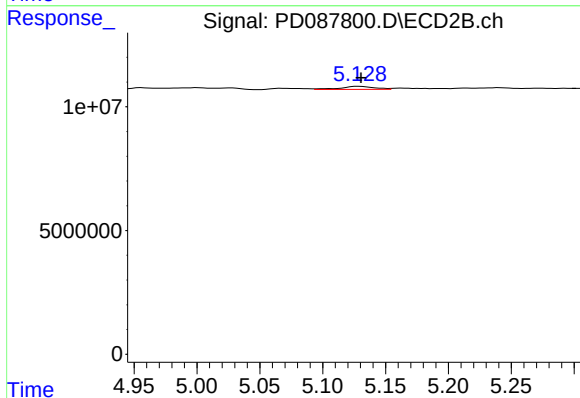
R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 502062
Conc: 0.85 ng/ml



#25 Chlordane-3

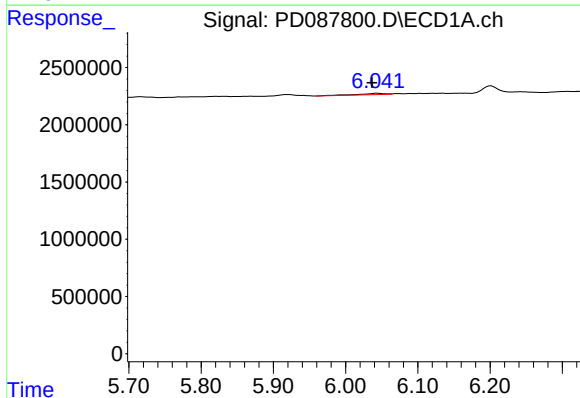
R.T.: 5.921 min
Delta R.T.: -0.030 min
Response: 379948
Conc: 0.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



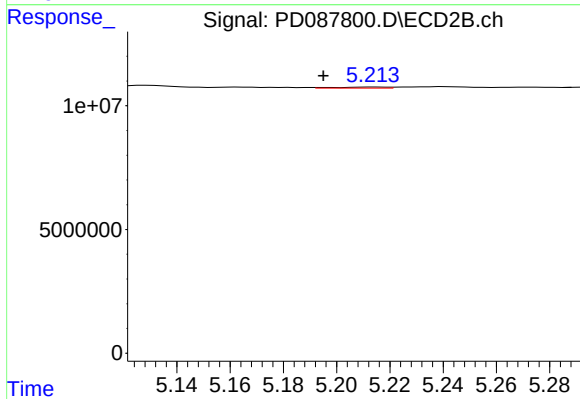
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: -0.001 min
Response: 2318683
Conc: 1.33 ng/ml



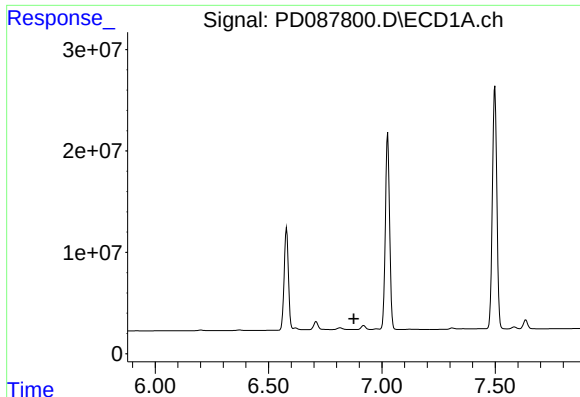
#26 Chlordane-4

R.T.: 6.044 min
Delta R.T.: 0.007 min
Response: 323607
Conc: 0.53 ng/ml



#26 Chlordane-4

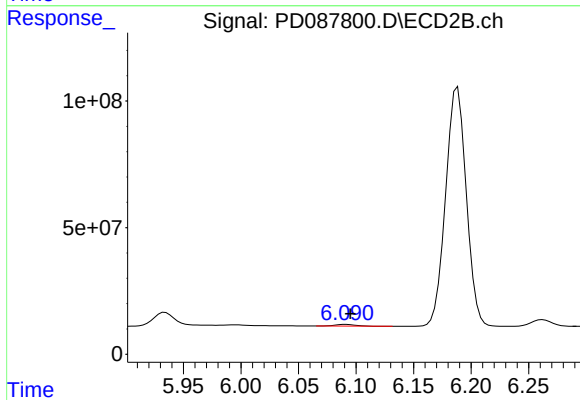
R.T.: 5.214 min
Delta R.T.: 0.019 min
Response: 576484
Conc: 0.39 ng/ml



#27 Chlordane-5

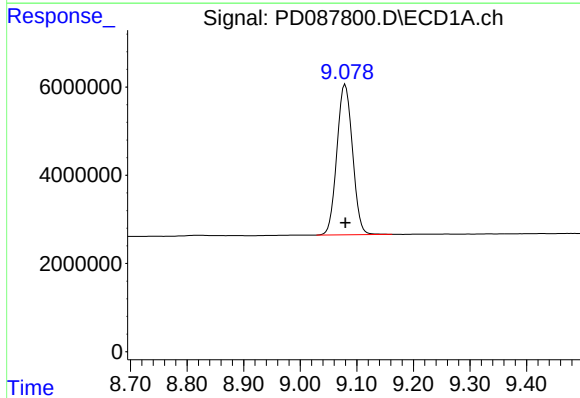
R.T.: 0.000 min
Exp R.T.: 6.876 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



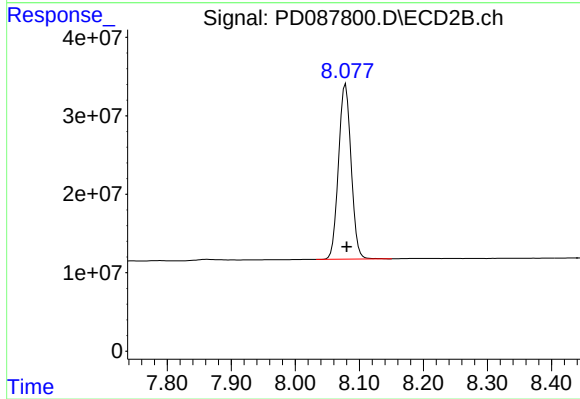
#27 Chlordane-5

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 8219676
Conc: 12.55 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.079 min
Delta R.T.: 0.000 min
Response: 65348878
Conc: 21.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.079 min
Delta R.T.: -0.002 min
Response: 304910917
Conc: 21.58 ng/ml