

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
 Data File : PD088879.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 10 Jun 2025 17:46
 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 11 07:42:08 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...	3.548	2.880	50914155	320.0E6	23.531	21.157
28)	SA Decachlor...	9.073	8.073	69548566	314.5E6	20.322	17.228
Target Compounds							
2)	A alpha-BHC	3.998	3.392	47468403	261.4E6	9.938	10.936
3)	MA gamma-BHC...	4.329	3.729	47077650	242.9E6	10.228	10.956
4)	MA Heptachlor	4.941	4.078	551596	1531423	0.123	0.068 #
5)	MB Aldrin	5.262	4.364	-22249	4584855	N.D.	0.209
6)	B beta-BHC	4.514	4.025	20069670	107.7E6	11.130	11.052
7)	B delta-BHC	4.757	4.258	1123165	990307	0.266	0.044 #
8)	B Heptachlo...	5.678f	4.871	1785978	1100432	0.450	0.055 #
9)	A Endosulfan I	6.104f	0.000	496492	0	0.132	N.D. #
10)	B gamma-Chl...	5.945	5.126	219068	22497535	0.055	1.055 #
11)	B alpha-Chl...	6.035	5.191	599672	6220959	0.150	0.302 #
12)	B 4,4'-DDE	6.197	5.378	532815	6031536	0.148	0.289 #
13)	MA Dieldrin	6.366f	5.504	1226057	95166	0.306	0.005 #
14)	MA Endrin	6.574	5.789	168.1E6	898.6E6	49.227	46.598
15)	B Endosulfa...	6.772f	6.087	240986	2164806	0.070	0.118 #
16)	A 4,4'-DDD	6.704	5.930	5829649	40901420	2.093	2.352
17)	MA 4,4'-DDT	7.020	6.184	280.1E6	1512.0E6	89.720	83.364
18)	B Endrin al...	6.919	6.257	4595392	8006243	1.785	0.575 #
20)	A Methoxychlor	7.492	6.755	340.1E6	1635.6E6	203.570	170.824
21)	B Endrin ke...	7.630	6.991	3819940	22145293	1.116	1.145
22)	Mirex	0.000	7.177	0	4559623	N.D.	0.300 #
23)	Chlordane-1	0.000	3.901	0	916363	N.D.	1.109 #
24)	Chlordane-2	5.262	4.486	-22249	11654202	N.D.	13.808
25)	Chlordane-3	5.945	5.126	219068	22497535	0.296	8.532 #
26)	Chlordane-4	6.035	5.191	599672	6220959	0.669	2.812 #
27)	Chlordane-5	0.000	6.087	0	2164806	N.D.	2.163 #

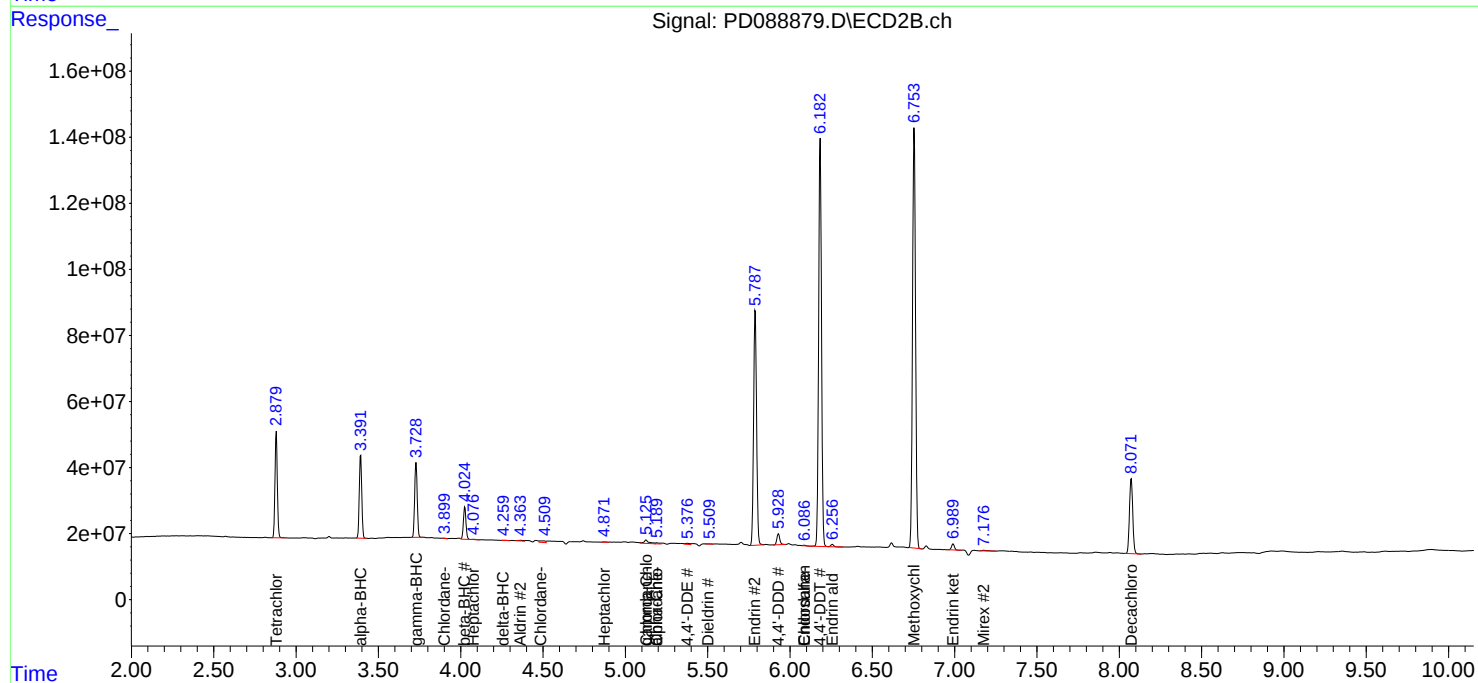
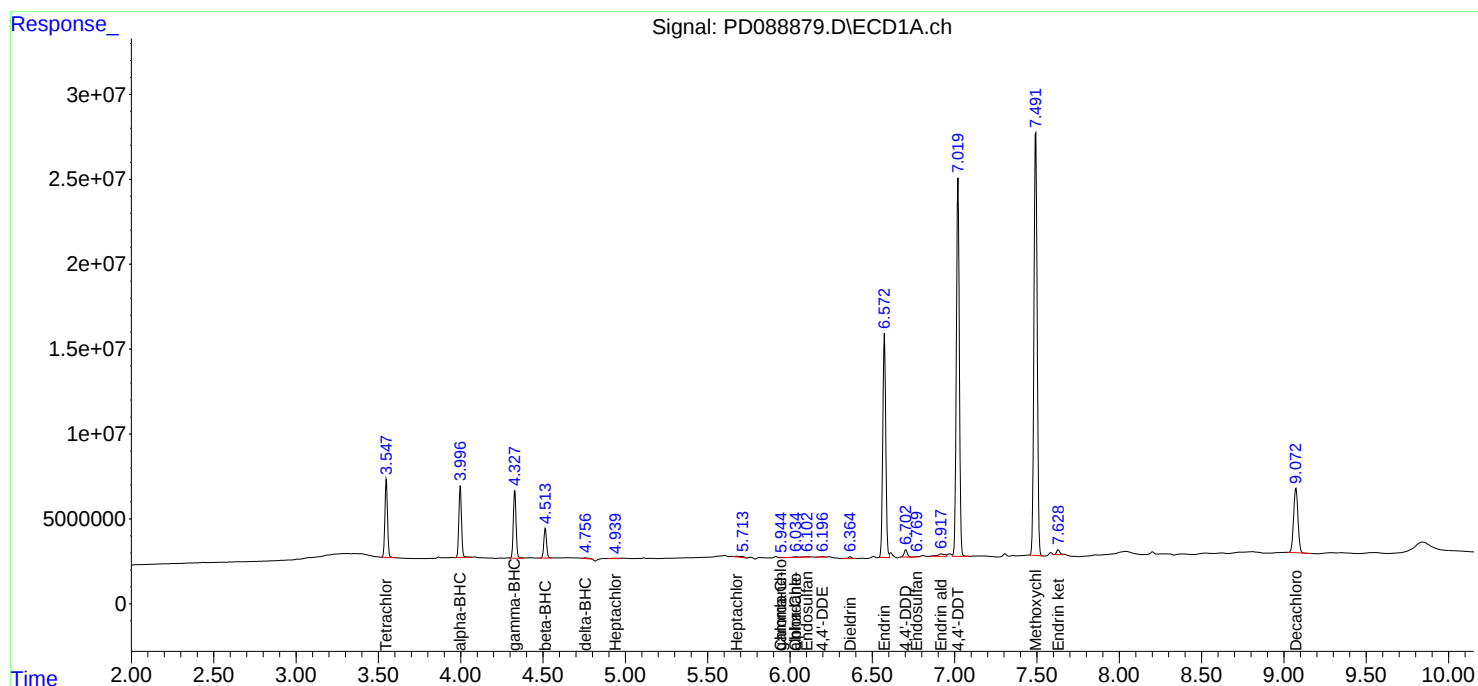
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

