

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020624\
 Data File : PD081112.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Feb 2024 09:01
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/07/2024
 Supervised By :Ankita Jodhani 02/07/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 06 20:50:18 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...	3.571	2.795	67204602	134.3E6	47.342	56.123
28)	SA Decachlor...	9.116	7.933	95865199	139.2E6	47.636	52.275
Target Compounds							
2)	A alpha-BHC	4.028	3.296	128.4E6	209.2E6	51.687	54.526
3)	MA gamma-BHC...	4.361	3.626	128.2E6	200.5E6	52.387	53.629
4)	MA Heptachlor	4.954	3.967	134.8E6	181.9E6	54.673	52.744
5)	MB Aldrin	5.297	4.247	139.5E6	192.1E6	56.843	52.743
6)	B beta-BHC	4.556	3.921	52886115	82103142	52.267	52.543
7)	B delta-BHC	4.805	4.152	138.9E6	207.7E6	55.347	55.343
8)	B Heptachlo...	5.723	4.749	129.5E6	170.1E6	57.825	50.784
9)	A Endosulfan I	6.110	5.118	119.6E6	154.7E6	57.663	50.514
10)	B gamma-Chl...	5.979	4.998	128.4E6	169.3E6	58.659	51.761
11)	B alpha-Chl...	6.059	5.063	126.3E6	167.4E6	58.007	51.190
12)	B 4,4'-DDE	6.230	5.250	119.3E6	161.9E6	58.649	52.866m
13)	MA Dieldrin	6.386	5.383	127.6E6	176.6E6	57.767	51.942
14)	MA Endrin	6.616	5.658	87170835	152.4E6	46.671	51.442
15)	B Endosulfa...	6.834	5.951	98316684	152.4E6	50.772	52.990
16)	A 4,4'-DDD	6.747	5.805	85426330	139.7E6	51.990	53.211
17)	MA 4,4'-DDT	7.062	6.056	88554672	135.7E6	49.725	51.160
18)	B Endrin al...	6.964	6.130	76400299	116.6E6	50.225	51.700
19)	B Endosulfa...	7.198	6.352	96883897	146.8E6	51.025	52.620
20)	A Methoxychlor	7.537	6.631	49709151	75818236	48.295	48.438
21)	B Endrin ke...	7.684	6.858	109.7E6	176.6E6	52.450	54.716
22)	Mirex	8.161	7.042	80405232	127.6E6	48.749	50.651

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD020624\
Data File : PD081112.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Feb 2024 09:01
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_D

ClientSampleId :

