

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
 Data File : PD088463.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2025 12:58
 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 13 01:28:31 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...	3.550	2.881	45838362	313.1E6	22.949	21.412
28)	SA Decachlor...	9.071	8.073	79455818	392.7E6	24.019	21.248
Target Compounds							
2)	A alpha-BHC	4.000	3.394	44549865	254.2E6	10.332	11.117
3)	MA gamma-BHC...	4.330	3.730	44951530	241.1E6	10.735	11.193
4)	MA Heptachlor	0.000	4.082	0	1217736	N.D.	0.057 #
5)	MB Aldrin	0.000	4.365	0	1701970	N.D.	0.082 #
6)	B beta-BHC	4.515	4.026	18926991	106.1E6	11.659	11.469
7)	B delta-BHC	4.777	4.242f	3359510	175336	0.814	0.008 #
8)	B Heptachlo...	5.678	4.871	65558	396145	0.018	0.021
9)	A Endosulfan I	0.000	5.272f	0	483540	N.D.	0.027 #
10)	B gamma-Chl...	5.945	5.127	778915	5492659	0.215	0.271 #
11)	B alpha-Chl...	6.030	5.190	890371	2761603	0.247	0.141 #
12)	B 4,4'-DDE	6.200	5.378	153917	1595839	0.047	0.081 #
13)	MA Dieldrin	0.000	5.515	0	215866	N.D.	0.011 #
14)	MA Endrin	6.574	5.790	175.0E6	895.6E6	58.667	49.204
15)	B Endosulfa...	6.803f	6.089	997106	2344707	0.319	0.134 #
16)	A 4,4'-DDD	6.704	5.932	1382263	10128848	0.550	0.618
17)	MA 4,4'-DDT	7.021	6.184	330.6E6	1668.0E6	119.012	98.021
18)	B Endrin al...	6.917	6.258	625782	9538542	0.271	0.717 #
19)	B Endosulfa...	0.000	6.458f	0	745092	N.D.	0.043 #
20)	A Methoxychlor	7.492	6.755	404.1E6	1663.1E6	269.489	182.339 #
21)	B Endrin ke...	7.629	6.991	1210792	13783889	0.392	0.737 #
22)	Mirex	0.000	7.177	0	2885793	N.D.	0.195 #
23)	Chlordane-1	0.000	3.904	0	1128892	N.D.	1.408 #
24)	Chlordane-2	0.000	4.483	0	560026	N.D.	0.679 #
25)	Chlordane-3	5.945	5.127	778915	5492659	1.155	2.172 #
26)	Chlordane-4	6.030	5.190	890371	2761603	1.092	1.292
27)	Chlordane-5	6.870	6.089	234575	2344707	1.726	2.428 #

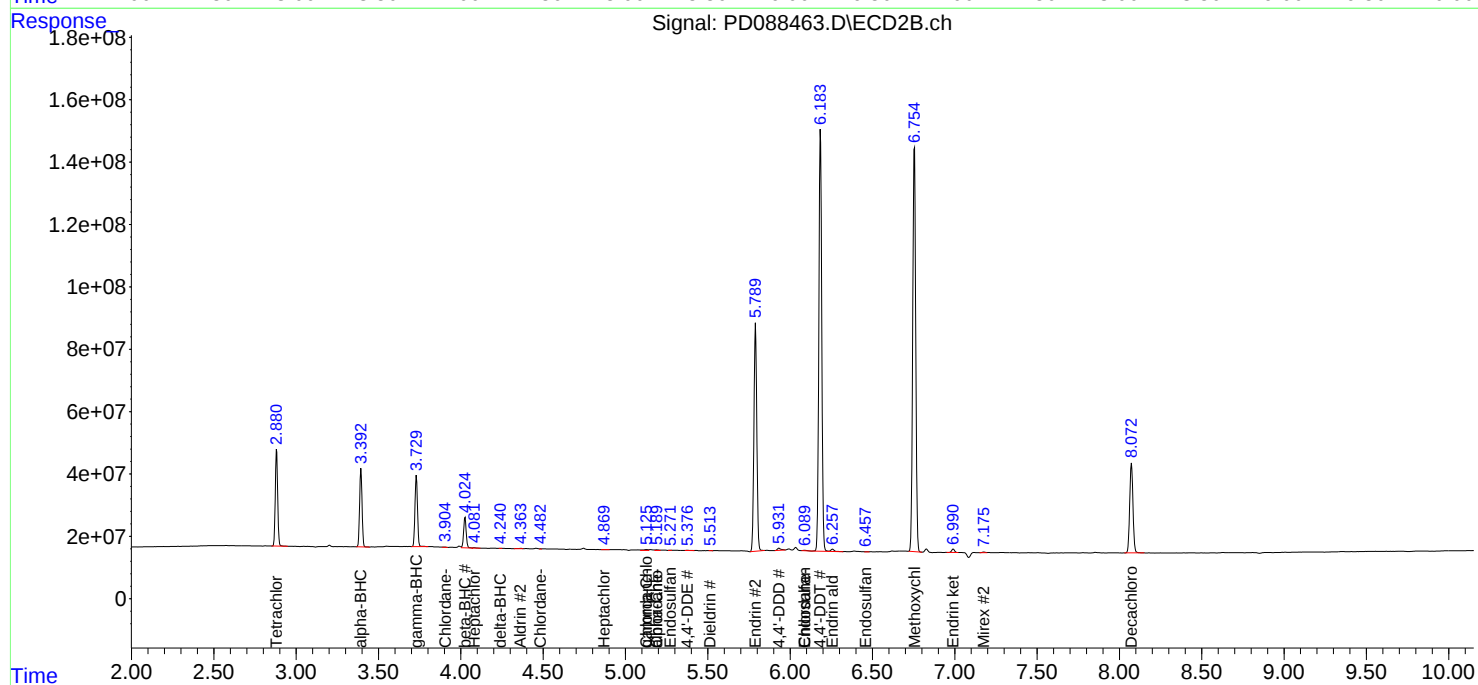
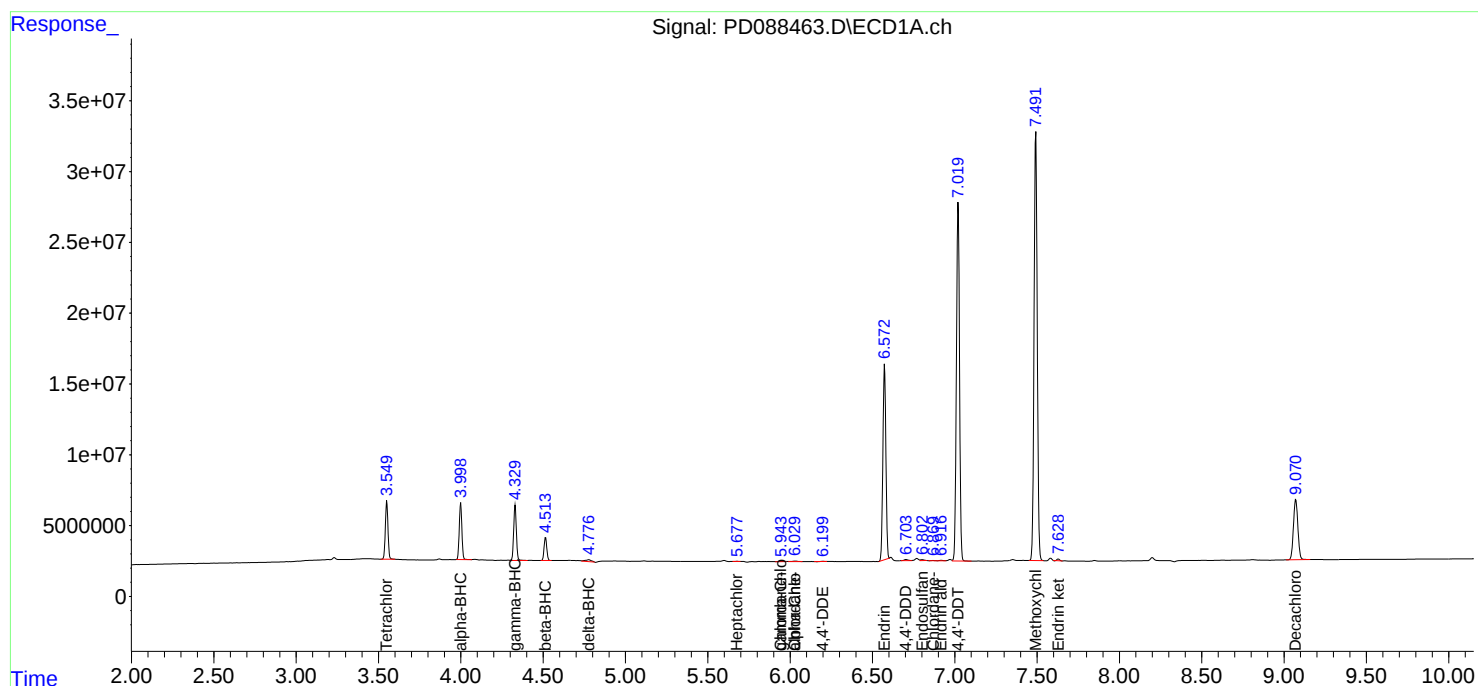
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

