

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
 Data File : PD076163.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jun 2023 19:16
 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 26 01:25:51 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 16 10:43:19 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	2.767	47004805	23930689	22.067	22.057
28)	SA Decachlor...	9.086	7.911	51894101	23288510	20.484	23.817
Target Compounds							
2)	A alpha-BHC	4.002	3.269	37894405	17040078	10.264	10.652
3)	MA gamma-BHC...	4.335	3.599	35980134	15948616	10.693	10.824
4)	MA Heptachlor	4.942f	0.000	1091122	0	0.304	N.D. #
5)	MB Aldrin	5.270	0.000	531063	0	0.152	N.D. #
6)	B beta-BHC	4.532	3.896	16350186	8010331	11.372	12.567
7)	B delta-BHC	4.764f	0.000	1910505	0	0.575	N.D. #
8)	B Heptachlo...	5.691	0.000	3601267	0	1.118	N.D. #
9)	A Endosulfan I	6.090	0.000	165806	0	0.055	N.D. #
10)	B gamma-Chl...	5.948	0.000	240410	0	0.075	N.D. #
11)	B alpha-Chl...	6.064f	0.000	334725	0	0.104	N.D. #
12)	B 4,4'-DDE	6.205	0.000	240798	0	0.084	N.D. #
13)	MA Dieldrin	6.380f	5.356	841856	268815	0.269	0.199 #
14)	MA Endrin	6.590	5.632	132.4E6	63220430	49.519	51.948
15)	B Endosulfa...	6.826f	5.941	1438766	400050	0.557	0.371 #
16)	A 4,4'-DDD	6.723	5.780	8828912	4284682	3.880	4.862 #
17)	MA 4,4'-DDT	7.038	6.031	265.3E6	118.6E6	116.903	146.019
18)	B Endrin al...	6.939	6.106	3165506	2628953	1.578	3.038 #
20)	A Methoxychlor	7.514	6.607	357.3E6	156.7E6	276.075	338.523
21)	B Endrin ke...	7.660	6.835	10825873	5114258	3.886	4.209
22)	Mirex	8.154f	0.000	300592	0	0.140	N.D. #
24)	Chlordane-2	5.270f	4.357	531063	960019	4.035	18.108 #
25)	Chlordane-3	5.948	0.000	240410	0	0.463	N.D. #
26)	Chlordane-4	6.064f	0.000	334725	0	0.531	N.D. #
27)	Chlordane-5	0.000	5.941	0	400050	N.D.	8.271 #

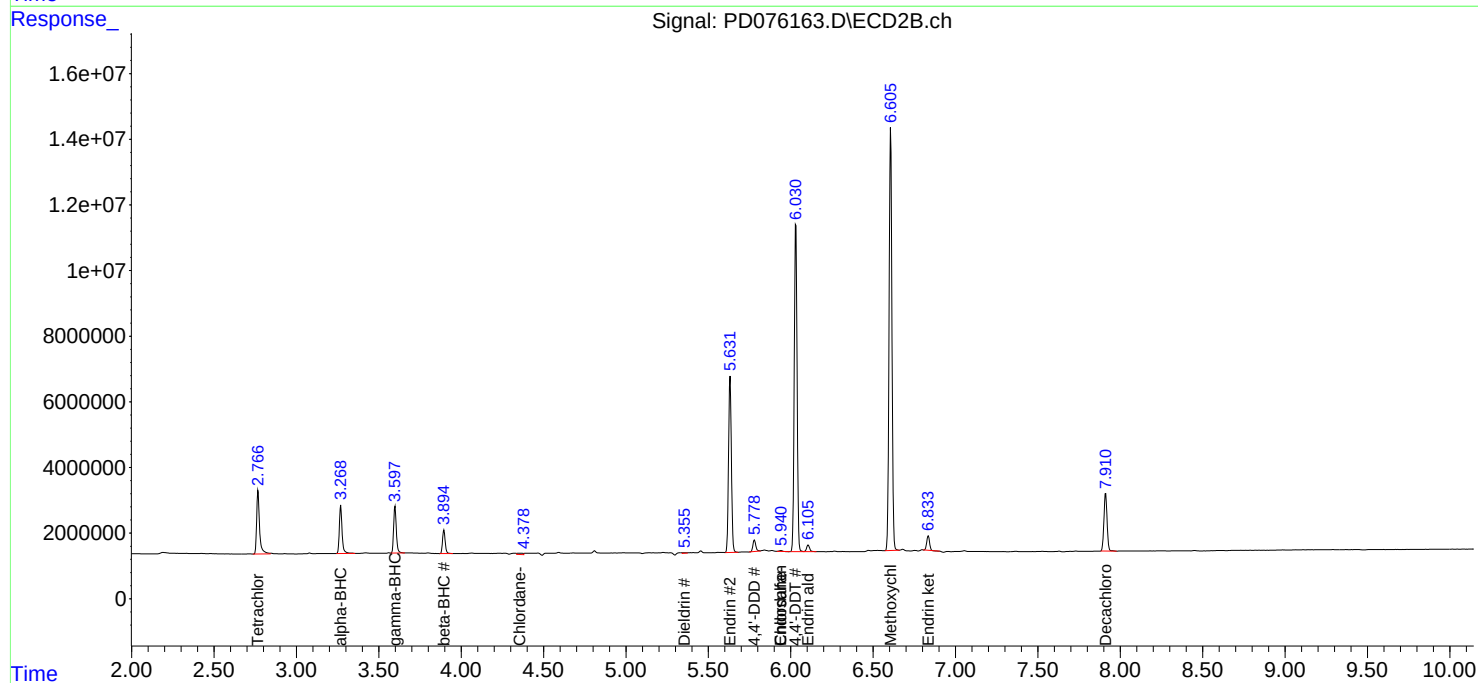
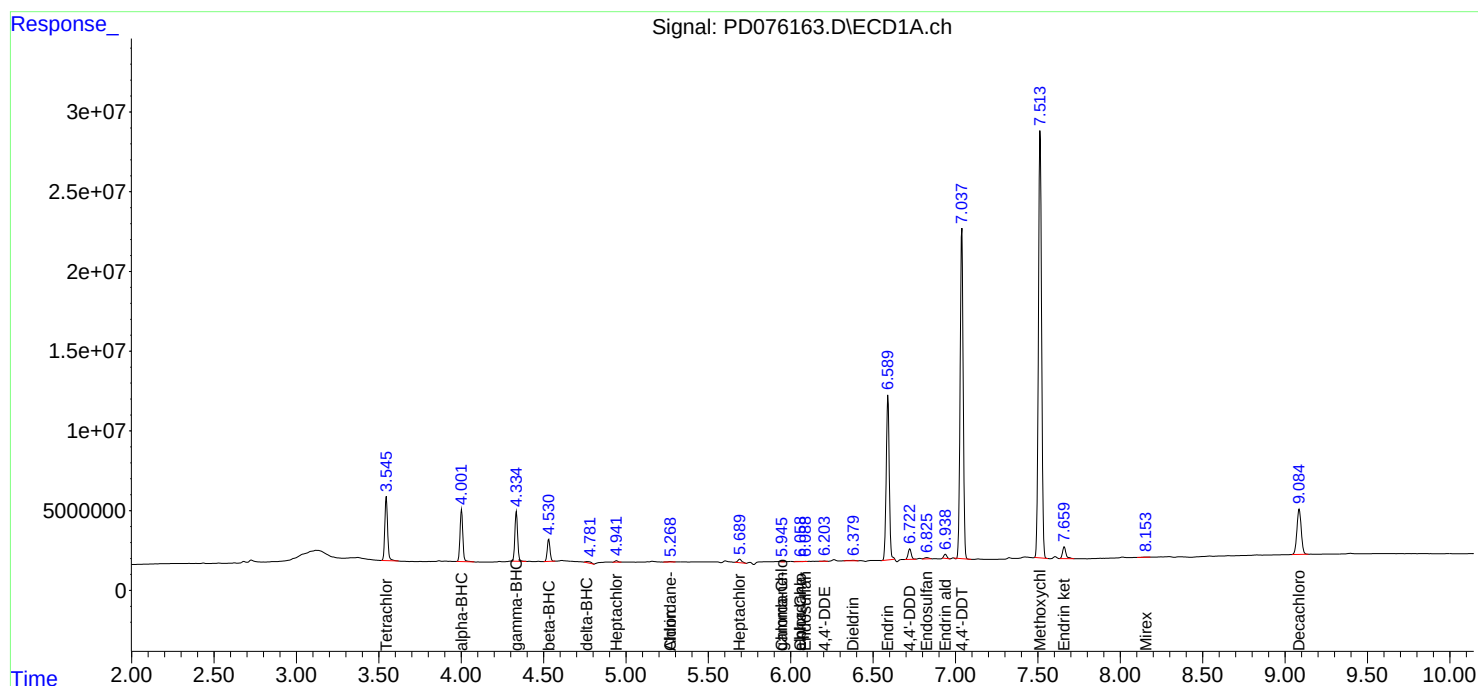
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

