

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090323\
 Data File : PD077581.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Sep 2023 17:31
 Operator : AR\AJ
 Sample : PCHLORICV500 (Sig #1); PSTDICV050 (Sig #2)
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 ICVPD090323CHLOR

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 01 18:18:38 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 01 16:18:56 2023
 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...	3.542	2.760	118.8E6	88872036	46.797	56.190
28)	SA Decachlor...	9.081	7.899	142.0E6	81749132	46.630	47.373
Target Compounds							
2)	A alpha-BHC	4.012	0.000	4273491	0	1.039	N.D. #
3)	MA gamma-BHC...	4.355f	0.000	1832776	0	0.463	N.D. #
4)	MA Heptachlor	4.922	3.930	87351586	44327139	22.295	19.706
5)	MB Aldrin	5.237f	4.228f	61954965	3653971	15.405	1.604 #
6)	B beta-BHC	4.561f	0.000	3926621	0	2.433	N.D. #
7)	B delta-BHC	4.766	4.114	801727	3574704	0.217	1.649 #
8)	B Heptachlo...	5.676f	0.000	35717682	0	9.989	N.D. #
9)	A Endosulfan I	0.000	5.071	0	8419968	N.D.	4.495 #
10)	B gamma-Chl...	5.950	4.963	227.0E6	99354442	64.489	49.425
11)	B alpha-Chl...	6.032	5.026	307.1E6	96245334	86.300	47.771 #
12)	B 4,4'-DDE	6.188	0.000	2255070	0	0.700	N.D. #
13)	MA Dieldrin	6.357	5.372f	10919187	-890261	3.069	N.D. #
14)	MA Endrin	6.611f	5.629	-37100	5564280	N.D.	3.072
15)	B Endosulfa...	6.823f	5.922	1018344	33382456	0.329	19.510 #
16)	A 4,4'-DDD	6.737f	5.753f	11809301	760699	4.609	0.544 #
17)	MA 4,4'-DDT	7.038	6.023	921488	-315634	0.352	N.D. #
19)	B Endosulfa...	7.171	6.325	558895	968008	0.197	0.605 #
20)	A Methoxychlor	7.501	0.000	630513	0	0.408	N.D. #
22)	Mirex	8.163f	0.000	453845	0	0.189	N.D. #
23)	Chlordane-1	4.706	3.756	57276928	28845287	490.011	506.528
24)	Chlordane-2	5.237	4.333	61954965	31577286	485.419	495.789
25)	Chlordane-3	5.950	4.963	227.0E6	99354442	451.894	506.387
26)	Chlordane-4	6.032	5.026	307.1E6	96245334	498.507	508.636
27)	Chlordane-5	6.884	5.922	27792218	33382456	274.581	518.863 #

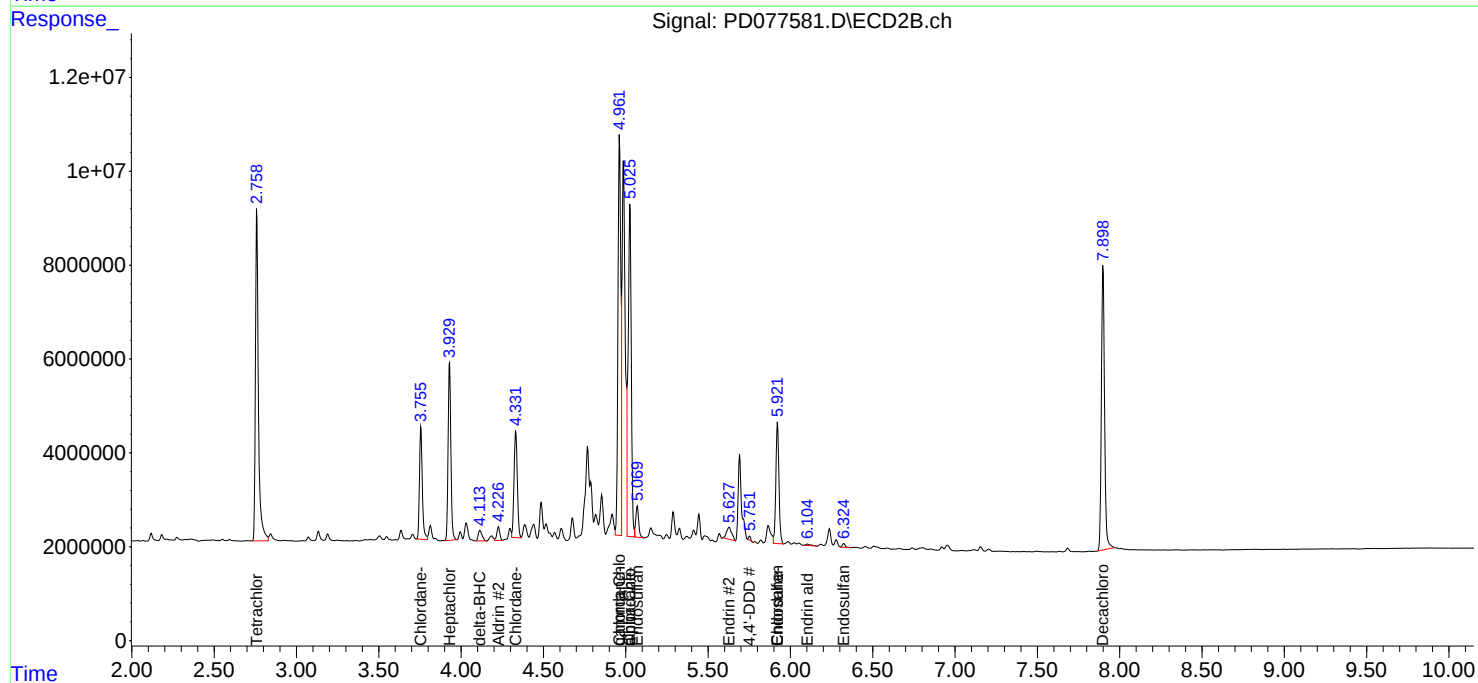
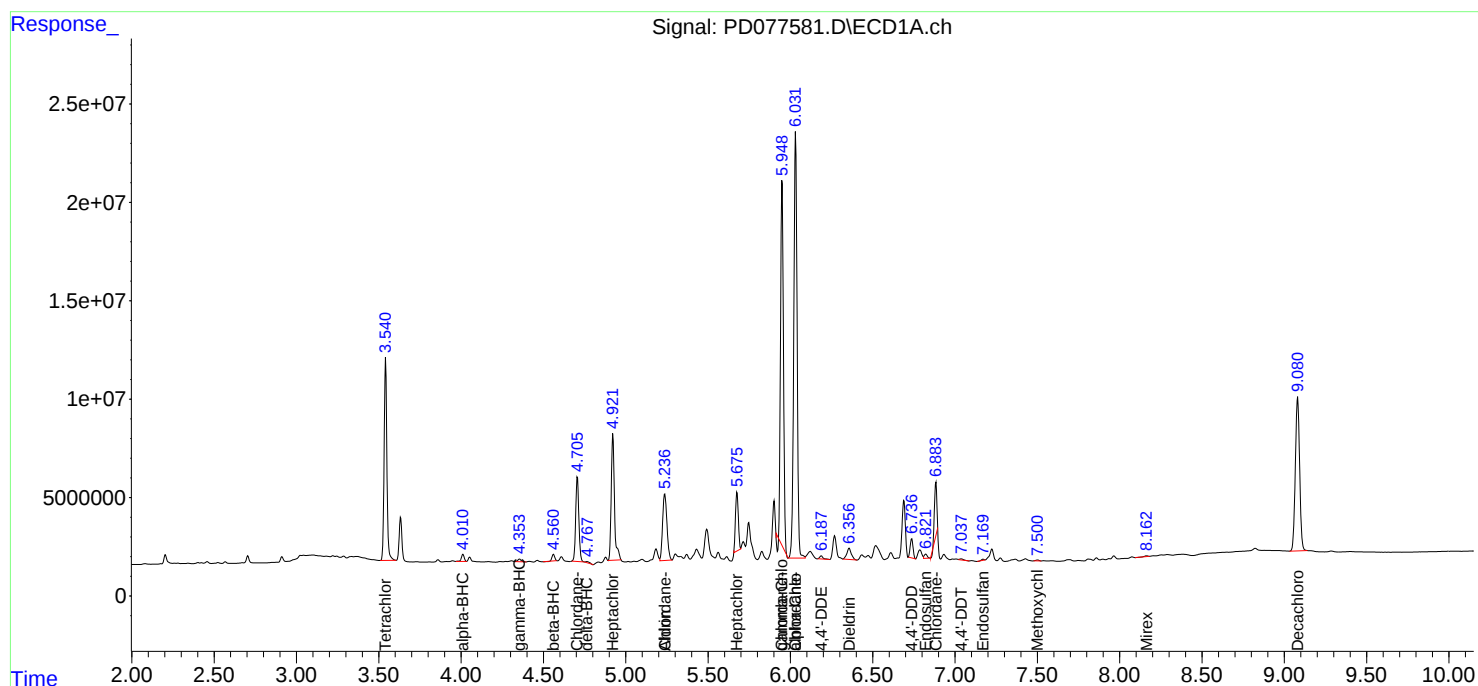
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

