

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
 Data File : PD089229.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jun 2025 09:02
 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: Jun 30 12:48:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 18 05:39:05 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...	3.550	2.881	66227280	412.4E6	23.212	24.324
28)	SA Decachlor...	9.073	8.071	88823463	458.0E6	22.615	23.165
Target Compounds							
2)	A alpha-BHC	3.999	3.393	63788430	336.0E6	10.943	12.540
3)	MA gamma-BHC...	4.330	3.729	62371582	307.9E6	11.174	12.437
4)	MA Heptachlor	0.000	4.078	0	1396659	N.D.	0.056 #
5)	MB Aldrin	5.246f	4.364	395341	1227292	0.074	0.051 #
6)	B beta-BHC	4.516	4.025	25909661	134.9E6	11.739	12.555
7)	B delta-BHC	4.774	4.254	812897	1531906	0.158	0.062 #
8)	B Heptachlo...	5.674f	4.872	1120842	891836	0.232	0.041 #
9)	A Endosulfan I	0.000	5.227f	0	2655196	N.D.	0.127 #
10)	B gamma-Chl...	5.914f	5.125	4498703	43707691	0.940	1.827 #
11)	B alpha-Chl...	6.033	5.188	599925	5119216	0.124	0.224 #
12)	B 4,4'-DDE	6.195	5.375	1210532	5921369	0.278	0.258
13)	MA Dieldrin	6.366f	5.511	4179578	-62283	0.871	N.D. #
14)	MA Endrin	6.574	5.788	214.7E6	1074.3E6	52.040	49.474
15)	B Endosulfa...	6.769f	6.085	124588	12052710	0.031	0.597 #
16)	A 4,4'-DDD	6.705	5.928	34864575	213.0E6	10.159	11.134
17)	MA 4,4'-DDT	7.021	6.182	326.6E6	1696.9E6	86.206	83.677
18)	B Endrin al...	6.915	6.257	3468112	23134296	1.132	1.511 #
19)	B Endosulfa...	0.000	6.460f	0	2617132	N.D.	0.133 #
20)	A Methoxychlor	7.493	6.753	396.4E6	1732.8E6	196.181	160.924
21)	B Endrin ke...	7.630	6.989	13245717	98382328	3.252	4.554 #
22)	Mirex	0.000	7.177	0	2403137	N.D.	0.144 #
23)	Chlordane-1	0.000	3.900	0	1510827	N.D.	1.621 #
24)	Chlordane-2	5.246	4.490	395341	1383894	1.811	1.454
25)	Chlordane-3	0.000	5.125	0	43707691	N.D.	14.715 #
26)	Chlordane-4	6.033	5.188	599925	5119216	0.571	2.042 #
27)	Chlordane-5	0.000	6.085	0	12052710	N.D.	10.650 #

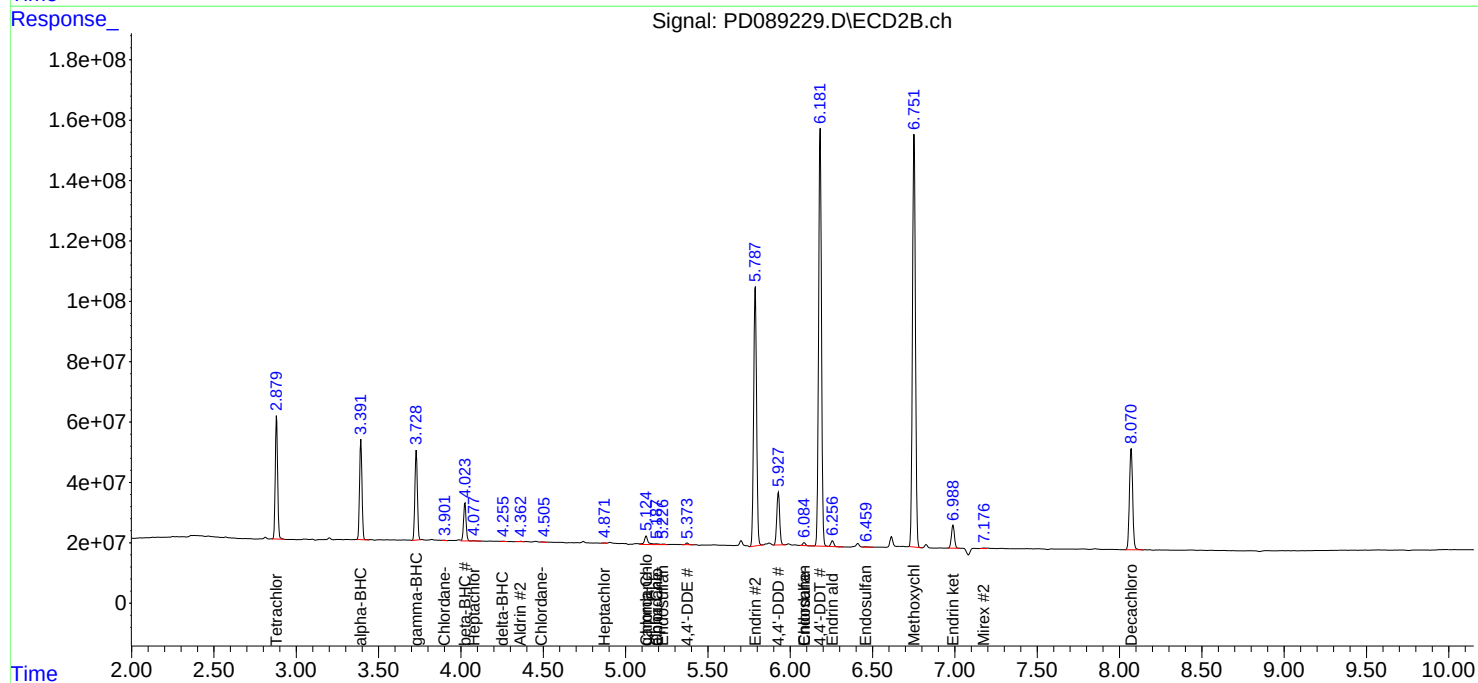
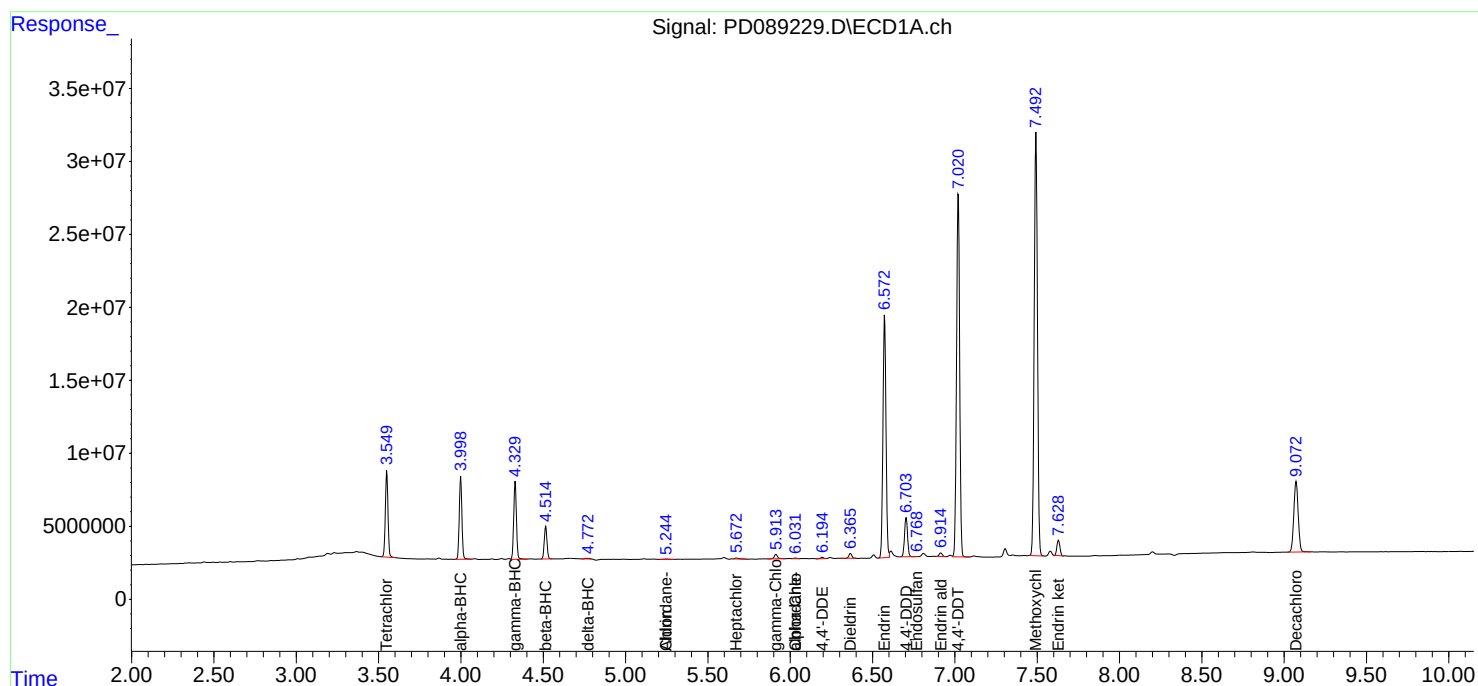
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