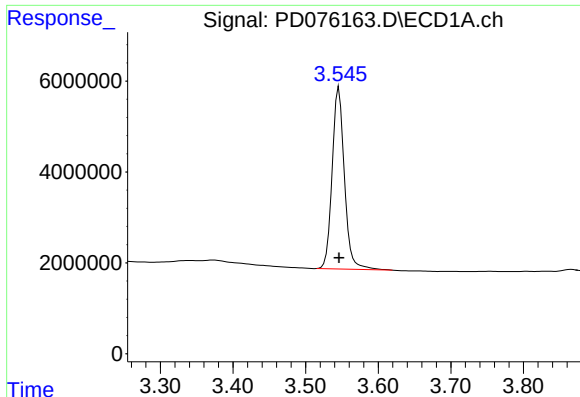
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD062623\
Data File : PD076163.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Jun 2023 19:16
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
ECD_D
ClientSampleId :
PEM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 26 01:25:51 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD061523.M
Quant Title : GC Extractables
QLast Update : Fri Jun 16 10:43:19 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

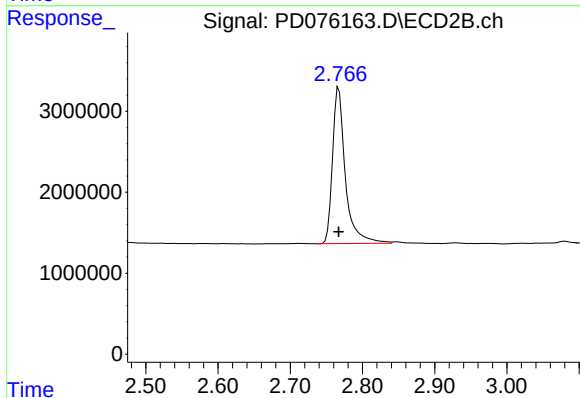




#1 Tetrachloro-m-xylene

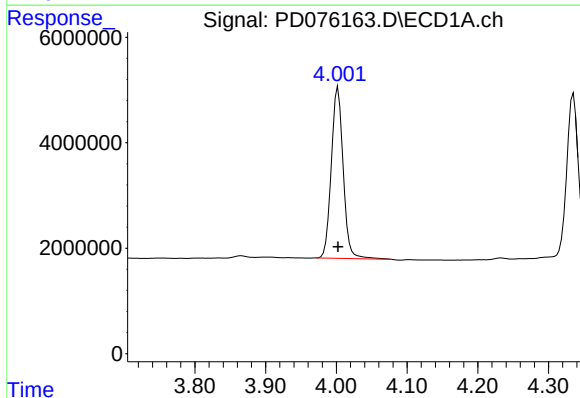
R.T.: 3.546 min
Delta R.T.: 0.000 min
Response: 47004805
Conc: 22.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



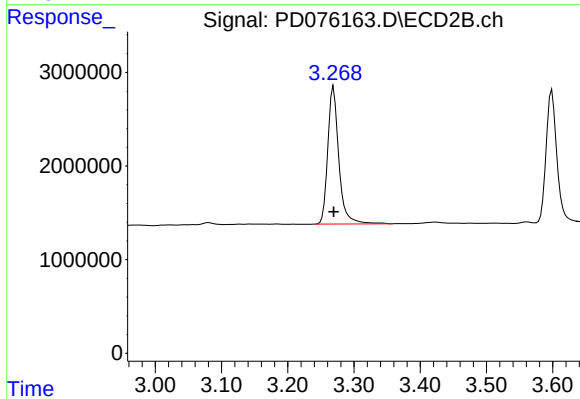
#1 Tetrachloro-m-xylene

R.T.: 2.767 min
Delta R.T.: 0.000 min
Response: 23930689
Conc: 22.06 ng/ml



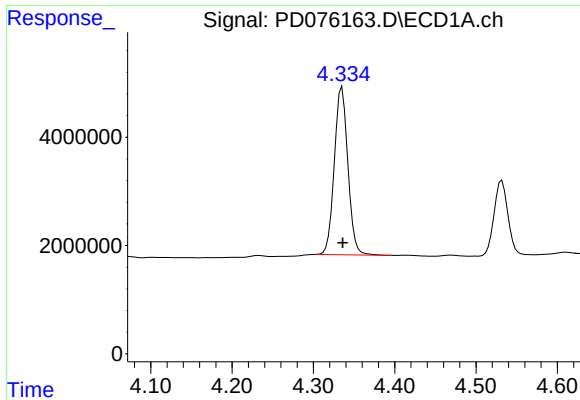
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 37894405
Conc: 10.26 ng/ml



#2 alpha-BHC

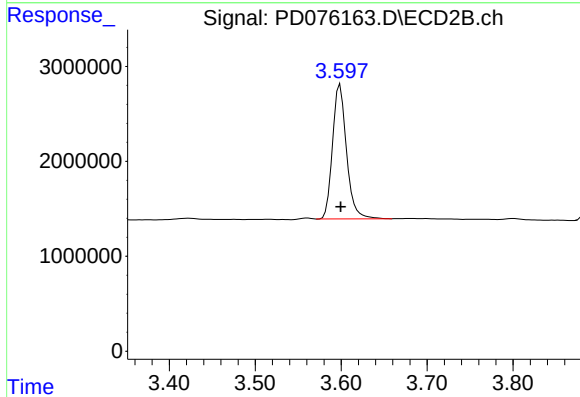
R.T.: 3.269 min
Delta R.T.: 0.000 min
Response: 17040078
Conc: 10.65 ng/ml



