

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
 Data File : PD088584.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2025 11:04
 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 19 14:00:01 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
 Quant Title : GC Extractables
 QLast Update : Mon May 19 13:57:43 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	43185677	307.7E6	19.959	20.343
28)	SA Decachlor...	9.076	8.076	73616024	382.7E6	21.510	20.961
Target Compounds							
2)	A alpha-BHC	3.999	3.394	43541198	252.7E6	9.116	10.572
3)	MA gamma-BHC...	4.331	3.731	43519433	236.4E6	9.455	10.667
4)	MA Heptachlor	4.938	4.082	588889	1692805	0.132	0.075 #
5)	MB Aldrin	5.255f	4.359	479963	5836904	0.109	0.266 #
6)	B beta-BHC	4.516	4.027	18494243	107.0E6	10.257	10.988
7)	B delta-BHC	4.779	4.265	1664302	1224493	0.394	0.055 #
8)	B Heptachlo...	5.683	4.884	3695083	479355	0.931	0.024 #
9)	A Endosulfan I	6.101f	0.000	160493	0	0.043	N.D. #
10)	B gamma-Chl...	5.947	5.129	627612	9522313	0.157	0.446 #
11)	B alpha-Chl...	6.033	5.190	889163	23598968	0.222	1.144 #
12)	B 4,4'-DDE	6.204	5.382	249997	1412926	0.070	0.068
13)	MA Dieldrin	0.000	5.518	0	346306	N.D.	0.016 #
14)	MA Endrin	6.576	5.792	173.7E6	934.8E6	50.857	48.473
15)	B Endosulfa...	6.774	6.088	1106128	1689577	0.321	0.092 #
16)	A 4,4'-DDD	6.707	5.937	1526198	6417679	0.548	0.369 #
17)	MA 4,4'-DDT	7.023	6.186	316.0E6	1724.8E6	101.208	95.099
18)	B Endrin al...	6.921	6.260	653659	9017476	0.254	0.647 #
19)	B Endosulfa...	0.000	6.500	0	304472	N.D.	0.017 #
20)	A Methoxychlor	7.495	6.757	392.1E6	1873.1E6	234.711	195.632
21)	B Endrin ke...	7.633	6.993	609123	8681203	0.178	0.449 #
22)	Mirex	0.000	7.181	0	4568201	N.D.	0.300 #
23)	Chlordane-1	0.000	3.901	0	1325854	N.D.	1.605 #
24)	Chlordane-2	5.255	4.489	479963	31313096	2.616	37.101 #
25)	Chlordane-3	5.947	5.129	627612	9522313	0.848	3.611 #
26)	Chlordane-4	6.033	5.190	889163	23598968	0.992	10.666 #
27)	Chlordane-5	6.870	6.088	294477	1689577	1.936	1.688

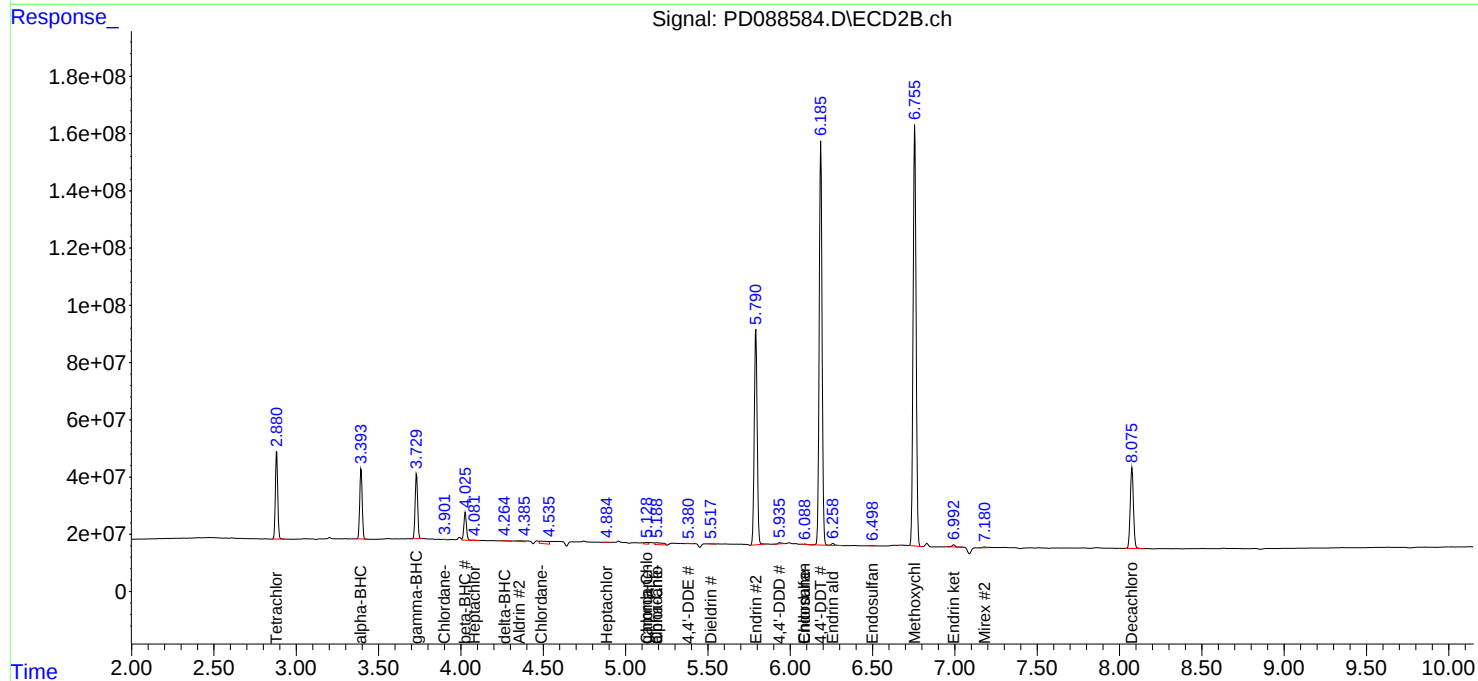
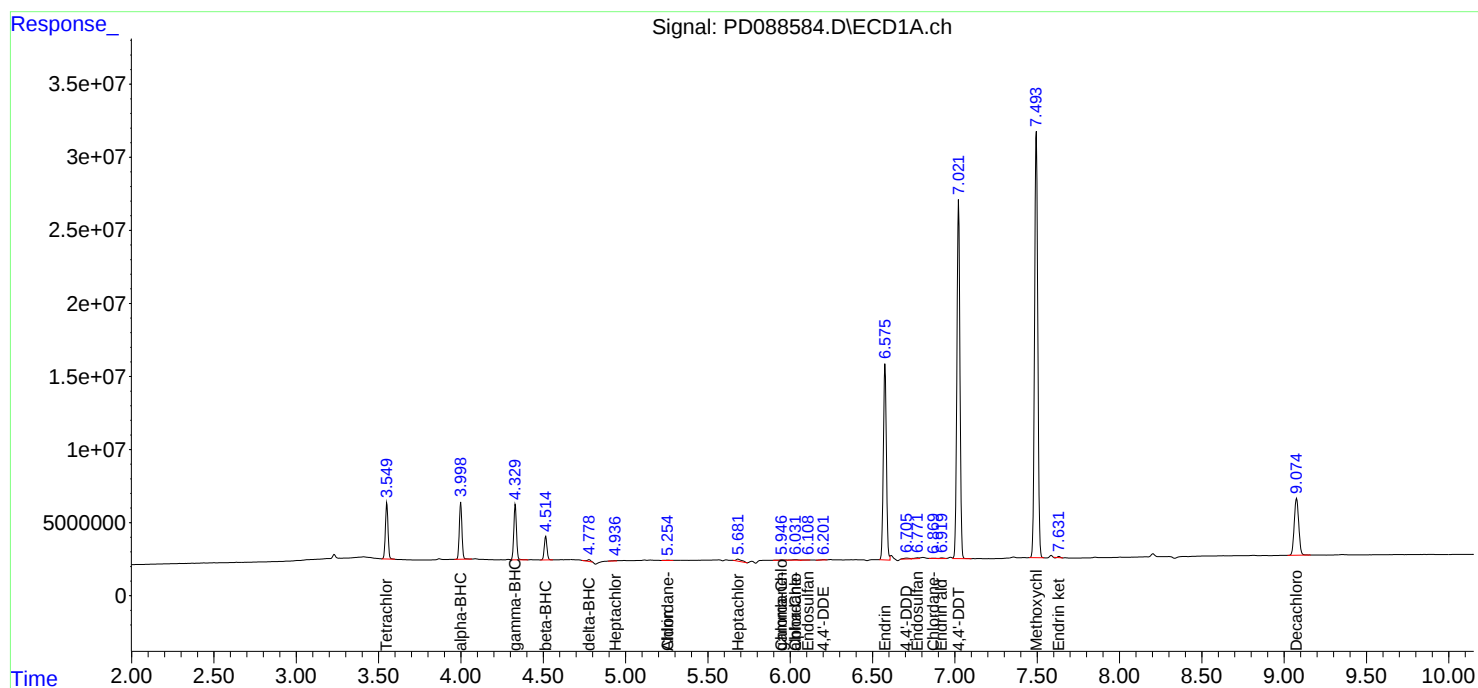
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

