

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065177.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 09:24
 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: Aug 23 01:50:34 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD082021.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 20 02:25:41 2021
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.496	4.013	21985812	169.2E6	21.389	21.358
28)	SA Decachlor...	8.239	9.082	28012076	107.3E6	24.723	22.669
Target Compounds							
2)	A alpha-BHC	3.935	4.408	15432087	127.7E6	10.783	10.991
3)	MA gamma-BHC...	4.218	4.693	15017647	114.8E6	10.946	10.834
4)	MA Heptachlor	0.000	5.175f	0	3953785	N.D.	0.394 #
6)	B beta-BHC	4.466	4.869	8179148	59327117	4.174	10.226 #
7)	B delta-BHC	0.000	5.091	0	1729293	N.D.	0.178 #
8)	B Heptachlo...	0.000	5.889	0	78367316	N.D.	10.504 #
14)	MA Endrin	6.046	6.726	57111435	245.5E6	54.423	39.884 #
16)	A 4,4'-DDD	6.168	6.850	1402283	10199927	1.483	1.735
17)	MA 4,4'-DDT	6.408	7.147	103.3E6	582.9E6	103.836	97.206
18)	B Endrin al...	0.000	7.064	0	4024286	N.D.	0.863 #
20)	A Methoxychlor	6.954	7.606	143.2E6	722.4E6	243.003	238.733
21)	B Endrin ke...	7.189	7.760	1743512	11324261	1.368	1.743 #
22)	Mirex	0.000	8.240f	0	2891251	N.D.	0.649 #
23)	Chlordane-1	4.395f	0.000	2036554	0	53.775	N.D. #