#3 gamma-BHC (Lindane)

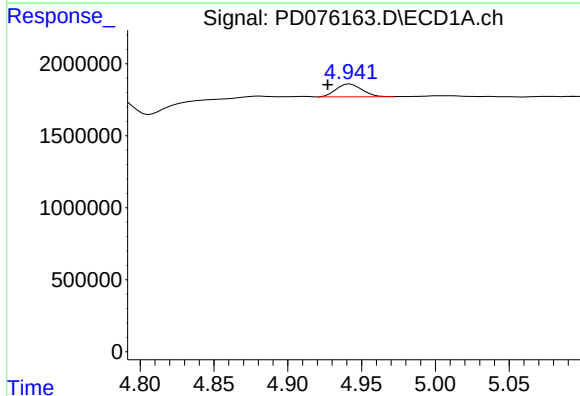
R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 35980134
Conc: 10.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



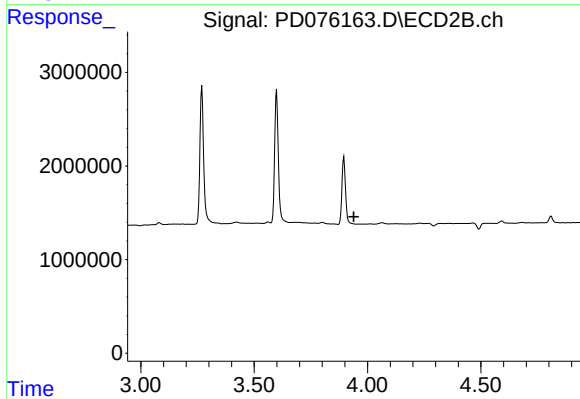
#3 gamma-BHC (Lindane)

R.T.: 3.599 min
Delta R.T.: 0.000 min
Response: 15948616
Conc: 10.82 ng/ml



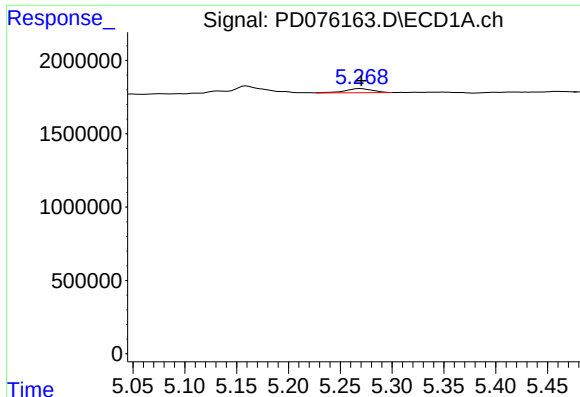
#4 Heptachlor

R.T.: 4.942 min
Delta R.T.: 0.015 min
Response: 1091122
Conc: 0.30 ng/ml



#4 Heptachlor

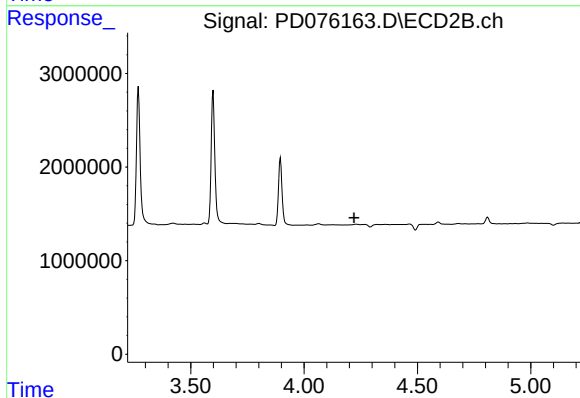
R.T.: 0.000 min
Exp R.T. : 3.940 min
Response: 0
Conc: N.D.



#5 Aldrin

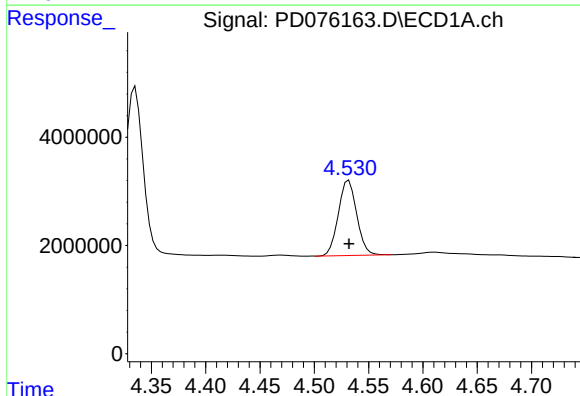
R.T.: 5.270 min
Delta R.T.: 0.000 min
Response: 531063
Conc: 0.15 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



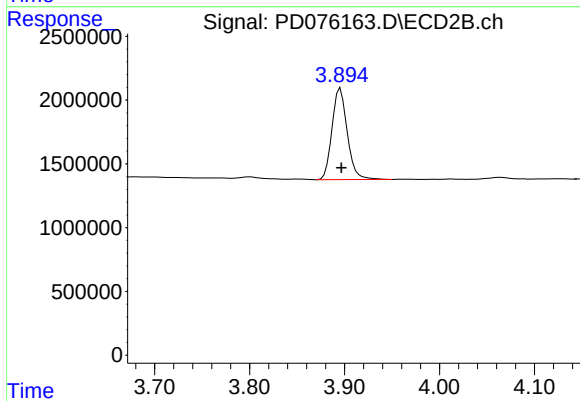
#5 Aldrin

R.T.: 0.000 min
Exp R.T. : 4.220 min
Response: 0
Conc: N.D.



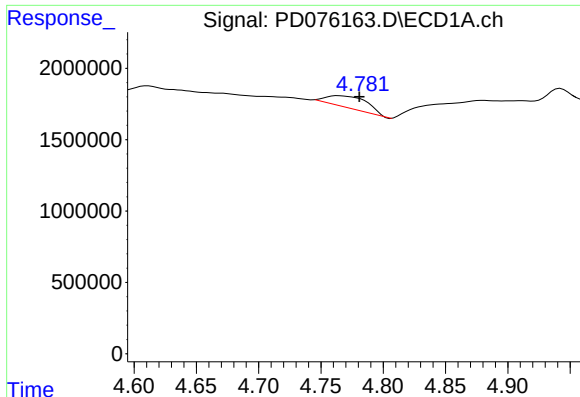
#6 beta-BHC

R.T.: 4.532 min
Delta R.T.: 0.000 min
Response: 16350186
Conc: 11.37 ng/ml



#6 beta-BHC

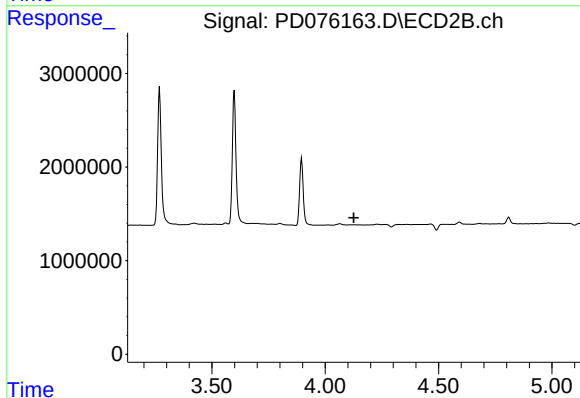
R.T.: 3.896 min
Delta R.T.: 0.000 min
Response: 8010331
Conc: 12.57 ng/ml