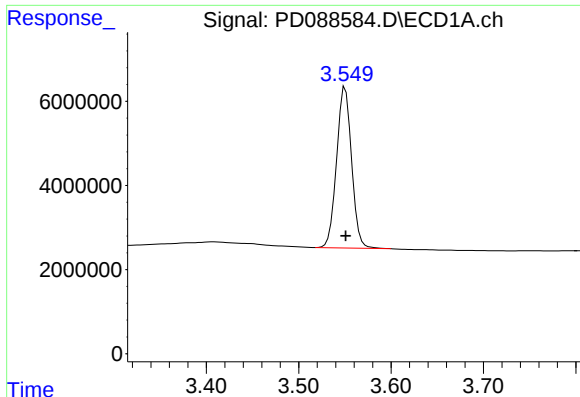
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051925\
Data File : PD088584.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 May 2025 11:04
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 19 14:00:01 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD051925.M
Quant Title : GC Extractables
QLast Update : Mon May 19 13:57:43 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

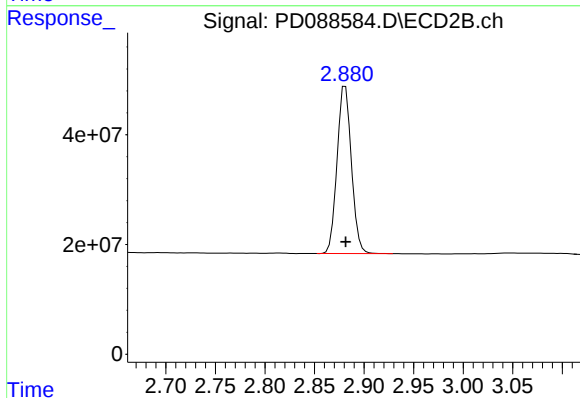




#1 Tetrachloro-m-xylene

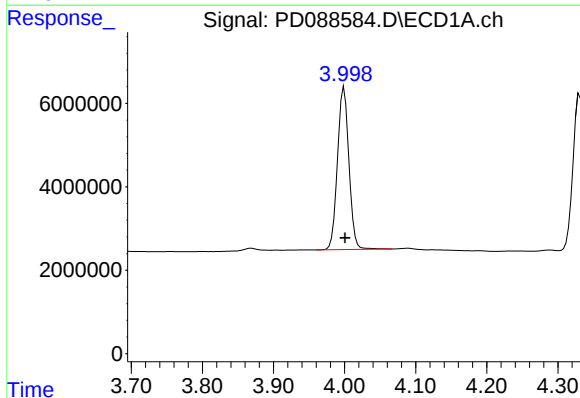
R.T.: 3.550 min
Delta R.T.: 0.000 min
Response: 43185677
Conc: 19.96 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



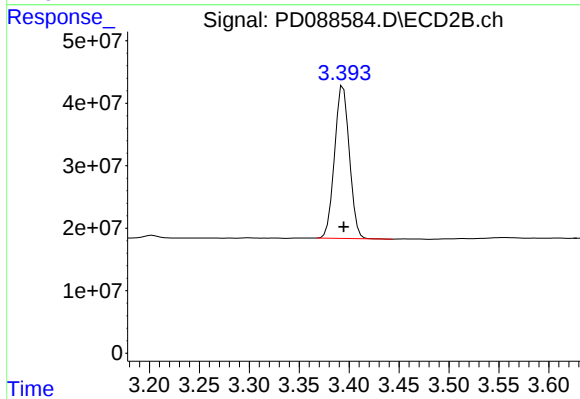
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: 0.000 min
Response: 307731812
Conc: 20.34 ng/ml



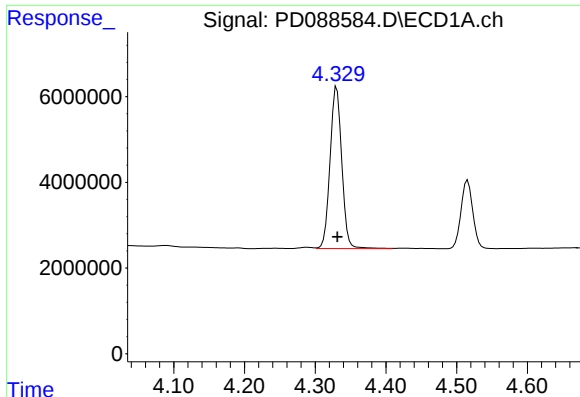
#2 alpha-BHC

R.T.: 3.999 min
Delta R.T.: -0.001 min
Response: 43541198
Conc: 9.12 ng/ml



#2 alpha-BHC

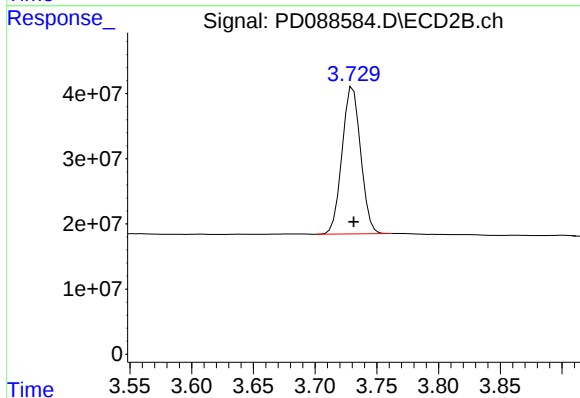
R.T.: 3.394 min
Delta R.T.: 0.000 min
Response: 252707737
Conc: 10.57 ng/ml



#3 gamma-BHC (Lindane)

