

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD061523\
 Data File : PD075792.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jun 2023 15:14
 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: Jun 16 03:51:03 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 03:47:52 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 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...	3.546	2.768	42863429	22342728	20.122	20.594
28)	SA Decachlor...	9.089	7.914	51731022	20069700	20.420	20.525
Target Compounds							
2)	A alpha-BHC	4.003	3.270	34714709	15541515	9.402	9.715
3)	MA gamma-BHC...	4.336	3.600	32573853	14383206	9.680	9.762
6)	B beta-BHC	4.532	3.897	14934807	7104845	10.388	11.146
8)	B Heptachlo...	5.691	0.000	1083355	0	0.336	N.D. #
9)	A Endosulfan I	6.056f	0.000	67106	0	0.022	N.D. #
10)	B gamma-Chl...	5.924f	0.000	523423	0	0.162	N.D. #
11)	B alpha-Chl...	6.056f	0.000	67106	0	0.021	N.D. #
12)	B 4,4'-DDE	6.210	5.231	408852	439756	0.143	0.394 #
13)	MA Dieldrin	6.384f	0.000	145451	0	0.047	N.D. #
14)	MA Endrin	6.592	5.634	126.3E6	57977589	48.687	47.640
15)	B Endosulfa...	6.825	0.000	1174822	0	0.455	N.D. #
16)	A 4,4'-DDD	6.729	5.786	980497	563023	0.431	0.639 #
17)	MA 4,4'-DDT	7.040	6.034	244.8E6	93212462	107.868	114.752
18)	B Endrin al...	6.941	6.109	2107227	2410932	1.050	2.786 #
20)	A Methoxychlor	7.516	6.609	337.7E6	120.8E6	260.921	260.942
21)	B Endrin ke...	7.662	6.837	5782403	2915769	2.076	2.400
22)	Mirex	8.168f	0.000	51093	0	0.024	N.D. #
26)	Chlordane-4	6.056f	0.000	67106	0	0.106	N.D. #

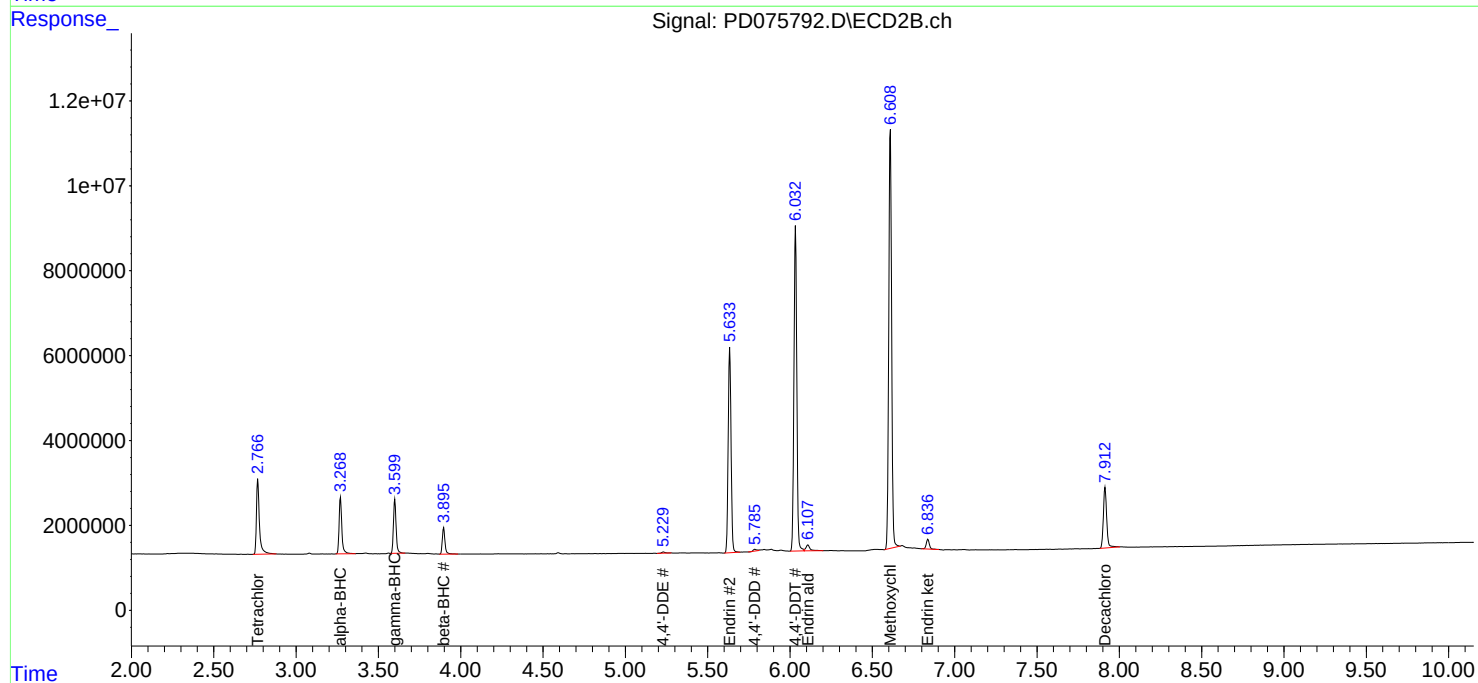
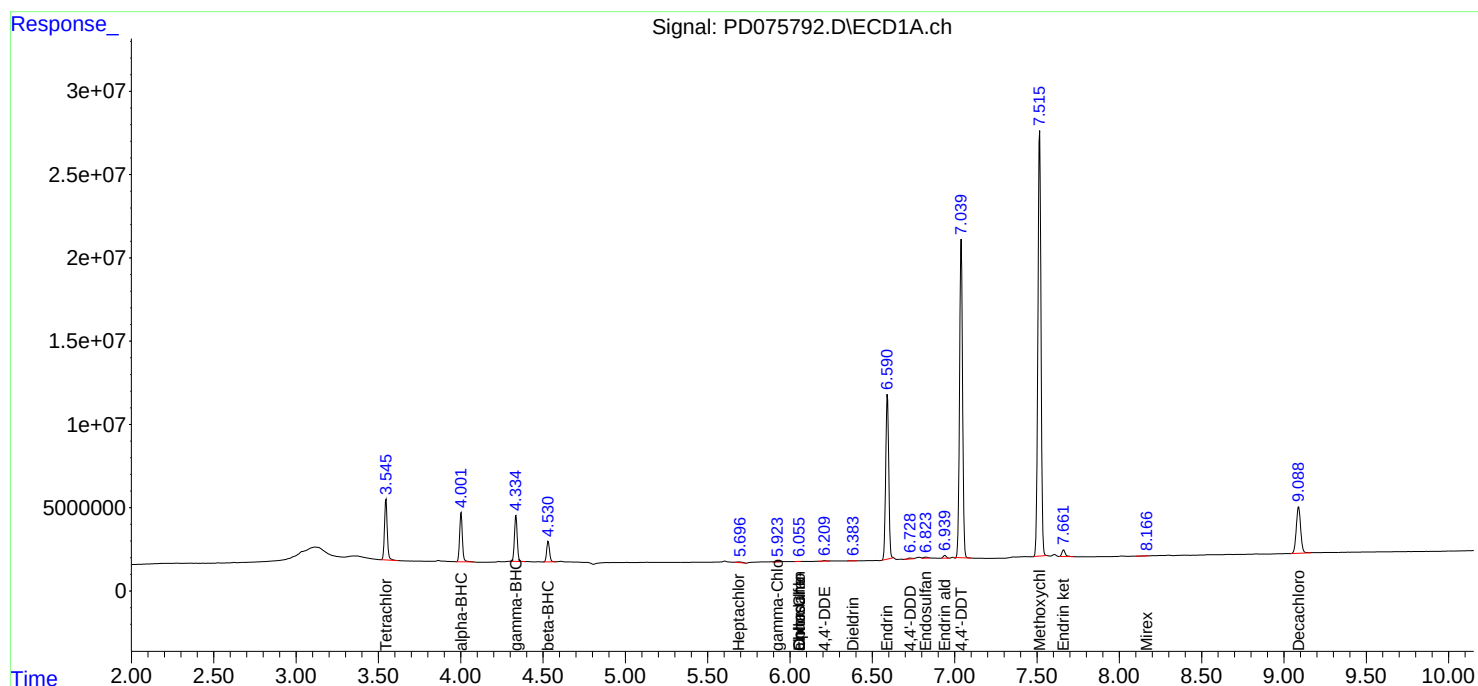
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

