

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088605.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 15:49
 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: May 20 04:39:06 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 15:27:28 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...	3.551	2.882	44529897	323.1E6	20.580	21.359
28)	SA Decachlor...	9.077	8.076	75939709	407.9E6	22.189	22.346
Target Compounds							
2)	A alpha-BHC	4.000	3.394	44714607	265.9E6	9.361	11.124
3)	MA gamma-BHC...	4.331	3.731	44937590	248.0E6	9.763	11.191
4)	MA Heptachlor	4.932	4.083	435248	904651	0.097	0.040 #
5)	MB Aldrin	5.257f	4.365	318610	6267190	0.073	0.286 #
6)	B beta-BHC	4.516	4.027	18943064	112.1E6	10.506	11.507
7)	B delta-BHC	4.779	4.269	1953688	934588	0.462	0.042 #
8)	B Heptachlo...	5.684	4.876	4407413	97167	1.110	0.005 #
10)	B gamma-Chl...	5.948	5.128	596748	14104533	0.150	0.661 #
11)	B alpha-Chl...	6.037	5.191	689780	29493160	0.172	1.430 #
12)	B 4,4'-DDE	6.201	5.383	216131	1109859	0.060	0.053
14)	MA Endrin	6.577	5.792	179.6E6	988.7E6	52.576	51.271
15)	B Endosulfa...	6.775	6.089	1004506	1155723	0.292	0.063 #
16)	A 4,4'-DDD	6.706	5.935	2490828	5710552	0.894	0.328 #
17)	MA 4,4'-DDT	7.024	6.186	325.1E6	1808.6E6	104.124	99.719
18)	B Endrin al...	6.922	6.260	683873	9143953	0.266	0.656 #
19)	B Endosulfa...	0.000	6.498	0	286426	N.D.	0.016 #
20)	A Methoxychlor	7.497	6.757	400.1E6	1969.4E6	239.500	205.688
21)	B Endrin ke...	7.633	6.994	471706	10632226	0.138	0.550 #
22)	Mirex	8.120	7.181	100440	7560536	0.039	0.497 #
23)	Chlordane-1	0.000	3.903	0	1221460	N.D.	1.478 #
24)	Chlordane-2	5.257	4.491	318610	29020045	1.736	34.384 #
25)	Chlordane-3	5.948	5.128	596748	14104533	0.807	5.349 #
26)	Chlordane-4	6.037	5.191	689780	29493160	0.770	13.330 #
27)	Chlordane-5	6.869	6.089	304540	1155723	2.002	1.155 #

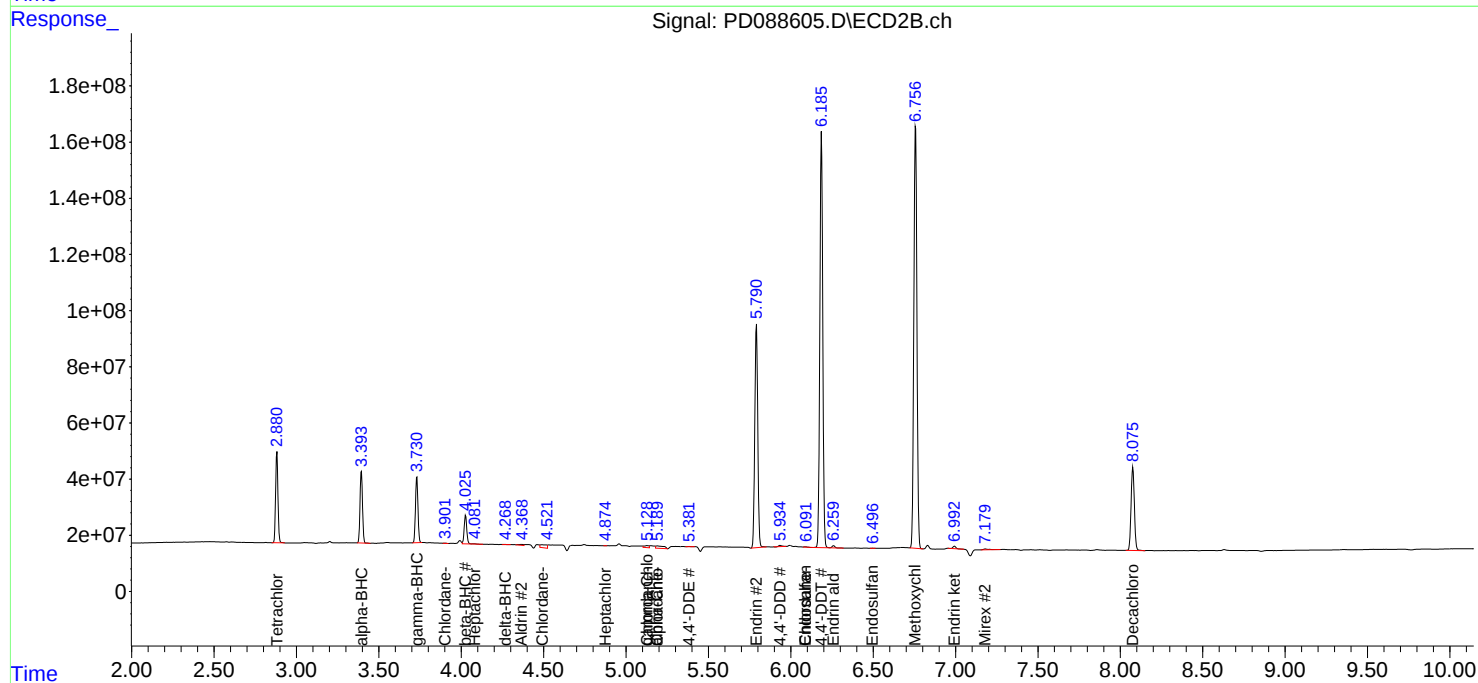
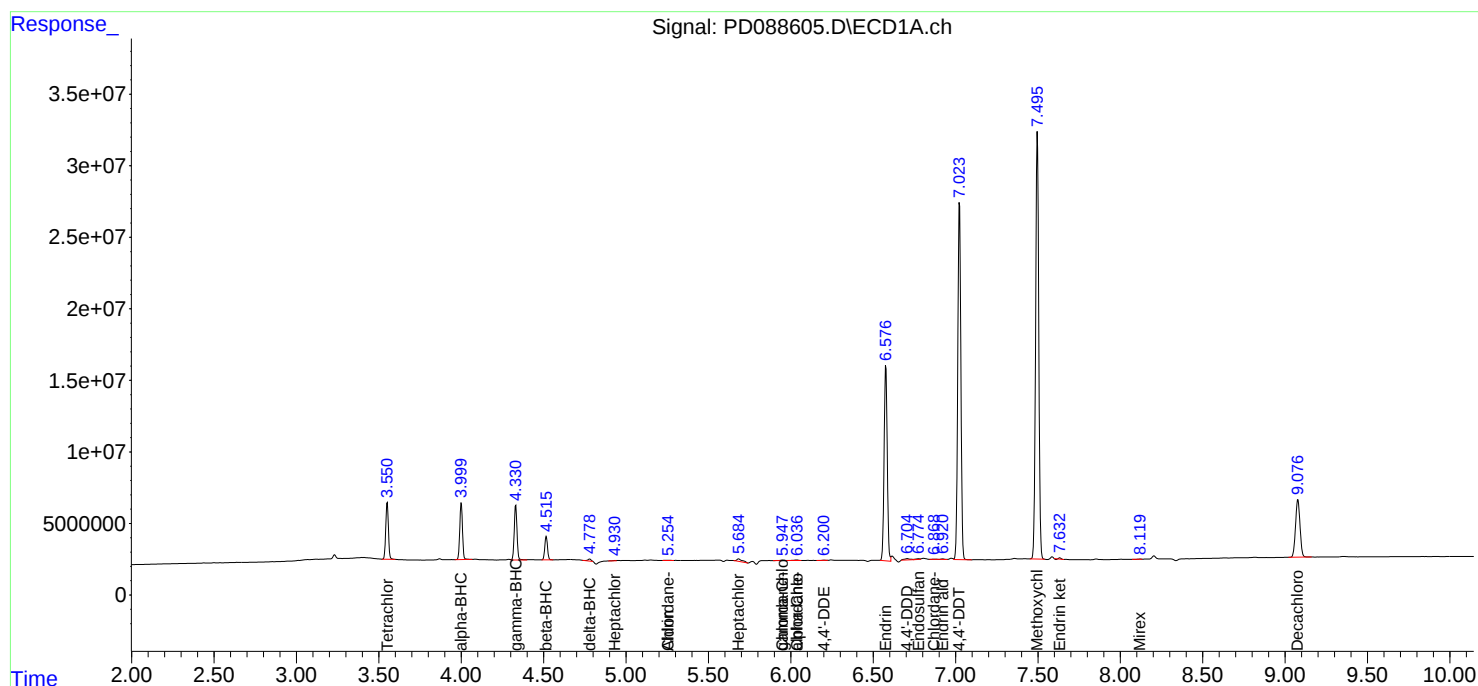
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

