

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
 Data File : PD081083.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 05 Feb 2024 19:15
 Operator : AR\AJ
 Sample : P1345-01MSD
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 TT-278-IDWSO-20240201-1MSD

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 05 21:17:31 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 11:14:56 2024
 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...	3.574	2.793	24623998	46661265	17.346	19.506
28)	SA Decachlor...	9.124f	7.935	29310414	42064277	14.565	15.792
Target Compounds							
2)	A alpha-BHC	4.031	3.295	107.5E6	187.8E6	43.279	48.934
3)	MA gamma-BHC...	4.365	3.625	101.8E6	176.8E6	41.606	47.288
4)	MA Heptachlor	4.958	3.966	110.4E6	169.8E6	44.780	49.247
5)	MB Aldrin	5.302	4.246	105.7E6	166.1E6	43.069	45.617
6)	B beta-BHC	4.559	3.920	48325711	75600981	47.760	48.382
7)	B delta-BHC	4.809	4.151	104.6E6	175.6E6	41.689	46.795
8)	B Heptachlo...	5.728	4.748	94975598	154.1E6	42.415	46.009
9)	A Endosulfan I	6.114	5.118	94022595	144.4E6	45.333	47.163
10)	B gamma-Chl...	5.984	4.998	100.2E6	158.2E6	45.764	48.377
11)	B alpha-Chl...	6.063	5.063	99243425	157.6E6	45.579	48.194
12)	B 4,4'-DDE	6.235	5.251	94131898	150.1E6	46.259	49.005
13)	MA Dieldrin	6.390	5.383	100.8E6	162.4E6	45.634	47.742
14)	MA Endrin	6.620	5.658	83219847	148.4E6	44.556	50.079
15)	B Endosulfa...	6.838	5.951	90141188	140.0E6	46.550	48.690
16)	A 4,4'-DDD	6.752	5.806	78149627	125.9E6	47.562	47.969
17)	MA 4,4'-DDT	7.067	6.057	85720671	130.1E6	48.134	49.056
18)	B Endrin al...	6.968	6.131	69741577	107.1E6	45.848	47.487
19)	B Endosulfa...	7.203	6.354	88446018	135.2E6	46.581	48.485
20)	A Methoxychlor	7.541	6.632	46690066	71586562	45.362	45.735
21)	B Endrin ke...	7.689	6.860	101.4E6	155.8E6	48.469	48.293
22)	Mirex	8.165	7.043	72967777	115.4E6	44.239	45.776
23)	Chlordane-1	0.000	3.806	0	8088240	N.D.	79.535 #
24)	Chlordane-2	5.238f	4.383	236611	1044909	2.858	8.525 #
25)	Chlordane-3	5.984	4.998	100.2E6	158.2E6	317.242	471.499 #
26)	Chlordane-4	6.063	5.063	99243425	157.6E6	260.656	495.986 #
27)	Chlordane-5	0.000	5.951	0	140.0E6	N.D.	1154.943 #

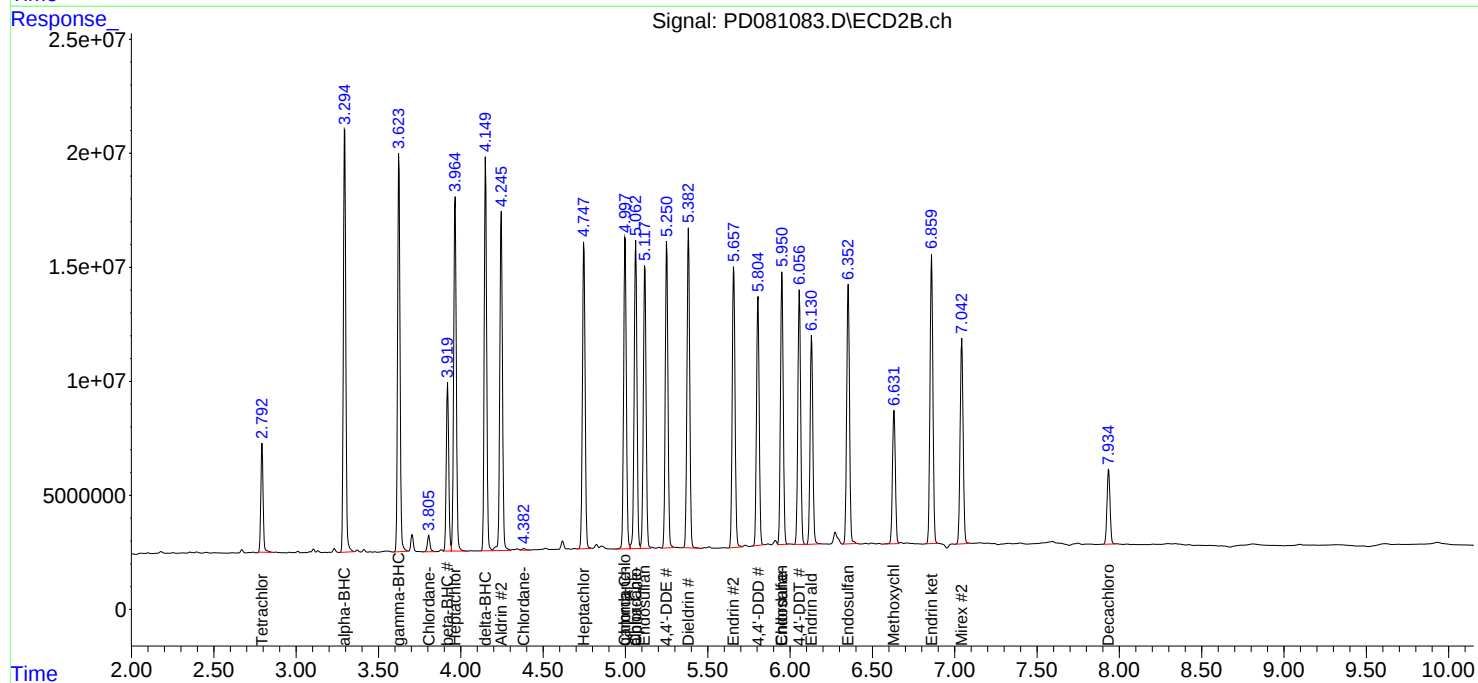
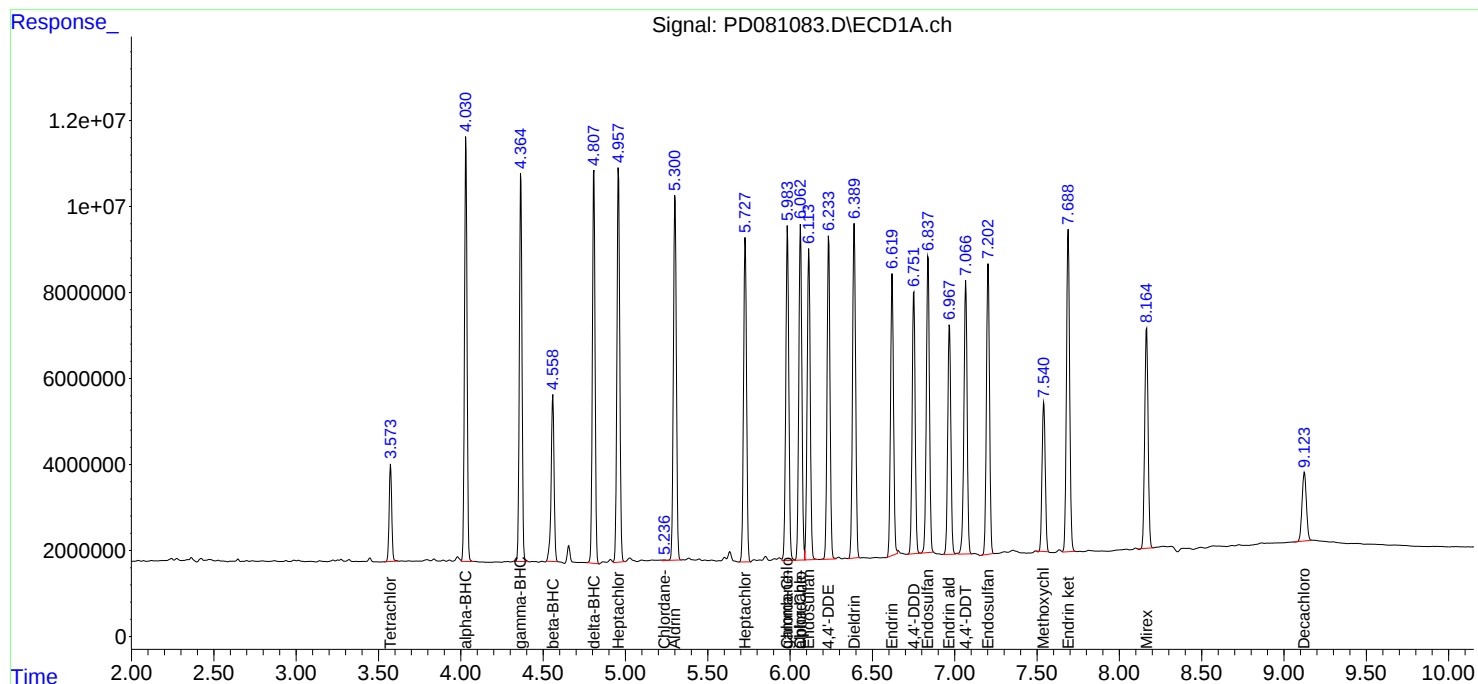
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