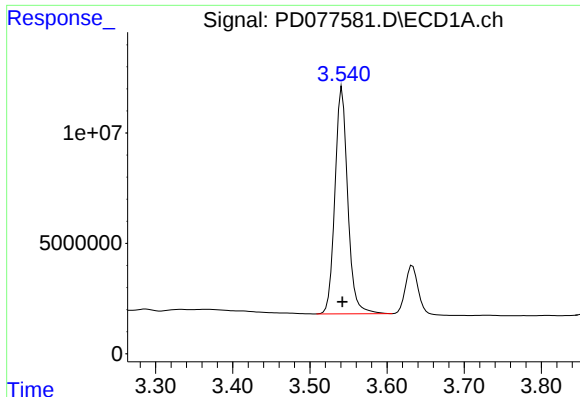
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD090323\
Data File : PD077581.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Sep 2023 17:31
Operator : AR\AJ
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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 01 18:18:38 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD090323.M
Quant Title : GC Extractables
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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

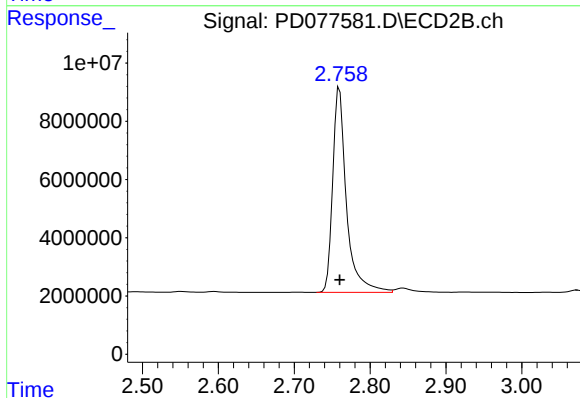




#1 Tetrachloro-m-xylene

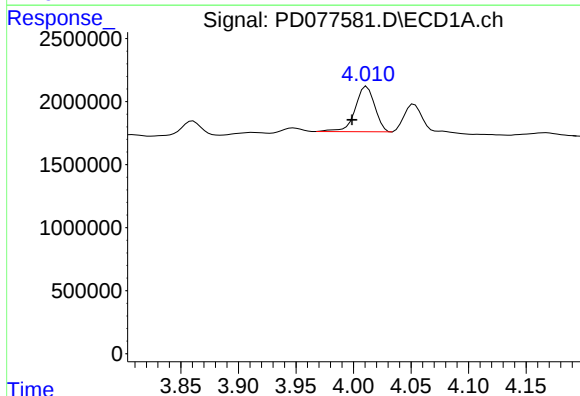
R.T.: 3.542 min
Delta R.T.: 0.000 min
Response: 118818427
Conc: 46.80 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



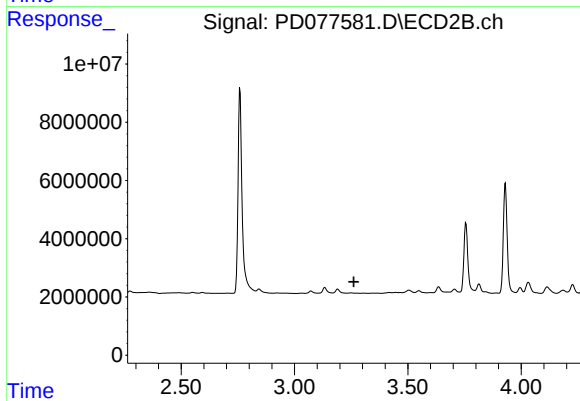
#1 Tetrachloro-m-xylene

R.T.: 2.760 min
Delta R.T.: 0.000 min
Response: 88872036
Conc: 56.19 ng/ml



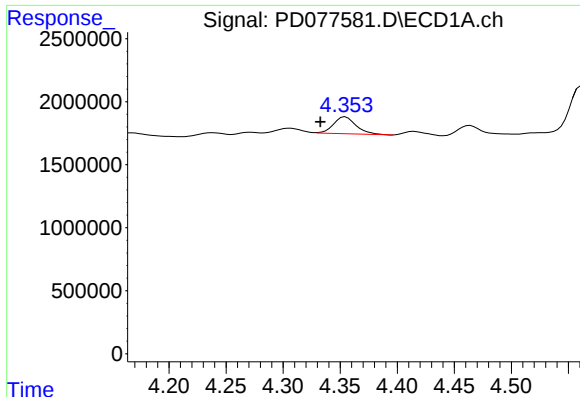
#2 alpha-BHC

R.T.: 4.012 min
Delta R.T.: 0.013 min
Response: 4273491
Conc: 1.04 ng/ml



#2 alpha-BHC

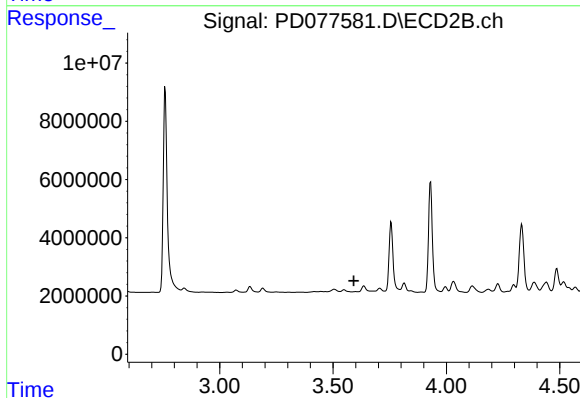
R.T.: 0.000 min
Exp R.T. : 3.262 min
Response: 0
Conc: N.D.