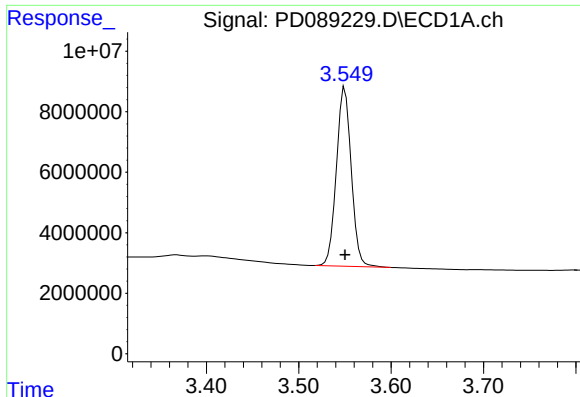
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD063025\
Data File : PD089229.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 30 Jun 2025 09:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 30 12:48:04 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061825.M
Quant Title : GC Extractables
QLast Update : Wed Jun 18 05:39:05 2025
Response via : Initial Calibration
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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

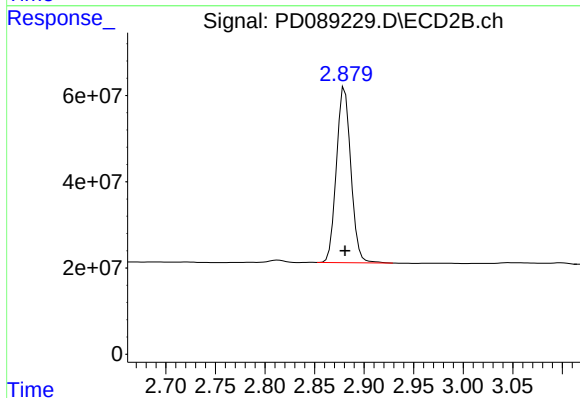




#1 Tetrachloro-m-xylene

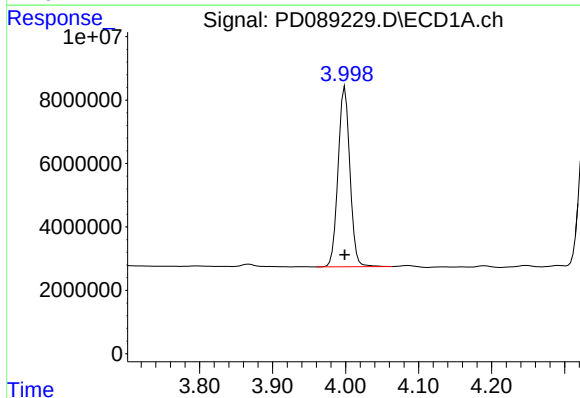
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 66227280
Conc: 23.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



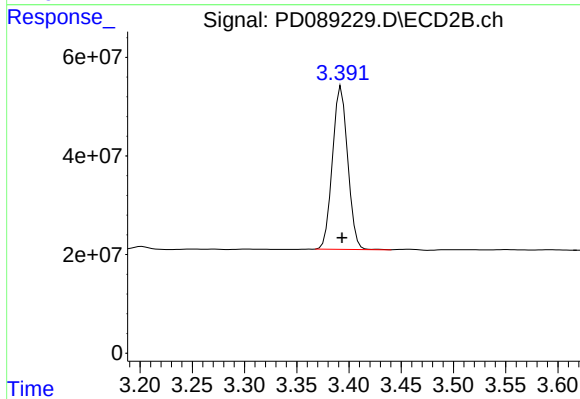
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 412363211
Conc: 24.32 ng/ml



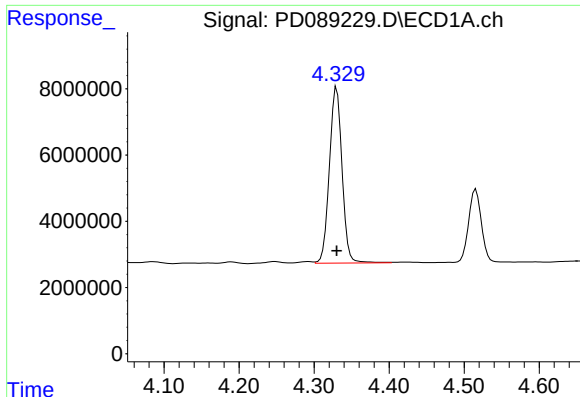
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 63788430
Conc: 10.94 ng/ml



#2 alpha-BHC

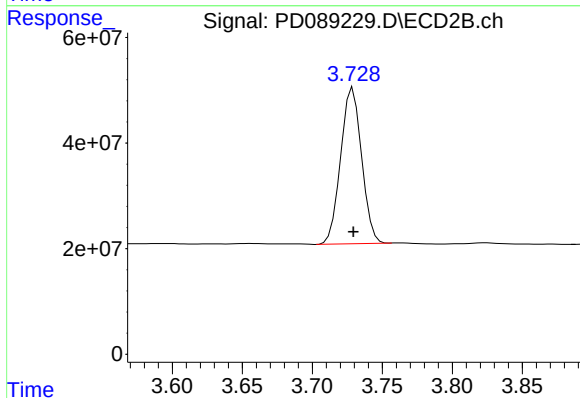
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 336035221
Conc: 12.54 ng/ml



#3 gamma-BHC (Lindane)

