

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD082121\
 Data File : PD065151.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Aug 2021 02:03
 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 21 03:54:14 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	4.012	21808112	170.2E6	21.216	21.484
28)	SA Decachlor...	8.240	9.083	26309015	104.2E6	23.220	22.017
Target Compounds							
2)	A alpha-BHC	3.935	4.407	15313892	128.8E6	10.700	11.084
3)	MA gamma-BHC...	4.218	4.694	15019107	116.4E6	10.947	10.984
4)	MA Heptachlor	0.000	5.175f	0	7863142	N.D.	0.784 #
6)	B beta-BHC	4.466	4.870	8105378	60089634	4.033	10.409 #
7)	B delta-BHC	0.000	5.095	0	3264288	N.D.	0.336 #
8)	B Heptachlo...	0.000	5.889	0	75351306	N.D.	10.100 #
9)	A Endosulfan I	0.000	6.253	0	12388529	N.D.	1.759 #
11)	B alpha-Chl...	0.000	6.181f	0	42297546	N.D.	5.682 #
12)	B 4,4'-DDE	0.000	6.362	0	2705427	N.D.	0.377 #
14)	MA Endrin	6.047	6.727	55661363	253.4E6	53.041	41.174
16)	A 4,4'-DDD	6.169	6.850	965708	7813523	1.021	1.329 #
17)	MA 4,4'-DDT	6.408	7.148	100.6E6	582.0E6	101.188	97.052
18)	B Endrin al...	0.000	7.064	0	3339588	N.D.	0.716 #
20)	A Methoxychlor	6.955	7.606	139.7E6	697.1E6	237.065	230.353
21)	B Endrin ke...	7.191	7.760	1502776	8327856	1.179	1.281
23)	Chlordane-1	4.394f	0.000	2091016	0	55.213	N.D. #
26)	Chlordane-4	0.000	6.217f	0	19749060	N.D.	16.426 #

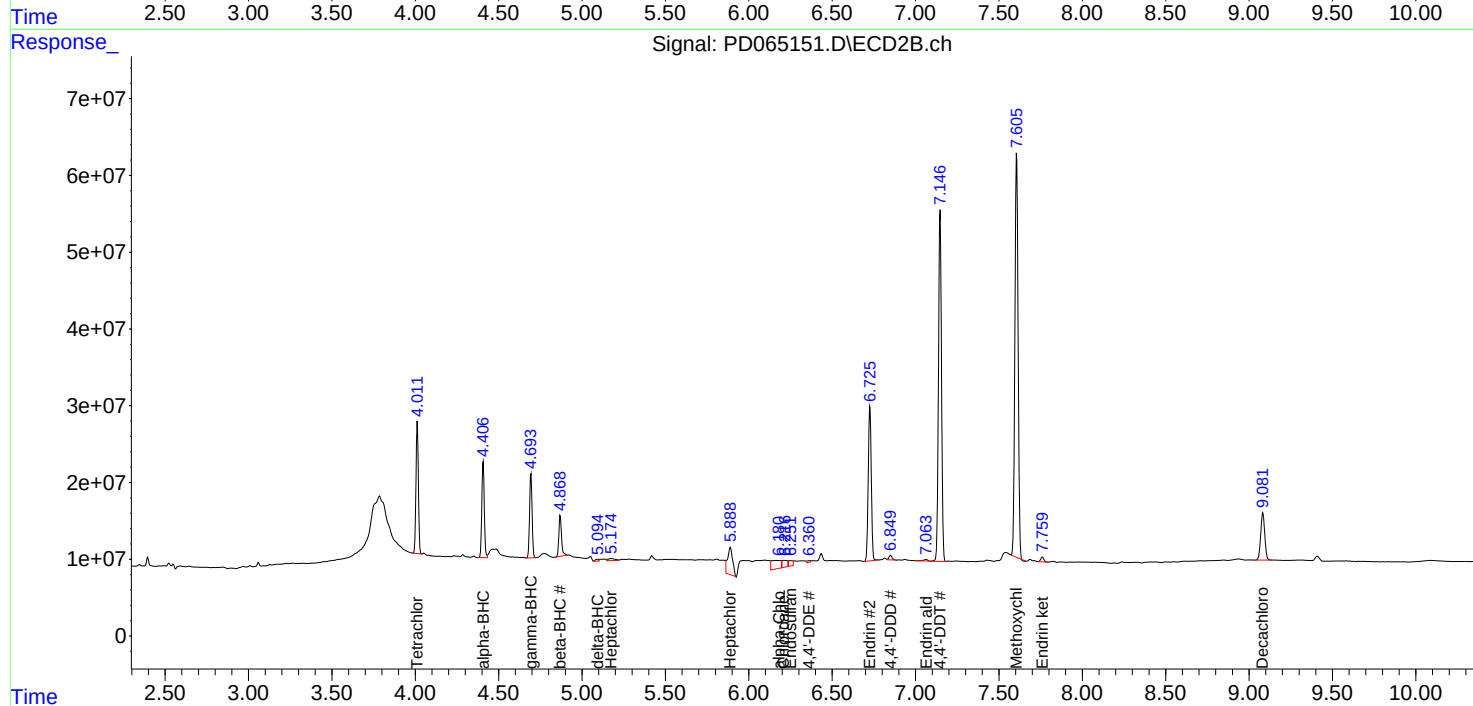
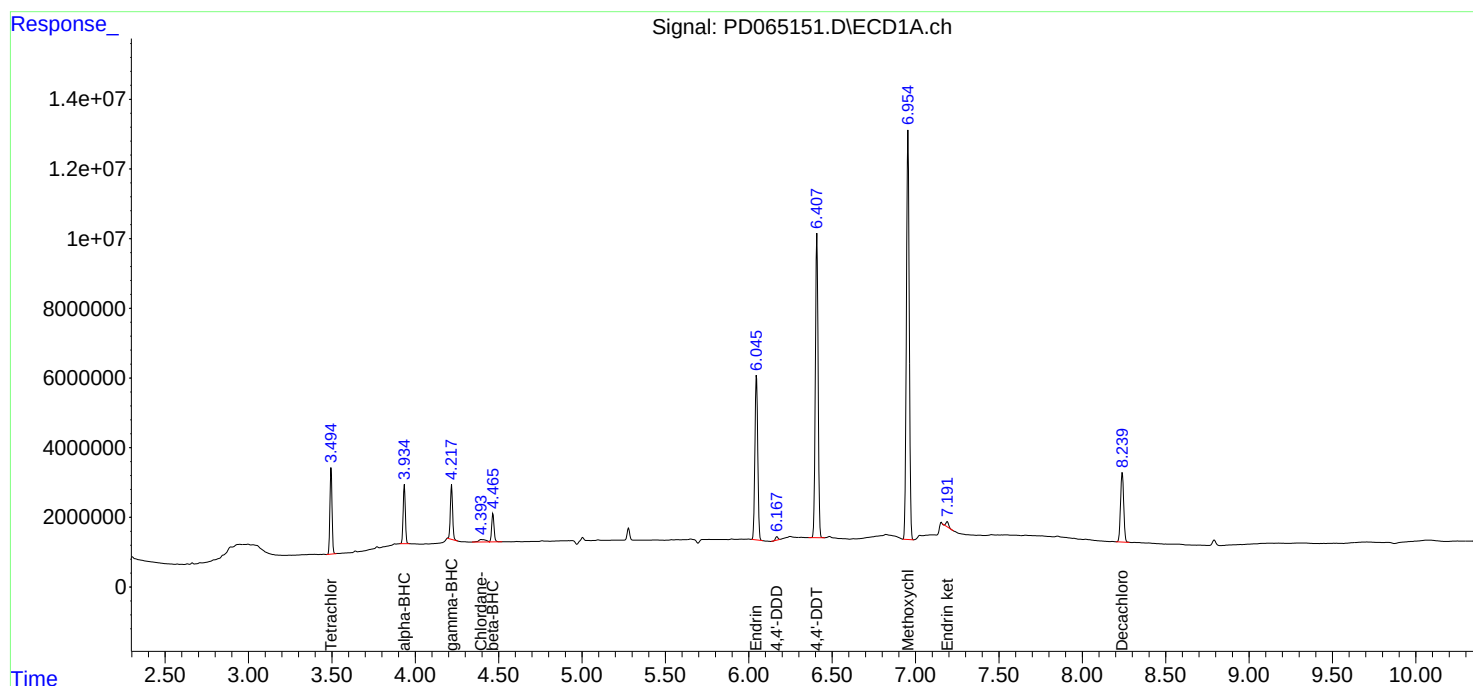
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