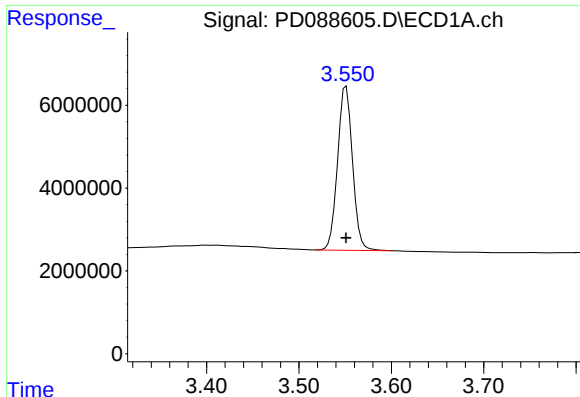
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088605.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 15:49
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 20 04:39:06 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 15:27:28 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

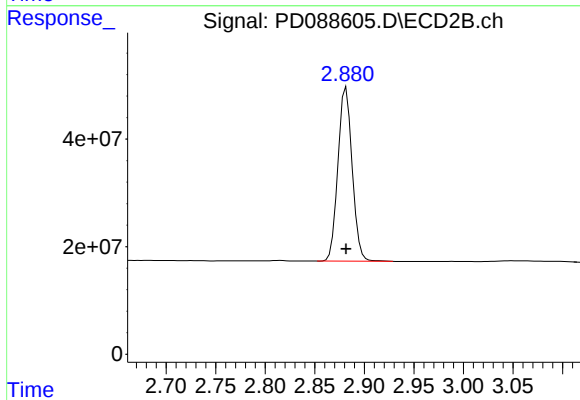




#1 Tetrachloro-m-xylene

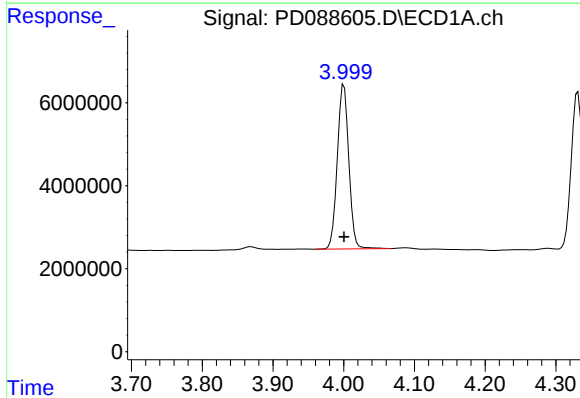
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 44529897
Conc: 20.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



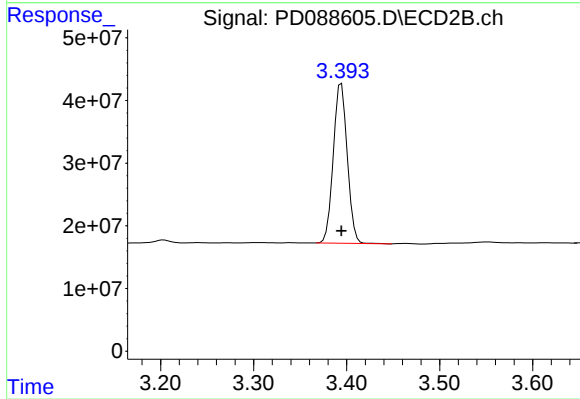
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 323089514
Conc: 21.36 ng/ml



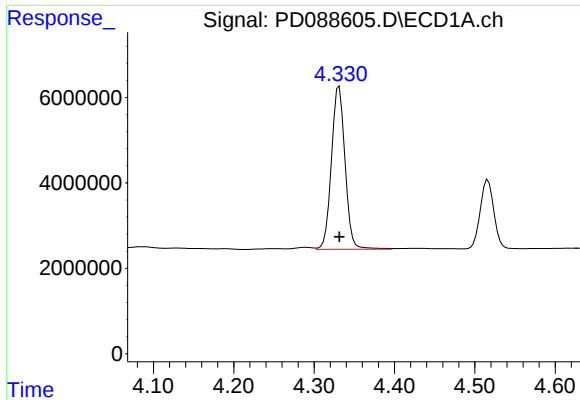
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 44714607
Conc: 9.36 ng/ml



#2 alpha-BHC

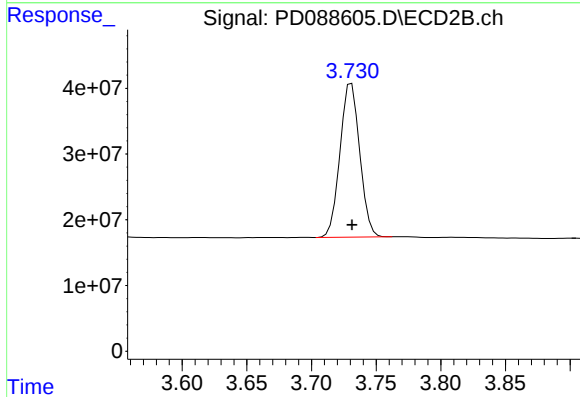
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 265895140
Conc: 11.12 ng/ml