#3 gamma-BHC (Lindane)

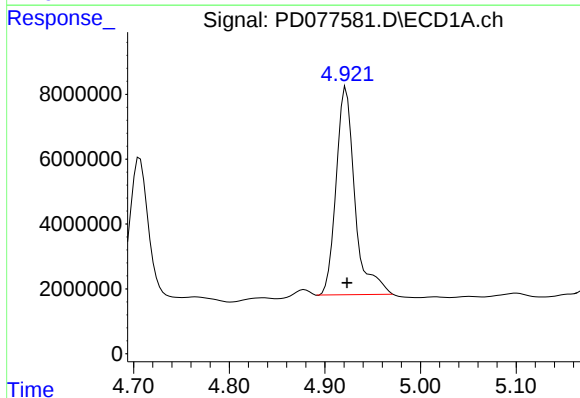
R.T.: 4.355 min
Delta R.T.: 0.022 min
Response: 1832776
Conc: 0.46 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



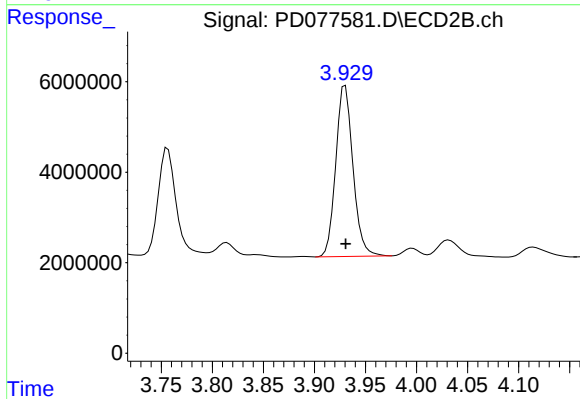
#3 gamma-BHC (Lindane)

R.T.: 0.000 min
Exp R.T. : 3.592 min
Response: 0
Conc: N.D.



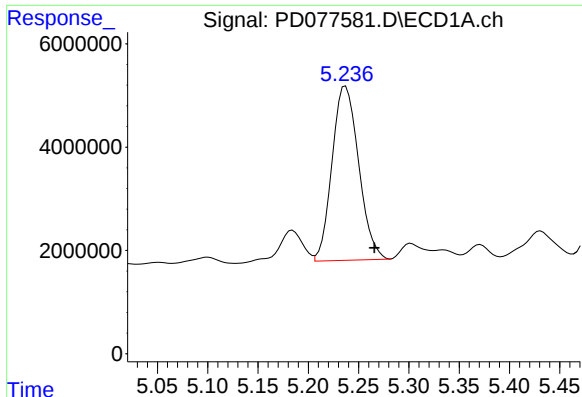
#4 Heptachlor

R.T.: 4.922 min
Delta R.T.: -0.001 min
Response: 87351586
Conc: 22.30 ng/ml



#4 Heptachlor

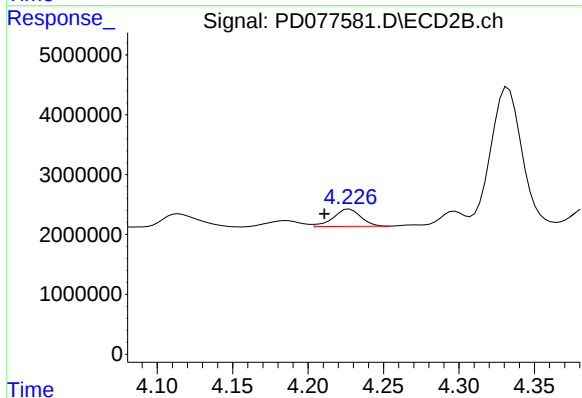
R.T.: 3.930 min
Delta R.T.: 0.000 min
Response: 44327139
Conc: 19.71 ng/ml



#5 Aldrin

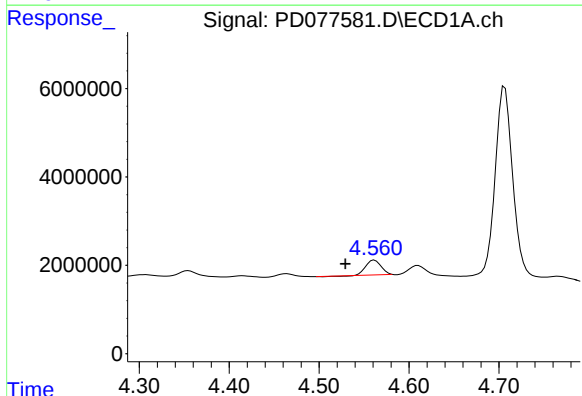
R.T.: 5.237 min
Delta R.T.: -0.029 min
Response: 61954965
Conc: 15.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



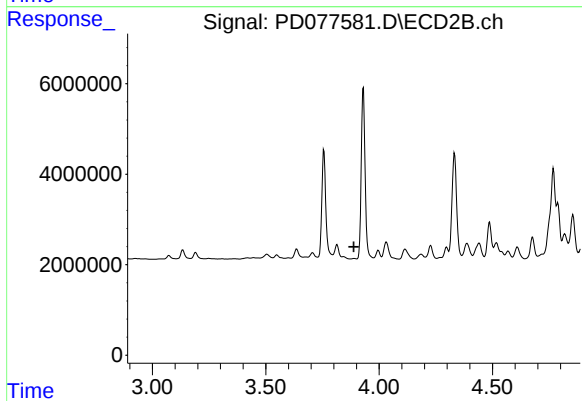
#5 Aldrin

R.T.: 4.228 min
Delta R.T.: 0.017 min
Response: 3653971
Conc: 1.60 ng/ml



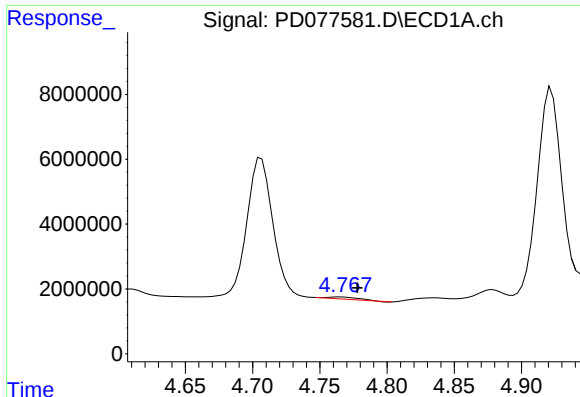
#6 beta-BHC

R.T.: 4.561 min
Delta R.T.: 0.032 min
Response: 3926621
Conc: 2.43 ng/ml



#6 beta-BHC

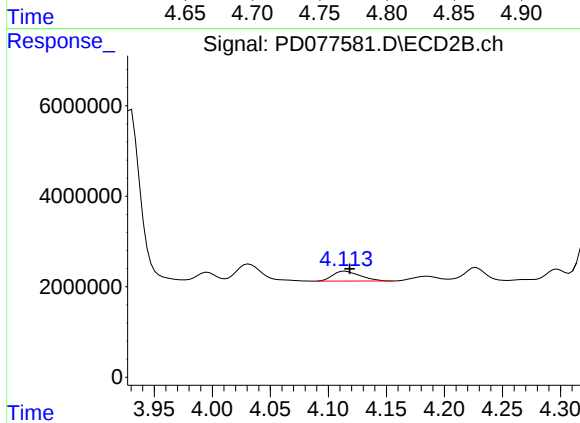
R.T.: 0.000 min
Exp R.T. : 3.889 min
Response: 0
Conc: N.D.



