

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
 Data File : PD089145.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2025 19:02
 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 26 02:14:50 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	57472083	354.3E6	20.144	20.898
28)	SA Decachlor...	9.071	8.072	80339028	401.0E6	20.455	20.282
Target Compounds							
2)	A alpha-BHC	3.999	3.393	53967517	288.6E6	9.258	10.769
3)	MA gamma-BHC...	4.330	3.729	54244373	268.5E6	9.718	10.845
4)	MA Heptachlor	4.952f	4.078	403356	1554303	0.074	0.062
5)	MB Aldrin	5.257	4.364	295557	1422845	0.056	0.059
6)	B beta-BHC	4.515	4.025	22520746	115.9E6	10.204	10.781
7)	B delta-BHC	4.758	4.264	269475	435820	0.052	0.018 #
8)	B Heptachlo...	5.681	4.880	1659013	1285699	0.344	0.059 #
9)	A Endosulfan I	6.068	0.000	106131	0	0.024	N.D. #
10)	B gamma-Chl...	5.941	5.126	405538	37832526	0.085	1.581 #
11)	B alpha-Chl...	6.032	5.185	897089	19192359	0.185	0.838 #
12)	B 4,4'-DDE	6.195	5.376	376251	2016814	0.086	0.088
13)	MA Dieldrin	6.366f	0.000	970634	0	0.202	N.D. #
14)	MA Endrin	6.574	5.789	197.9E6	1029.8E6	47.961	47.424
15)	B Endosulfa...	6.770f	6.086	541274	6633086	0.134	0.328 #
16)	A 4,4'-DDD	6.704	5.929	9330732	53976007	2.719	2.822
17)	MA 4,4'-DDT	7.021	6.183	345.8E6	1801.3E6	91.286	88.825
18)	B Endrin al...	6.916	6.257	2455530	16630266	0.801	1.086 #
19)	B Endosulfa...	0.000	6.459f	0	3258965	N.D.	0.166 #
20)	A Methoxychlor	7.492	6.754	417.1E6	1940.7E6	206.433	180.225
21)	B Endrin ke...	7.630	6.990	4593116	39644278	1.128	1.835 #
22)	Mirex	8.118	7.176	153811	4065216	0.051	0.244 #
23)	Chlordane-1	0.000	3.900	0	1275454	N.D.	1.368 #
24)	Chlordane-2	5.257	4.488	295557	17970301	1.354	18.884 #
25)	Chlordane-3	5.941	5.126	405538	37832526	0.470	12.737 #
26)	Chlordane-4	6.032	5.185	897089	19192359	0.854	7.656 #
27)	Chlordane-5	6.871	6.086	340713	6633086	1.864	5.861 #

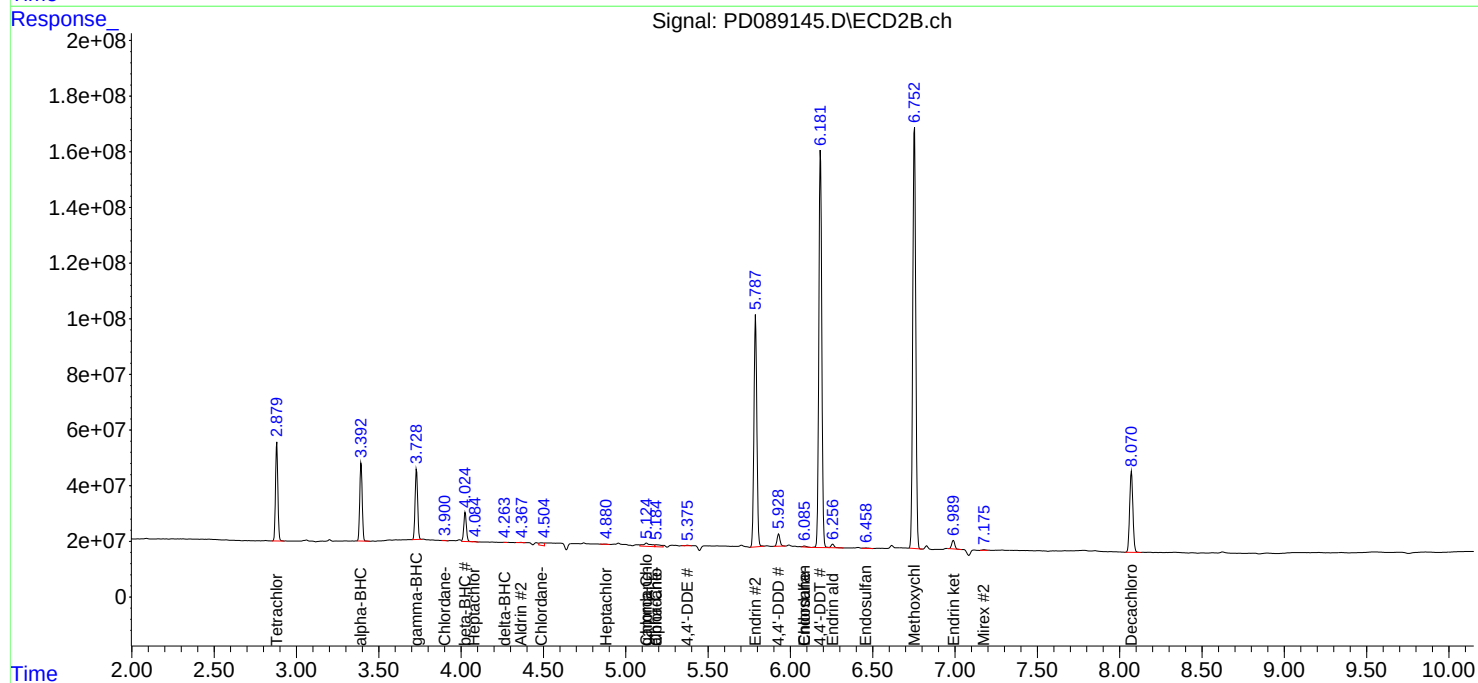
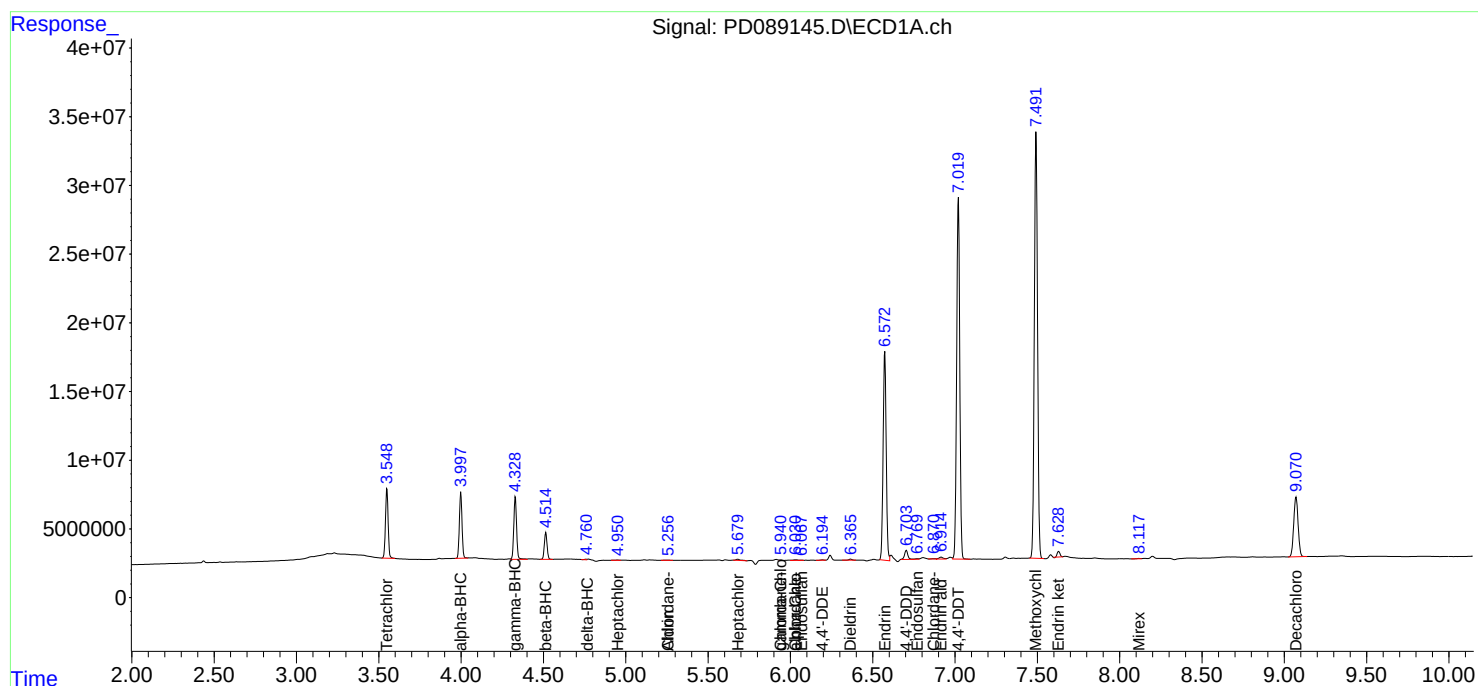
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