#7 delta-BHC

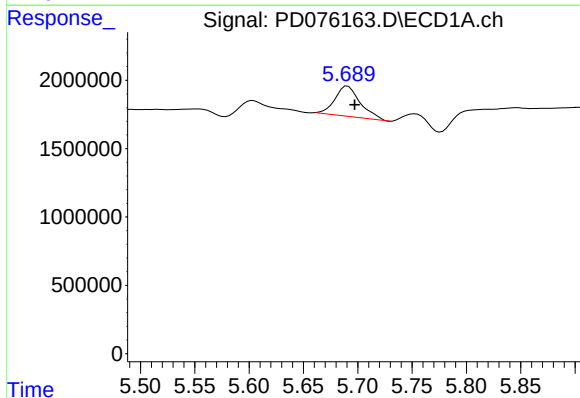
R.T.: 4.764 min
Delta R.T.: -0.016 min
Response: 1910505
Conc: 0.57 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



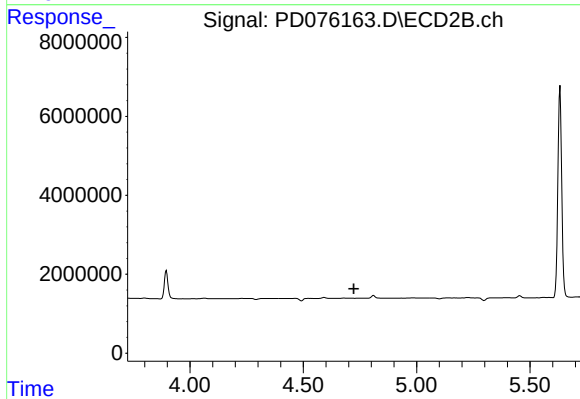
#7 delta-BHC

R.T.: 0.000 min
Exp R.T. : 4.127 min
Response: 0
Conc: N.D.



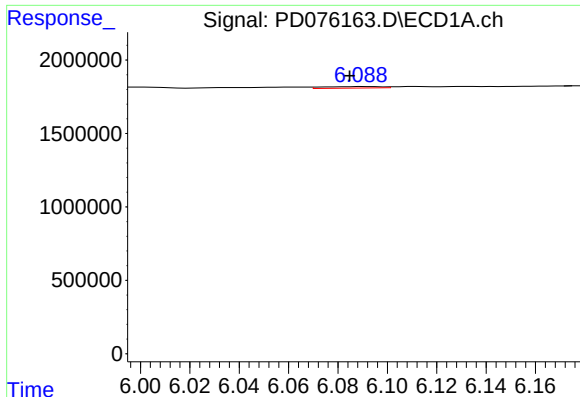
#8 Heptachlor epoxide

R.T.: 5.691 min
Delta R.T.: -0.007 min
Response: 3601267
Conc: 1.12 ng/ml



#8 Heptachlor epoxide

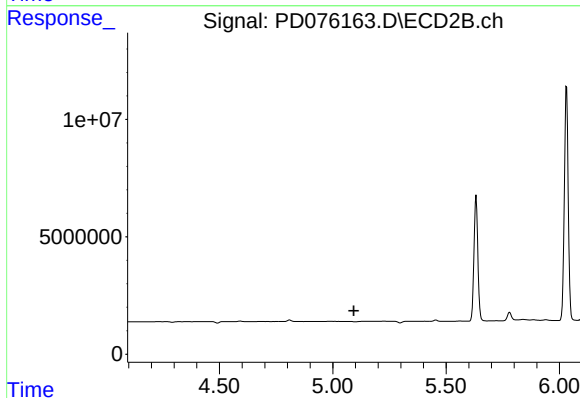
R.T.: 0.000 min
Exp R.T. : 4.723 min
Response: 0
Conc: N.D.



#9 Endosulfan I

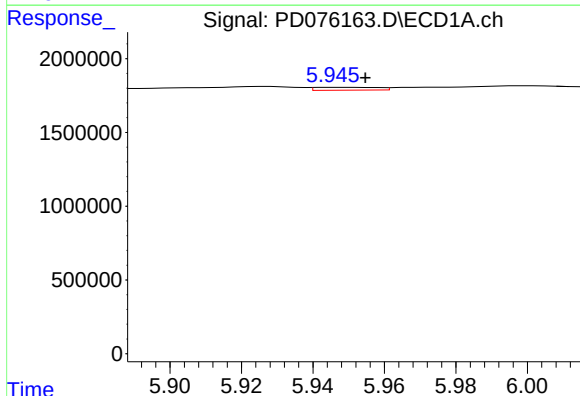
R.T.: 6.090 min
Delta R.T.: 0.006 min
Response: 165806
Conc: 0.06 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



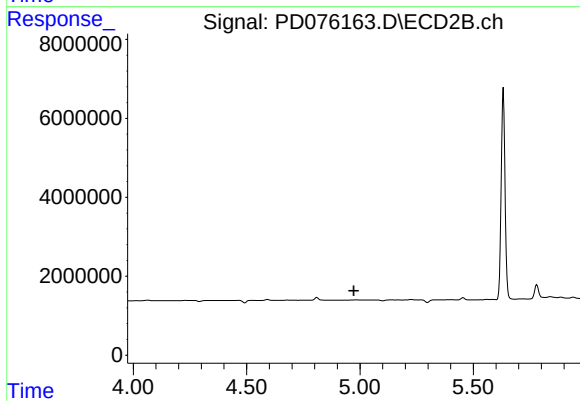
#9 Endosulfan I

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



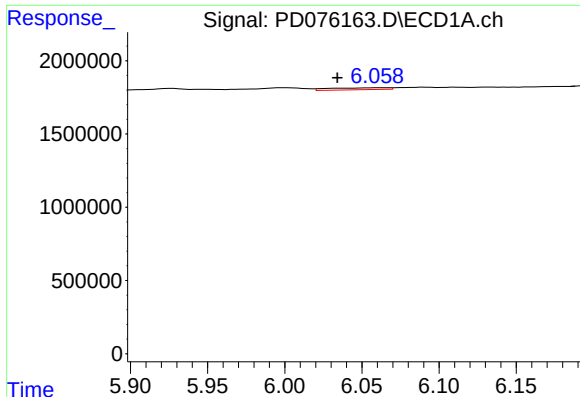
#10 gamma-Chlordane

R.T.: 5.948 min
Delta R.T.: -0.007 min
Response: 240410
Conc: 0.07 ng/ml



#10 gamma-Chlordane

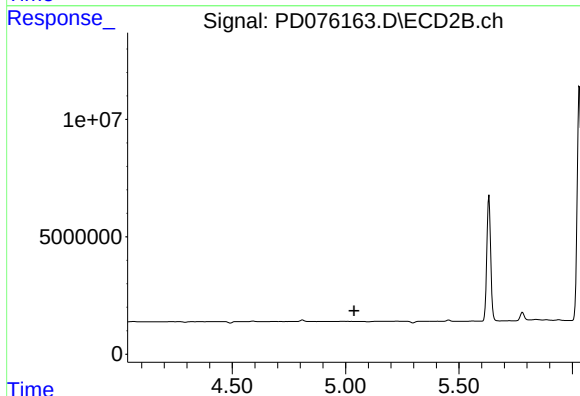
R.T.: 0.000 min
Exp R.T. : 4.973 min
Response: 0
Conc: N.D.