#7 delta-BHC

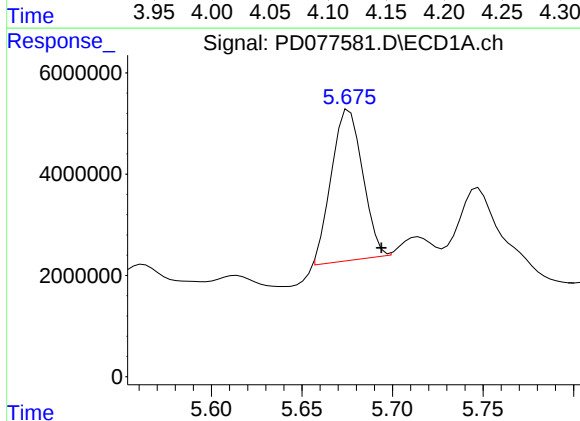
R.T.: 4.766 min
Delta R.T.: -0.012 min
Response: 801727
Conc: 0.22 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



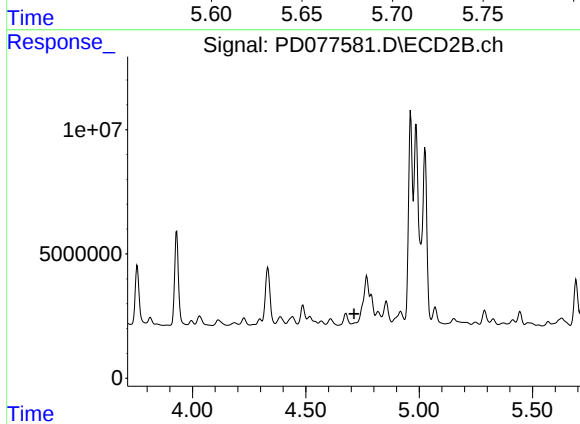
#7 delta-BHC

R.T.: 4.114 min
Delta R.T.: -0.004 min
Response: 3574704
Conc: 1.65 ng/ml



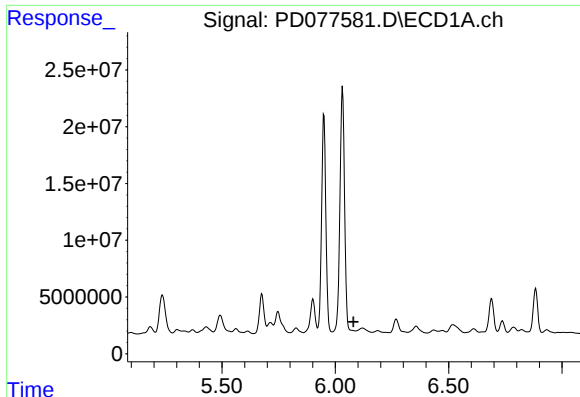
#8 Heptachlor epoxide

R.T.: 5.676 min
Delta R.T.: -0.018 min
Response: 35717682
Conc: 9.99 ng/ml



#8 Heptachlor epoxide

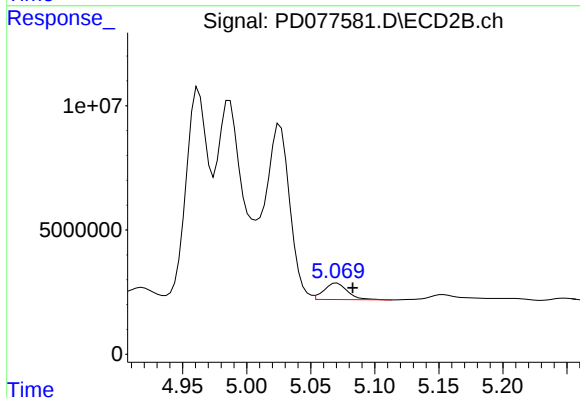
R.T.: 0.000 min
Exp R.T. : 4.713 min
Response: 0
Conc: N.D.



#9 Endosulfan I

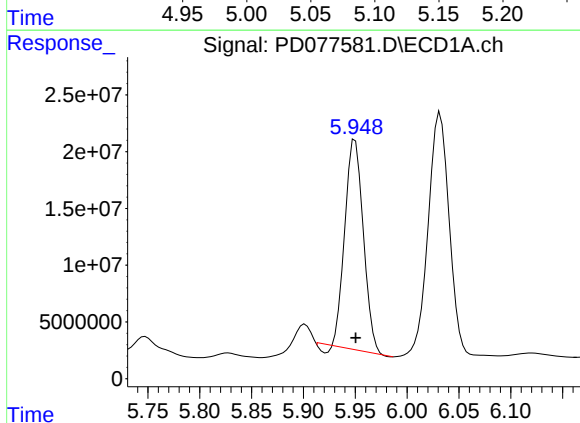
R.T.: 0.000 min
Exp R.T.: 6.080 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



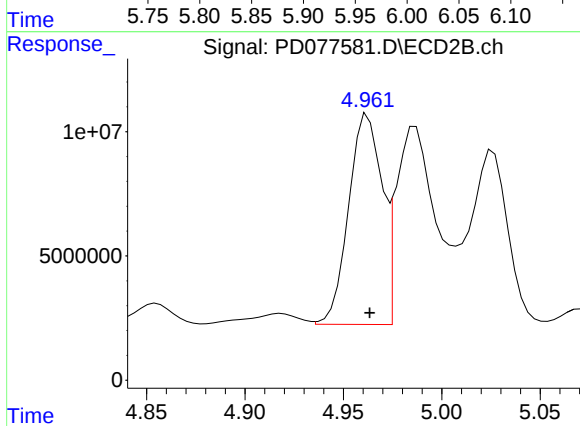
#9 Endosulfan I

R.T.: 5.071 min
Delta R.T.: -0.012 min
Response: 8419968
Conc: 4.50 ng/ml



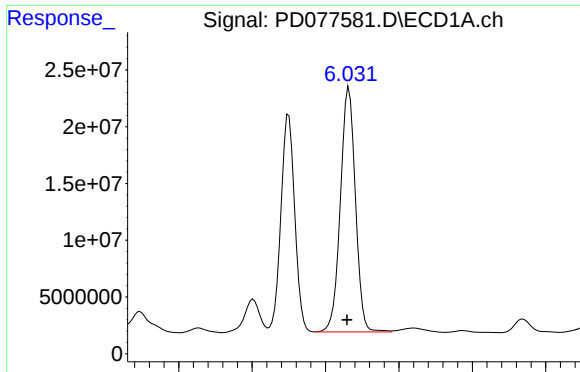
#10 gamma-Chlordane

R.T.: 5.950 min
Delta R.T.: 0.000 min
Response: 227022292
Conc: 64.49 ng/ml



#10 gamma-Chlordane

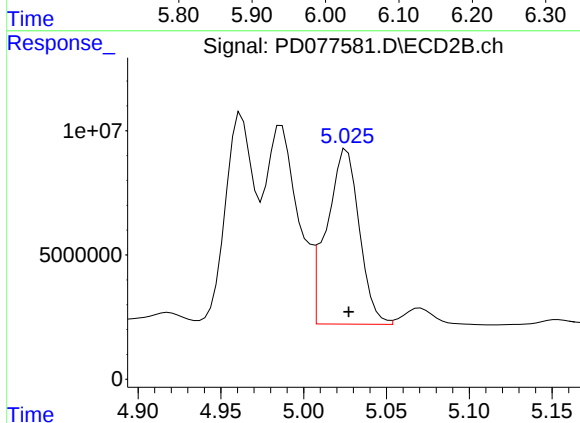
R.T.: 4.963 min
Delta R.T.: 0.000 min
Response: 99354442
Conc: 49.43 ng/ml