#3 gamma-BHC (Lindane)

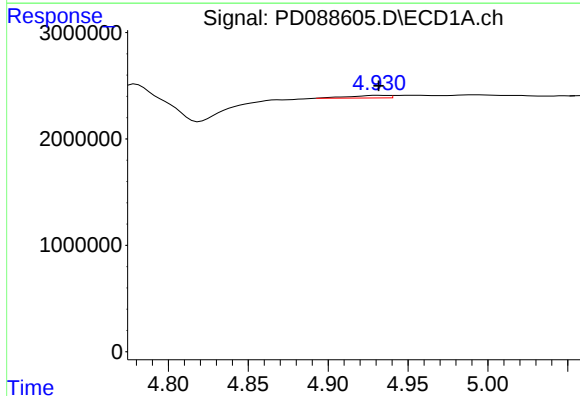
R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 44937590
Conc: 9.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



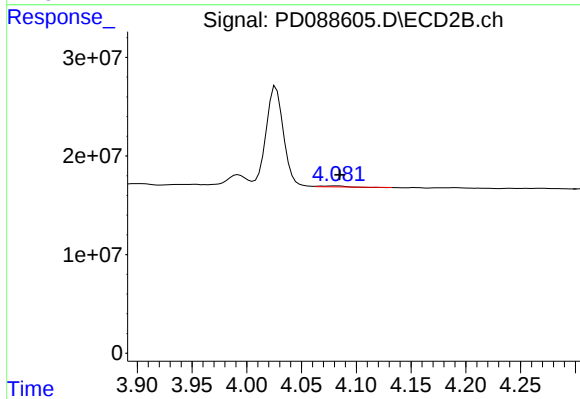
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 248045836
Conc: 11.19 ng/ml



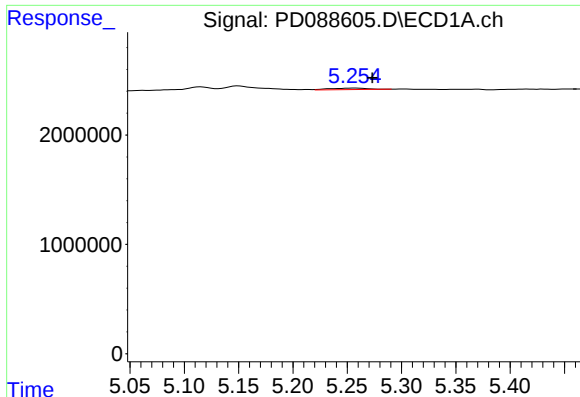
#4 Heptachlor

R.T.: 4.932 min
Delta R.T.: 0.000 min
Response: 435248
Conc: 0.10 ng/ml



#4 Heptachlor

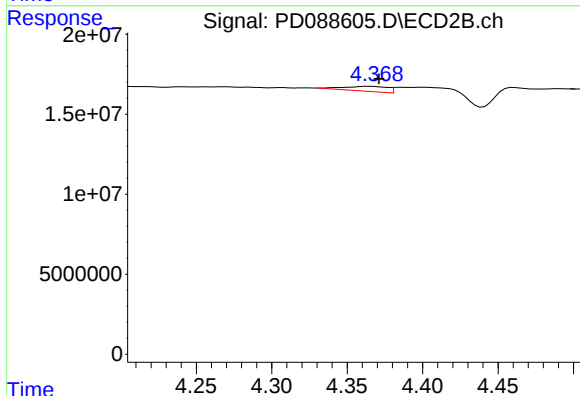
R.T.: 4.083 min
Delta R.T.: -0.002 min
Response: 904651
Conc: 0.04 ng/ml



#5 Aldrin

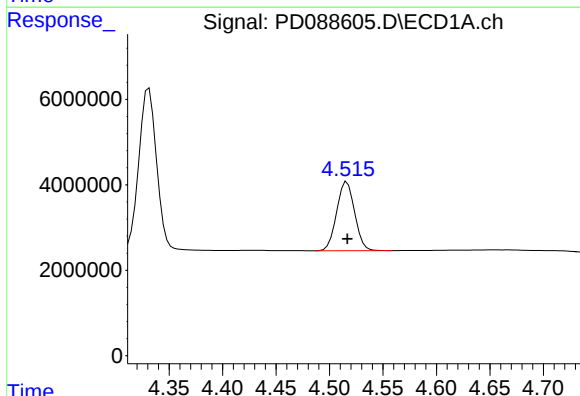
R.T.: 5.257 min
Delta R.T.: -0.017 min
Response: 318610
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



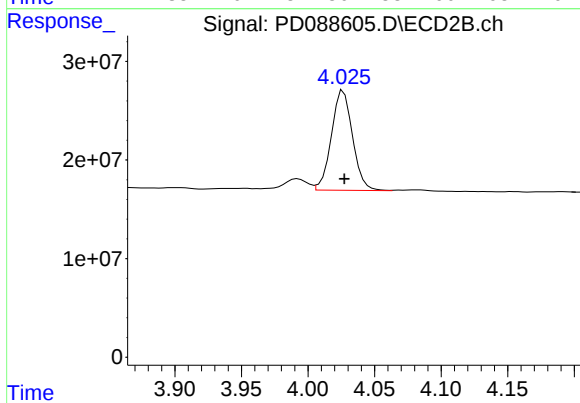
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.006 min
Response: 6267190
Conc: 0.29 ng/ml



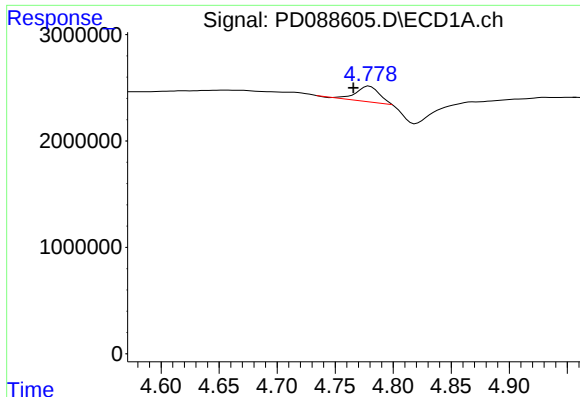
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: 0.000 min
Response: 18943064
Conc: 10.51 ng/ml



#6 beta-BHC

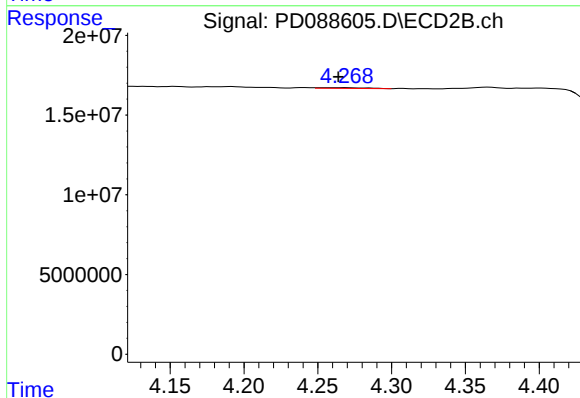
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 112099985
Conc: 11.51 ng/ml