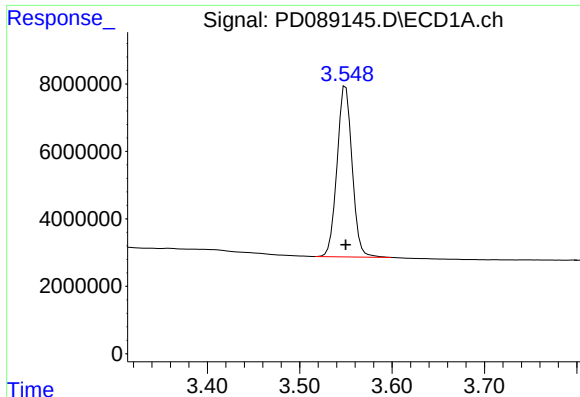
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062525\
Data File : PD089145.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2025 19:02
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 02:14:50 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

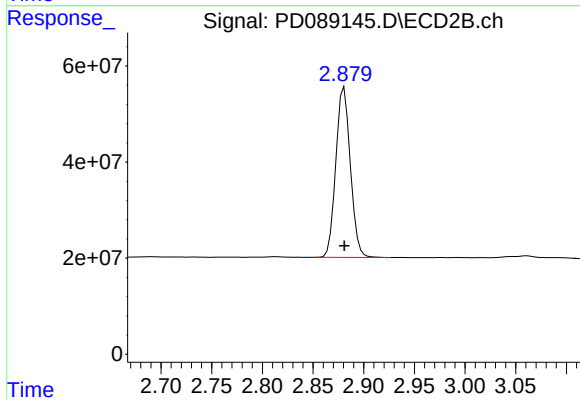




#1 Tetrachloro-m-xylene

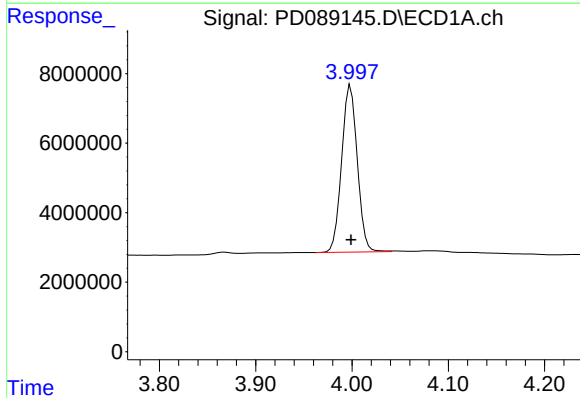
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 57472083
Conc: 20.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



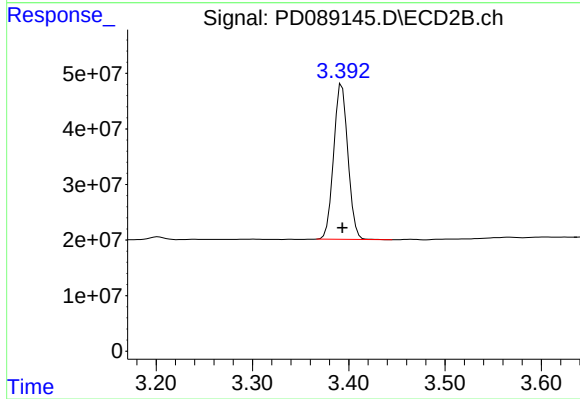
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 354295441
Conc: 20.90 ng/ml



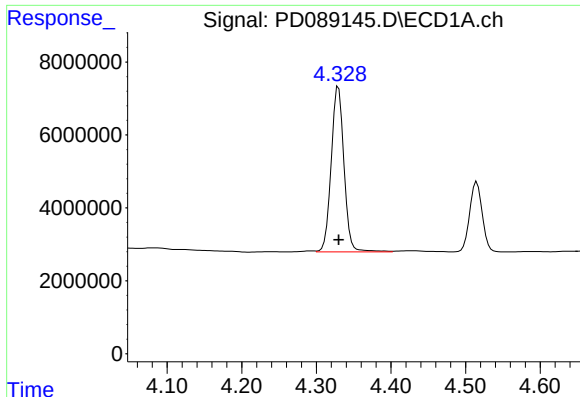
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 53967517
Conc: 9.26 ng/ml



#2 alpha-BHC

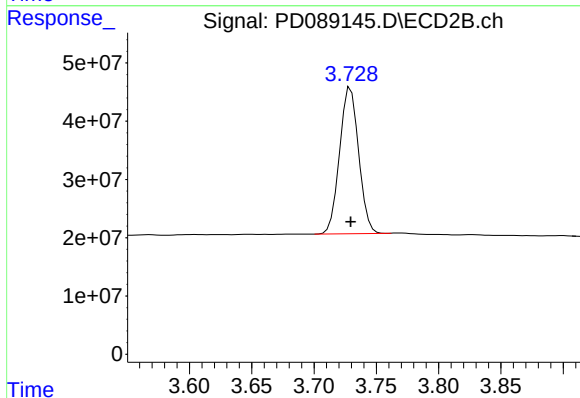
R.T.: 3.393 min
Delta R.T.: 0.000 min
Response: 288589610
Conc: 10.77 ng/ml



#3 gamma-BHC (Lindane)

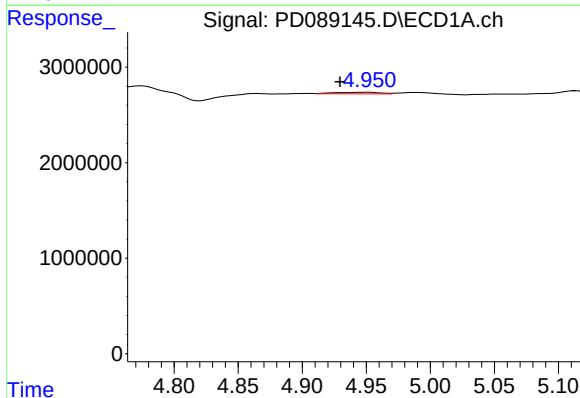
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 54244373
Conc: 9.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