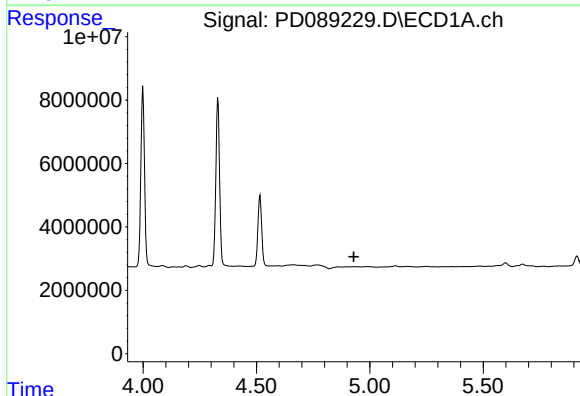
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 62371582
Conc: 11.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



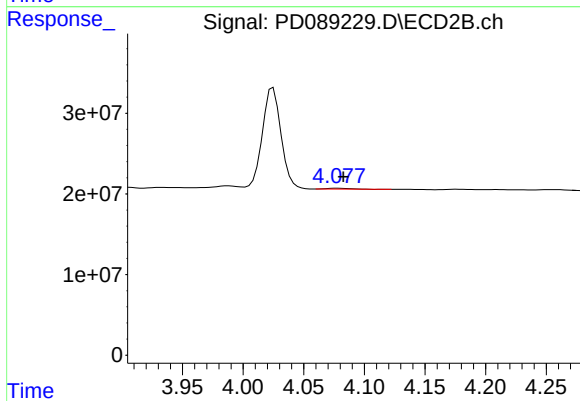
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 307905935
Conc: 12.44 ng/ml



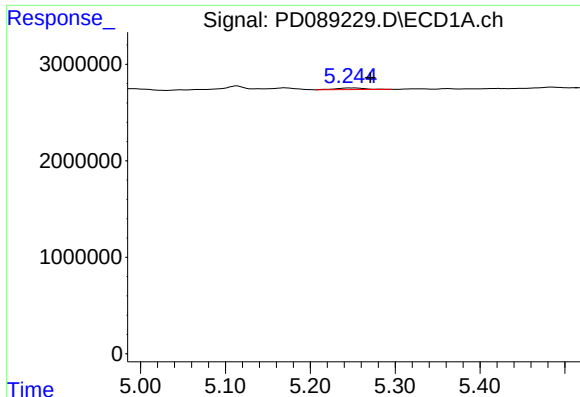
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.929 min
Response: 0
Conc: N.D.



#4 Heptachlor

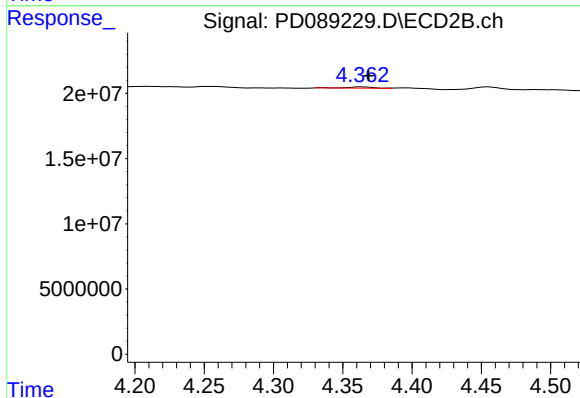
R.T.: 4.078 min
Delta R.T.: -0.005 min
Response: 1396659
Conc: 0.06 ng/ml



#5 Aldrin

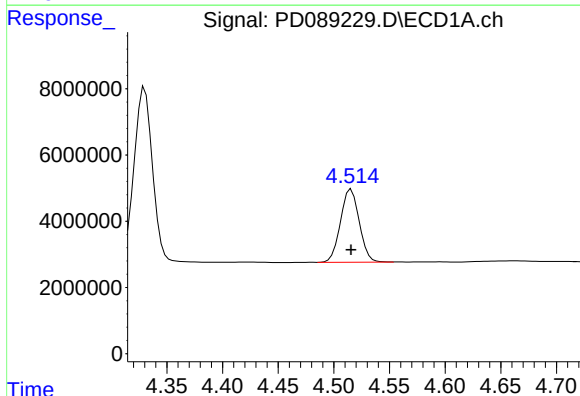
R.T.: 5.246 min
Delta R.T.: -0.025 min
Response: 395341
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



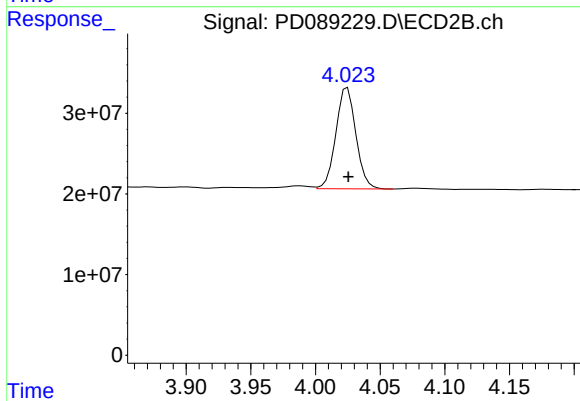
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 1227292
Conc: 0.05 ng/ml



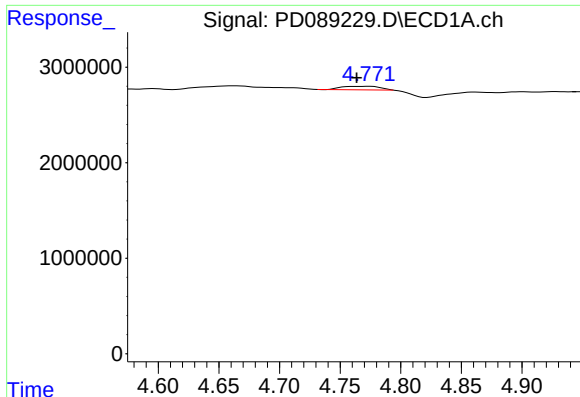
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 25909661
Conc: 11.74 ng/ml



#6 beta-BHC

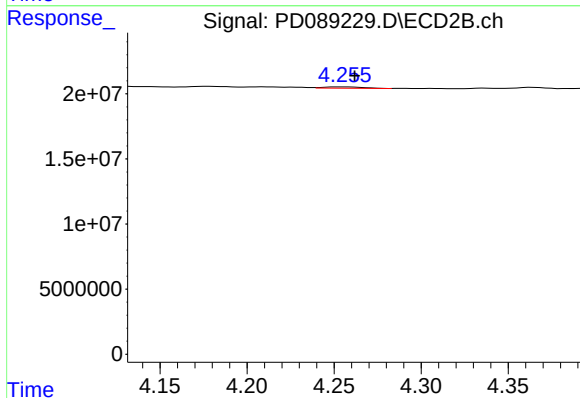
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 134915969
Conc: 12.55 ng/ml



#7 delta-BHC

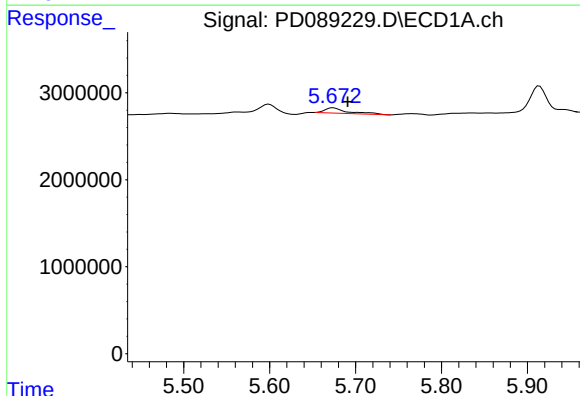
R.T.: 4.774 min
Delta R.T.: 0.010 min
Response: 812897
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