#7 delta-BHC

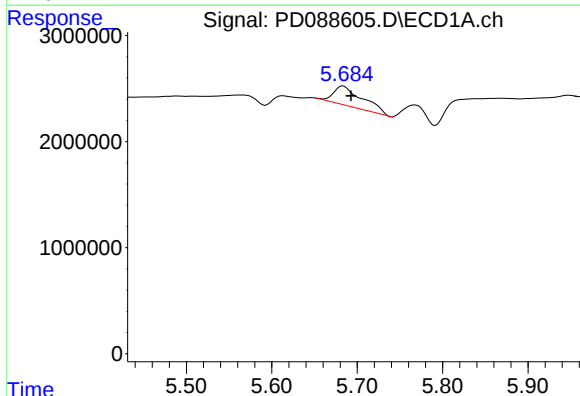
R.T.: 4.779 min
Delta R.T.: 0.014 min
Response: 1953688
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



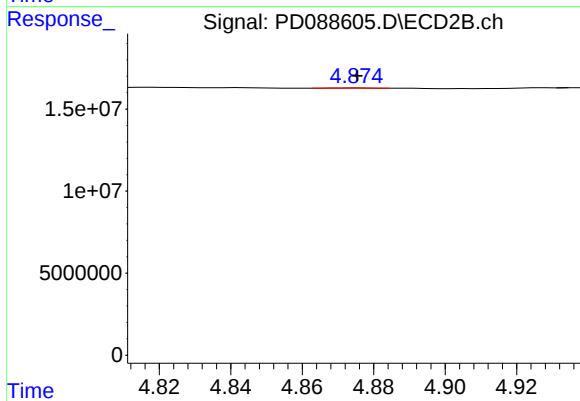
#7 delta-BHC

R.T.: 4.269 min
Delta R.T.: 0.005 min
Response: 934588
Conc: 0.04 ng/ml



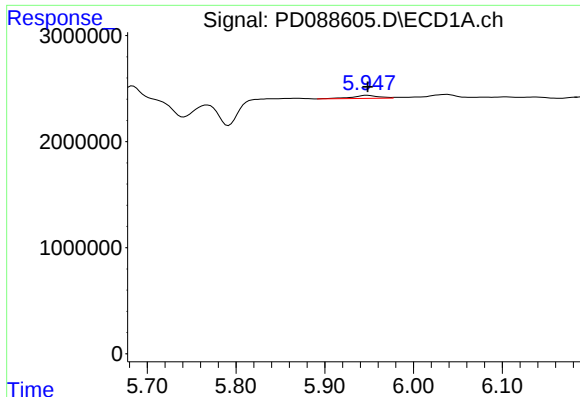
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: -0.009 min
Response: 4407413
Conc: 1.11 ng/ml



#8 Heptachlor epoxide

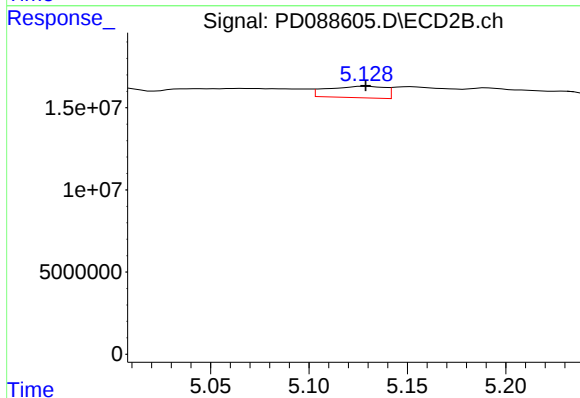
R.T.: 4.876 min
Delta R.T.: 0.000 min
Response: 97167
Conc: 0.00 ng/ml



#10 gamma-Chlordane

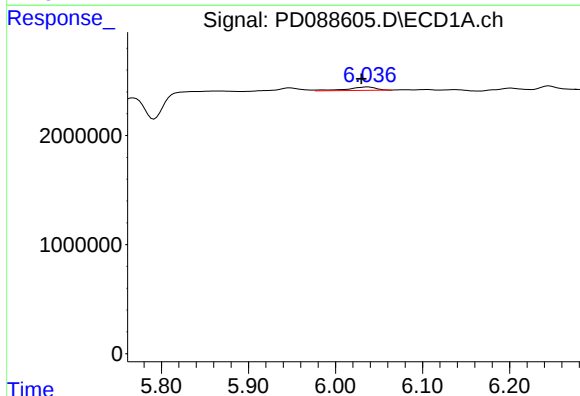
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 596748
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



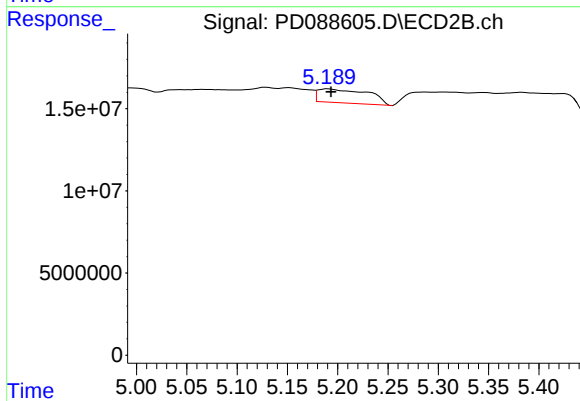
#10 gamma-Chlordane

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 14104533
Conc: 0.66 ng/ml



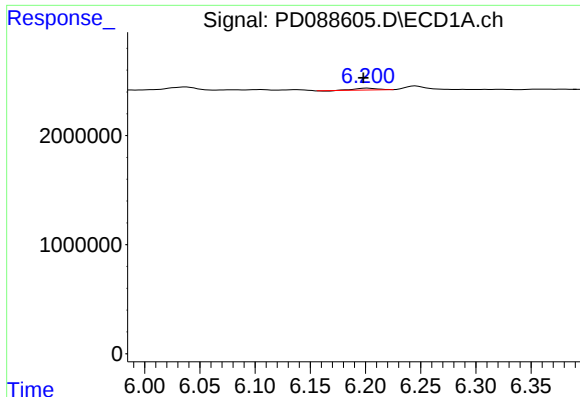
#11 alpha-Chlordane

R.T.: 6.037 min
Delta R.T.: 0.008 min
Response: 689780
Conc: 0.17 ng/ml



#11 alpha-Chlordane

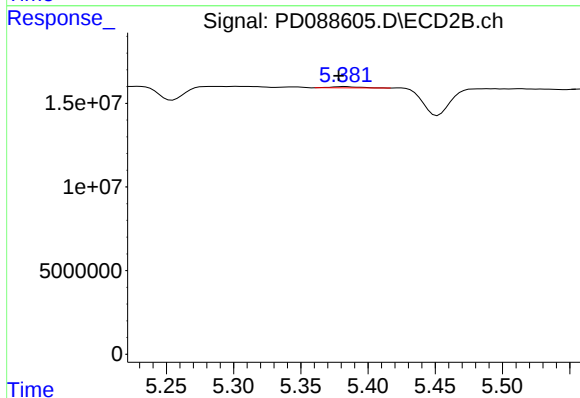
R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 29493160
Conc: 1.43 ng/ml



