

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062725\
 Data File : PD089175.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Jun 2025 03:11
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 28 05:34:45 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	61547888	378.8E6	21.572	22.344
28)	SA Decachlor...	9.072	8.071	78160521	365.6E6	19.900	18.492
Target Compounds							
2)	A alpha-BHC	3.999	3.392	57939269	307.3E6	9.940	11.469
3)	MA gamma-BHC...	4.330	3.729	57987105	285.9E6	10.389	11.547
4)	MA Heptachlor	4.953f	4.081	681005	1912581	0.125	0.076 #
5)	MB Aldrin	5.259	4.364	235105	1181077	0.044	0.049
6)	B beta-BHC	4.516	4.024	24229573	116.9E6	10.978	10.876
7)	B delta-BHC	4.776	4.255	1692156	567889	0.330	0.023 #
8)	B Heptachlo...	5.681	4.874	2443900	3390581	0.507	0.155 #
9)	A Endosulfan I	6.075	5.227f	80078	20640928	0.018	0.990 #
10)	B gamma-Chl...	5.942	5.125	613032	102.1E6	0.128	4.269 #
11)	B alpha-Chl...	6.031	5.188	1029021	45206897	0.213	1.974 #
12)	B 4,4'-DDE	6.193	5.374	425275	4647837	0.098	0.203 #
13)	MA Dieldrin	6.366f	5.506	1581743	3851547	0.330	0.166 #
14)	MA Endrin	6.574	5.788	207.7E6	1088.2E6	50.345	50.115
15)	B Endosulfa...	6.773	6.086	1365525	10166774	0.338	0.503 #
16)	A 4,4'-DDD	6.705	5.928	14922969	69357535	4.348	3.626
17)	MA 4,4'-DDT	7.021	6.182	343.0E6	1793.2E6	90.557	88.424
18)	B Endrin al...	6.916	6.257	2136533	16413848	0.697	1.072 #
19)	B Endosulfa...	0.000	6.459f	0	5465269	N.D.	0.279 #
20)	A Methoxychlor	7.493	6.753	409.7E6	1853.3E6	202.747	172.114
21)	B Endrin ke...	7.629	6.990	4841978	37802725	1.189	1.750 #
22)	Mirex	8.113	7.176	176706	4059707	0.058	0.243 #
23)	Chlordane-1	0.000	3.896	0	2654902	N.D.	2.848 #
24)	Chlordane-2	5.245	4.489	331974	47561934	1.521	49.980 #
25)	Chlordane-3	5.942	5.125	613032	102.1E6	0.711	34.387 #
26)	Chlordane-4	6.031	5.188	1029021	45206897	0.979	18.034 #
27)	Chlordane-5	6.869	6.086	403999	10166774	2.211	8.984 #

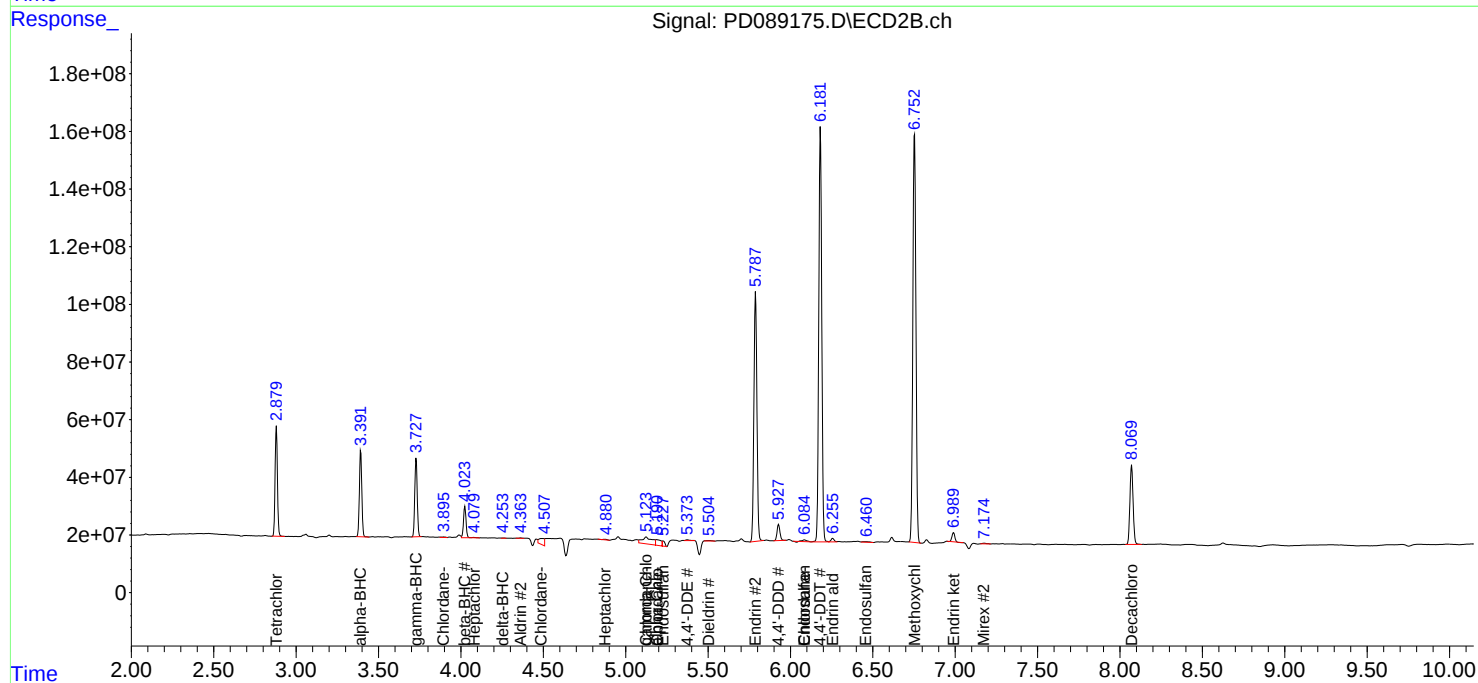
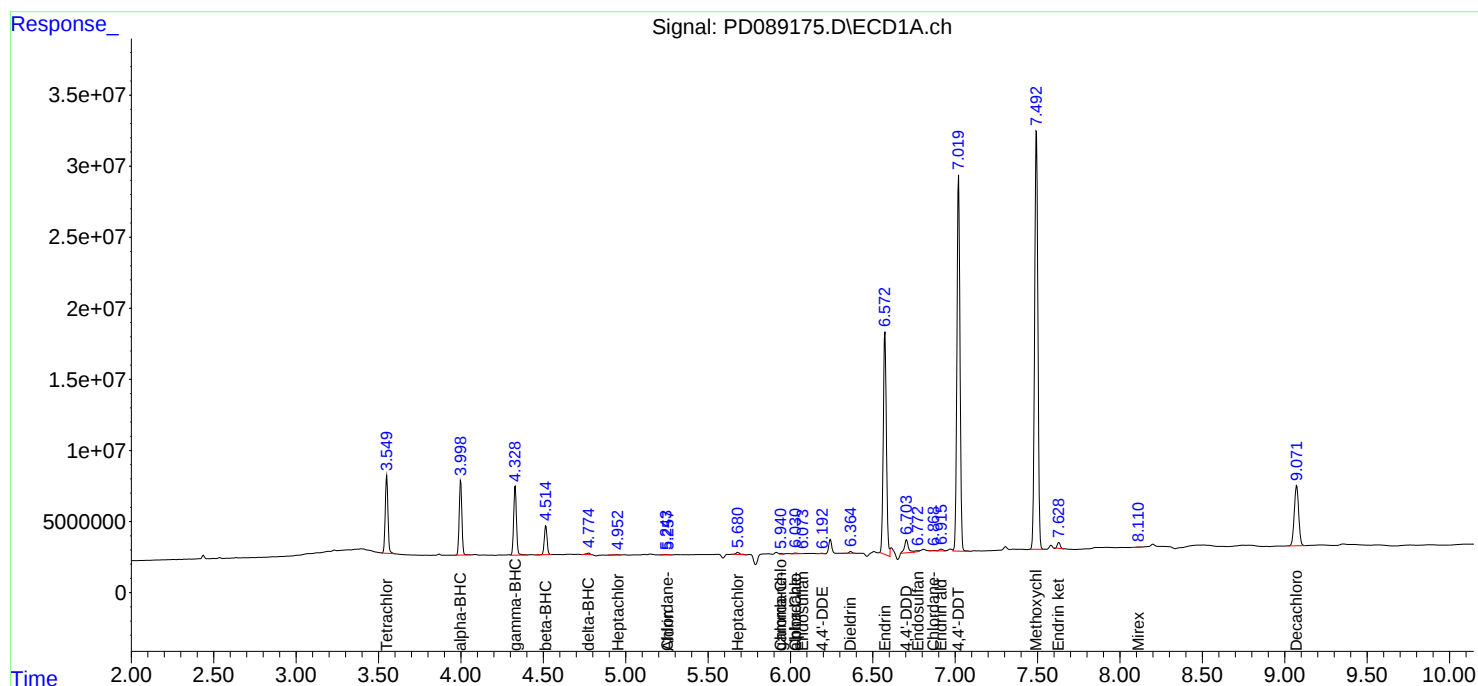
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