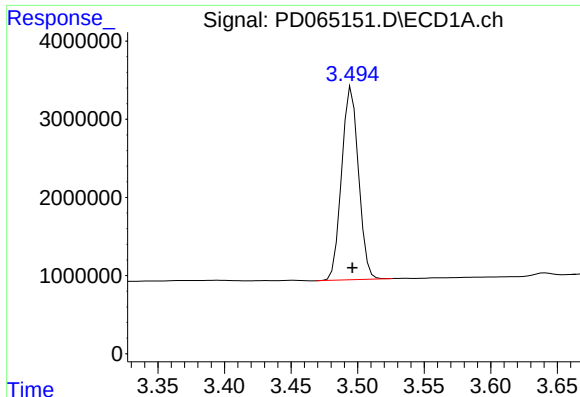
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Integration File signal 1: autoint1.e
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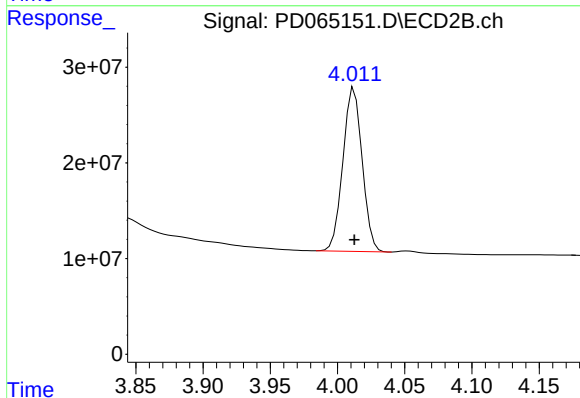




#1 Tetrachloro-m-xylene

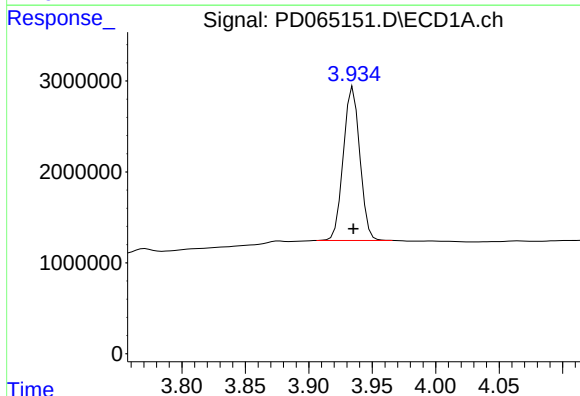
R.T.: 3.496 min
Delta R.T.: 0.000 min
Response: 21808112
Conc: 21.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