#11 alpha-Chlordane

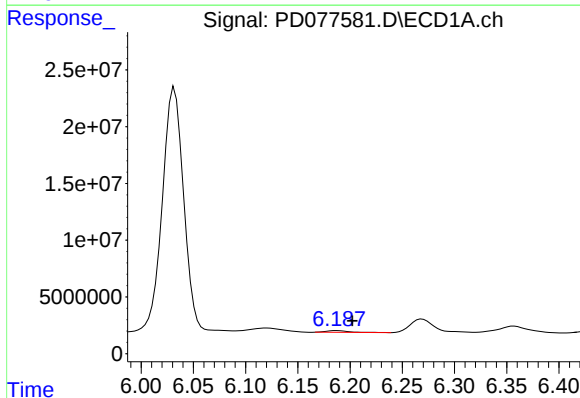
R.T.: 6.032 min
Delta R.T.: 0.002 min
Response: 307083485
Conc: 86.30 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



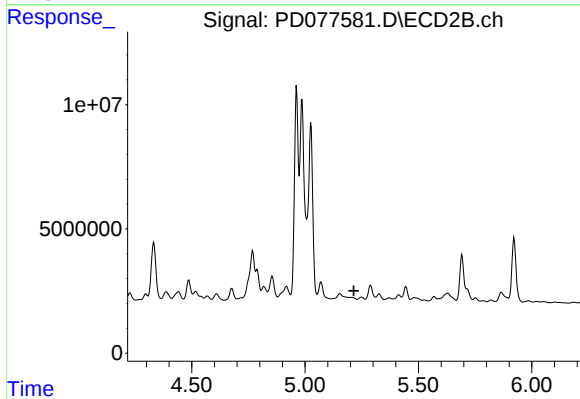
#11 alpha-Chlordane

R.T.: 5.026 min
Delta R.T.: -0.001 min
Response: 96245334
Conc: 47.77 ng/ml



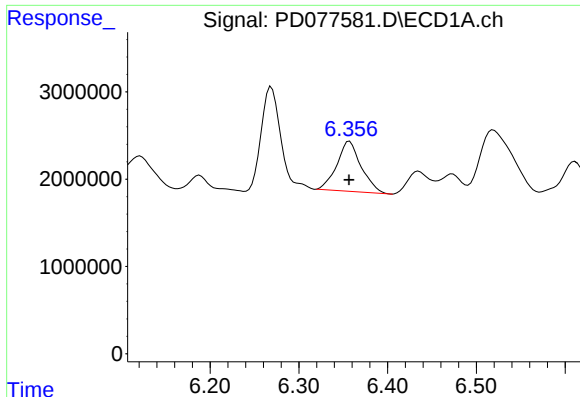
#12 4,4'-DDE

R.T.: 6.188 min
Delta R.T.: -0.014 min
Response: 2255070
Conc: 0.70 ng/ml



#12 4,4'-DDE

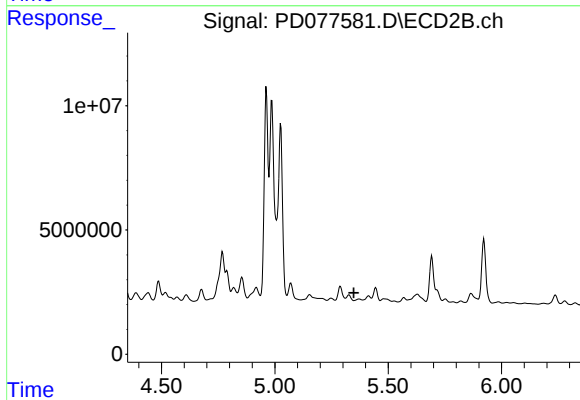
R.T.: 0.000 min
Exp R.T. : 5.215 min
Response: 0
Conc: N.D.



#13 Dieldrin

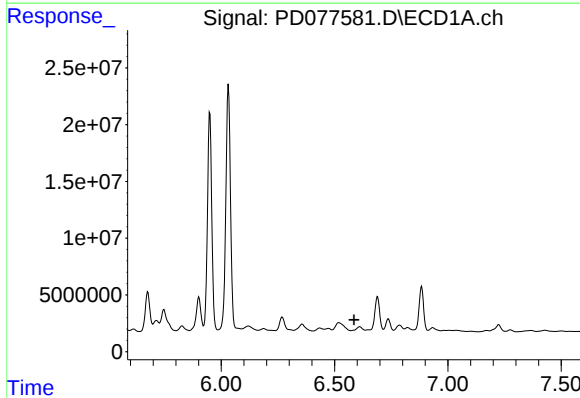
R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 10919187
Conc: 3.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



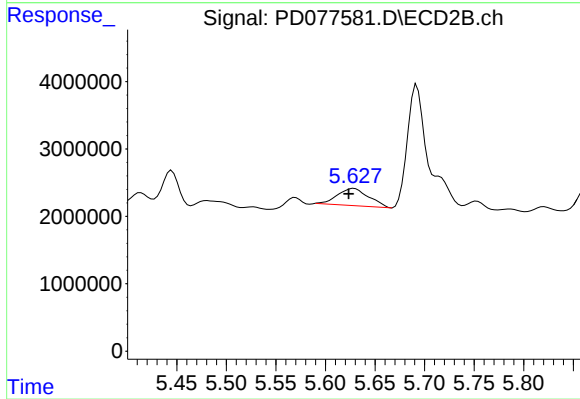
#13 Dieldrin

R.T.: 5.372 min
Delta R.T.: 0.024 min
Response: -890261
Conc: N.D.



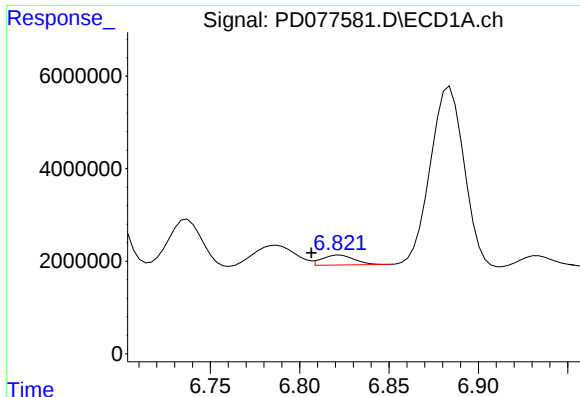
#14 Endrin

R.T.: 6.611 min
Delta R.T.: 0.024 min
Response: -37100
Conc: N.D.



