

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
 Data File : PD088147.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Apr 2025 09:21
 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: Apr 21 11:14:30 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
 Quant Title : GC Extractables
 QLast Update : Sat Apr 19 06:32:27 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	43851029	320.0E6	21.954	21.887
28)	SA Decachlor...	9.073	8.075	74984728	407.4E6	22.667	22.047
Target Compounds							
2)	A alpha-BHC	4.000	3.395	43375368	263.7E6	10.059	11.537
3)	MA gamma-BHC...	4.331	3.731	43720217	244.7E6	10.441	11.363
5)	MB Aldrin	0.000	4.366	0	1796282	N.D.	0.086 #
6)	B beta-BHC	4.515	4.027	18829791	113.0E6	11.599	12.206
7)	B delta-BHC	4.778	4.261	3213871	698676	0.779	0.033 #
8)	B Heptachlo...	0.000	4.878	0	147901	N.D.	0.008 #
9)	A Endosulfan I	0.000	5.243	0	865667	N.D.	0.048 #
10)	B gamma-Chl...	0.000	5.136	0	495848	N.D.	0.024 #
11)	B alpha-Chl...	0.000	5.203	0	659536	N.D.	0.034 #
12)	B 4,4'-DDE	6.198	5.378	405562	1541552	0.123	0.078 #
13)	MA Dieldrin	6.368f	5.517	260603	303491	0.073	0.015 #
14)	MA Endrin	6.575	5.791	153.4E6	857.1E6	51.423	47.085
15)	B Endosulfa...	6.771f	6.089	352074	3789532	0.113	0.216 #
16)	A 4,4'-DDD	6.706	5.934	1110057	8638885	0.441	0.527
17)	MA 4,4'-DDT	7.022	6.186	305.7E6	1668.1E6	110.075	98.028
18)	B Endrin al...	6.915	6.260	3693568	28532707	1.600	2.145 #
19)	B Endosulfa...	0.000	6.490	0	456836	N.D.	0.027 #
20)	A Methoxychlor	7.493	6.757	393.9E6	1789.1E6	262.668	196.151 #
21)	B Endrin ke...	7.629	6.993	5965225	46897482	1.933	2.507 #
22)	Mirex	0.000	7.181	0	1555574	N.D.	0.105 #
23)	Chlordane-1	0.000	3.938f	0	2179445	N.D.	2.719 #
24)	Chlordane-2	0.000	4.458f	0	2172430	N.D.	2.632 #
25)	Chlordane-3	0.000	5.136	0	495848	N.D.	0.196 #
26)	Chlordane-4	0.000	5.203	0	659536	N.D.	0.308 #
27)	Chlordane-5	0.000	6.089	0	3789532	N.D.	3.925 #

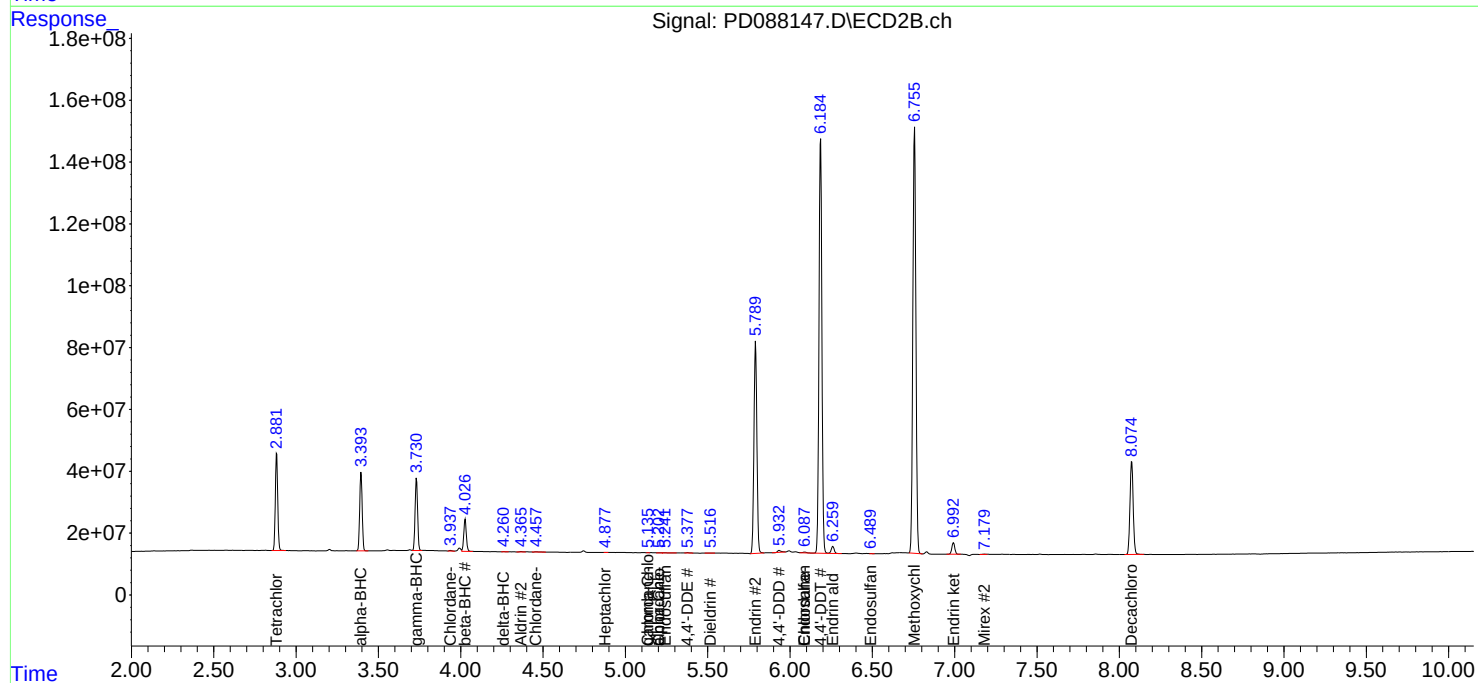
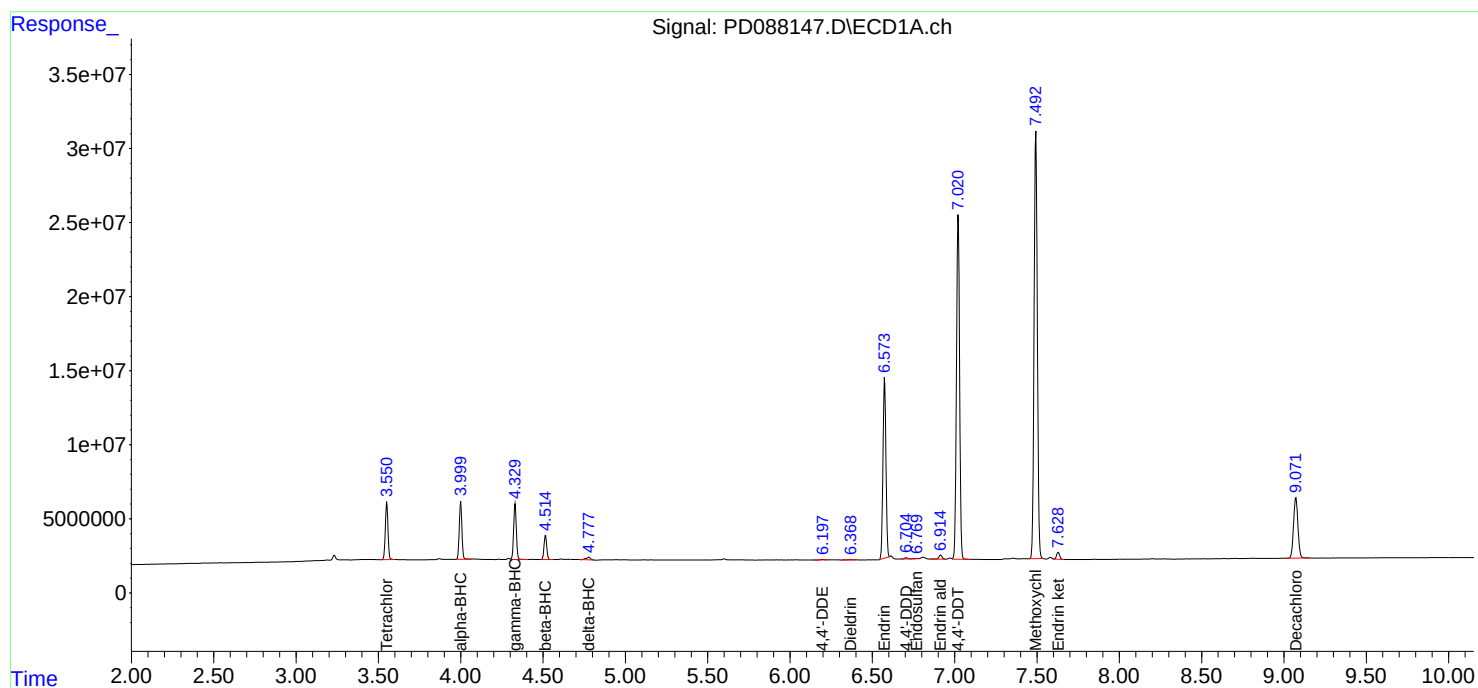
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