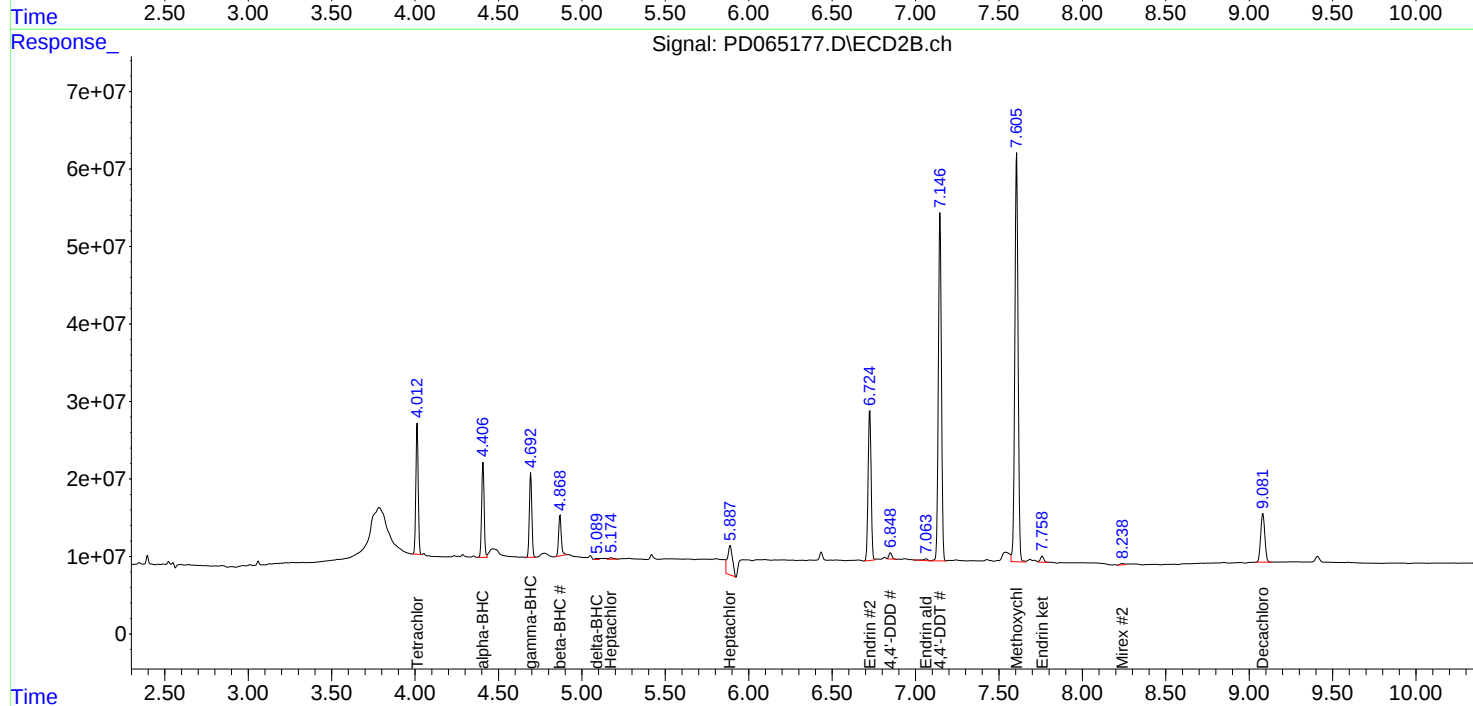
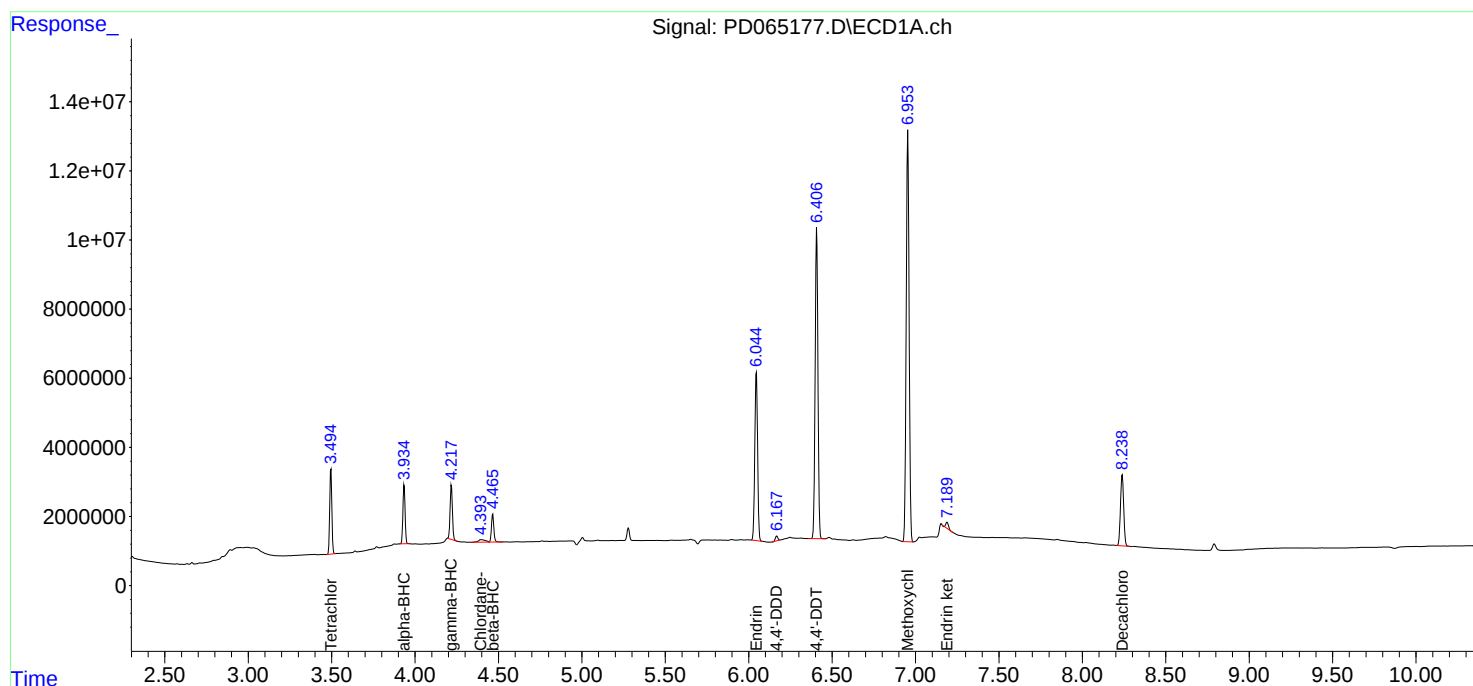
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

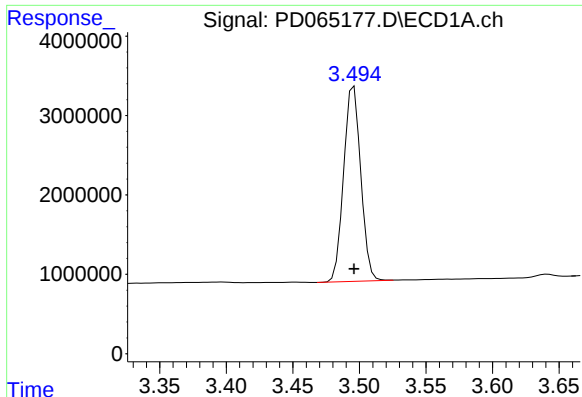
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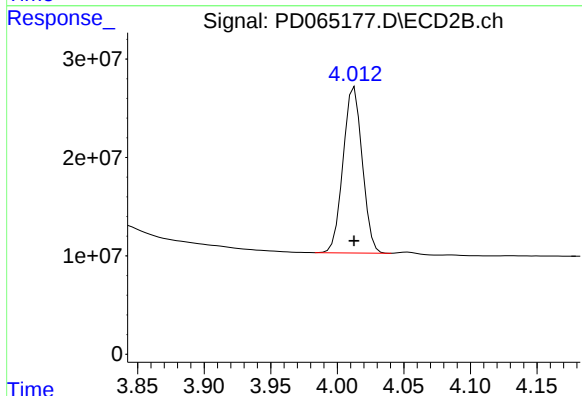




