

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
 Data File : PD088407.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 May 2025 08:30
 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 06 01:37:50 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	46213230	320.9E6	23.137	21.947
28)	SA Decachlor...	9.074	8.075	75067010	379.6E6	22.692	20.542
Target Compounds							
2)	A alpha-BHC	4.000	3.394	45789341	259.8E6	10.619	11.363
3)	MA gamma-BHC...	4.331	3.731	46058179	242.4E6	10.999	11.254
4)	MA Heptachlor	0.000	4.081	0	1198481	N.D.	0.056 #
5)	MB Aldrin	5.254f	4.365	307503	1352045	0.078	0.065
6)	B beta-BHC	4.515	4.026	19477634	108.7E6	11.998	11.745
7)	B delta-BHC	4.778	4.263	2505959	521557	0.608	0.025 #
8)	B Heptachlo...	5.674f	4.878	317885	498591	0.089	0.026 #
9)	A Endosulfan I	0.000	5.237	0	1462294	N.D.	0.081 #
10)	B gamma-Chl...	5.948	5.128	443179	23452640	0.122	1.156 #
11)	B alpha-Chl...	6.032	5.192	724779	3550672	0.201	0.181
12)	B 4,4'-DDE	6.198	5.378	569649	3924596	0.173	0.199
13)	MA Dieldrin	6.367f	5.511	1948757	295075	0.546	0.015 #
14)	MA Endrin	6.575	5.791	166.0E6	857.8E6	55.668	47.125
15)	B Endosulfa...	6.769f	6.089	182869	7012504	0.058	0.400 #
16)	A 4,4'-DDD	6.705	5.931	17060267	113.7E6	6.784	6.936
17)	MA 4,4'-DDT	7.022	6.186	280.9E6	1453.8E6	101.120	85.435
18)	B Endrin al...	6.917	6.260	1893608	15250938	0.820	1.147 #
19)	B Endosulfa...	7.119f	6.465f	120950	2209900	0.042	0.129 #
20)	A Methoxychlor	7.494	6.756	349.0E6	1474.5E6	232.761	161.657 #
21)	B Endrin ke...	7.630	6.992	6038324	54153400	1.956	2.895 #
22)	Mirex	0.000	7.180	0	3662768	N.D.	0.247 #
23)	Chlordane-1	0.000	3.899	0	1258330	N.D.	1.570 #
24)	Chlordane-2	5.254	4.488	307503	1230967	1.847	1.492
25)	Chlordane-3	5.948	5.128	443179	23452640	0.657	9.273 #
26)	Chlordane-4	6.032	5.192	724779	3550672	0.889	1.661 #
27)	Chlordane-5	0.000	6.089	0	7012504	N.D.	7.263 #

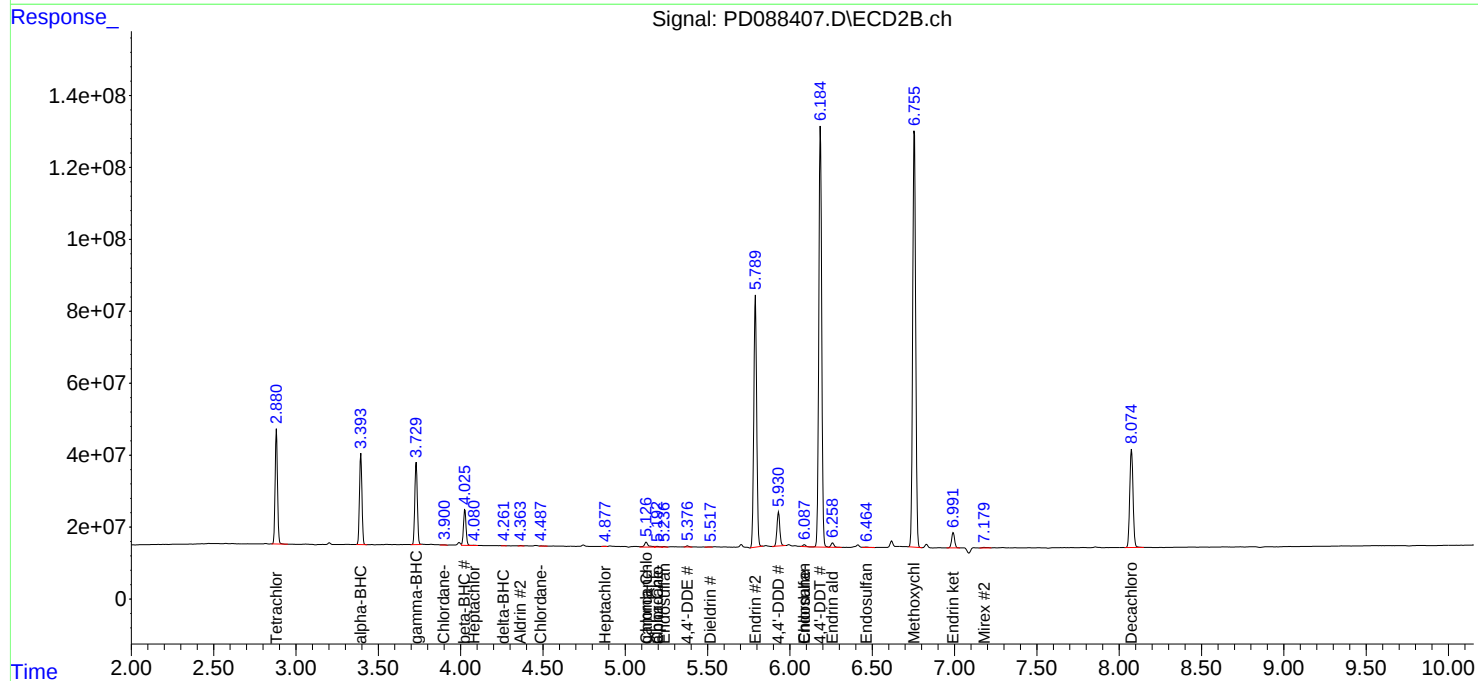
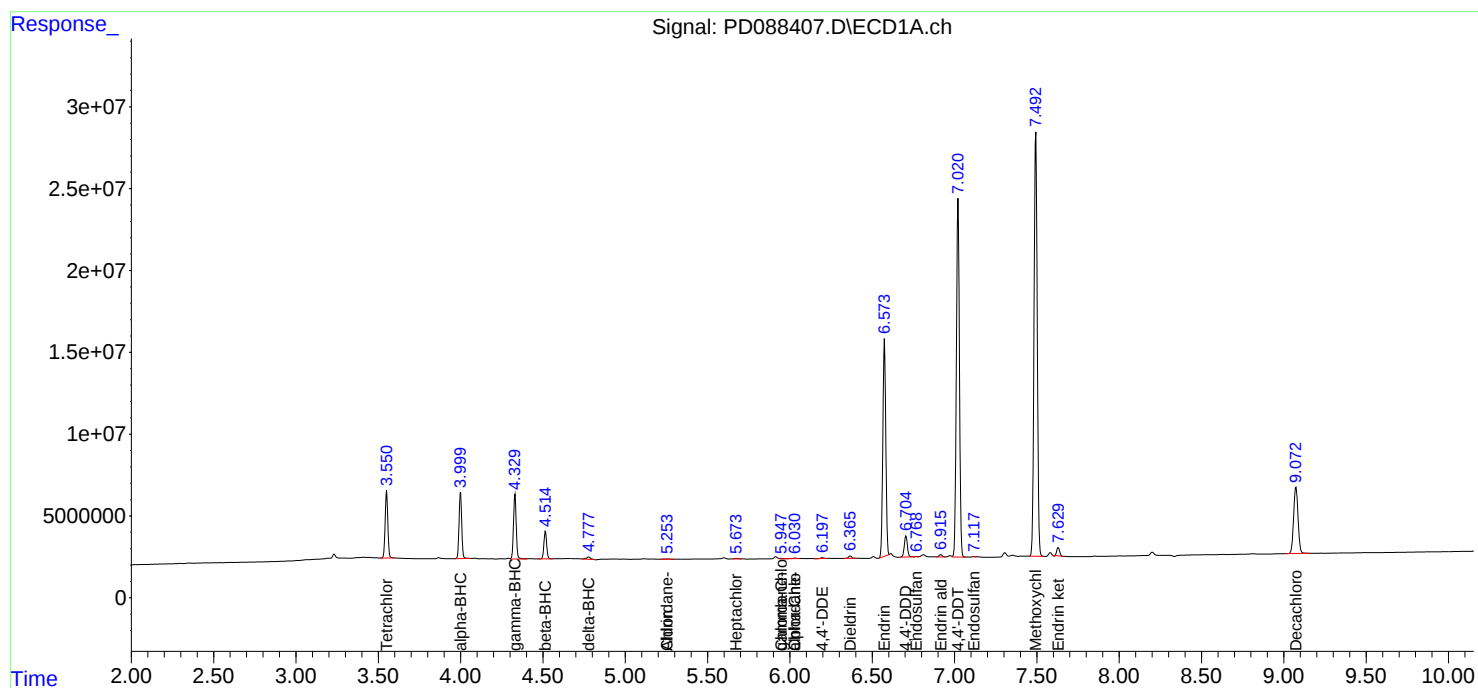
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