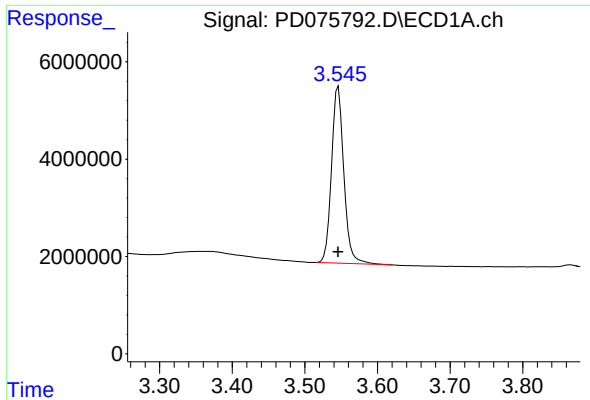
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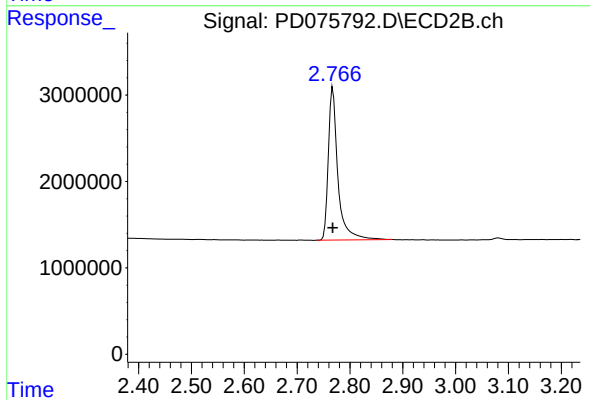




#1 Tetrachloro-m-xylene

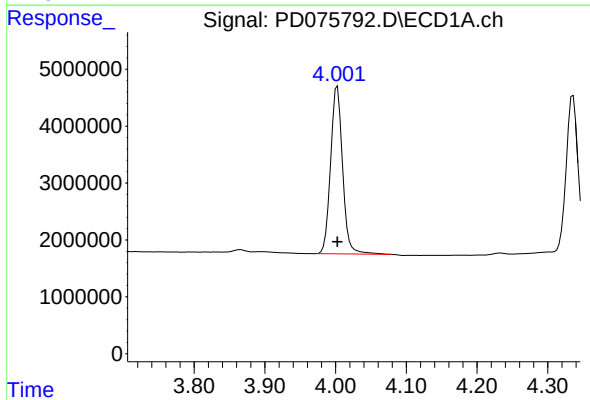
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 42863429
Conc: 20.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