#12 4,4'-DDE

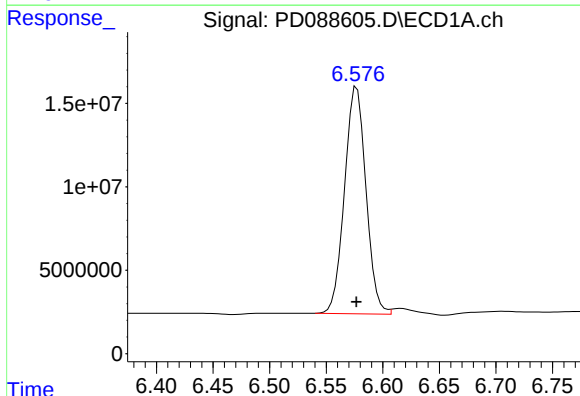
R.T.: 6.201 min
Delta R.T.: 0.003 min
Response: 216131
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



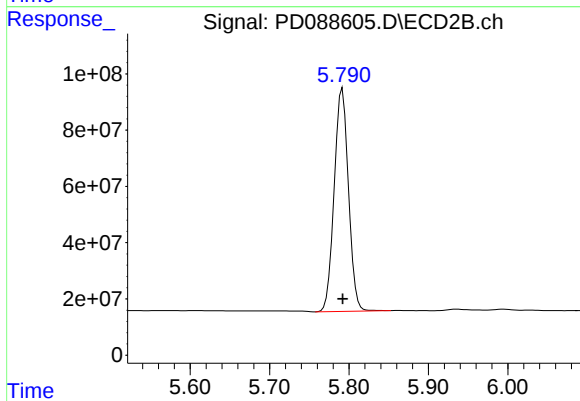
#12 4,4'-DDE

R.T.: 5.383 min
Delta R.T.: 0.004 min
Response: 1109859
Conc: 0.05 ng/ml



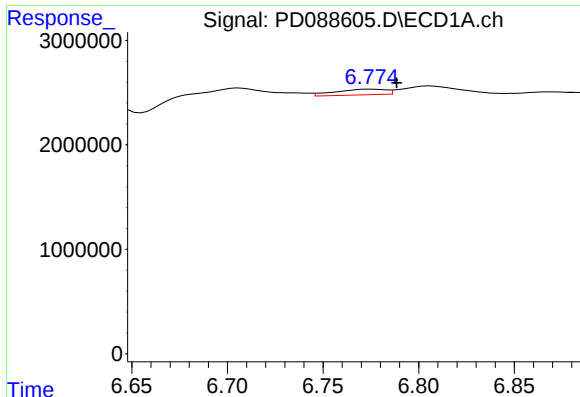
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 179557630
Conc: 52.58 ng/ml



#14 Endrin

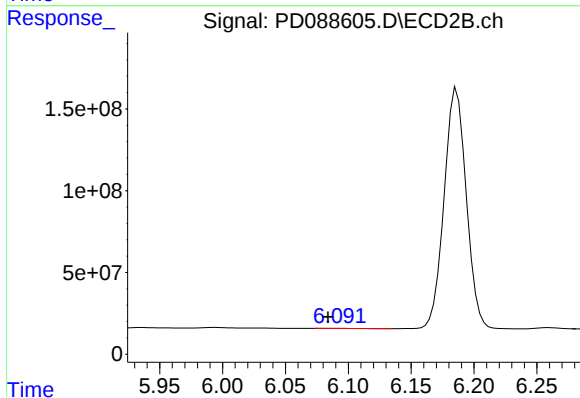
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 988716239
Conc: 51.27 ng/ml



#15 Endosulfan II

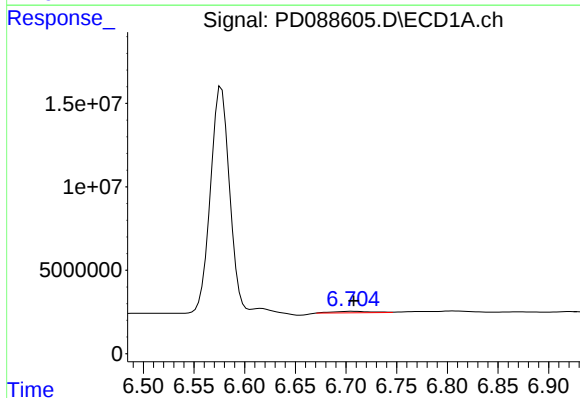
R.T.: 6.775 min
Delta R.T.: -0.013 min
Response: 1004506
Conc: 0.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



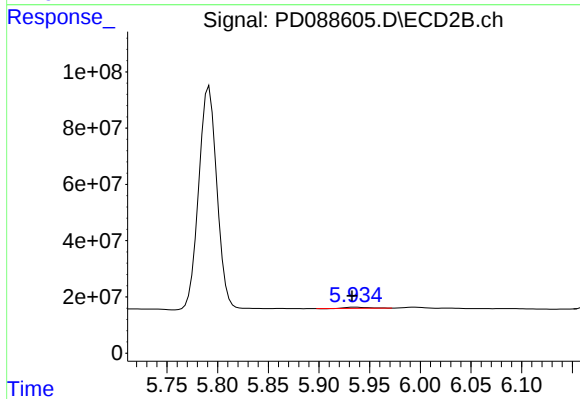
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 1155723
Conc: 0.06 ng/ml



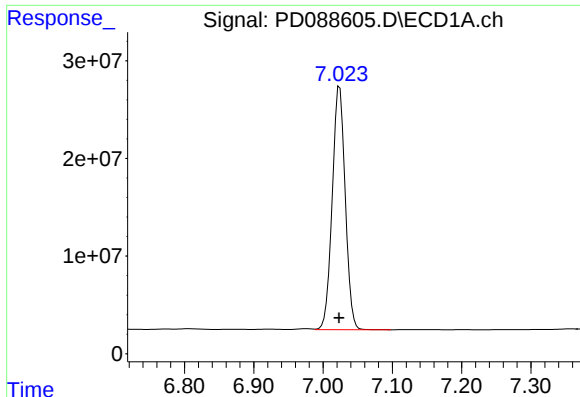
#16 4,4'-DDD

R.T.: 6.706 min
Delta R.T.: -0.001 min
Response: 2490828
Conc: 0.89 ng/ml



#16 4,4'-DDD

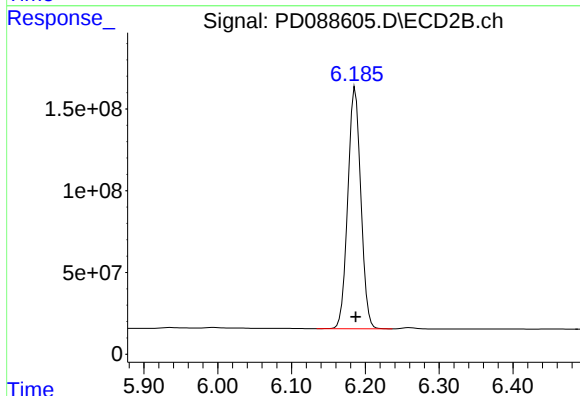
R.T.: 5.935 min
Delta R.T.: 0.003 min
Response: 5710552
Conc: 0.33 ng/ml