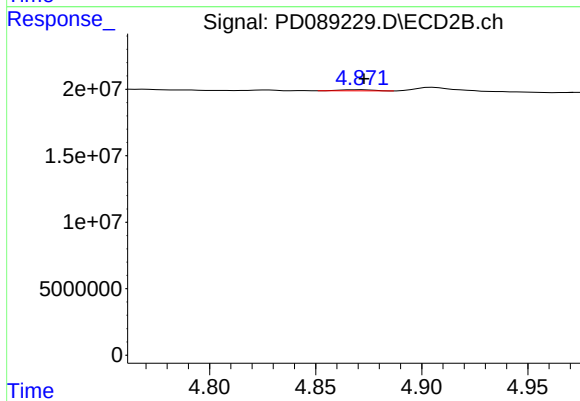
#7 delta-BHC

R.T.: 4.254 min
Delta R.T.: -0.007 min
Response: 1531906
Conc: 0.06 ng/ml



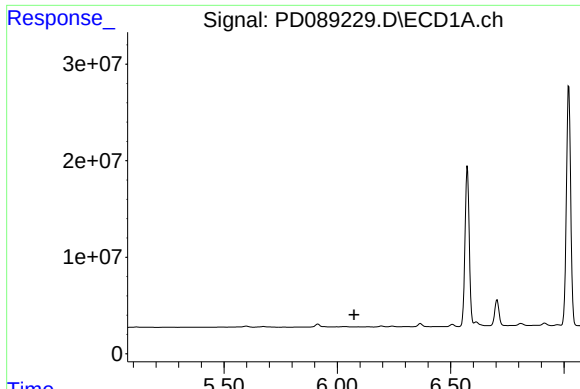
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.017 min
Response: 1120842
Conc: 0.23 ng/ml



#8 Heptachlor epoxide

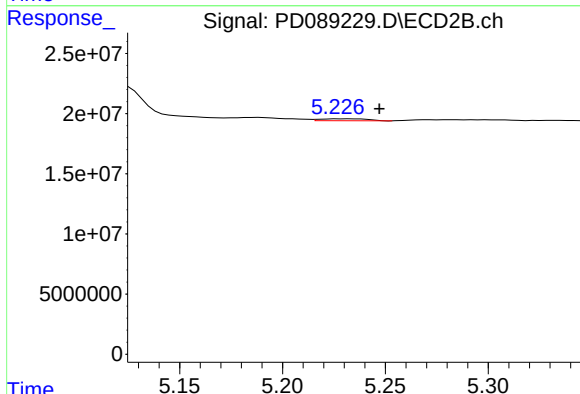
R.T.: 4.872 min
Delta R.T.: 0.000 min
Response: 891836
Conc: 0.04 ng/ml



#9 Endosulfan I

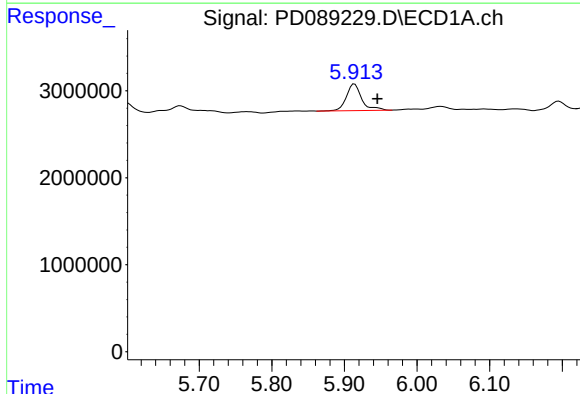
R.T.: 0.000 min
Exp R.T.: 6.074 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



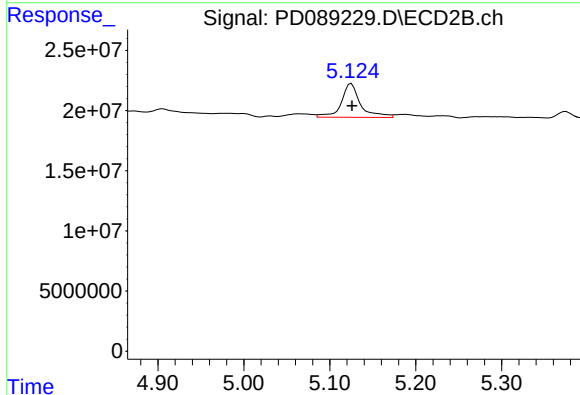
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.020 min
Response: 2655196
Conc: 0.13 ng/ml



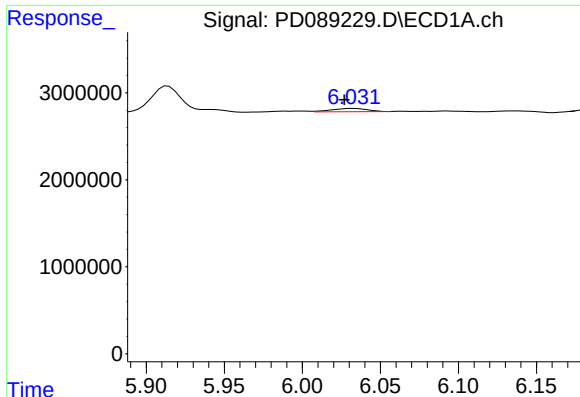
#10 gamma-Chlordane

R.T.: 5.914 min
Delta R.T.: -0.032 min
Response: 4498703
Conc: 0.94 ng/ml



#10 gamma-Chlordane

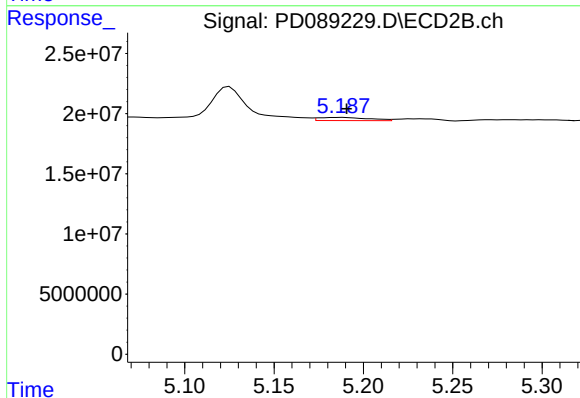
R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 43707691
Conc: 1.83 ng/ml



#11 alpha-Chlordane

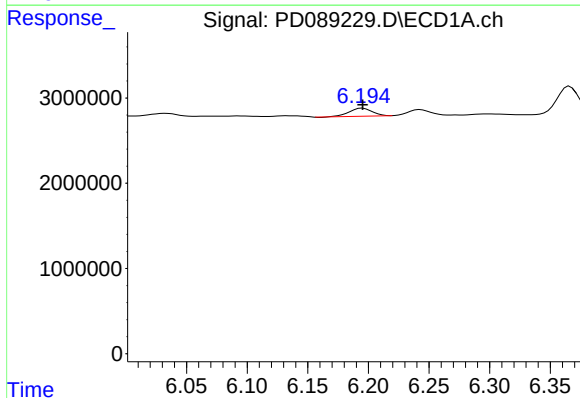
R.T.: 6.033 min
Delta R.T.: 0.006 min
Response: 599925
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