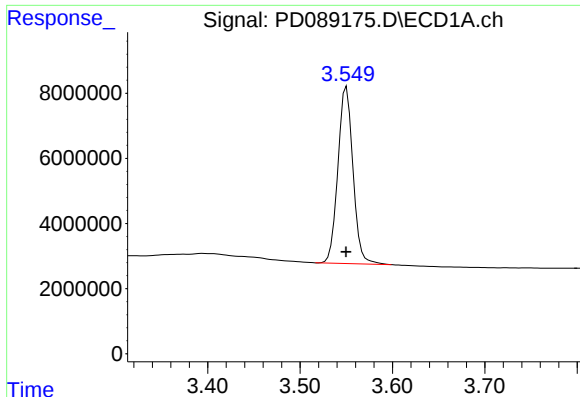
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062725\
Data File : PD089175.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 27 Jun 2025 03:11
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 28 05:34:45 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

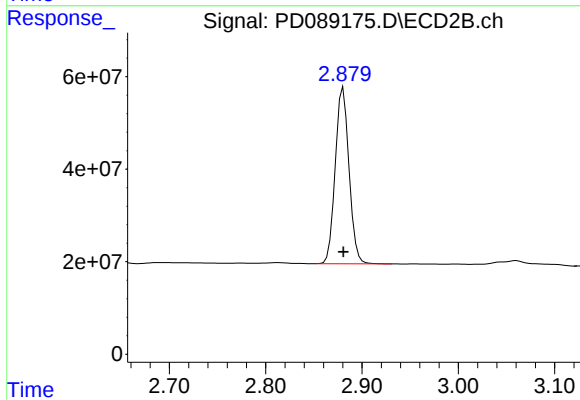




#1 Tetrachloro-m-xylene

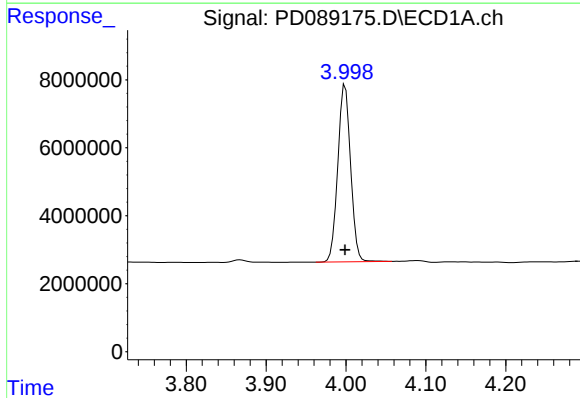
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 61547888
Conc: 21.57 ng/ml

Instrument :
ECD_D
ClientSampleId :



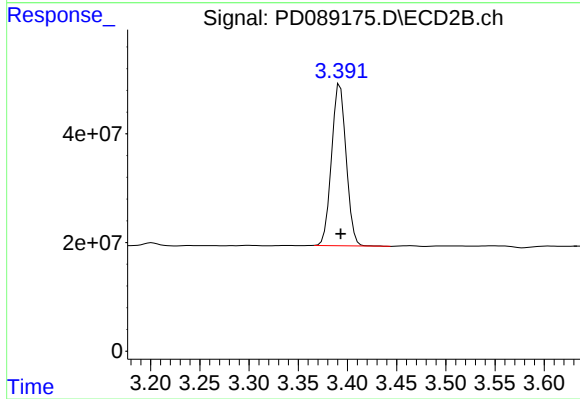
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 378803931
Conc: 22.34 ng/ml



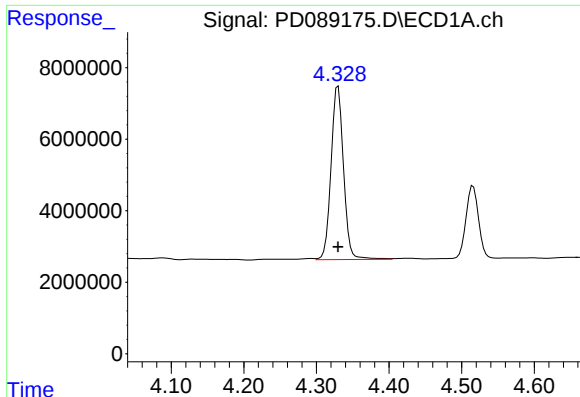
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: 0.000 min
Response: 57939269
Conc: 9.94 ng/ml



#2 alpha-BHC

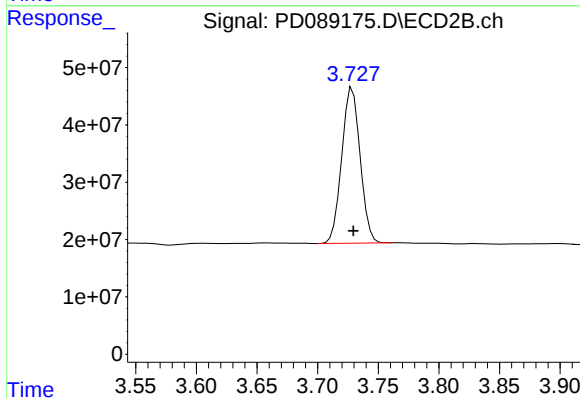
R.T.: 3.392 min
Delta R.T.: 0.000 min
Response: 307328295
Conc: 11.47 ng/ml



#3 gamma-BHC (Lindane)

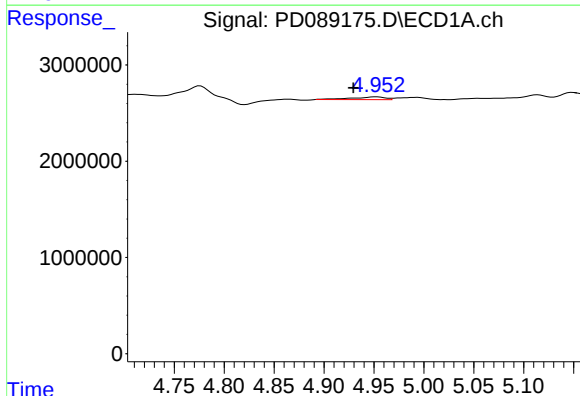
R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 57987105
Conc: 10.39 ng/ml