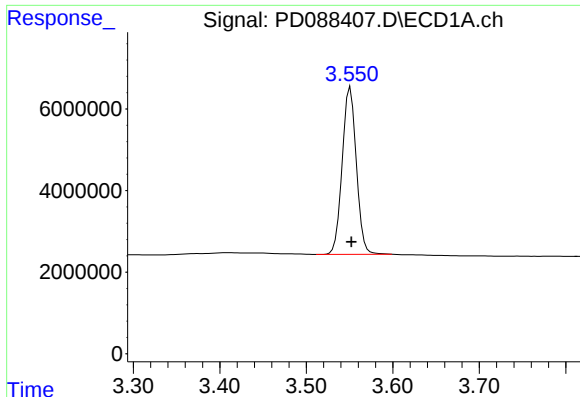
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD050525\
Data File : PD088407.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 May 2025 08:30
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 06 01:37:50 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

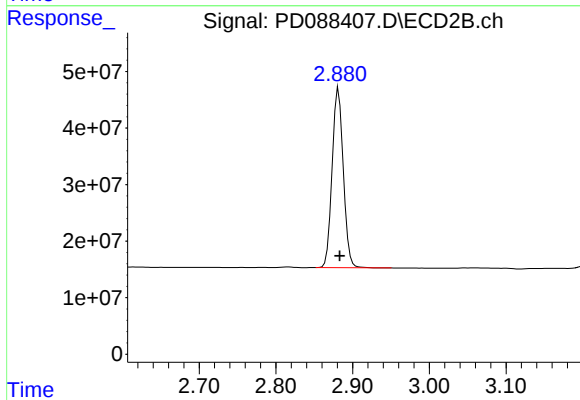




#1 Tetrachloro-m-xylene

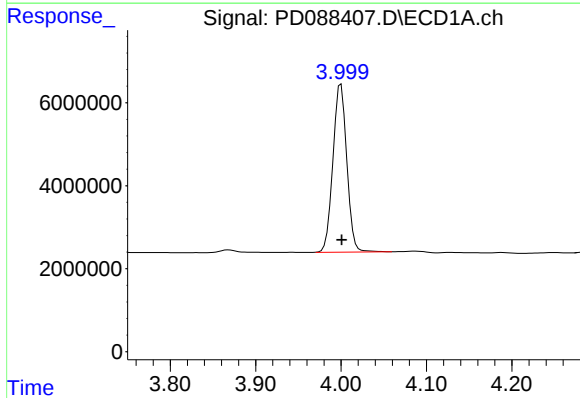
R.T.: 3.551 min
Delta R.T.: -0.001 min
Response: 46213230
Conc: 23.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



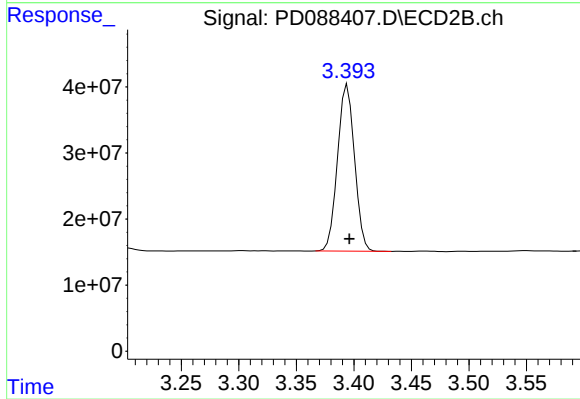
#1 Tetrachloro-m-xylene

R.T.: 2.882 min
Delta R.T.: -0.001 min
Response: 320907972
Conc: 21.95 ng/ml



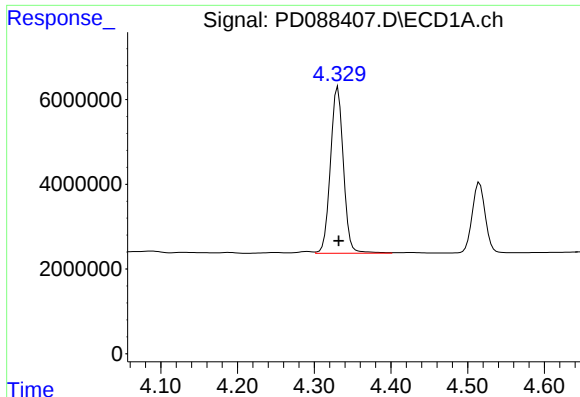
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 45789341
Conc: 10.62 ng/ml



#2 alpha-BHC

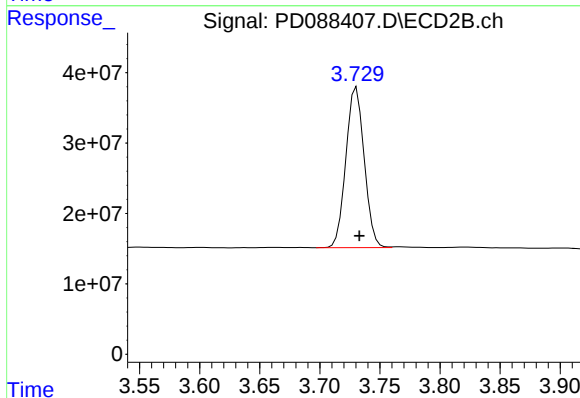
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 259776660
Conc: 11.36 ng/ml



#3 gamma-BHC (Lindane)

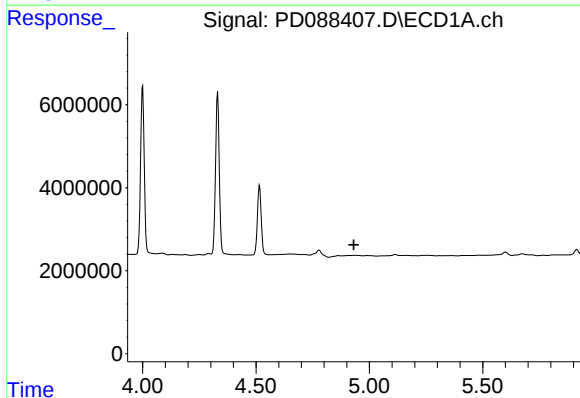
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 46058179
Conc: 11.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