#1 Tetrachloro-m-xylene

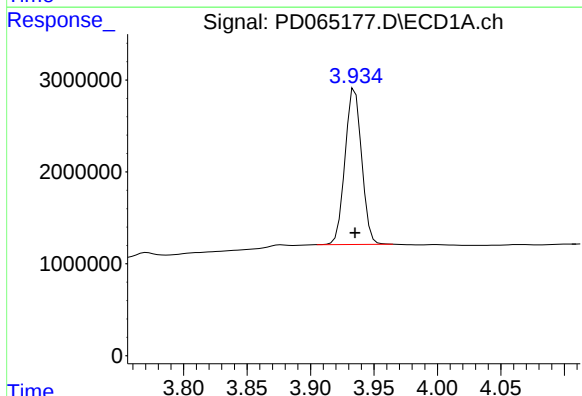
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 21985812
Conc: 21.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



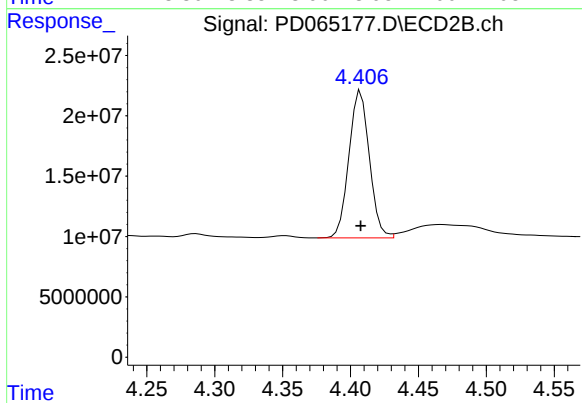
#1 Tetrachloro-m-xylene

R.T.: 4.013 min
Delta R.T.: 0.000 min
Response: 169169045
Conc: 21.36 ng/ml



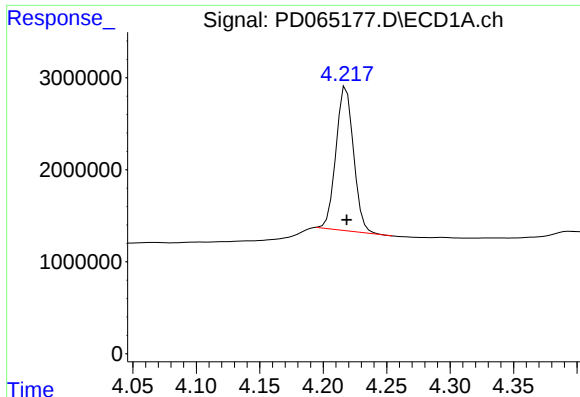
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15432087
Conc: 10.78 ng/ml



#2 alpha-BHC

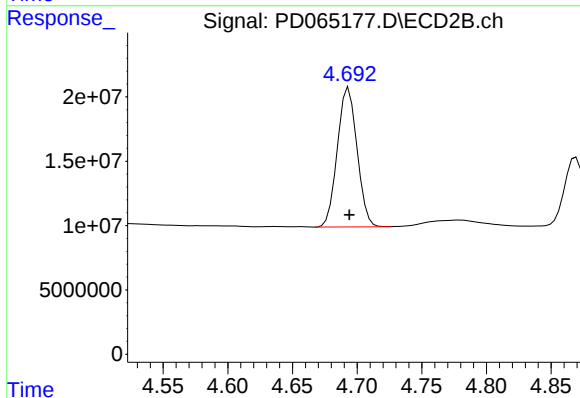
R.T.: 4.408 min
Delta R.T.: 0.000 min
Response: 127681543
Conc: 10.99 ng/ml



#3 gamma-BHC (Lindane)