#17 4,4'-DDT

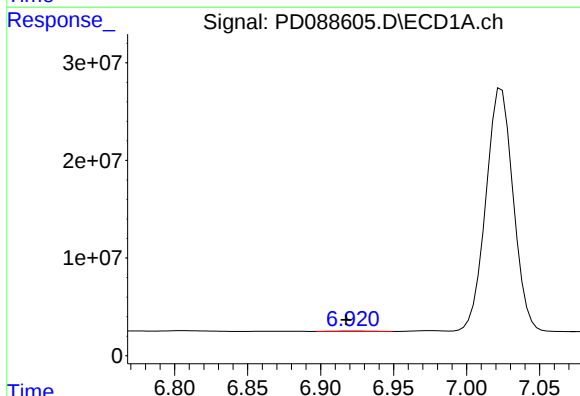
R.T.: 7.024 min
Delta R.T.: 0.000 min
Response: 325080411
Conc: 104.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



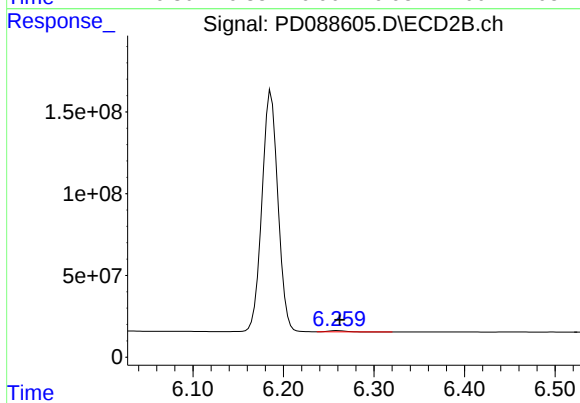
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 1808639095
Conc: 99.72 ng/ml



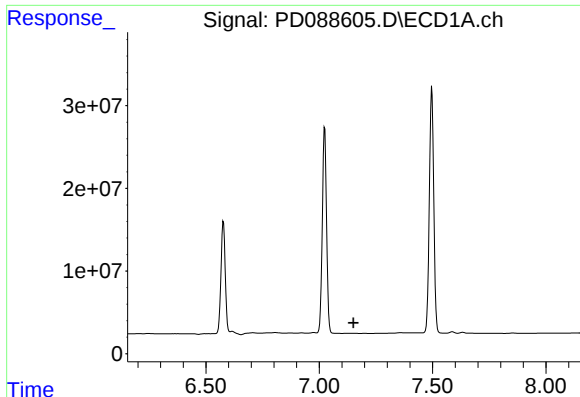
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: 0.004 min
Response: 683873
Conc: 0.27 ng/ml



#18 Endrin aldehyde

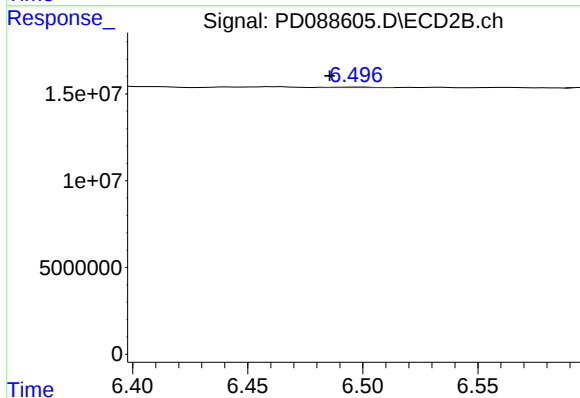
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 9143953
Conc: 0.66 ng/ml



#19 Endosulfan Sulfate

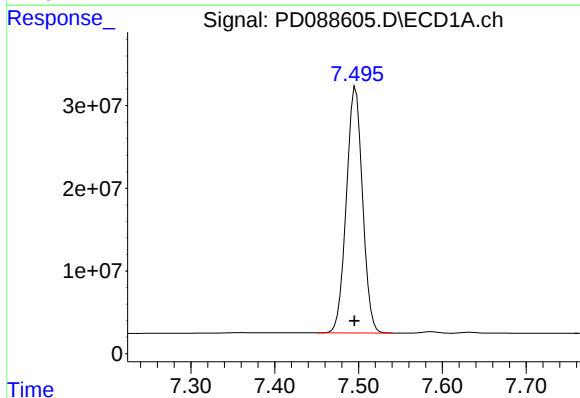
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