#14 Endrin

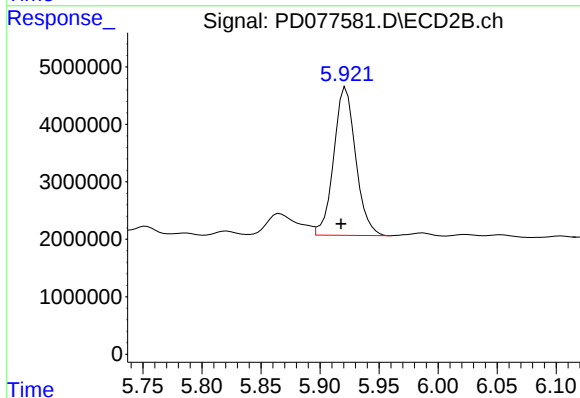
R.T.: 5.629 min
Delta R.T.: 0.005 min
Response: 5564280
Conc: 3.07 ng/ml



#15 Endosulfan II

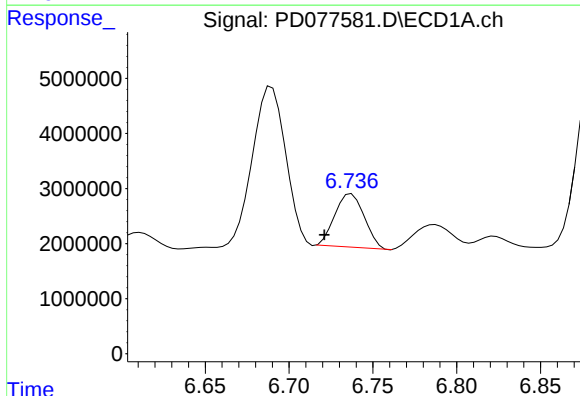
R.T.: 6.823 min
Delta R.T.: 0.016 min
Response: 1018344
Conc: 0.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



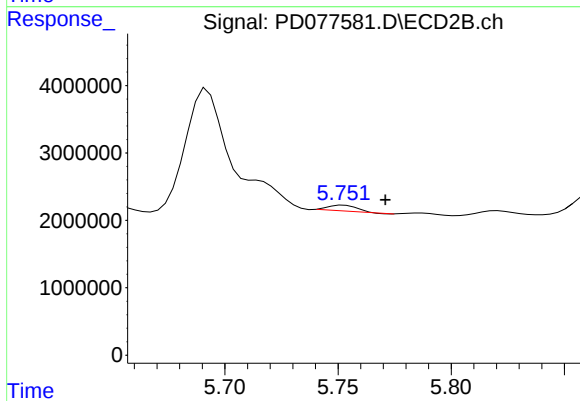
#15 Endosulfan II

R.T.: 5.922 min
Delta R.T.: 0.004 min
Response: 33382456
Conc: 19.51 ng/ml



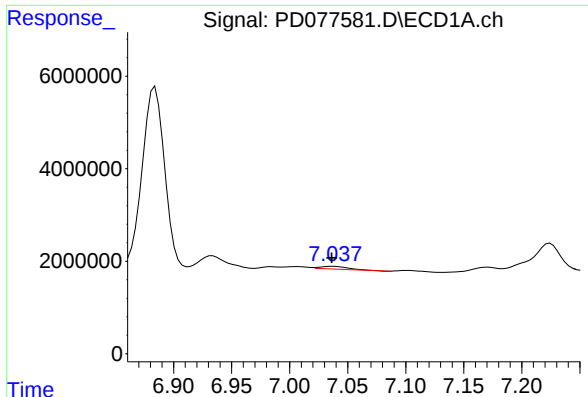
#16 4,4'-DDD

R.T.: 6.737 min
Delta R.T.: 0.016 min
Response: 11809301
Conc: 4.61 ng/ml



#16 4,4'-DDD

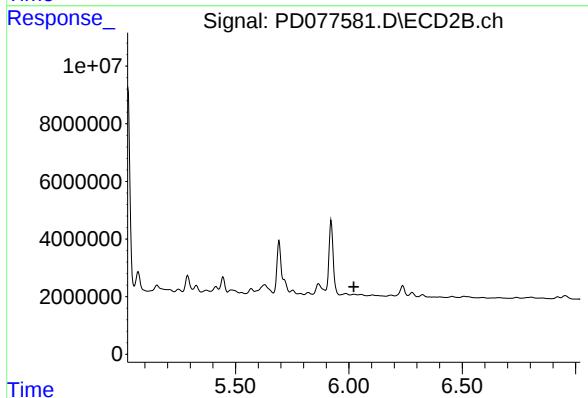
R.T.: 5.753 min
Delta R.T.: -0.018 min
Response: 760699
Conc: 0.54 ng/ml



#17 4,4'-DDT

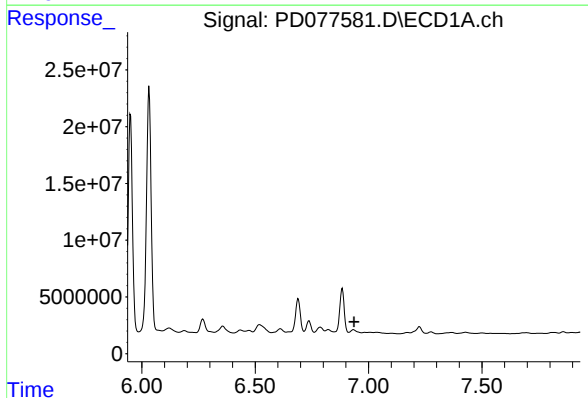
R.T.: 7.038 min
Delta R.T.: 0.001 min
Response: 921488
Conc: 0.35 ng/ml

Instrument :
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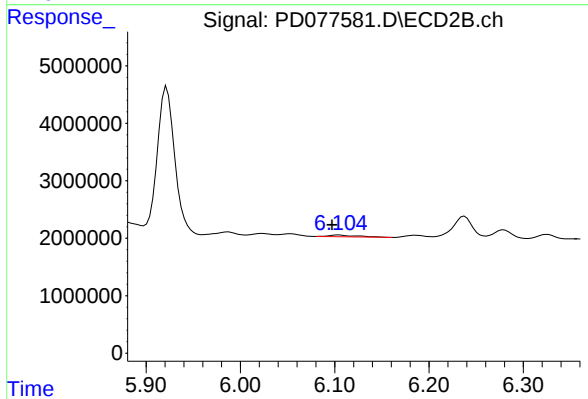
#17 4,4'-DDT

R.T.: 6.023 min
Delta R.T.: 0.002 min
Response: -315634
Conc: N.D.



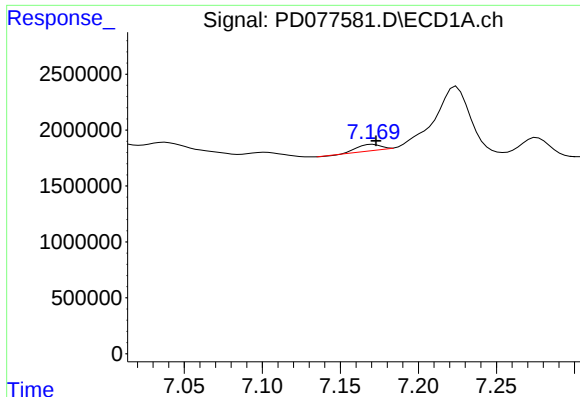
#18 Endrin aldehyde

R.T.: 6.933 min
Delta R.T.: -0.003 min
Response: -16001570
Conc: N.D.