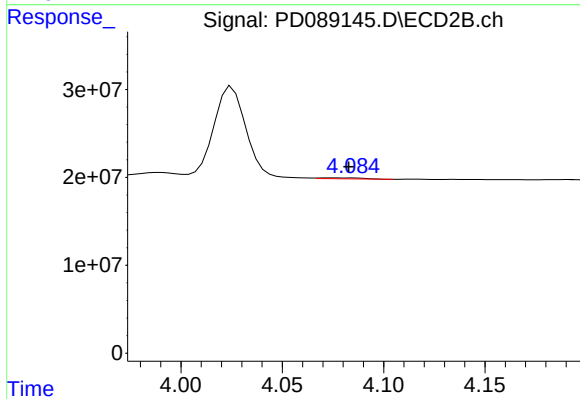
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 268481874
Conc: 10.84 ng/ml



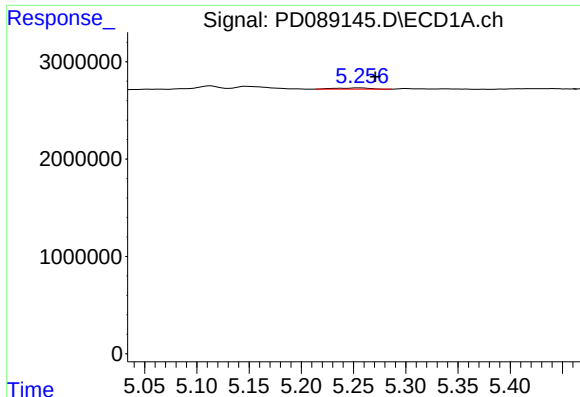
#4 Heptachlor

R.T.: 4.952 min
Delta R.T.: 0.022 min
Response: 403356
Conc: 0.07 ng/ml



#4 Heptachlor

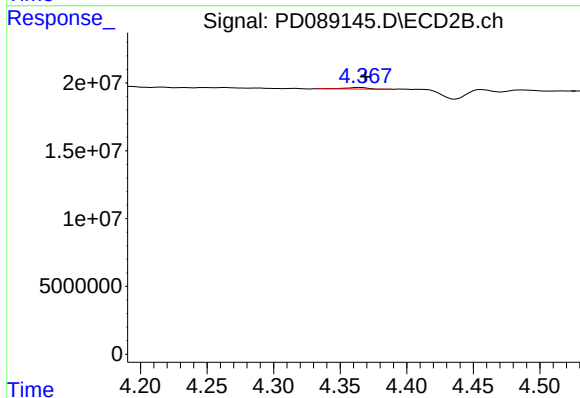
R.T.: 4.078 min
Delta R.T.: -0.005 min
Response: 1554303
Conc: 0.06 ng/ml



#5 Aldrin

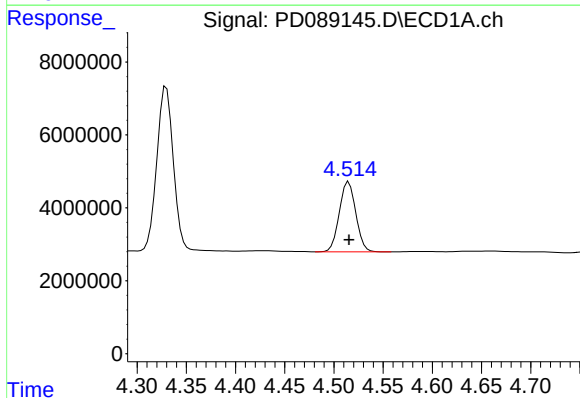
R.T.: 5.257 min
Delta R.T.: -0.014 min
Response: 295557
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



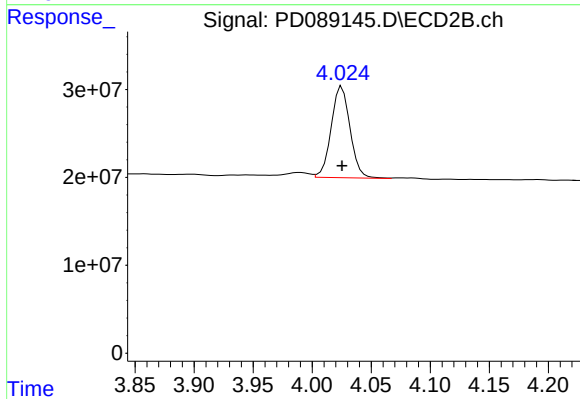
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.004 min
Response: 1422845
Conc: 0.06 ng/ml



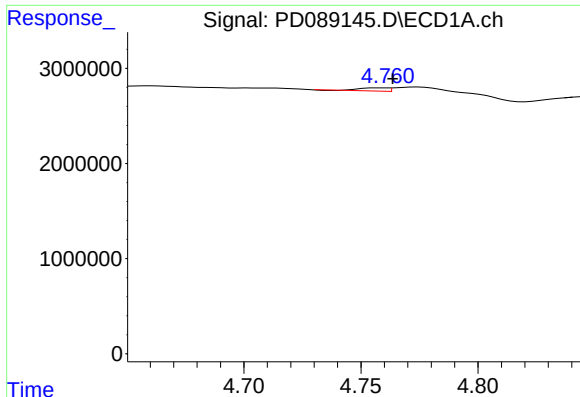
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 22520746
Conc: 10.20 ng/ml



#6 beta-BHC

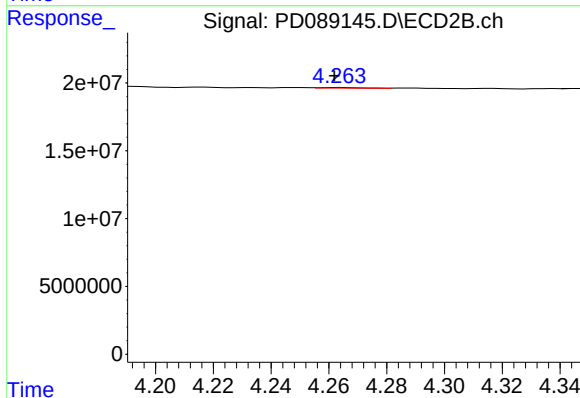
R.T.: 4.025 min
Delta R.T.: 0.000 min
Response: 115856093
Conc: 10.78 ng/ml



#7 delta-BHC

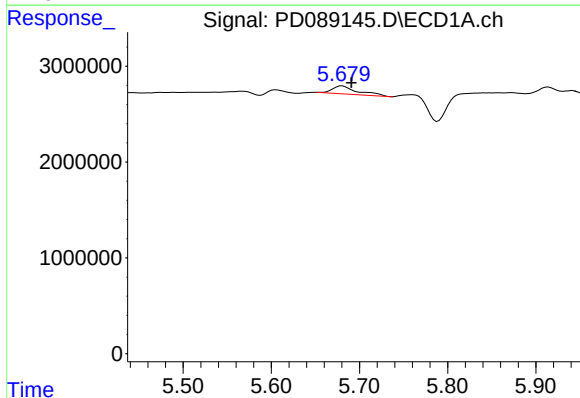
R.T.: 4.758 min
Delta R.T.: -0.005 min
Response: 269475
Conc: 0.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