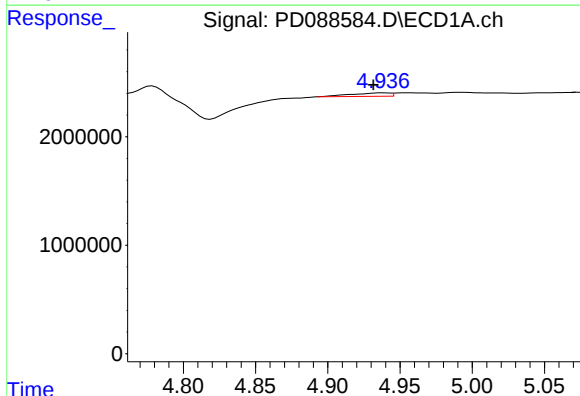
R.T.: 4.331 min
Delta R.T.: -0.001 min
Response: 43519433
Conc: 9.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



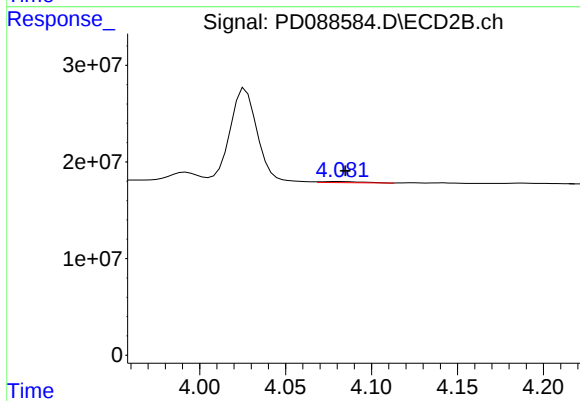
#3 gamma-BHC (Lindane)

R.T.: 3.731 min
Delta R.T.: 0.000 min
Response: 236443252
Conc: 10.67 ng/ml



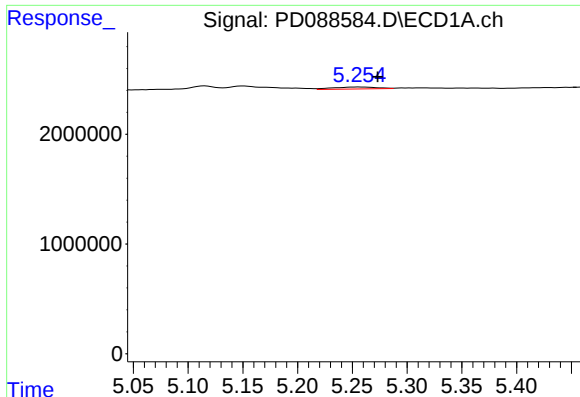
#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: 0.007 min
Response: 588889
Conc: 0.13 ng/ml



#4 Heptachlor

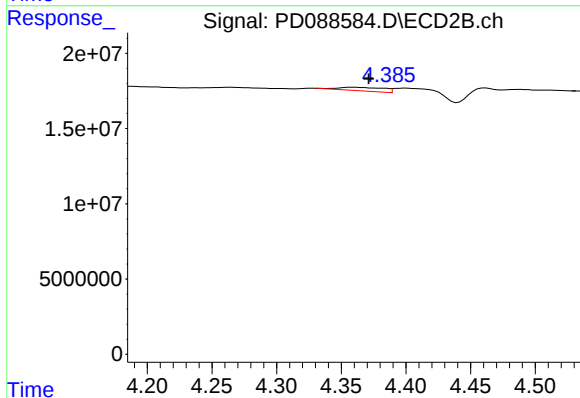
R.T.: 4.082 min
Delta R.T.: -0.003 min
Response: 1692805
Conc: 0.08 ng/ml



#5 Aldrin

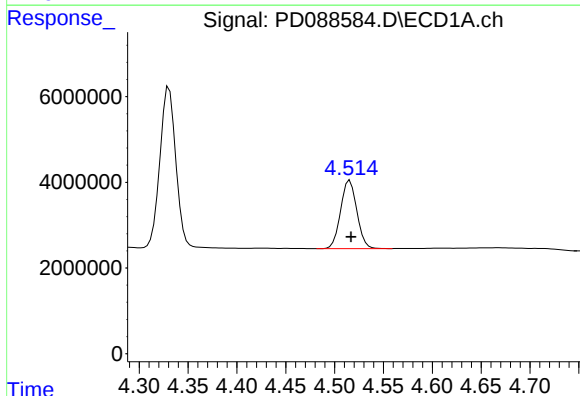
R.T.: 5.255 min
Delta R.T.: -0.018 min
Response: 479963
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



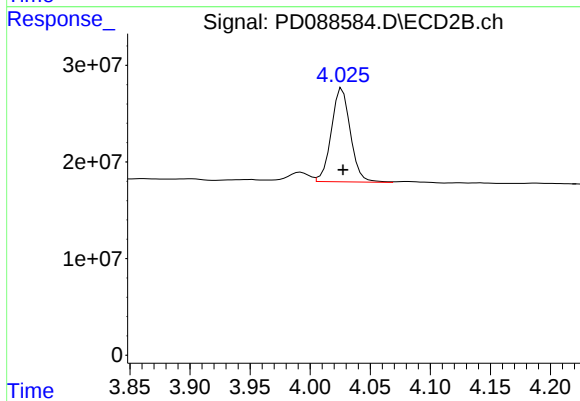
#5 Aldrin

R.T.: 4.359 min
Delta R.T.: -0.013 min
Response: 5836904
Conc: 0.27 ng/ml



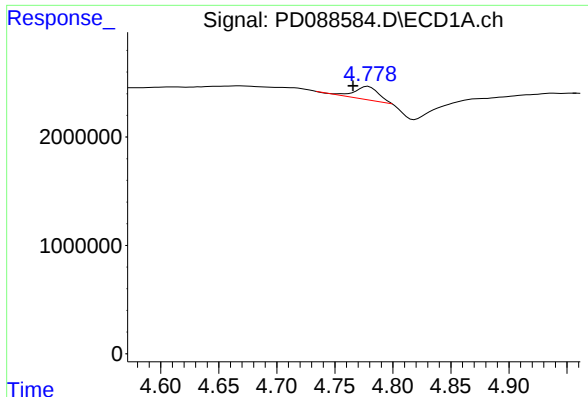
#6 beta-BHC

R.T.: 4.516 min
Delta R.T.: -0.001 min
Response: 18494243
Conc: 10.26 ng/ml



#6 beta-BHC

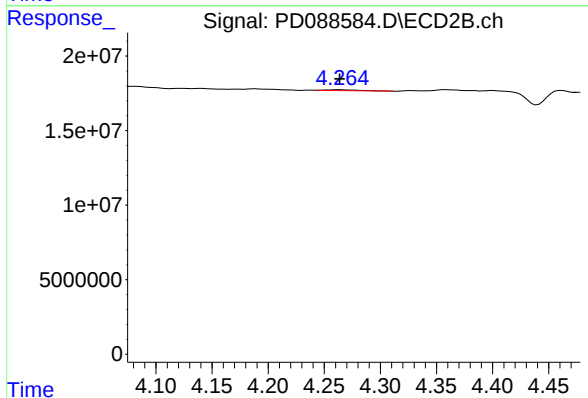
R.T.: 4.027 min
Delta R.T.: 0.000 min
Response: 107044796
Conc: 10.99 ng/ml



#7 delta-BHC

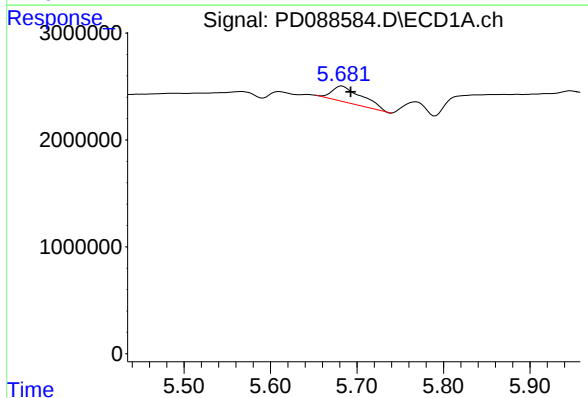
R.T.: 4.779 min
Delta R.T.: 0.013 min
Response: 1664302
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