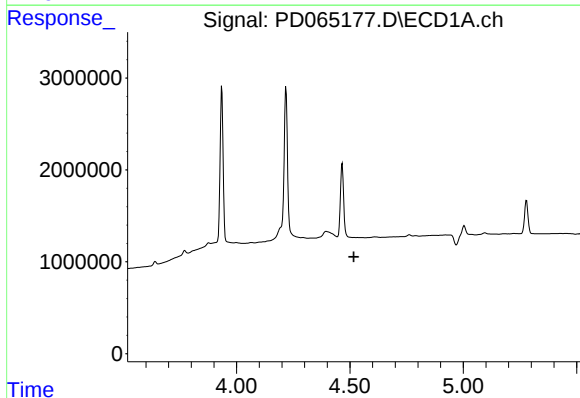
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 15017647
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



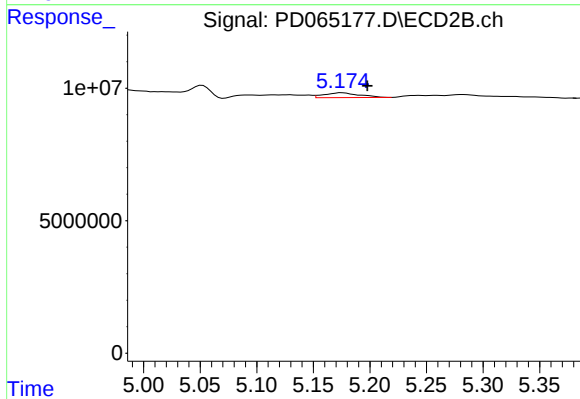
#3 gamma-BHC (Lindane)

R.T.: 4.693 min
Delta R.T.: 0.000 min
Response: 114771578
Conc: 10.83 ng/ml



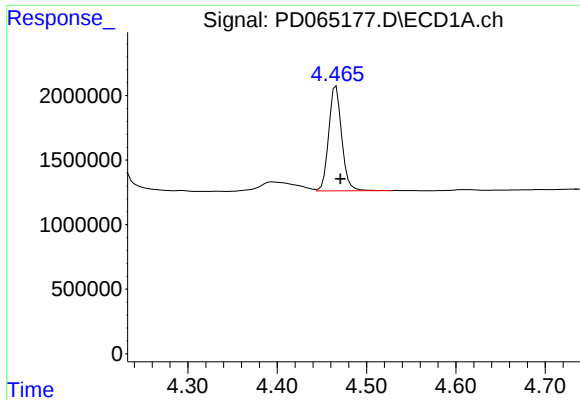
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 4.517 min
Response: 0
Conc: N.D.



#4 Heptachlor

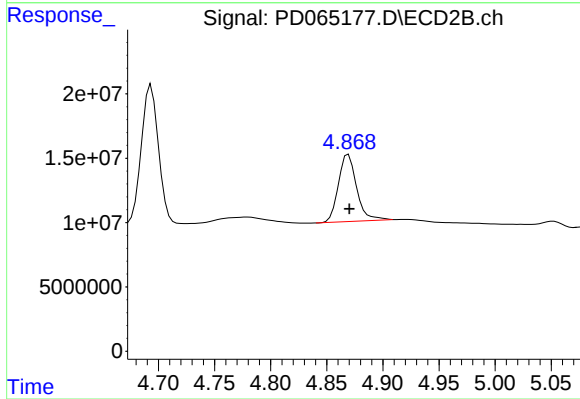
R.T.: 5.175 min
Delta R.T.: -0.023 min
Response: 3953785
Conc: 0.39 ng/ml



#6 beta-BHC

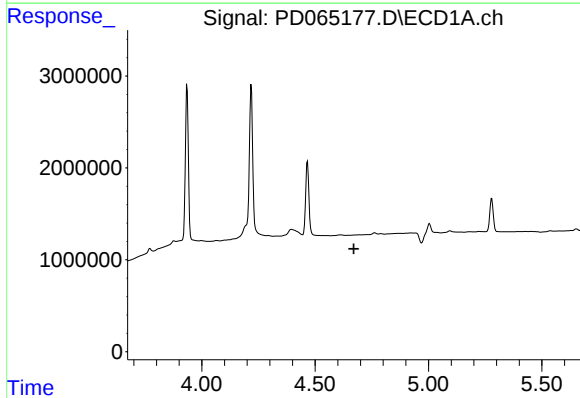
R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 8179148
Conc: 4.17 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