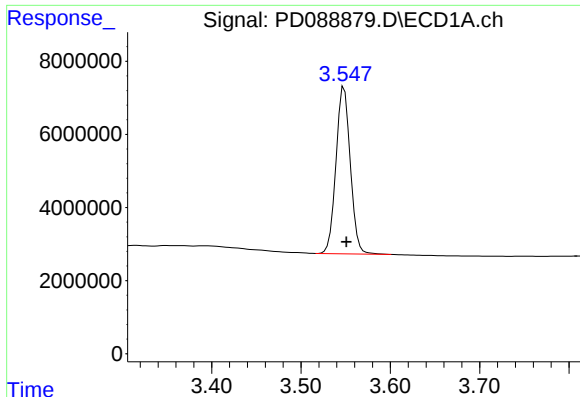
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061025\
Data File : PD088879.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 10 Jun 2025 17:46
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 11 07:42:08 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
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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

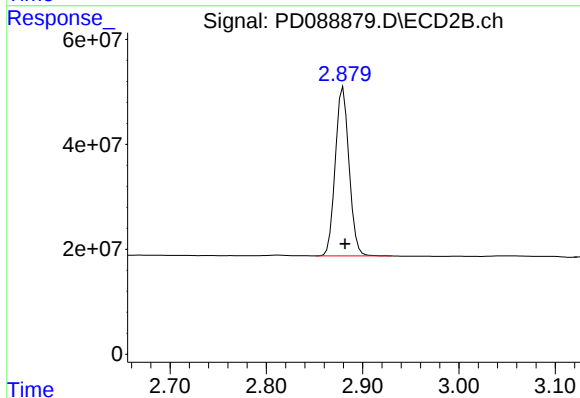




#1 Tetrachloro-m-xylene

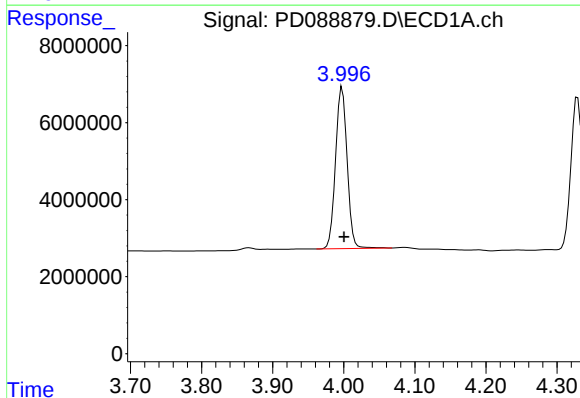
R.T.: 3.548 min
Delta R.T.: -0.003 min
Response: 50914155
Conc: 23.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



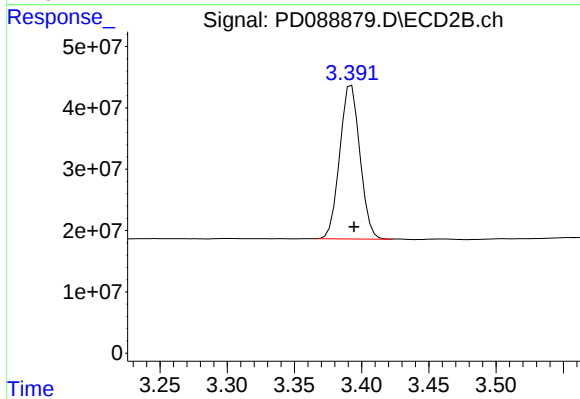
#1 Tetrachloro-m-xylene

R.T.: 2.880 min
Delta R.T.: -0.002 min
Response: 320036558
Conc: 21.16 ng/ml



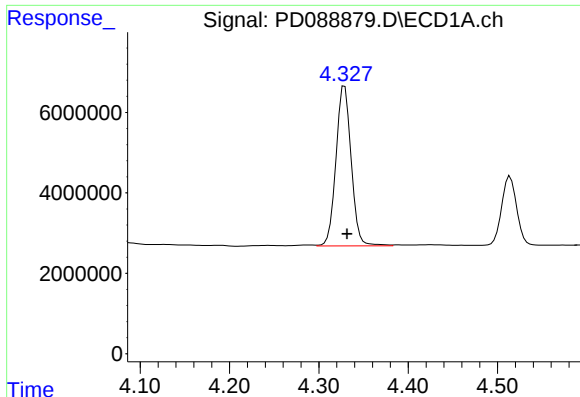
#2 alpha-BHC

R.T.: 3.998 min
Delta R.T.: -0.003 min
Response: 47468403
Conc: 9.94 ng/ml



#2 alpha-BHC

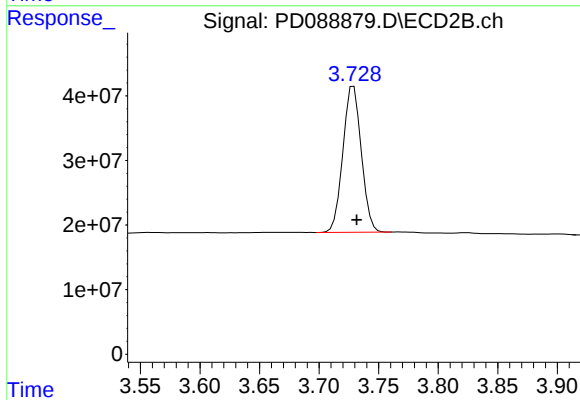
R.T.: 3.392 min
Delta R.T.: -0.002 min
Response: 261413427
Conc: 10.94 ng/ml