PSTDCCC050

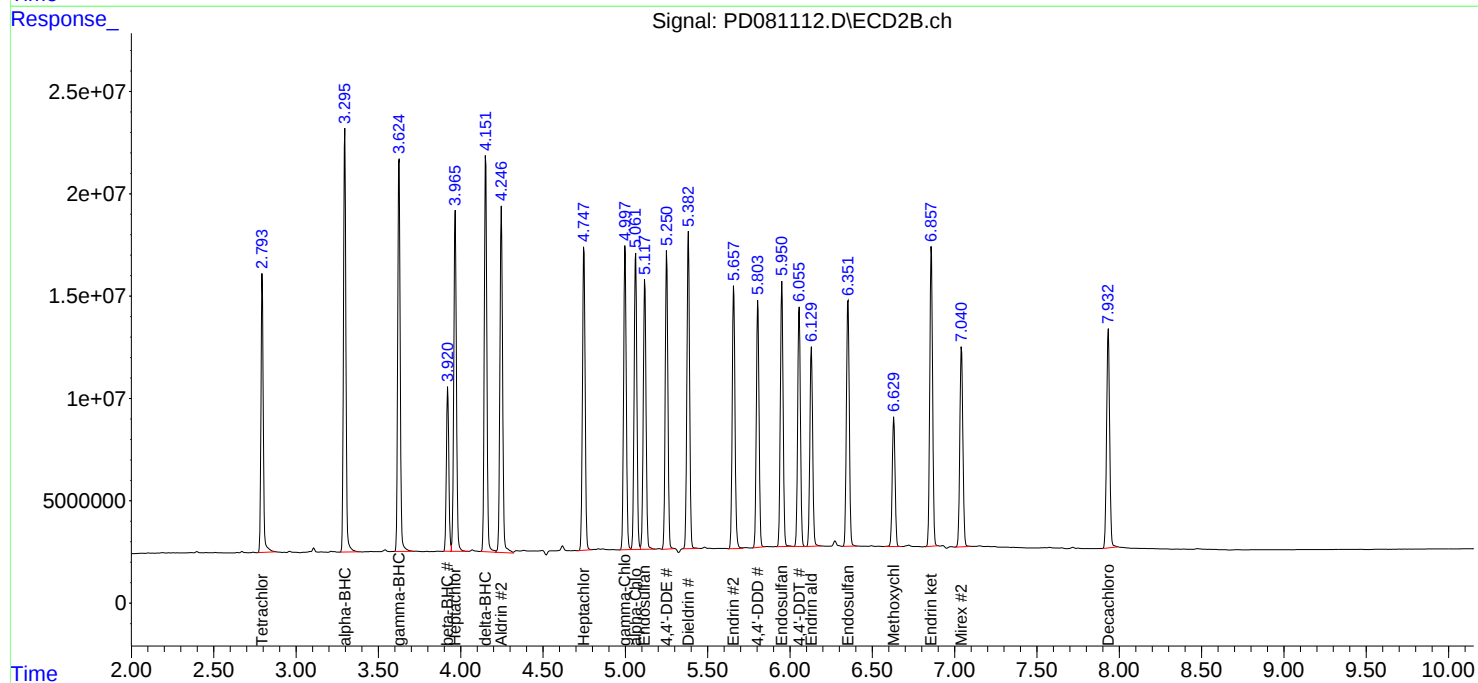
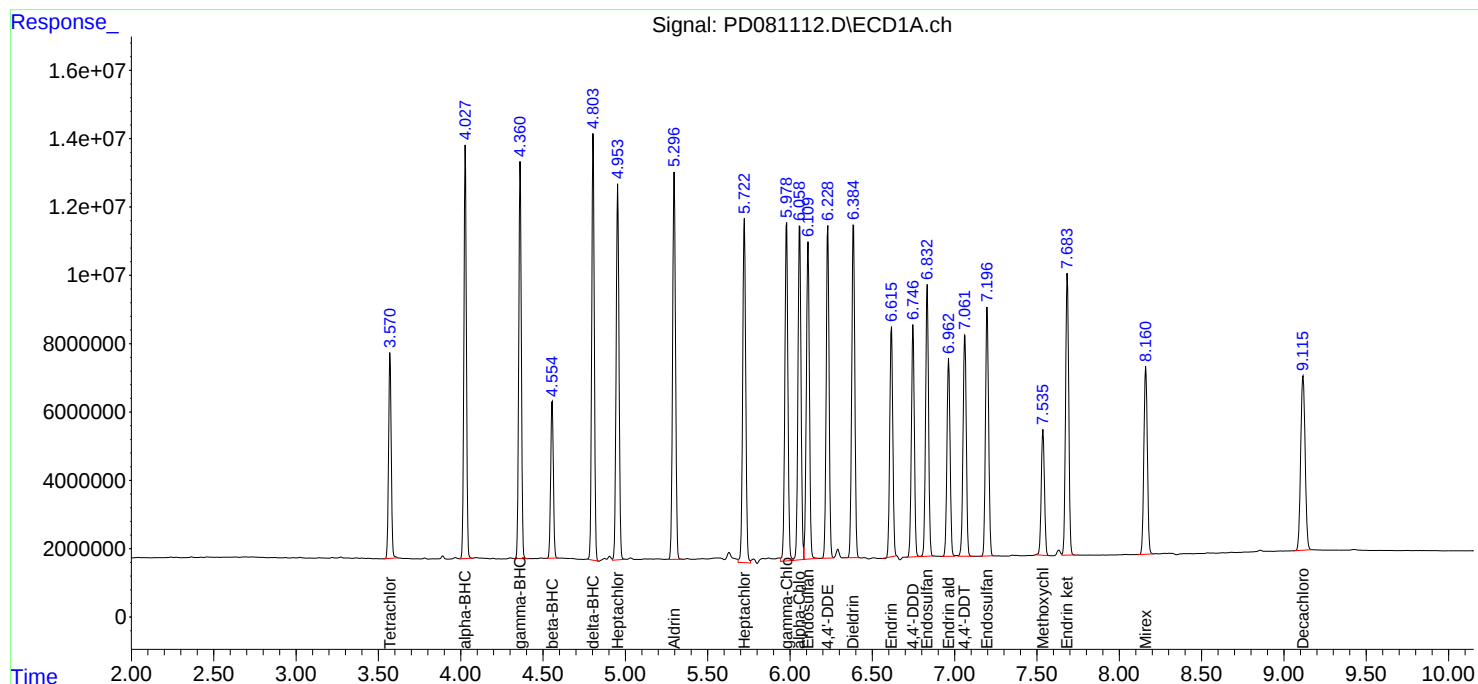
Manual Integrations

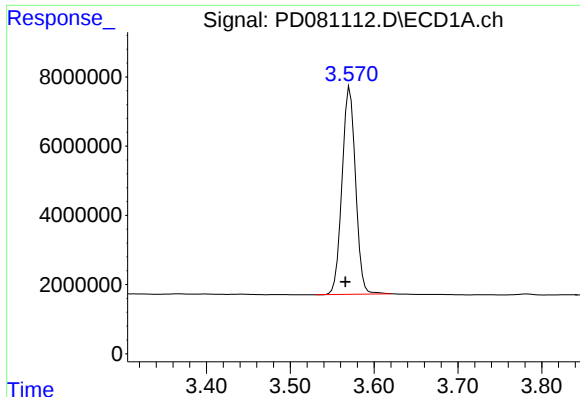
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 06 20:50:18 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD012424.M
Quant Title : GC Extractables
QLast Update : Thu Jan 25 11:14:56 2024
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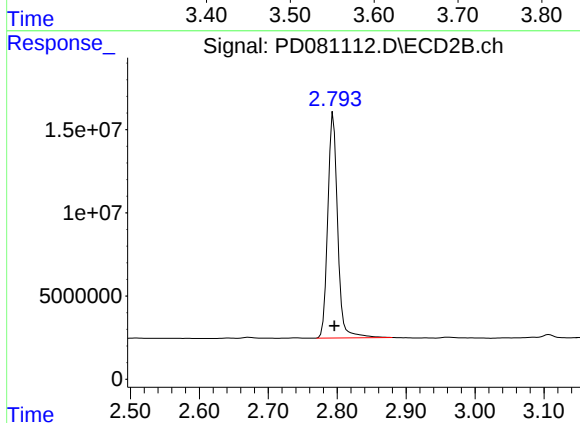
#1 Tetrachloro-m-xylene

R.T.: 3.571 min
Delta R.T.: 0.005 min
Response: 67204602
Conc: 47.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