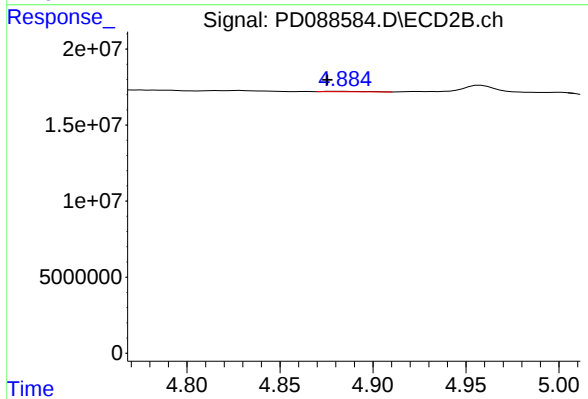
#7 delta-BHC

R.T.: 4.265 min
Delta R.T.: 0.001 min
Response: 1224493
Conc: 0.05 ng/ml



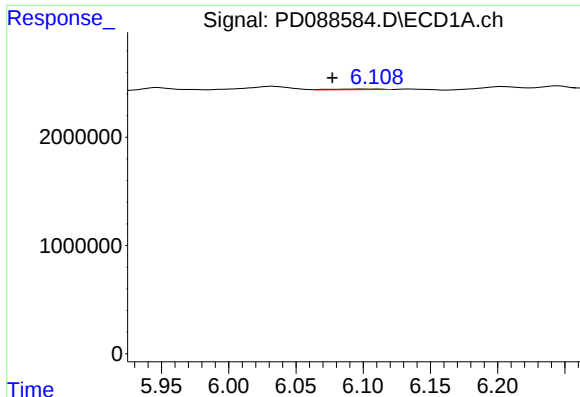
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.010 min
Response: 3695083
Conc: 0.93 ng/ml



#8 Heptachlor epoxide

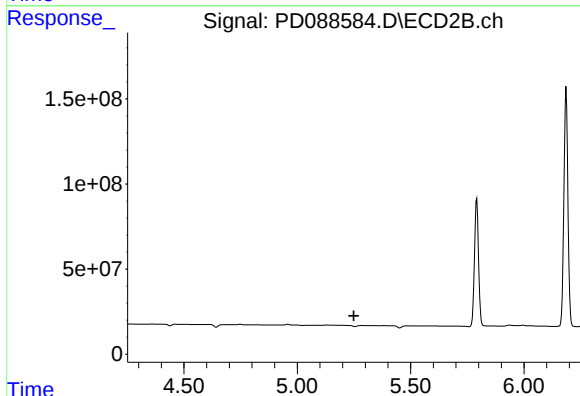
R.T.: 4.884 min
Delta R.T.: 0.009 min
Response: 479355
Conc: 0.02 ng/ml



#9 Endosulfan I

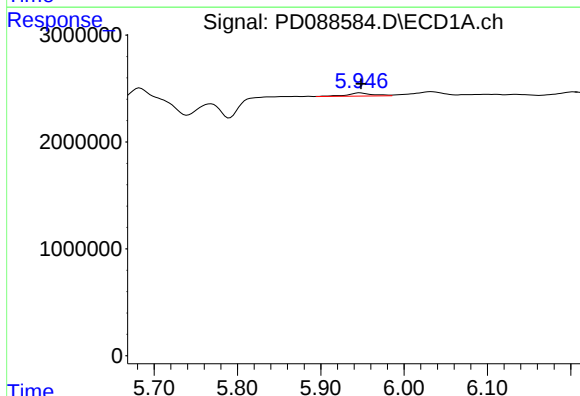
R.T.: 6.101 min
Delta R.T.: 0.024 min
Response: 160493
Conc: 0.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



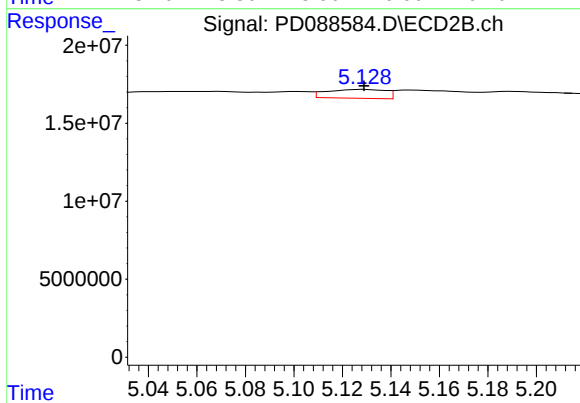
#9 Endosulfan I

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



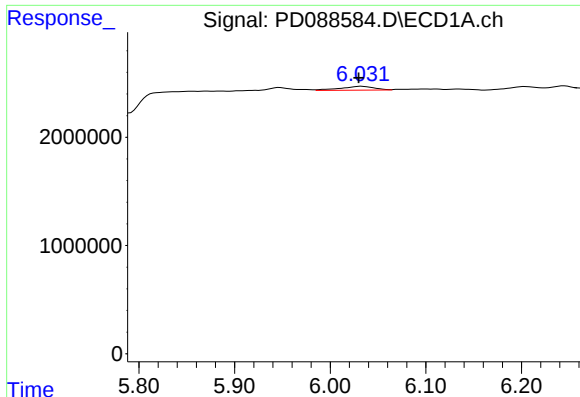
#10 gamma-Chlordane

R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 627612
Conc: 0.16 ng/ml



#10 gamma-Chlordane

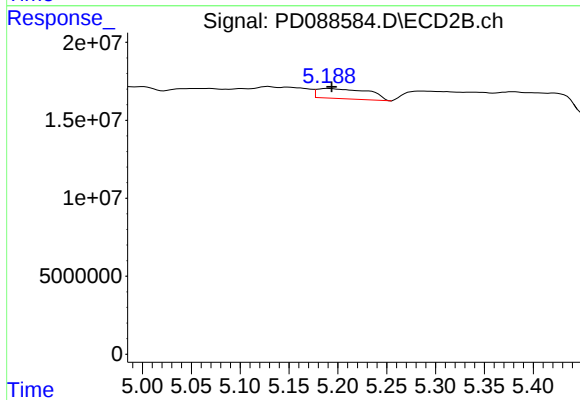
R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 9522313
Conc: 0.45 ng/ml



#11 alpha-Chlordane

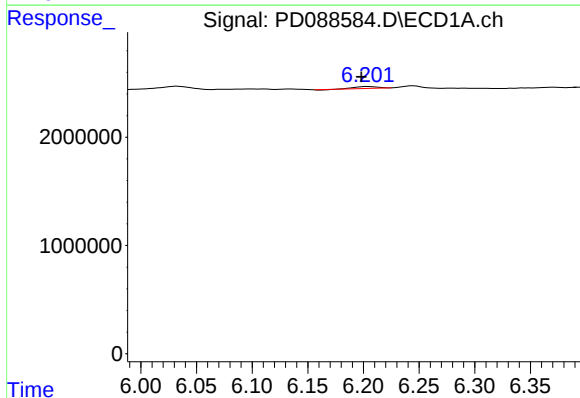
R.T.: 6.033 min
Delta R.T.: 0.003 min
Response: 889163
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