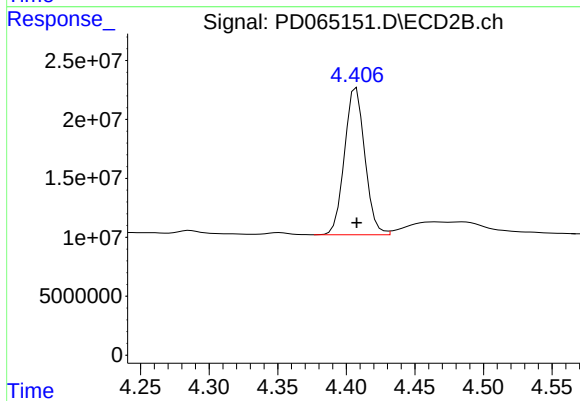
#1 Tetrachloro-m-xylene

R.T.: 4.012 min
Delta R.T.: 0.000 min
Response: 170168769
Conc: 21.48 ng/ml



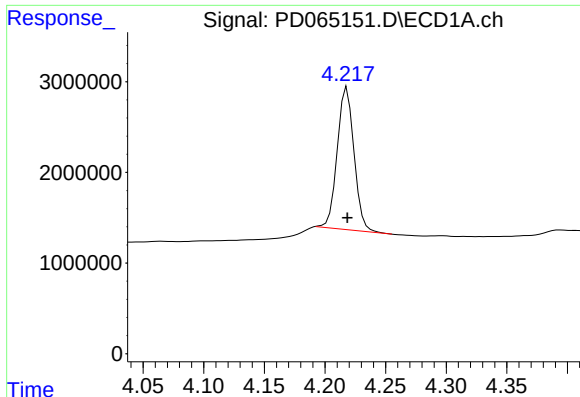
#2 alpha-BHC

R.T.: 3.935 min
Delta R.T.: 0.000 min
Response: 15313892
Conc: 10.70 ng/ml



#2 alpha-BHC

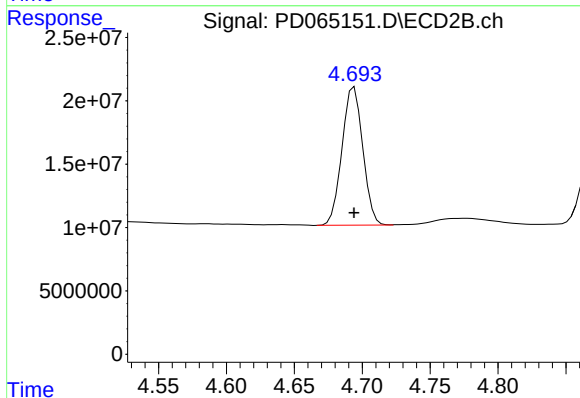
R.T.: 4.407 min
Delta R.T.: 0.000 min
Response: 128766938
Conc: 11.08 ng/ml



#3 gamma-BHC (Lindane)

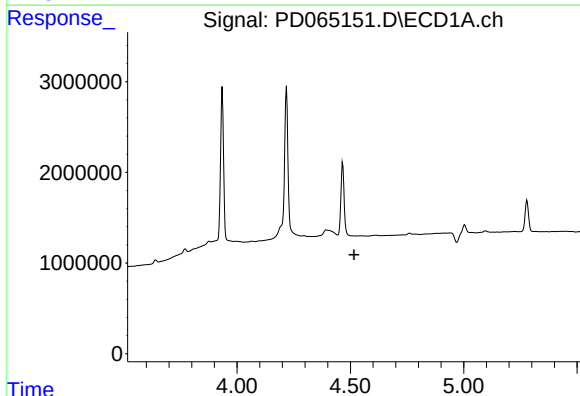
R.T.: 4.218 min
Delta R.T.: 0.000 min
Response: 15019107
Conc: 10.95 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



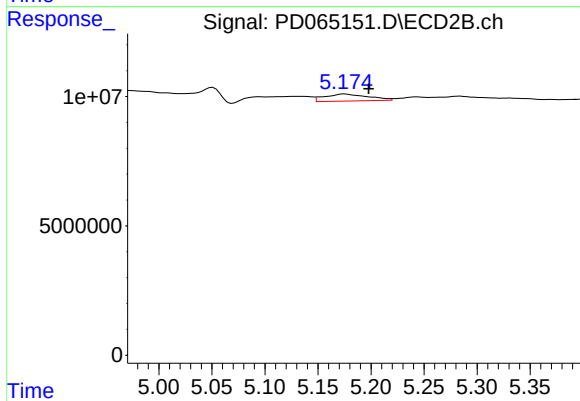
#3 gamma-BHC (Lindane)