Instrument :
ECD_D
ClientSampleId :



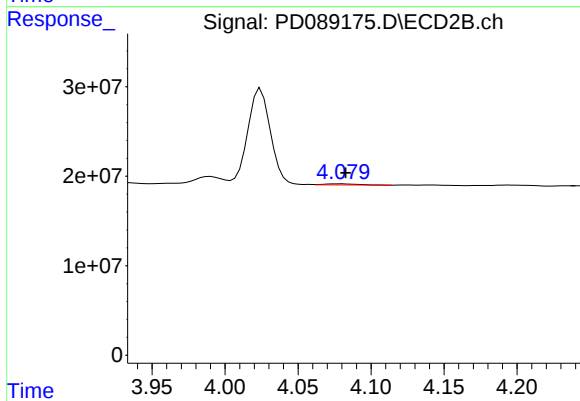
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: 0.000 min
Response: 285874519
Conc: 11.55 ng/ml



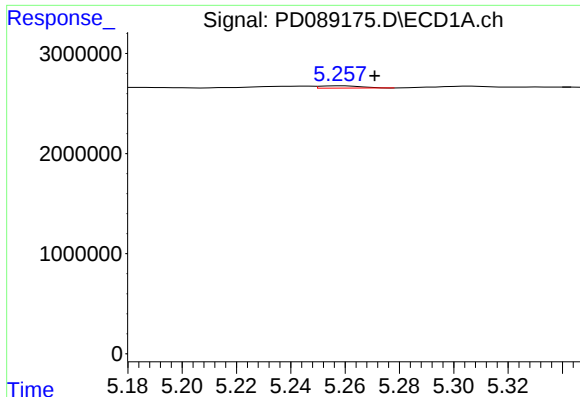
#4 Heptachlor

R.T.: 4.953 min
Delta R.T.: 0.023 min
Response: 681005
Conc: 0.12 ng/ml



#4 Heptachlor

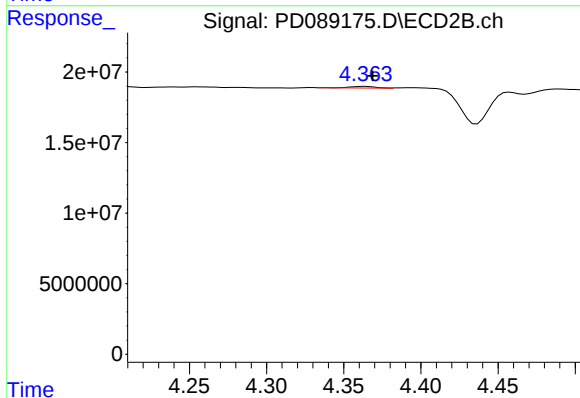
R.T.: 4.081 min
Delta R.T.: -0.002 min
Response: 1912581
Conc: 0.08 ng/ml



#5 Aldrin

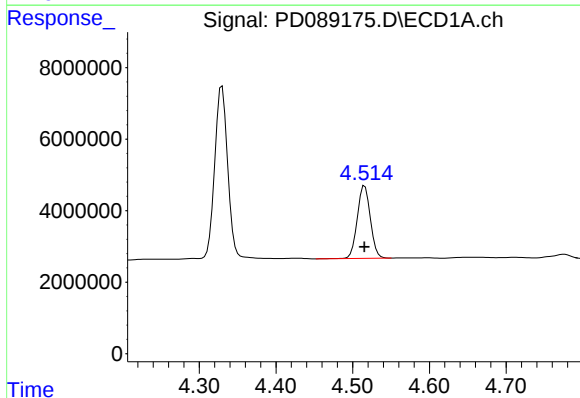
R.T.: 5.259 min
Delta R.T.: -0.012 min
Response: 235105
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :



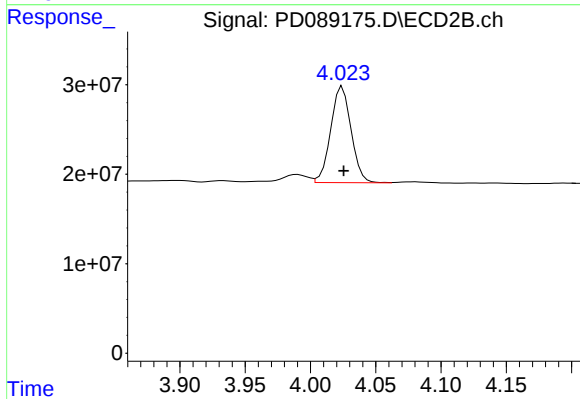
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.005 min
Response: 1181077
Conc: 0.05 ng/ml



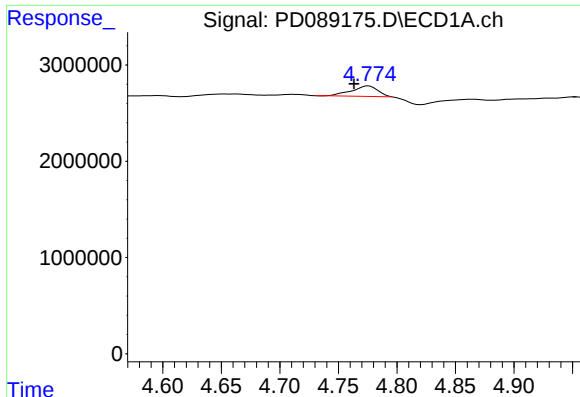
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 24229573
Conc: 10.98 ng/ml



#6 beta-BHC

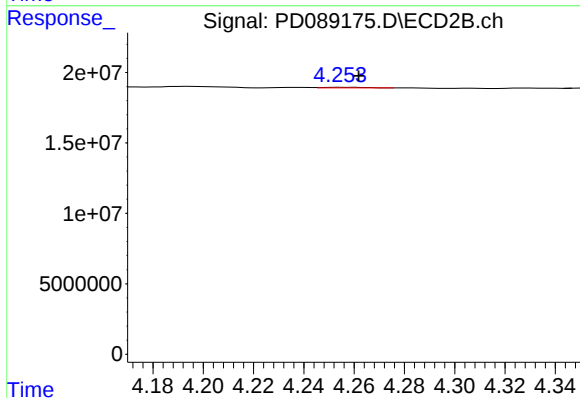
R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 116879443
Conc: 10.88 ng/ml



#7 delta-BHC

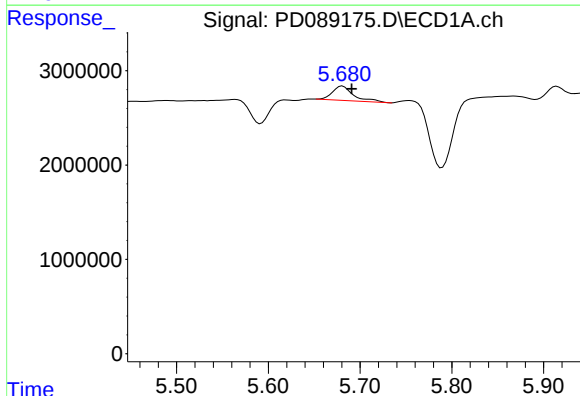
R.T.: 4.776 min
Delta R.T.: 0.012 min
Response: 1692156
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