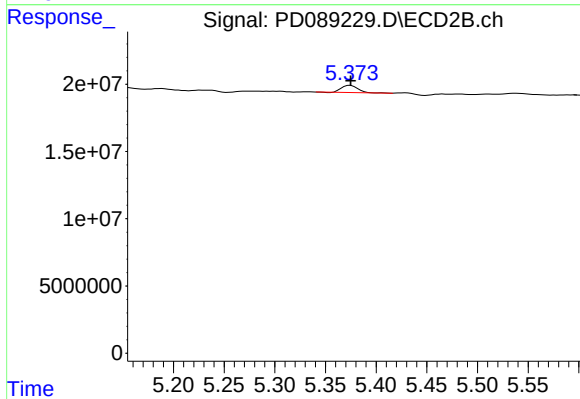
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.003 min
Response: 5119216
Conc: 0.22 ng/ml



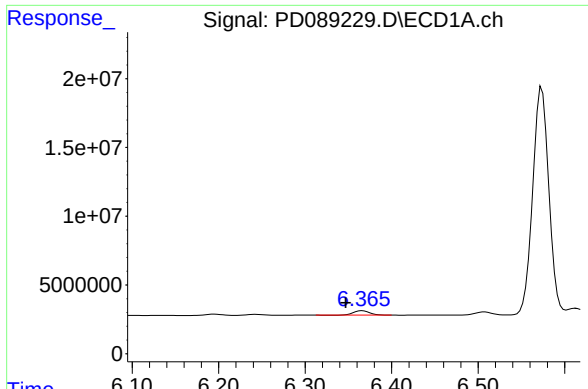
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 1210532
Conc: 0.28 ng/ml



#12 4,4'-DDE

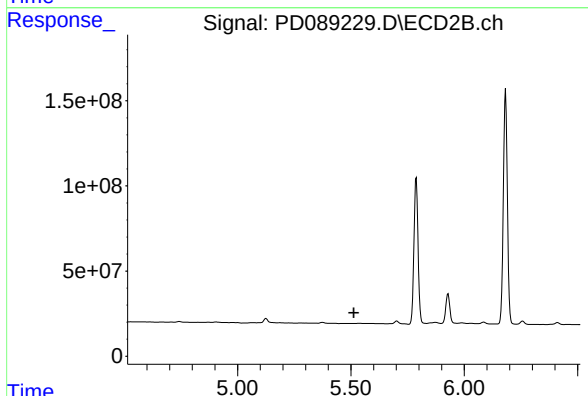
R.T.: 5.375 min
Delta R.T.: 0.000 min
Response: 5921369
Conc: 0.26 ng/ml



#13 Dieldrin

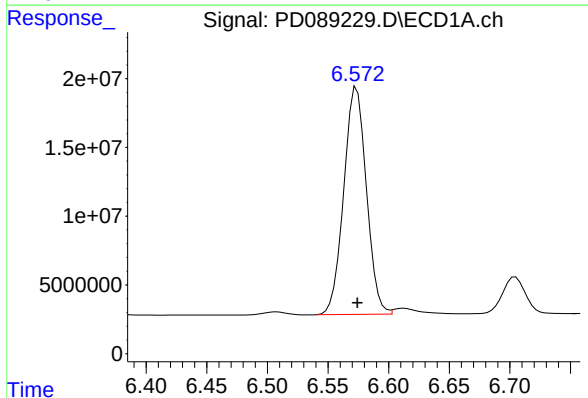
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 4179578
Conc: 0.87 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



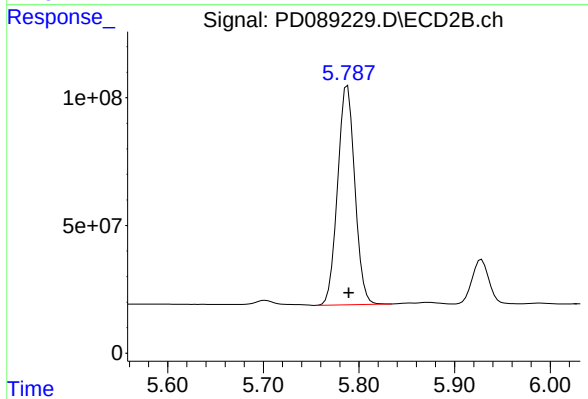
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.002 min
Response: -62283
Conc: N.D.



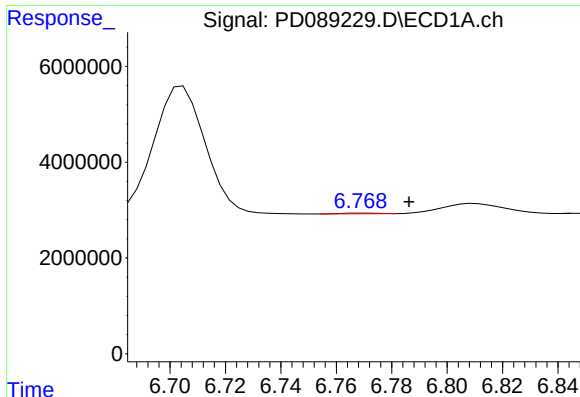
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 214695931
Conc: 52.04 ng/ml



#14 Endrin

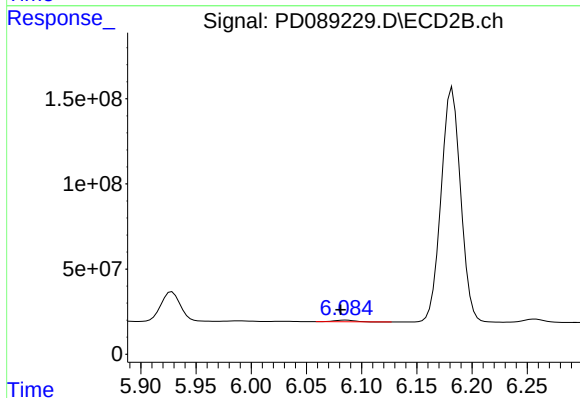
R.T.: 5.788 min
Delta R.T.: -0.001 min
Response: 1074279347
Conc: 49.47 ng/ml



#15 Endosulfan II

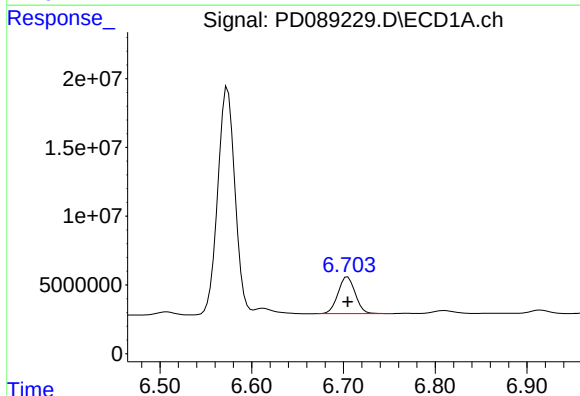
R.T.: 6.769 min
Delta R.T.: -0.017 min
Response: 124588
Conc: 0.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