R.T.: 4.694 min
Delta R.T.: 0.000 min
Response: 116362167
Conc: 10.98 ng/ml



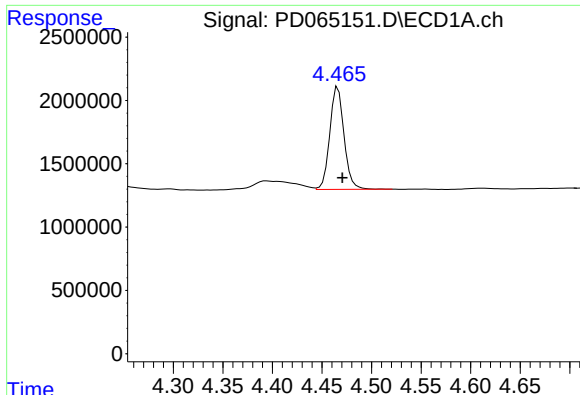
#4 Heptachlor

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



#4 Heptachlor

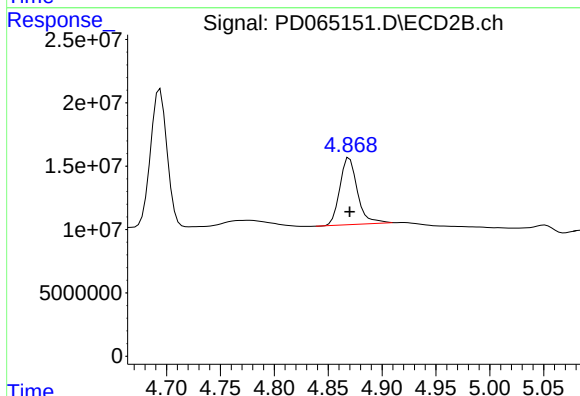
R.T.: 5.175 min
Delta R.T.: -0.022 min
Response: 7863142
Conc: 0.78 ng/ml



#6 beta-BHC

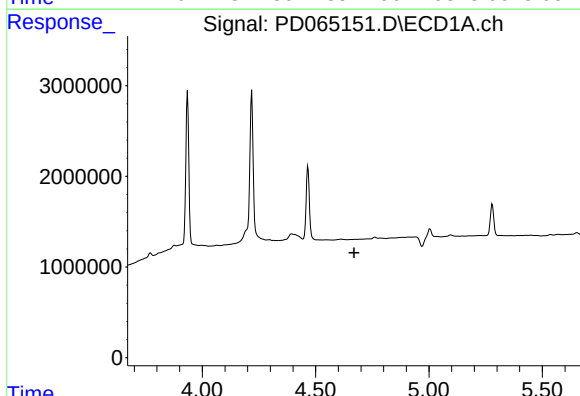
R.T.: 4.466 min
Delta R.T.: -0.005 min
Response: 8105378
Conc: 4.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



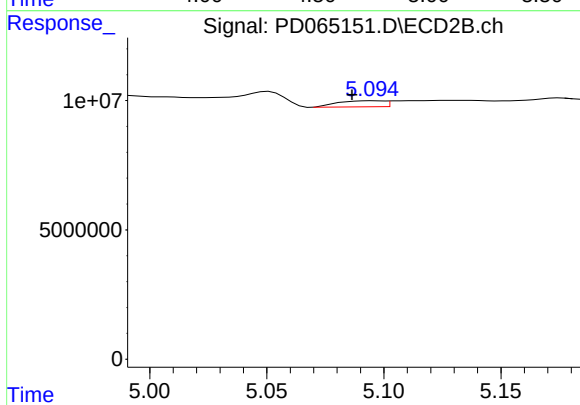
#6 beta-BHC

R.T.: 4.870 min
Delta R.T.: 0.000 min
Response: 60089634
Conc: 10.41 ng/ml



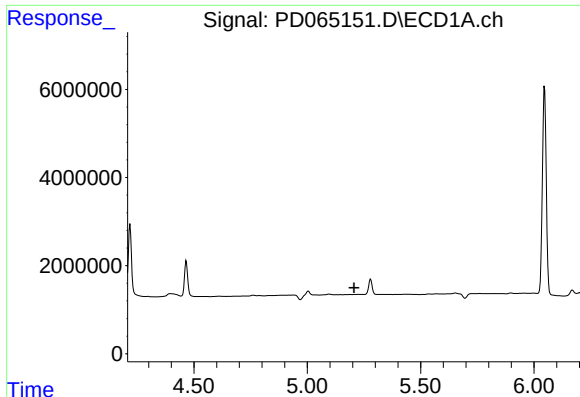
#7 delta-BHC

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



#7 delta-BHC

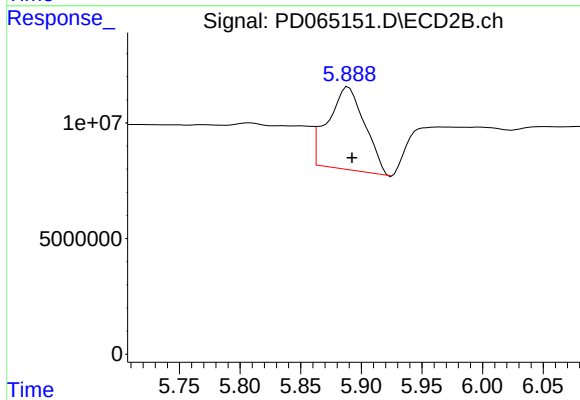
R.T.: 5.095 min
Delta R.T.: 0.009 min
Response: 3264288
Conc: 0.34 ng/ml



#8 Heptachlor epoxide

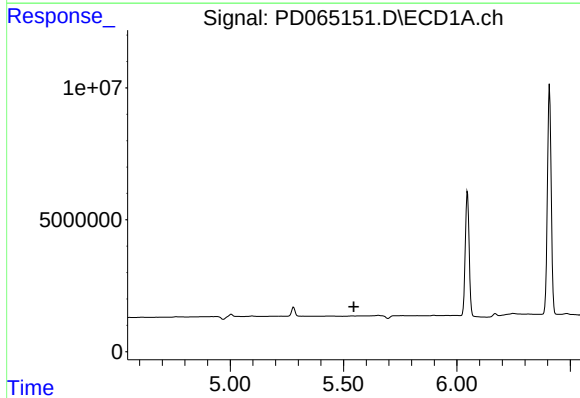
R.T.: 0.000 min
Exp R.T.: 5.207 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