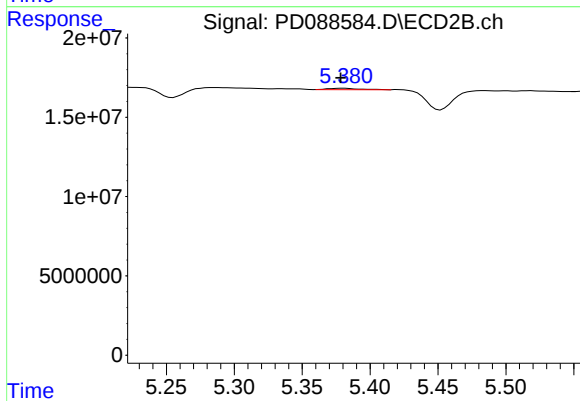
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 23598968
Conc: 1.14 ng/ml



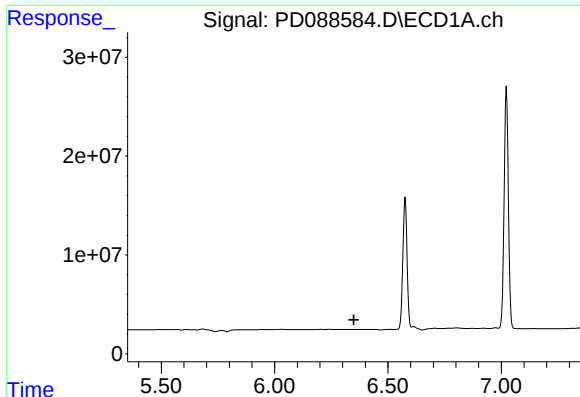
#12 4,4'-DDE

R.T.: 6.204 min
Delta R.T.: 0.006 min
Response: 249997
Conc: 0.07 ng/ml



#12 4,4'-DDE

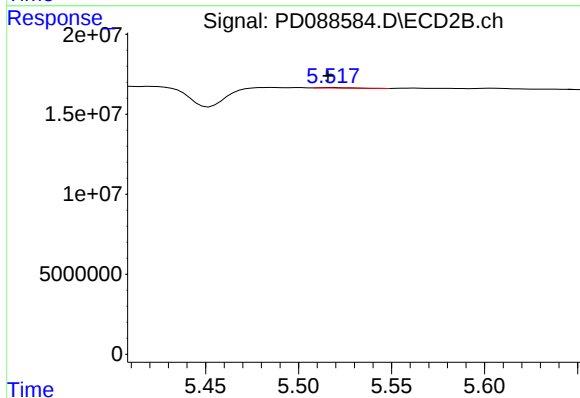
R.T.: 5.382 min
Delta R.T.: 0.003 min
Response: 1412926
Conc: 0.07 ng/ml



#13 Dieldrin

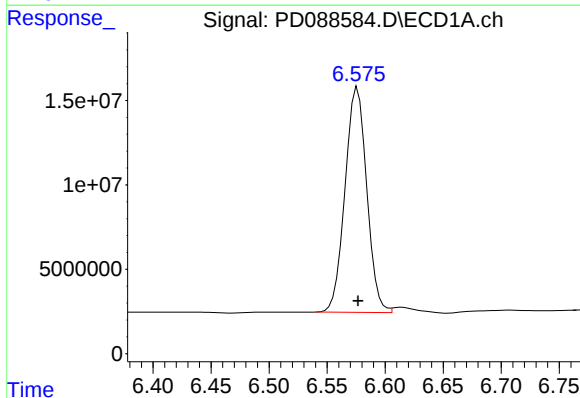
R.T.: 0.000 min
Exp R.T.: 6.350 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



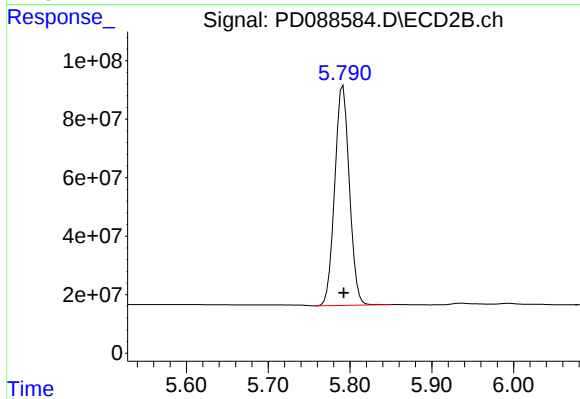
#13 Dieldrin

R.T.: 5.518 min
Delta R.T.: 0.002 min
Response: 346306
Conc: 0.02 ng/ml



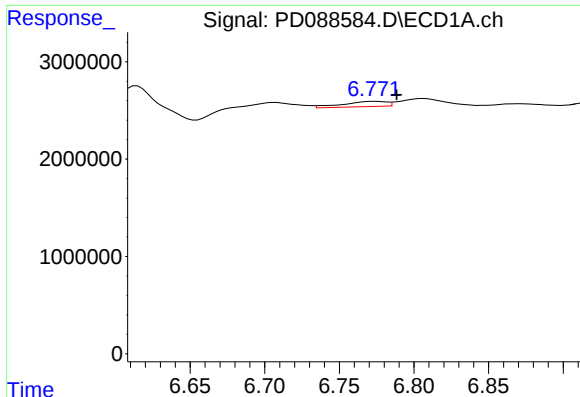
#14 Endrin

R.T.: 6.576 min
Delta R.T.: 0.000 min
Response: 173685082
Conc: 50.86 ng/ml



#14 Endrin

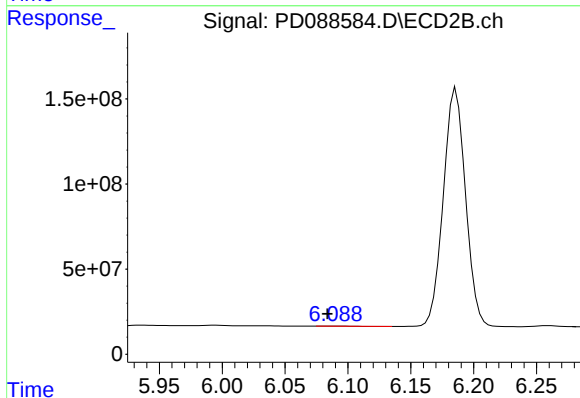
R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 934754801
Conc: 48.47 ng/ml



#15 Endosulfan II

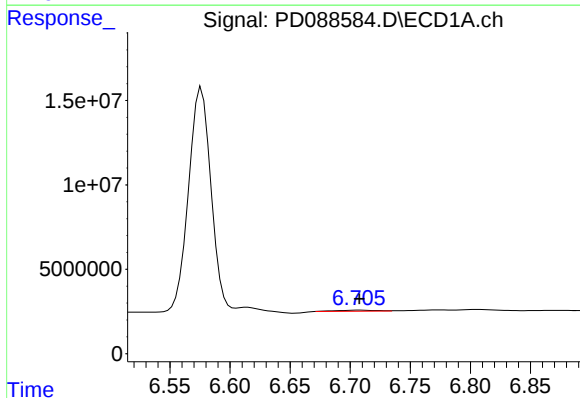
R.T.: 6.774 min
Delta R.T.: -0.014 min
Response: 1106128
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