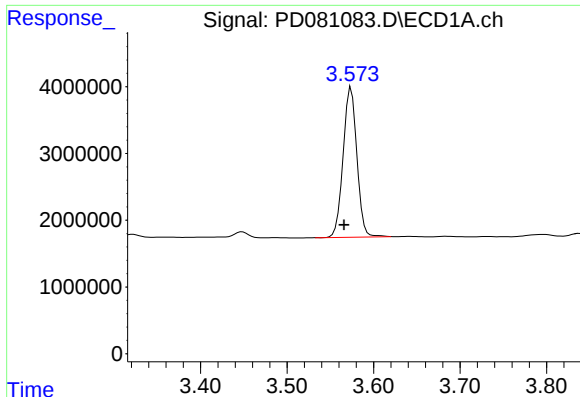
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020524\
Data File : PD081083.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 05 Feb 2024 19:15
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Integration File signal 1: autoint1.e
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Quant Time: Feb 05 21:17:31 2024
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x 0.25µm

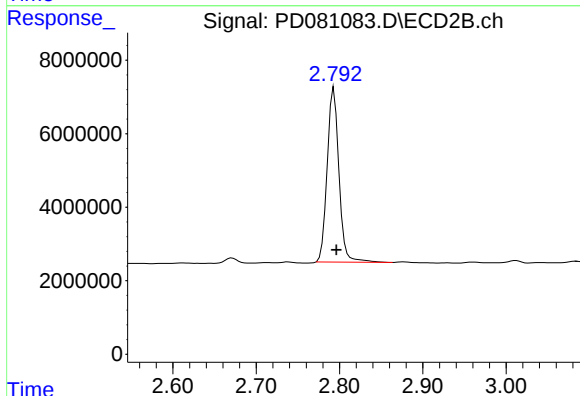




#1 Tetrachloro-m-xylene

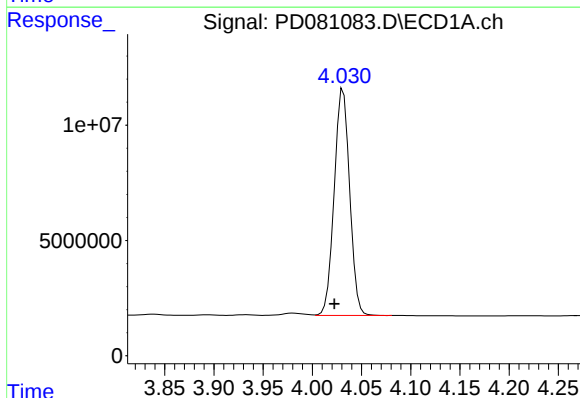
R.T.: 3.574 min
Delta R.T.: 0.008 min
Response: 24623998
Conc: 17.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



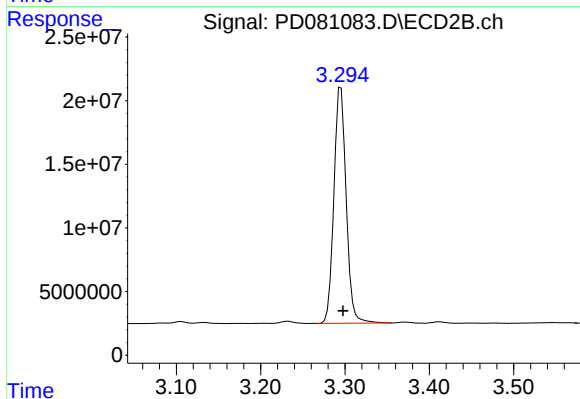
#1 Tetrachloro-m-xylene

R.T.: 2.793 min
Delta R.T.: -0.003 min
Response: 46661265
Conc: 19.51 ng/ml



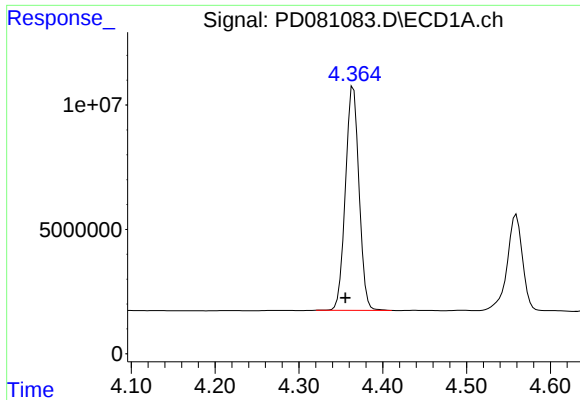
#2 alpha-BHC

R.T.: 4.031 min
Delta R.T.: 0.009 min
Response: 107498202
Conc: 43.28 ng/ml



#2 alpha-BHC

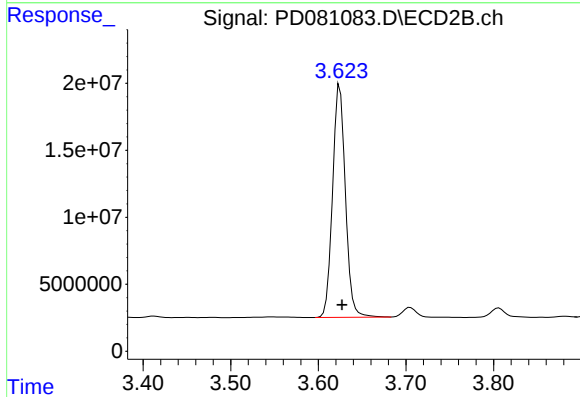
R.T.: 3.295 min
Delta R.T.: -0.003 min
Response: 187765094
Conc: 48.93 ng/ml



#3 gamma-BHC (Lindane)