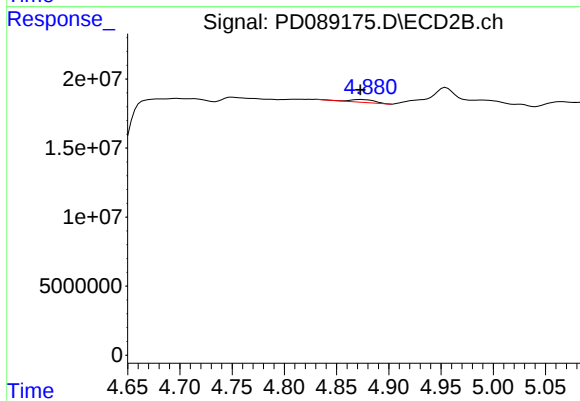
#7 delta-BHC

R.T.: 4.255 min
Delta R.T.: -0.007 min
Response: 567889
Conc: 0.02 ng/ml



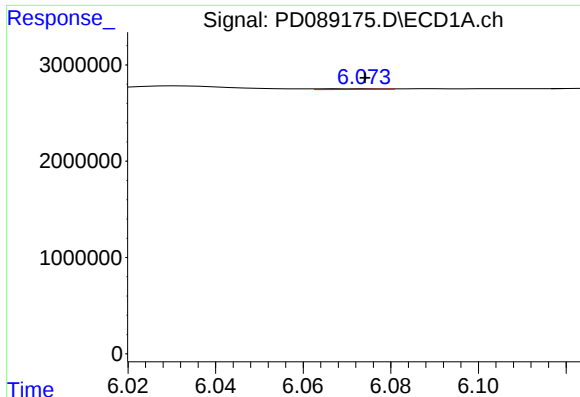
#8 Heptachlor epoxide

R.T.: 5.681 min
Delta R.T.: -0.010 min
Response: 2443900
Conc: 0.51 ng/ml



#8 Heptachlor epoxide

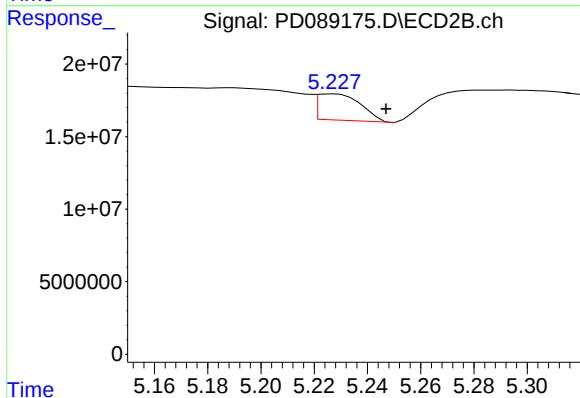
R.T.: 4.874 min
Delta R.T.: 0.000 min
Response: 3390581
Conc: 0.15 ng/ml



#9 Endosulfan I

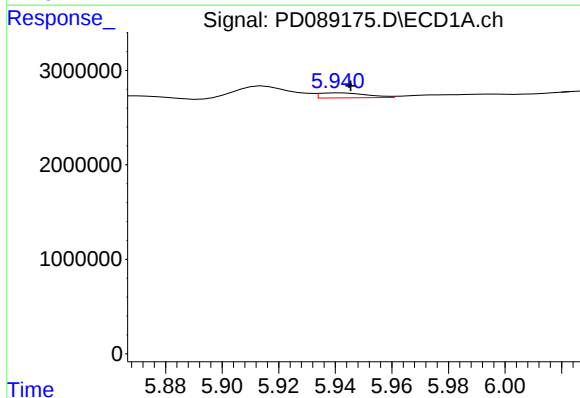
R.T.: 6.075 min
Delta R.T.: 0.000 min
Response: 80078
Conc: 0.02 ng/ml

Instrument :
ECD_D
ClientSampleId :



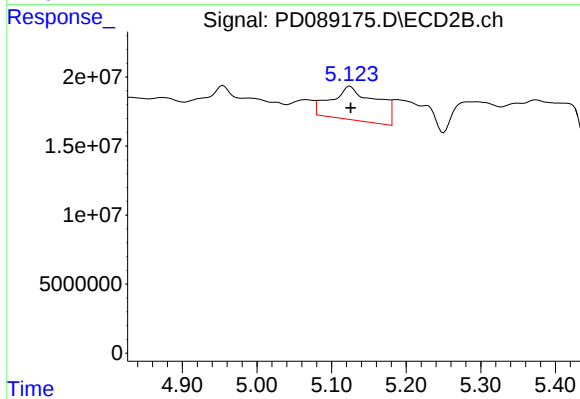
#9 Endosulfan I

R.T.: 5.227 min
Delta R.T.: -0.020 min
Response: 20640928
Conc: 0.99 ng/ml



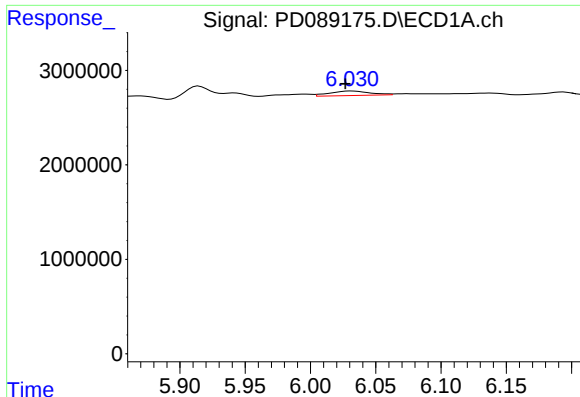
#10 gamma-Chlordane

R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 613032
Conc: 0.13 ng/ml



#10 gamma-Chlordane

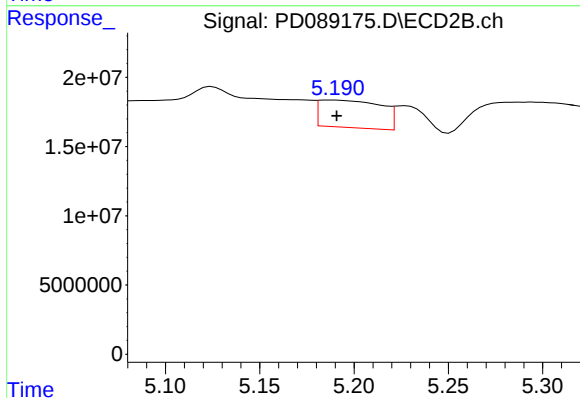
R.T.: 5.125 min
Delta R.T.: -0.001 min
Response: 102137016
Conc: 4.27 ng/ml



#11 alpha-Chlordane

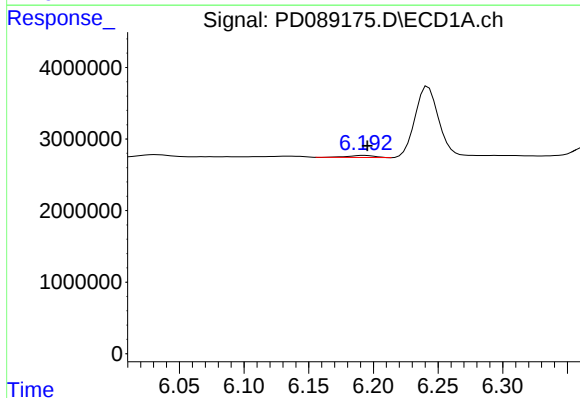
R.T.: 6.031 min
Delta R.T.: 0.004 min
Response: 1029021
Conc: 0.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