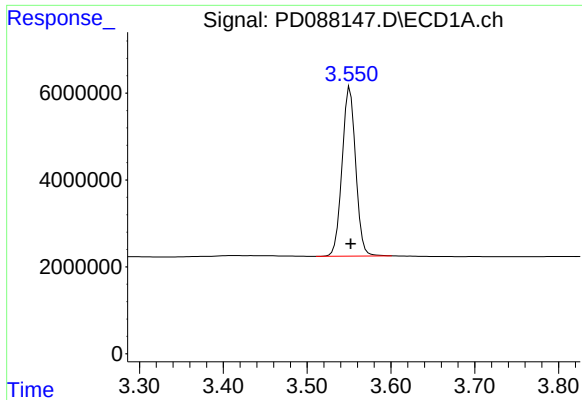
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD042125\
Data File : PD088147.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Apr 2025 09:21
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 21 11:14:30 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD041825.M
Quant Title : GC Extractables
QLast Update : Sat Apr 19 06:32:27 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

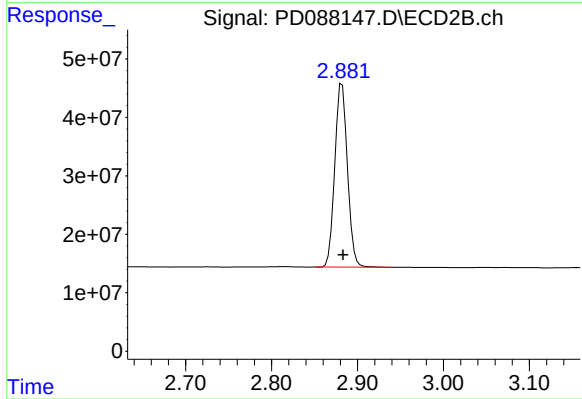




#1 Tetrachloro-m-xylene

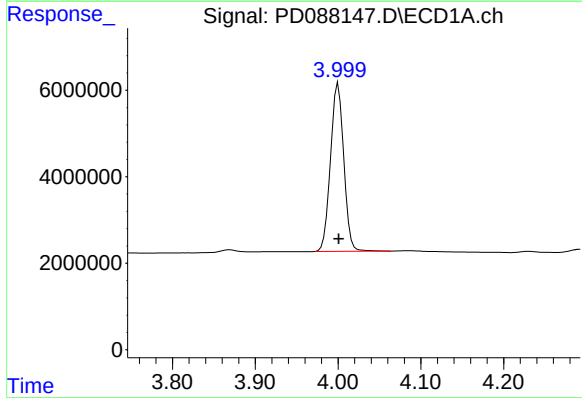
R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 43851029
Conc: 21.95 ng/ml

Instrument :
ECD_D
ClientSampleId :



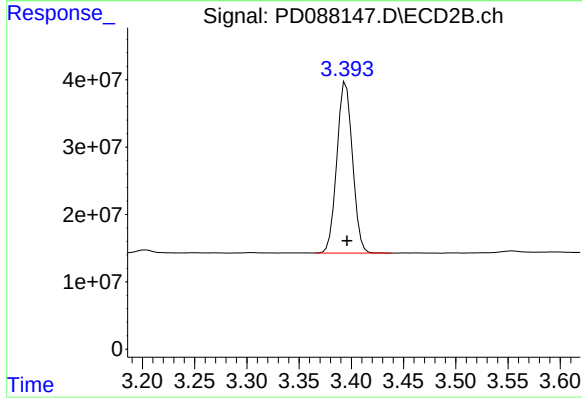
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: 0.000 min
Response: 320025921
Conc: 21.89 ng/ml



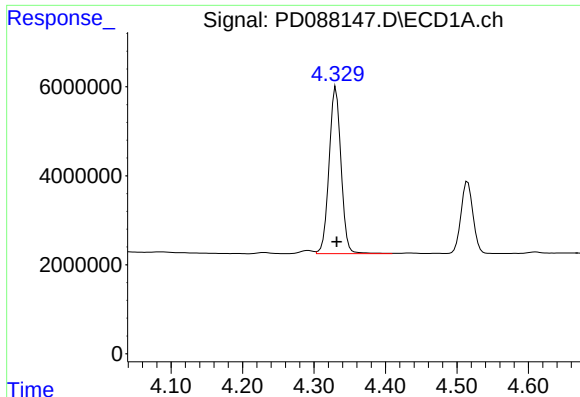
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 43375368
Conc: 10.06 ng/ml



#2 alpha-BHC

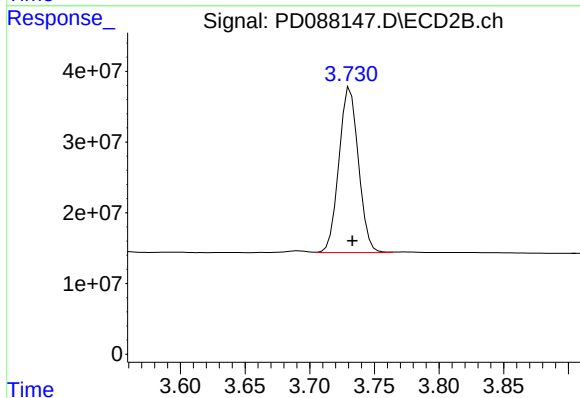
R.T.: 3.395 min
Delta R.T.: -0.001 min
Response: 263745978
Conc: 11.54 ng/ml