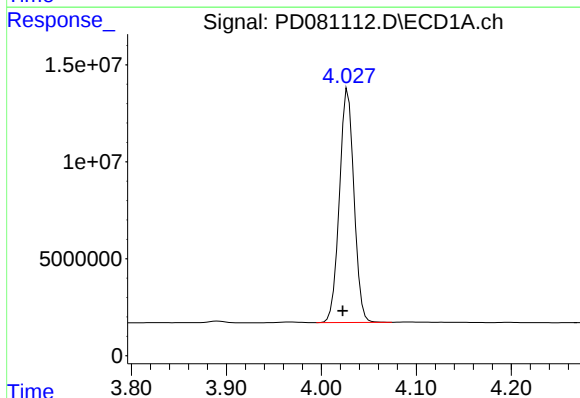
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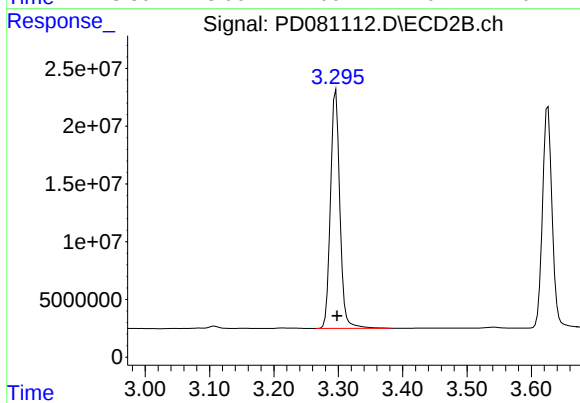
#1 Tetrachloro-m-xylene

R.T.: 2.795 min
Delta R.T.: -0.002 min
Response: 134254459
Conc: 56.12 ng/ml



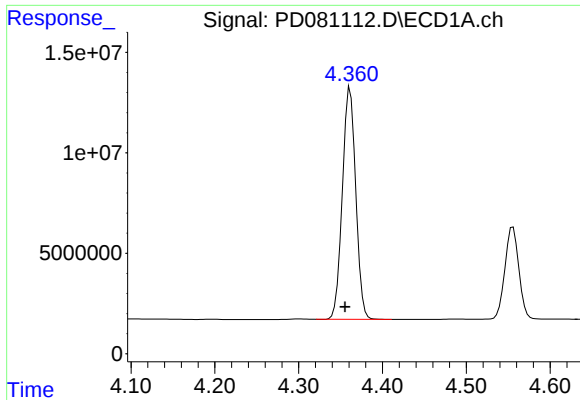
#2 alpha-BHC

R.T.: 4.028 min
Delta R.T.: 0.006 min
Response: 128383586
Conc: 51.69 ng/ml



#2 alpha-BHC

R.T.: 3.296 min
Delta R.T.: -0.002 min
Response: 209220959
Conc: 54.53 ng/ml



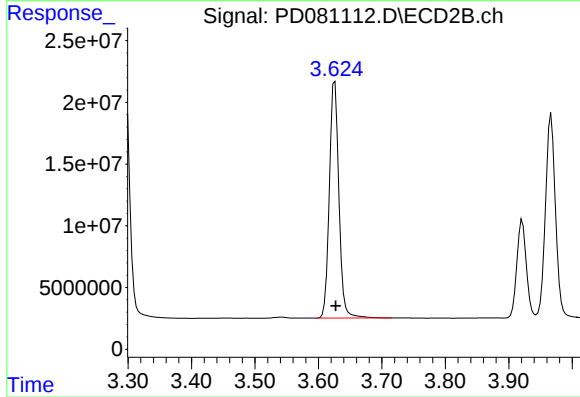
#3 gamma-BHC (Lindane)

R.T.: 4.361 min
Delta R.T.: 0.006 min
Response: 128223010
Conc: 52.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

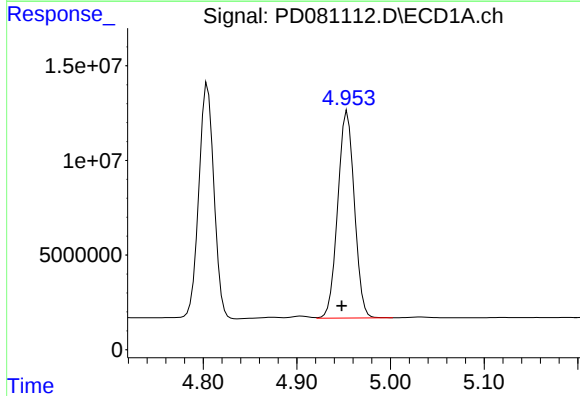
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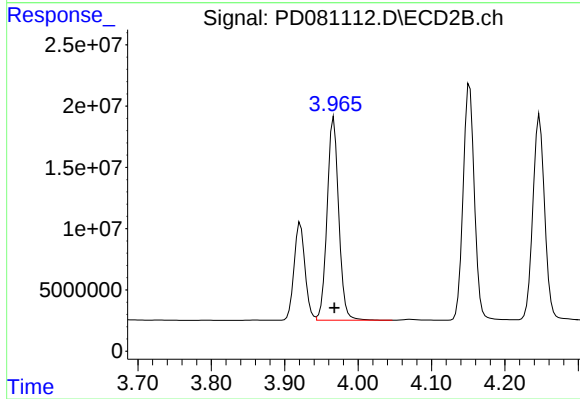
#3 gamma-BHC (Lindane)