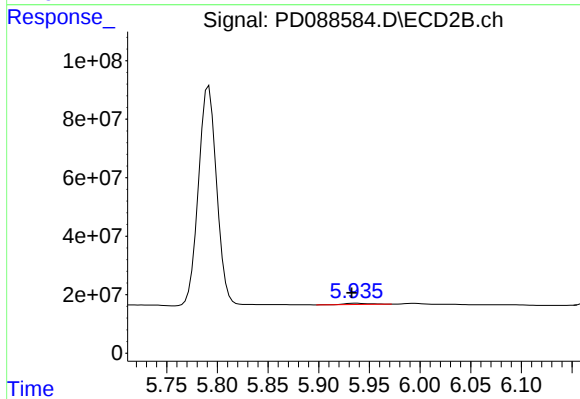
#15 Endosulfan II

R.T.: 6.088 min
Delta R.T.: 0.004 min
Response: 1689577
Conc: 0.09 ng/ml



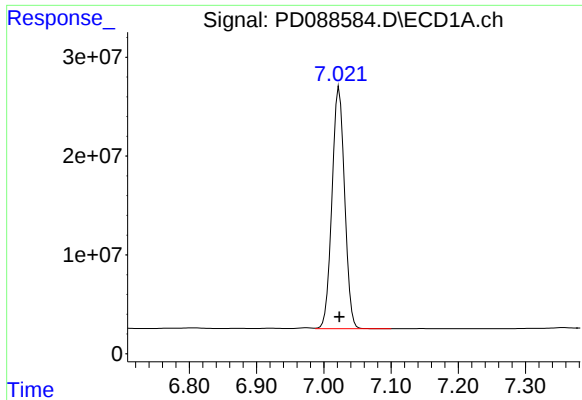
#16 4,4'-DDD

R.T.: 6.707 min
Delta R.T.: 0.000 min
Response: 1526198
Conc: 0.55 ng/ml



#16 4,4'-DDD

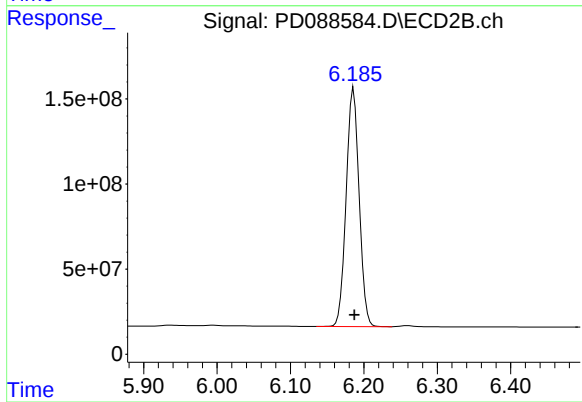
R.T.: 5.937 min
Delta R.T.: 0.004 min
Response: 6417679
Conc: 0.37 ng/ml



#17 4,4'-DDT

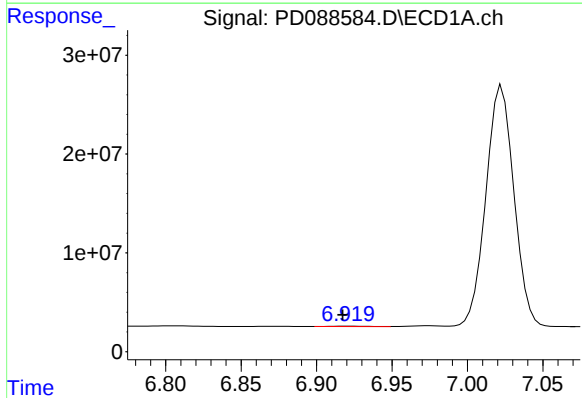
R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 315976412
Conc: 101.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



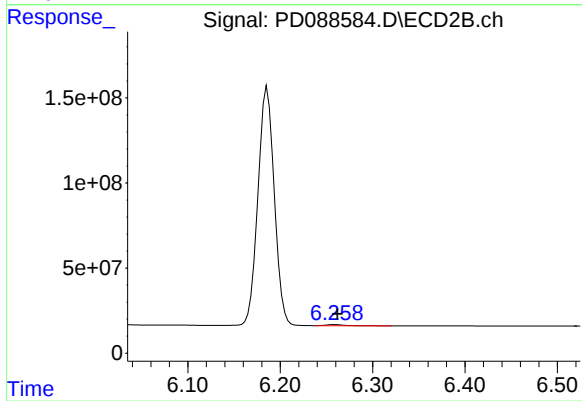
#17 4,4'-DDT

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 1724841287
Conc: 95.10 ng/ml



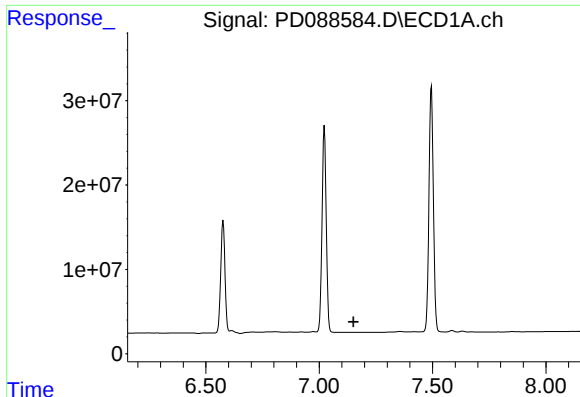
#18 Endrin aldehyde

R.T.: 6.921 min
Delta R.T.: 0.003 min
Response: 653659
Conc: 0.25 ng/ml



#18 Endrin aldehyde

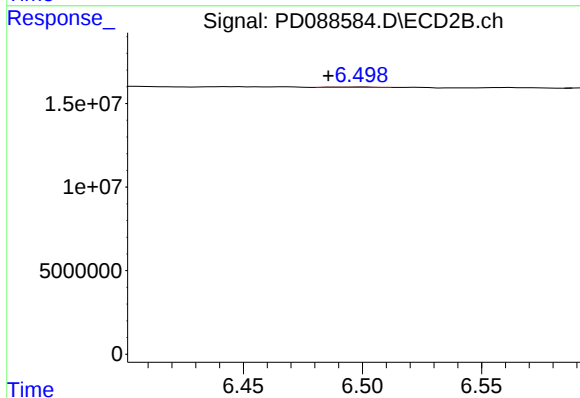
R.T.: 6.260 min
Delta R.T.: -0.002 min
Response: 9017476
Conc: 0.65 ng/ml



#19 Endosulfan Sulfate

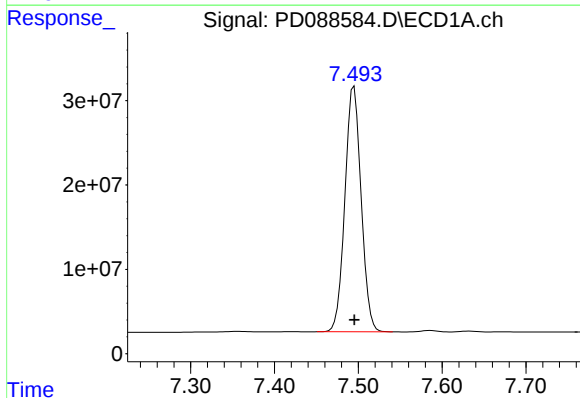
R.T.: 0.000 min
Exp R.T.: 7.152 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