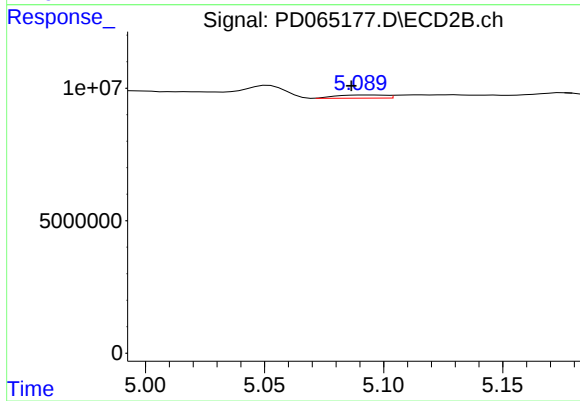
#6 beta-BHC

R.T.: 4.869 min
Delta R.T.: 0.000 min
Response: 59327117
Conc: 10.23 ng/ml



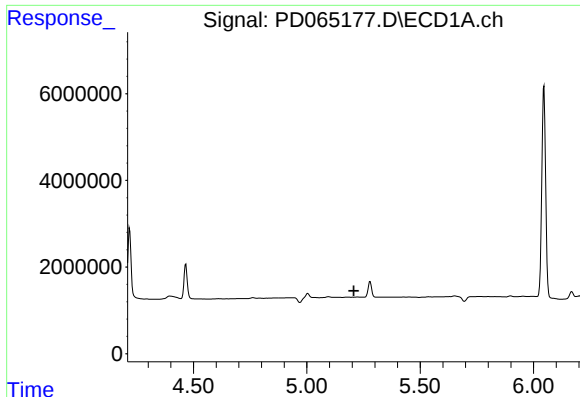
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.670 min
Response: 0
Conc: N.D.



#7 delta-BHC

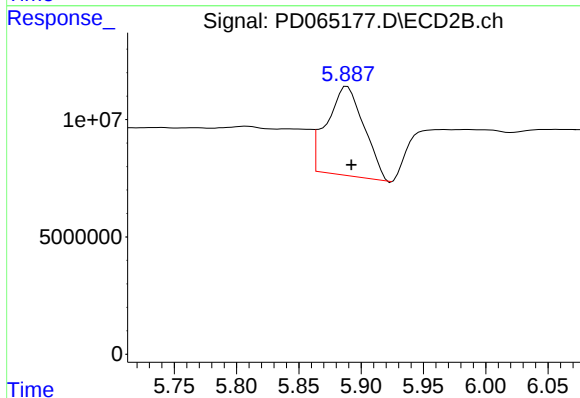
R.T.: 5.091 min
Delta R.T.: 0.005 min
Response: 1729293
Conc: 0.18 ng/ml



#8 Heptachlor epoxide

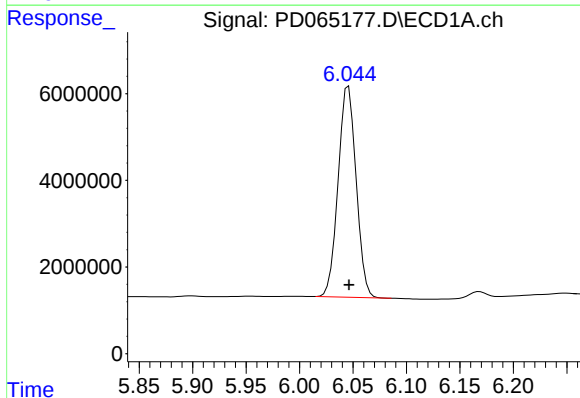
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