#3 gamma-BHC (Lindane)

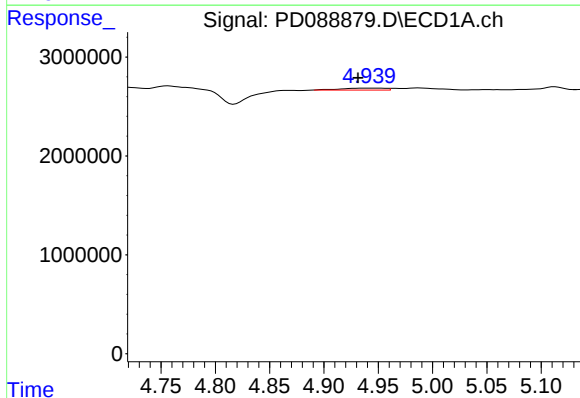
R.T.: 4.329 min
Delta R.T.: -0.003 min
Response: 47077650
Conc: 10.23 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



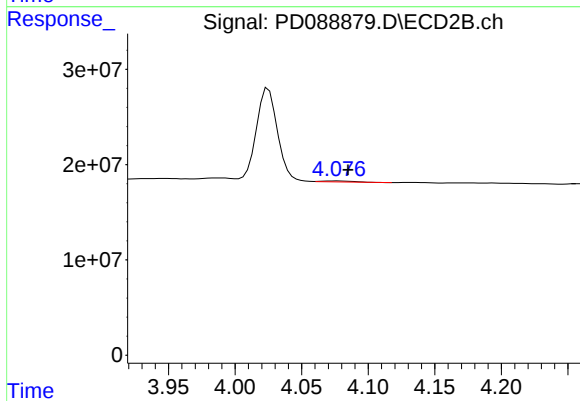
#3 gamma-BHC (Lindane)

R.T.: 3.729 min
Delta R.T.: -0.002 min
Response: 242856400
Conc: 10.96 ng/ml



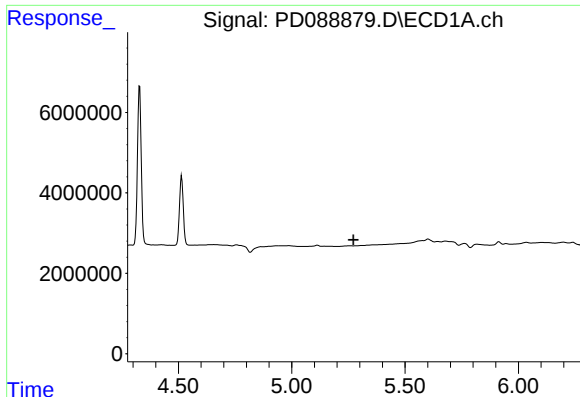
#4 Heptachlor

R.T.: 4.941 min
Delta R.T.: 0.009 min
Response: 551596
Conc: 0.12 ng/ml



#4 Heptachlor

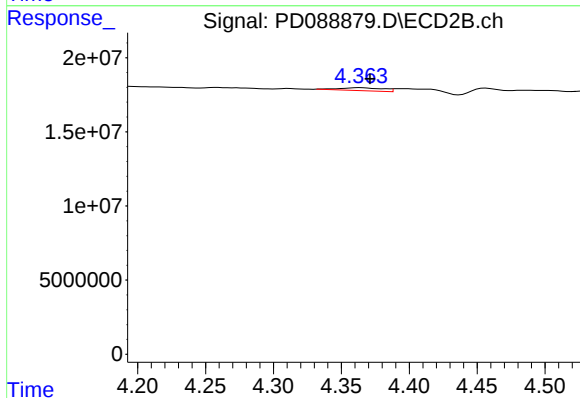
R.T.: 4.078 min
Delta R.T.: -0.007 min
Response: 1531423
Conc: 0.07 ng/ml



#5 Aldrin

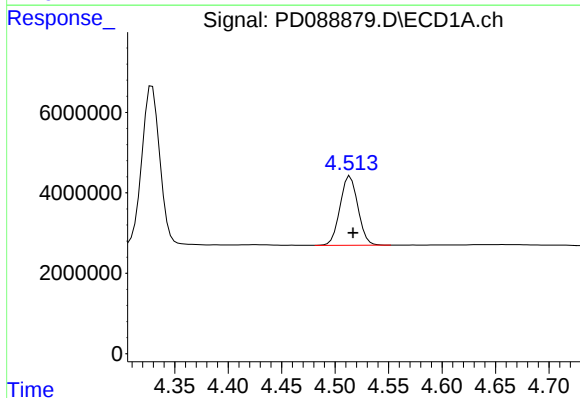
R.T.: 5.262 min
Delta R.T.: -0.011 min
Response: -22249
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



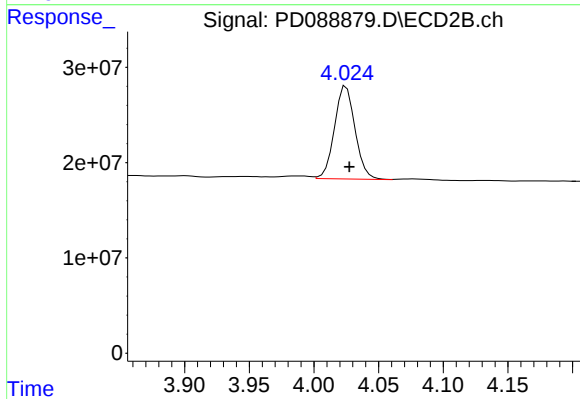
#5 Aldrin

R.T.: 4.364 min
Delta R.T.: -0.007 min
Response: 4584855
Conc: 0.21 ng/ml



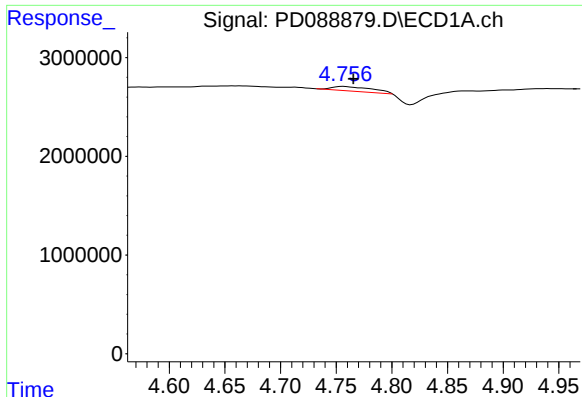
#6 beta-BHC

R.T.: 4.514 min
Delta R.T.: -0.003 min
Response: 20069670
Conc: 11.13 ng/ml



#6 beta-BHC

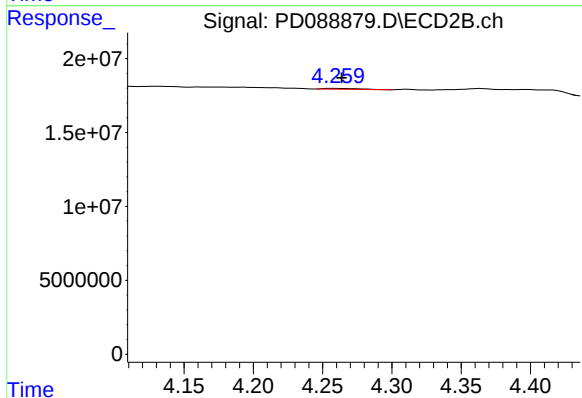
R.T.: 4.025 min
Delta R.T.: -0.002 min
Response: 107667916
Conc: 11.05 ng/ml