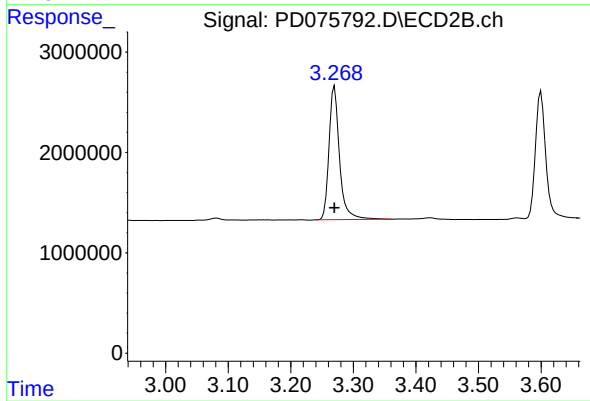
#1 Tetrachloro-m-xylene

R.T.: 2.768 min
Delta R.T.: 0.000 min
Response: 22342728
Conc: 20.59 ng/ml



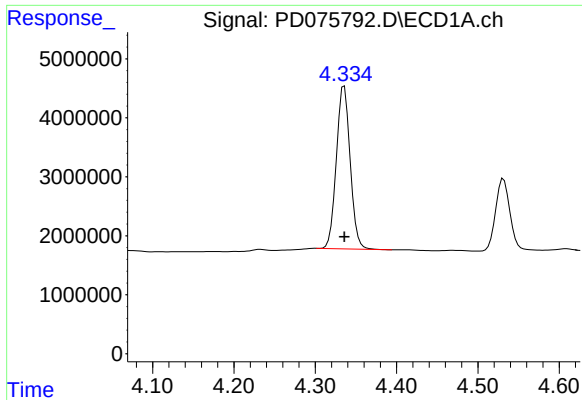
#2 alpha-BHC

R.T.: 4.003 min
Delta R.T.: 0.000 min
Response: 34714709
Conc: 9.40 ng/ml



#2 alpha-BHC

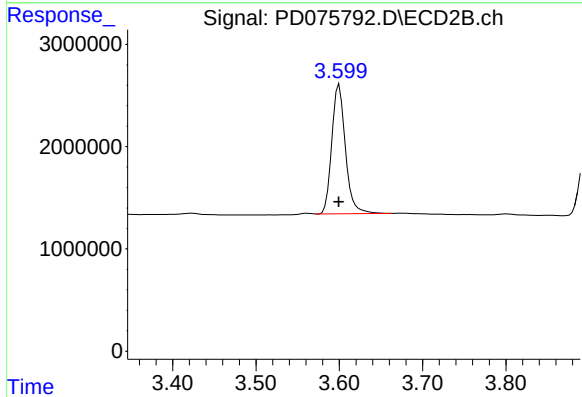
R.T.: 3.270 min
Delta R.T.: 0.000 min
Response: 15541515
Conc: 9.71 ng/ml



#3 gamma-BHC (Lindane)

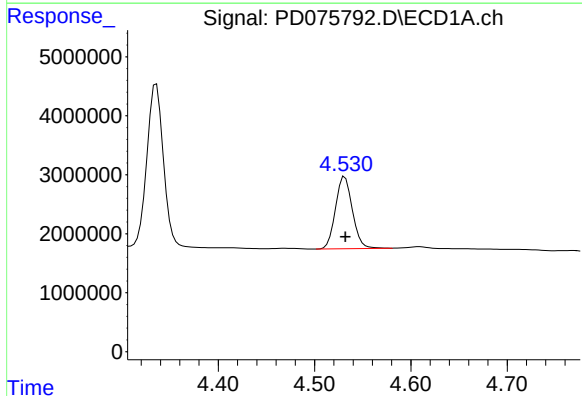
R.T.: 4.336 min
Delta R.T.: 0.000 min
Response: 32573853
Conc: 9.68 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



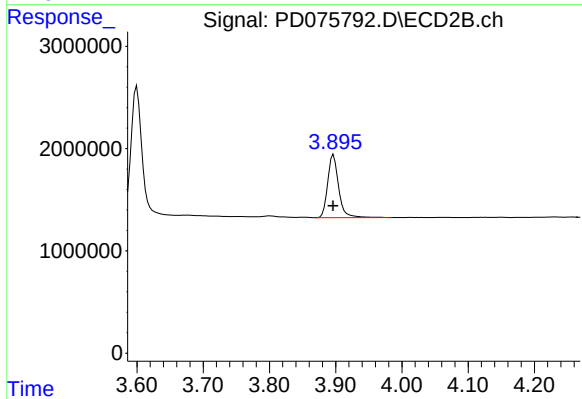
#3 gamma-BHC (Lindane)

R.T.: 3.600 min
Delta R.T.: 0.000 min
Response: 14383206
Conc: 9.76 ng/ml



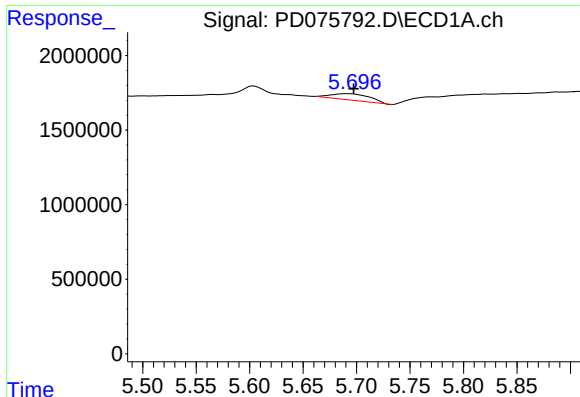
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 14934807
Conc: 10.39 ng/ml