#3 gamma-BHC (Lindane)

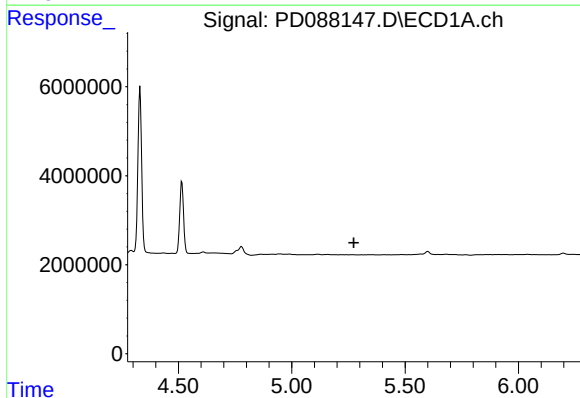
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 43720217
Conc: 10.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



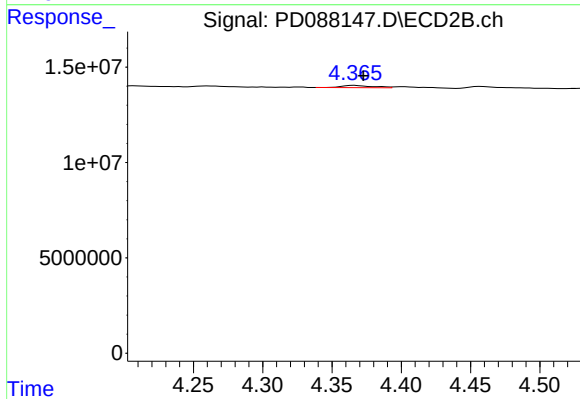
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 244740131
Conc: 11.36 ng/ml



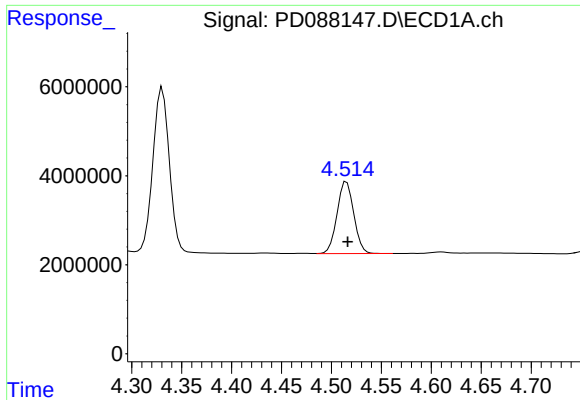
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 5.273 min
Response: 0
Conc: N.D.



#5 Aldrin

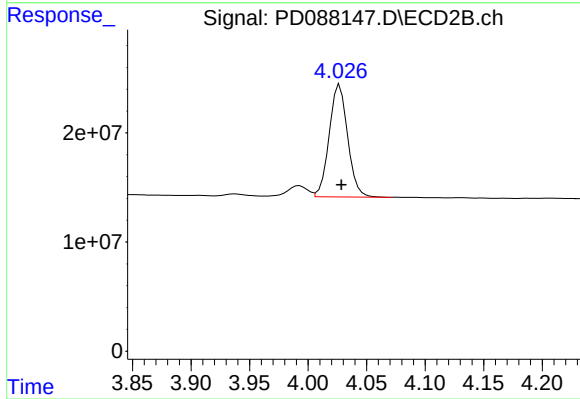
R.T.: 4.366 min
Delta R.T.: -0.006 min
Response: 1796282
Conc: 0.09 ng/ml



#6 beta-BHC

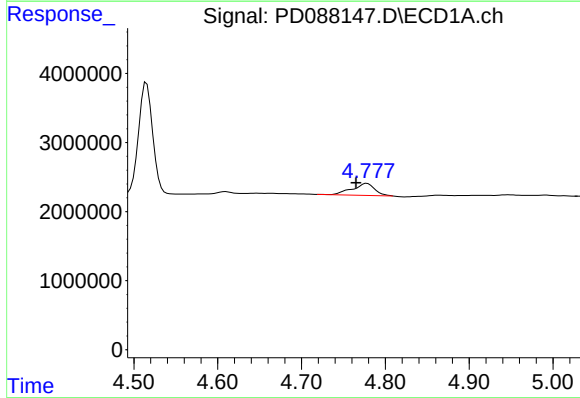
R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 18829791
Conc: 11.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



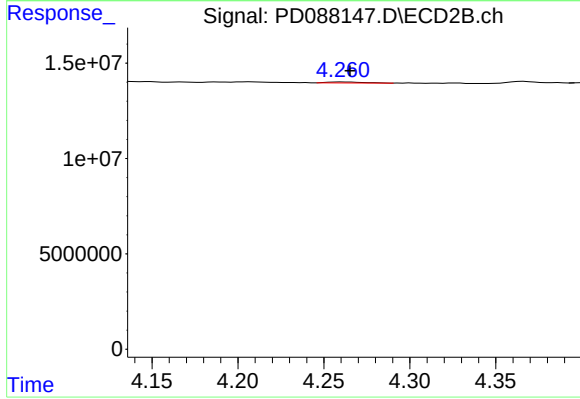
#6 beta-BHC

R.T.: 4.027 min
Delta R.T.: -0.001 min
Response: 112958242
Conc: 12.21 ng/ml



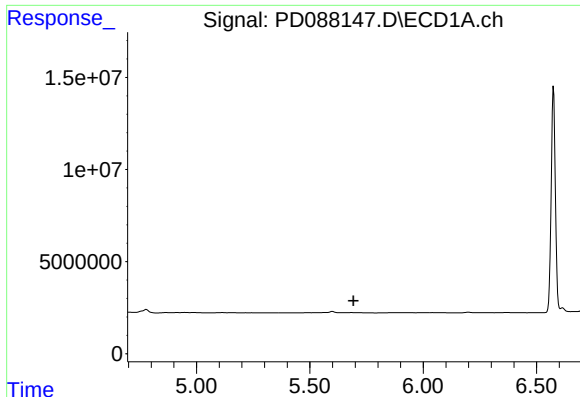
#7 delta-BHC

R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 3213871
Conc: 0.78 ng/ml



#7 delta-BHC

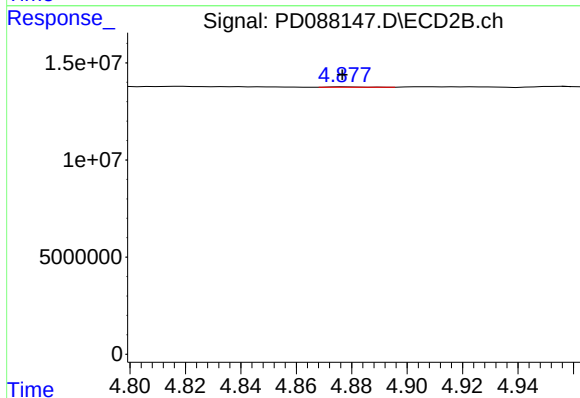
R.T.: 4.261 min
Delta R.T.: -0.004 min
Response: 698676
Conc: 0.03 ng/ml