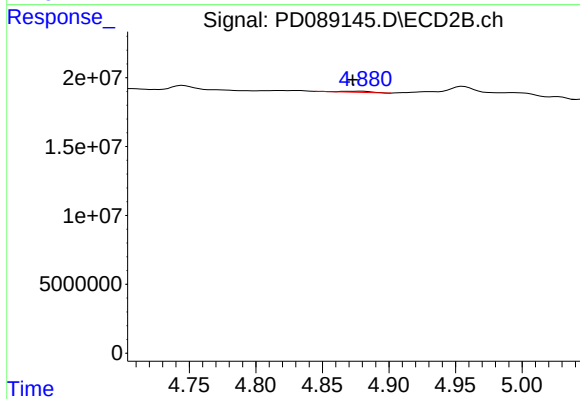
#7 delta-BHC

R.T.: 4.264 min
Delta R.T.: 0.002 min
Response: 435820
Conc: 0.02 ng/ml



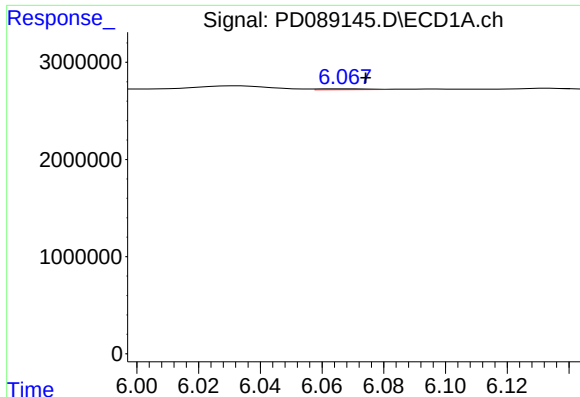
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 1659013
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

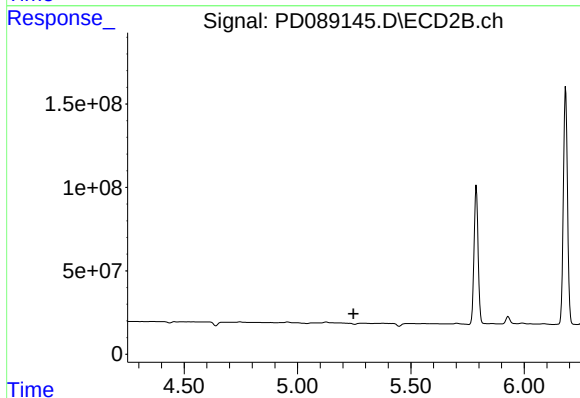
R.T.: 4.880 min
Delta R.T.: 0.007 min
Response: 1285699
Conc: 0.06 ng/ml



#9 Endosulfan I

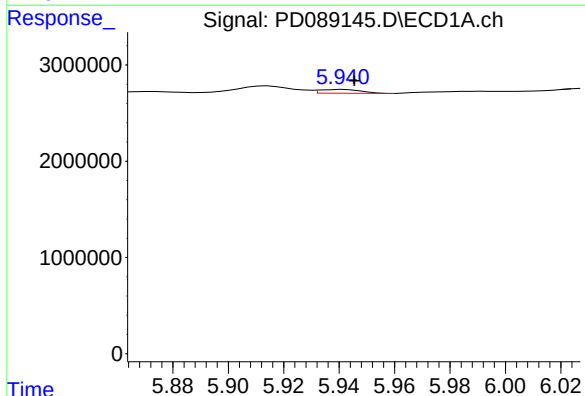
R.T.: 6.068 min
Delta R.T.: -0.006 min
Response: 106131
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



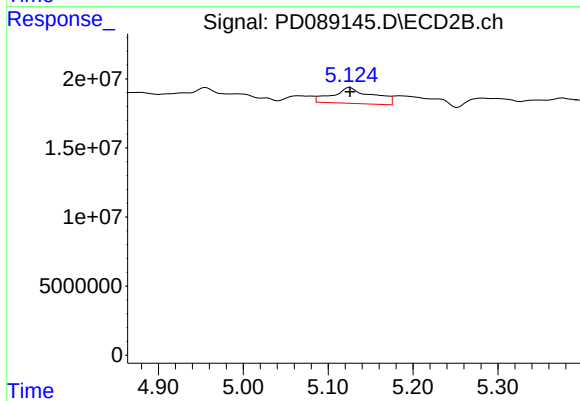
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.247 min
Response: 0
Conc: N.D.



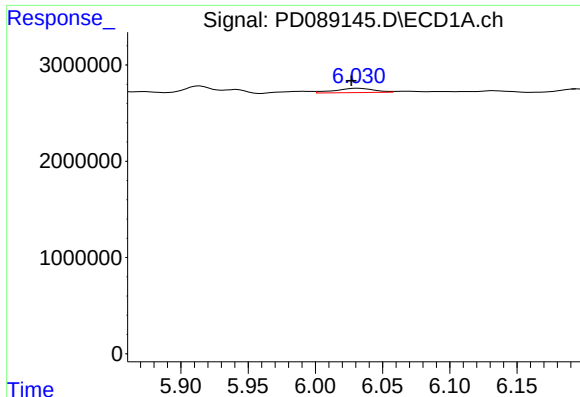
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: -0.004 min
Response: 405538
Conc: 0.08 ng/ml



#10 gamma-Chlordane

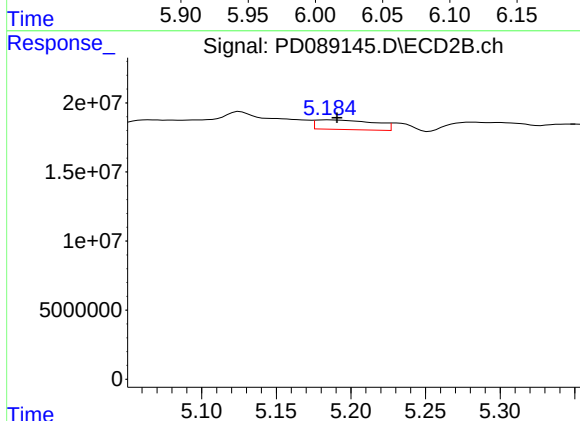
R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 37832526
Conc: 1.58 ng/ml



#11 alpha-Chlordane

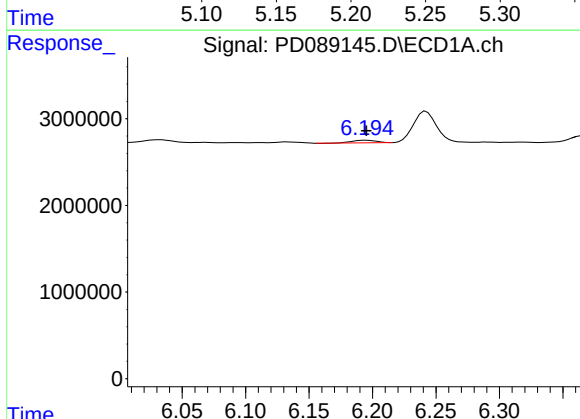
R.T.: 6.032 min
Delta R.T.: 0.005 min
Response: 897089
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