#6 beta-BHC

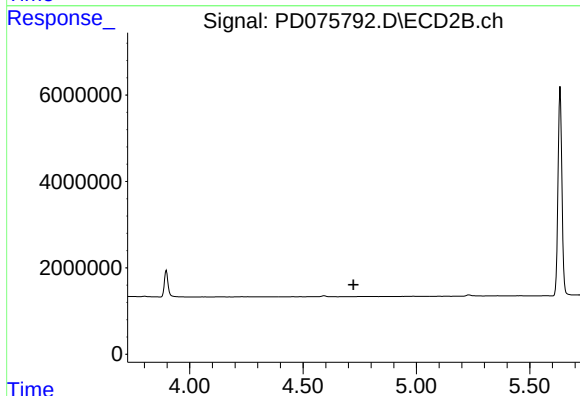
R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 7104845
Conc: 11.15 ng/ml



#8 Heptachlor epoxide

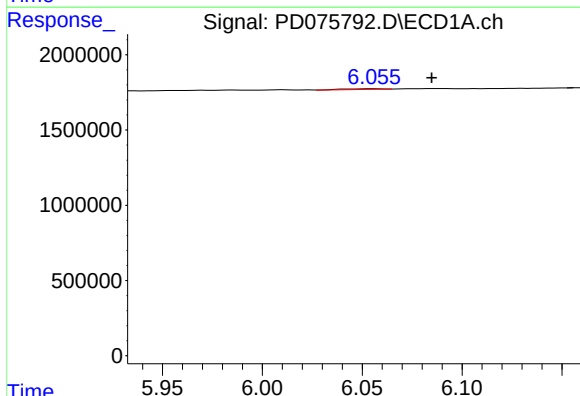
R.T.: 5.691 min
Delta R.T.: -0.006 min
Response: 1083355
Conc: 0.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



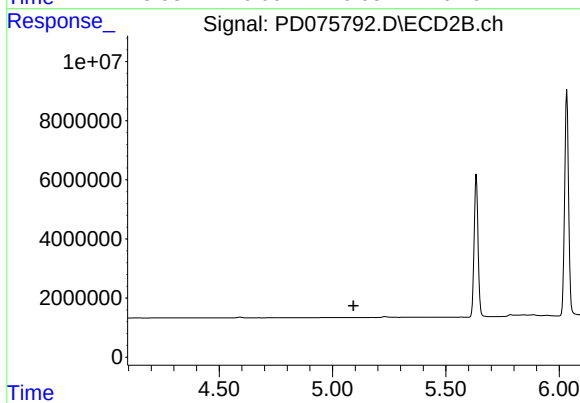
#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



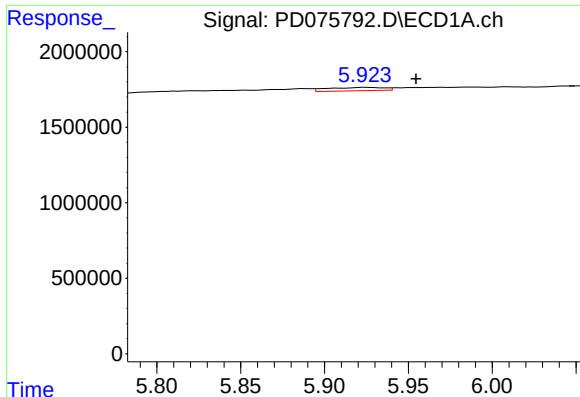
#9 Endosulfan I

R.T.: 6.056 min
Delta R.T.: -0.029 min
Response: 67106
Conc: 0.02 ng/ml



#9 Endosulfan I

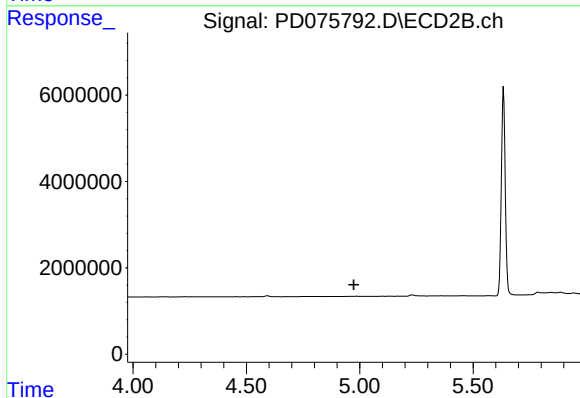
R.T.: 0.000 min
Exp R.T. : 5.093 min
Response: 0
Conc: N.D.



#10 gamma-Chlordane

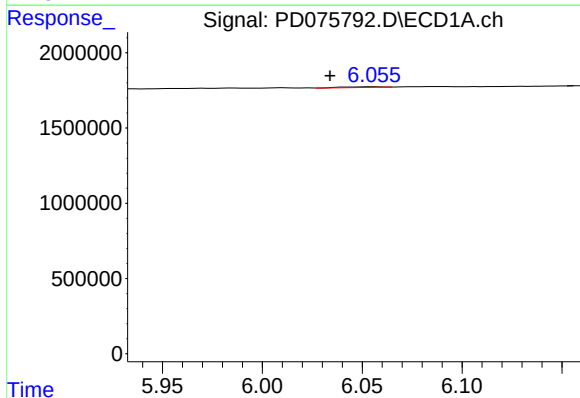
R.T.: 5.924 min
Delta R.T.: -0.030 min
Response: 523423
Conc: 0.16 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