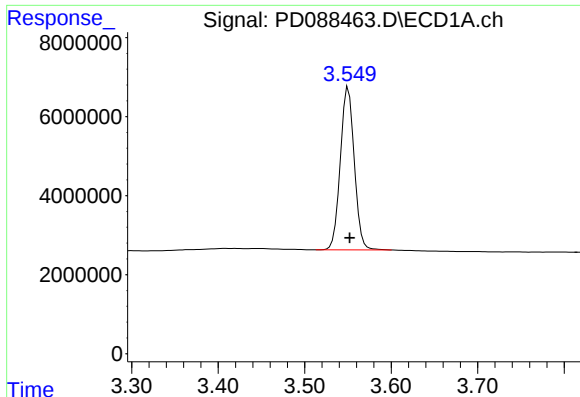
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD051225\
Data File : PD088463.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2025 12:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 01:28:31 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

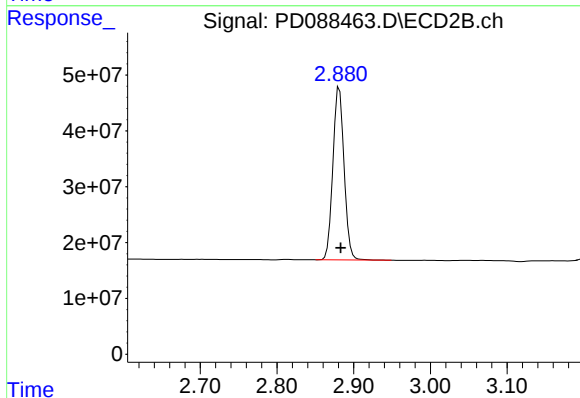




#1 Tetrachloro-m-xylene

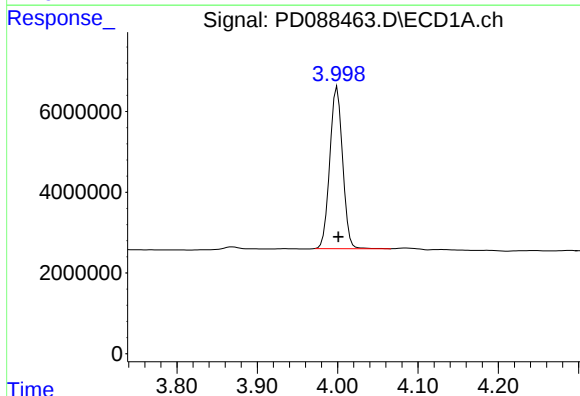
R.T.: 3.550 min
Delta R.T.: -0.002 min
Response: 45838362
Conc: 22.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



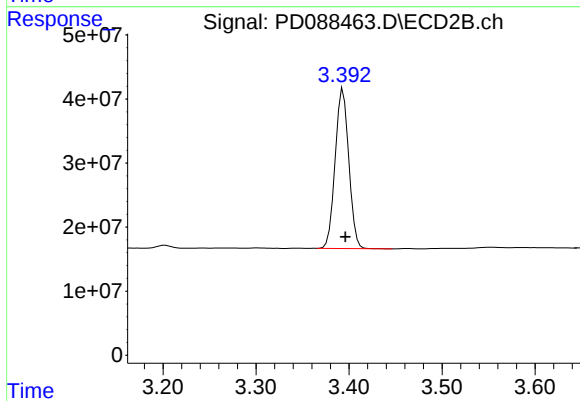
#1 Tetrachloro-m-xylene

R.T.: 2.881 min
Delta R.T.: -0.002 min
Response: 313077963
Conc: 21.41 ng/ml



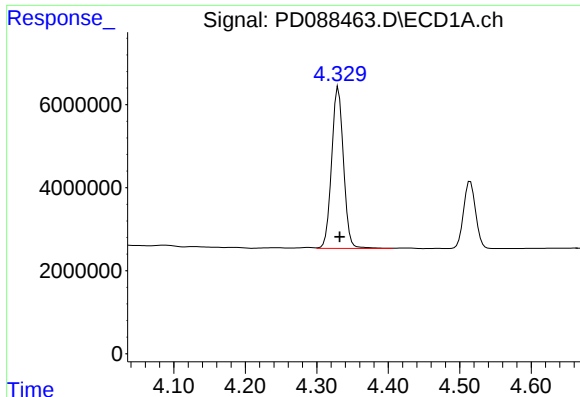
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.001 min
Response: 44549865
Conc: 10.33 ng/ml



#2 alpha-BHC

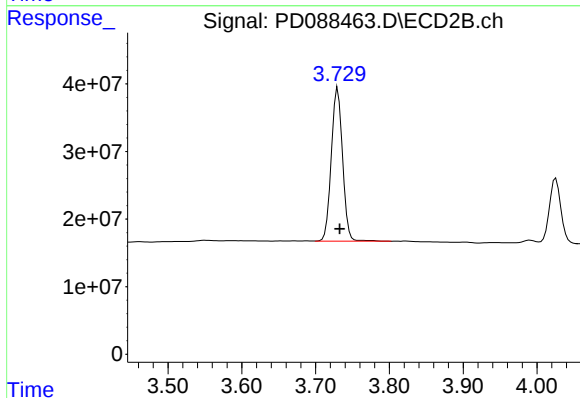
R.T.: 3.394 min
Delta R.T.: -0.002 min
Response: 254159436
Conc: 11.12 ng/ml