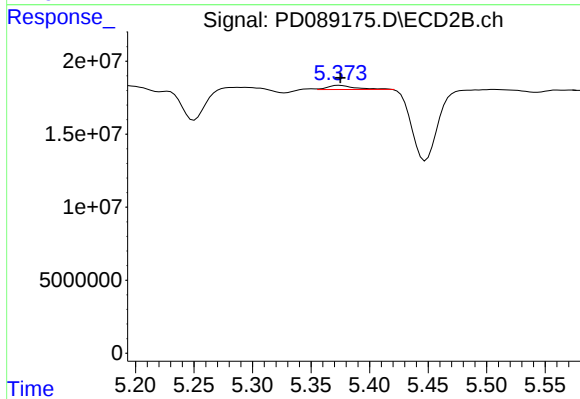
#11 alpha-Chlordane

R.T.: 5.188 min
Delta R.T.: -0.002 min
Response: 45206897
Conc: 1.97 ng/ml



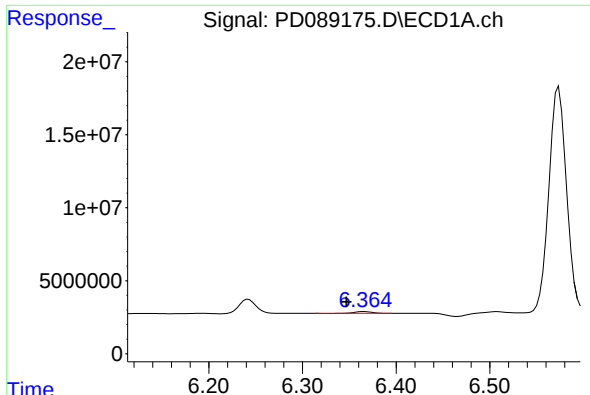
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: -0.002 min
Response: 425275
Conc: 0.10 ng/ml



#12 4,4'-DDE

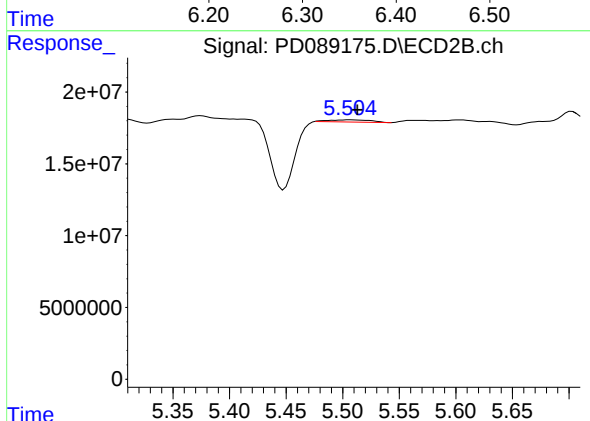
R.T.: 5.374 min
Delta R.T.: 0.000 min
Response: 4647837
Conc: 0.20 ng/ml



#13 Dieldrin

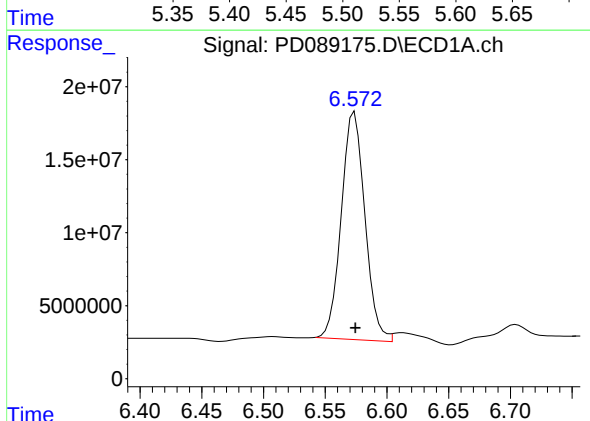
R.T.: 6.366 min
Delta R.T.: 0.019 min
Response: 1581743
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :



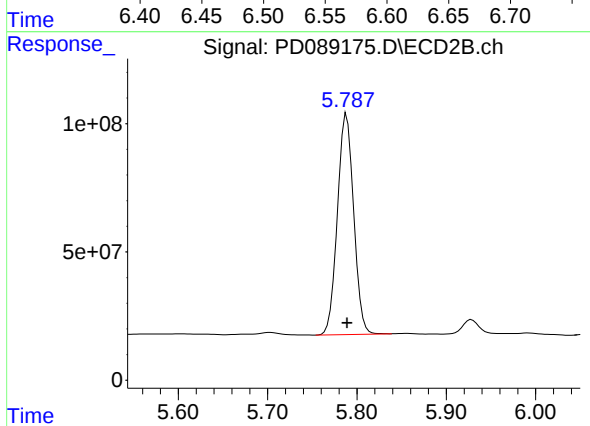
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.007 min
Response: 3851547
Conc: 0.17 ng/ml



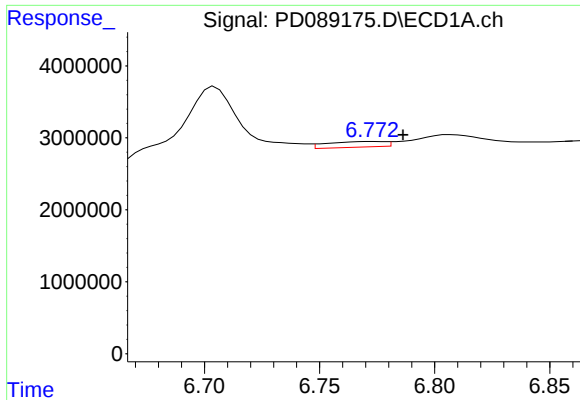
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.000 min
Response: 207701774
Conc: 50.34 ng/ml



#14 Endrin

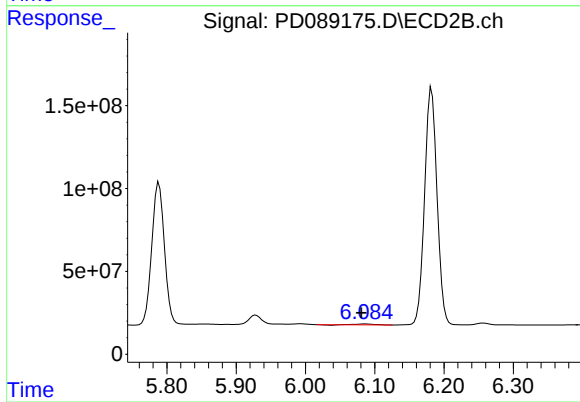
R.T.: 5.788 min
Delta R.T.: 0.000 min
Response: 1088198402
Conc: 50.12 ng/ml



#15 Endosulfan II

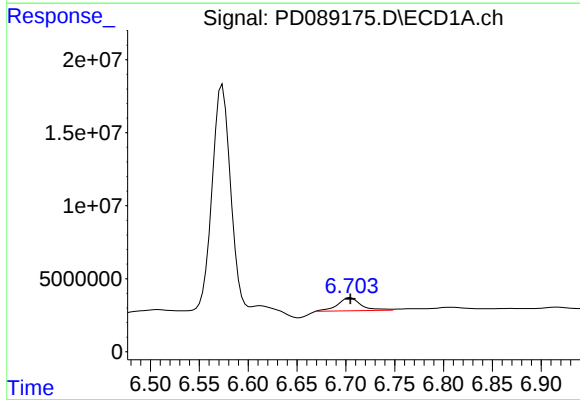
R.T.: 6.773 min
Delta R.T.: -0.013 min
Response: 1365525
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :