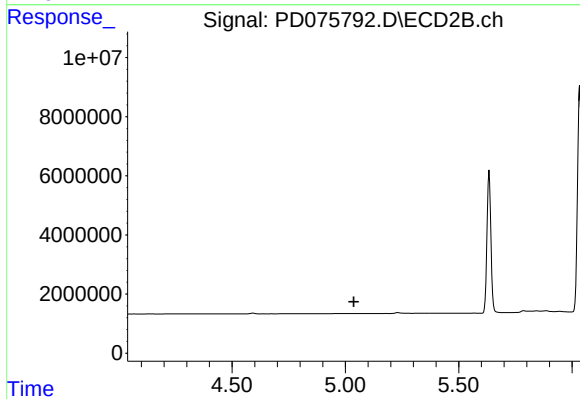
#10 gamma-Chlordane

R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



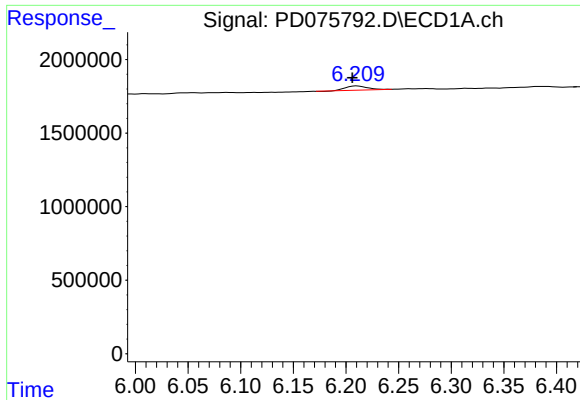
#11 alpha-Chlordane

R.T.: 6.056 min
Delta R.T.: 0.022 min
Response: 67106
Conc: 0.02 ng/ml



#11 alpha-Chlordane

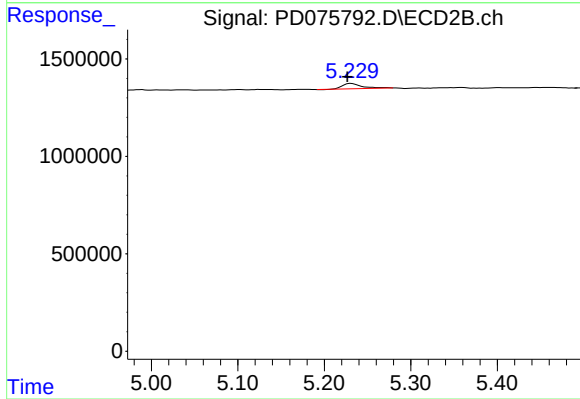
R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#12 4,4'-DDE

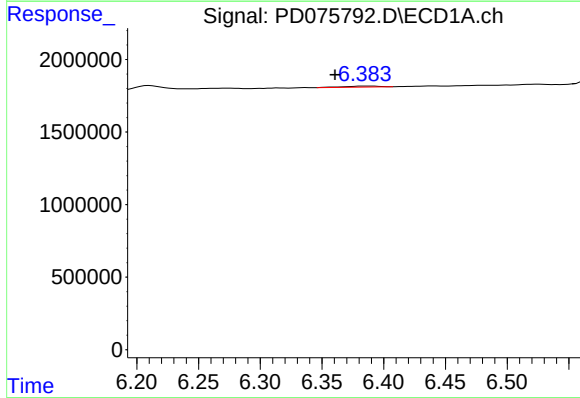
R.T.: 6.210 min
Delta R.T.: 0.004 min
Response: 408852
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



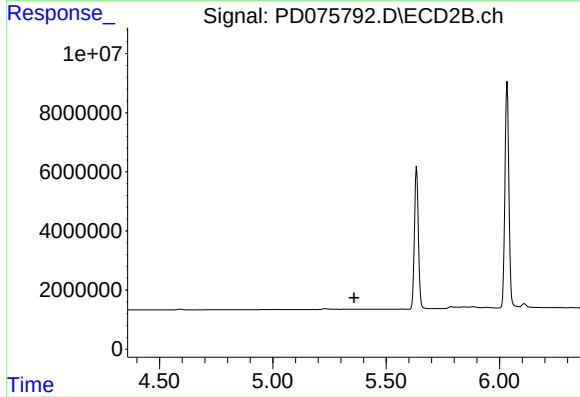
#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.004 min
Response: 439756
Conc: 0.39 ng/ml



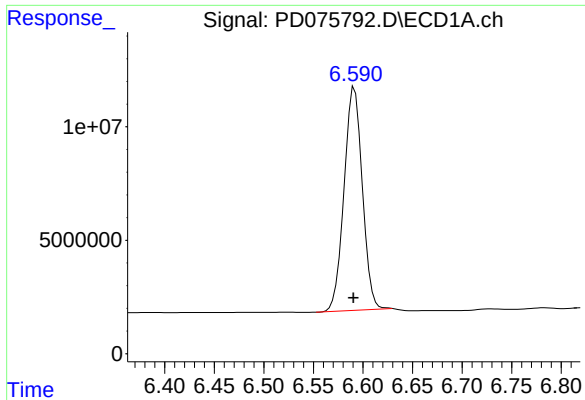
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.023 min
Response: 145451
Conc: 0.05 ng/ml



#13 Dieldrin

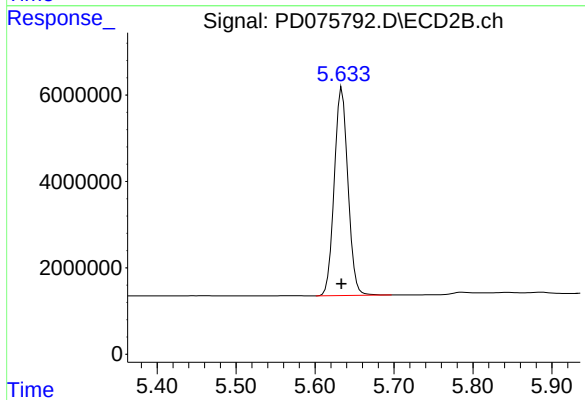
R.T.: 0.000 min
Exp R.T. : 5.358 min
Response: 0
Conc: N.D.