#3 gamma-BHC (Lindane)

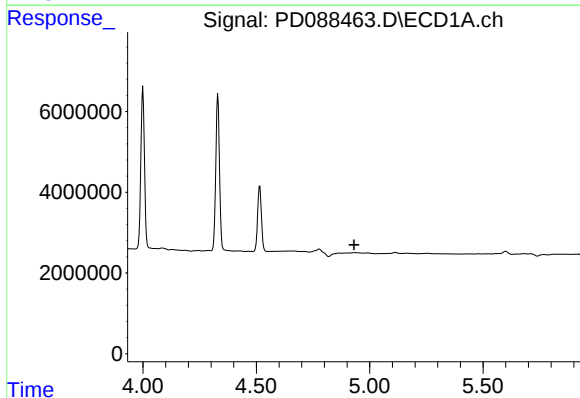
R.T.: 4.330 min
Delta R.T.: -0.002 min
Response: 44951530
Conc: 10.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



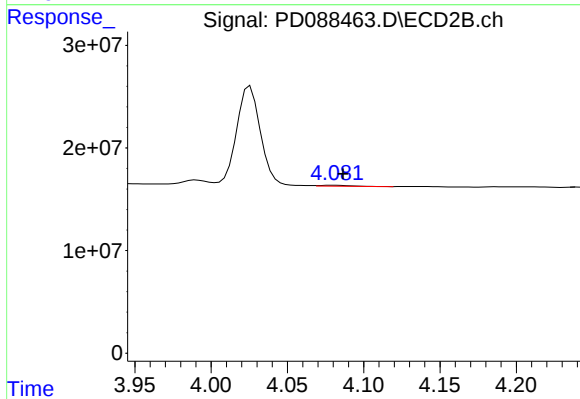
#3 gamma-BHC (Lindane)

R.T.: 3.730 min
Delta R.T.: -0.003 min
Response: 241080726
Conc: 11.19 ng/ml



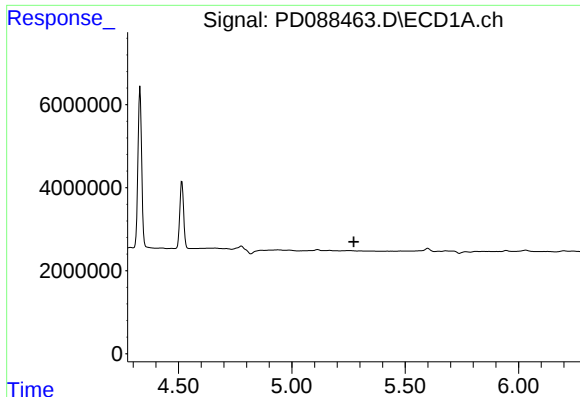
#4 Heptachlor

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



#4 Heptachlor

R.T.: 4.082 min
Delta R.T.: -0.004 min
Response: 1217736
Conc: 0.06 ng/ml



#5 Aldrin

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

Instrument :
ECD_D
ClientSampleId :
PEM

#5 Aldrin

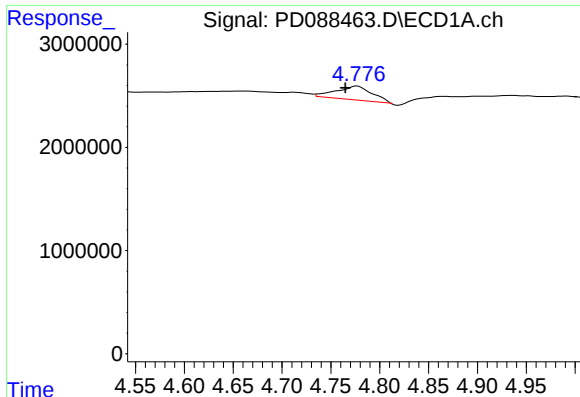
R.T.: 4.365 min
Delta R.T.: -0.008 min
Response: 1701970
Conc: 0.08 ng/ml

#6 beta-BHC

R.T.: 4.515 min
Delta R.T.: -0.001 min
Response: 18926991
Conc: 11.66 ng/ml

#6 beta-BHC

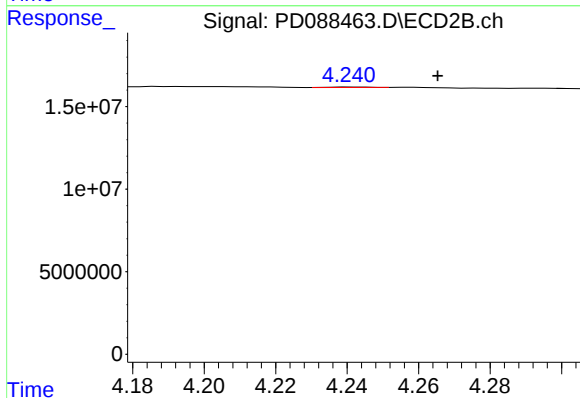
R.T.: 4.026 min
Delta R.T.: -0.003 min
Response: 106132933
Conc: 11.47 ng/ml



#7 delta-BHC

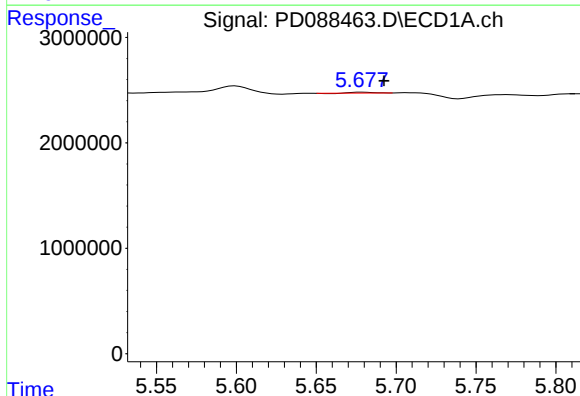
R.T.: 4.777 min
Delta R.T.: 0.012 min
Response: 3359510
Conc: 0.81 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