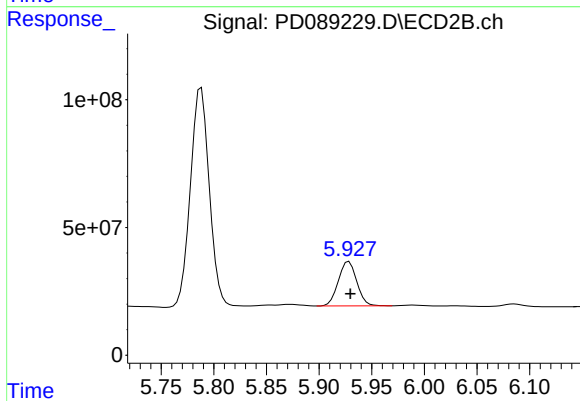
#15 Endosulfan II

R.T.: 6.085 min
Delta R.T.: 0.004 min
Response: 12052710
Conc: 0.60 ng/ml



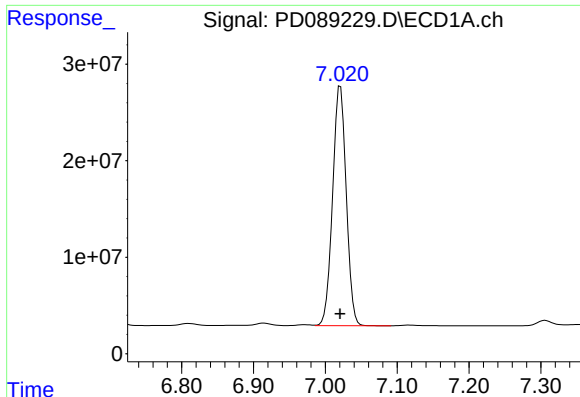
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 34864575
Conc: 10.16 ng/ml



#16 4,4'-DDD

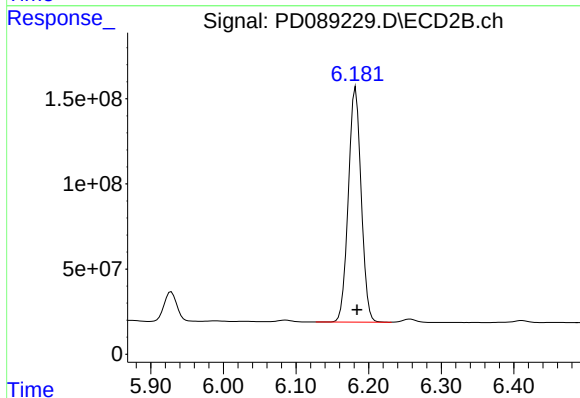
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 212990883
Conc: 11.13 ng/ml



#17 4,4'-DDT

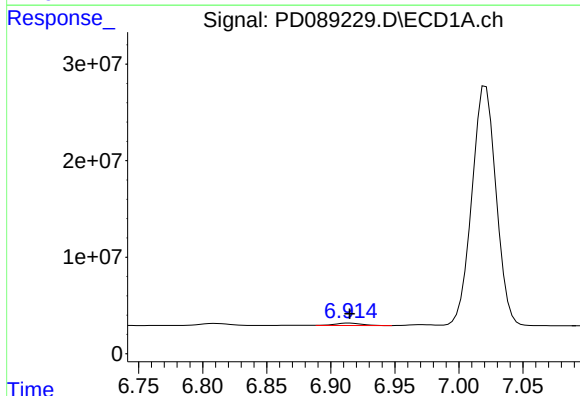
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 326565486
Conc: 86.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



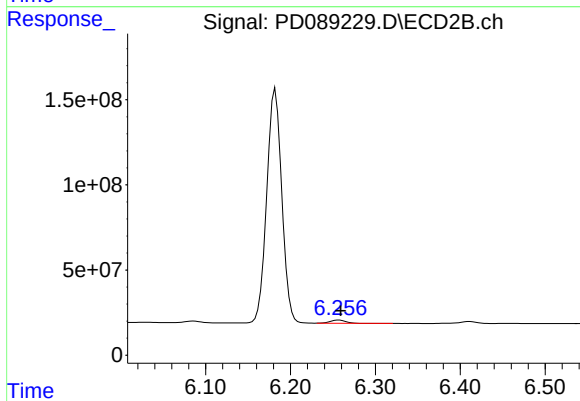
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1696911576
Conc: 83.68 ng/ml



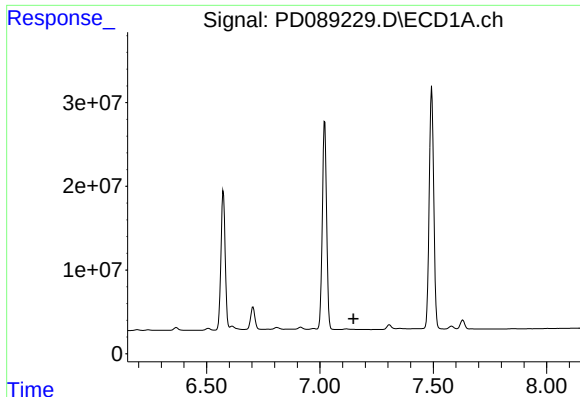
#18 Endrin aldehyde

R.T.: 6.915 min
Delta R.T.: 0.000 min
Response: 3468112
Conc: 1.13 ng/ml



#18 Endrin aldehyde

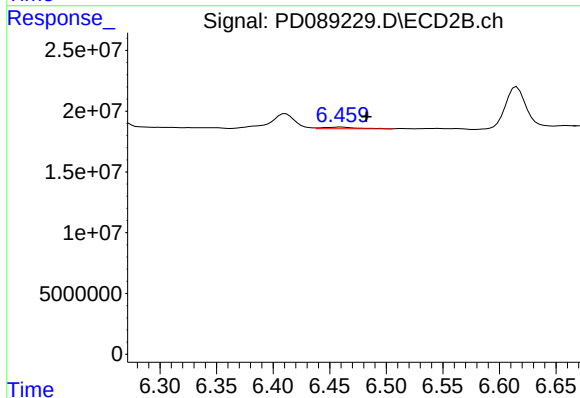
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 23134296
Conc: 1.51 ng/ml



#19 Endosulfan Sulfate

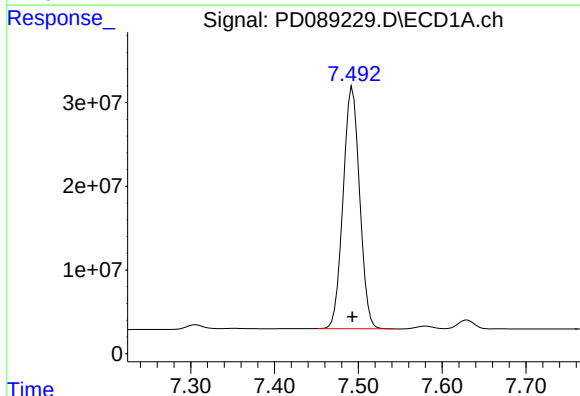
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