#7 delta-BHC

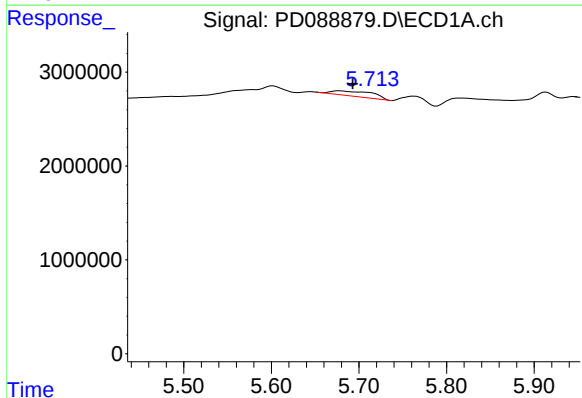
R.T.: 4.757 min
Delta R.T.: -0.009 min
Response: 1123165
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



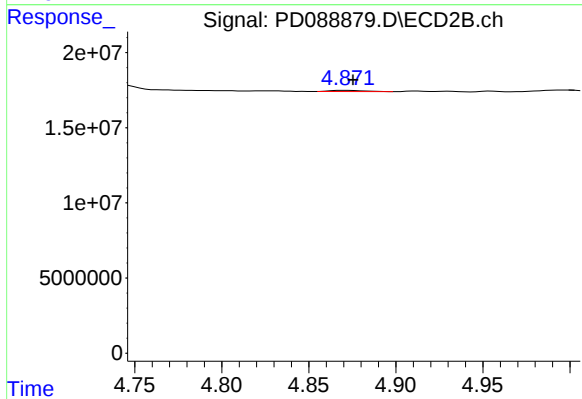
#7 delta-BHC

R.T.: 4.258 min
Delta R.T.: -0.006 min
Response: 990307
Conc: 0.04 ng/ml



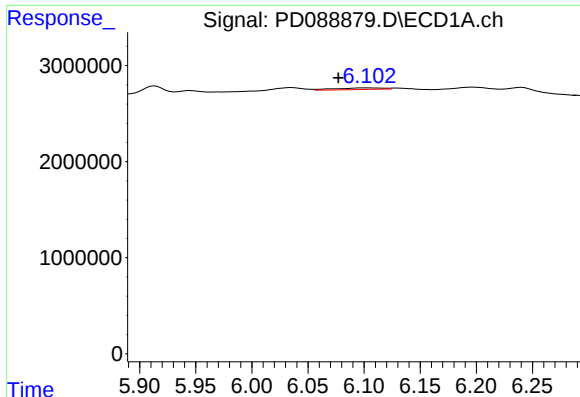
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.015 min
Response: 1785978
Conc: 0.45 ng/ml



#8 Heptachlor epoxide

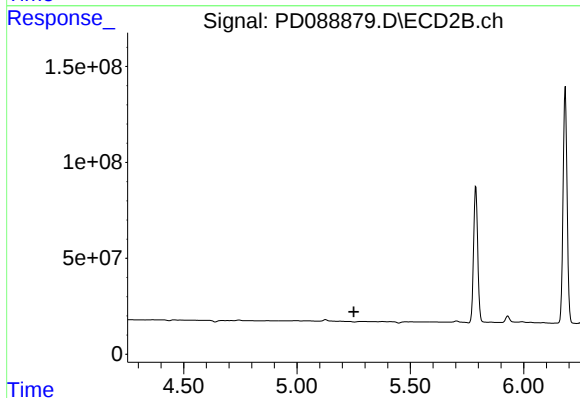
R.T.: 4.871 min
Delta R.T.: -0.004 min
Response: 1100432
Conc: 0.06 ng/ml



#9 Endosulfan I

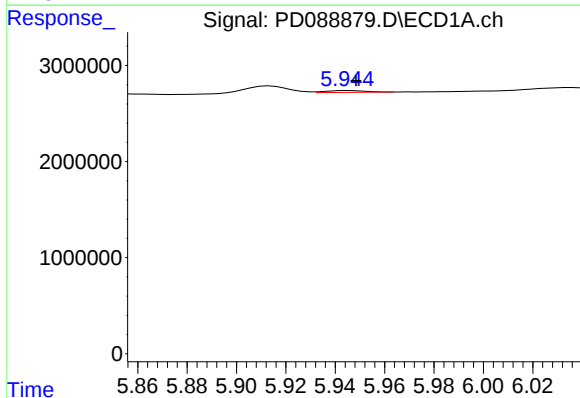
R.T.: 6.104 min
Delta R.T.: 0.027 min
Response: 496492
Conc: 0.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



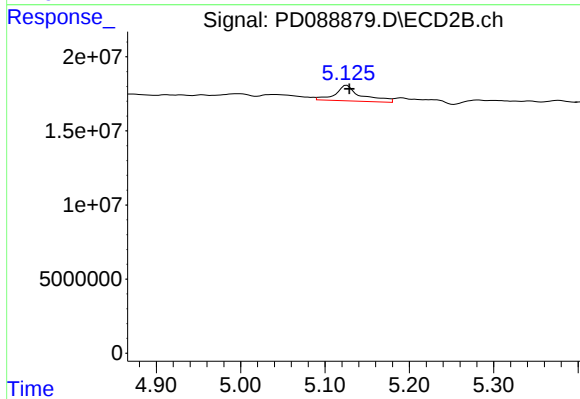
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T. : 5.250 min
Response: 0
Conc: N.D.



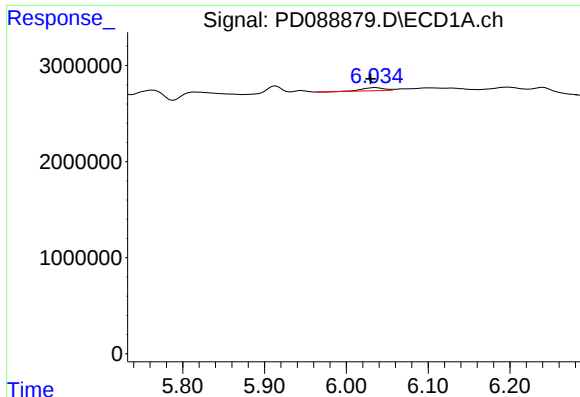
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 219068
Conc: 0.05 ng/ml



#10 gamma-Chlordane

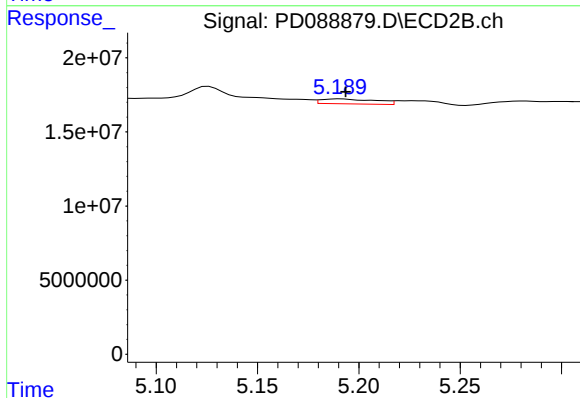
R.T.: 5.126 min
Delta R.T.: -0.003 min
Response: 22497535
Conc: 1.05 ng/ml