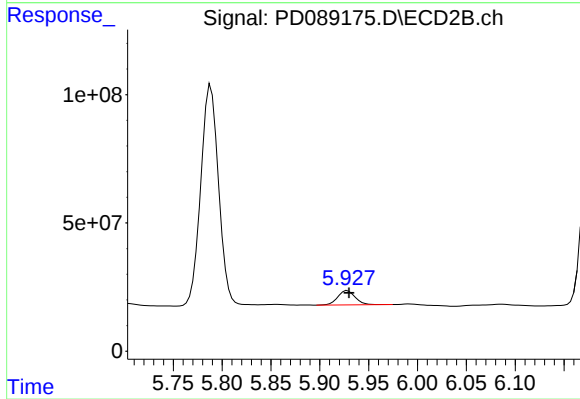
#15 Endosulfan II

R.T.: 6.086 min
Delta R.T.: 0.005 min
Response: 10166774
Conc: 0.50 ng/ml



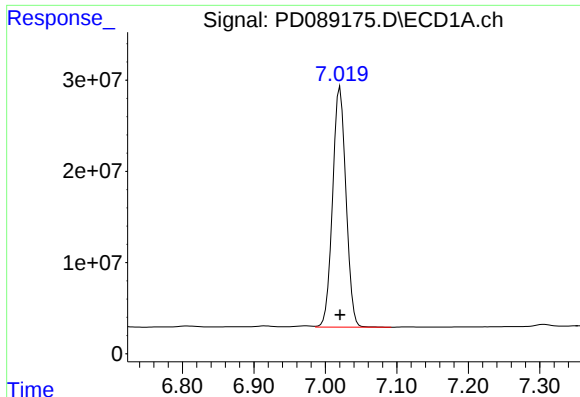
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 14922969
Conc: 4.35 ng/ml



#16 4,4'-DDD

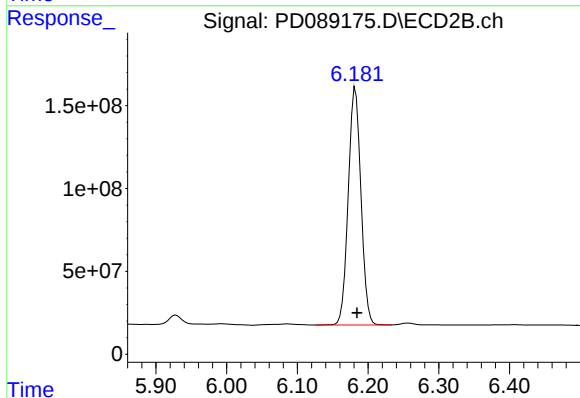
R.T.: 5.928 min
Delta R.T.: -0.002 min
Response: 69357535
Conc: 3.63 ng/ml



#17 4,4'-DDT

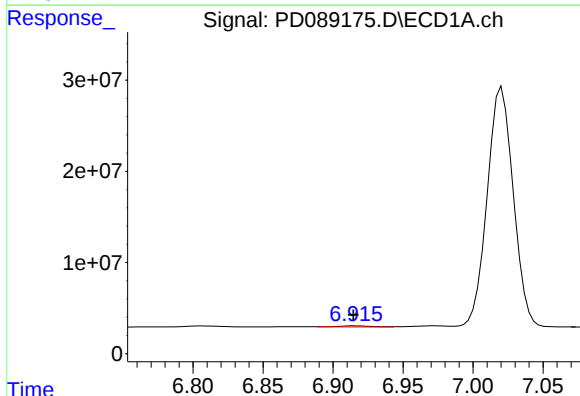
R.T.: 7.021 min
Delta R.T.: 0.000 min
Response: 343048451
Conc: 90.56 ng/ml

Instrument :
ECD_D
ClientSampleId :



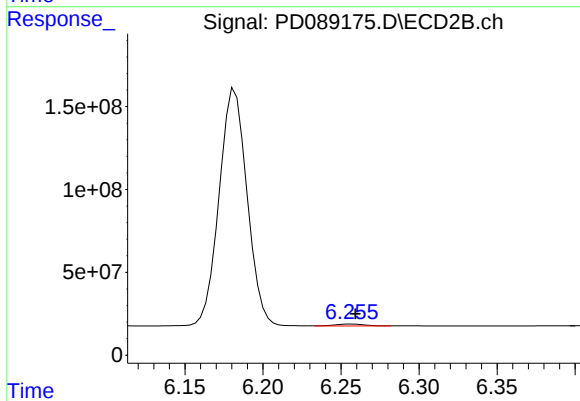
#17 4,4'-DDT

R.T.: 6.182 min
Delta R.T.: -0.002 min
Response: 1793176754
Conc: 88.42 ng/ml



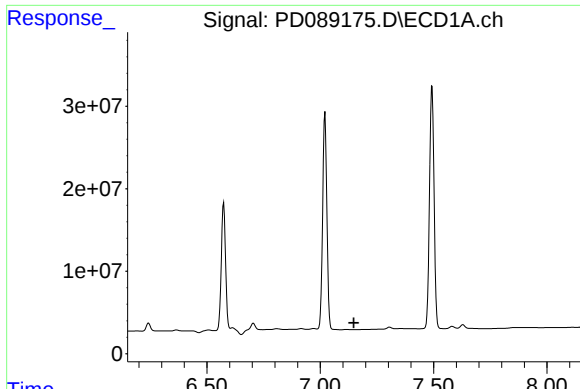
#18 Endrin aldehyde

R.T.: 6.916 min
Delta R.T.: 0.001 min
Response: 2136533
Conc: 0.70 ng/ml



#18 Endrin aldehyde

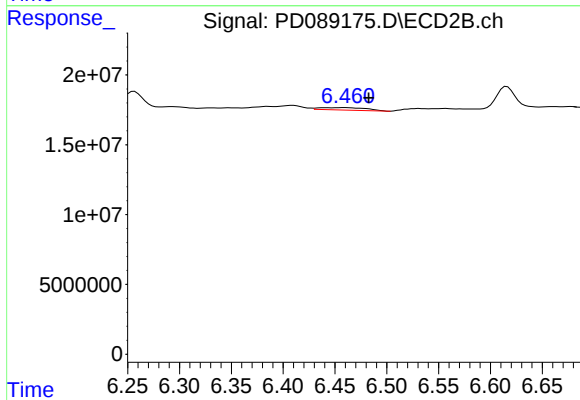
R.T.: 6.257 min
Delta R.T.: -0.003 min
Response: 16413848
Conc: 1.07 ng/ml



#19 Endosulfan Sulfate

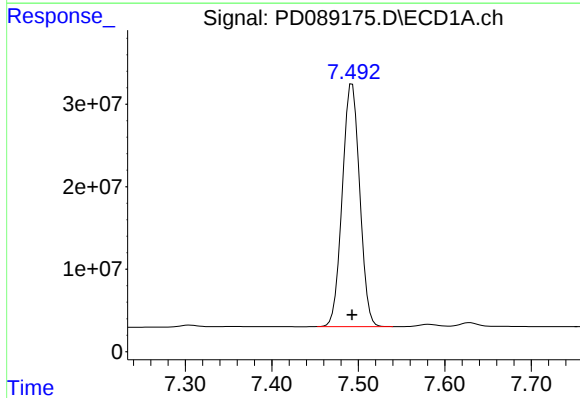
R.T.: 0.000 min
Exp R.T.: 7.148 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



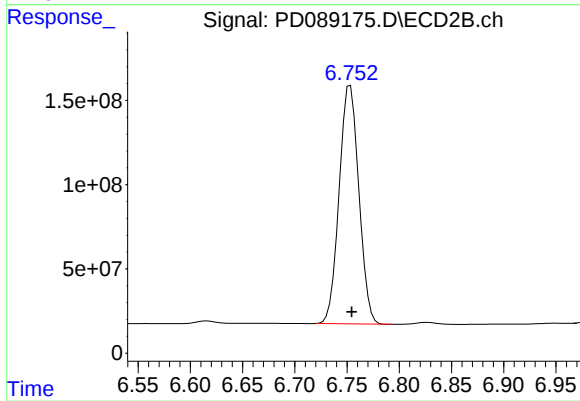
#19 Endosulfan Sulfate

R.T.: 6.459 min
Delta R.T.: -0.023 min
Response: 5465269
Conc: 0.28 ng/ml



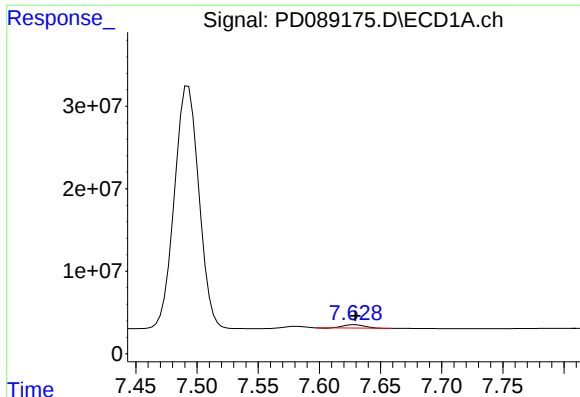
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 409676917
Conc: 202.75 ng/ml