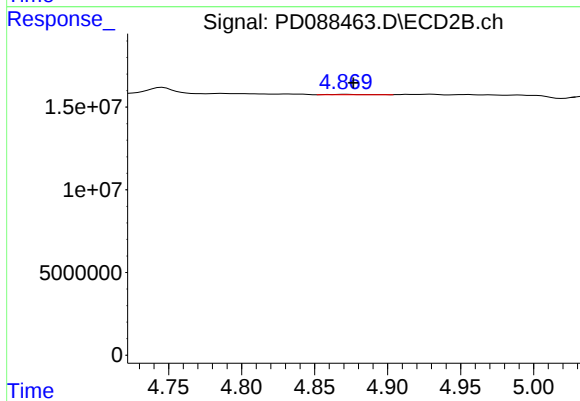
#7 delta-BHC

R.T.: 4.242 min
Delta R.T.: -0.024 min
Response: 175336
Conc: 0.01 ng/ml



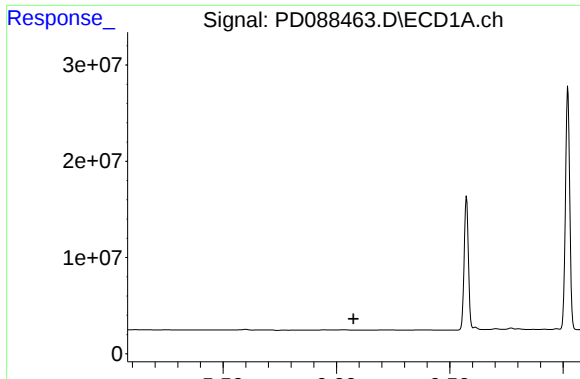
#8 Heptachlor epoxide

R.T.: 5.678 min
Delta R.T.: -0.014 min
Response: 65558
Conc: 0.02 ng/ml



#8 Heptachlor epoxide

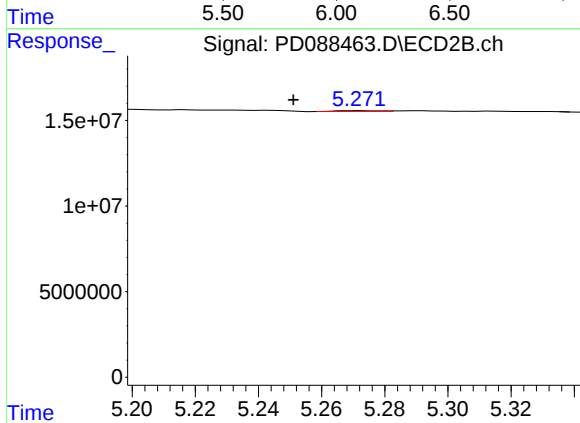
R.T.: 4.871 min
Delta R.T.: -0.005 min
Response: 396145
Conc: 0.02 ng/ml



#9 Endosulfan I

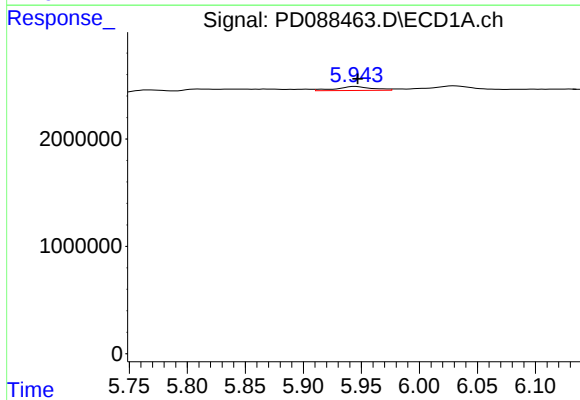
R.T.: 0.000 min
Exp R.T.: 6.076 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



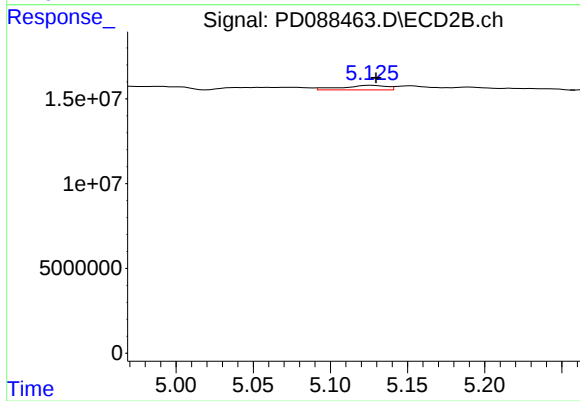
#9 Endosulfan I

R.T.: 5.272 min
Delta R.T.: 0.021 min
Response: 483540
Conc: 0.03 ng/ml



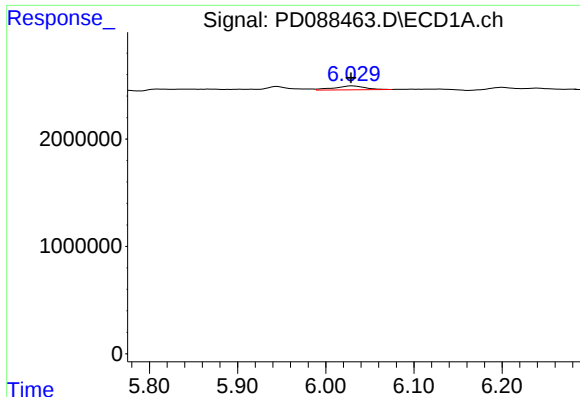
#10 gamma-Chlordane

R.T.: 5.945 min
Delta R.T.: -0.002 min
Response: 778915
Conc: 0.22 ng/ml



#10 gamma-Chlordane

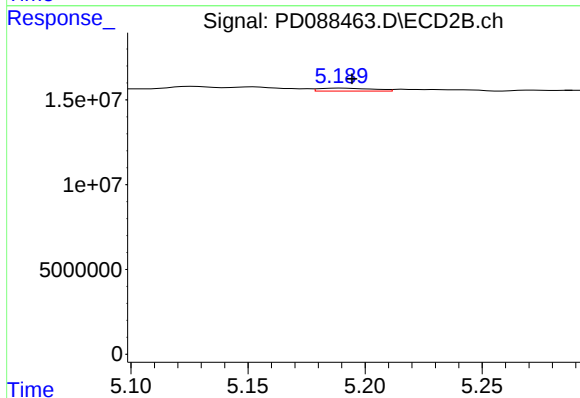
R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 5492659
Conc: 0.27 ng/ml



#11 alpha-Chlordane

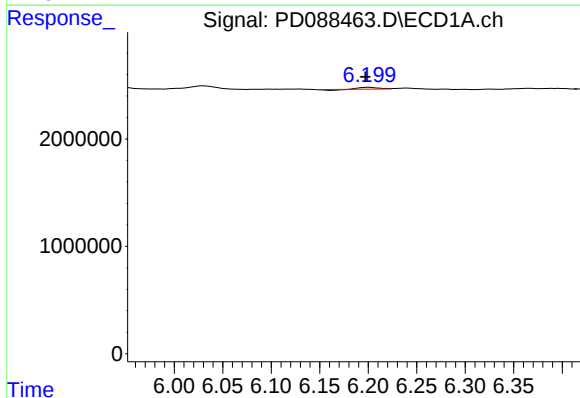
R.T.: 6.030 min
Delta R.T.: 0.002 min
Response: 890371
Conc: 0.25 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



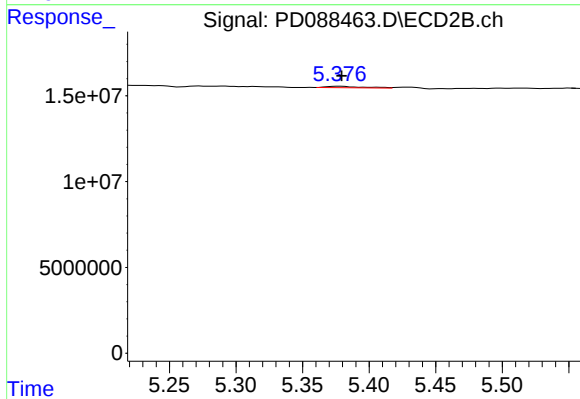
#11 alpha-Chlordane

R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 2761603
Conc: 0.14 ng/ml



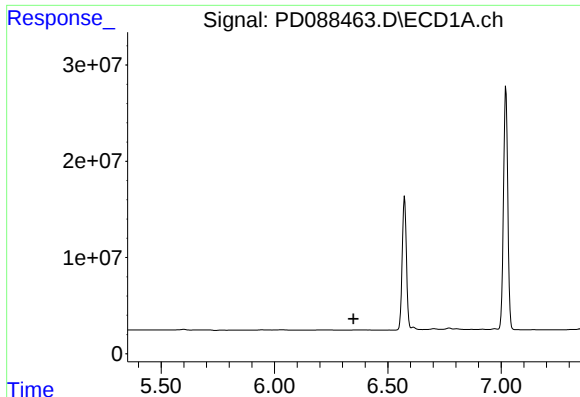
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.003 min
Response: 153917
Conc: 0.05 ng/ml