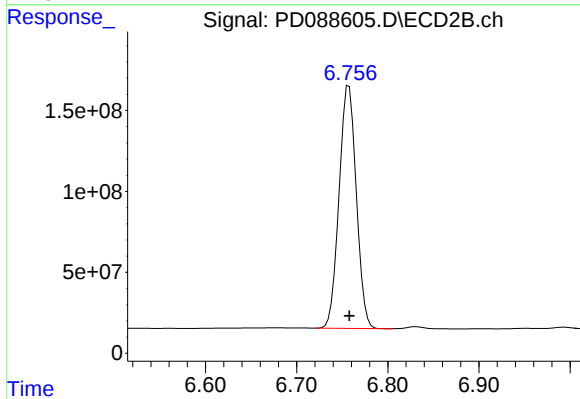
#19 Endosulfan Sulfate

R.T.: 6.498 min
Delta R.T.: 0.012 min
Response: 286426
Conc: 0.02 ng/ml



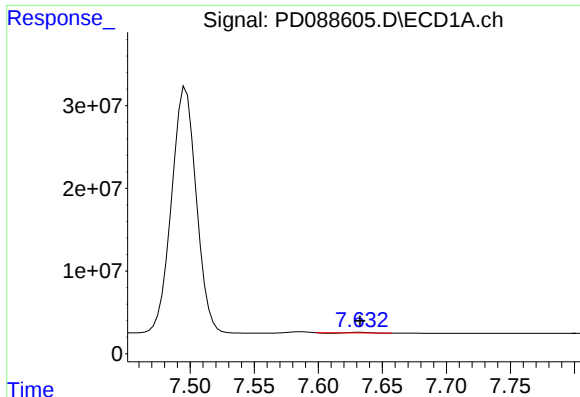
#20 Methoxychlor

R.T.: 7.497 min
Delta R.T.: 0.001 min
Response: 400097256
Conc: 239.50 ng/ml



#20 Methoxychlor

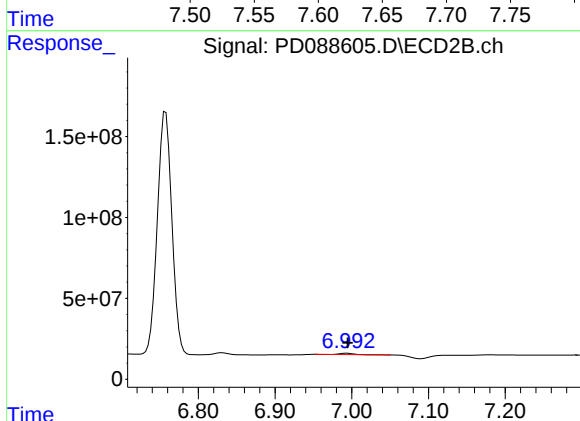
R.T.: 6.757 min
Delta R.T.: 0.000 min
Response: 1969418433
Conc: 205.69 ng/ml



#21 Endrin ketone

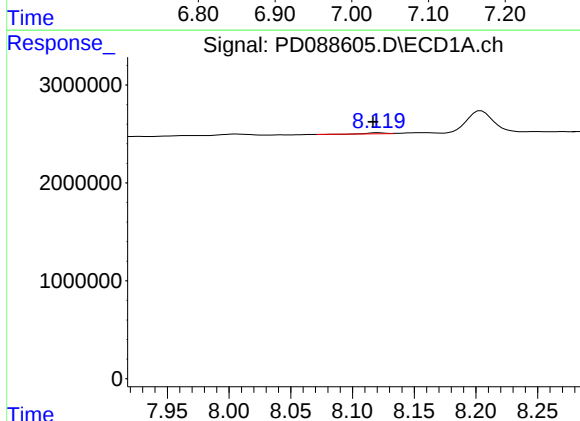
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 471706
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



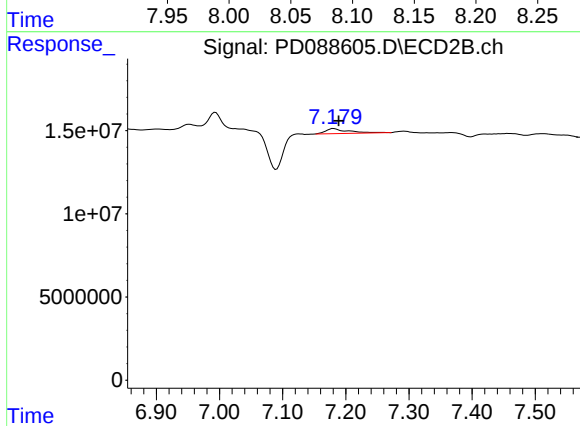
#21 Endrin ketone

R.T.: 6.994 min
Delta R.T.: -0.001 min
Response: 10632226
Conc: 0.55 ng/ml



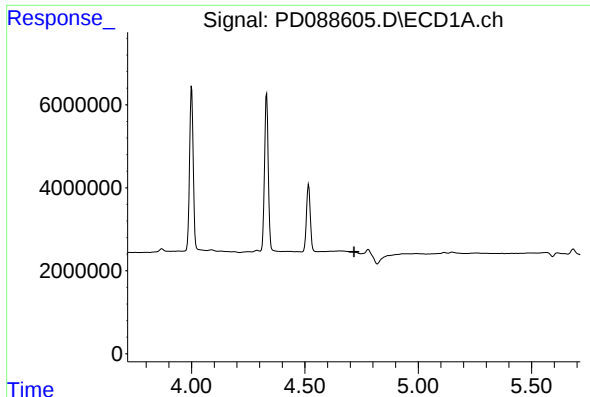
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.004 min
Response: 100440
Conc: 0.04 ng/ml



#22 Mirex

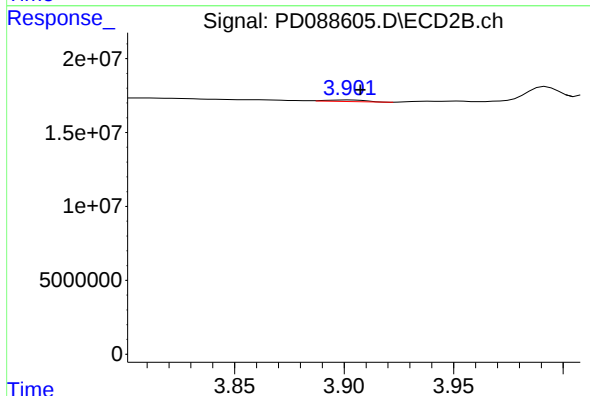
R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 7560536
Conc: 0.50 ng/ml



#23 Chlordane-1

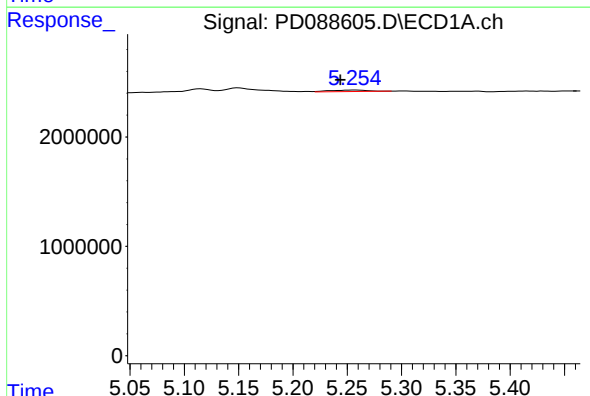
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