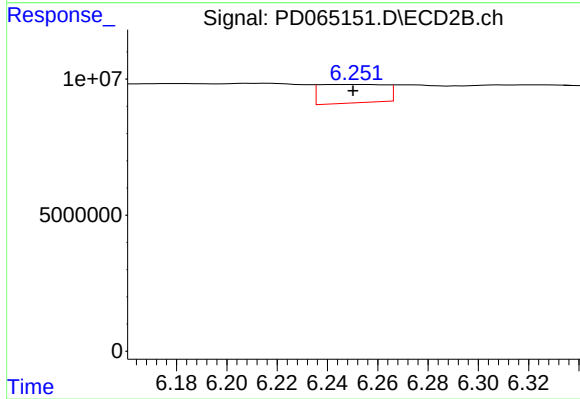
#8 Heptachlor epoxide

R.T.: 5.889 min
Delta R.T.: -0.003 min
Response: 75351306
Conc: 10.10 ng/ml



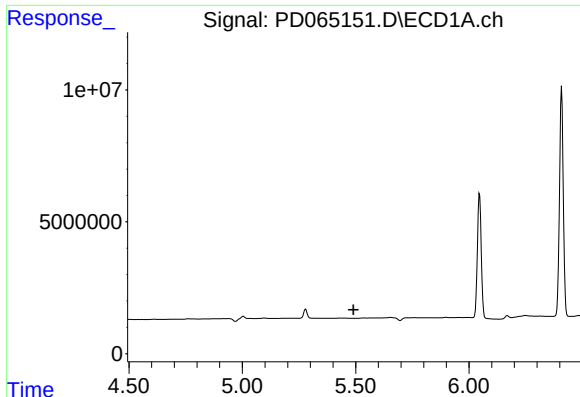
#9 Endosulfan I

R.T.: 0.000 min
Exp R.T.: 5.546 min
Response: 0
Conc: N.D.



#9 Endosulfan I

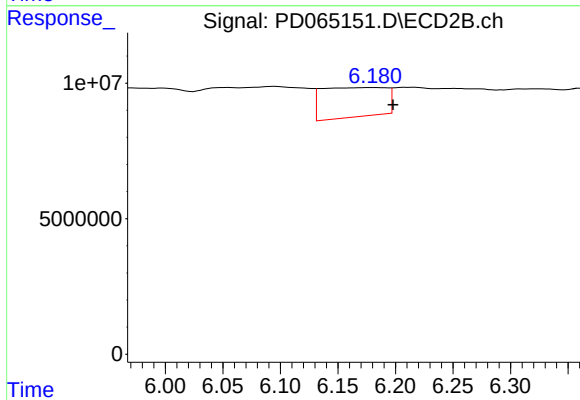
R.T.: 6.253 min
Delta R.T.: 0.003 min
Response: 12388529
Conc: 1.76 ng/ml



#11 alpha-Chlordane

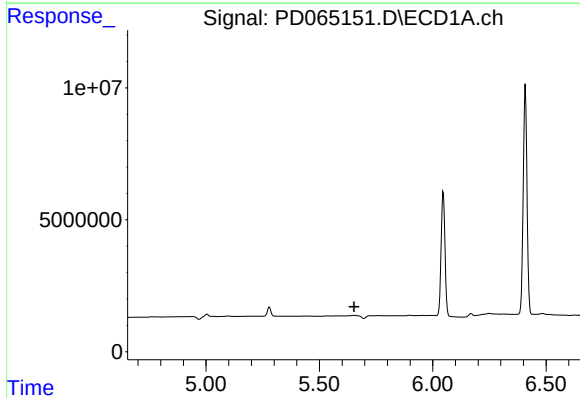
R.T.: 0.000 min
Exp R.T.: 5.491 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



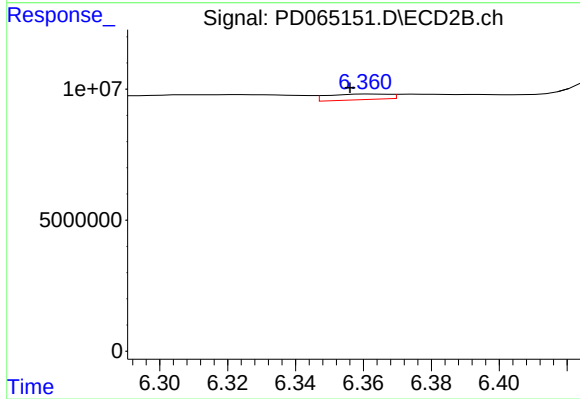
#11 alpha-Chlordane

R.T.: 6.181 min
Delta R.T.: -0.017 min
Response: 42297546
Conc: 5.68 ng/ml



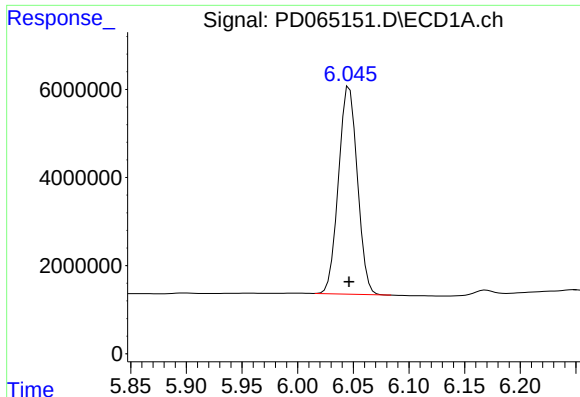
#12 4,4'-DDE

R.T.: 0.000 min
Exp R.T.: 5.653 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