#12 4,4'-DDE

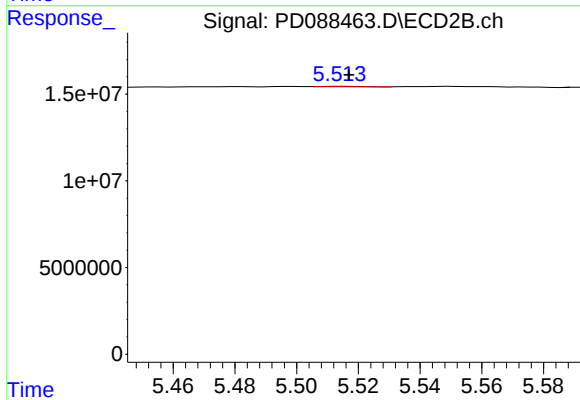
R.T.: 5.378 min
Delta R.T.: -0.002 min
Response: 1595839
Conc: 0.08 ng/ml



#13 Dieldrin

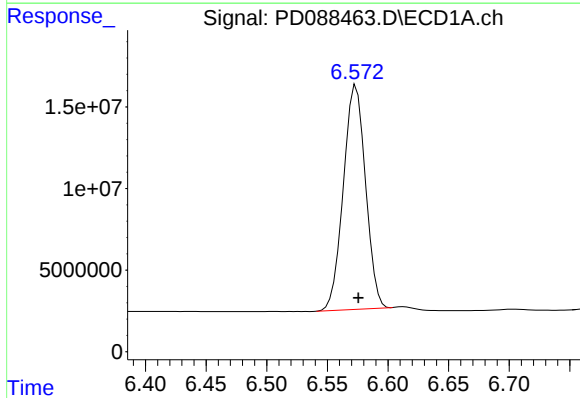
R.T.: 0.000 min
Exp R.T.: 6.349 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



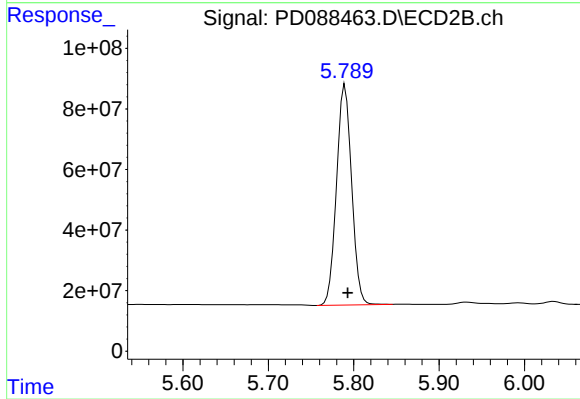
#13 Dieldrin

R.T.: 5.515 min
Delta R.T.: -0.002 min
Response: 215866
Conc: 0.01 ng/ml



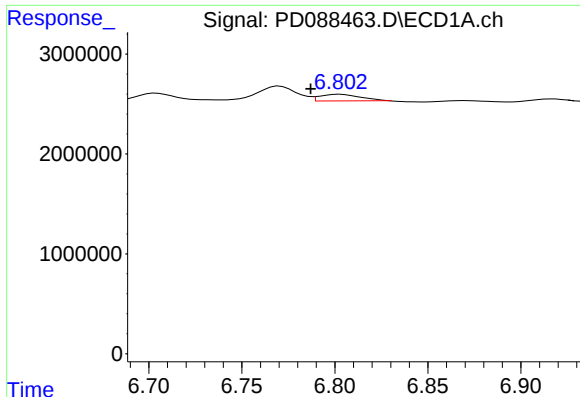
#14 Endrin

R.T.: 6.574 min
Delta R.T.: -0.002 min
Response: 174978414
Conc: 58.67 ng/ml



#14 Endrin

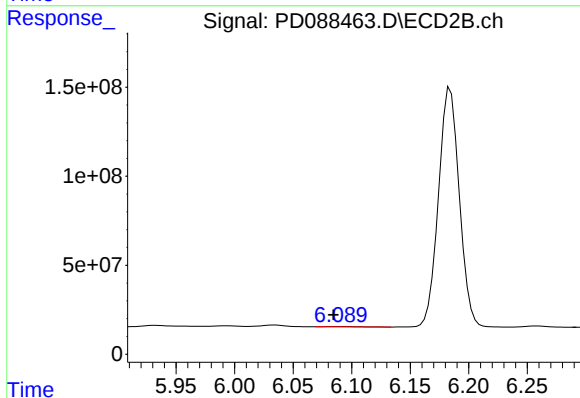
R.T.: 5.790 min
Delta R.T.: -0.003 min
Response: 895635222
Conc: 49.20 ng/ml



#15 Endosulfan II

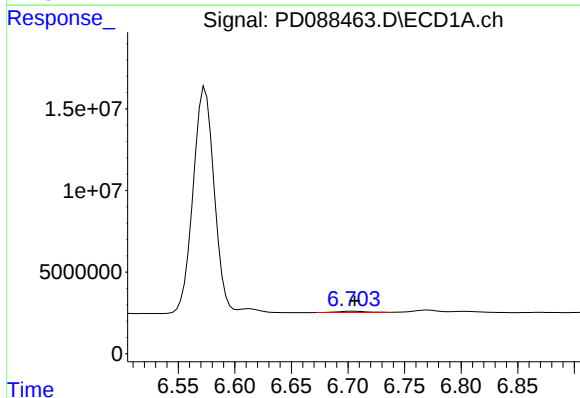
R.T.: 6.803 min
Delta R.T.: 0.016 min
Response: 997106
Conc: 0.32 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