#11 alpha-Chlordane

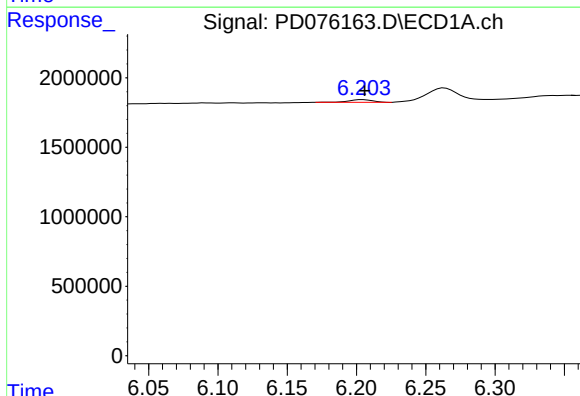
R.T.: 6.064 min
Delta R.T.: 0.030 min
Response: 334725
Conc: 0.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



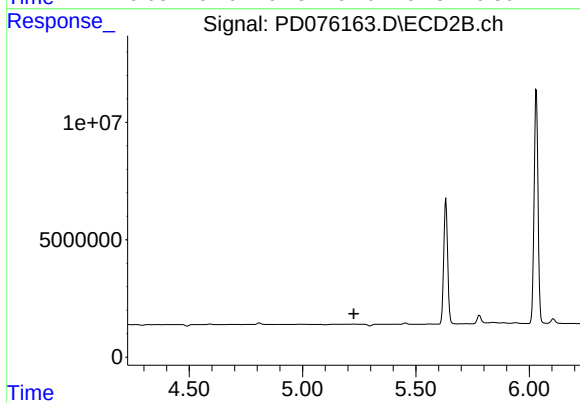
#11 alpha-Chlordane

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



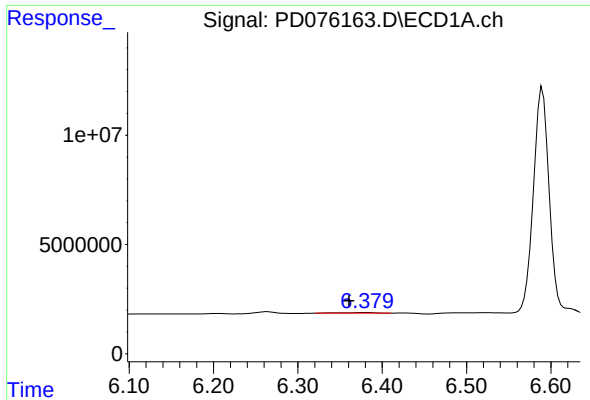
#12 4,4'-DDE

R.T.: 6.205 min
Delta R.T.: -0.001 min
Response: 240798
Conc: 0.08 ng/ml



#12 4,4'-DDE

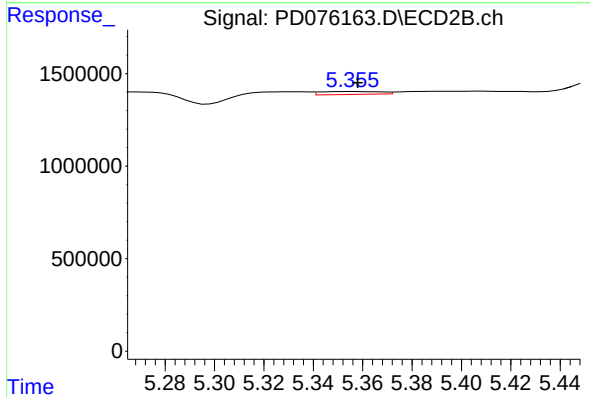
R.T.: 0.000 min
Exp R.T. : 5.227 min
Response: 0
Conc: N.D.



#13 Dieldrin

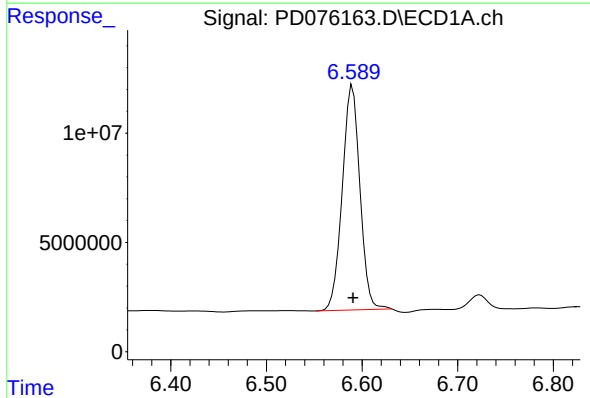
R.T.: 6.380 min
Delta R.T.: 0.020 min
Response: 841856
Conc: 0.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



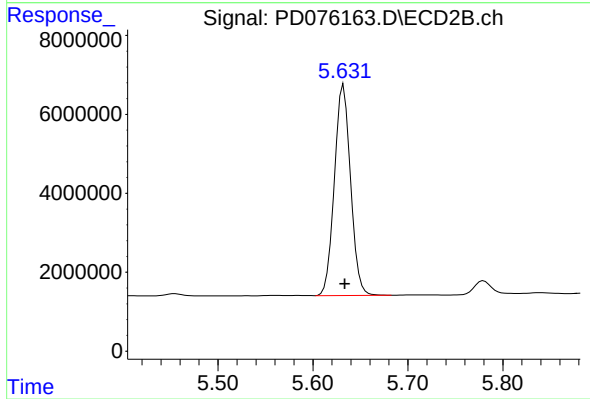
#13 Dieldrin

R.T.: 5.356 min
Delta R.T.: -0.002 min
Response: 268815
Conc: 0.20 ng/ml



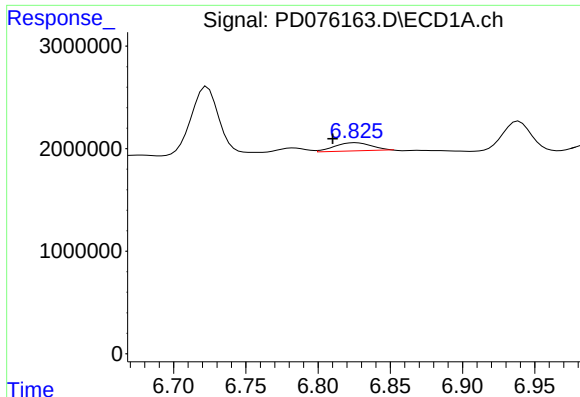
#14 Endrin

R.T.: 6.590 min
Delta R.T.: 0.000 min
Response: 132431783
Conc: 49.52 ng/ml



#14 Endrin

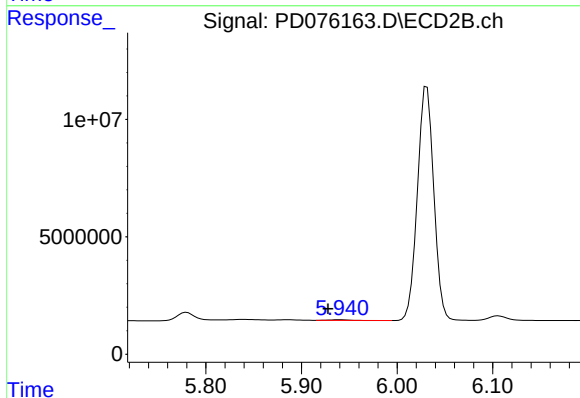
R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 63220430
Conc: 51.95 ng/ml