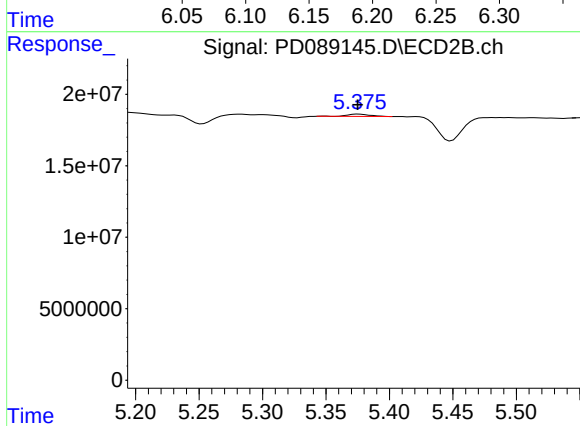
#11 alpha-Chlordane

R.T.: 5.185 min
Delta R.T.: -0.005 min
Response: 19192359
Conc: 0.84 ng/ml



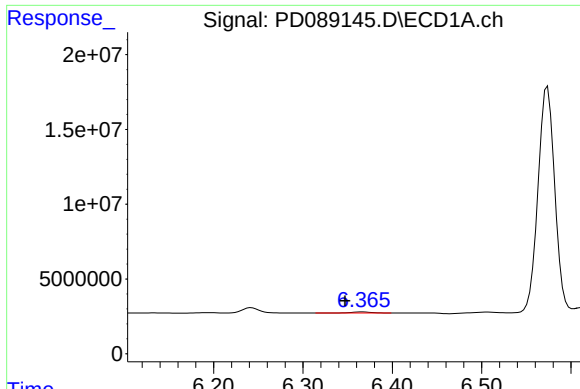
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.000 min
Response: 376251
Conc: 0.09 ng/ml



#12 4,4'-DDE

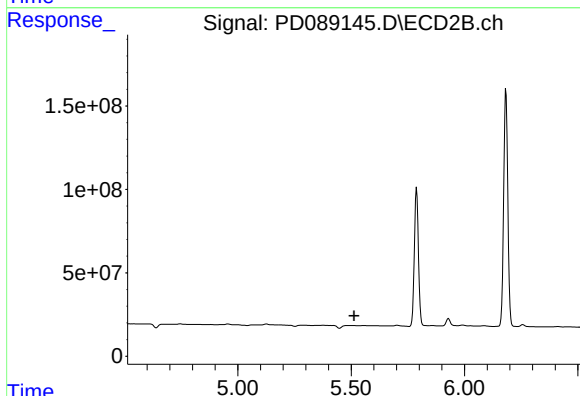
R.T.: 5.376 min
Delta R.T.: 0.000 min
Response: 2016814
Conc: 0.09 ng/ml



#13 Dieldrin

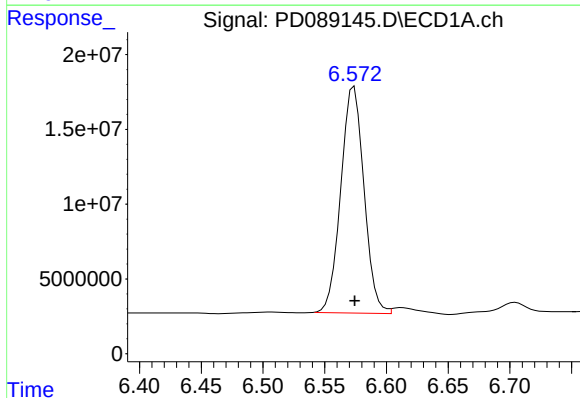
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 970634
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



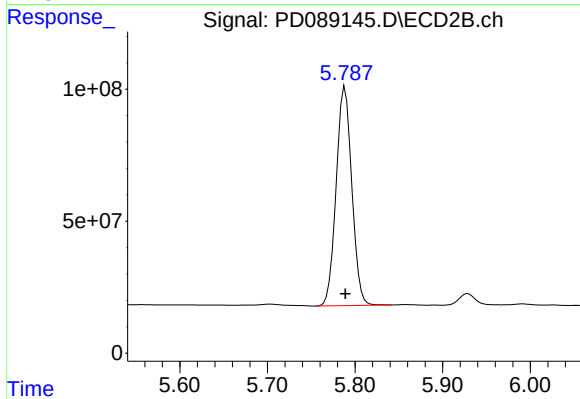
#13 Dieldrin

R.T.: 0.000 min
Exp R.T. : 5.513 min
Response: 0
Conc: N.D.



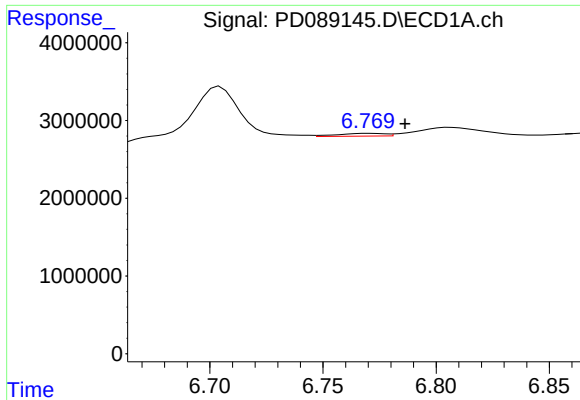
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 197869267
Conc: 47.96 ng/ml



#14 Endrin

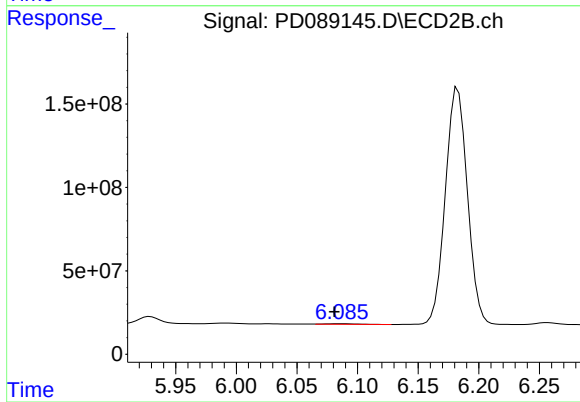
R.T.: 5.789 min
Delta R.T.: 0.000 min
Response: 1029767260
Conc: 47.42 ng/ml



#15 Endosulfan II

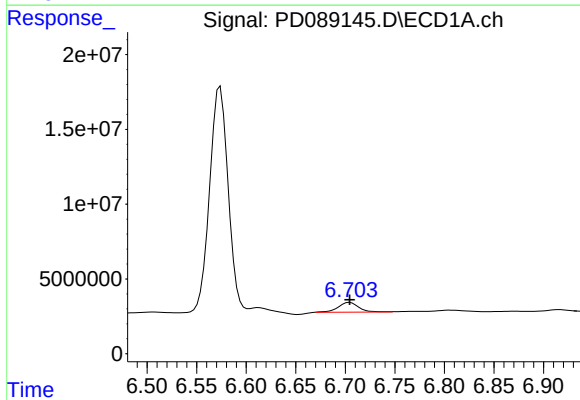
R.T.: 6.770 min
Delta R.T.: -0.016 min
Response: 541274
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



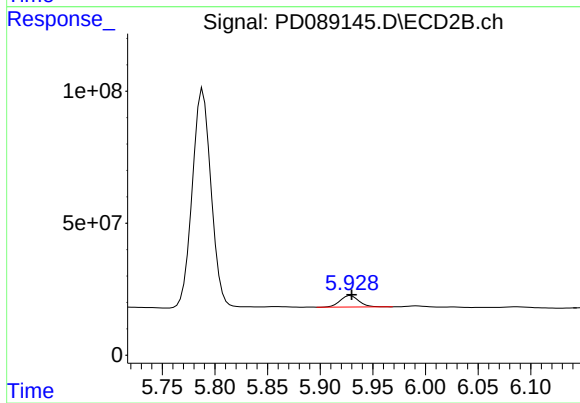
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: 6633086
Conc: 0.33 ng/ml