#11 alpha-Chlordane

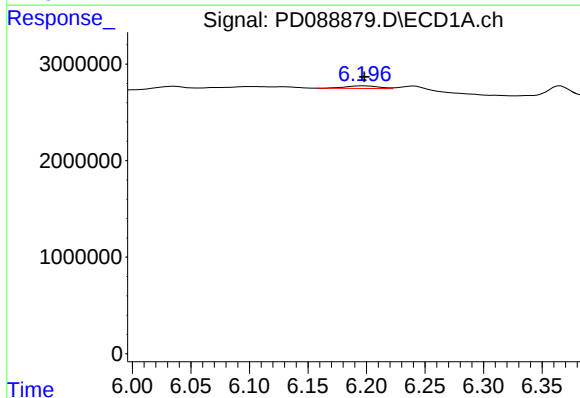
R.T.: 6.035 min
Delta R.T.: 0.006 min
Response: 599672
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



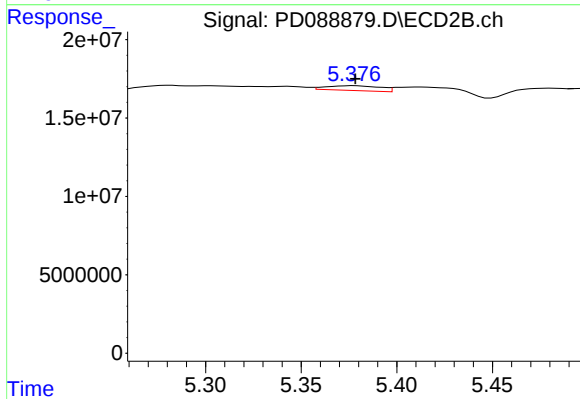
#11 alpha-Chlordane

R.T.: 5.191 min
Delta R.T.: -0.003 min
Response: 6220959
Conc: 0.30 ng/ml



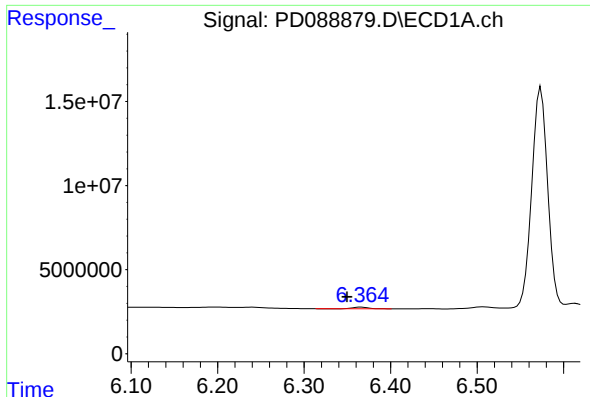
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.000 min
Response: 532815
Conc: 0.15 ng/ml



#12 4,4'-DDE

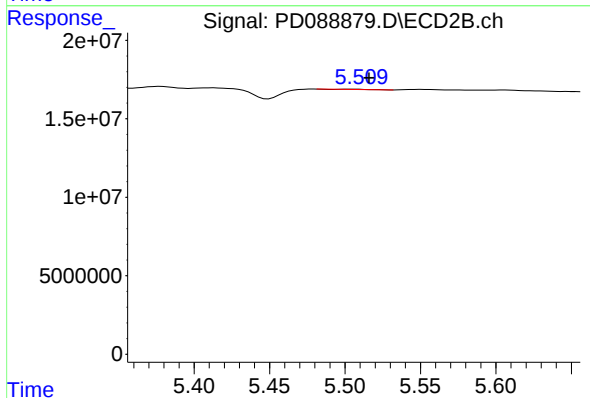
R.T.: 5.378 min
Delta R.T.: 0.000 min
Response: 6031536
Conc: 0.29 ng/ml



#13 Dieldrin

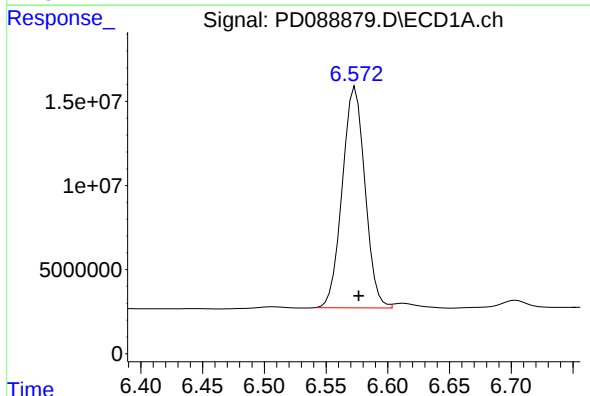
R.T.: 6.366 min
Delta R.T.: 0.016 min
Response: 1226057
Conc: 0.31 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



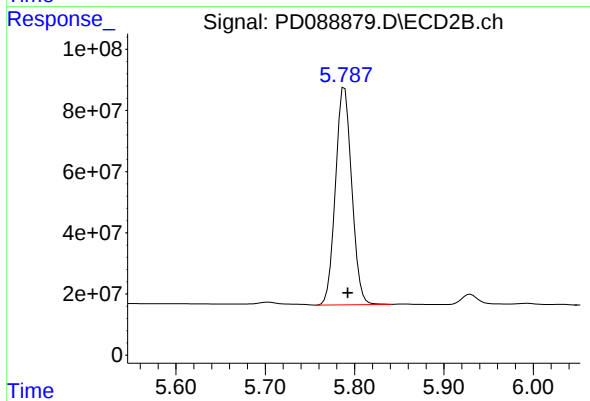
#13 Dieldrin

R.T.: 5.504 min
Delta R.T.: -0.012 min
Response: 95166
Conc: 0.00 ng/ml



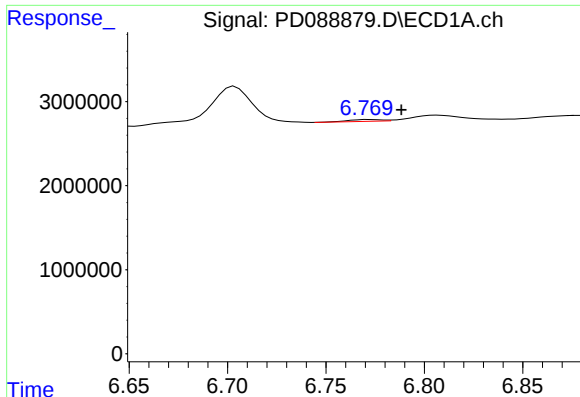
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.003 min
Response: 168118269
Conc: 49.23 ng/ml



#14 Endrin

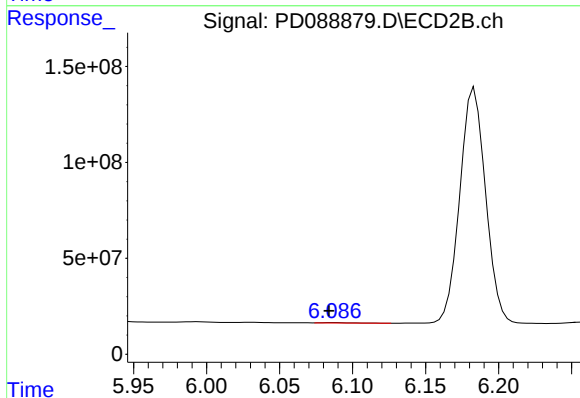
R.T.: 5.789 min
Delta R.T.: -0.003 min
Response: 898599962
Conc: 46.60 ng/ml