#15 Endosulfan II

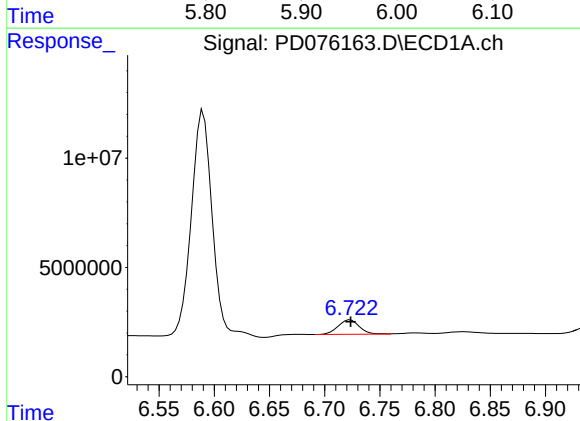
R.T.: 6.826 min
Delta R.T.: 0.016 min
Response: 1438766
Conc: 0.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



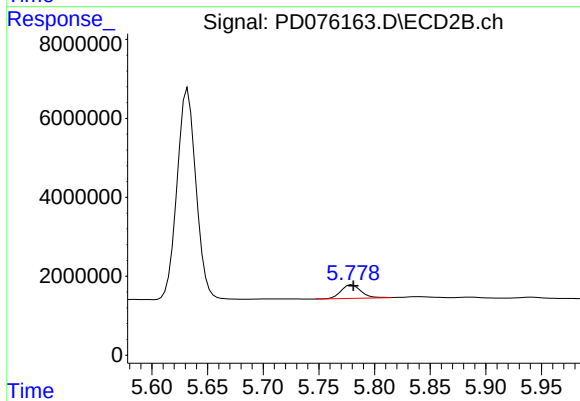
#15 Endosulfan II

R.T.: 5.941 min
Delta R.T.: 0.013 min
Response: 400050
Conc: 0.37 ng/ml



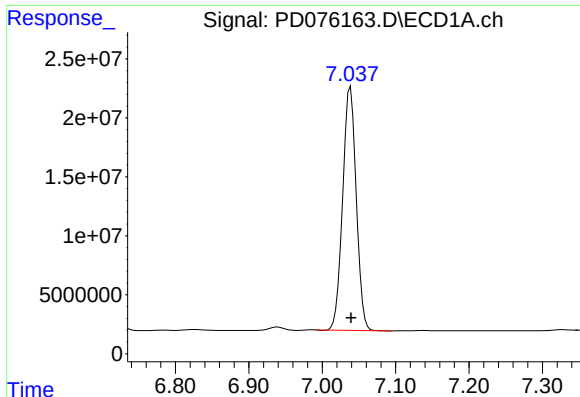
#16 4,4'-DDD

R.T.: 6.723 min
Delta R.T.: 0.000 min
Response: 8828912
Conc: 3.88 ng/ml



#16 4,4'-DDD

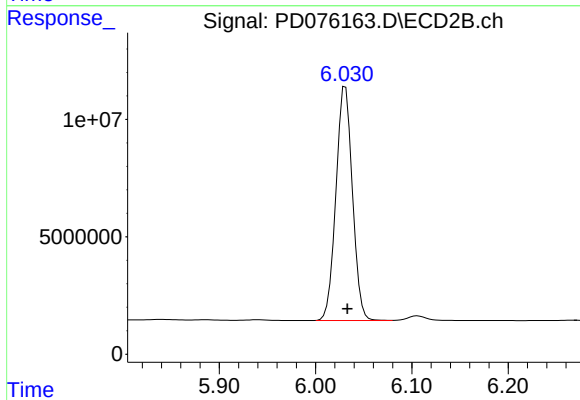
R.T.: 5.780 min
Delta R.T.: -0.001 min
Response: 4284682
Conc: 4.86 ng/ml



#17 4,4'-DDT

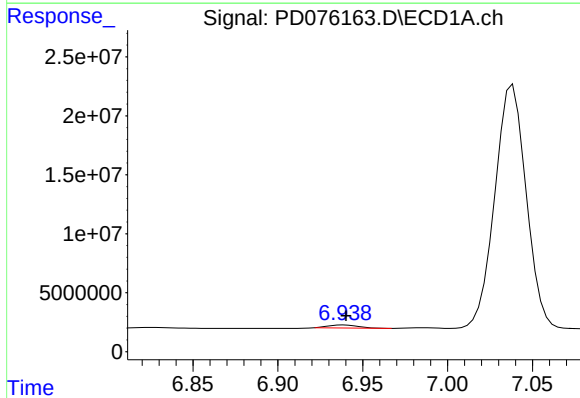
R.T.: 7.038 min
Delta R.T.: -0.001 min
Response: 265283399
Conc: 116.90 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



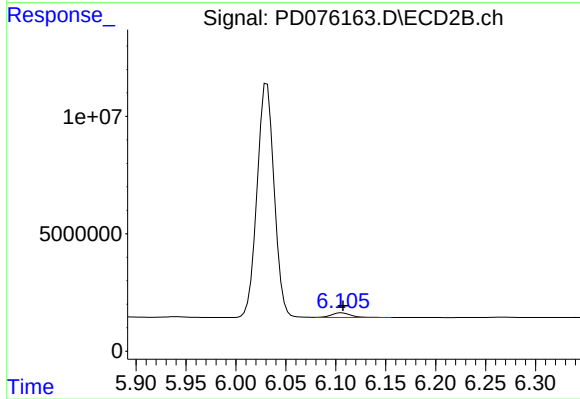
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: -0.002 min
Response: 118610405
Conc: 146.02 ng/ml