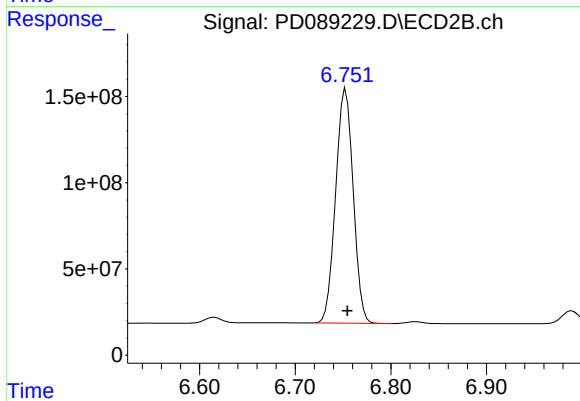
#19 Endosulfan Sulfate

R.T.: 6.460 min
Delta R.T.: -0.022 min
Response: 2617132
Conc: 0.13 ng/ml



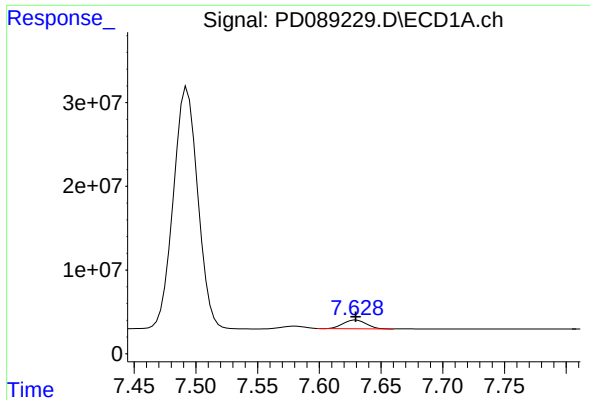
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 396409079
Conc: 196.18 ng/ml



#20 Methoxychlor

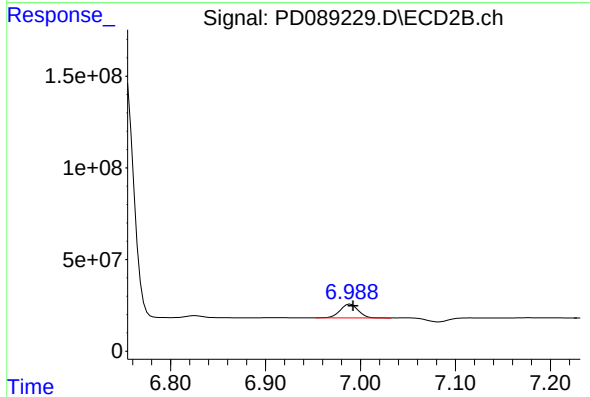
R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 1732846310
Conc: 160.92 ng/ml



#21 Endrin ketone

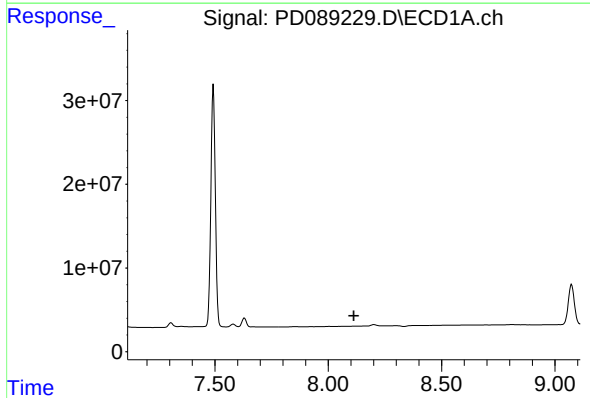
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 13245717
Conc: 3.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



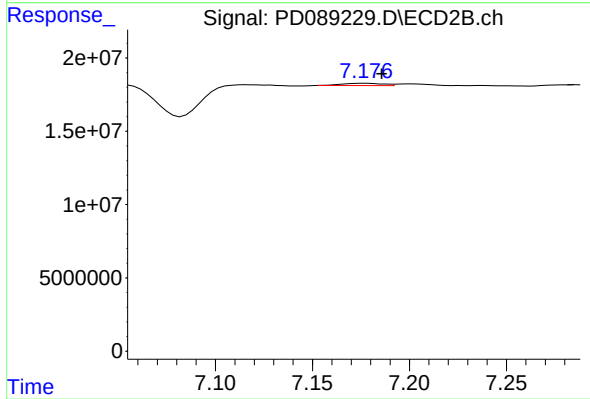
#21 Endrin ketone

R.T.: 6.989 min
Delta R.T.: -0.003 min
Response: 98382328
Conc: 4.55 ng/ml



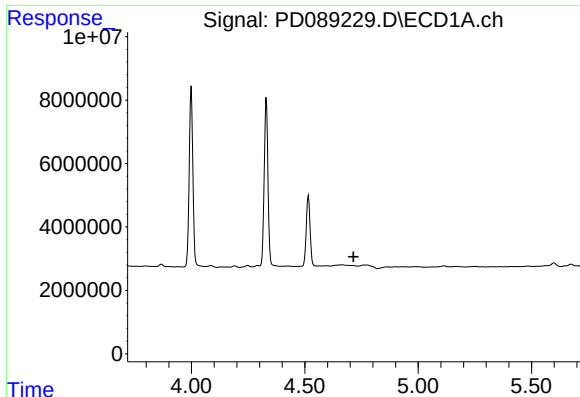
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 8.113 min
Response: 0
Conc: N.D.



#22 Mirex

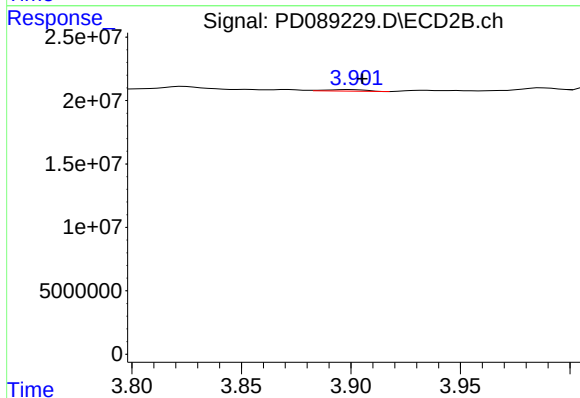
R.T.: 7.177 min
Delta R.T.: -0.009 min
Response: 2403137
Conc: 0.14 ng/ml



#23 Chlordane-1

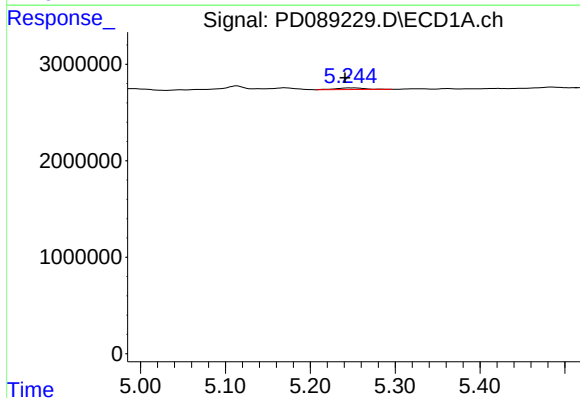
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



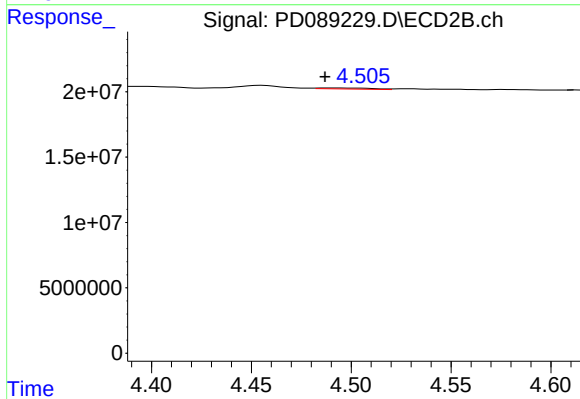
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.005 min
Response: 1510827
Conc: 1.62 ng/ml