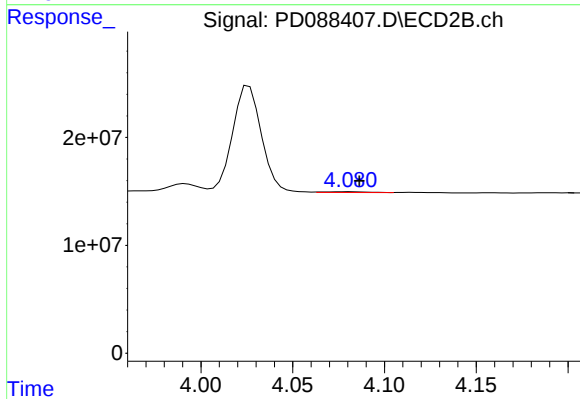
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: -0.002 min
Response: 242387882
Conc: 11.25 ng/ml



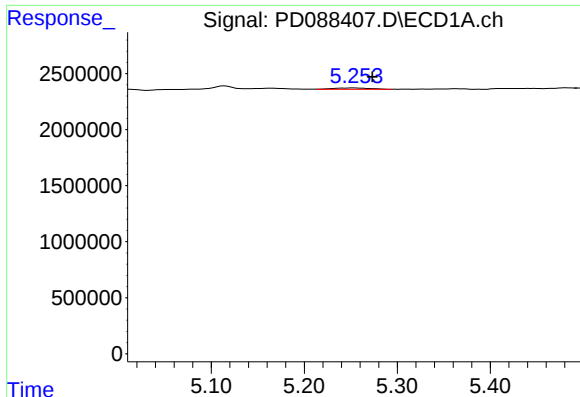
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.931 min
Response: 0
Conc: N.D.



#4 Heptachlor

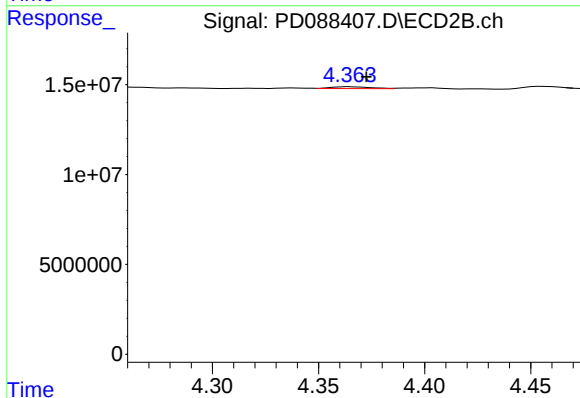
R.T.: 4.081 min
Delta R.T.: -0.005 min
Response: 1198481
Conc: 0.06 ng/ml



#5 Aldrin

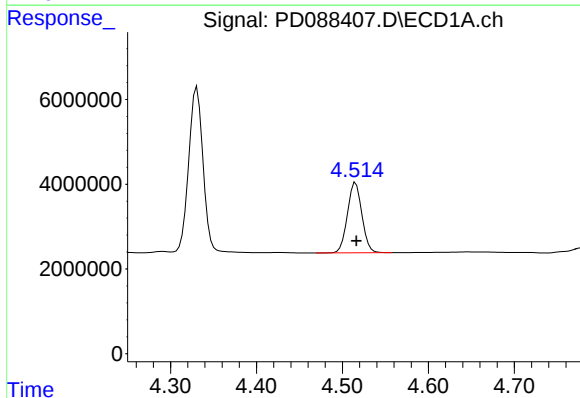
R.T.: 5.254 min
Delta R.T.: -0.019 min
Response: 307503
Conc: 0.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



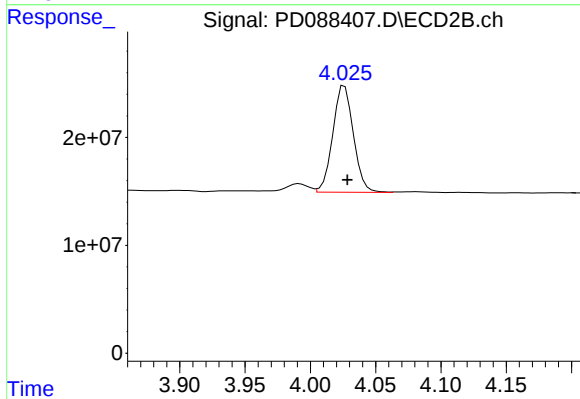
#5 Aldrin

R.T.: 4.365 min
Delta R.T.: -0.008 min
Response: 1352045
Conc: 0.06 ng/ml



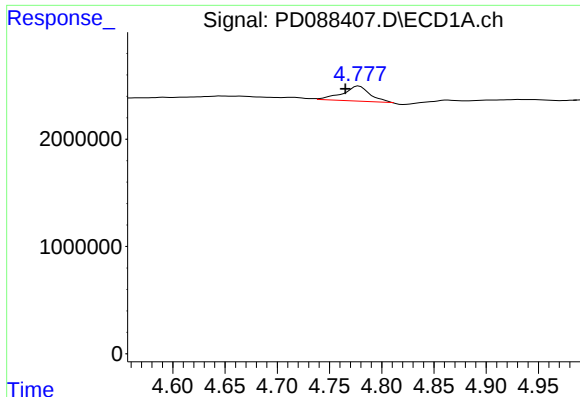
#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: 0.000 min
Response: 19477634
Conc: 12.00 ng/ml



#6 beta-BHC

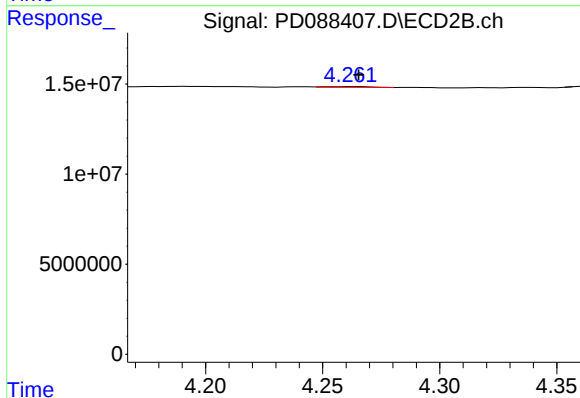
R.T.: 4.026 min
Delta R.T.: -0.002 min
Response: 108692462
Conc: 11.75 ng/ml



#7 delta-BHC

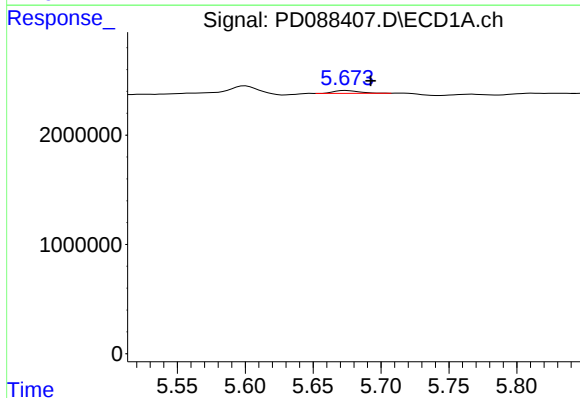
R.T.: 4.778 min
Delta R.T.: 0.013 min
Response: 2505959
Conc: 0.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