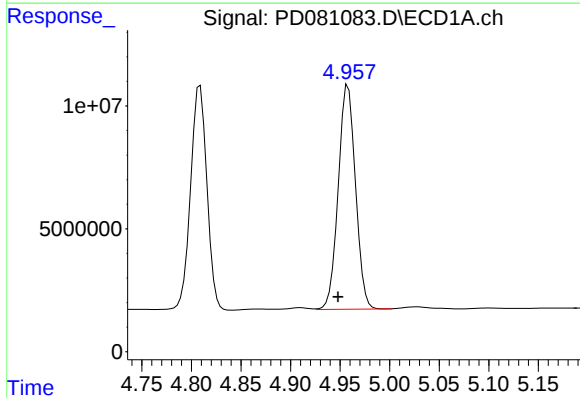
R.T.: 4.365 min
Delta R.T.: 0.010 min
Response: 101834554
Conc: 41.61 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



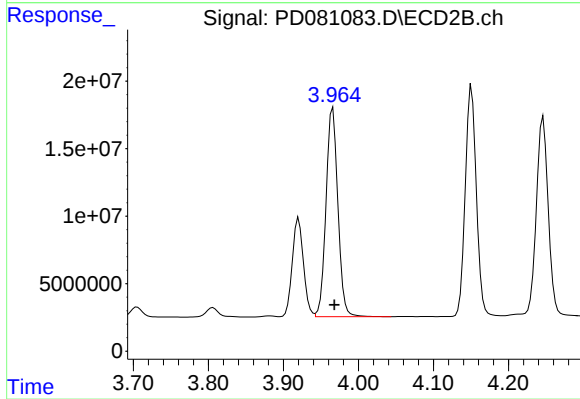
#3 gamma-BHC (Lindane)

R.T.: 3.625 min
Delta R.T.: -0.002 min
Response: 176805126
Conc: 47.29 ng/ml



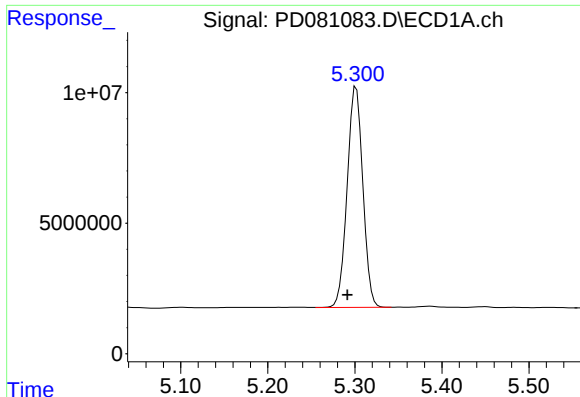
#4 Heptachlor

R.T.: 4.958 min
Delta R.T.: 0.010 min
Response: 110444841
Conc: 44.78 ng/ml



#4 Heptachlor

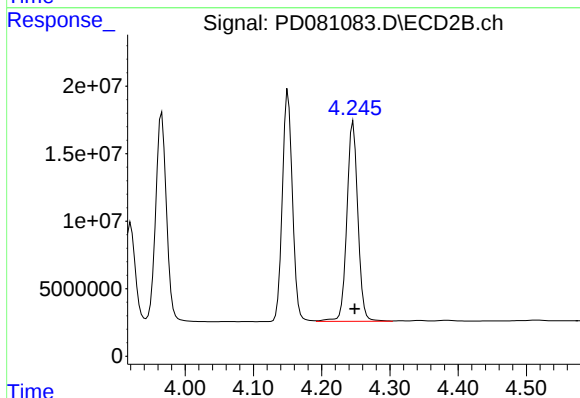
R.T.: 3.966 min
Delta R.T.: -0.002 min
Response: 169807811
Conc: 49.25 ng/ml



#5 Aldrin

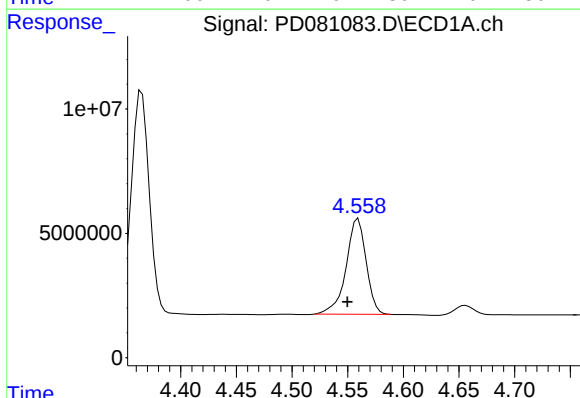
R.T.: 5.302 min
Delta R.T.: 0.010 min
Response: 105716889
Conc: 43.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



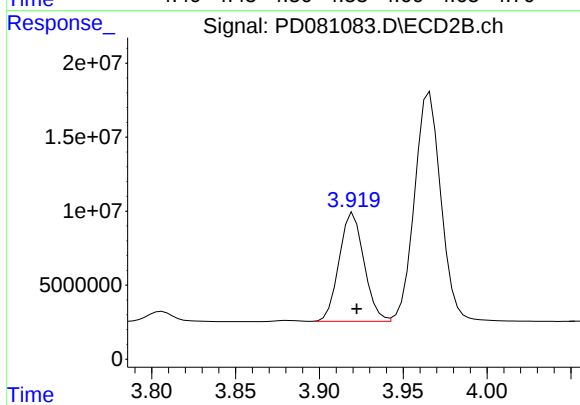
#5 Aldrin

R.T.: 4.246 min
Delta R.T.: -0.002 min
Response: 166137040
Conc: 45.62 ng/ml



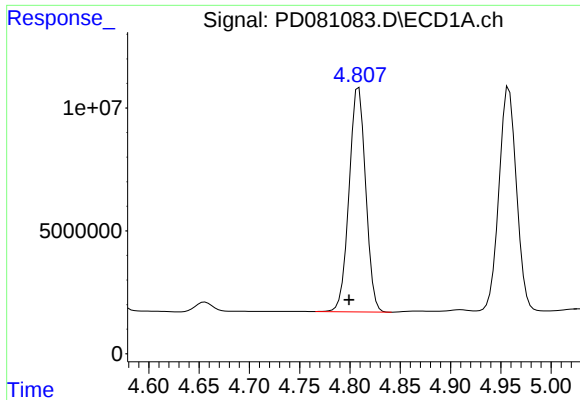
#6 beta-BHC

R.T.: 4.559 min
Delta R.T.: 0.010 min
Response: 48325711
Conc: 47.76 ng/ml



#6 beta-BHC

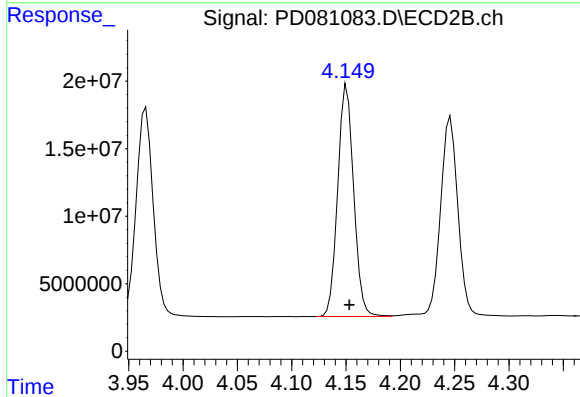
R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 75600981
Conc: 48.38 ng/ml



#7 delta-BHC

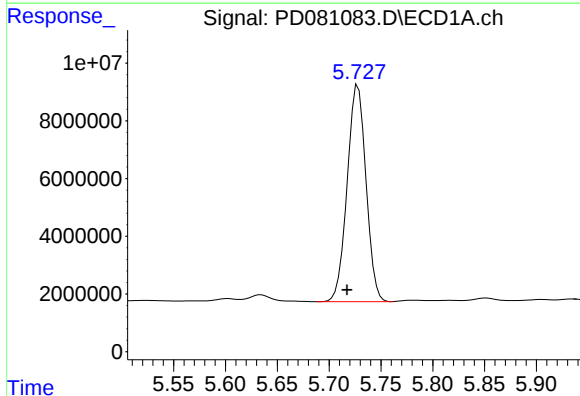
R.T.: 4.809 min
Delta R.T.: 0.010 min
Response: 104588056
Conc: 41.69 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