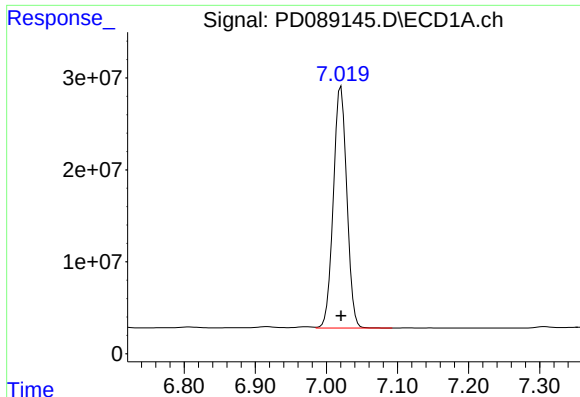
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: 0.000 min
Response: 9330732
Conc: 2.72 ng/ml



#16 4,4'-DDD

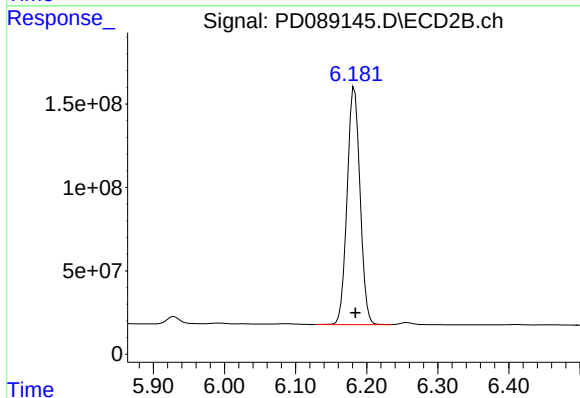
R.T.: 5.929 min
Delta R.T.: 0.000 min
Response: 53976007
Conc: 2.82 ng/ml



#17 4,4'-DDT

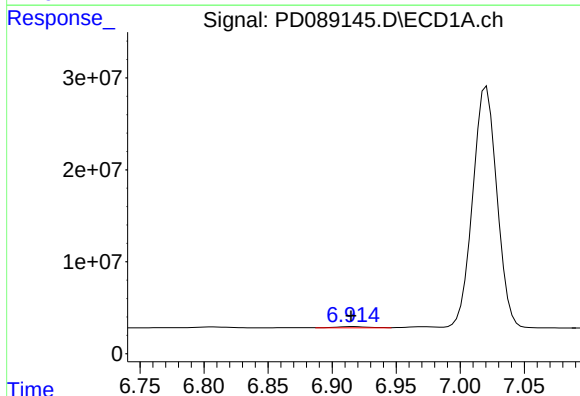
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 345811230
Conc: 91.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



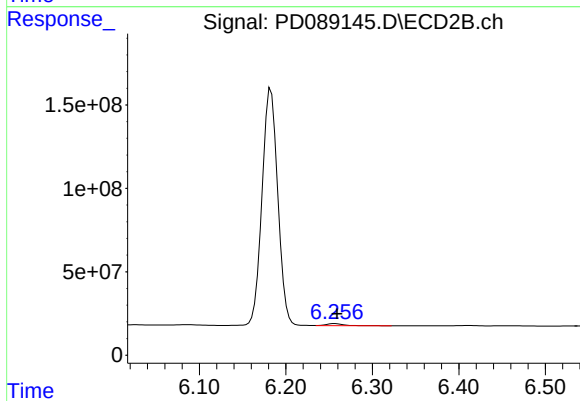
#17 4,4'-DDT

R.T.: 6.183 min
Delta R.T.: -0.001 min
Response: 1801321787
Conc: 88.83 ng/ml



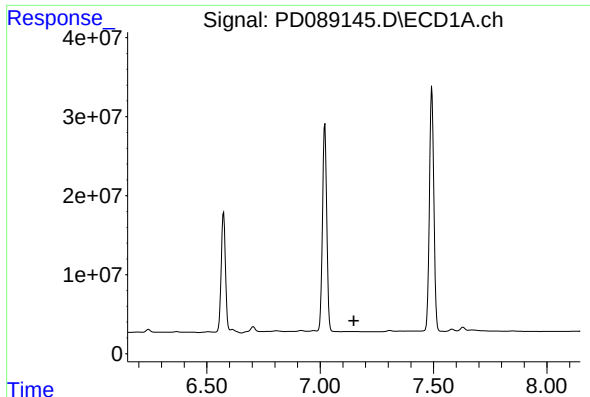
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.000 min
Response: 2455530
Conc: 0.80 ng/ml



#18 Endrin aldehyde

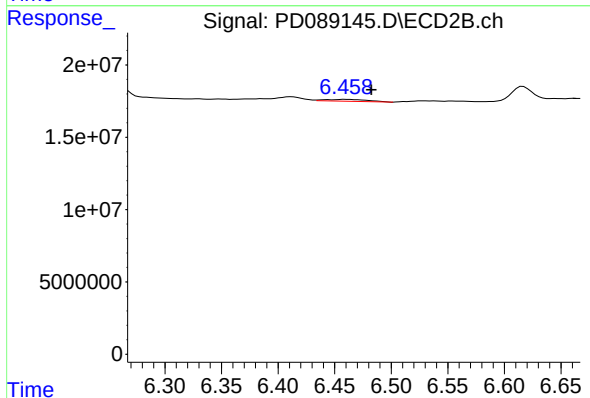
R.T.: 6.257 min
Delta R.T.: -0.002 min
Response: 16630266
Conc: 1.09 ng/ml



#19 Endosulfan Sulfate

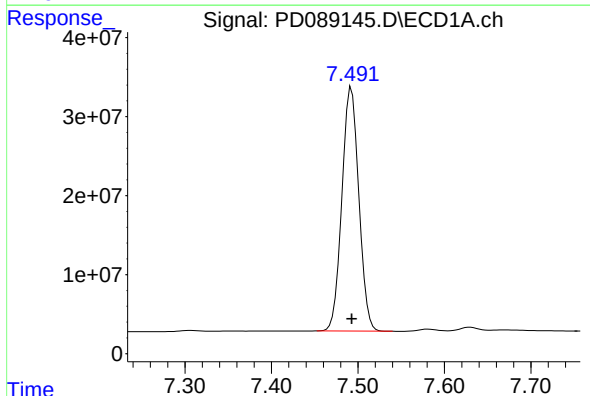
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