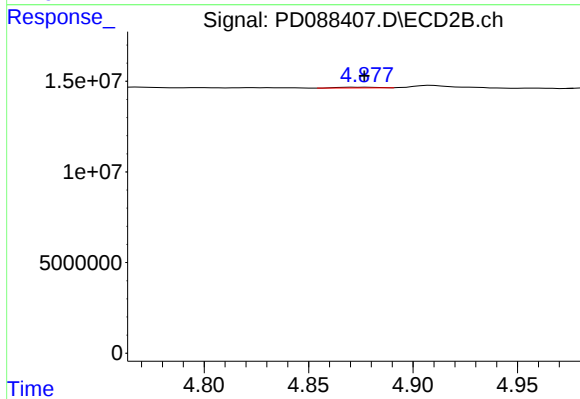
#7 delta-BHC

R.T.: 4.263 min
Delta R.T.: -0.002 min
Response: 521557
Conc: 0.02 ng/ml



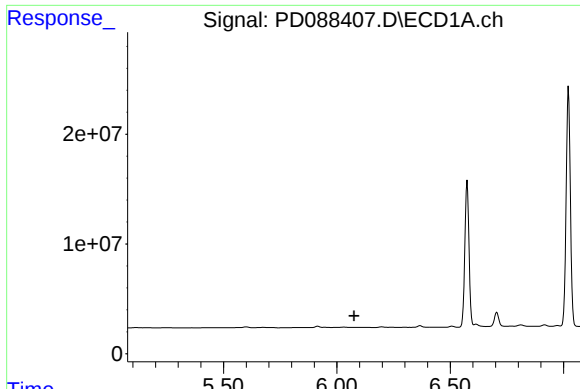
#8 Heptachlor epoxide

R.T.: 5.674 min
Delta R.T.: -0.018 min
Response: 317885
Conc: 0.09 ng/ml



#8 Heptachlor epoxide

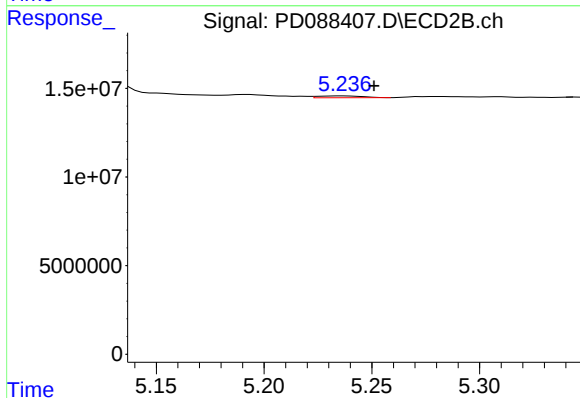
R.T.: 4.878 min
Delta R.T.: 0.001 min
Response: 498591
Conc: 0.03 ng/ml



#9 Endosulfan I

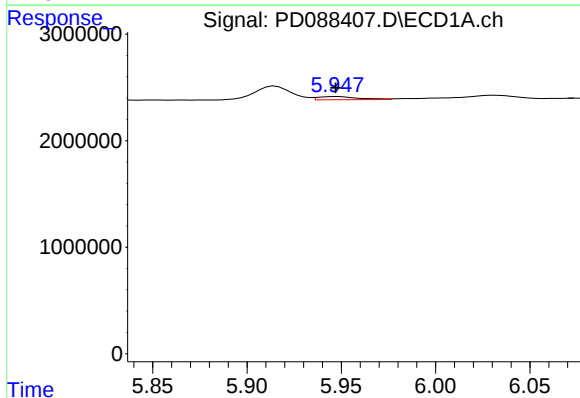
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



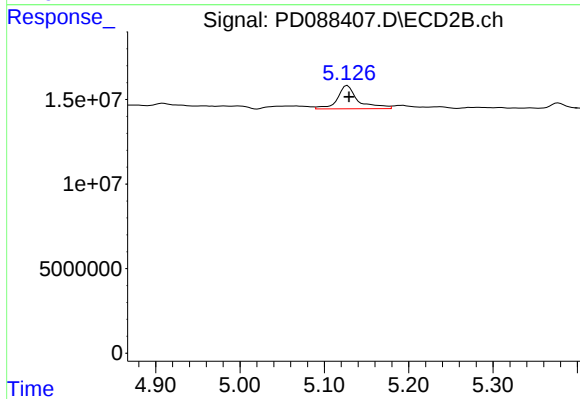
#9 Endosulfan I

R.T.: 5.237 min
Delta R.T.: -0.014 min
Response: 1462294
Conc: 0.08 ng/ml



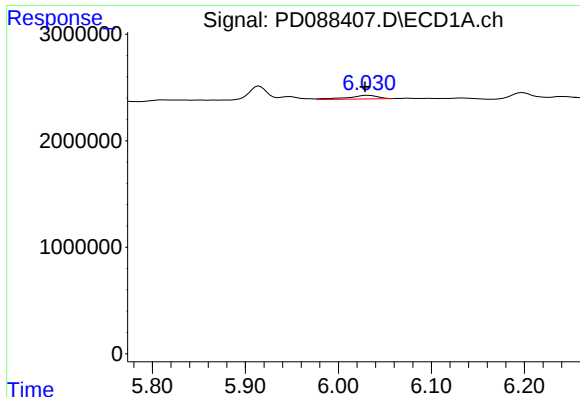
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 443179
Conc: 0.12 ng/ml



#10 gamma-Chlordane

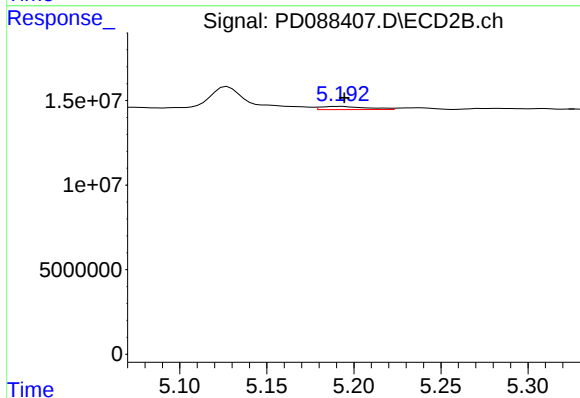
R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 23452640
Conc: 1.16 ng/ml



#11 alpha-Chlordane

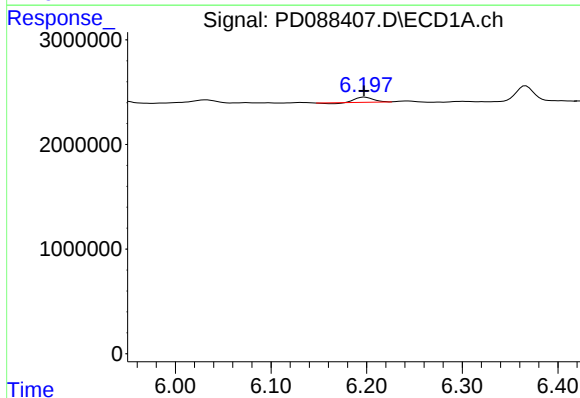
R.T.: 6.032 min
Delta R.T.: 0.003 min
Response: 724779
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