R.T.: 3.626 min
Delta R.T.: -0.001 min
Response: 200517240
Conc: 53.63 ng/ml



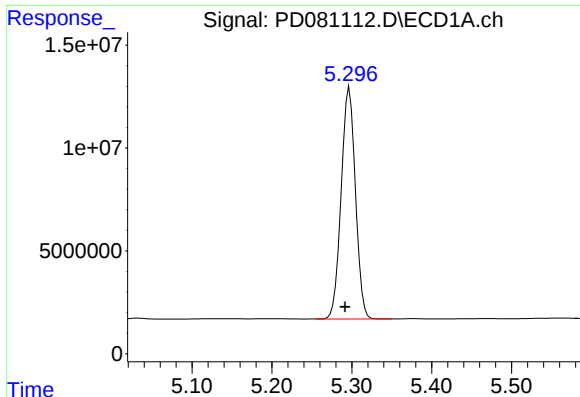
#4 Heptachlor

R.T.: 4.954 min
Delta R.T.: 0.006 min
Response: 134842490
Conc: 54.67 ng/ml



#4 Heptachlor

R.T.: 3.967 min
Delta R.T.: -0.001 min
Response: 181865346
Conc: 52.74 ng/ml



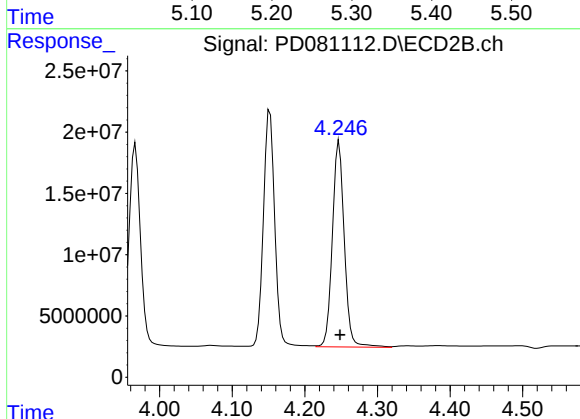
#5 Aldrin

R.T.: 5.297 min
Delta R.T.: 0.005 min
Response: 139528053
Conc: 56.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

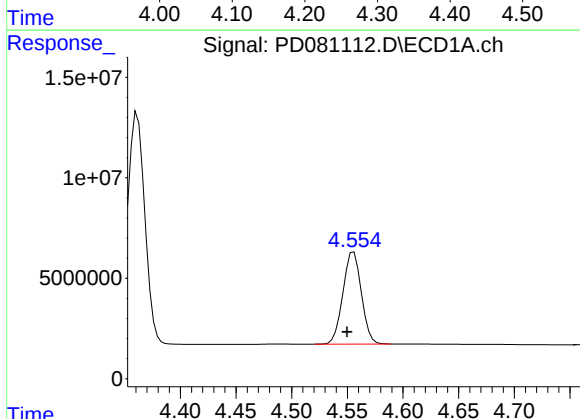
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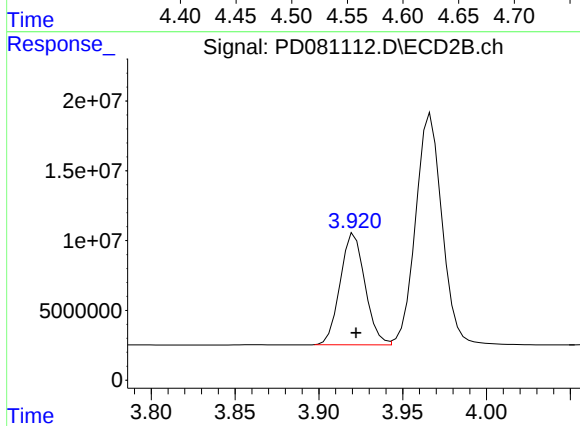
#5 Aldrin

R.T.: 4.247 min
Delta R.T.: -0.001 min
Response: 192090379
Conc: 52.74 ng/ml



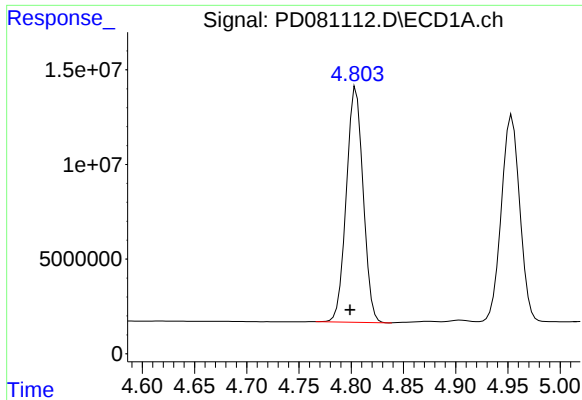
#6 beta-BHC

R.T.: 4.556 min
Delta R.T.: 0.006 min
Response: 52886115
Conc: 52.27 ng/ml



#6 beta-BHC

R.T.: 3.921 min
Delta R.T.: -0.001 min
Response: 82103142
Conc: 52.54 ng/ml



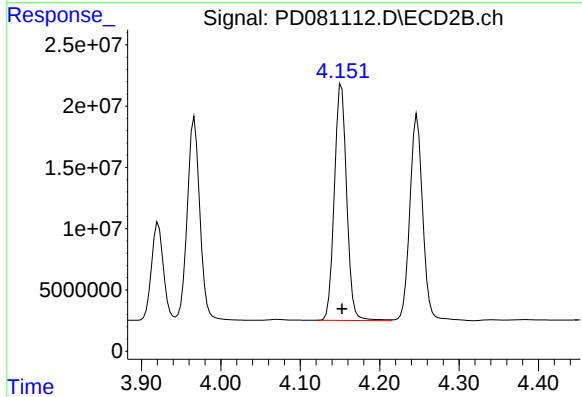
#7 delta-BHC

R.T.: 4.805 min
Delta R.T.: 0.006 min
Response: 138854953
Conc: 55.35 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