#20 Methoxychlor

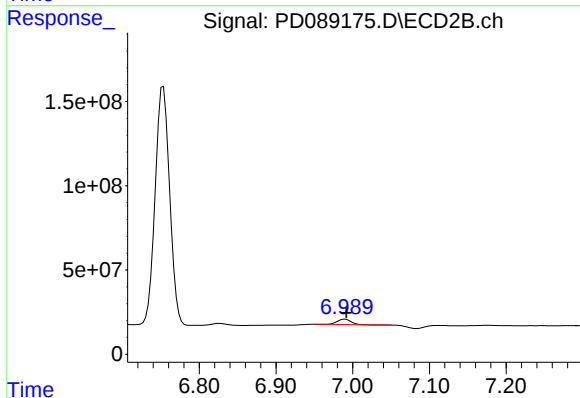
R.T.: 6.753 min
Delta R.T.: -0.001 min
Response: 1853334629
Conc: 172.11 ng/ml



#21 Endrin ketone

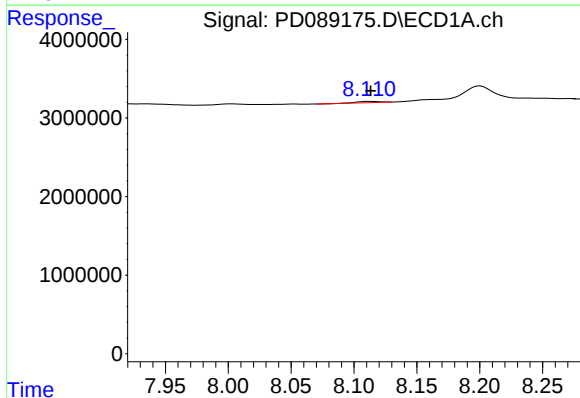
R.T.: 7.629 min
Delta R.T.: 0.000 min
Response: 4841978
Conc: 1.19 ng/ml

Instrument :
ECD_D
ClientSampleId :



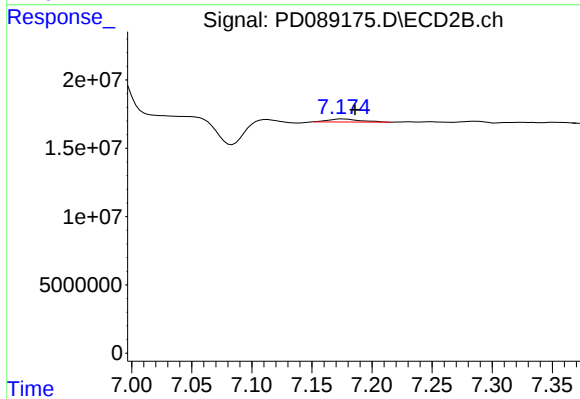
#21 Endrin ketone

R.T.: 6.990 min
Delta R.T.: -0.002 min
Response: 37802725
Conc: 1.75 ng/ml



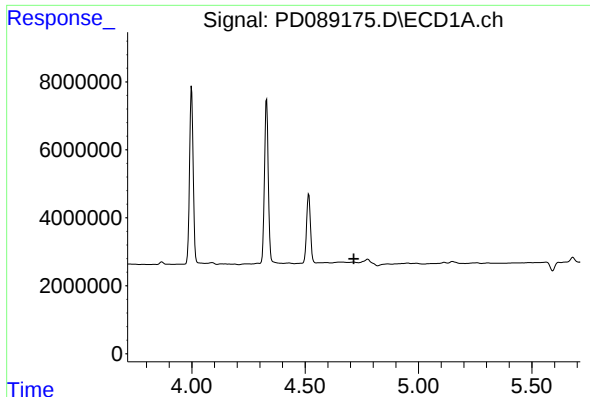
#22 Mirex

R.T.: 8.113 min
Delta R.T.: 0.000 min
Response: 176706
Conc: 0.06 ng/ml



#22 Mirex

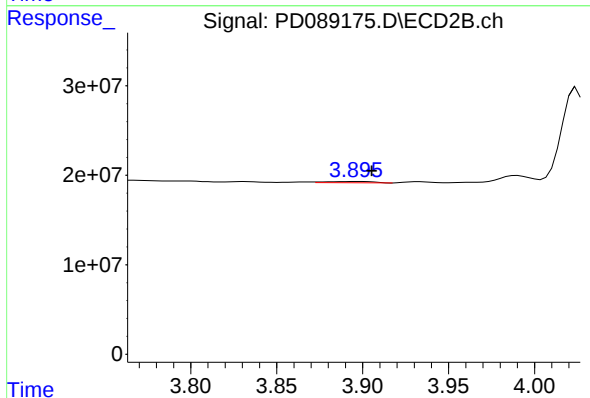
R.T.: 7.176 min
Delta R.T.: -0.010 min
Response: 4059707
Conc: 0.24 ng/ml



#23 Chlordane-1

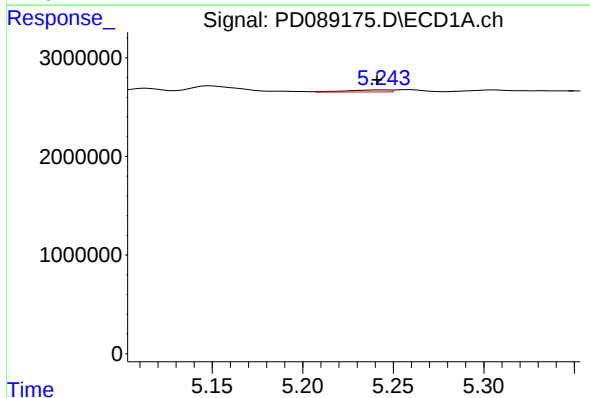
R.T.: 0.000 min
Exp R.T.: 4.715 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