#14 Endrin

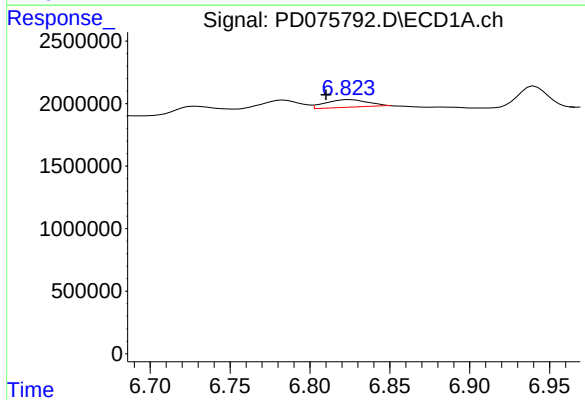
R.T.: 6.592 min
Delta R.T.: 0.000 min
Response: 126301583
Conc: 48.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



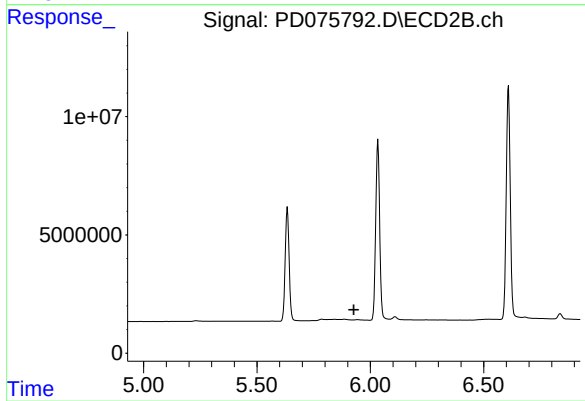
#14 Endrin

R.T.: 5.634 min
Delta R.T.: 0.000 min
Response: 57977589
Conc: 47.64 ng/ml



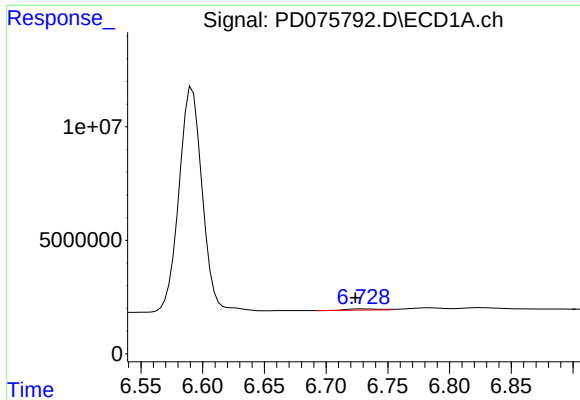
#15 Endosulfan II

R.T.: 6.825 min
Delta R.T.: 0.015 min
Response: 1174822
Conc: 0.45 ng/ml



#15 Endosulfan II

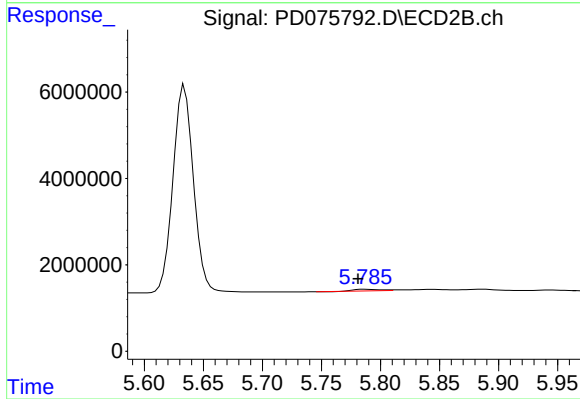
R.T.: 0.000 min
Exp R.T. : 5.928 min
Response: 0
Conc: N.D.



#16 4,4'-DDD

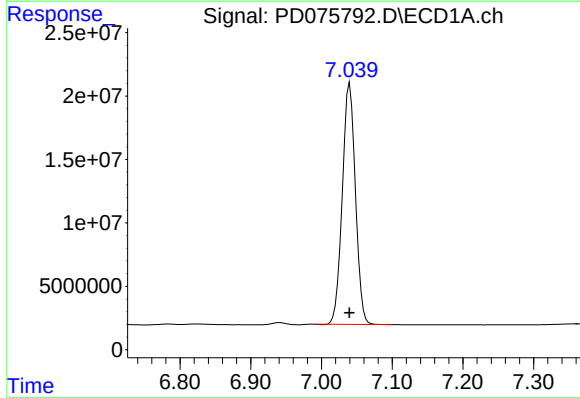
R.T.: 6.729 min
Delta R.T.: 0.006 min
Response: 980497
Conc: 0.43 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



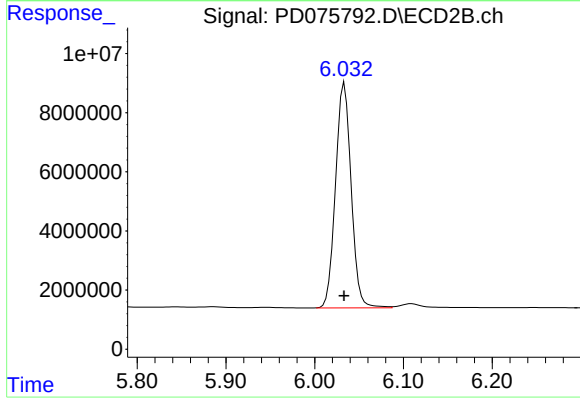
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: 0.005 min
Response: 563023
Conc: 0.64 ng/ml