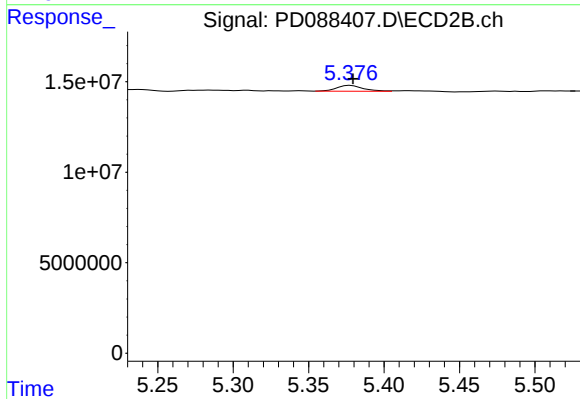
#11 alpha-Chlordane

R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 3550672
Conc: 0.18 ng/ml



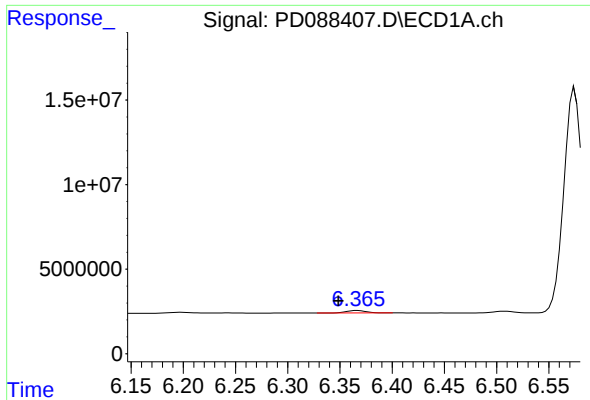
#12 4,4'-DDE

R.T.: 6.198 min
Delta R.T.: 0.000 min
Response: 569649
Conc: 0.17 ng/ml



#12 4,4'-DDE

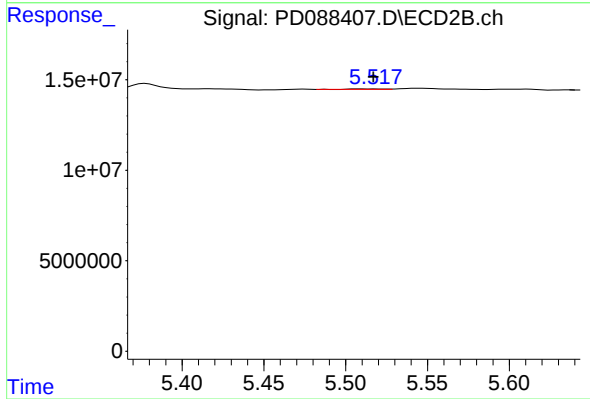
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 3924596
Conc: 0.20 ng/ml



#13 Dieldrin

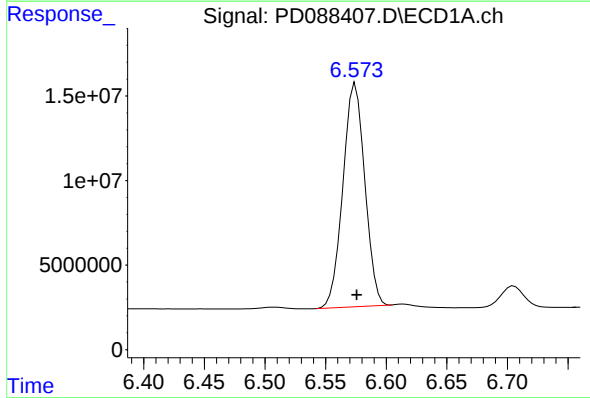
R.T.: 6.367 min
Delta R.T.: 0.018 min
Response: 1948757
Conc: 0.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



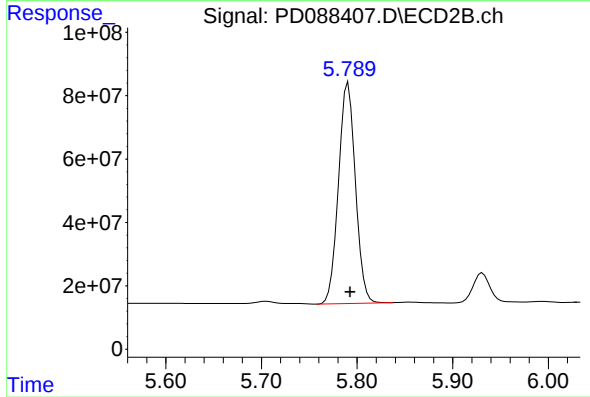
#13 Dieldrin

R.T.: 5.511 min
Delta R.T.: -0.006 min
Response: 295075
Conc: 0.01 ng/ml



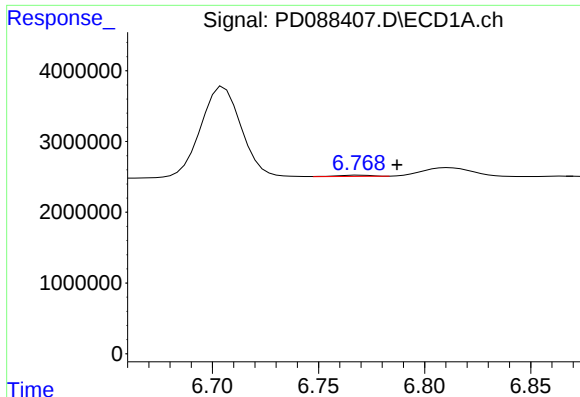
#14 Endrin

R.T.: 6.575 min
Delta R.T.: -0.001 min
Response: 166034055
Conc: 55.67 ng/ml



#14 Endrin

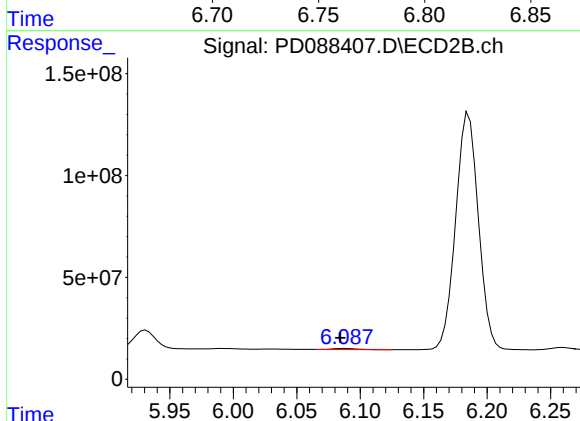
R.T.: 5.791 min
Delta R.T.: -0.002 min
Response: 857780273
Conc: 47.12 ng/ml



#15 Endosulfan II

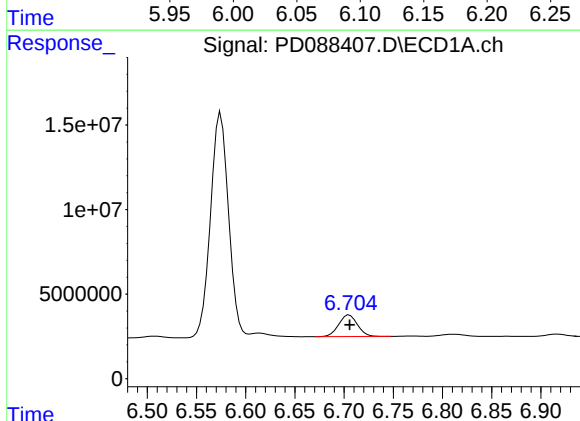
R.T.: 6.769 min
Delta R.T.: -0.018 min
Response: 182869
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