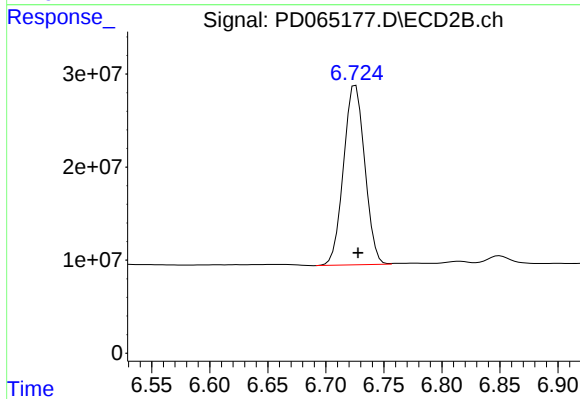
#8 Heptachlor epoxide

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 78367316
Conc: 10.50 ng/ml



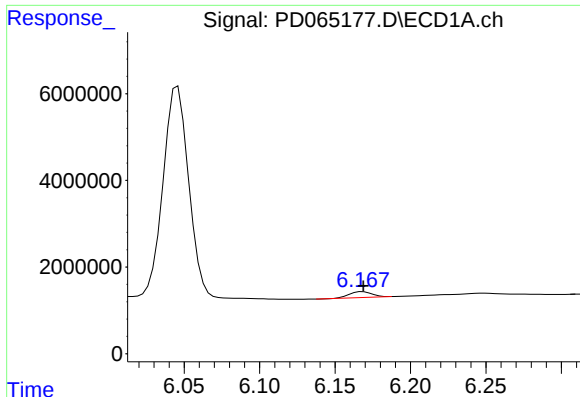
#14 Endrin

R.T.: 6.046 min
Delta R.T.: 0.000 min
Response: 57111435
Conc: 54.42 ng/ml



#14 Endrin

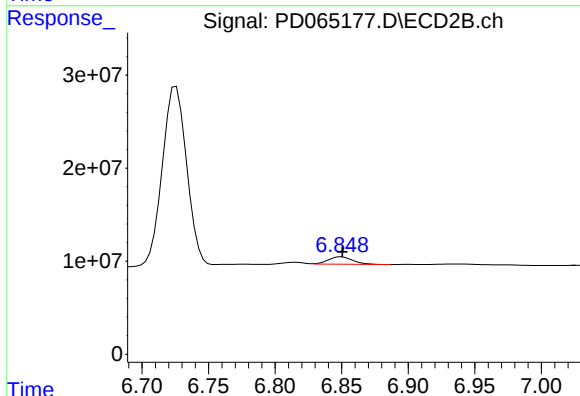
R.T.: 6.726 min
Delta R.T.: -0.002 min
Response: 245479912
Conc: 39.88 ng/ml



#16 4,4'-DDD

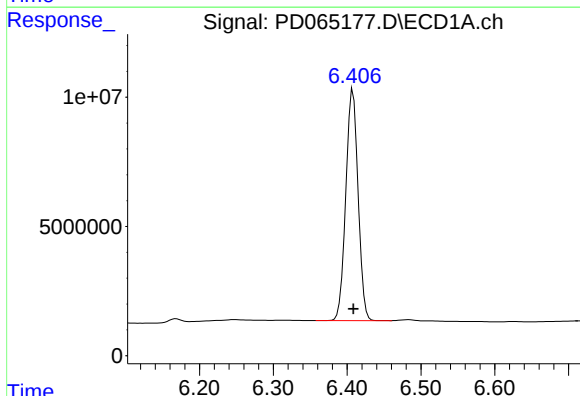
R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 1402283
Conc: 1.48 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



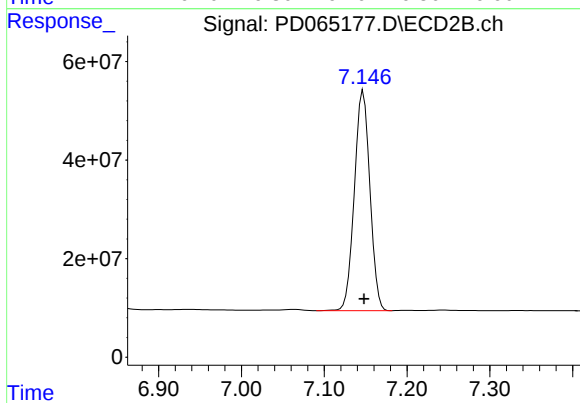
#16 4,4'-DDD

R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 10199927
Conc: 1.73 ng/ml



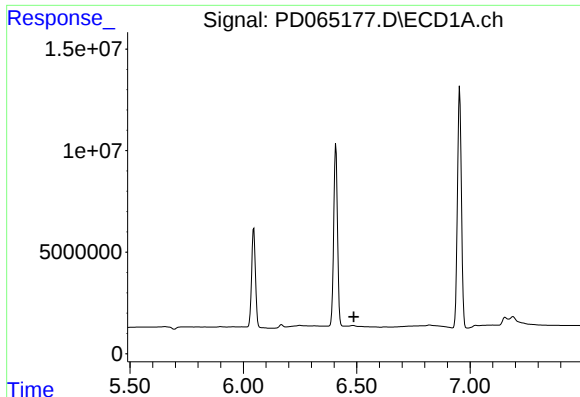
#17 4,4'-DDT

R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 103264595
Conc: 103.84 ng/ml



#17 4,4'-DDT

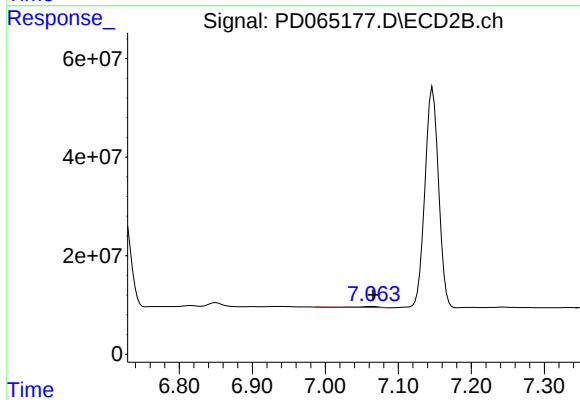
R.T.: 7.147 min
Delta R.T.: 0.000 min
Response: 582939381
Conc: 97.21 ng/ml