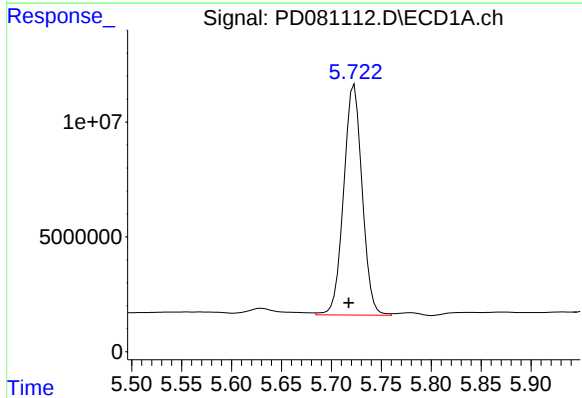
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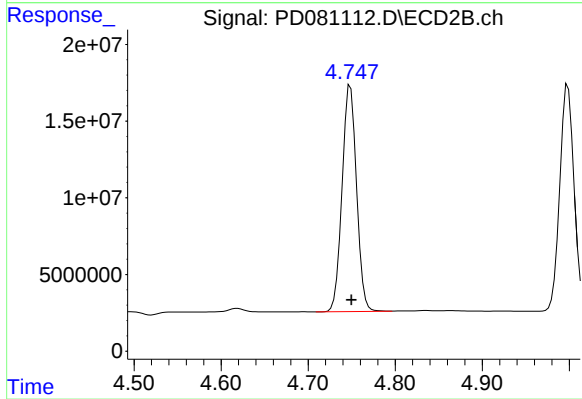
#7 delta-BHC

R.T.: 4.152 min
Delta R.T.: -0.001 min
Response: 207704625
Conc: 55.34 ng/ml



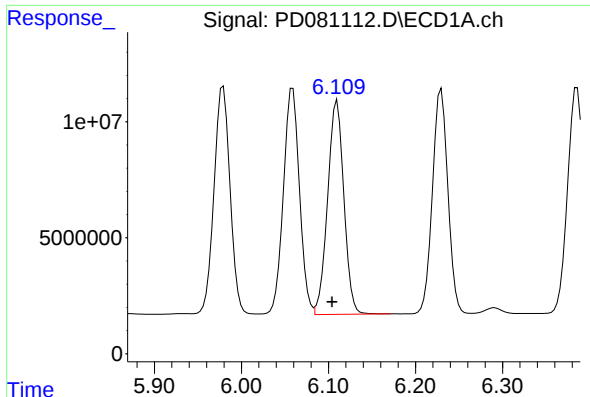
#8 Heptachlor epoxide

R.T.: 5.723 min
Delta R.T.: 0.006 min
Response: 129482095
Conc: 57.82 ng/ml



#8 Heptachlor epoxide

R.T.: 4.749 min
Delta R.T.: -0.001 min
Response: 170101108
Conc: 50.78 ng/ml



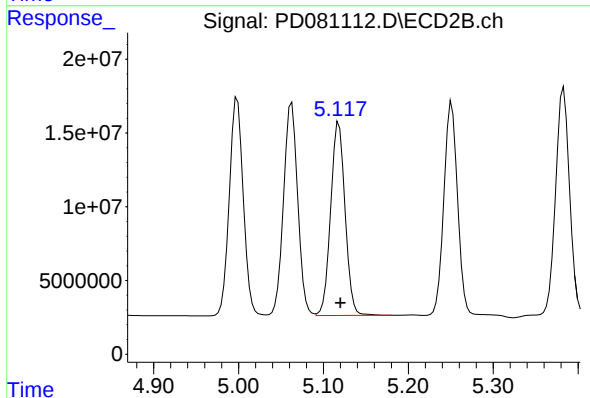
#9 Endosulfan I

R.T.: 6.110 min
Delta R.T.: 0.006 min
Response: 119596449
Conc: 57.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

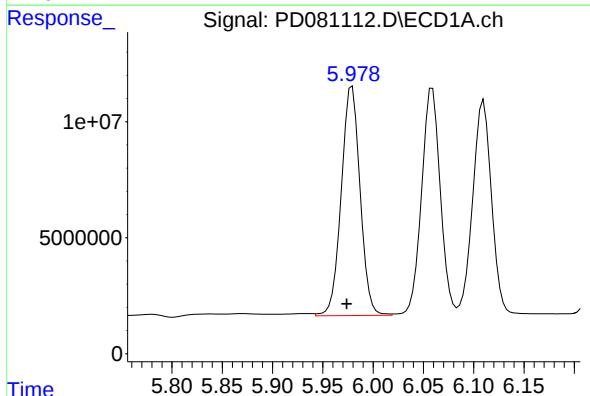
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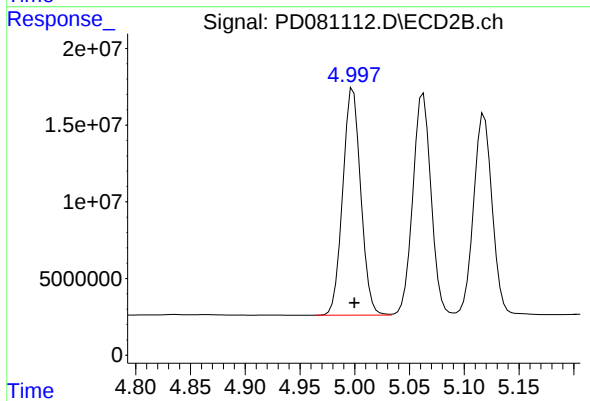
#9 Endosulfan I