#8 Heptachlor epoxide

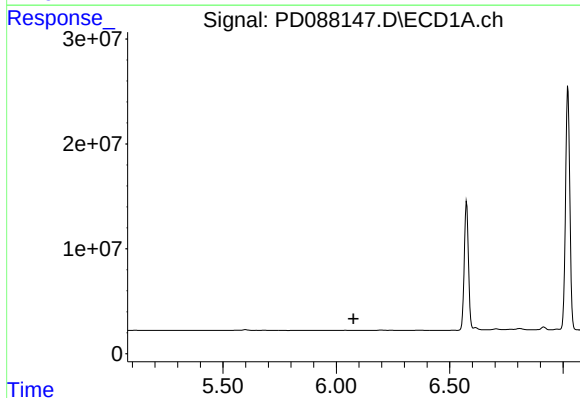
R.T.: 0.000 min
Exp R.T. : 5.692 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



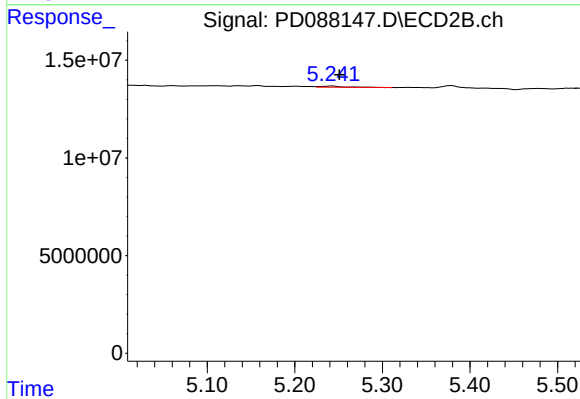
#8 Heptachlor epoxide

R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 147901
Conc: 0.01 ng/ml



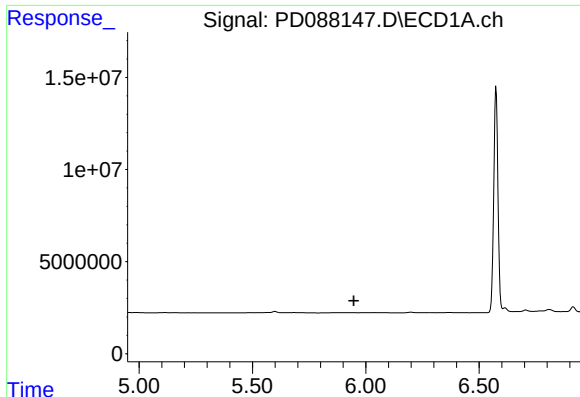
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 6.076 min
Response: 0
Conc: N.D.



#9 Endosulfan I

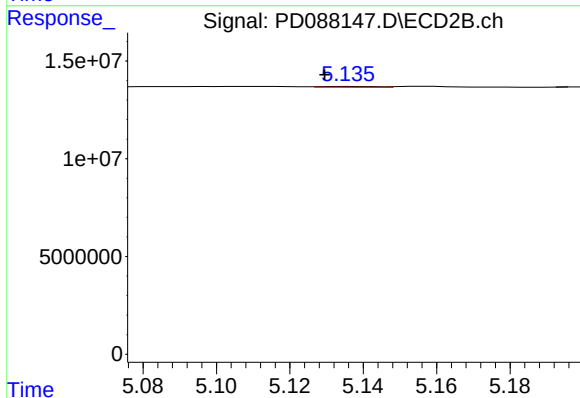
R.T.: 5.243 min
Delta R.T.: -0.009 min
Response: 865667
Conc: 0.05 ng/ml



#10 gamma-Chlordane

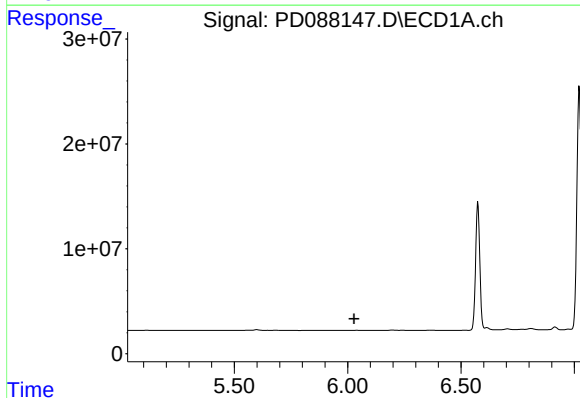
R.T.: 0.000 min
Exp R.T.: 5.947 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



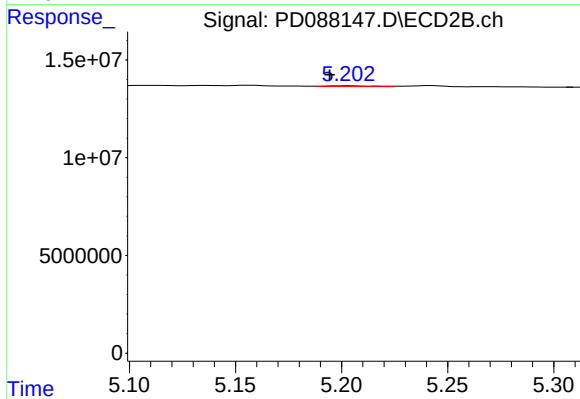
#10 gamma-Chlordane

R.T.: 5.136 min
Delta R.T.: 0.007 min
Response: 495848
Conc: 0.02 ng/ml



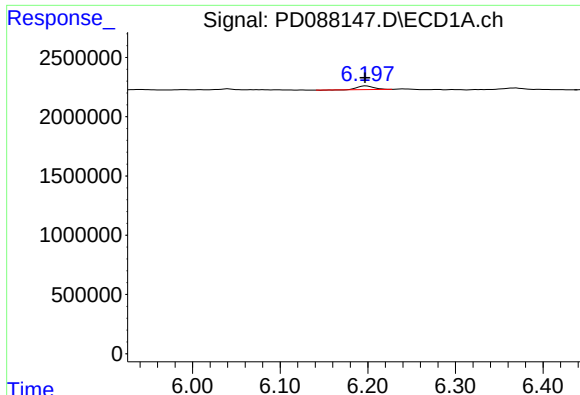
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T.: 6.029 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

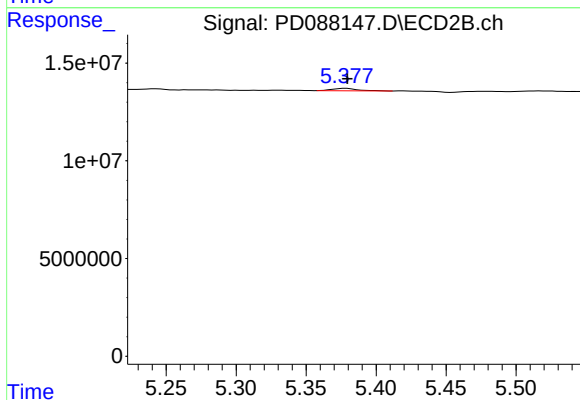
R.T.: 5.203 min
Delta R.T.: 0.008 min
Response: 659536
Conc: 0.03 ng/ml