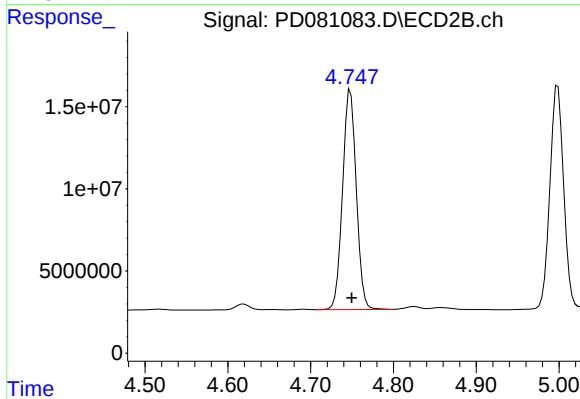
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.002 min
Response: 175623586
Conc: 46.80 ng/ml



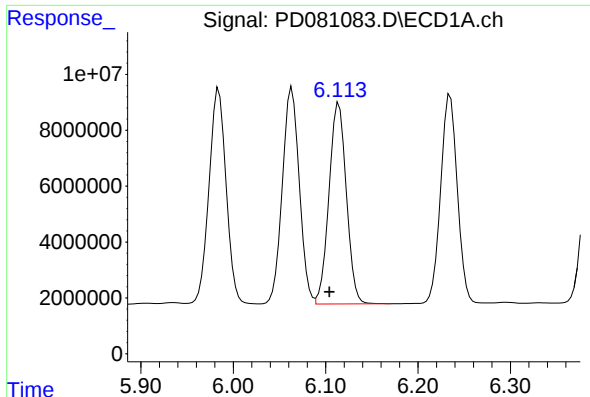
#8 Heptachlor epoxide

R.T.: 5.728 min
Delta R.T.: 0.011 min
Response: 94975598
Conc: 42.41 ng/ml



#8 Heptachlor epoxide

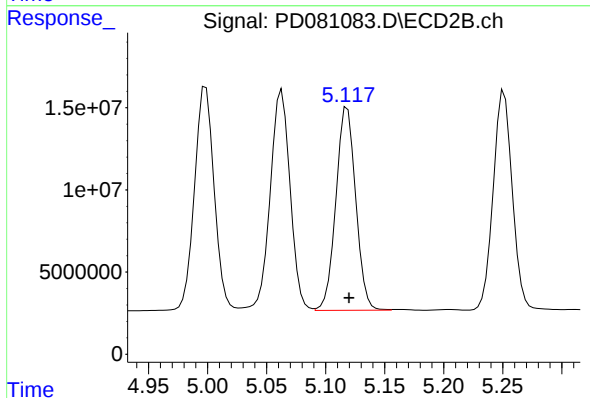
R.T.: 4.748 min
Delta R.T.: -0.002 min
Response: 154104976
Conc: 46.01 ng/ml



#9 Endosulfan I

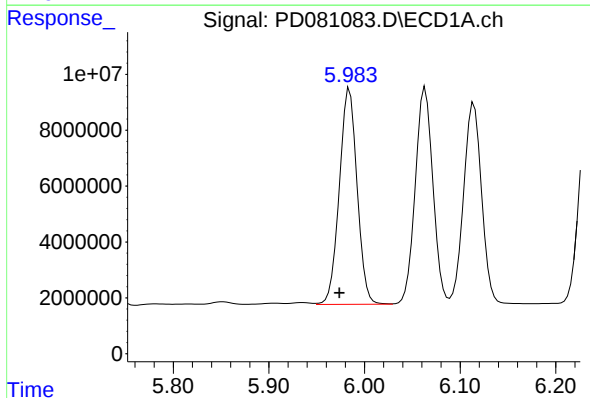
R.T.: 6.114 min
Delta R.T.: 0.010 min
Response: 94022595
Conc: 45.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



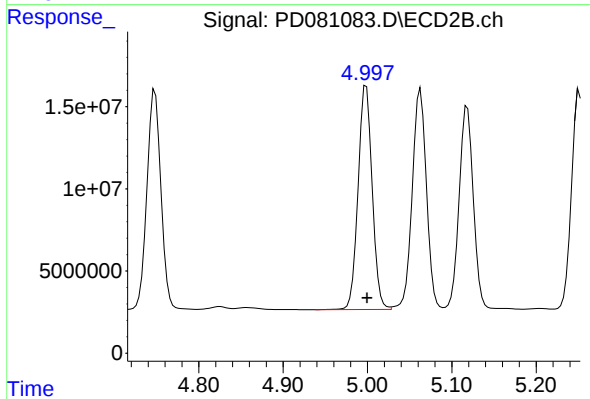
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 144449245
Conc: 47.16 ng/ml



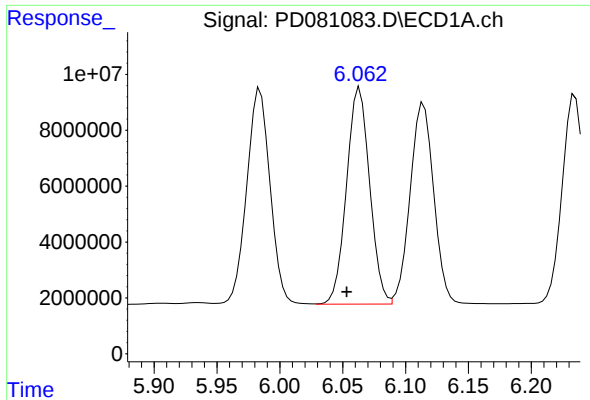
#10 gamma-Chlordane

R.T.: 5.984 min
Delta R.T.: 0.011 min
Response: 100183172
Conc: 45.76 ng/ml



#10 gamma-Chlordane

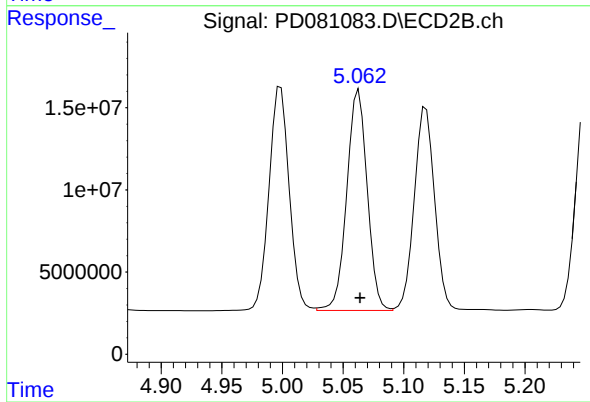
R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 158242622
Conc: 48.38 ng/ml



#11 alpha-Chlordane

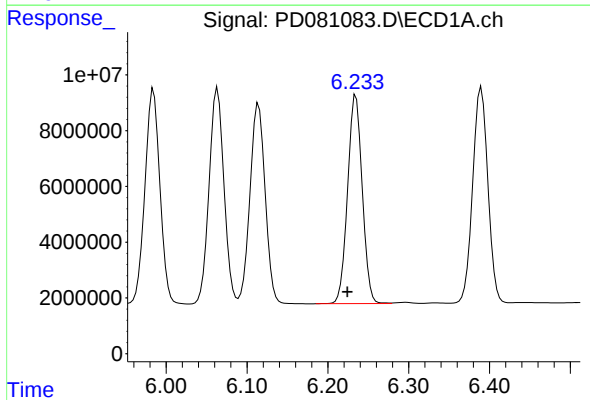
R.T.: 6.063 min
Delta R.T.: 0.010 min
Response: 99243425
Conc: 45.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