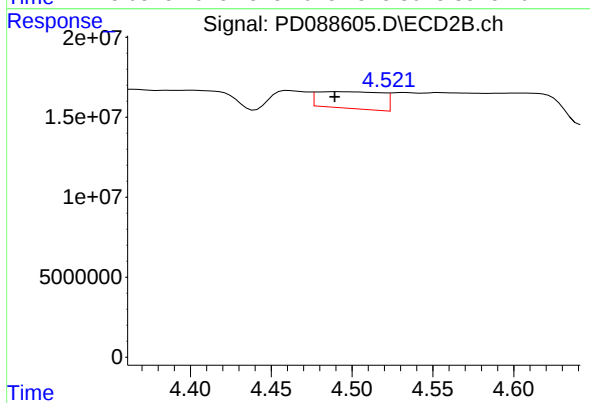
#23 Chlordane-1

R.T.: 3.903 min
Delta R.T.: -0.005 min
Response: 1221460
Conc: 1.48 ng/ml



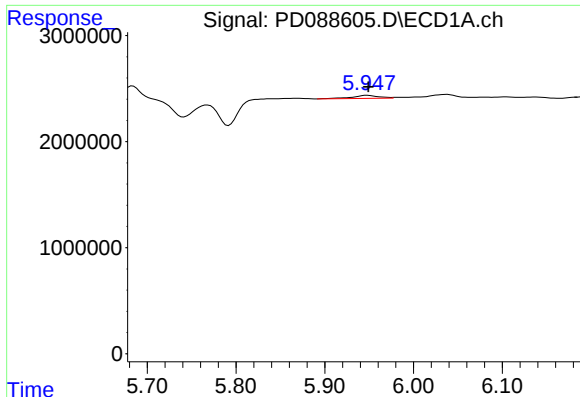
#24 Chlordane-2

R.T.: 5.257 min
Delta R.T.: 0.013 min
Response: 318610
Conc: 1.74 ng/ml



#24 Chlordane-2

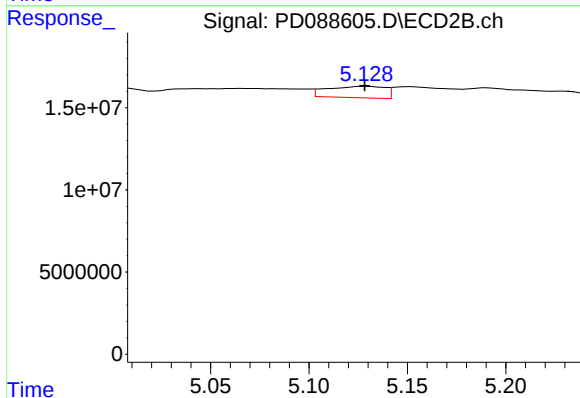
R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 29020045
Conc: 34.38 ng/ml



#25 Chlordane-3

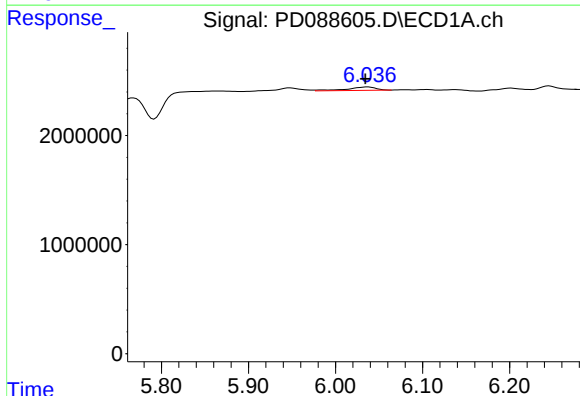
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 596748
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



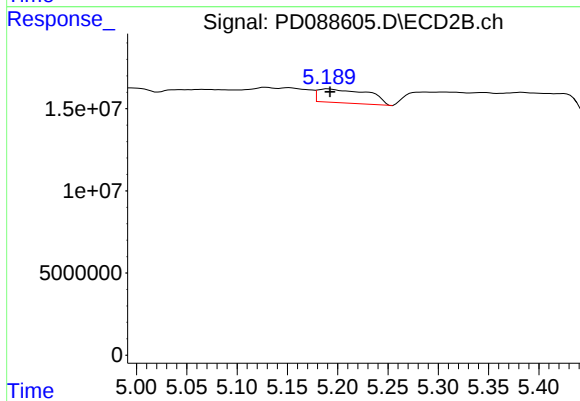
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: 0.000 min
Response: 14104533
Conc: 5.35 ng/ml



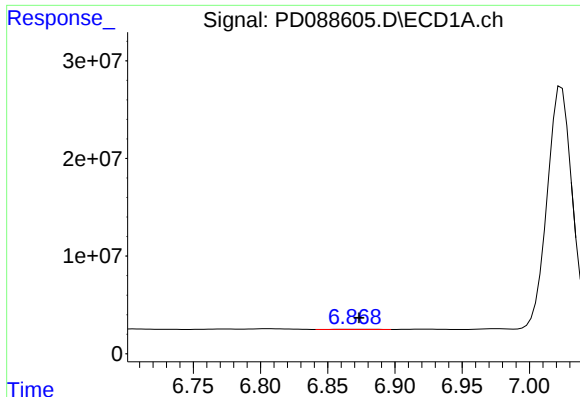
#26 Chlordane-4

R.T.: 6.037 min
Delta R.T.: 0.003 min
Response: 689780
Conc: 0.77 ng/ml



#26 Chlordane-4

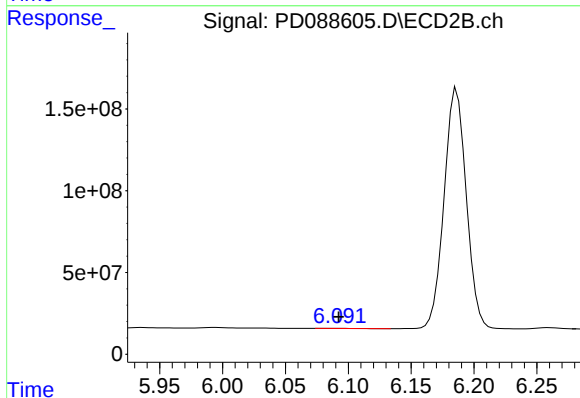
R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 29493160
Conc: 13.33 ng/ml



#27 Chlordane-5

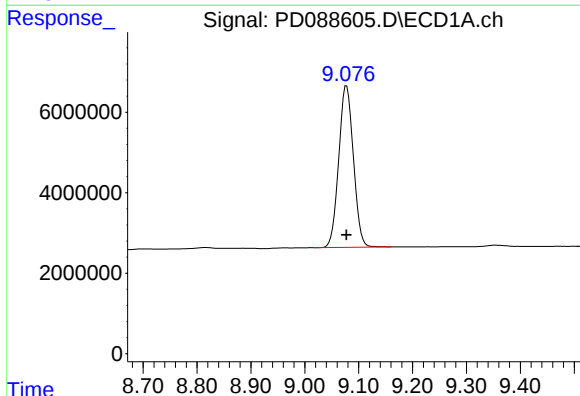
R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 304540
Conc: 2.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



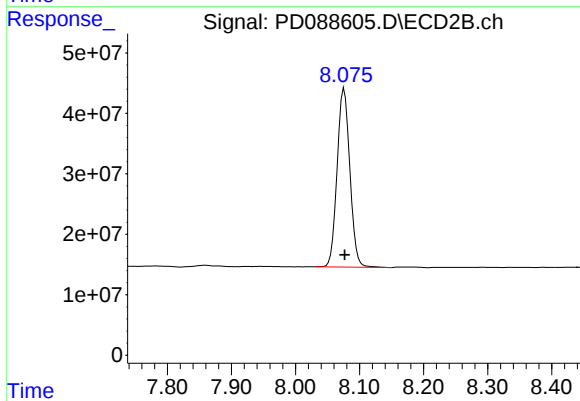
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.004 min
Response: 1155723
Conc: 1.15 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.077 min
Delta R.T.: 0.000 min
Response: 75939709
Conc: 22.19 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 407949741
Conc: 22.35 ng/ml