#15 Endosulfan II

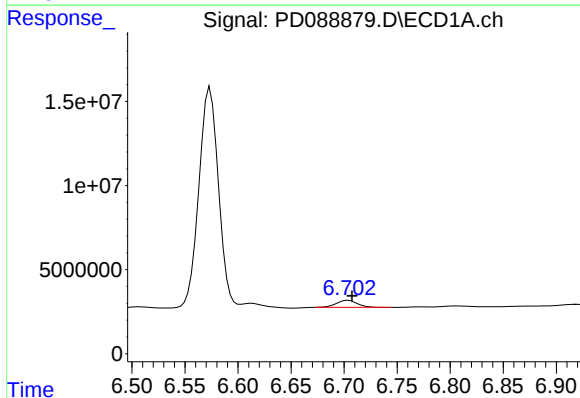
R.T.: 6.772 min
Delta R.T.: -0.016 min
Response: 240986
Conc: 0.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



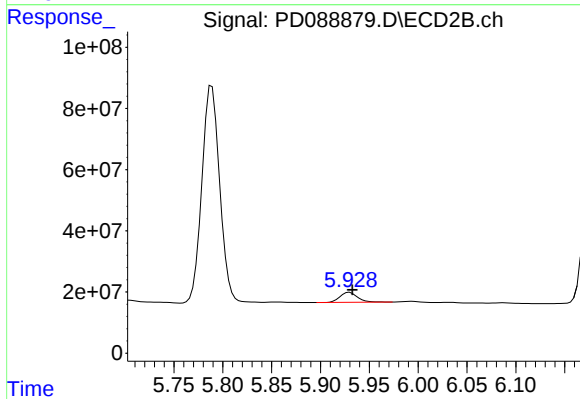
#15 Endosulfan II

R.T.: 6.087 min
Delta R.T.: 0.003 min
Response: 2164806
Conc: 0.12 ng/ml



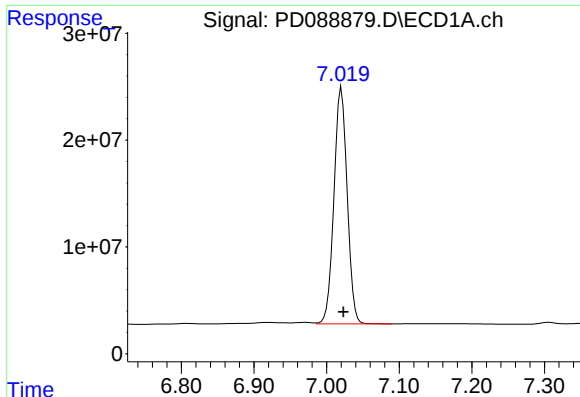
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.004 min
Response: 5829649
Conc: 2.09 ng/ml



#16 4,4'-DDD

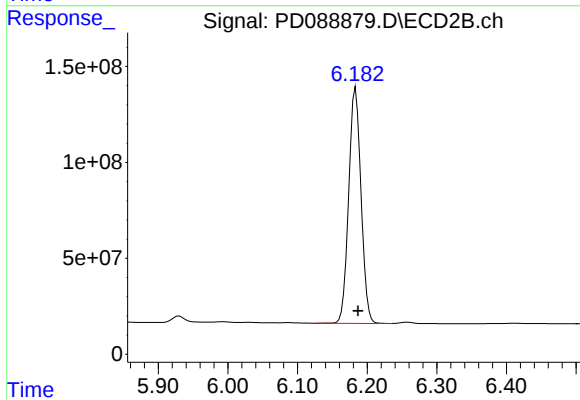
R.T.: 5.930 min
Delta R.T.: -0.003 min
Response: 40901420
Conc: 2.35 ng/ml



#17 4,4'-DDT

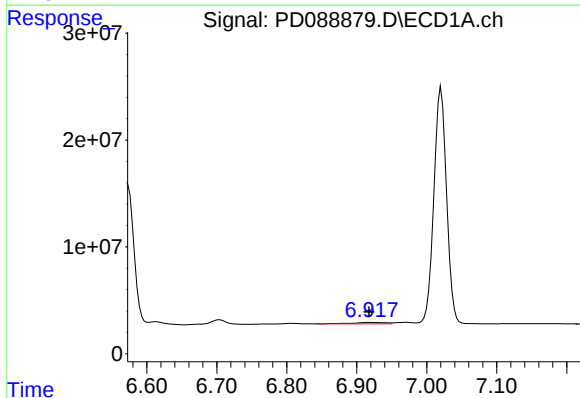
R.T.: 7.020 min
Delta R.T.: -0.003 min
Response: 280109482
Conc: 89.72 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



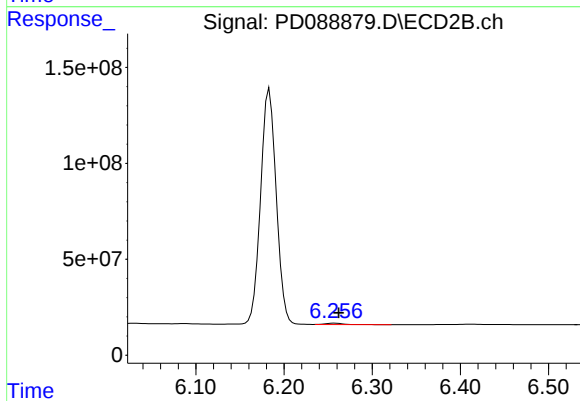
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 1511993197
Conc: 83.36 ng/ml



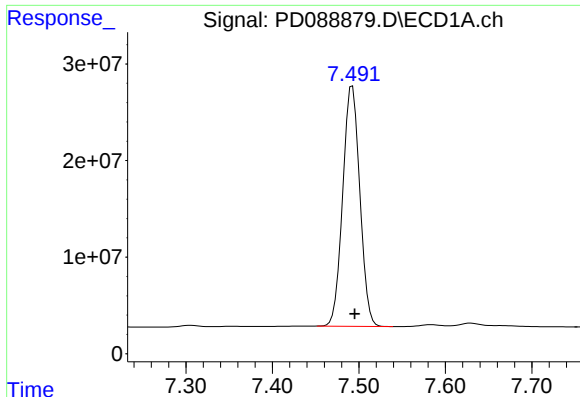
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: 0.001 min
Response: 4595392
Conc: 1.78 ng/ml



#18 Endrin aldehyde

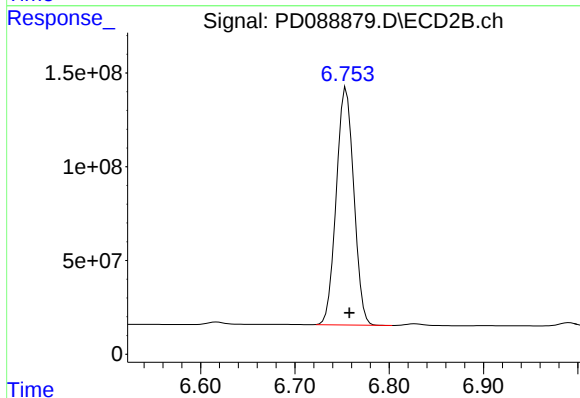
R.T.: 6.257 min
Delta R.T.: -0.005 min
Response: 8006243
Conc: 0.57 ng/ml