R.T.: 5.118 min
Delta R.T.: -0.002 min
Response: 154712712
Conc: 50.51 ng/ml



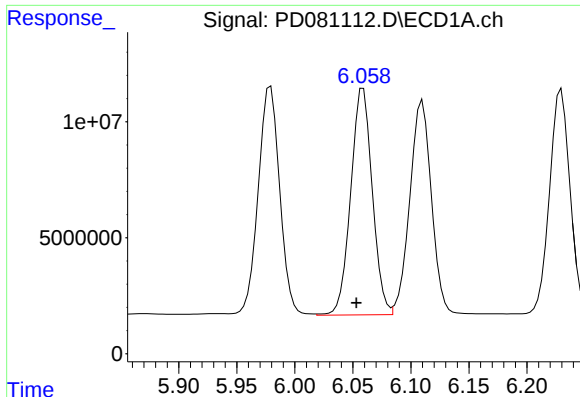
#10 gamma-Chlordane

R.T.: 5.979 min
Delta R.T.: 0.005 min
Response: 128411980
Conc: 58.66 ng/ml



#10 gamma-Chlordane

R.T.: 4.998 min
Delta R.T.: -0.001 min
Response: 169309707
Conc: 51.76 ng/ml



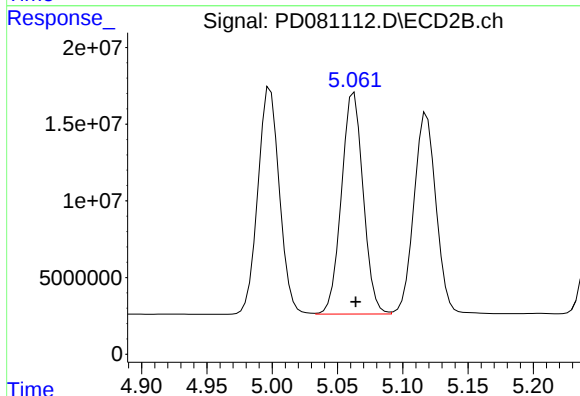
#11 alpha-Chlordane

R.T.: 6.059 min
Delta R.T.: 0.006 min
Response: 126304852
Conc: 58.01 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

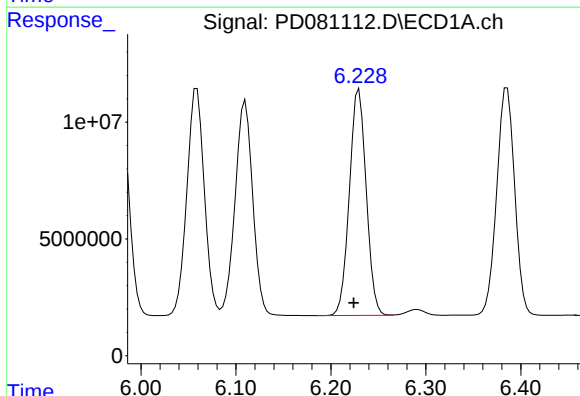
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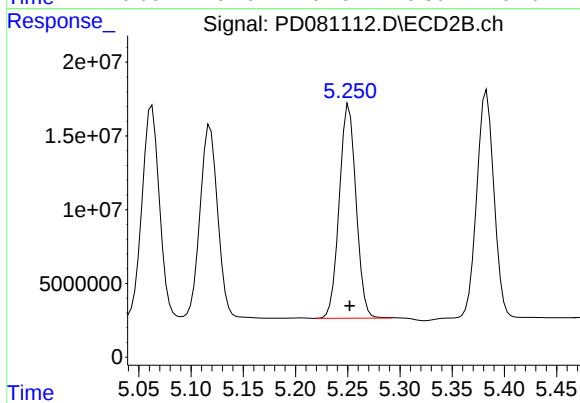
#11 alpha-Chlordane

R.T.: 5.063 min
Delta R.T.: -0.001 min
Response: 167367611
Conc: 51.19 ng/ml



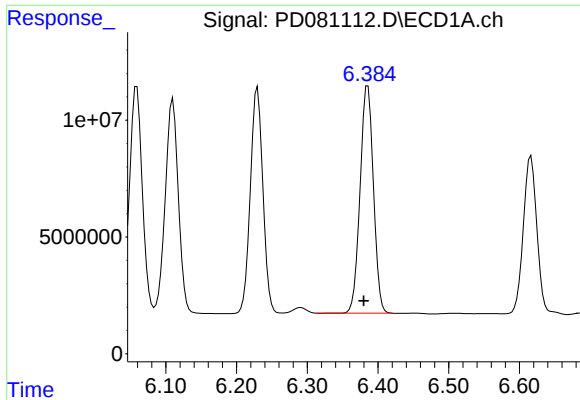
#12 4,4'-DDE

R.T.: 6.230 min
Delta R.T.: 0.006 min
Response: 119343944
Conc: 58.65 ng/ml



#12 4,4'-DDE

R.T.: 5.250 min
Delta R.T.: -0.002 min
Response: 161942649
Conc: 52.87 ng/ml m



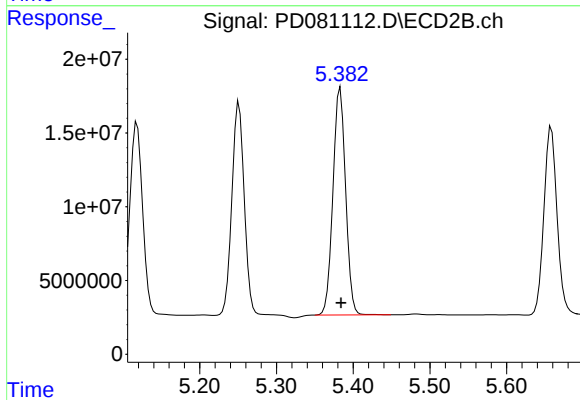
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: 0.006 min
Response: 127647955
Conc: 57.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