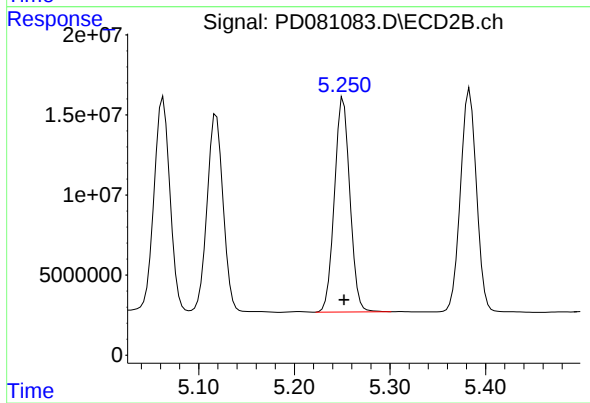
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 157572361
Conc: 48.19 ng/ml



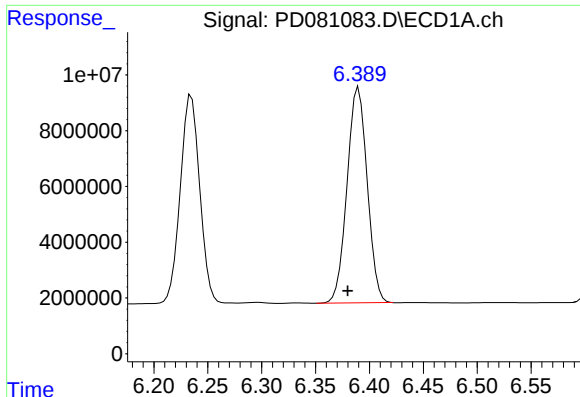
#12 4,4'-DDE

R.T.: 6.235 min
Delta R.T.: 0.011 min
Response: 94131898
Conc: 46.26 ng/ml



#12 4,4'-DDE

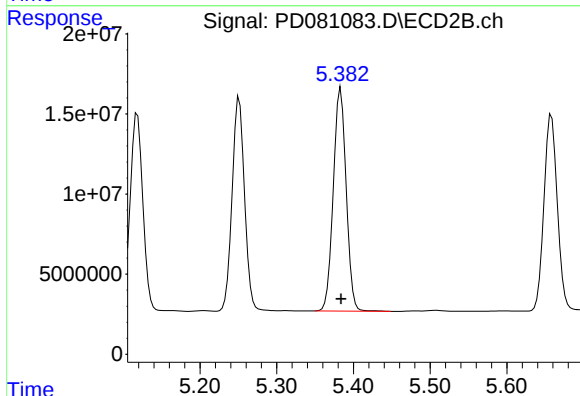
R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 150113247
Conc: 49.00 ng/ml



#13 Dieldrin

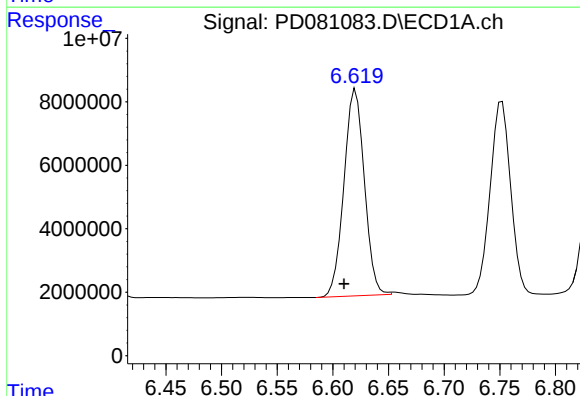
R.T.: 6.390 min
Delta R.T.: 0.010 min
Response: 100837440
Conc: 45.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



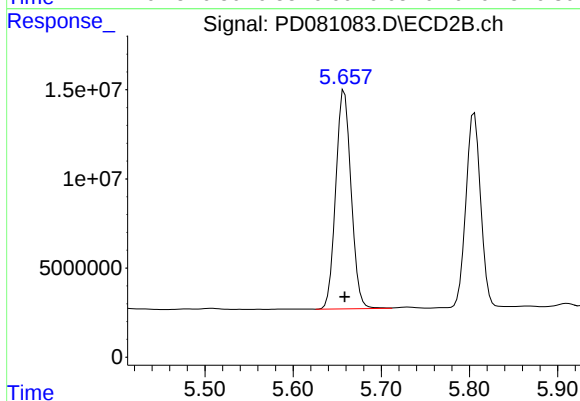
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 162360603
Conc: 47.74 ng/ml



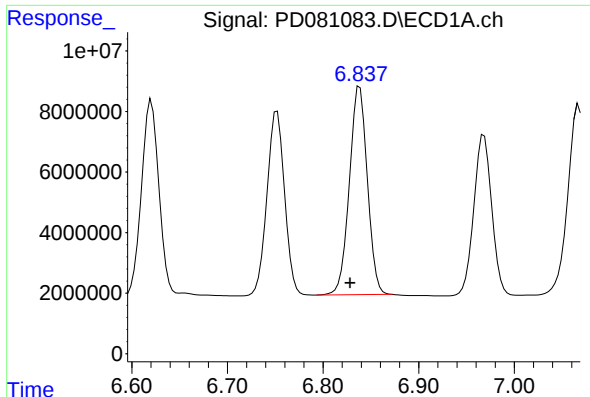
#14 Endrin

R.T.: 6.620 min
Delta R.T.: 0.010 min
Response: 83219847
Conc: 44.56 ng/ml



#14 Endrin

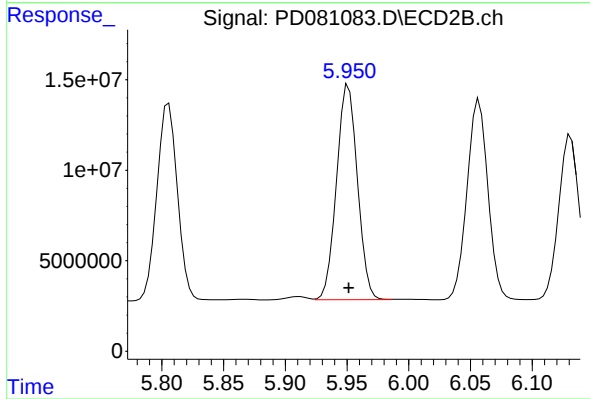
R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 148402530
Conc: 50.08 ng/ml



#15 Endosulfan II

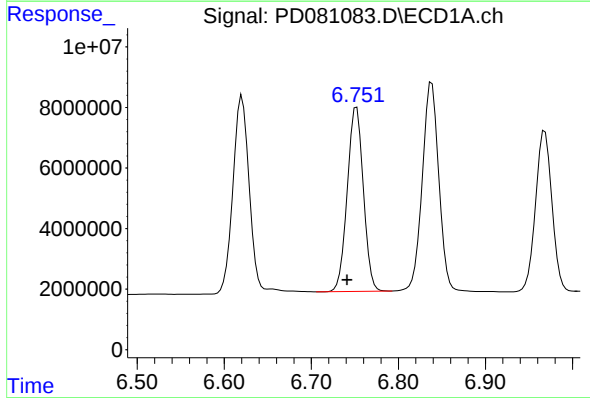
R.T.: 6.838 min
Delta R.T.: 0.010 min
Response: 90141188
Conc: 46.55 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