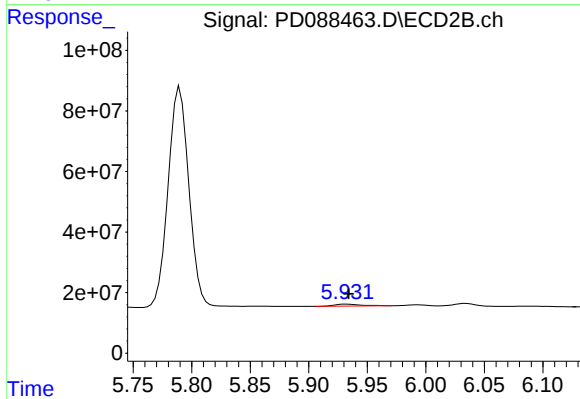
#15 Endosulfan II

R.T.: 6.089 min
Delta R.T.: 0.005 min
Response: 2344707
Conc: 0.13 ng/ml



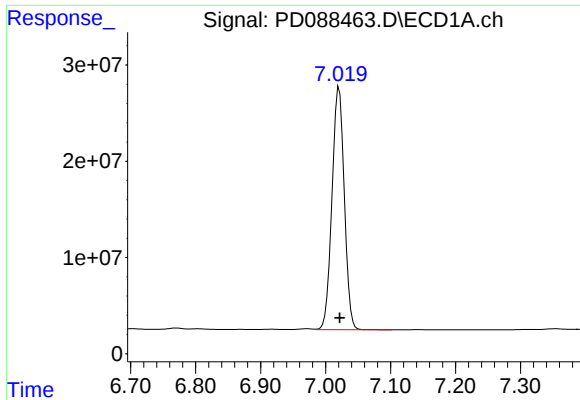
#16 4,4'-DDD

R.T.: 6.704 min
Delta R.T.: -0.002 min
Response: 1382263
Conc: 0.55 ng/ml



#16 4,4'-DDD

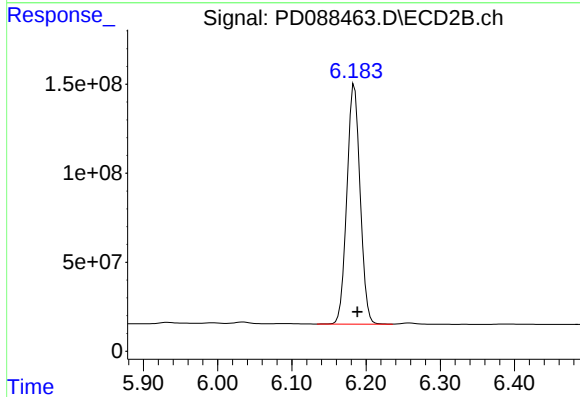
R.T.: 5.932 min
Delta R.T.: -0.002 min
Response: 10128848
Conc: 0.62 ng/ml



#17 4,4'-DDT

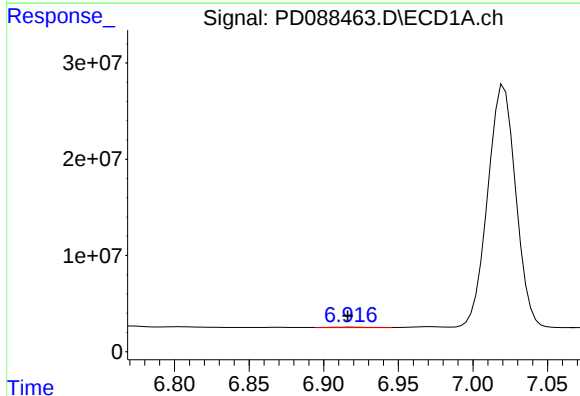
R.T.: 7.021 min
Delta R.T.: -0.001 min
Response: 330560625
Conc: 119.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



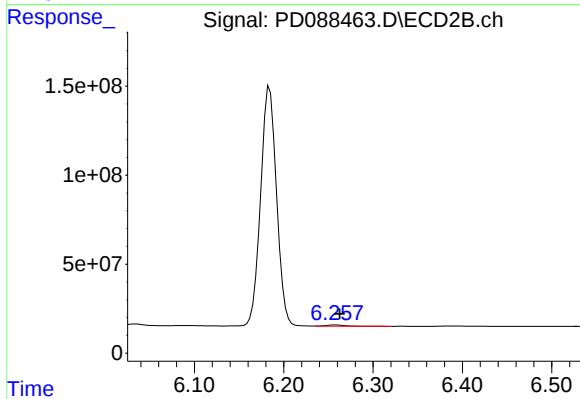
#17 4,4'-DDT

R.T.: 6.184 min
Delta R.T.: -0.004 min
Response: 1667974200
Conc: 98.02 ng/ml



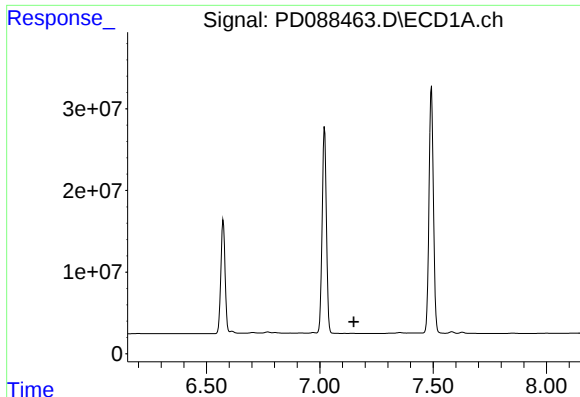
#18 Endrin aldehyde

R.T.: 6.917 min
Delta R.T.: 0.001 min
Response: 625782
Conc: 0.27 ng/ml



#18 Endrin aldehyde

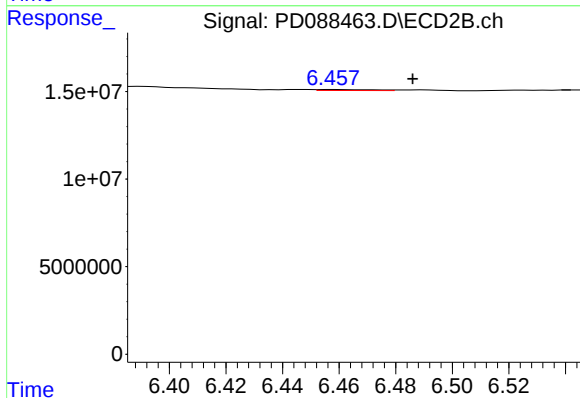
R.T.: 6.258 min
Delta R.T.: -0.005 min
Response: 9538542
Conc: 0.72 ng/ml



#19 Endosulfan Sulfate

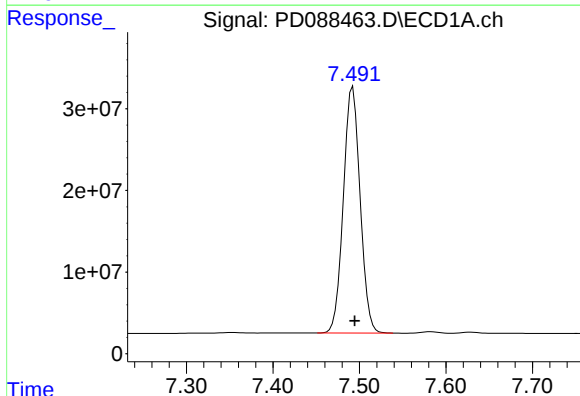
R.T.: 0.000 min
Exp R.T.: 7.150 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