#12 4,4'-DDE

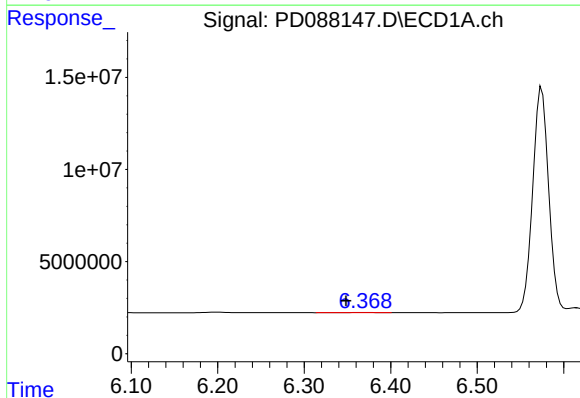
R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 405562
Conc: 0.12 ng/ml

Instrument :
ECD_D
ClientSampleId :



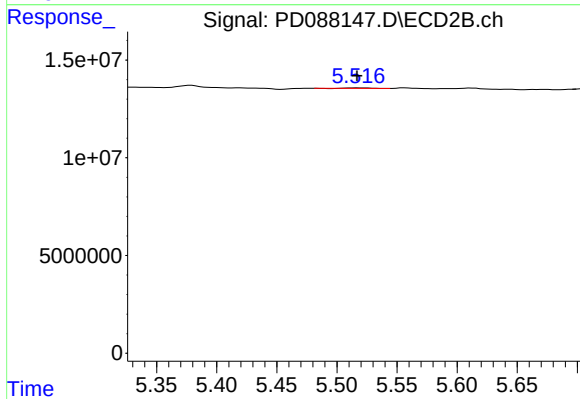
#12 4,4'-DDE

R.T.: 5.378 min
Delta R.T.: -0.001 min
Response: 1541552
Conc: 0.08 ng/ml



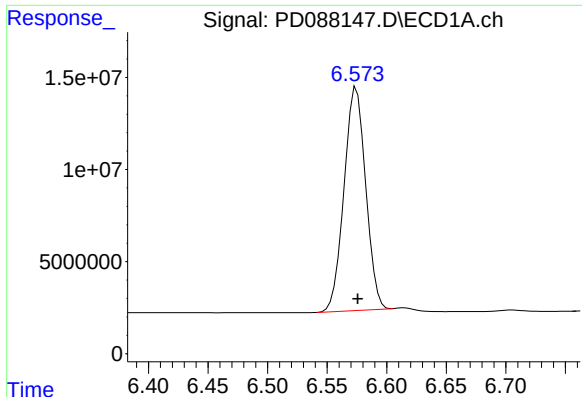
#13 Dieldrin

R.T.: 6.368 min
Delta R.T.: 0.019 min
Response: 260603
Conc: 0.07 ng/ml



#13 Dieldrin

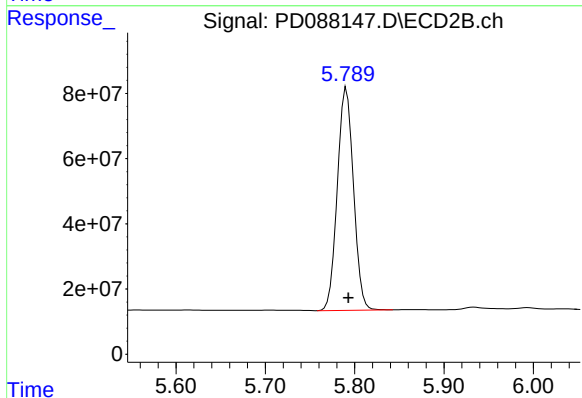
R.T.: 5.517 min
Delta R.T.: 0.000 min
Response: 303491
Conc: 0.02 ng/ml



#14 Endrin

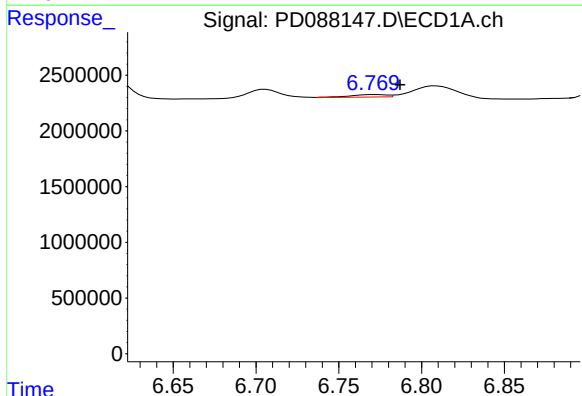
R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 153372466
Conc: 51.42 ng/ml

Instrument :
ECD_D
ClientSampleId :



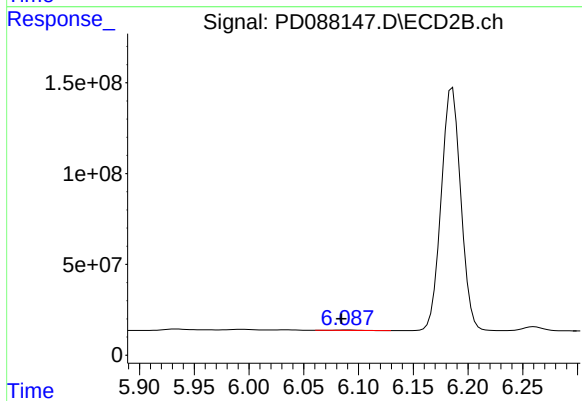
#14 Endrin

R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 857050052
Conc: 47.08 ng/ml



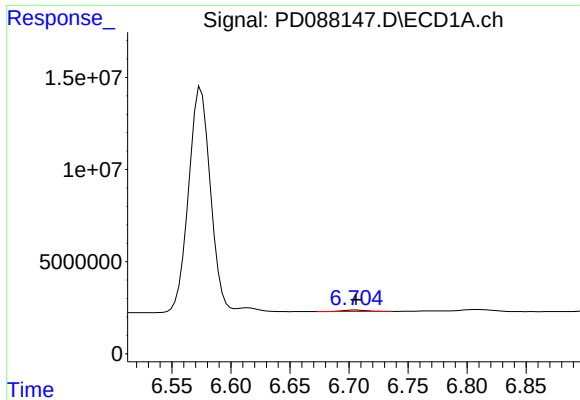
#15 Endosulfan II

R.T.: 6.771 min
Delta R.T.: -0.016 min
Response: 352074
Conc: 0.11 ng/ml



#15 Endosulfan II

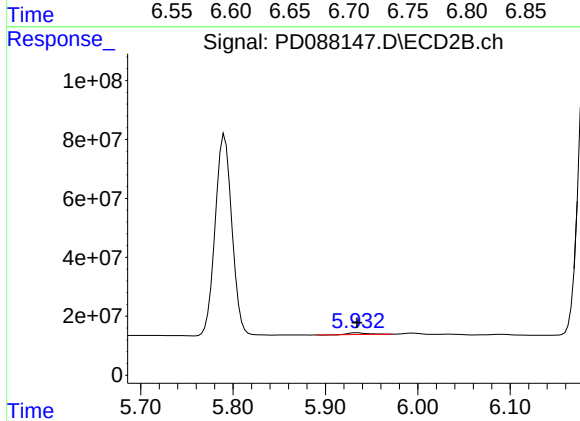
R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 3789532
Conc: 0.22 ng/ml