#18 Endrin aldehyde

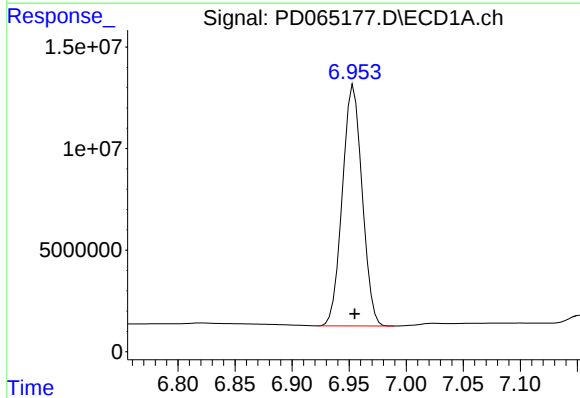
R.T.: 0.000 min
Exp R.T.: 6.487 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



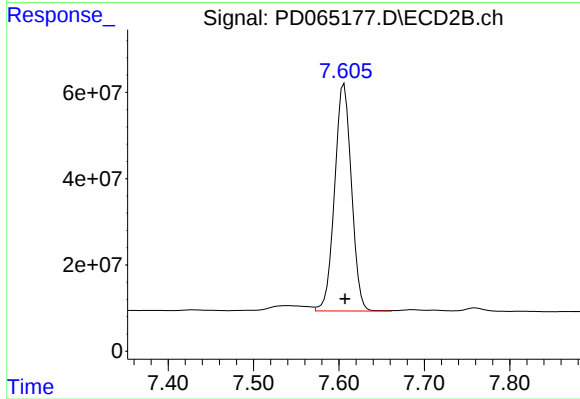
#18 Endrin aldehyde

R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 4024286
Conc: 0.86 ng/ml



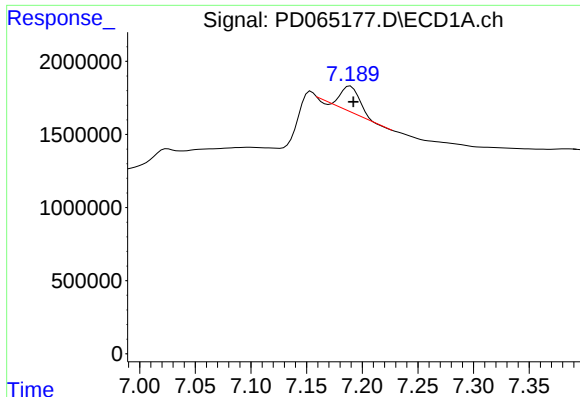
#20 Methoxychlor

R.T.: 6.954 min
Delta R.T.: 0.000 min
Response: 143231134
Conc: 243.00 ng/ml



#20 Methoxychlor

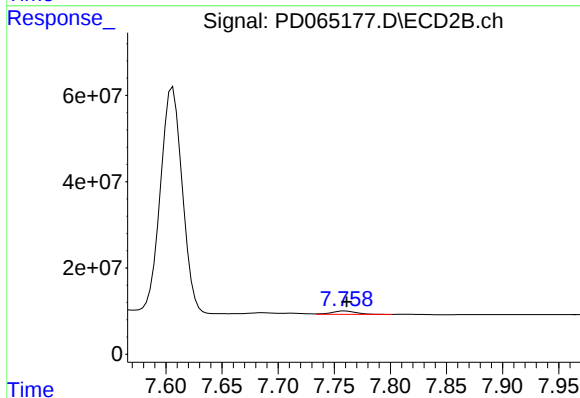
R.T.: 7.606 min
Delta R.T.: -0.001 min
Response: 722434208
Conc: 238.73 ng/ml



#21 Endrin ketone

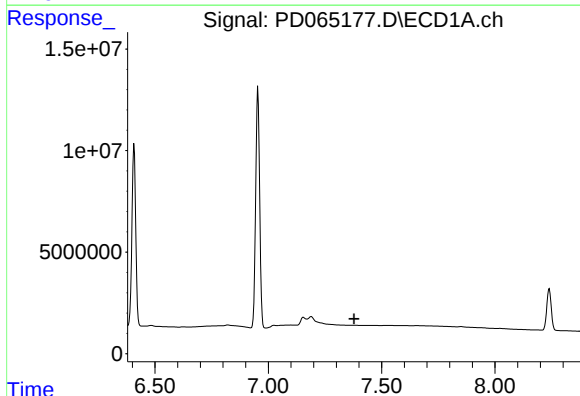
R.T.: 7.189 min
Delta R.T.: -0.003 min
Response: 1743512
Conc: 1.37 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