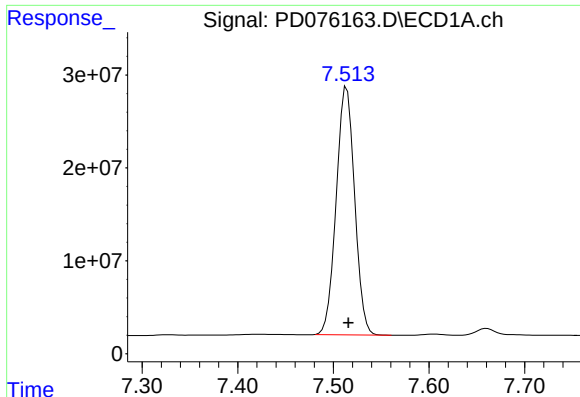
#18 Endrin aldehyde

R.T.: 6.939 min
Delta R.T.: -0.001 min
Response: 3165506
Conc: 1.58 ng/ml



#18 Endrin aldehyde

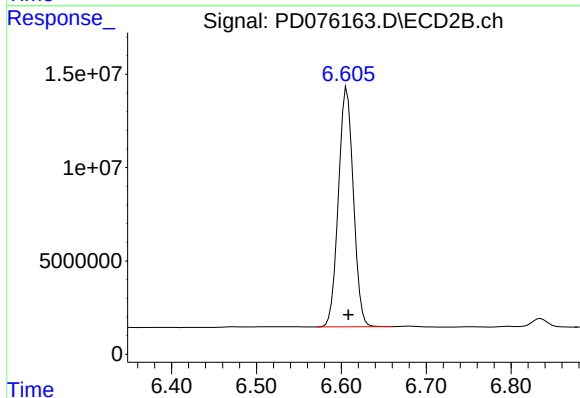
R.T.: 6.106 min
Delta R.T.: -0.001 min
Response: 2628953
Conc: 3.04 ng/ml



#20 Methoxychlor

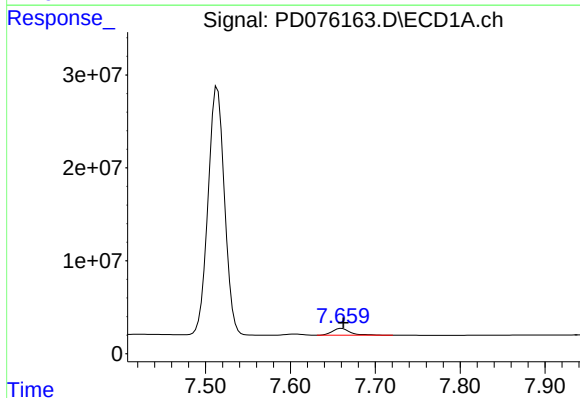
R.T.: 7.514 min
Delta R.T.: -0.002 min
Response: 357349138
Conc: 276.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



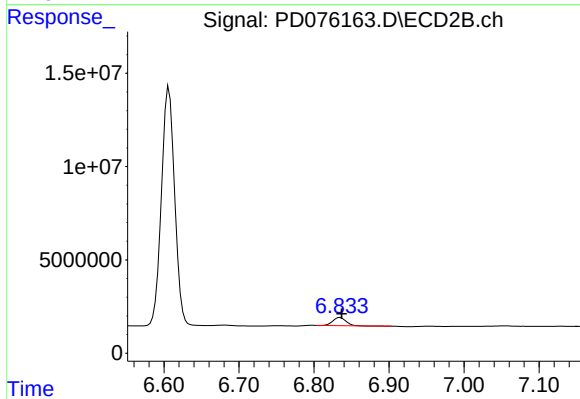
#20 Methoxychlor

R.T.: 6.607 min
Delta R.T.: -0.001 min
Response: 156682882
Conc: 338.52 ng/ml



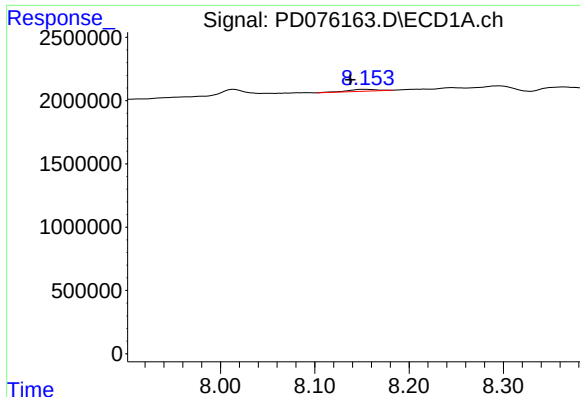
#21 Endrin ketone

R.T.: 7.660 min
Delta R.T.: -0.002 min
Response: 10825873
Conc: 3.89 ng/ml



#21 Endrin ketone

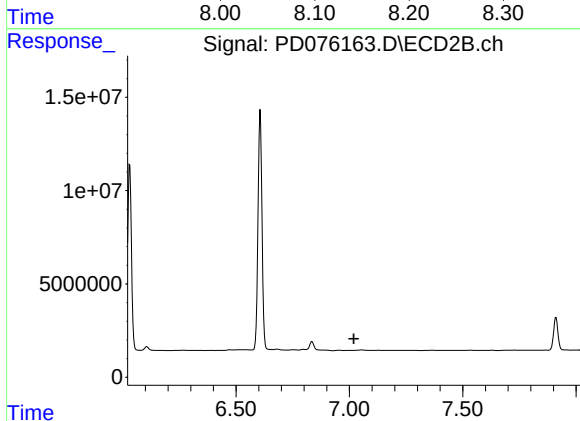
R.T.: 6.835 min
Delta R.T.: -0.002 min
Response: 5114258
Conc: 4.21 ng/ml



#22 Mirex

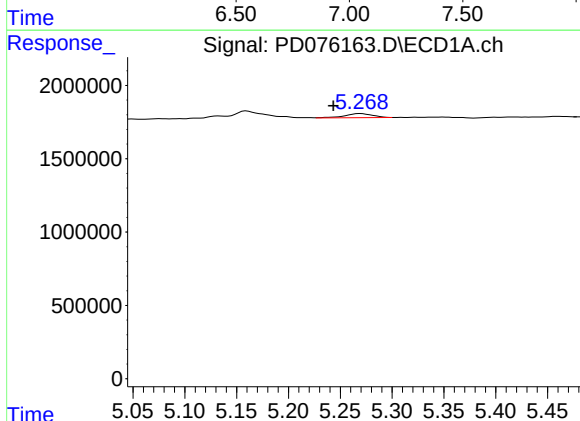
R.T.: 8.154 min
Delta R.T.: 0.016 min
Response: 300592
Conc: 0.14 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