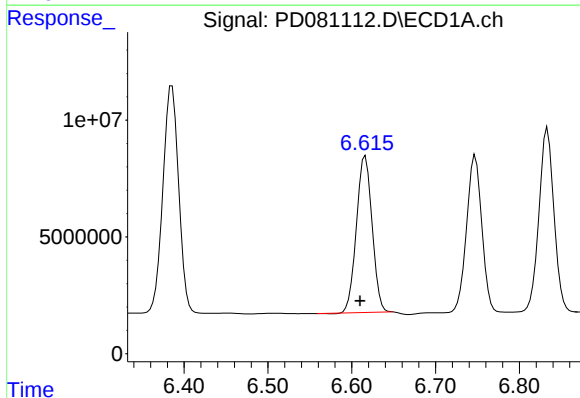
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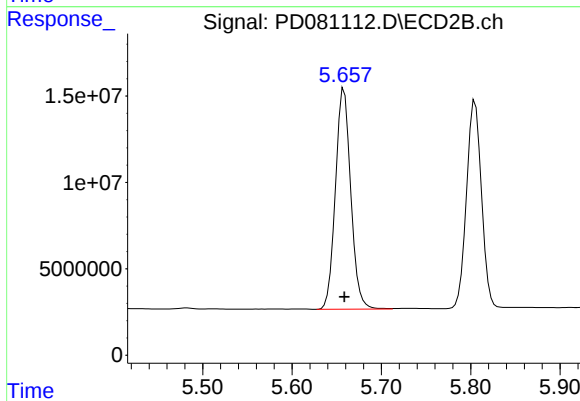
#13 Dieldrin

R.T.: 5.383 min
Delta R.T.: 0.000 min
Response: 176643572
Conc: 51.94 ng/ml



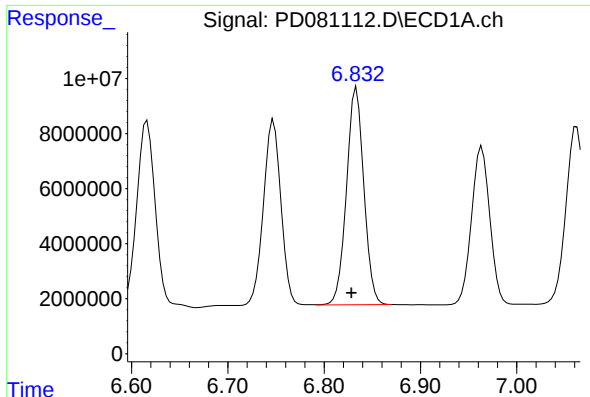
#14 Endrin

R.T.: 6.616 min
Delta R.T.: 0.006 min
Response: 87170835
Conc: 46.67 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 152442900
Conc: 51.44 ng/ml



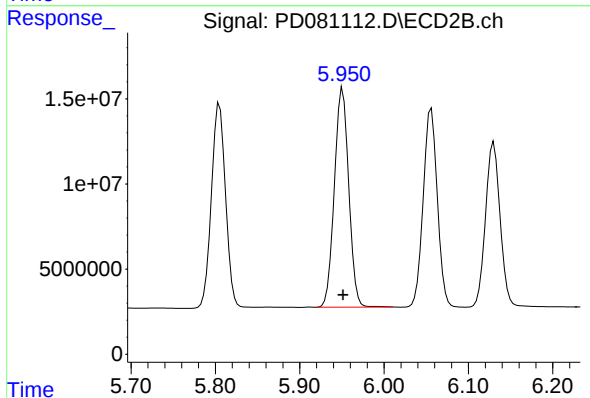
#15 Endosulfan II

R.T.: 6.834 min
Delta R.T.: 0.005 min
Response: 98316684
Conc: 50.77 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

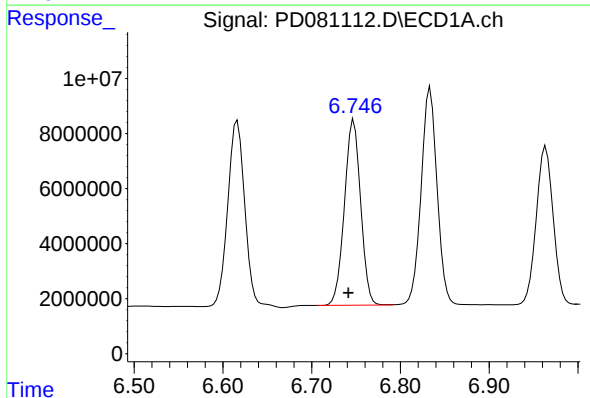
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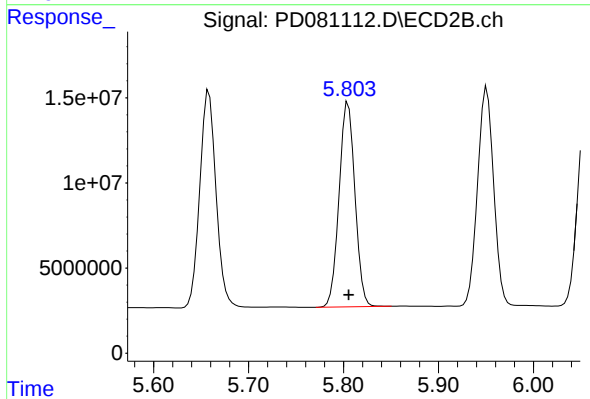
#15 Endosulfan II