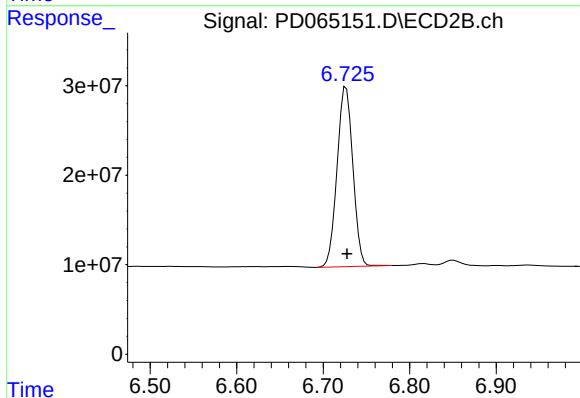
R.T.: 6.362 min
Delta R.T.: 0.005 min
Response: 2705427
Conc: 0.38 ng/ml



#14 Endrin

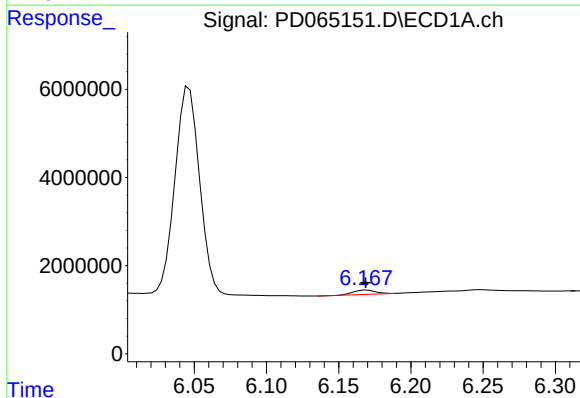
R.T.: 6.047 min
Delta R.T.: 0.000 min
Response: 55661363
Conc: 53.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



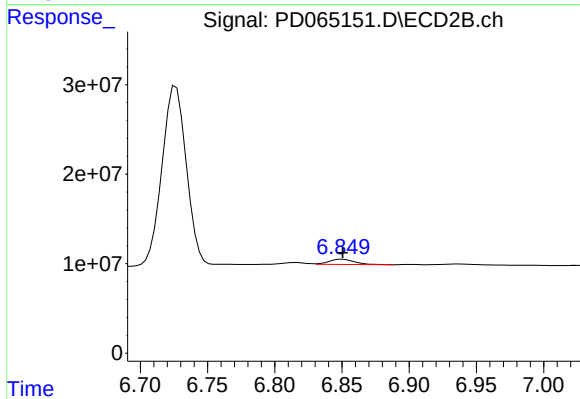
#14 Endrin

R.T.: 6.727 min
Delta R.T.: -0.001 min
Response: 253419377
Conc: 41.17 ng/ml



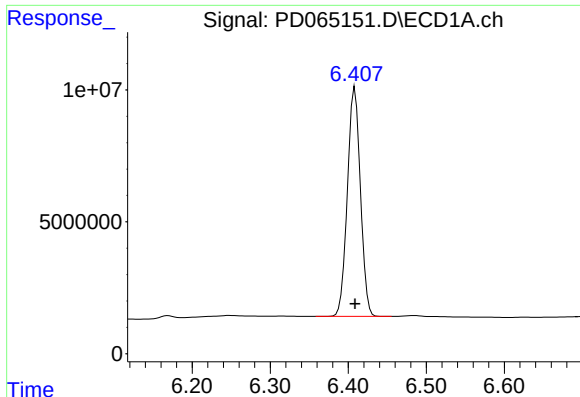
#16 4,4'-DDD

R.T.: 6.169 min
Delta R.T.: 0.000 min
Response: 965708
Conc: 1.02 ng/ml



#16 4,4'-DDD

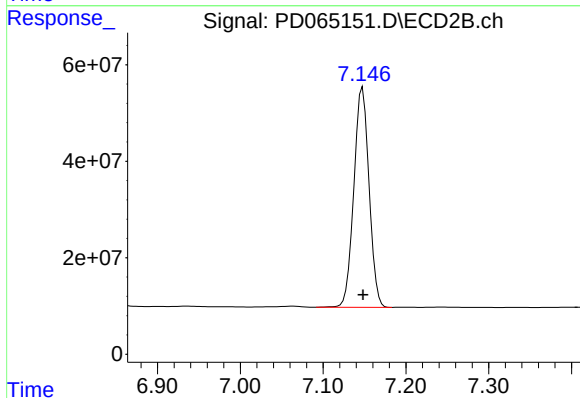
R.T.: 6.850 min
Delta R.T.: 0.000 min
Response: 7813523
Conc: 1.33 ng/ml



#17 4,4'-DDT

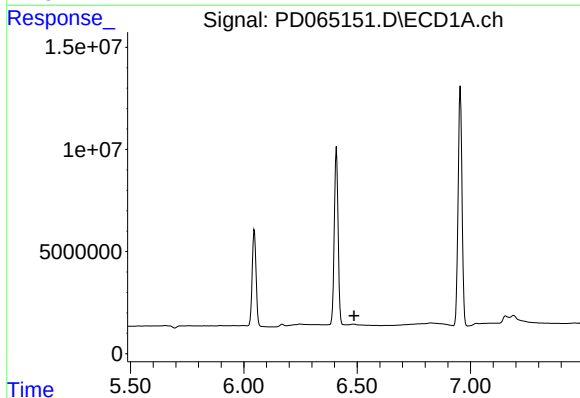
R.T.: 6.408 min
Delta R.T.: 0.000 min
Response: 100631266
Conc: 101.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