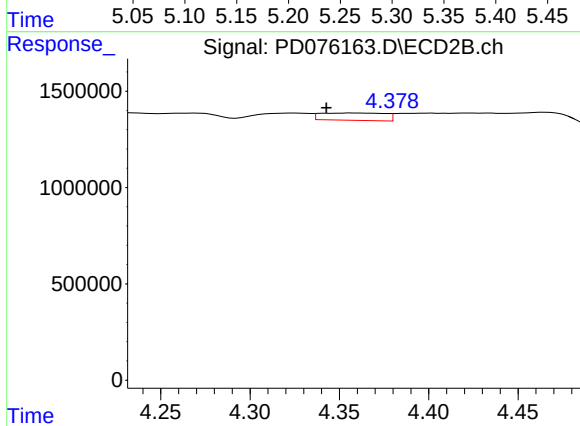
#22 Mirex

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



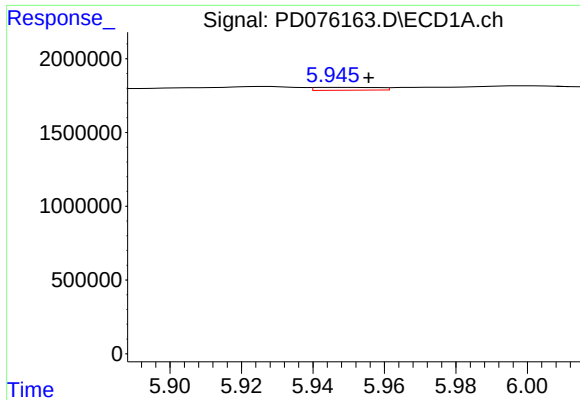
#24 Chlordane-2

R.T.: 5.270 min
Delta R.T.: 0.026 min
Response: 531063
Conc: 4.04 ng/ml



#24 Chlordane-2

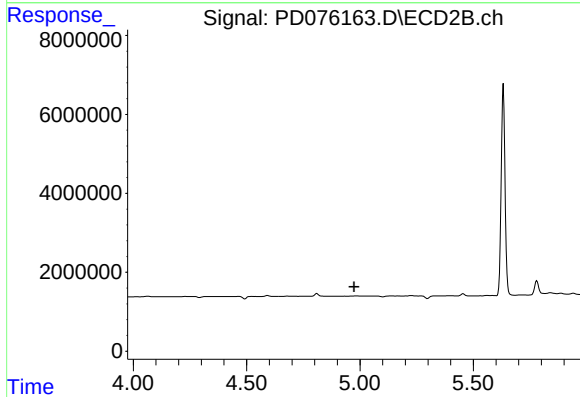
R.T.: 4.357 min
Delta R.T.: 0.014 min
Response: 960019
Conc: 18.11 ng/ml



#25 Chlordane-3

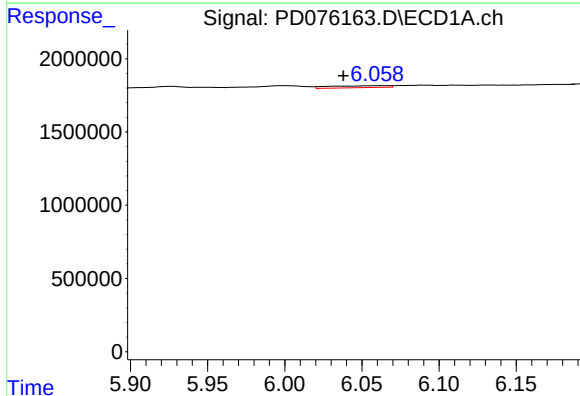
R.T.: 5.948 min
Delta R.T.: -0.008 min
Response: 240410
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
PEM



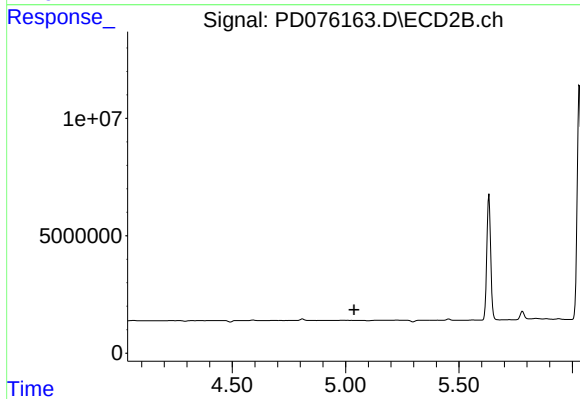
#25 Chlordane-3

R.T.: 0.000 min
Exp R.T. : 4.974 min
Response: 0
Conc: N.D.



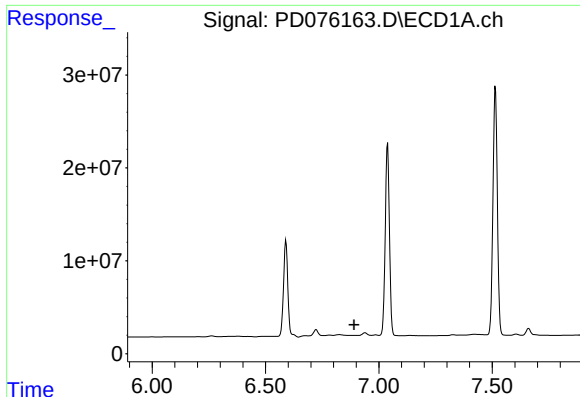
#26 Chlordane-4

R.T.: 6.064 min
Delta R.T.: 0.026 min
Response: 334725
Conc: 0.53 ng/ml



#26 Chlordane-4

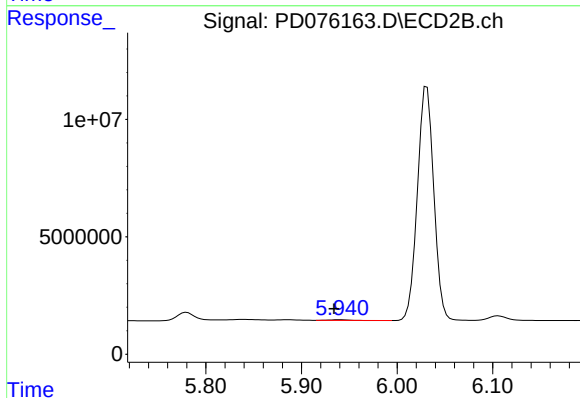
R.T.: 0.000 min
Exp R.T. : 5.037 min
Response: 0
Conc: N.D.



#27 Chlordane-5

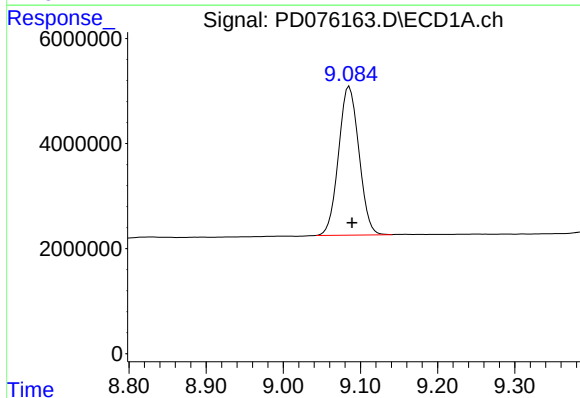
R.T.: 0.000 min
Exp R.T.: 6.890 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
PEM



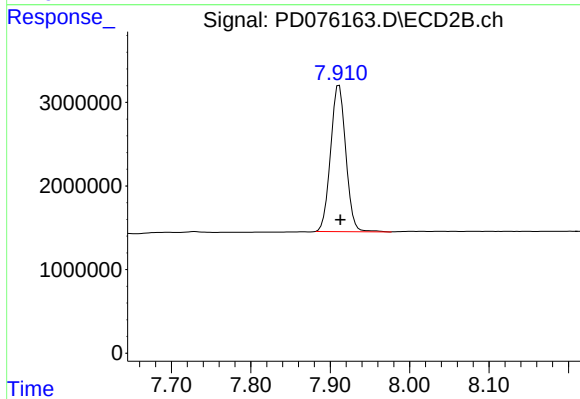
#27 Chlordane-5

R.T.: 5.941 min
Delta R.T.: 0.007 min
Response: 400050
Conc: 8.27 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.086 min
Delta R.T.: -0.003 min
Response: 51894101
Conc: 20.48 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 23288510
Conc: 23.82 ng/ml