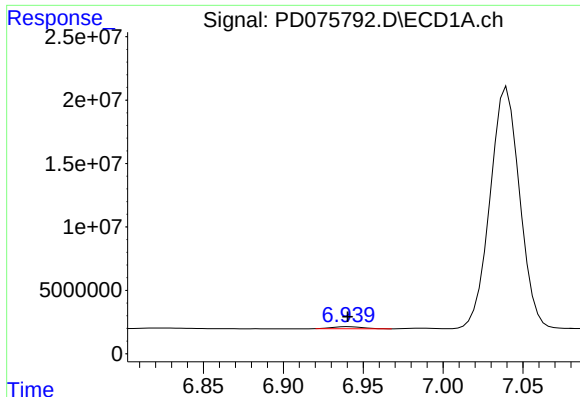
#17 4,4'-DDT

R.T.: 7.040 min
Delta R.T.: 0.000 min
Response: 244780053
Conc: 107.87 ng/ml



#17 4,4'-DDT

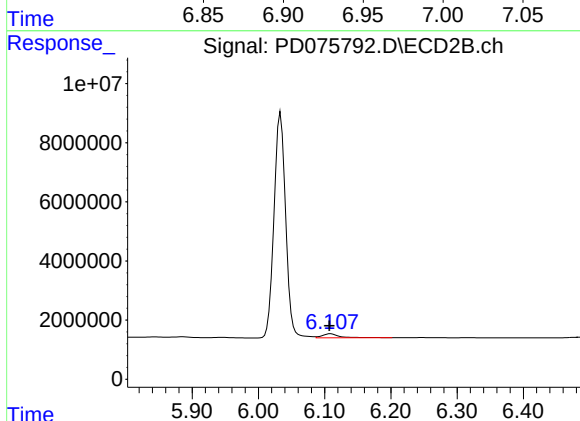
R.T.: 6.034 min
Delta R.T.: 0.000 min
Response: 93212462
Conc: 114.75 ng/ml



#18 Endrin aldehyde

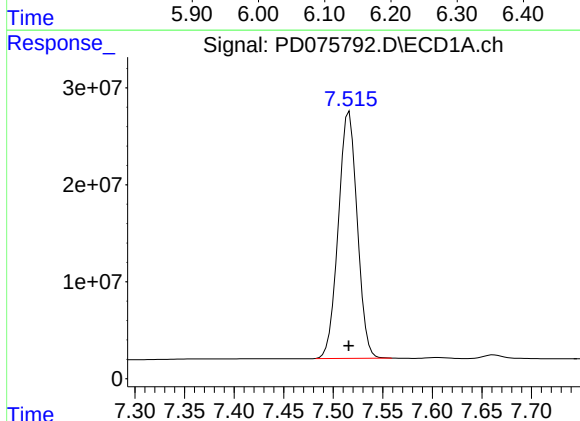
R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 2107227
Conc: 1.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



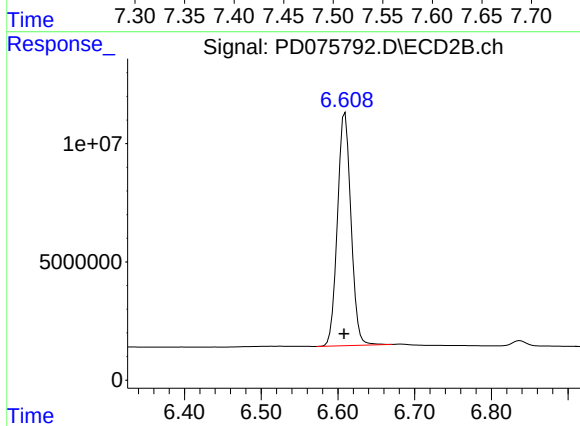
#18 Endrin aldehyde

R.T.: 6.109 min
Delta R.T.: 0.002 min
Response: 2410932
Conc: 2.79 ng/ml



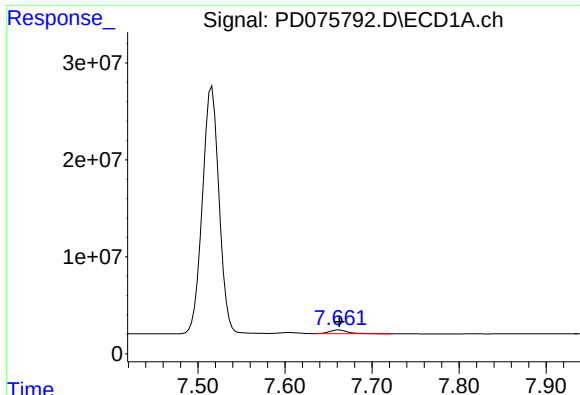
#20 Methoxychlor

R.T.: 7.516 min
Delta R.T.: 0.000 min
Response: 337734225
Conc: 260.92 ng/ml



#20 Methoxychlor

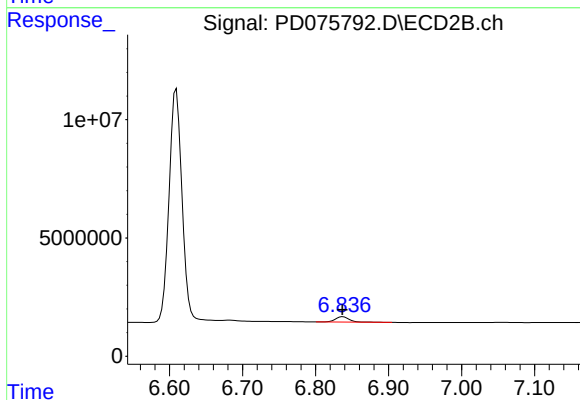
R.T.: 6.609 min
Delta R.T.: 0.001 min
Response: 120775392
Conc: 260.94 ng/ml