#20 Methoxychlor

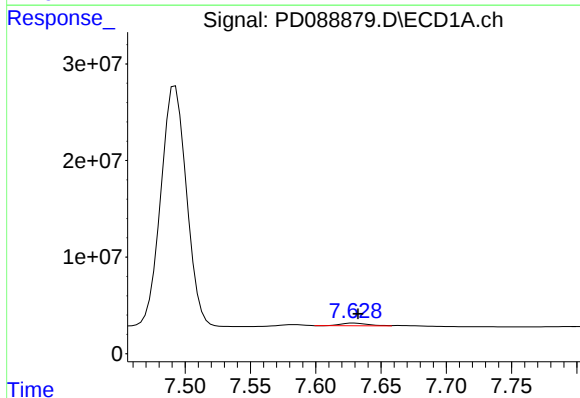
R.T.: 7.492 min
Delta R.T.: -0.003 min
Response: 340075321
Conc: 203.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



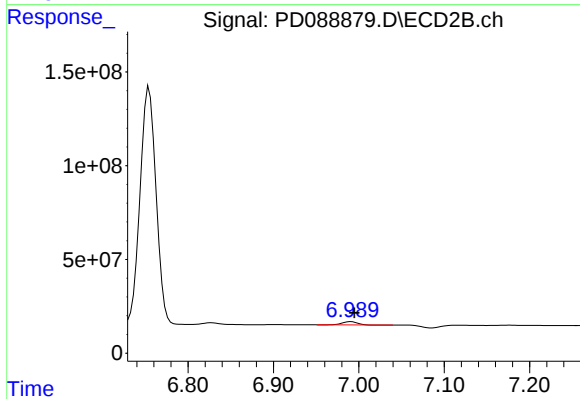
#20 Methoxychlor

R.T.: 6.755 min
Delta R.T.: -0.003 min
Response: 1635604122
Conc: 170.82 ng/ml



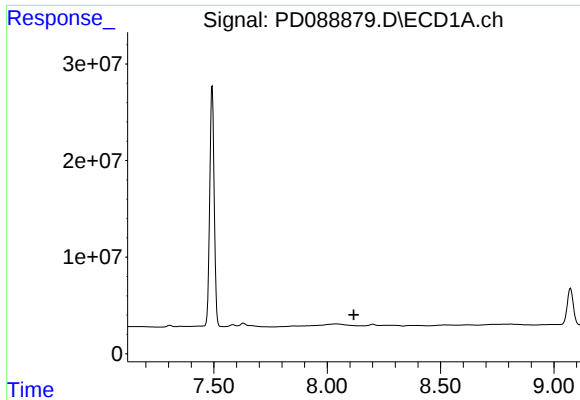
#21 Endrin ketone

R.T.: 7.630 min
Delta R.T.: -0.003 min
Response: 3819940
Conc: 1.12 ng/ml



#21 Endrin ketone

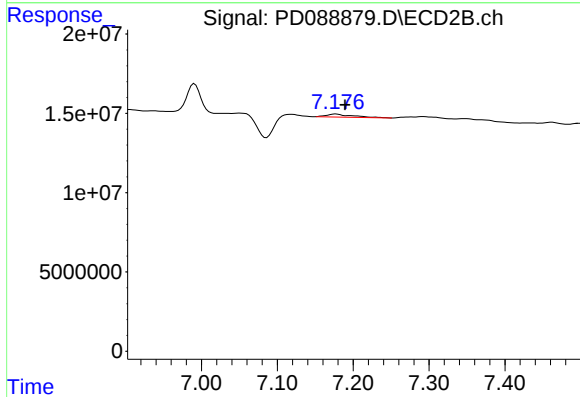
R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 22145293
Conc: 1.14 ng/ml



#22 Mirex

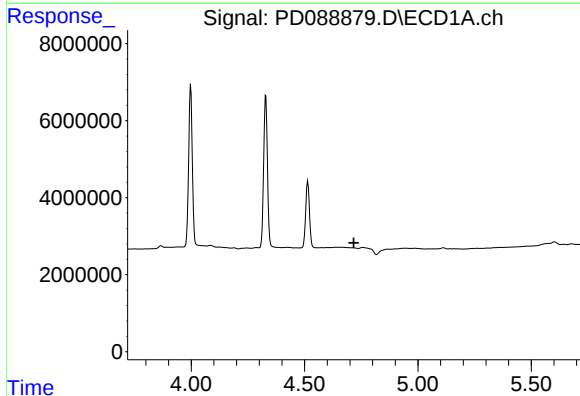
R.T.: 0.000 min
Exp R.T.: 8.117 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



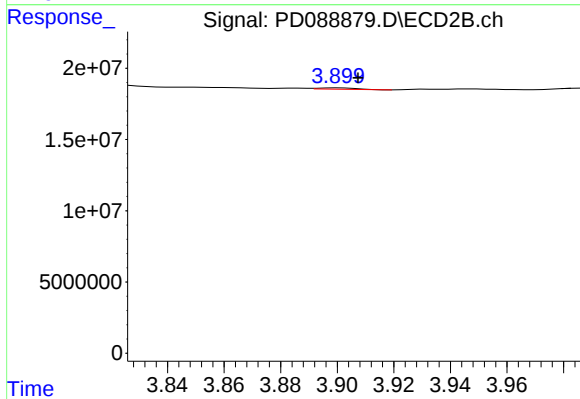
#22 Mirex

R.T.: 7.177 min
Delta R.T.: -0.012 min
Response: 4559623
Conc: 0.30 ng/ml



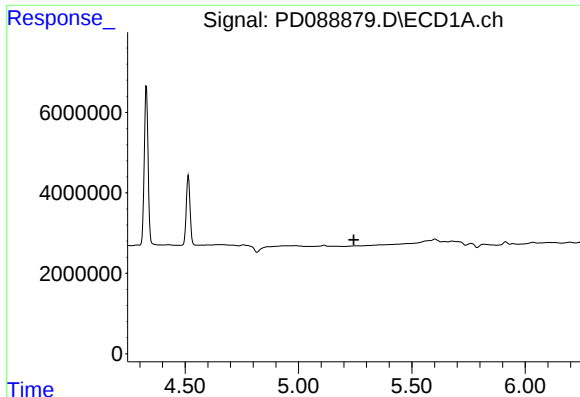
#23 Chlordane-1

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



#23 Chlordane-1

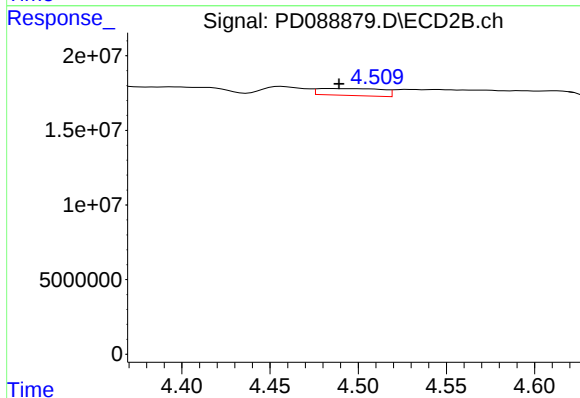
R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 916363
Conc: 1.11 ng/ml