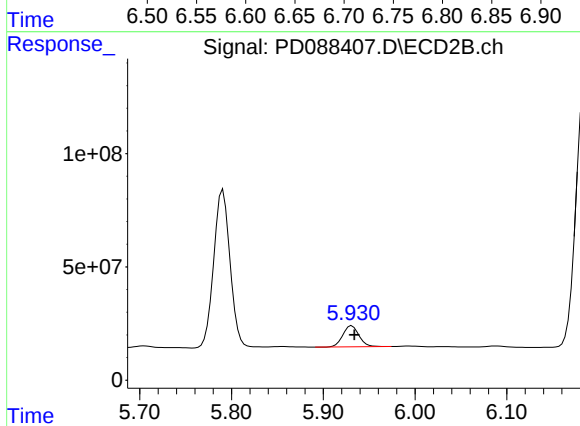
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.004 min
Response: 7012504
Conc: 0.40 ng/ml



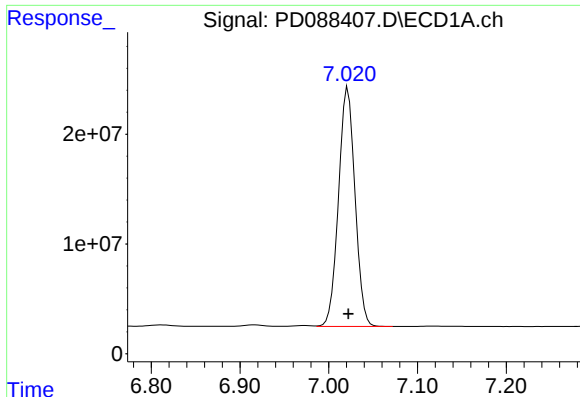
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: 0.000 min
Response: 17060267
Conc: 6.78 ng/ml



#16 4,4'-DDD

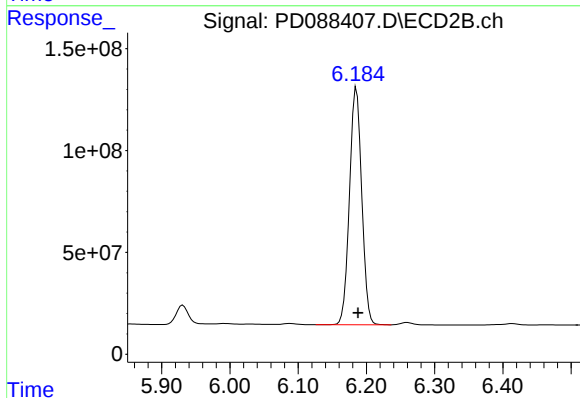
R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 113657086
Conc: 6.94 ng/ml



#17 4,4'-DDT

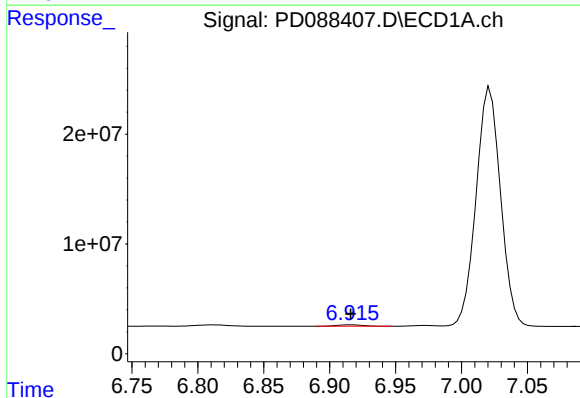
R.T.: 7.022 min
Delta R.T.: 0.000 min
Response: 280863841
Conc: 101.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



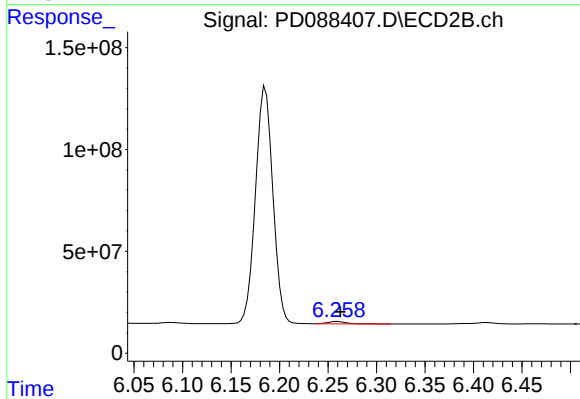
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: -0.003 min
Response: 1453802930
Conc: 85.43 ng/ml



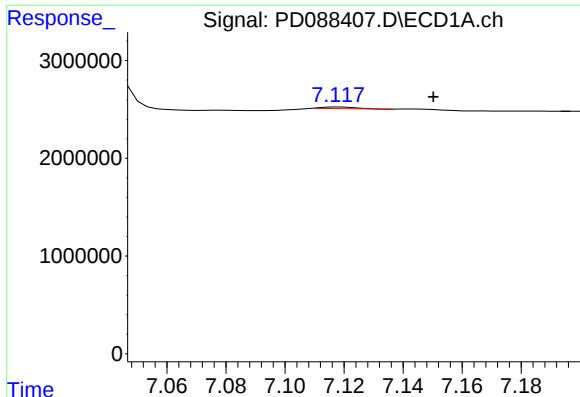
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.000 min
Response: 1893608
Conc: 0.82 ng/ml



#18 Endrin aldehyde

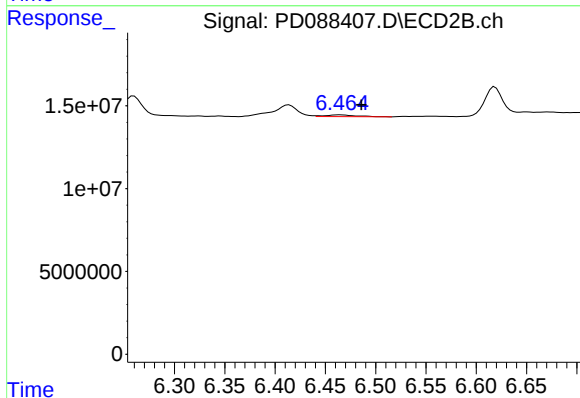
R.T.: 6.260 min
Delta R.T.: -0.003 min
Response: 15250938
Conc: 1.15 ng/ml



#19 Endosulfan Sulfate

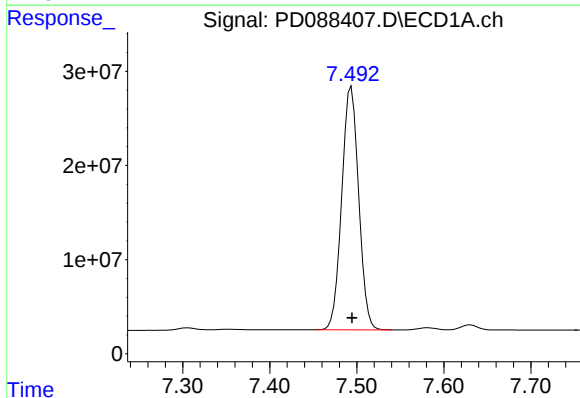
R.T.: 7.119 min
Delta R.T.: -0.032 min
Response: 120950
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