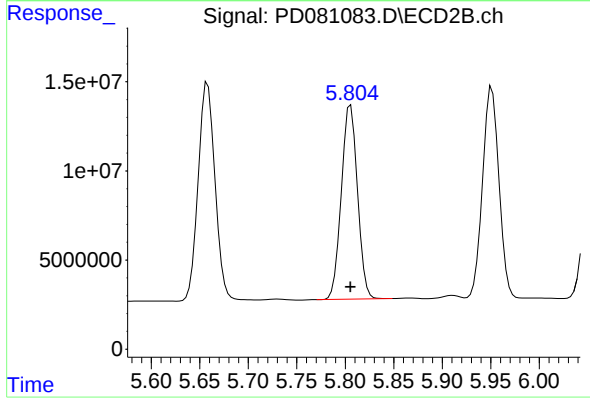
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 140027060
Conc: 48.69 ng/ml



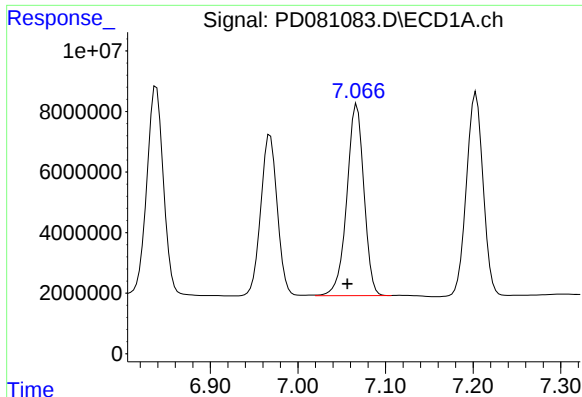
#16 4,4'-DDD

R.T.: 6.752 min
Delta R.T.: 0.011 min
Response: 78149627
Conc: 47.56 ng/ml



#16 4,4'-DDD

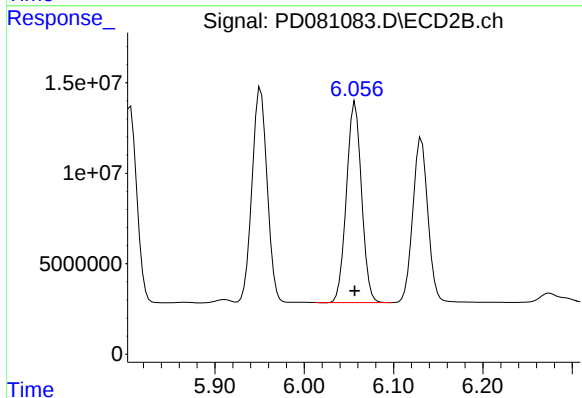
R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 125930683
Conc: 47.97 ng/ml



#17 4,4'-DDT

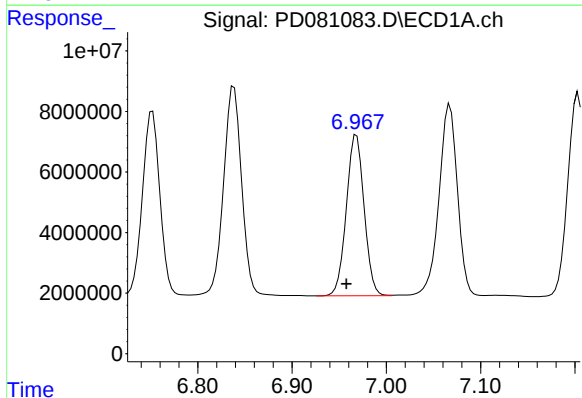
R.T.: 7.067 min
Delta R.T.: 0.011 min
Response: 85720671
Conc: 48.13 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



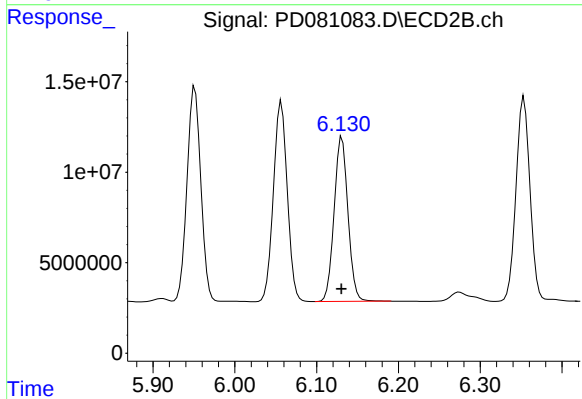
#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 130149212
Conc: 49.06 ng/ml



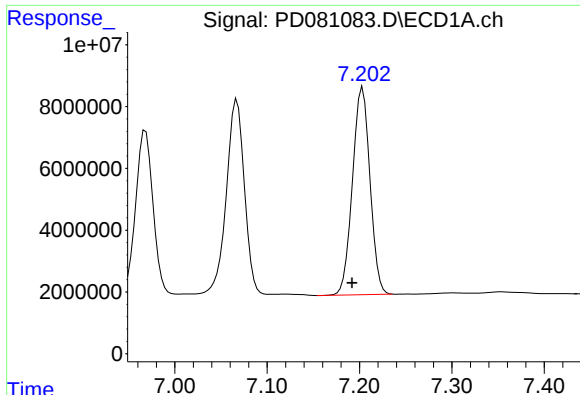
#18 Endrin aldehyde

R.T.: 6.968 min
Delta R.T.: 0.010 min
Response: 69741577
Conc: 45.85 ng/ml



#18 Endrin aldehyde

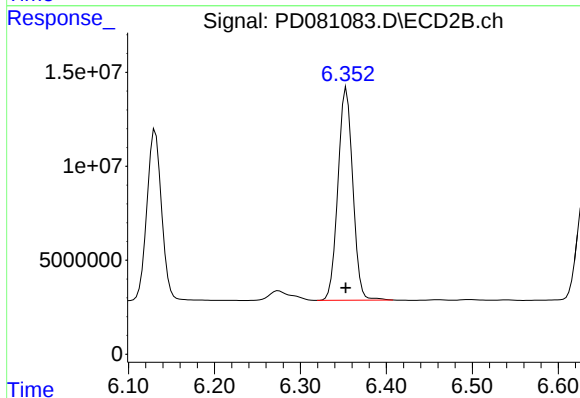
R.T.: 6.131 min
Delta R.T.: 0.000 min
Response: 107066499
Conc: 47.49 ng/ml



#19 Endosulfan Sulfate

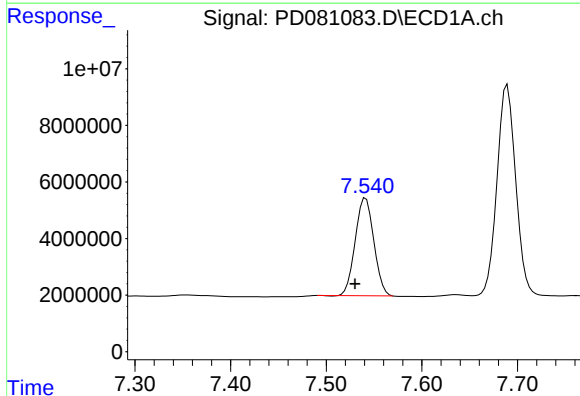
R.T.: 7.203 min
Delta R.T.: 0.011 min
Response: 88446018
Conc: 46.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