#24 Chlordane-2

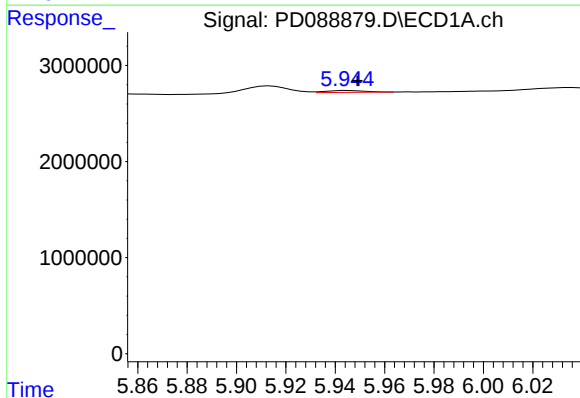
R.T.: 5.262 min
Delta R.T.: 0.018 min
Response: -22249
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



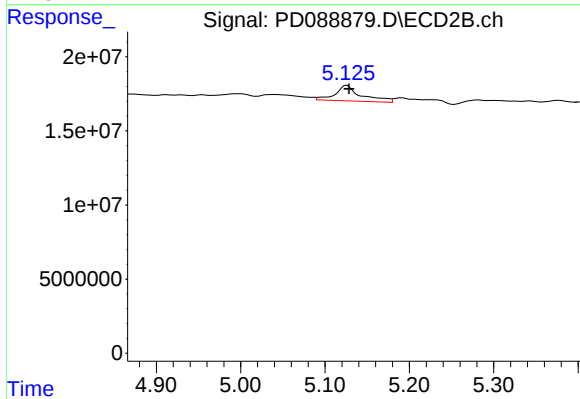
#24 Chlordane-2

R.T.: 4.486 min
Delta R.T.: -0.003 min
Response: 11654202
Conc: 13.81 ng/ml



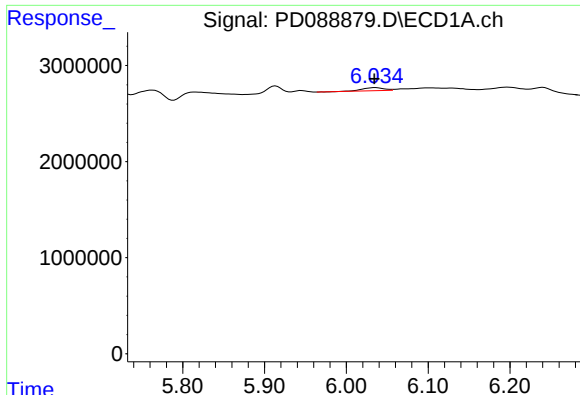
#25 Chlordane-3

R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 219068
Conc: 0.30 ng/ml



#25 Chlordane-3

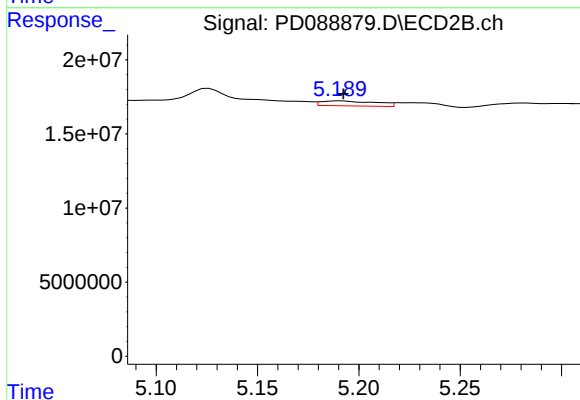
R.T.: 5.126 min
Delta R.T.: -0.002 min
Response: 22497535
Conc: 8.53 ng/ml



#26 Chlordane-4

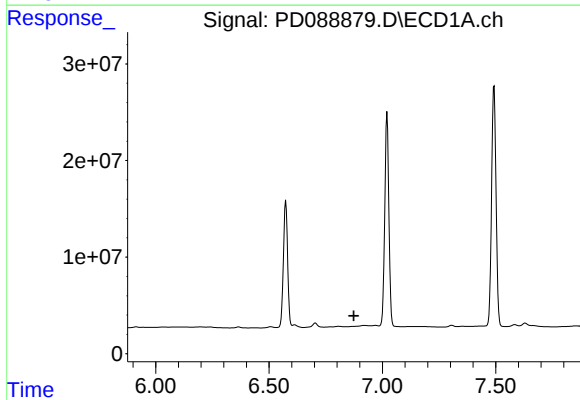
R.T.: 6.035 min
Delta R.T.: 0.000 min
Response: 599672
Conc: 0.67 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



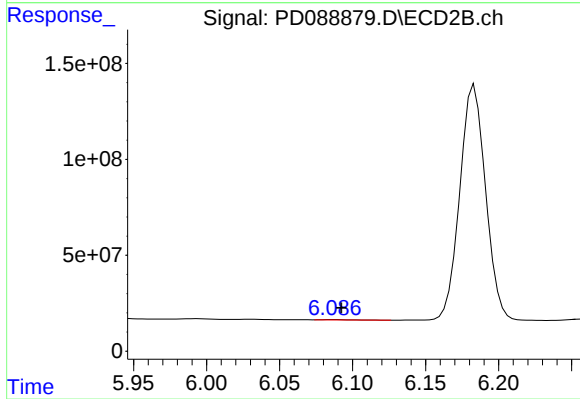
#26 Chlordane-4

R.T.: 5.191 min
Delta R.T.: -0.002 min
Response: 6220959
Conc: 2.81 ng/ml



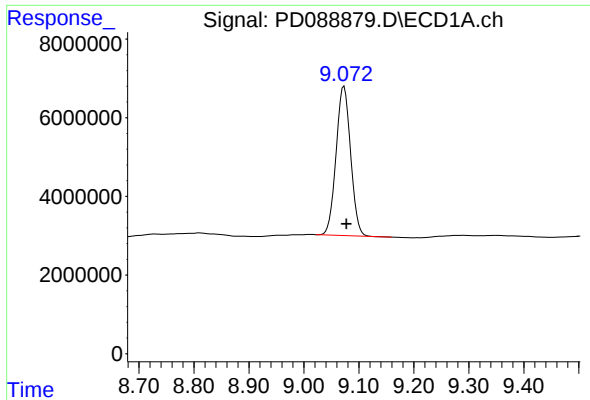
#27 Chlordane-5

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



#27 Chlordane-5

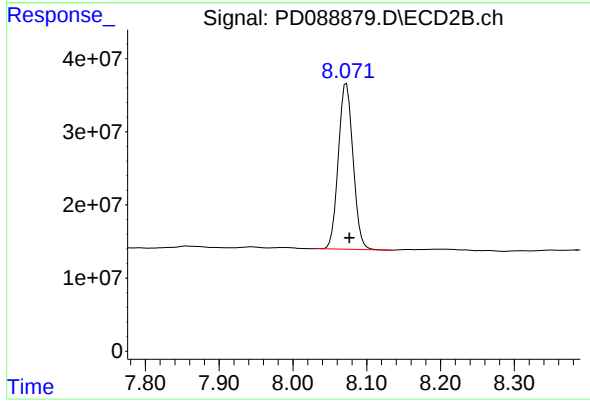
R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 2164806
Conc: 2.16 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.073 min
Delta R.T.: -0.004 min
Response: 69548566
Conc: 20.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 314526020
Conc: 17.23 ng/ml