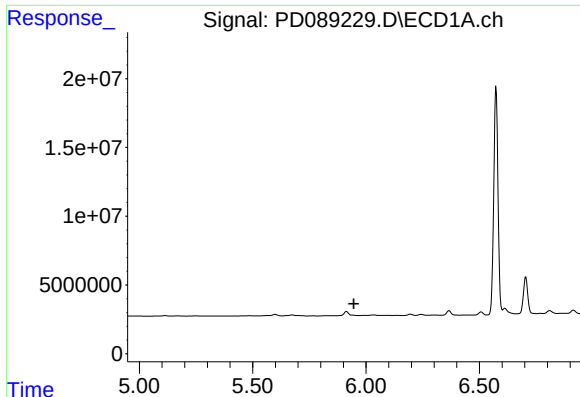
#24 Chlordane-2

R.T.: 5.246 min
Delta R.T.: 0.005 min
Response: 395341
Conc: 1.81 ng/ml



#24 Chlordane-2

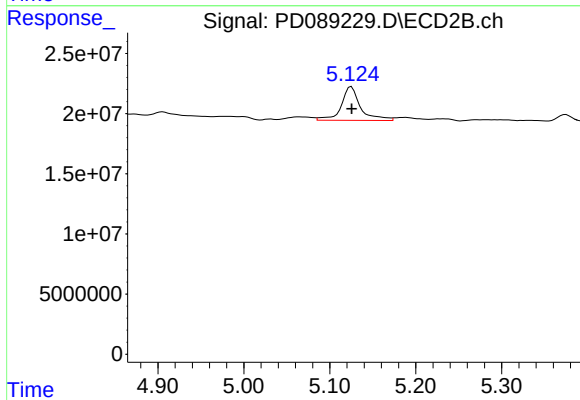
R.T.: 4.490 min
Delta R.T.: 0.003 min
Response: 1383894
Conc: 1.45 ng/ml



#25 Chlordane-3

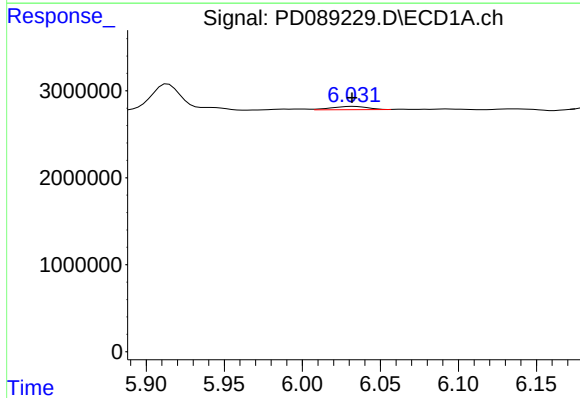
R.T.: 0.000 min
Exp R.T.: 5.946 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



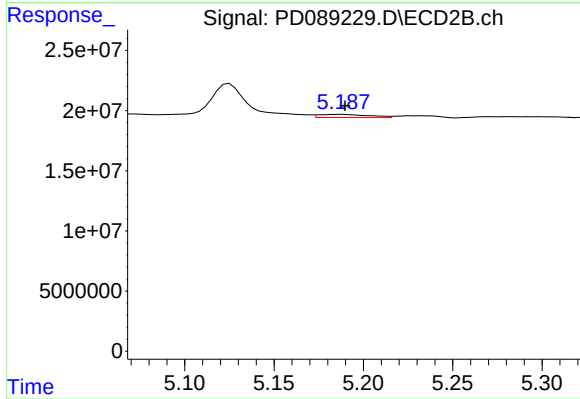
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 43707691
Conc: 14.72 ng/ml



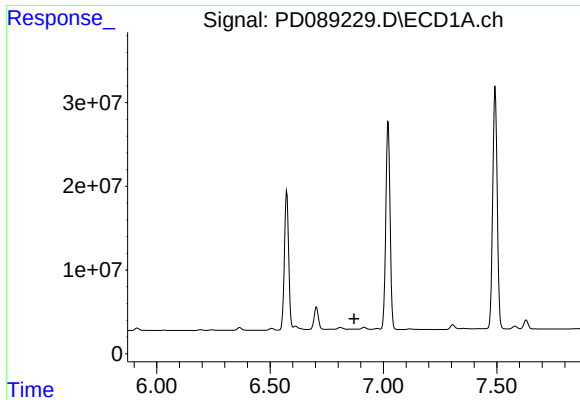
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: 0.001 min
Response: 599925
Conc: 0.57 ng/ml



#26 Chlordane-4

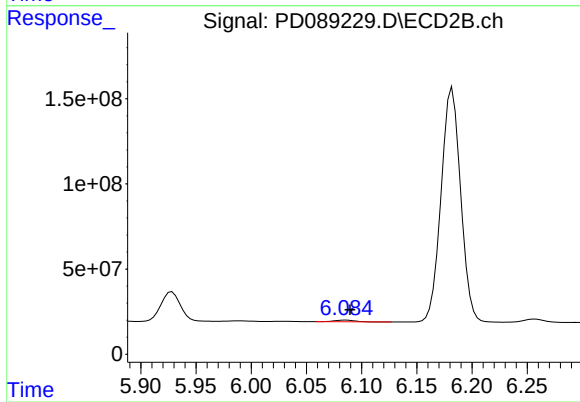
R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 5119216
Conc: 2.04 ng/ml



#27 Chlordane-5

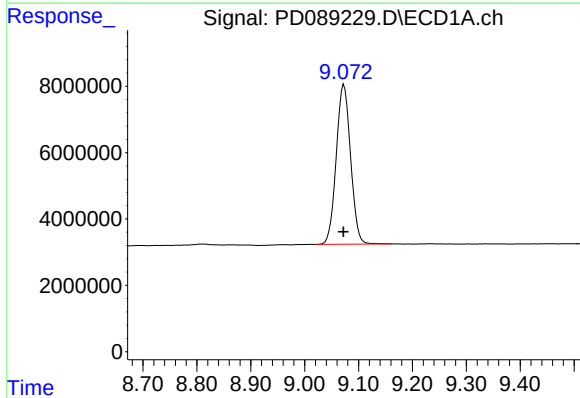
R.T.: 0.000 min
Exp R.T.: 6.871 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



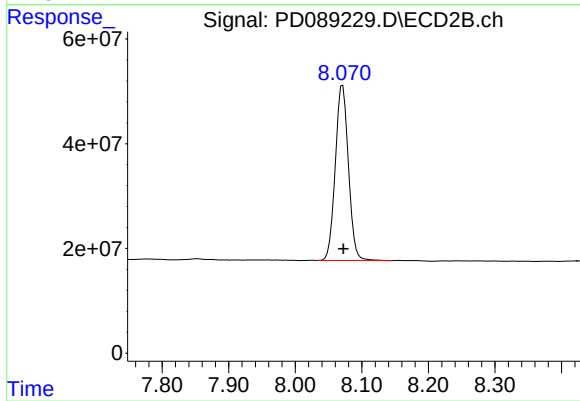
#27 Chlordane-5

R.T.: 6.085 min
Delta R.T.: -0.004 min
Response: 12052710
Conc: 10.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: 0.001 min
Response: 88823463
Conc: 22.62 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 457977026
Conc: 23.17 ng/ml