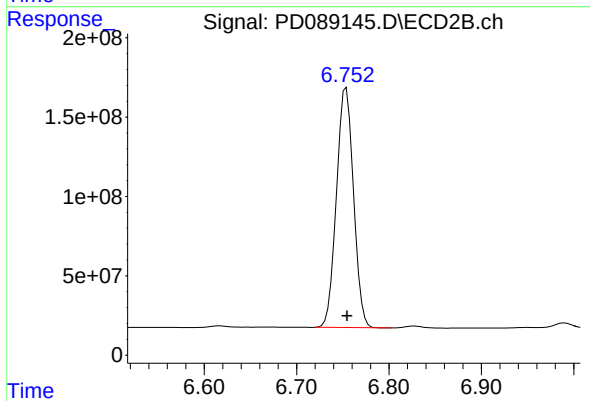
#19 Endosulfan Sulfate

R.T.: 6.459 min
Delta R.T.: -0.023 min
Response: 3258965
Conc: 0.17 ng/ml



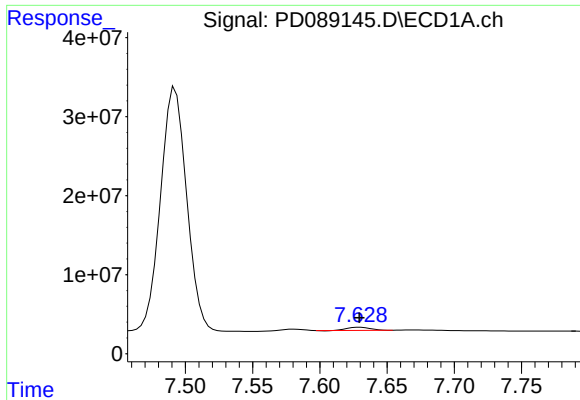
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: 0.000 min
Response: 417124816
Conc: 206.43 ng/ml



#20 Methoxychlor

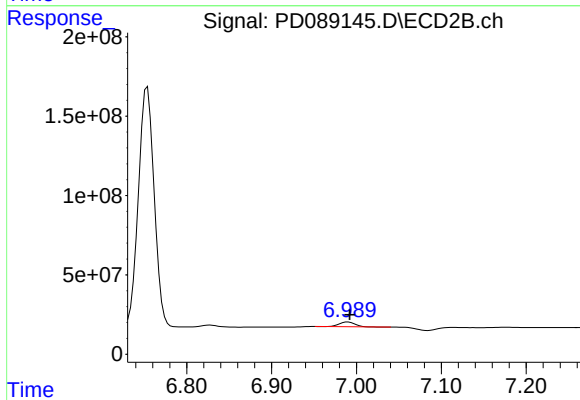
R.T.: 6.754 min
Delta R.T.: 0.000 min
Response: 1940671897
Conc: 180.22 ng/ml



#21 Endrin ketone

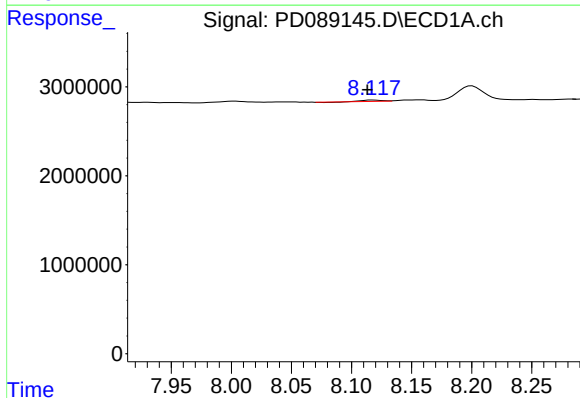
R.T.: 7.630 min
Delta R.T.: 0.000 min
Response: 4593116
Conc: 1.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



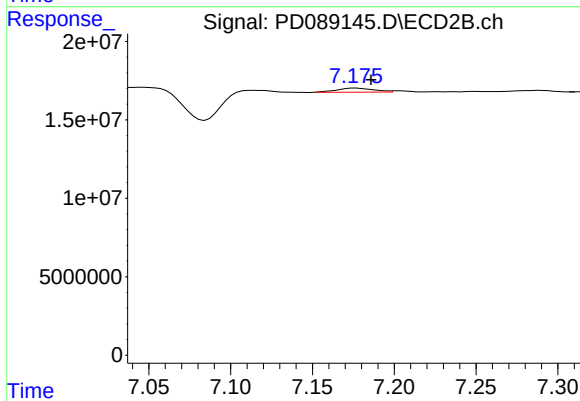
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 39644278
Conc: 1.84 ng/ml



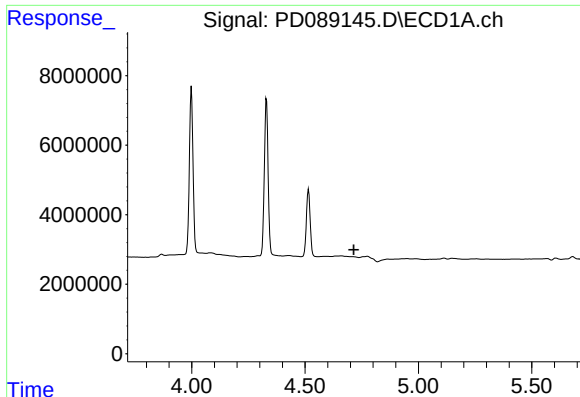
#22 Mirex

R.T.: 8.118 min
Delta R.T.: 0.005 min
Response: 153811
Conc: 0.05 ng/ml



#22 Mirex

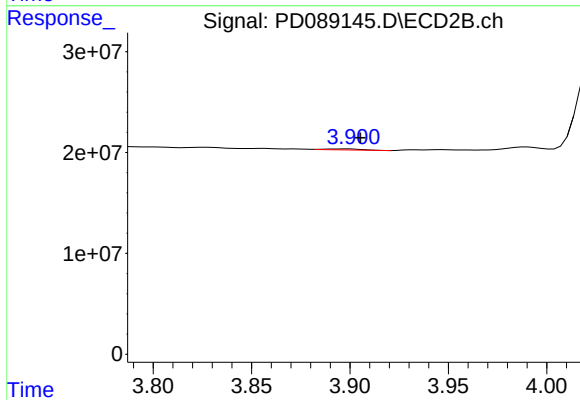
R.T.: 7.176 min
Delta R.T.: -0.009 min
Response: 4065216
Conc: 0.24 ng/ml



#23 Chlordane-1

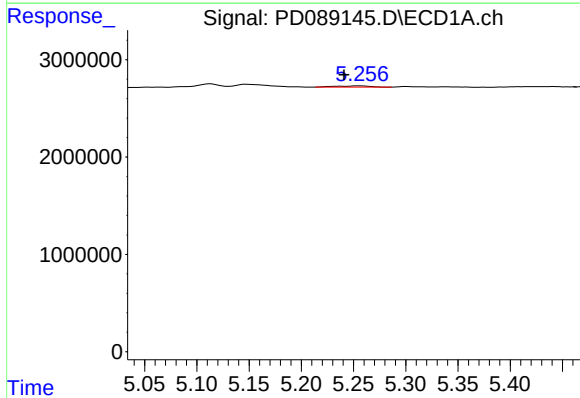
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



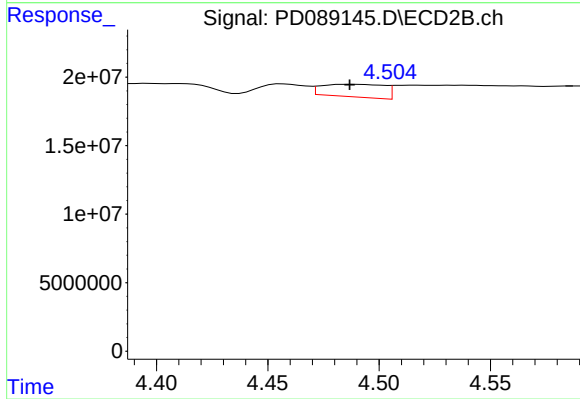
#23 Chlordane-1

R.T.: 3.900 min
Delta R.T.: -0.006 min
Response: 1275454
Conc: 1.37 ng/ml



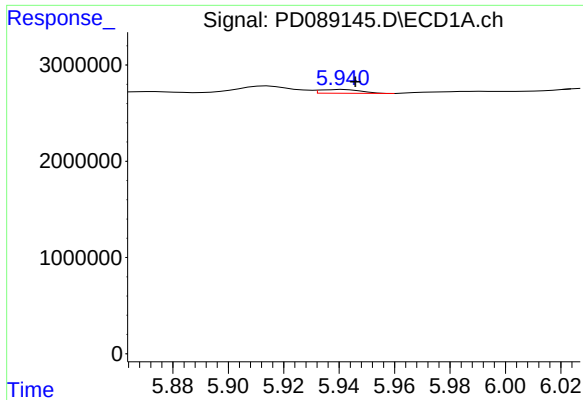
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: 0.016 min
Response: 295557
Conc: 1.35 ng/ml