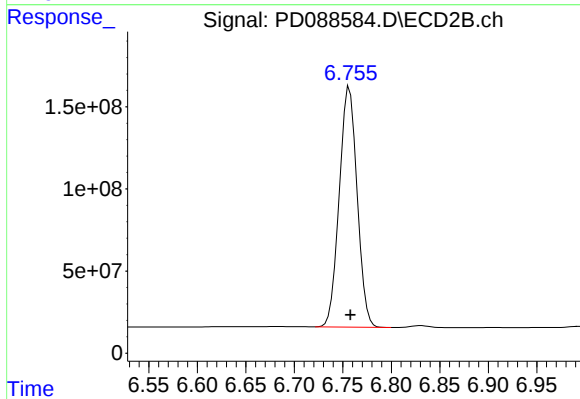
#19 Endosulfan Sulfate

R.T.: 6.500 min
Delta R.T.: 0.014 min
Response: 304472
Conc: 0.02 ng/ml



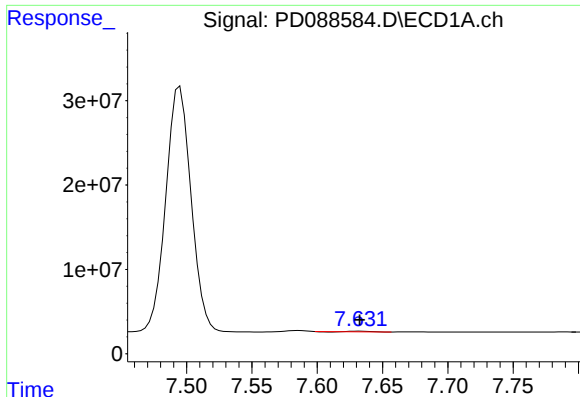
#20 Methoxychlor

R.T.: 7.495 min
Delta R.T.: 0.000 min
Response: 392097860
Conc: 234.71 ng/ml



#20 Methoxychlor

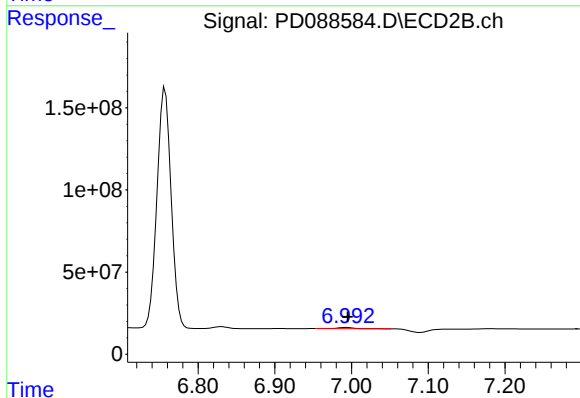
R.T.: 6.757 min
Delta R.T.: -0.001 min
Response: 1873132344
Conc: 195.63 ng/ml



#21 Endrin ketone

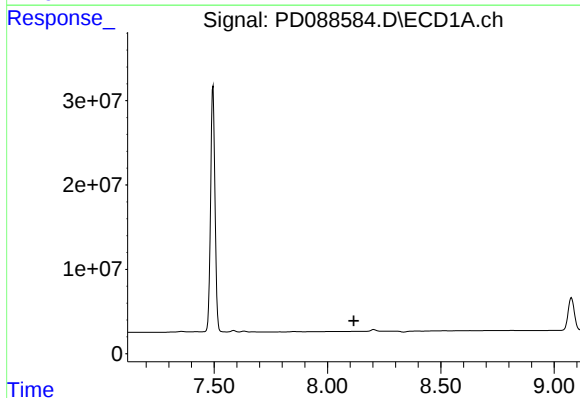
R.T.: 7.633 min
Delta R.T.: 0.000 min
Response: 609123
Conc: 0.18 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



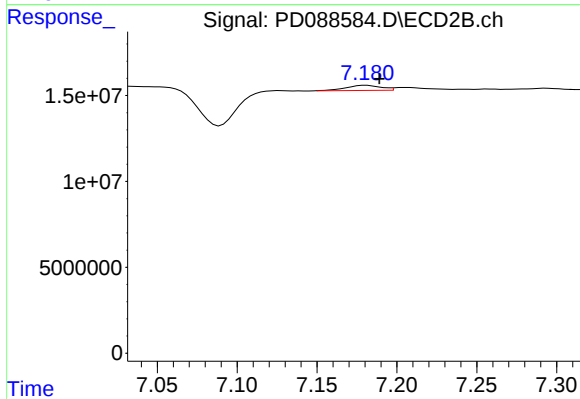
#21 Endrin ketone

R.T.: 6.993 min
Delta R.T.: -0.002 min
Response: 8681203
Conc: 0.45 ng/ml



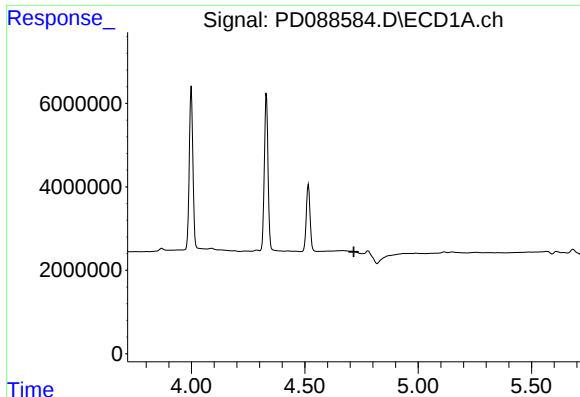
#22 Mirex

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



#22 Mirex

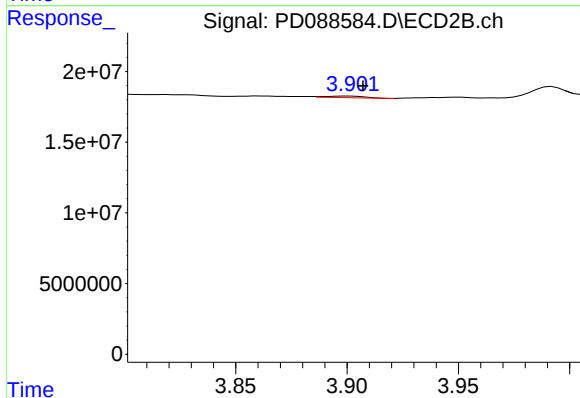
R.T.: 7.181 min
Delta R.T.: -0.008 min
Response: 4568201
Conc: 0.30 ng/ml



#23 Chlordane-1

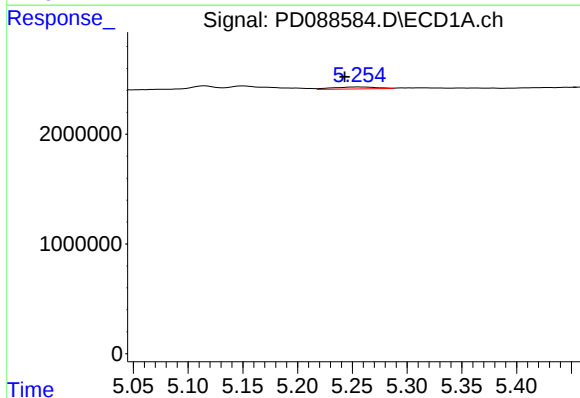
R.T.: 0.000 min
Exp R.T.: 4.716 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