#18 Endrin aldehyde

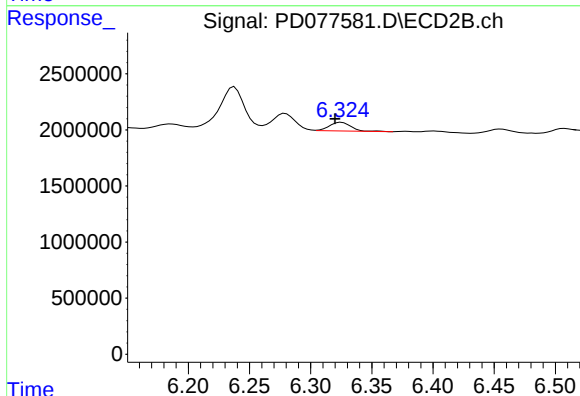
R.T.: 6.104 min
Delta R.T.: 0.007 min
Response: 542705
Conc: 0.40 ng/ml



#19 Endosulfan Sulfate

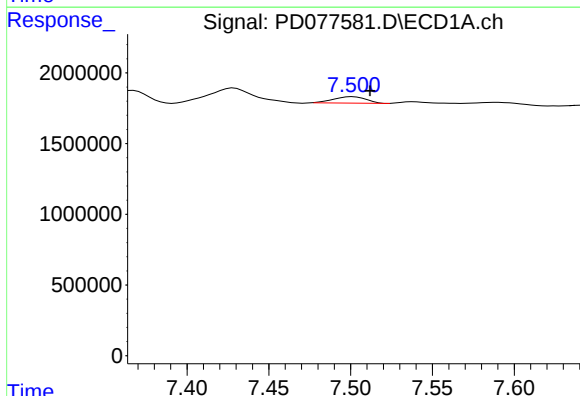
R.T.: 7.171 min
Delta R.T.: -0.002 min
Response: 558895
Conc: 0.20 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



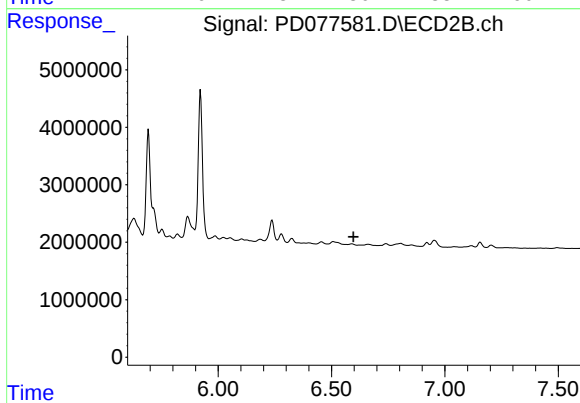
#19 Endosulfan Sulfate

R.T.: 6.325 min
Delta R.T.: 0.005 min
Response: 968008
Conc: 0.60 ng/ml



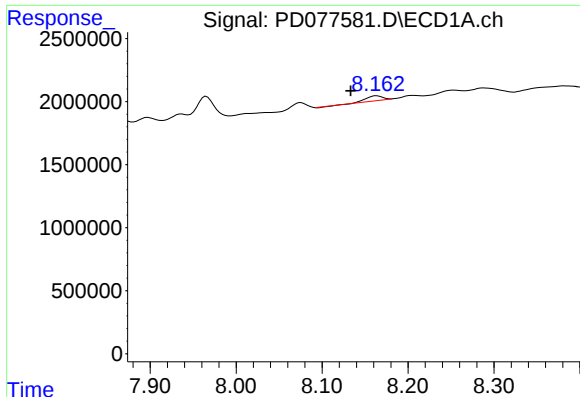
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: -0.011 min
Response: 630513
Conc: 0.41 ng/ml



#20 Methoxychlor

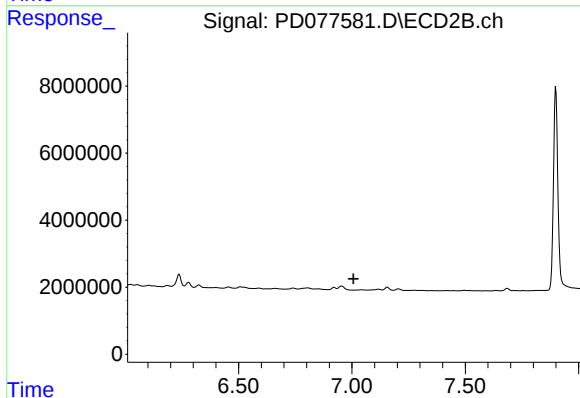
R.T.: 0.000 min
Exp R.T. : 6.597 min
Response: 0
Conc: N.D.



#22 Mirex

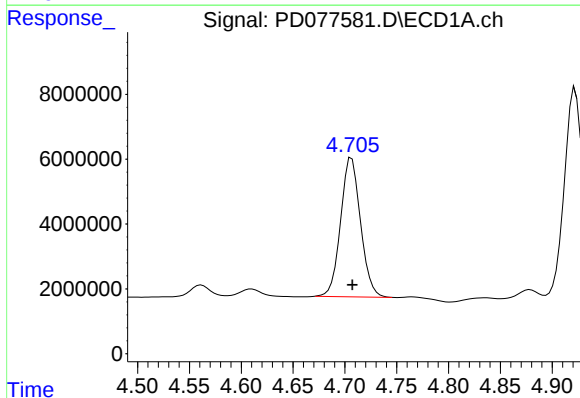
R.T.: 8.163 min
Delta R.T.: 0.030 min
Response: 453845
Conc: 0.19 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



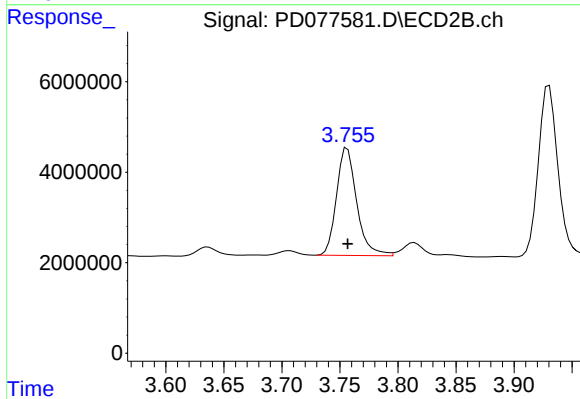
#22 Mirex

R.T.: 0.000 min
Exp R.T. : 7.008 min
Response: 0
Conc: N.D.



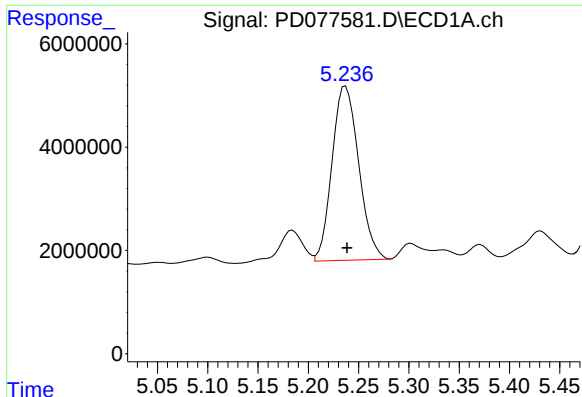
#23 Chlordane-1

R.T.: 4.706 min
Delta R.T.: 0.000 min
Response: 57276928
Conc: 490.01 ng/ml



#23 Chlordane-1

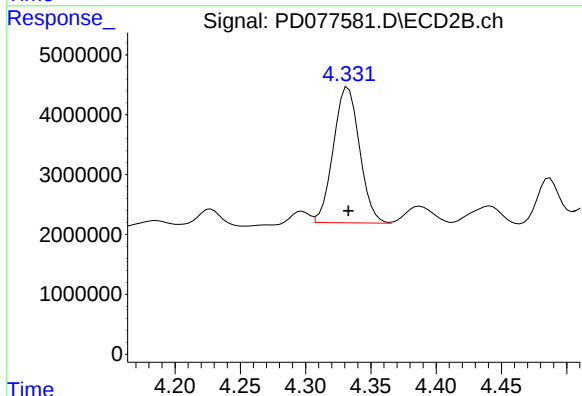
R.T.: 3.756 min
Delta R.T.: 0.000 min
Response: 28845287
Conc: 506.53 ng/ml