#24 Chlordane-2

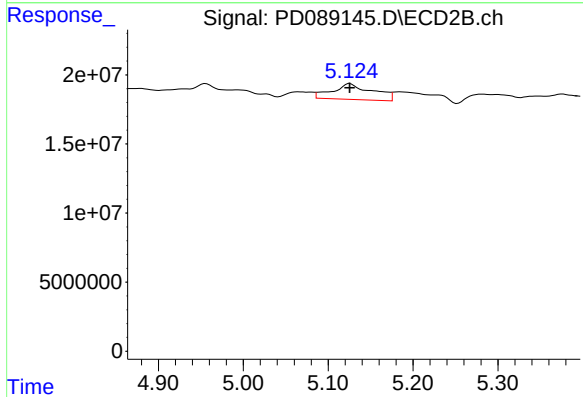
R.T.: 4.488 min
Delta R.T.: 0.000 min
Response: 17970301
Conc: 18.88 ng/ml



#25 Chlordane-3

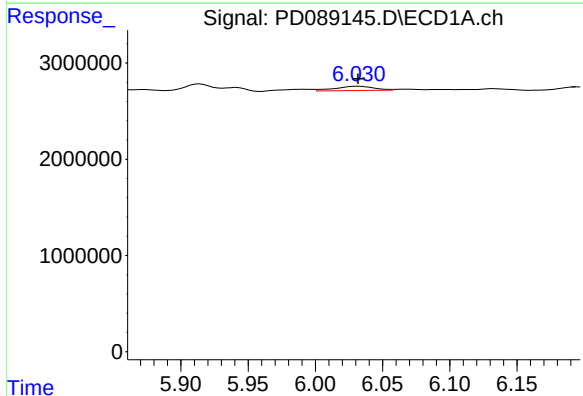
R.T.: 5.941 min
Delta R.T.: -0.005 min
Response: 405538
Conc: 0.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



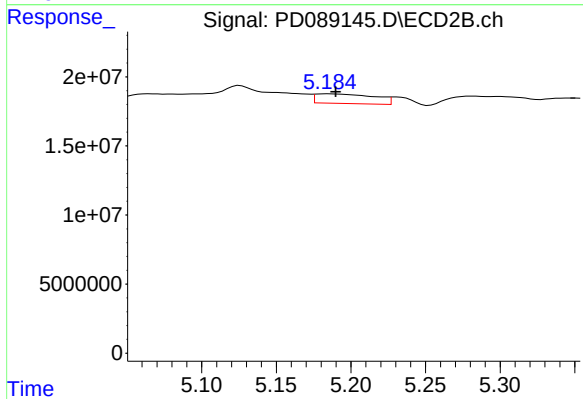
#25 Chlordane-3

R.T.: 5.126 min
Delta R.T.: 0.000 min
Response: 37832526
Conc: 12.74 ng/ml



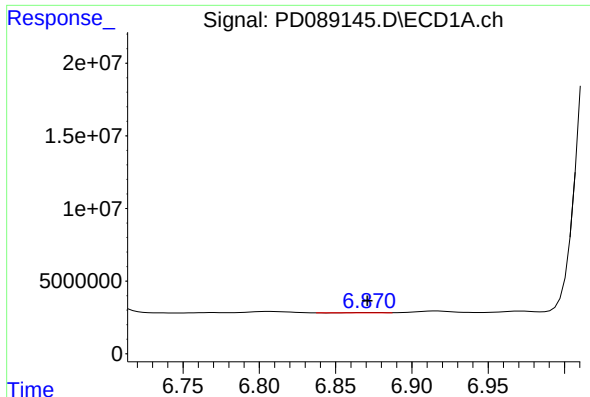
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 897089
Conc: 0.85 ng/ml



#26 Chlordane-4

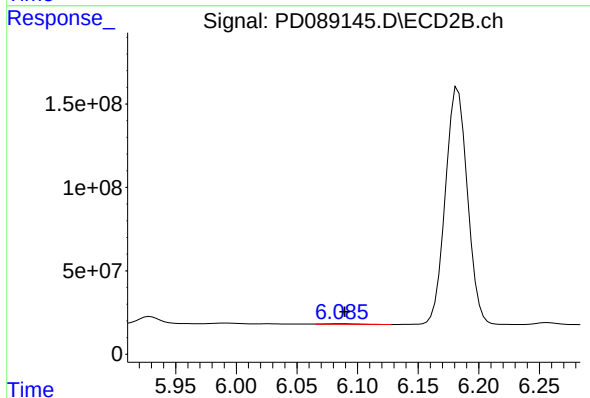
R.T.: 5.185 min
Delta R.T.: -0.005 min
Response: 19192359
Conc: 7.66 ng/ml



#27 Chlordane-5

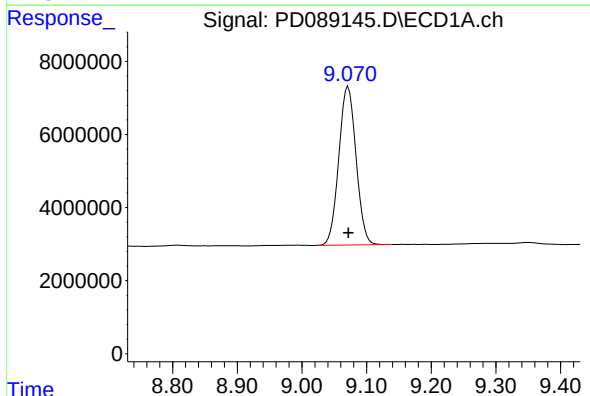
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 340713
Conc: 1.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



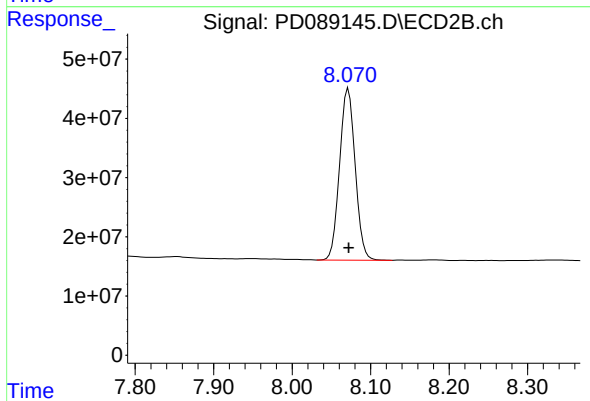
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.003 min
Response: 6633086
Conc: 5.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 80339028
Conc: 20.45 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.072 min
Delta R.T.: 0.000 min
Response: 400980186
Conc: 20.28 ng/ml