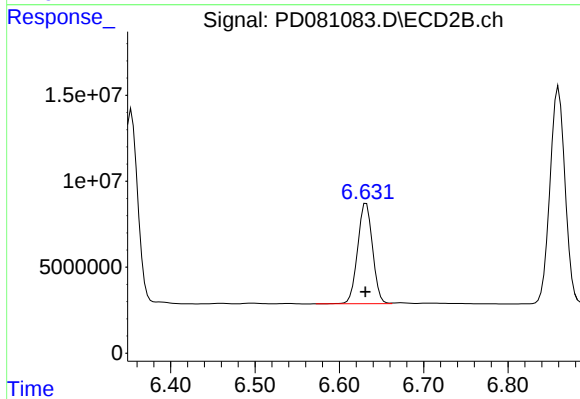
#19 Endosulfan Sulfate

R.T.: 6.354 min
Delta R.T.: 0.000 min
Response: 135244152
Conc: 48.49 ng/ml



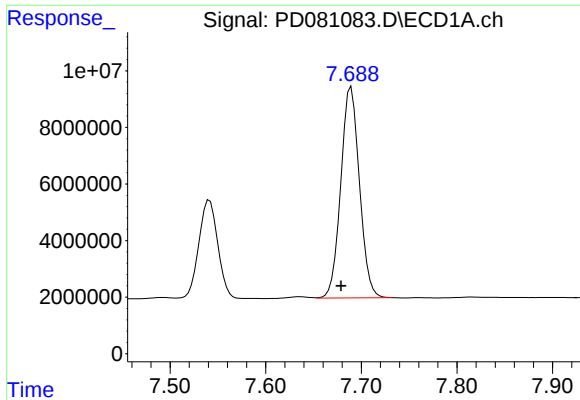
#20 Methoxychlor

R.T.: 7.541 min
Delta R.T.: 0.011 min
Response: 46690066
Conc: 45.36 ng/ml



#20 Methoxychlor

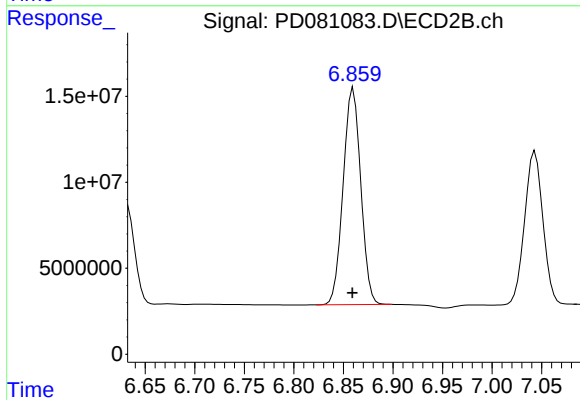
R.T.: 6.632 min
Delta R.T.: 0.001 min
Response: 71586562
Conc: 45.73 ng/ml



#21 Endrin ketone

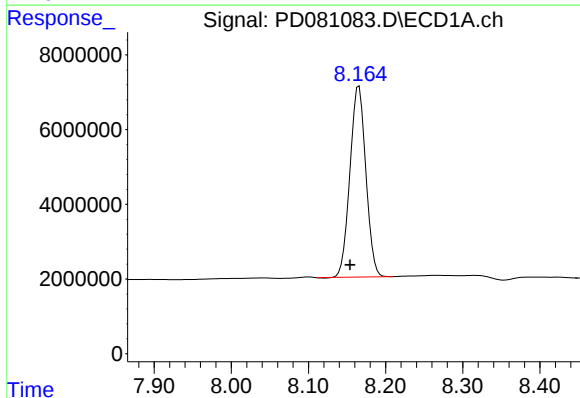
R.T.: 7.689 min
Delta R.T.: 0.011 min
Response: 101360034
Conc: 48.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



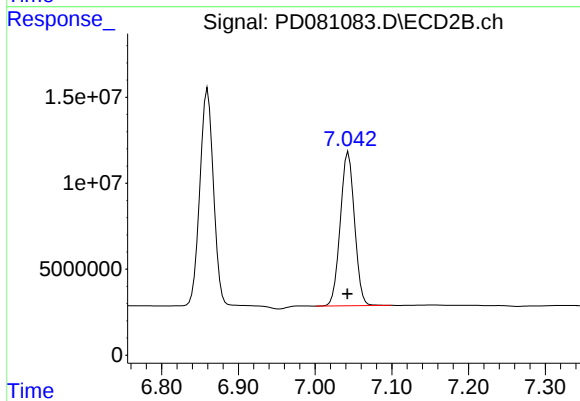
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.001 min
Response: 155840680
Conc: 48.29 ng/ml



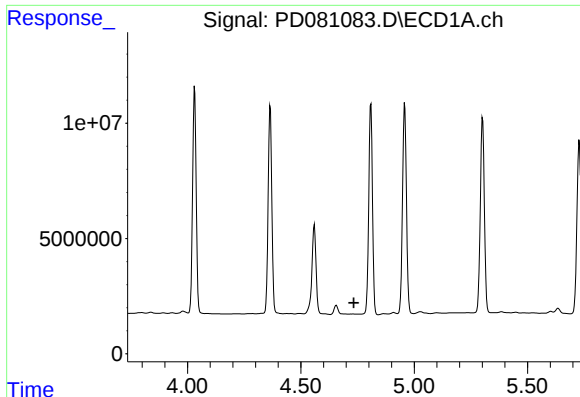
#22 Mirex

R.T.: 8.165 min
Delta R.T.: 0.011 min
Response: 72967777
Conc: 44.24 ng/ml



#22 Mirex

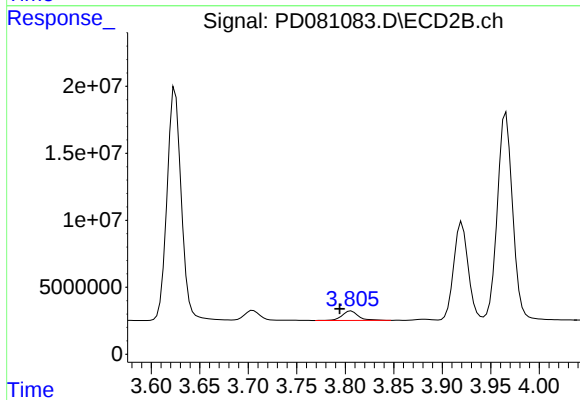
R.T.: 7.043 min
Delta R.T.: 0.001 min
Response: 115354204
Conc: 45.78 ng/ml



#23 Chlordane-1

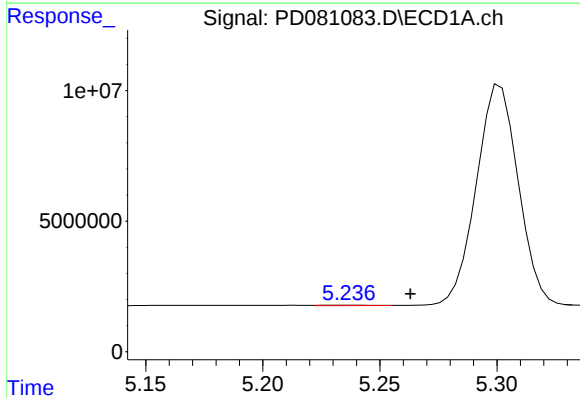
R.T.: 0.000 min
Exp R.T.: 4.733 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