#16 4,4'-DDD

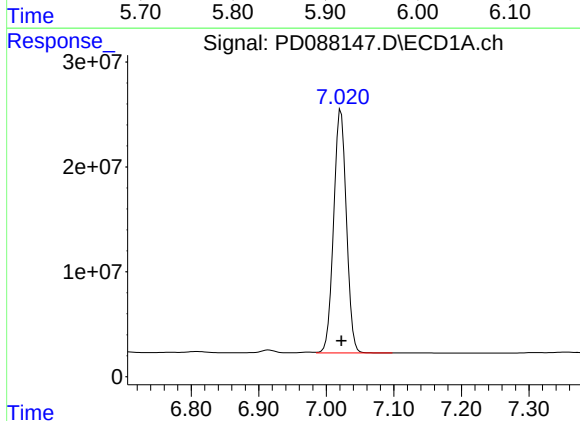
R.T.: 6.706 min
Delta R.T.: 0.000 min
Response: 1110057
Conc: 0.44 ng/ml

Instrument :
ECD_D
ClientSampleId :



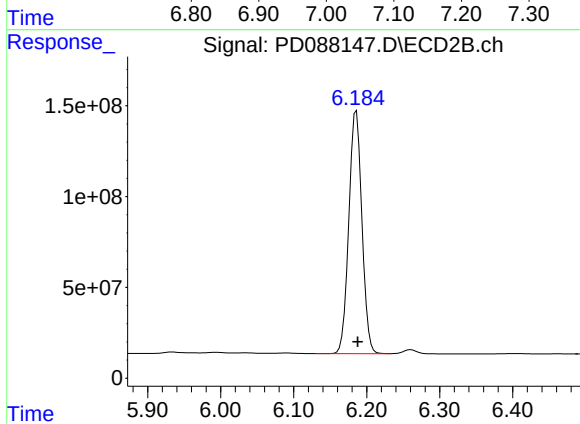
#16 4,4'-DDD

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 8638885
Conc: 0.53 ng/ml



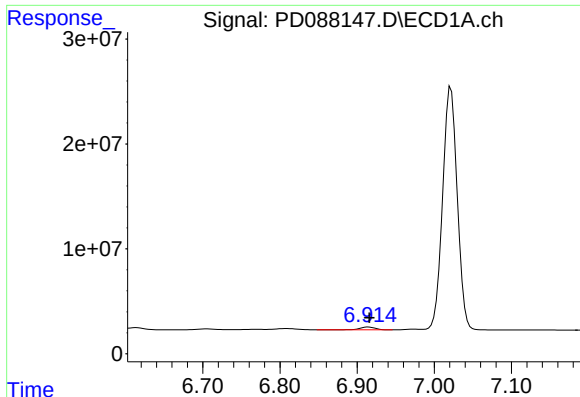
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 305737206
Conc: 110.07 ng/ml



#17 4,4'-DDT

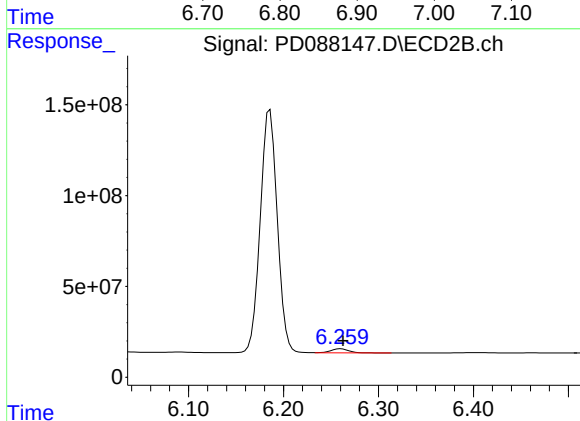
R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 1668089018
Conc: 98.03 ng/ml



#18 Endrin aldehyde

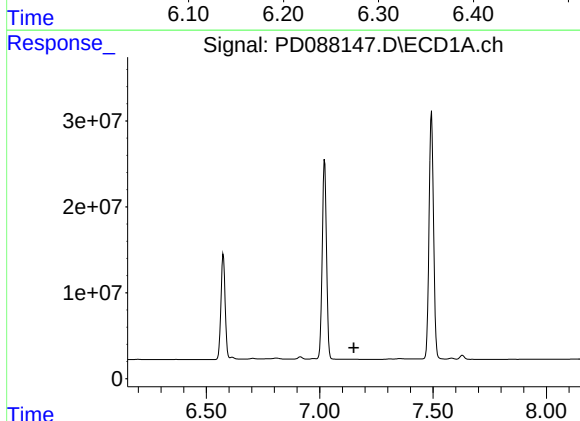
R.T.: 6.915 min
Delta R.T.: -0.001 min
Response: 3693568
Conc: 1.60 ng/ml

Instrument :
ECD_D
ClientSampleId :



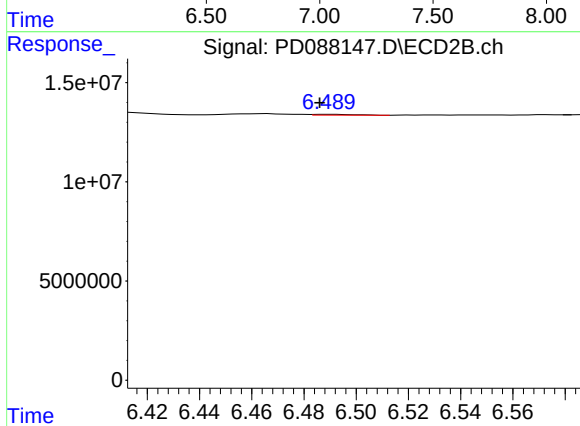
#18 Endrin aldehyde

R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 28532707
Conc: 2.15 ng/ml



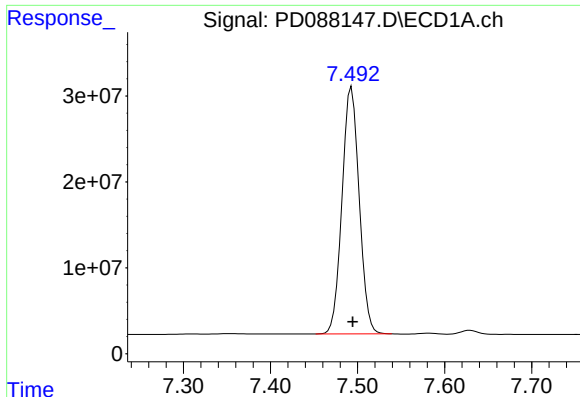
#19 Endosulfan Sulfate

R.T.: 0.000 min
Exp R.T. : 7.150 min
Response: 0
Conc: N.D.