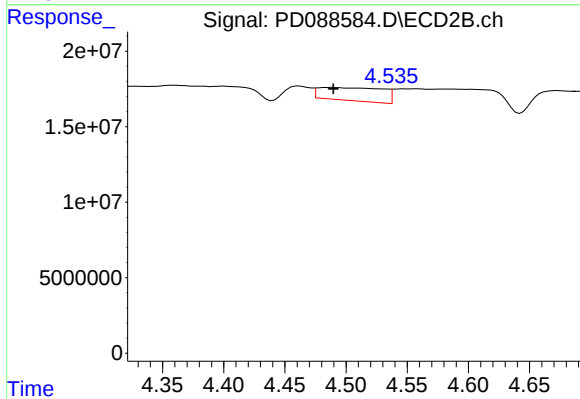
#23 Chlordane-1

R.T.: 3.901 min
Delta R.T.: -0.007 min
Response: 1325854
Conc: 1.60 ng/ml



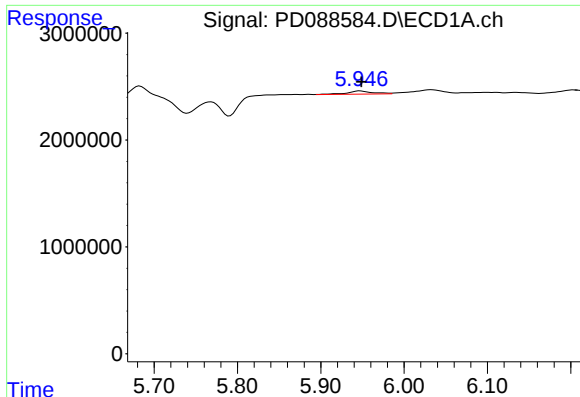
#24 Chlordane-2

R.T.: 5.255 min
Delta R.T.: 0.012 min
Response: 479963
Conc: 2.62 ng/ml



#24 Chlordane-2

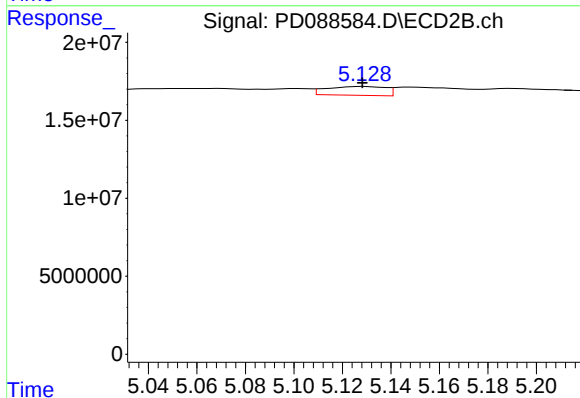
R.T.: 4.489 min
Delta R.T.: 0.000 min
Response: 31313096
Conc: 37.10 ng/ml



#25 Chlordane-3

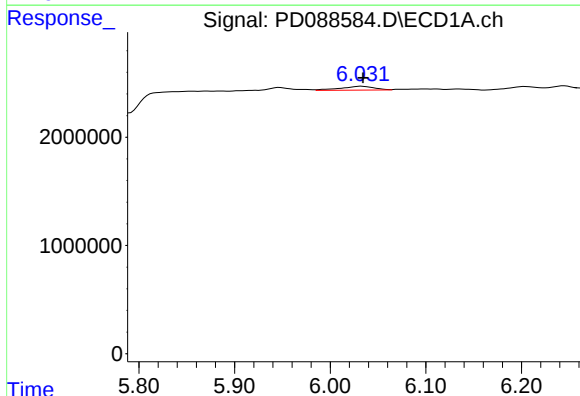
R.T.: 5.947 min
Delta R.T.: -0.001 min
Response: 627612
Conc: 0.85 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



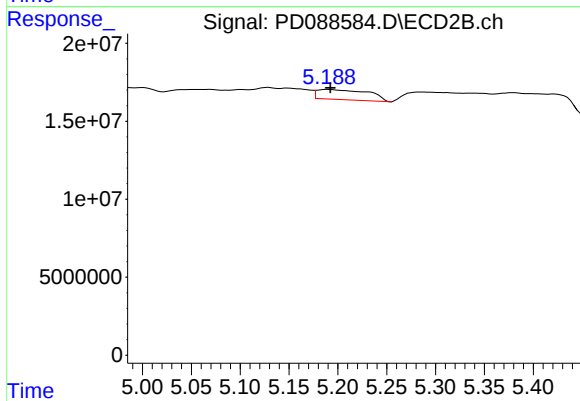
#25 Chlordane-3

R.T.: 5.129 min
Delta R.T.: 0.000 min
Response: 9522313
Conc: 3.61 ng/ml



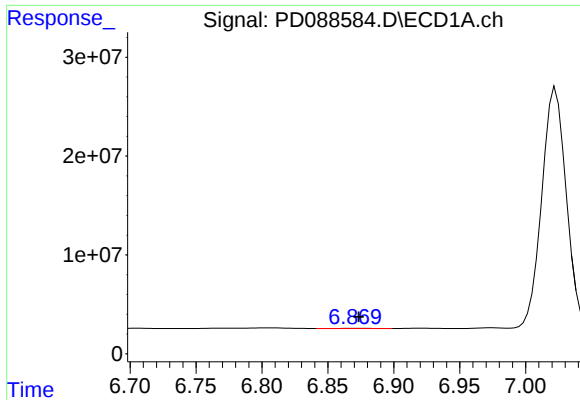
#26 Chlordane-4

R.T.: 6.033 min
Delta R.T.: -0.001 min
Response: 889163
Conc: 0.99 ng/ml



#26 Chlordane-4

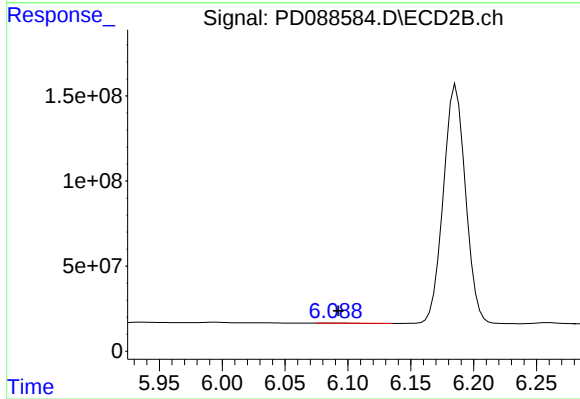
R.T.: 5.190 min
Delta R.T.: -0.003 min
Response: 23598968
Conc: 10.67 ng/ml



#27 Chlordane-5

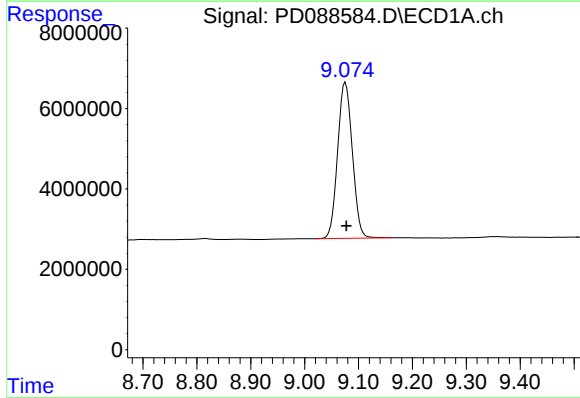
R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 294477
Conc: 1.94 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



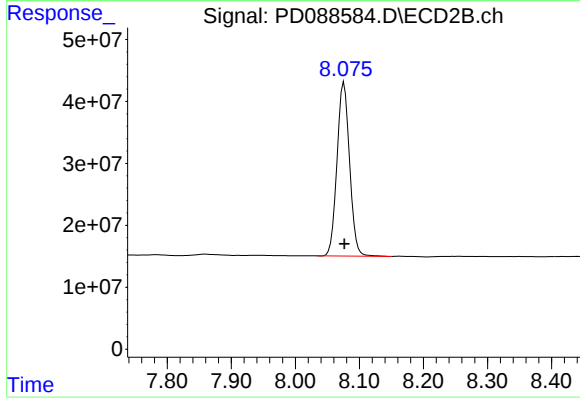
#27 Chlordane-5

R.T.: 6.088 min
Delta R.T.: -0.005 min
Response: 1689577
Conc: 1.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.076 min
Delta R.T.: -0.002 min
Response: 73616024
Conc: 21.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.076 min
Delta R.T.: 0.000 min
Response: 382665210
Conc: 20.96 ng/ml