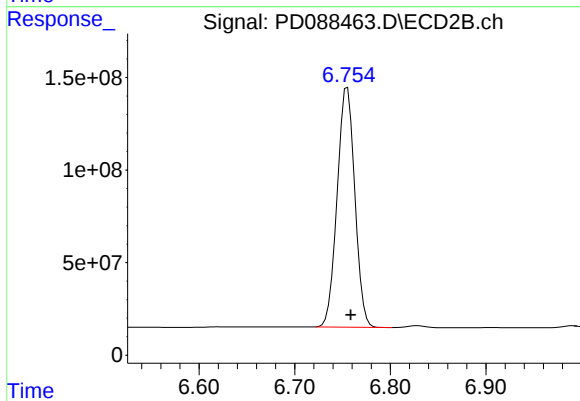
#19 Endosulfan Sulfate

R.T.: 6.458 min
Delta R.T.: -0.028 min
Response: 745092
Conc: 0.04 ng/ml



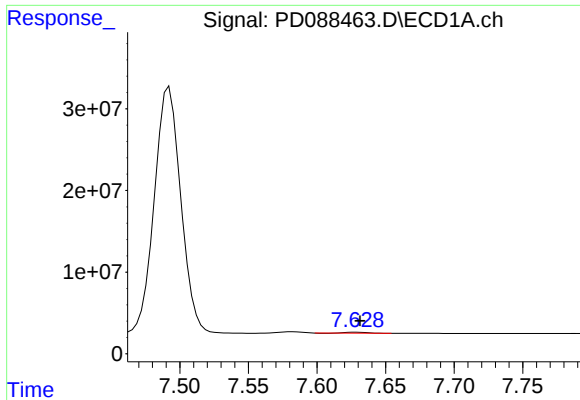
#20 Methoxychlor

R.T.: 7.492 min
Delta R.T.: -0.002 min
Response: 404110435
Conc: 269.49 ng/ml



#20 Methoxychlor

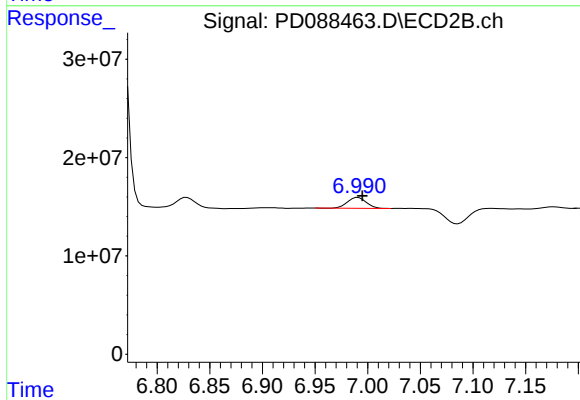
R.T.: 6.755 min
Delta R.T.: -0.004 min
Response: 1663128386
Conc: 182.34 ng/ml



#21 Endrin ketone

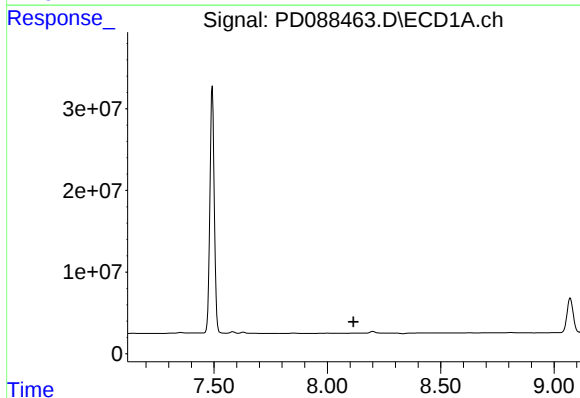
R.T.: 7.629 min
Delta R.T.: -0.002 min
Response: 1210792
Conc: 0.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



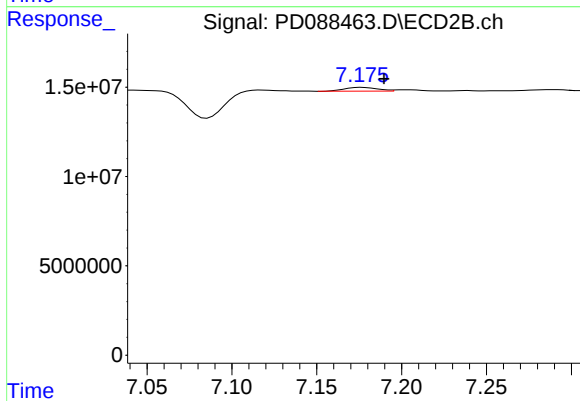
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.004 min
Response: 13783889
Conc: 0.74 ng/ml



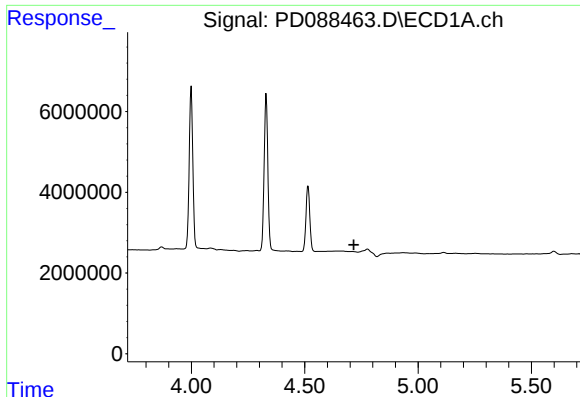
#22 Mirex

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



#22 Mirex

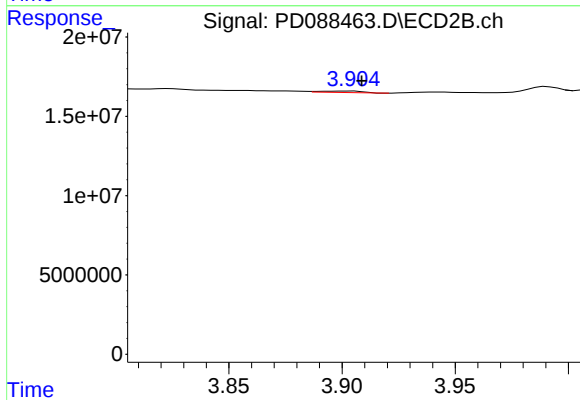
R.T.: 7.177 min
Delta R.T.: -0.013 min
Response: 2885793
Conc: 0.19 ng/ml



#23 Chlordane-1

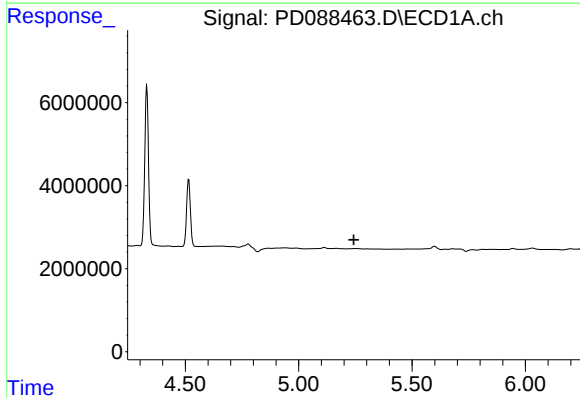
R.T.: 0.000 min
Exp R.T.: 4.717 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