#24 Chlordane-2

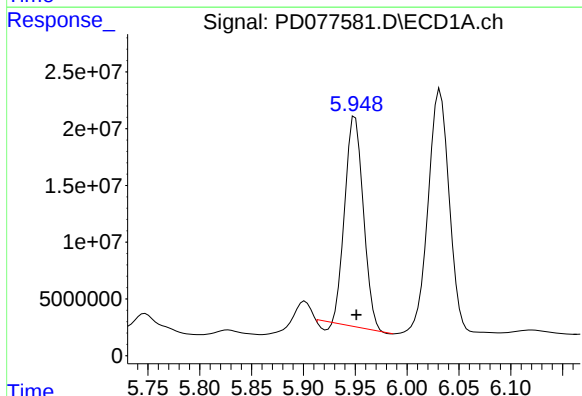
R.T.: 5.237 min
Delta R.T.: -0.002 min
Response: 61954965
Conc: 485.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



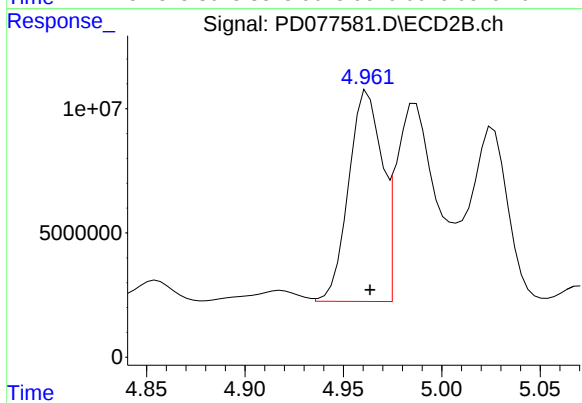
#24 Chlordane-2

R.T.: 4.333 min
Delta R.T.: 0.000 min
Response: 31577286
Conc: 495.79 ng/ml



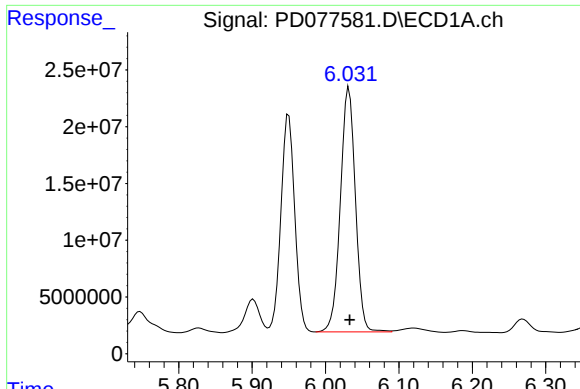
#25 Chlordane-3

R.T.: 5.950 min
Delta R.T.: -0.001 min
Response: 227022292
Conc: 451.89 ng/ml



#25 Chlordane-3

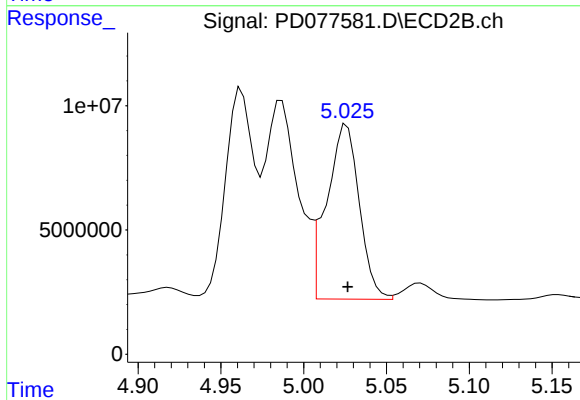
R.T.: 4.963 min
Delta R.T.: -0.001 min
Response: 99354442
Conc: 506.39 ng/ml



#26 Chlordane-4

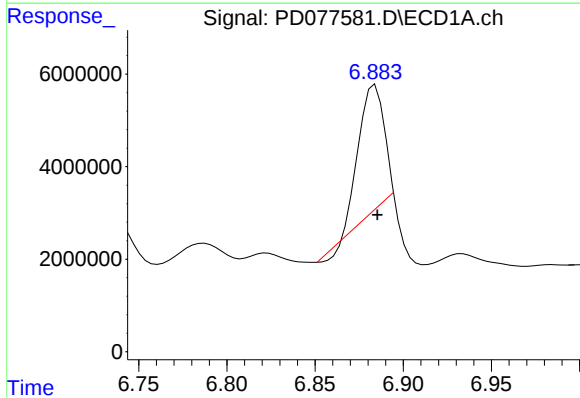
R.T.: 6.032 min
Delta R.T.: -0.001 min
Response: 307083485
Conc: 498.51 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



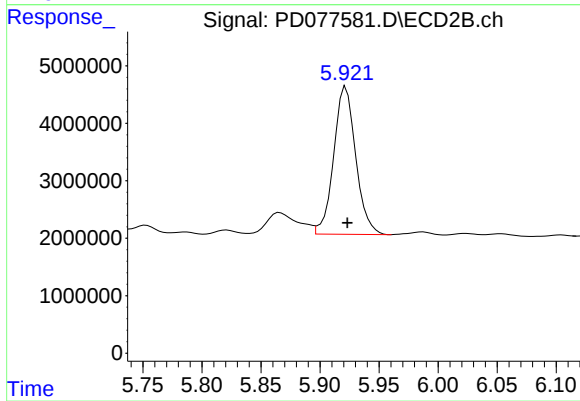
#26 Chlordane-4

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 96245334
Conc: 508.64 ng/ml



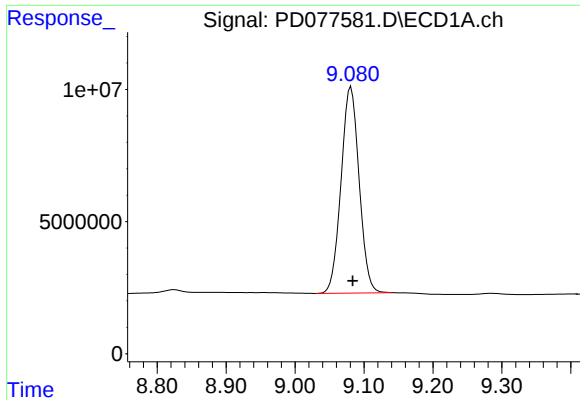
#27 Chlordane-5

R.T.: 6.884 min
Delta R.T.: -0.001 min
Response: 27792218
Conc: 274.58 ng/ml



#27 Chlordane-5

R.T.: 5.922 min
Delta R.T.: -0.001 min
Response: 33382456
Conc: 518.86 ng/ml



#28 Decachlorobiphenyl

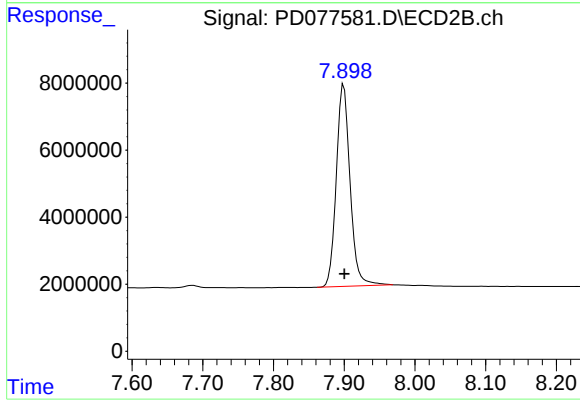
R.T.: 9.081 min

Delta R.T.: -0.003 min

Response: 142045720

Conc: 46.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
ICVPD090323CHLOR



#28 Decachlorobiphenyl

R.T.: 7.899 min

Delta R.T.: 0.000 min

Response: 81749132

Conc: 47.37 ng/ml