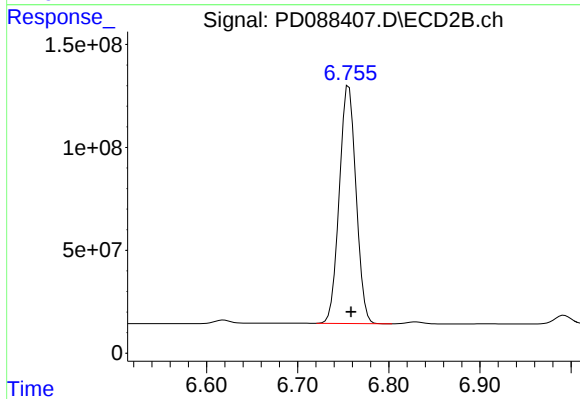
#19 Endosulfan Sulfate

R.T.: 6.465 min
Delta R.T.: -0.021 min
Response: 2209900
Conc: 0.13 ng/ml



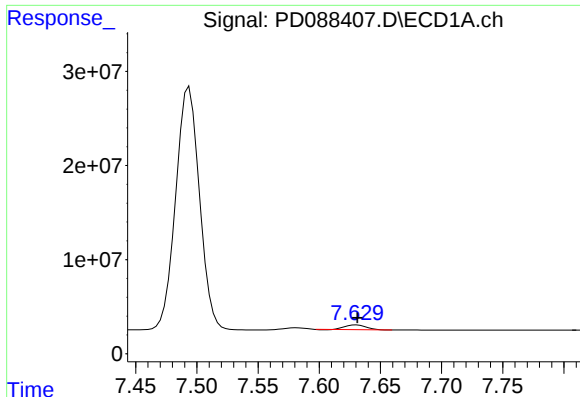
#20 Methoxychlor

R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 349034992
Conc: 232.76 ng/ml



#20 Methoxychlor

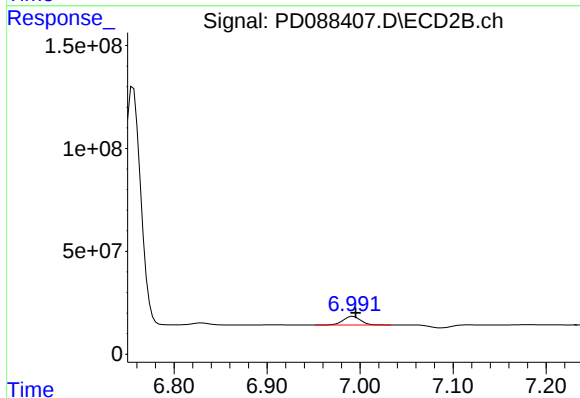
R.T.: 6.756 min
Delta R.T.: -0.002 min
Response: 1474481838
Conc: 161.66 ng/ml



#21 Endrin ketone

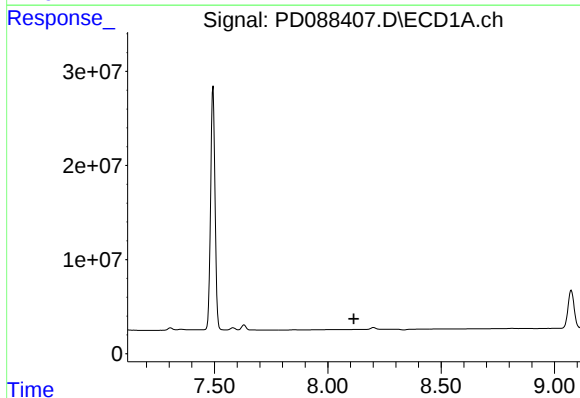
R.T.: 7.630 min
Delta R.T.: -0.001 min
Response: 6038324
Conc: 1.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



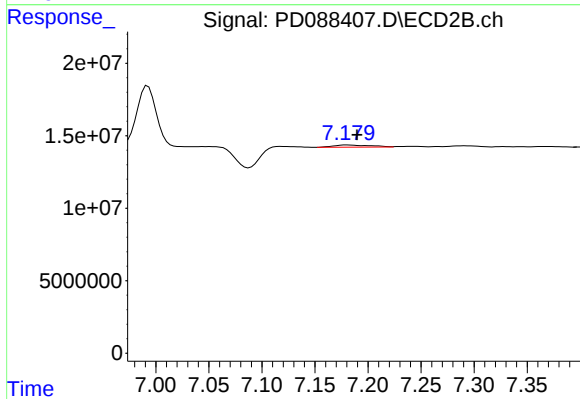
#21 Endrin ketone

R.T.: 6.992 min
Delta R.T.: -0.003 min
Response: 54153400
Conc: 2.90 ng/ml



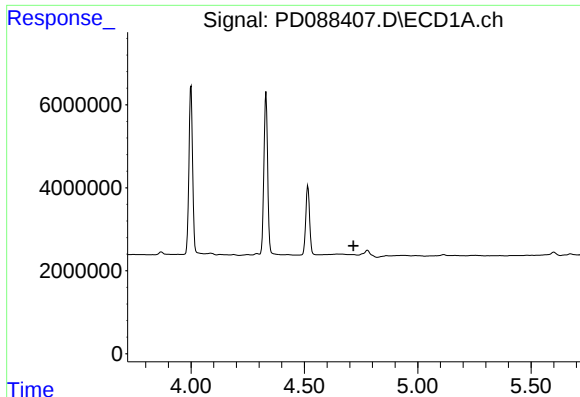
#22 Mirex

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



#22 Mirex

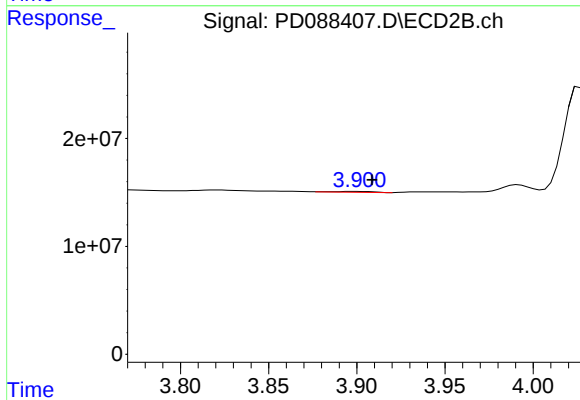
R.T.: 7.180 min
Delta R.T.: -0.009 min
Response: 3662768
Conc: 0.25 ng/ml



#23 Chlordane-1

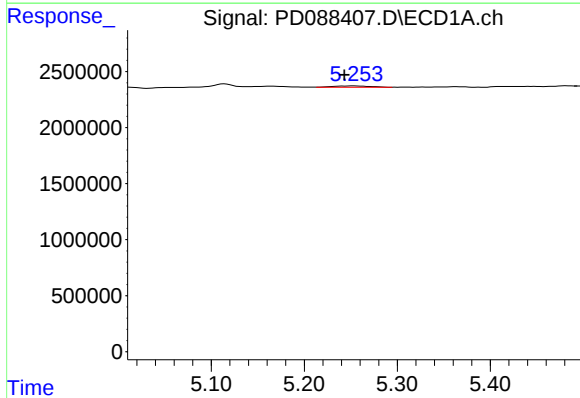
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