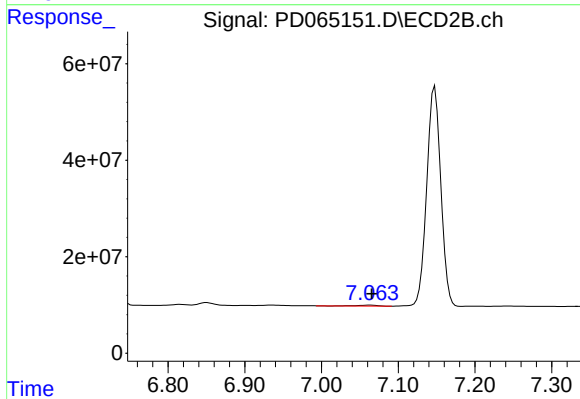
#17 4,4'-DDT

R.T.: 7.148 min
Delta R.T.: 0.000 min
Response: 582014754
Conc: 97.05 ng/ml



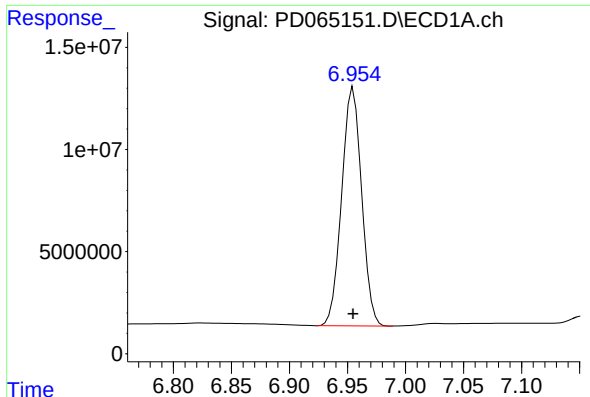
#18 Endrin aldehyde

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



#18 Endrin aldehyde

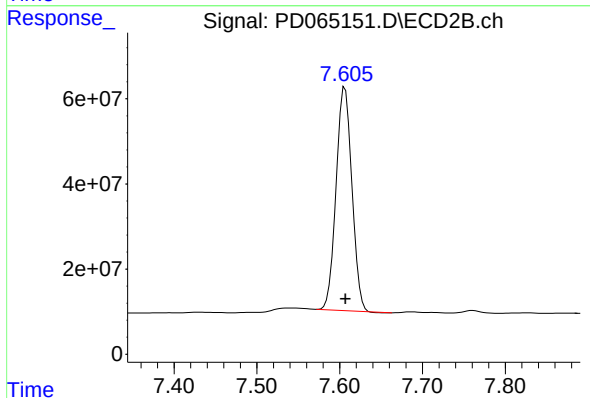
R.T.: 7.064 min
Delta R.T.: -0.001 min
Response: 3339588
Conc: 0.72 ng/ml



#20 Methoxychlor

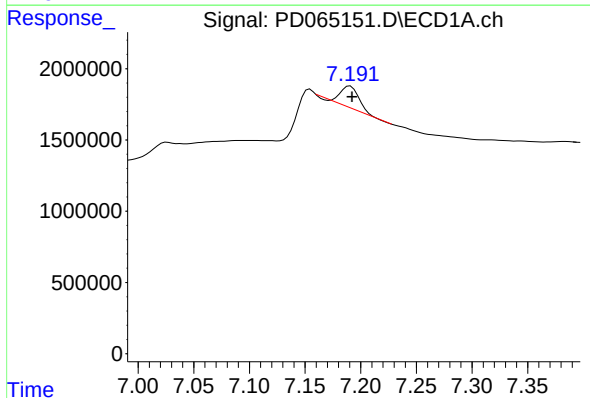
R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 139731595
Conc: 237.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