#19 Endosulfan Sulfate

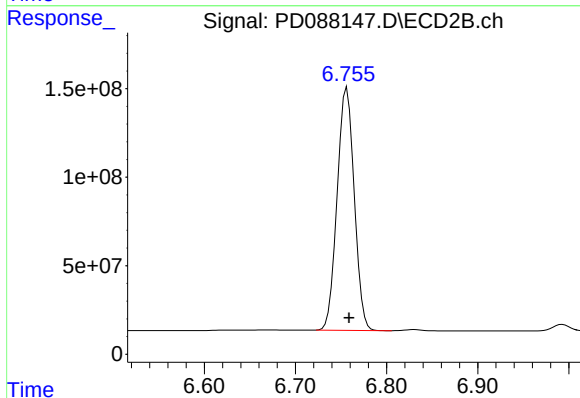
R.T.: 6.490 min
Delta R.T.: 0.004 min
Response: 456836
Conc: 0.03 ng/ml



#20 Methoxychlor

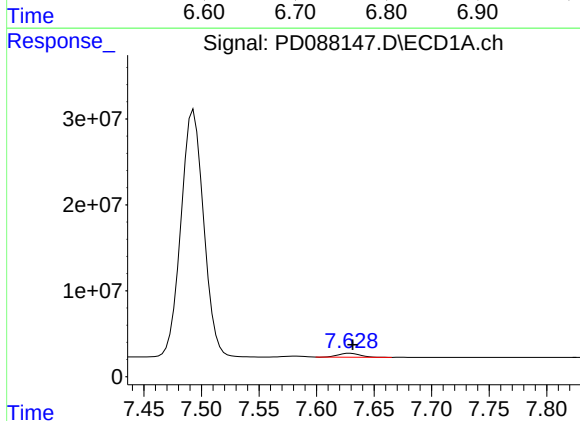
R.T.: 7.493 min
Delta R.T.: -0.001 min
Response: 393881741
Conc: 262.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



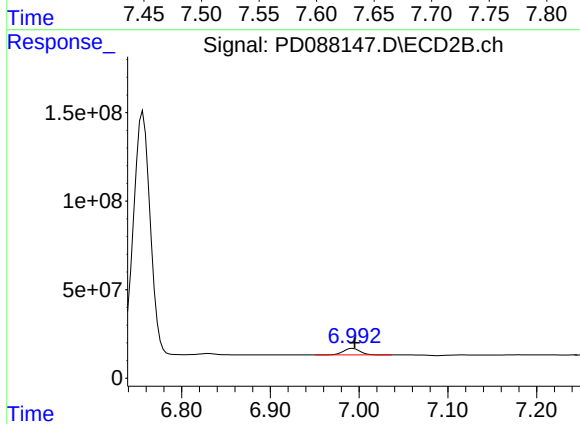
#20 Methoxychlor

R.T.: 6.757 min
Delta R.T.: -0.002 min
Response: 1789103064
Conc: 196.15 ng/ml



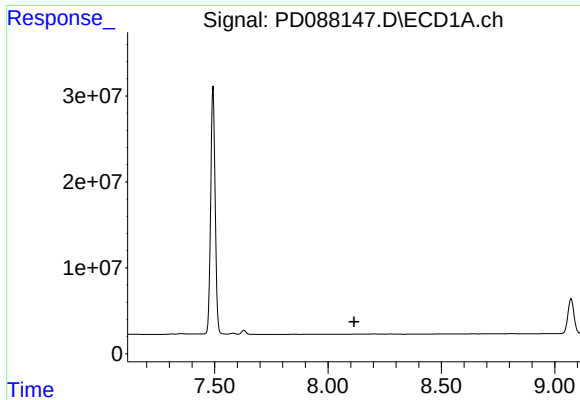
#21 Endrin ketone

R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 5965225
Conc: 1.93 ng/ml



#21 Endrin ketone

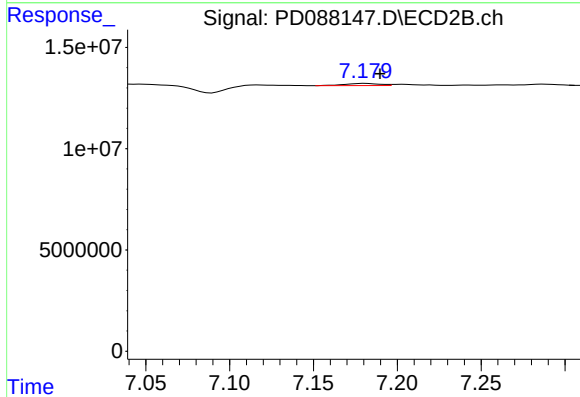
R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 46897482
Conc: 2.51 ng/ml



#22 Mirex

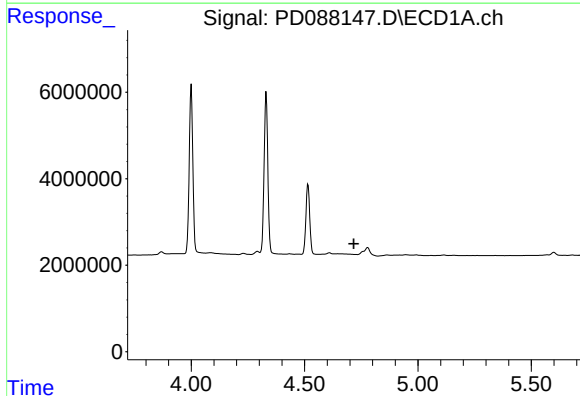
R.T.: 0.000 min
Exp R.T.: 8.115 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



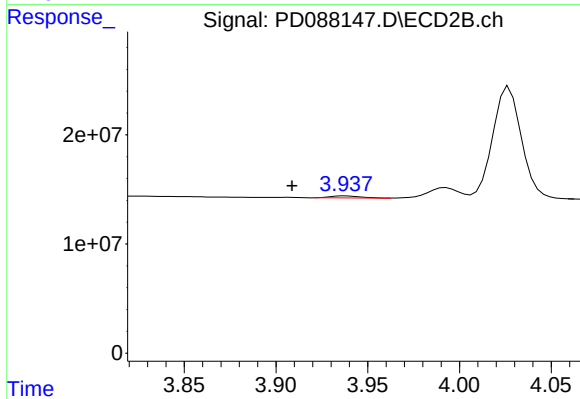
#22 Mirex

R.T.: 7.181 min
Delta R.T.: -0.009 min
Response: 1555574
Conc: 0.10 ng/ml



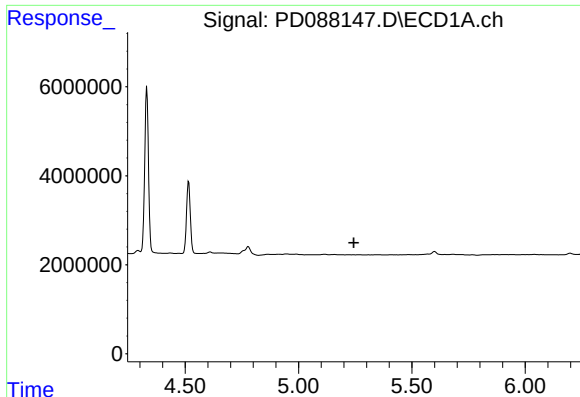
#23 Chlordane-1

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



#23 Chlordane-1

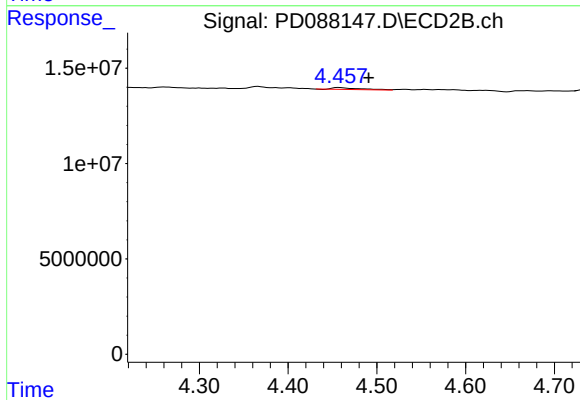
R.T.: 3.938 min
Delta R.T.: 0.030 min
Response: 2179445
Conc: 2.72 ng/ml