#21 Endrin ketone

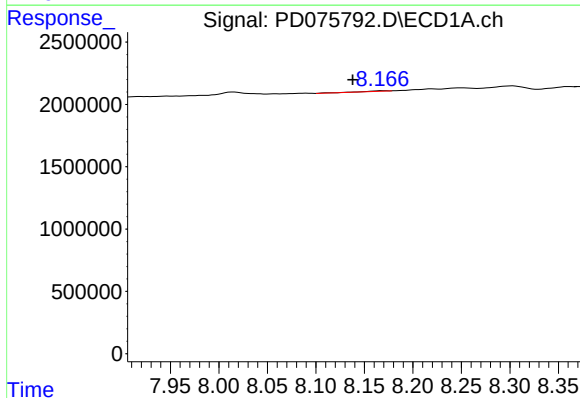
R.T.: 7.662 min
Delta R.T.: 0.000 min
Response: 5782403
Conc: 2.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



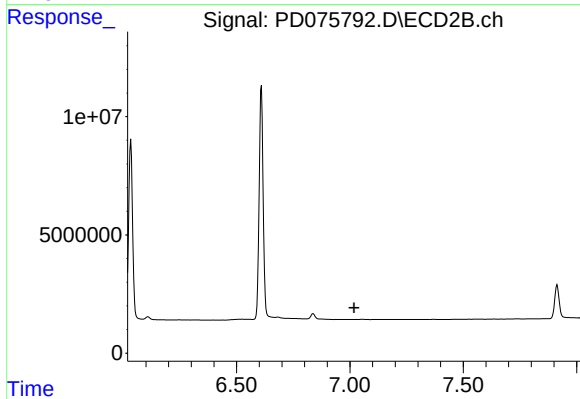
#21 Endrin ketone

R.T.: 6.837 min
Delta R.T.: 0.000 min
Response: 2915769
Conc: 2.40 ng/ml



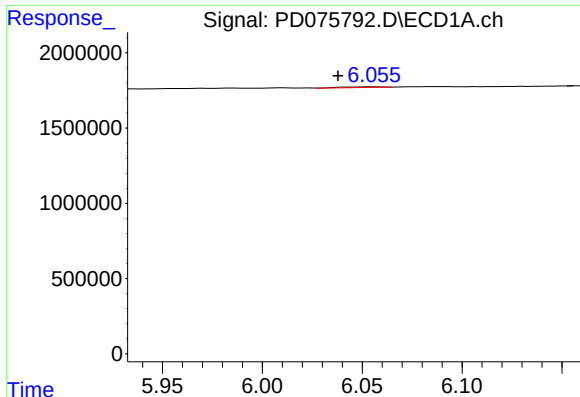
#22 Mirex

R.T.: 8.168 min
Delta R.T.: 0.031 min
Response: 51093
Conc: 0.02 ng/ml



#22 Mirex

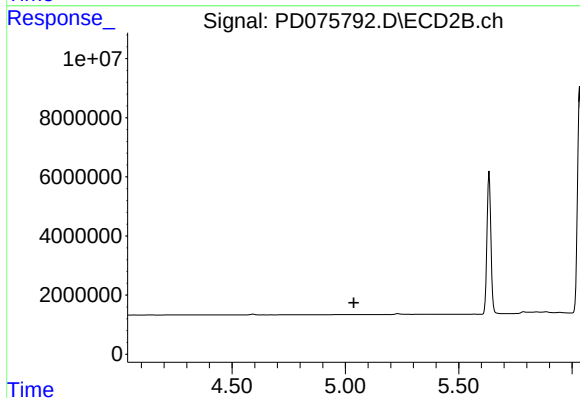
R.T.: 0.000 min
Exp R.T. : 7.019 min
Response: 0
Conc: N.D.



#26 Chlordane-4

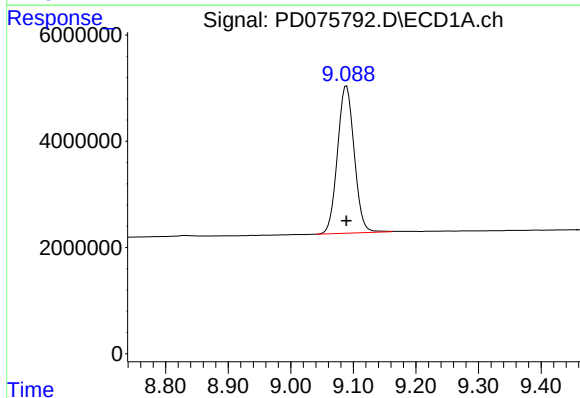
R.T.: 6.056 min
Delta R.T.: 0.018 min
Response: 67106
Conc: 0.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



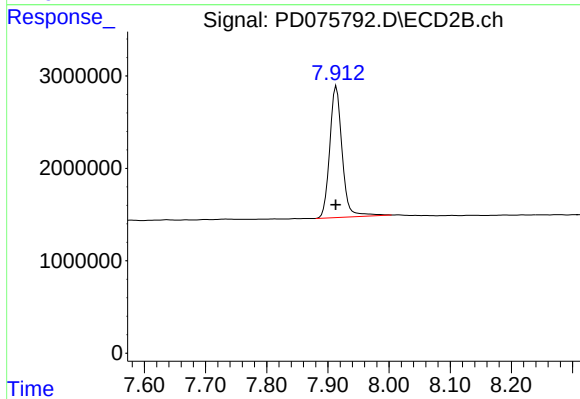
#26 Chlordane-4

R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#28 Decachlorobiphenyl

R.T.: 9.089 min
Delta R.T.: 0.000 min
Response: 51731022
Conc: 20.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.001 min
Response: 20069700
Conc: 20.53 ng/ml