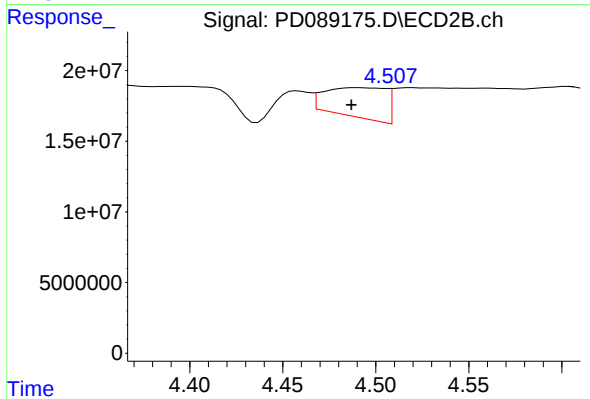
#23 Chlordane-1

R.T.: 3.896 min
Delta R.T.: -0.009 min
Response: 2654902
Conc: 2.85 ng/ml



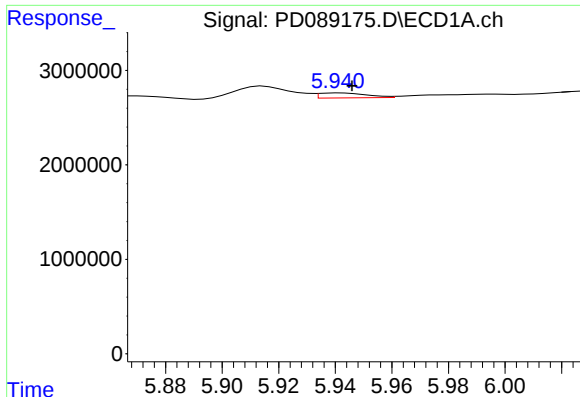
#24 Chlordane-2

R.T.: 5.245 min
Delta R.T.: 0.004 min
Response: 331974
Conc: 1.52 ng/ml



#24 Chlordane-2

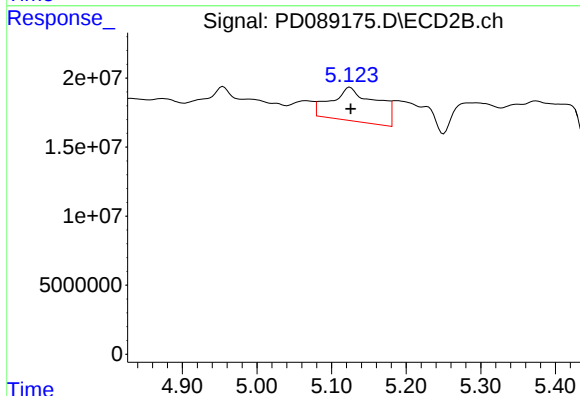
R.T.: 4.489 min
Delta R.T.: 0.002 min
Response: 47561934
Conc: 49.98 ng/ml



#25 Chlordane-3

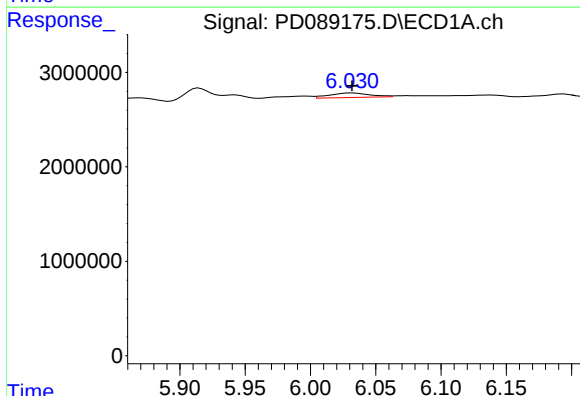
R.T.: 5.942 min
Delta R.T.: -0.004 min
Response: 613032
Conc: 0.71 ng/ml

Instrument :
ECD_D
ClientSampleId :



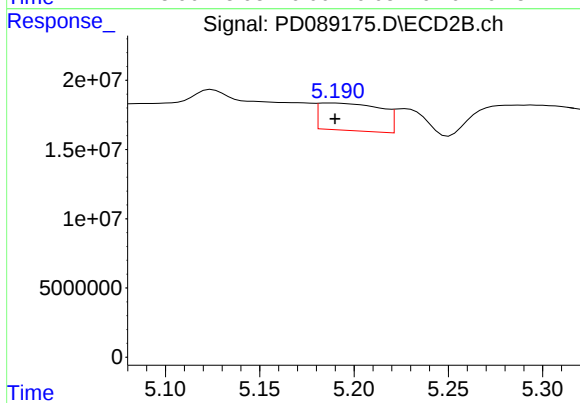
#25 Chlordane-3

R.T.: 5.125 min
Delta R.T.: 0.000 min
Response: 102137016
Conc: 34.39 ng/ml



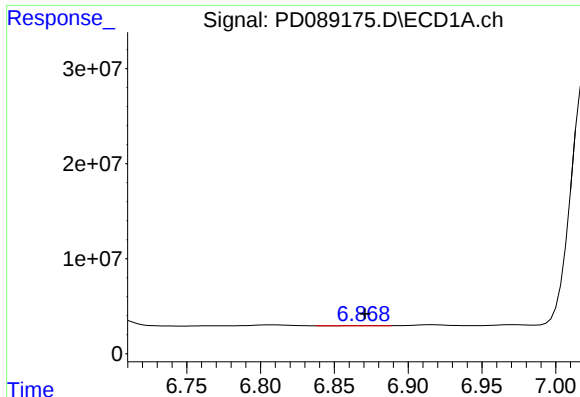
#26 Chlordane-4

R.T.: 6.031 min
Delta R.T.: 0.000 min
Response: 1029021
Conc: 0.98 ng/ml



#26 Chlordane-4

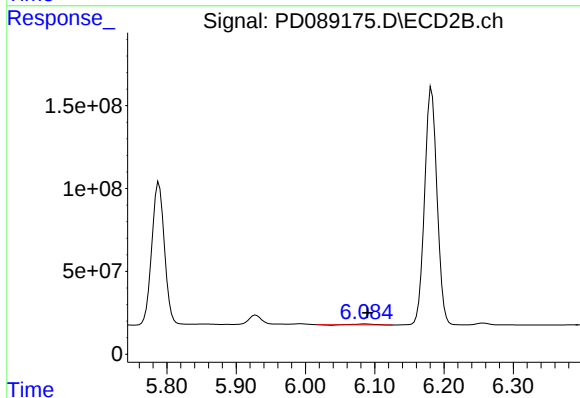
R.T.: 5.188 min
Delta R.T.: -0.001 min
Response: 45206897
Conc: 18.03 ng/ml



#27 Chlordane-5

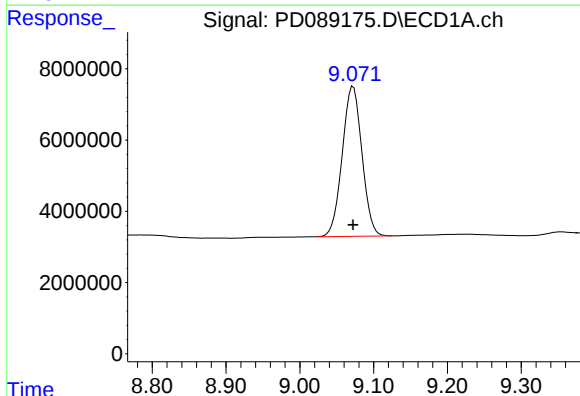
R.T.: 6.869 min
Delta R.T.: -0.001 min
Response: 403999
Conc: 2.21 ng/ml

Instrument :
ECD_D
ClientSampleId :



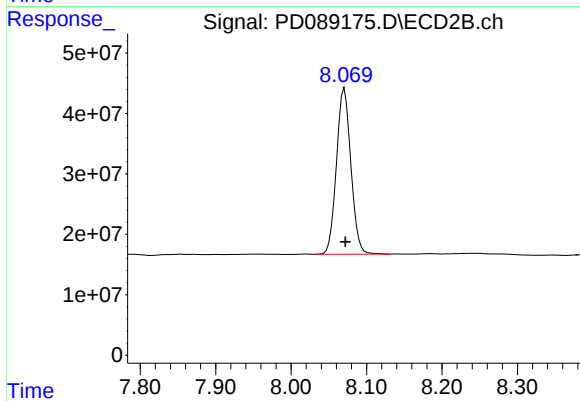
#27 Chlordane-5

R.T.: 6.086 min
Delta R.T.: -0.004 min
Response: 10166774
Conc: 8.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.072 min
Delta R.T.: 0.000 min
Response: 78160521
Conc: 19.90 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.071 min
Delta R.T.: -0.001 min
Response: 365588348
Conc: 18.49 ng/ml