#24 Chlordane-2

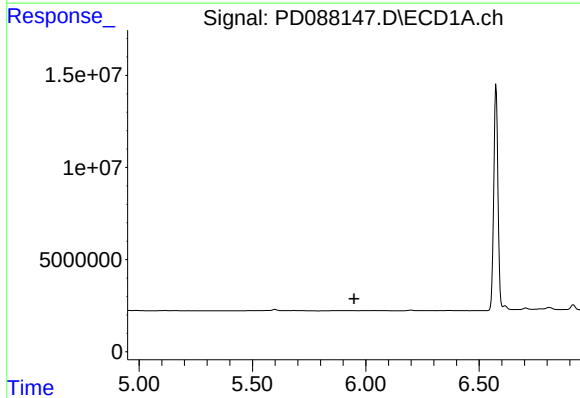
R.T.: 0.000 min
Exp R.T.: 5.243 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



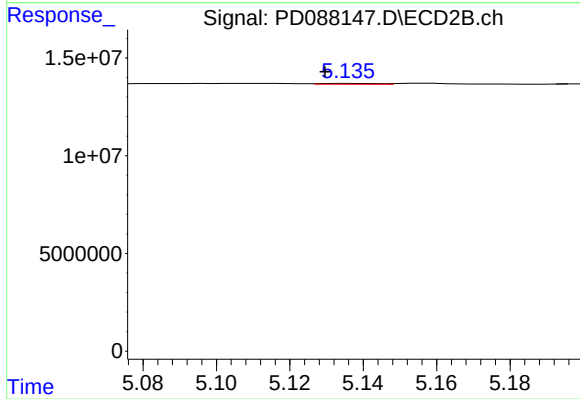
#24 Chlordane-2

R.T.: 4.458 min
Delta R.T.: -0.033 min
Response: 2172430
Conc: 2.63 ng/ml



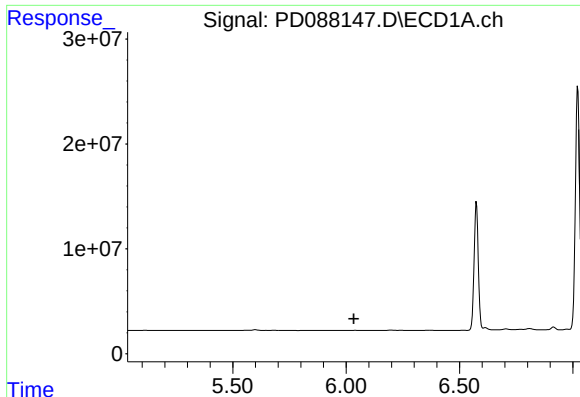
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T.: 5.948 min
Response: 0
Conc: N.D.



#25 Chlordane-3

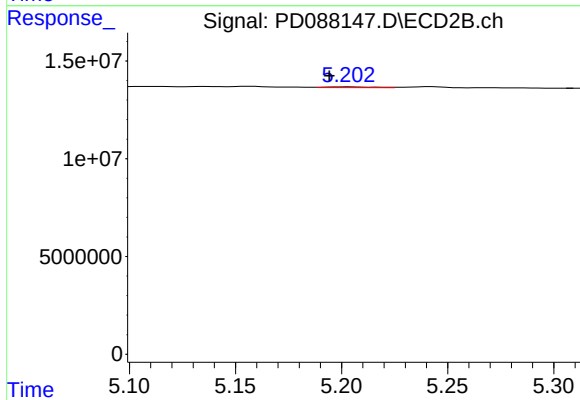
R.T.: 5.136 min
Delta R.T.: 0.007 min
Response: 495848
Conc: 0.20 ng/ml



#26 Chlordane-4

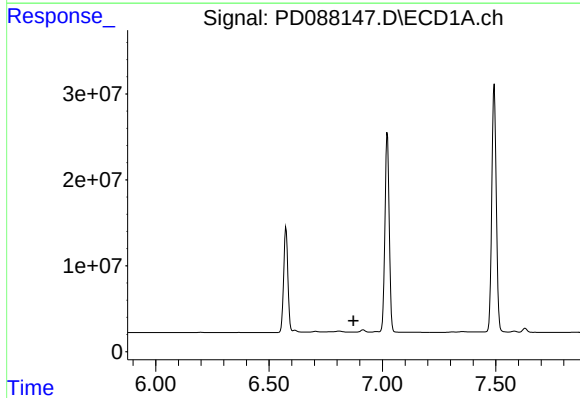
R.T.: 0.000 min
Exp R.T.: 6.034 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :



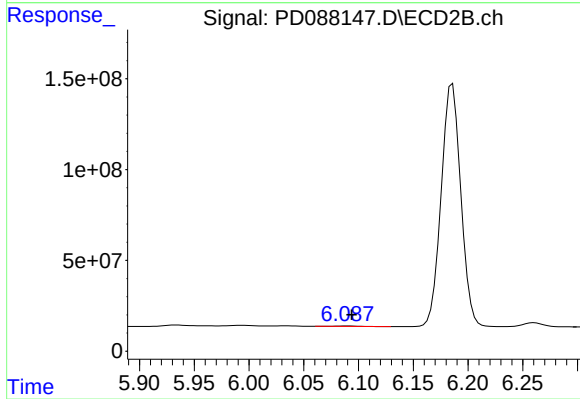
#26 Chlordane-4

R.T.: 5.203 min
Delta R.T.: 0.009 min
Response: 659536
Conc: 0.31 ng/ml



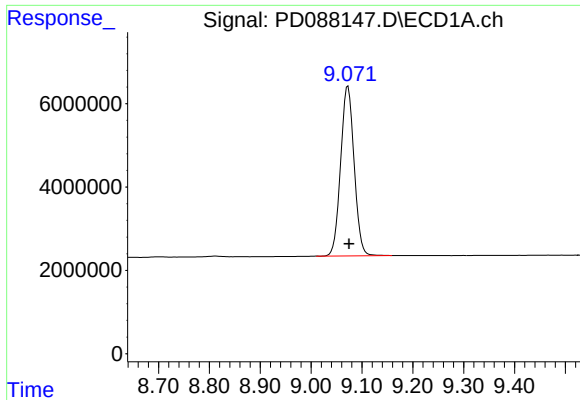
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.



#27 Chlordane-5

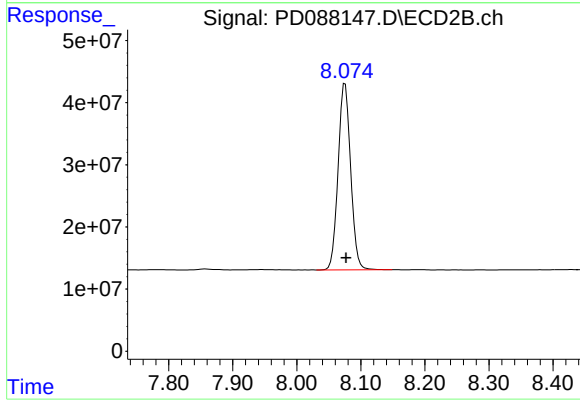
R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 3789532
Conc: 3.92 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.002 min
Response: 74984728
Conc: 22.67 ng/ml

Instrument :
ECD_D
ClientSampleId :



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.001 min
Response: 407419601
Conc: 22.05 ng/ml