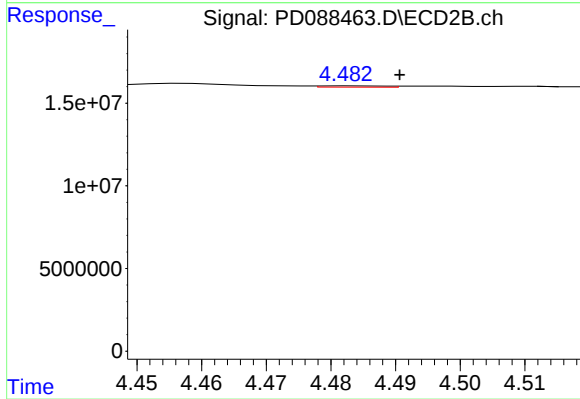
#23 Chlordane-1

R.T.: 3.904 min
Delta R.T.: -0.004 min
Response: 1128892
Conc: 1.41 ng/ml



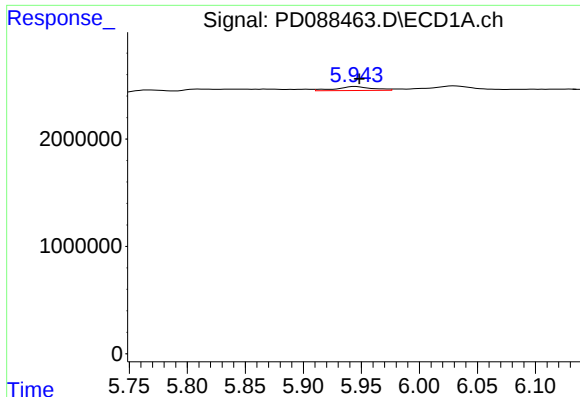
#24 Chlordane-2

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



#24 Chlordane-2

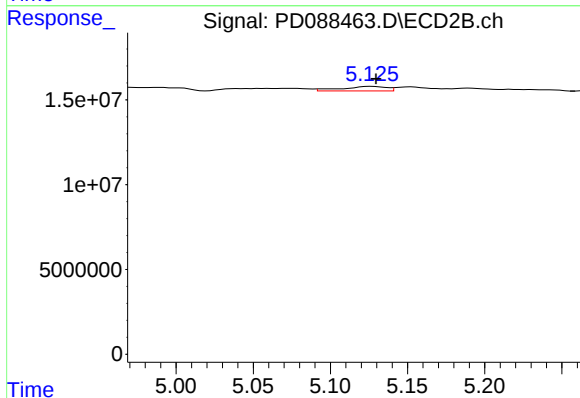
R.T.: 4.483 min
Delta R.T.: -0.007 min
Response: 560026
Conc: 0.68 ng/ml



#25 Chlordane-3

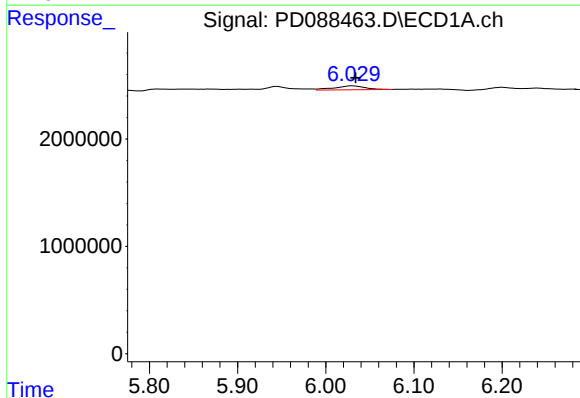
R.T.: 5.945 min
Delta R.T.: -0.003 min
Response: 778915
Conc: 1.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



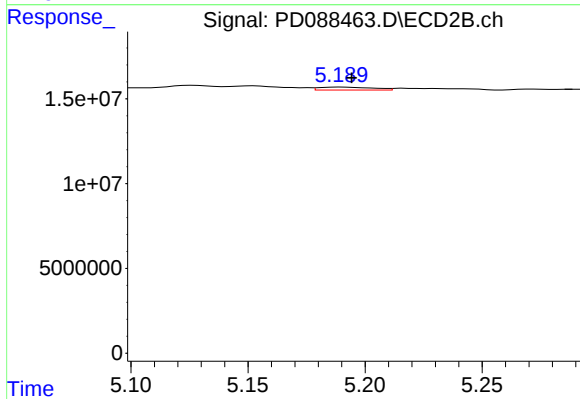
#25 Chlordane-3

R.T.: 5.127 min
Delta R.T.: -0.003 min
Response: 5492659
Conc: 2.17 ng/ml



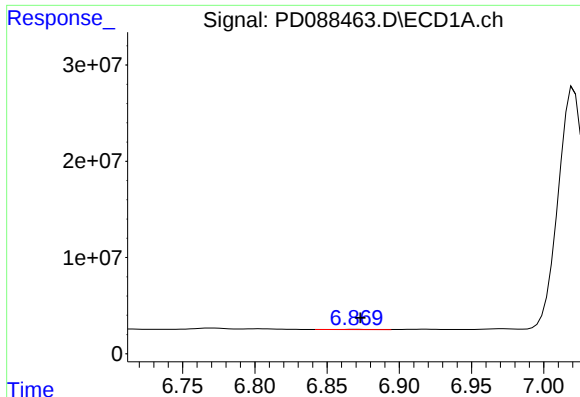
#26 Chlordane-4

R.T.: 6.030 min
Delta R.T.: -0.004 min
Response: 890371
Conc: 1.09 ng/ml



#26 Chlordane-4

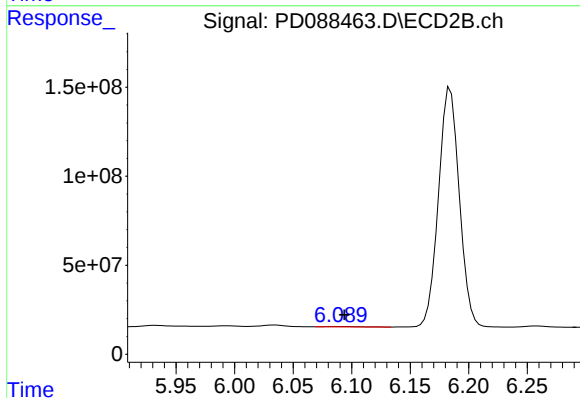
R.T.: 5.190 min
Delta R.T.: -0.004 min
Response: 2761603
Conc: 1.29 ng/ml



#27 Chlordane-5

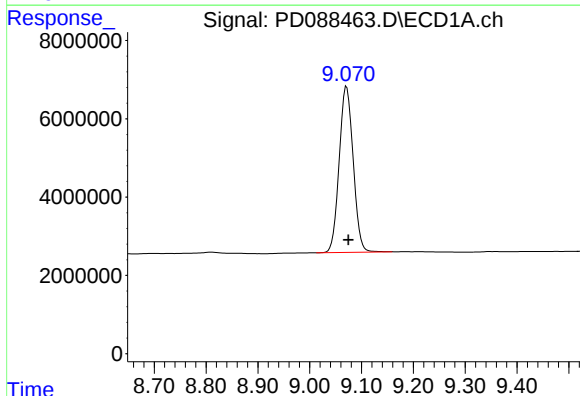
R.T.: 6.870 min
Delta R.T.: -0.003 min
Response: 234575
Conc: 1.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



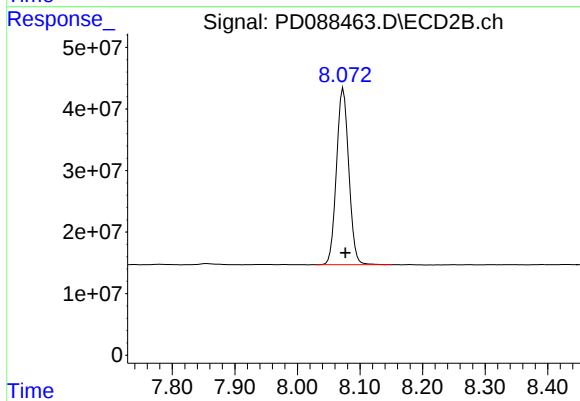
#27 Chlordane-5

R.T.: 6.089 min
Delta R.T.: -0.005 min
Response: 2344707
Conc: 2.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.071 min
Delta R.T.: -0.004 min
Response: 79455818
Conc: 24.02 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.073 min
Delta R.T.: -0.004 min
Response: 392660881
Conc: 21.25 ng/ml