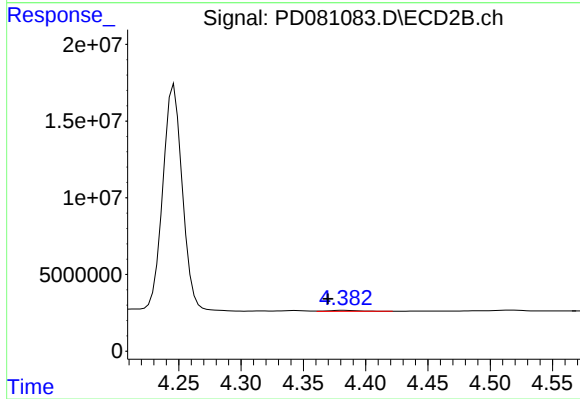
#23 Chlordane-1

R.T.: 3.806 min
Delta R.T.: 0.012 min
Response: 8088240
Conc: 79.53 ng/ml



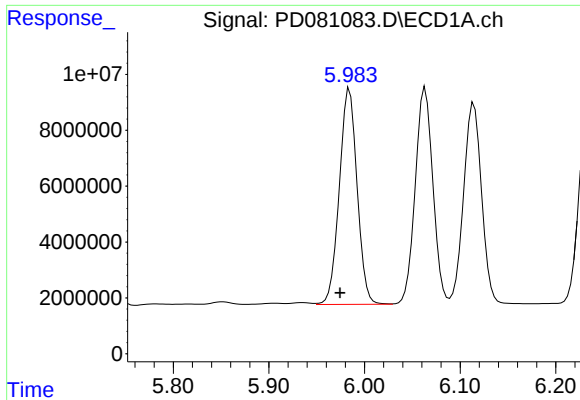
#24 Chlordane-2

R.T.: 5.238 min
Delta R.T.: -0.025 min
Response: 236611
Conc: 2.86 ng/ml



#24 Chlordane-2

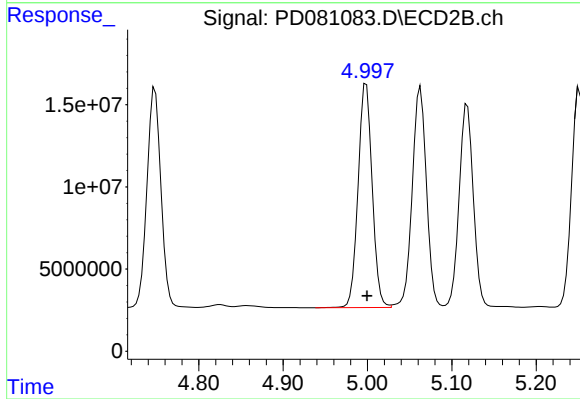
R.T.: 4.383 min
Delta R.T.: 0.014 min
Response: 1044909
Conc: 8.52 ng/ml



#25 Chlordane-3

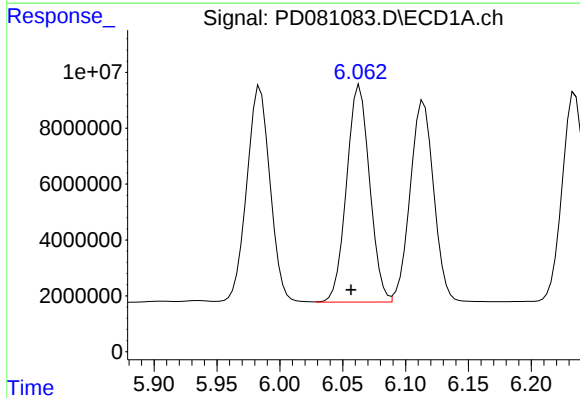
R.T.: 5.984 min
Delta R.T.: 0.010 min
Response: 100183172
Conc: 317.24 ng/ml

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



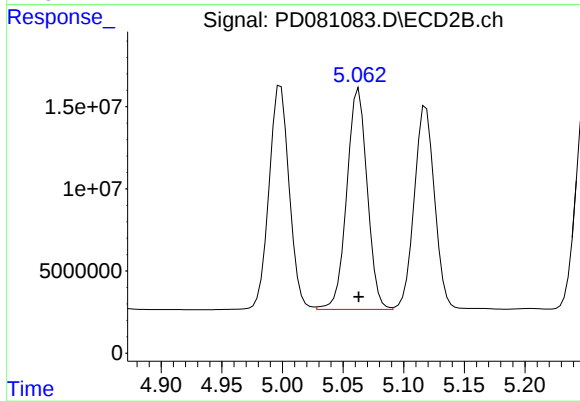
#25 Chlordane-3

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 158242622
Conc: 471.50 ng/ml



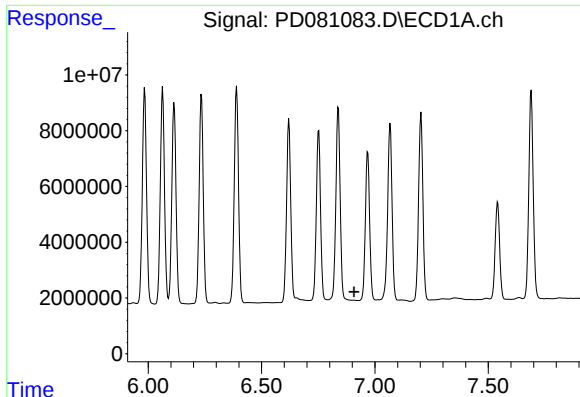
#26 Chlordane-4

R.T.: 6.063 min
Delta R.T.: 0.007 min
Response: 99243425
Conc: 260.66 ng/ml



#26 Chlordane-4

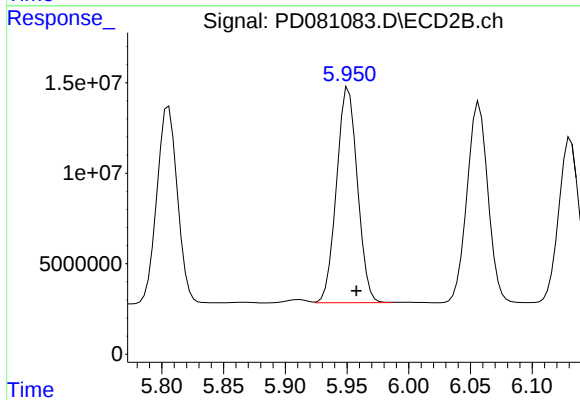
R.T.: 5.063 min
Delta R.T.: 0.000 min
Response: 157572361
Conc: 495.99 ng/ml



#27 Chlordane-5

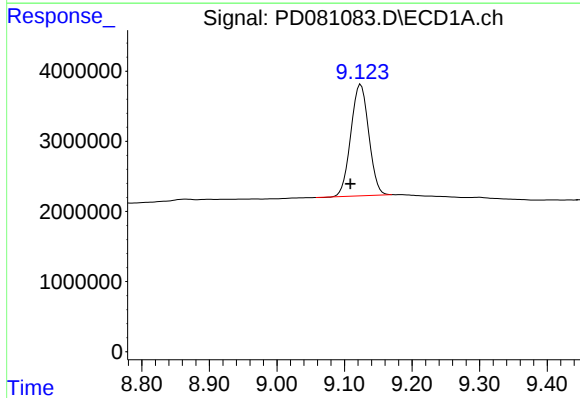
R.T.: 0.000 min
Exp R.T.: 6.908 min
Response: 0
Conc: N.D.

Instrument :
ECD_D
ClientSampleId :
TT-278-IDWSO-20240201-1MSD



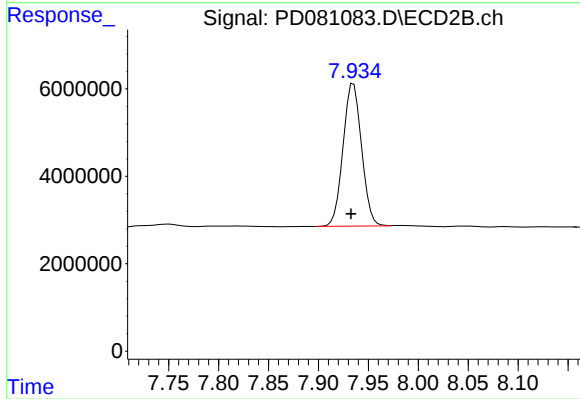
#27 Chlordane-5

R.T.: 5.951 min
Delta R.T.: -0.006 min
Response: 140027060
Conc: 1154.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.124 min
Delta R.T.: 0.015 min
Response: 29310414
Conc: 14.56 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.002 min
Response: 42064277
Conc: 15.79 ng/ml