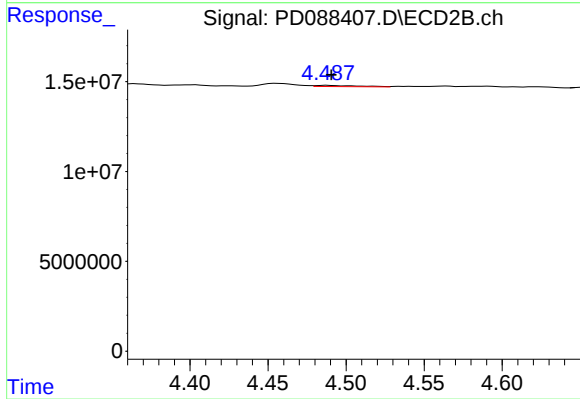
#23 Chlordane-1

R.T.: 3.899 min
Delta R.T.: -0.010 min
Response: 1258330
Conc: 1.57 ng/ml



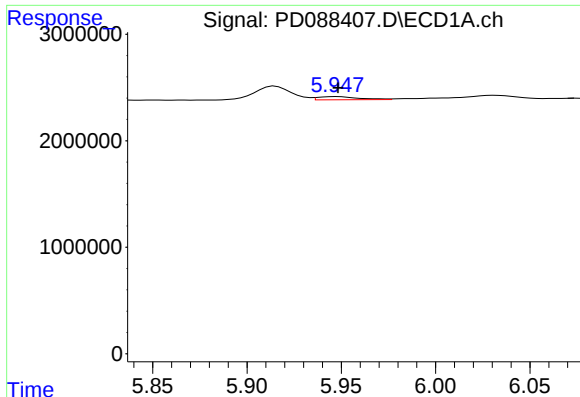
#24 Chlordane-2

R.T.: 5.254 min
Delta R.T.: 0.011 min
Response: 307503
Conc: 1.85 ng/ml



#24 Chlordane-2

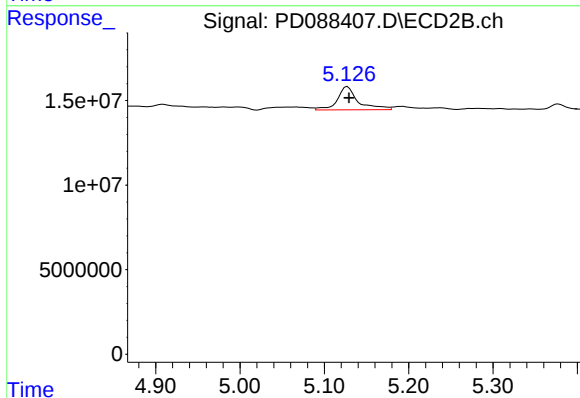
R.T.: 4.488 min
Delta R.T.: -0.002 min
Response: 1230967
Conc: 1.49 ng/ml



#25 Chlordane-3

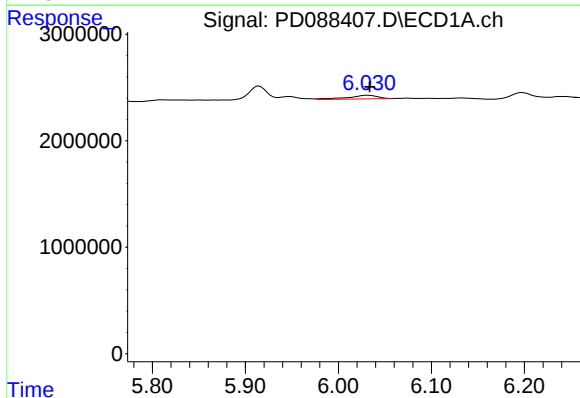
R.T.: 5.948 min
Delta R.T.: 0.000 min
Response: 443179
Conc: 0.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



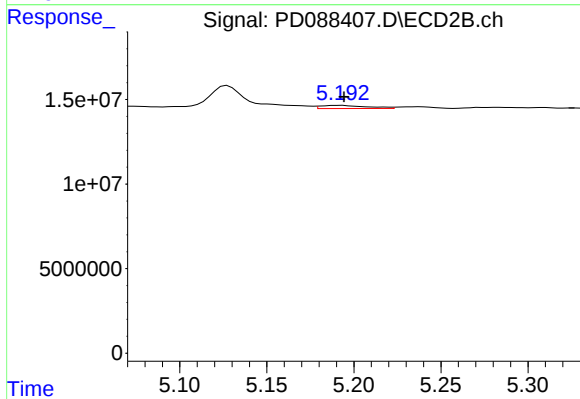
#25 Chlordane-3

R.T.: 5.128 min
Delta R.T.: -0.002 min
Response: 23452640
Conc: 9.27 ng/ml



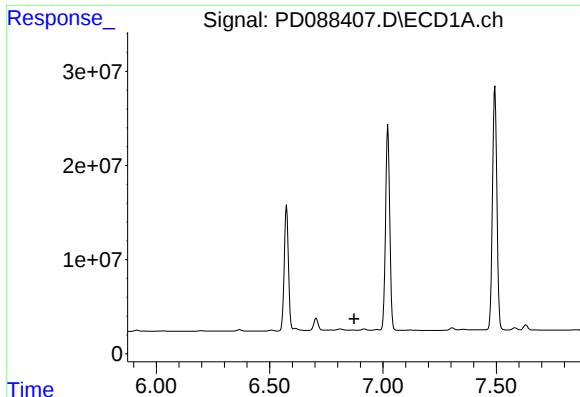
#26 Chlordane-4

R.T.: 6.032 min
Delta R.T.: -0.002 min
Response: 724779
Conc: 0.89 ng/ml



#26 Chlordane-4

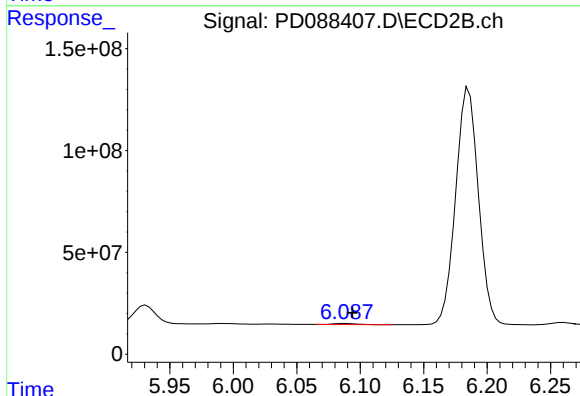
R.T.: 5.192 min
Delta R.T.: -0.002 min
Response: 3550672
Conc: 1.66 ng/ml



#27 Chlordane-5

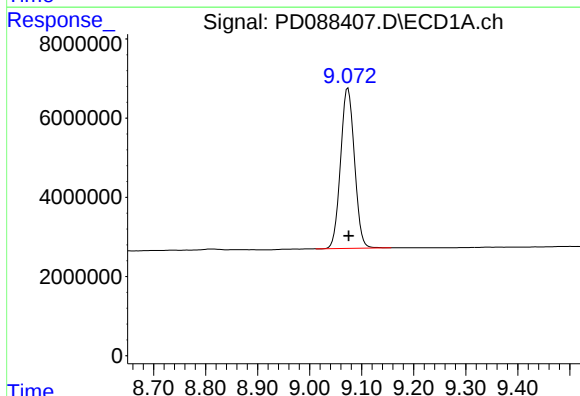
R.T.: 0.000 min
Exp R.T.: 6.873 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



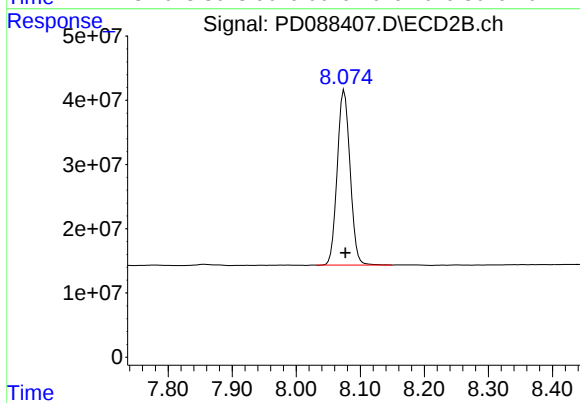
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 7012504
Conc: 7.26 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.074 min
Delta R.T.: -0.001 min
Response: 75067010
Conc: 22.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.075 min
Delta R.T.: -0.002 min
Response: 379604847
Conc: 20.54 ng/ml