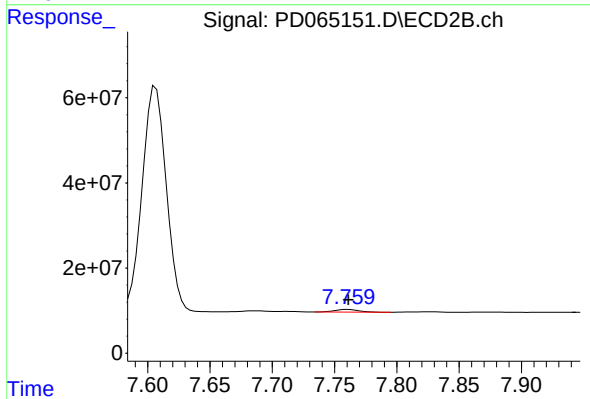
#20 Methoxychlor

R.T.: 7.606 min
Delta R.T.: 0.000 min
Response: 697074435
Conc: 230.35 ng/ml



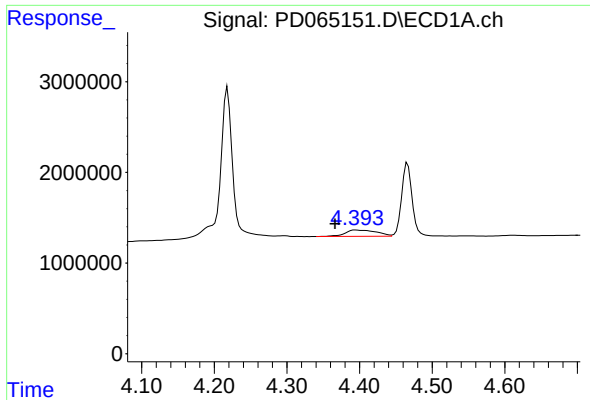
#21 Endrin ketone

R.T.: 7.191 min
Delta R.T.: -0.002 min
Response: 1502776
Conc: 1.18 ng/ml



#21 Endrin ketone

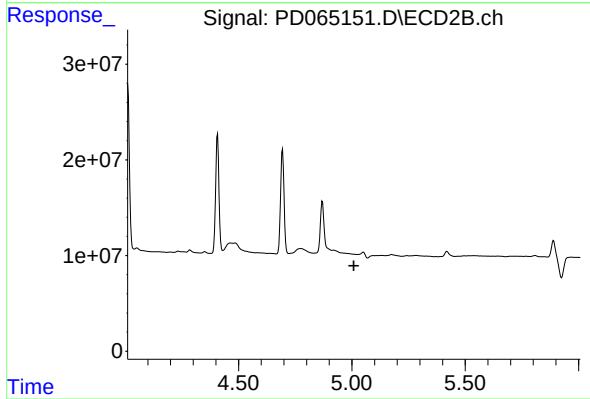
R.T.: 7.760 min
Delta R.T.: 0.000 min
Response: 8327856
Conc: 1.28 ng/ml



#23 Chlordane-1

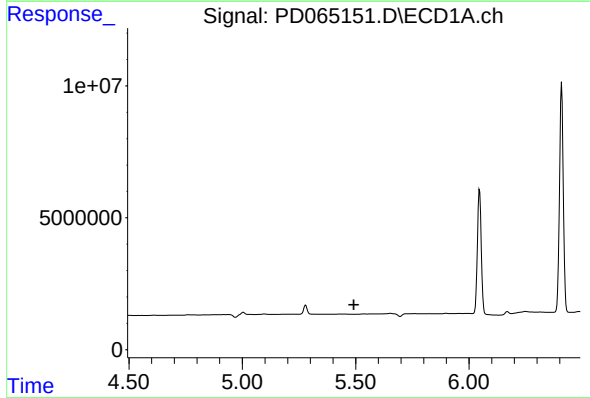
R.T.: 4.394 min
Delta R.T.: 0.028 min
Response: 2091016
Conc: 55.21 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



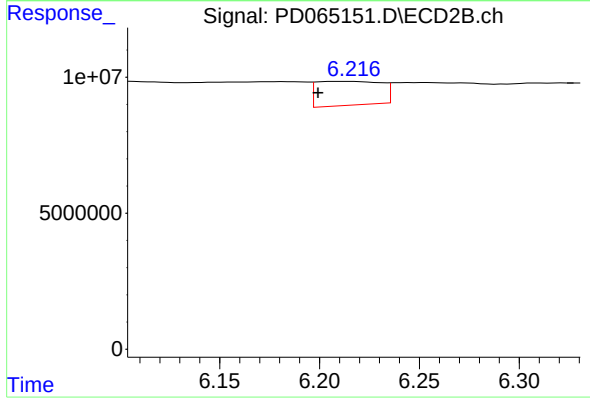
#23 Chlordane-1

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



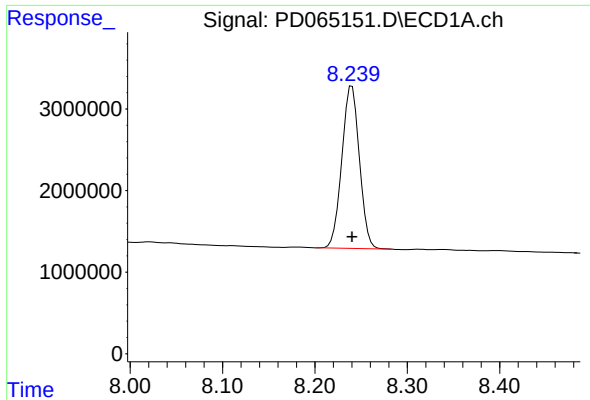
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.491 min
Response: 0
Conc: N.D.



#26 Chlordane-4

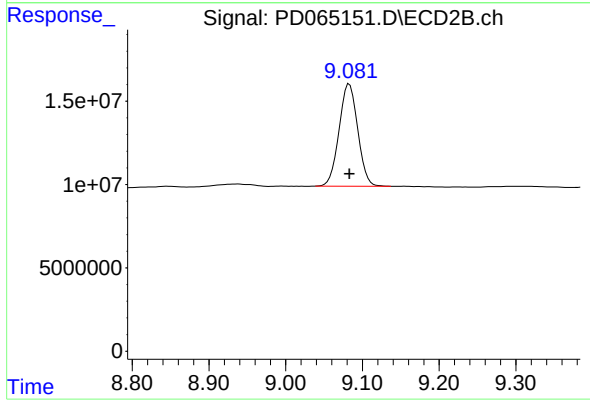
R.T.: 6.217 min
Delta R.T.: 0.017 min
Response: 19749060
Conc: 16.43 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.240 min
Delta R.T.: 0.000 min
Response: 26309015
Conc: 23.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



#28 Decachlorobiphenyl

R.T.: 9.083 min
Delta R.T.: 0.000 min
Response: 104195071
Conc: 22.02 ng/ml