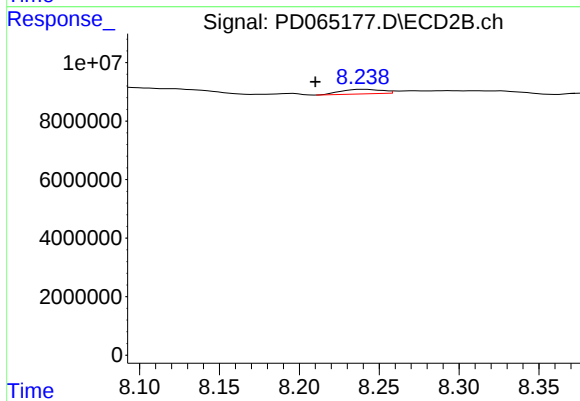
#21 Endrin ketone

R.T.: 7.760 min
Delta R.T.: -0.001 min
Response: 11324261
Conc: 1.74 ng/ml



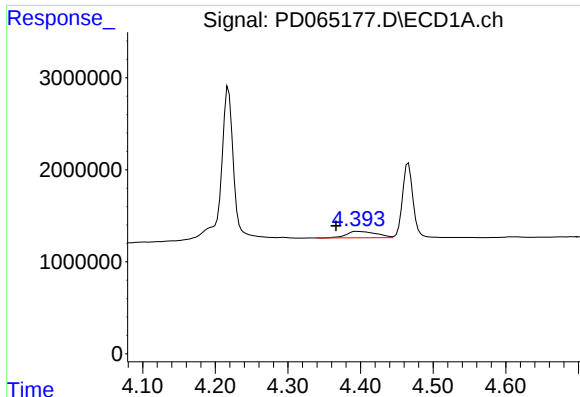
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.378 min
Response: 0
Conc: N.D.



#22 Mirex

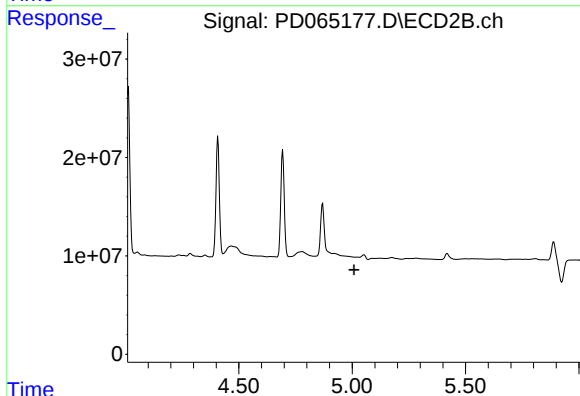
R.T.: 8.240 min
Delta R.T.: 0.030 min
Response: 2891251
Conc: 0.65 ng/ml



#23 Chlordane-1

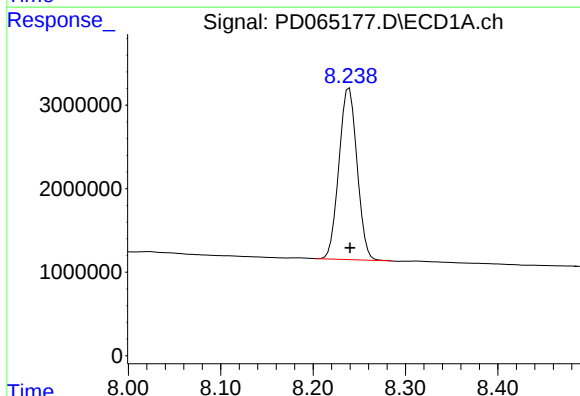
R.T.: 4.395 min
Delta R.T.: 0.029 min
Response: 2036554
Conc: 53.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



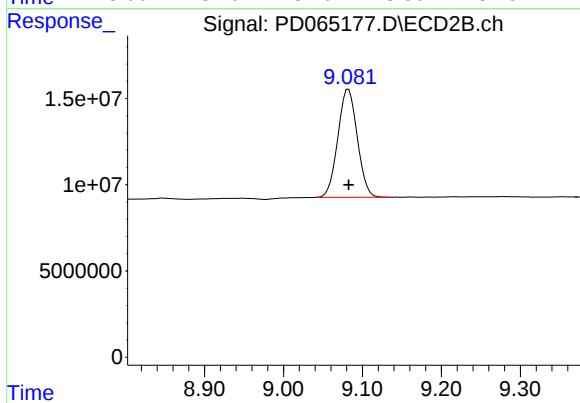
#23 Chlordane-1

R.T.: 0.000 min
Exp R.T. : 5.009 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 8.239 min
Delta R.T.: 0.000 min
Response: 28012076
Conc: 24.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.082 min
Delta R.T.: 0.000 min
Response: 107283750
Conc: 22.67 ng/ml