R.T.: 5.951 min
Delta R.T.: 0.000 min
Response: 152395526
Conc: 52.99 ng/ml



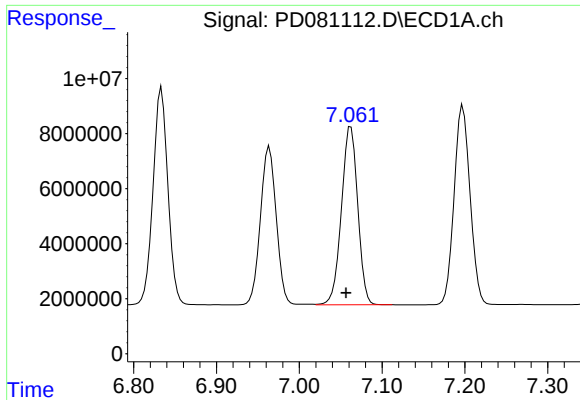
#16 4,4'-DDD

R.T.: 6.747 min
Delta R.T.: 0.006 min
Response: 85426330
Conc: 51.99 ng/ml



#16 4,4'-DDD

R.T.: 5.805 min
Delta R.T.: 0.000 min
Response: 139692889
Conc: 53.21 ng/ml



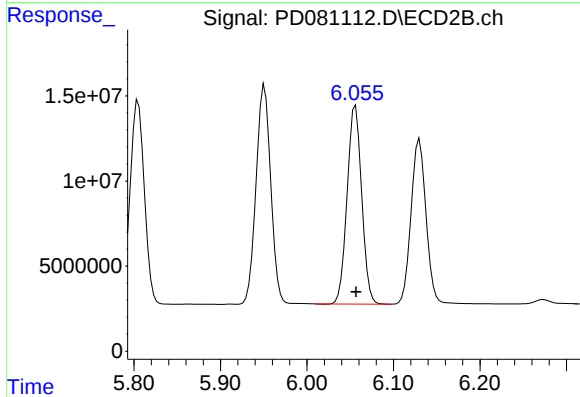
#17 4,4'-DDT

R.T.: 7.062 min
Delta R.T.: 0.006 min
Response: 88554672
Conc: 49.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

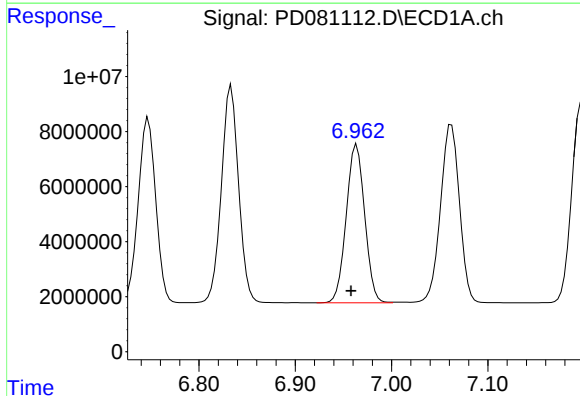
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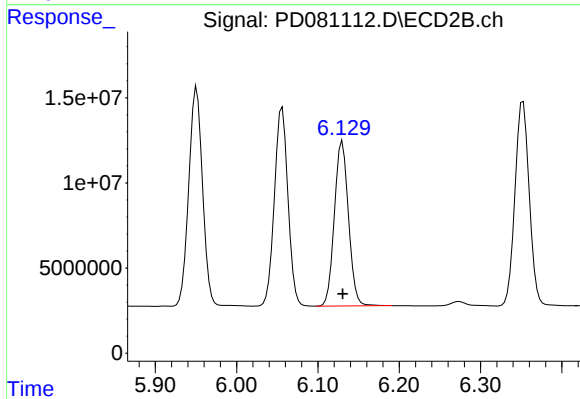
#17 4,4'-DDT

R.T.: 6.056 min
Delta R.T.: 0.000 min
Response: 135731887
Conc: 51.16 ng/ml



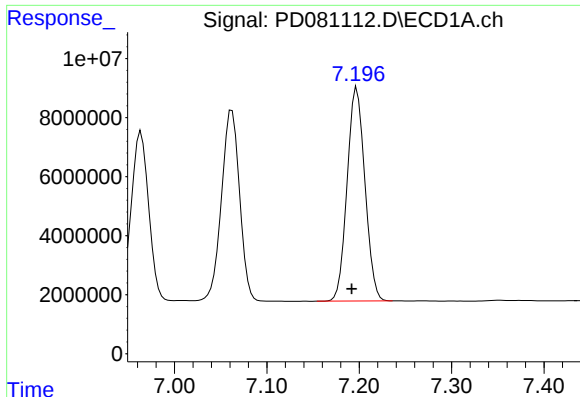
#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: 0.006 min
Response: 76400299
Conc: 50.23 ng/ml



#18 Endrin aldehyde

R.T.: 6.130 min
Delta R.T.: 0.000 min
Response: 116565628
Conc: 51.70 ng/ml



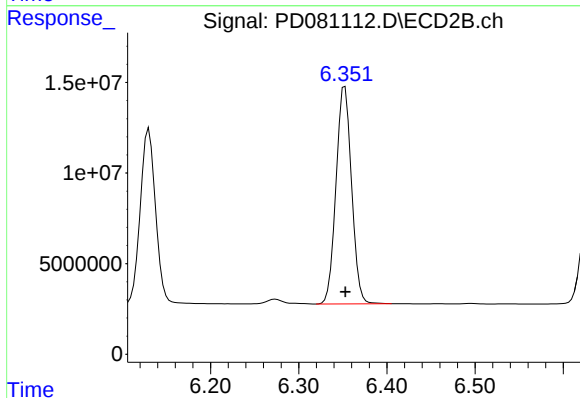
#19 Endosulfan Sulfate

R.T.: 7.198 min
Delta R.T.: 0.006 min
Response: 96883897
Conc: 51.03 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

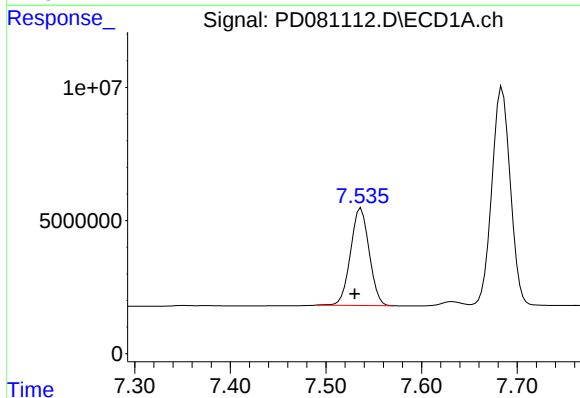
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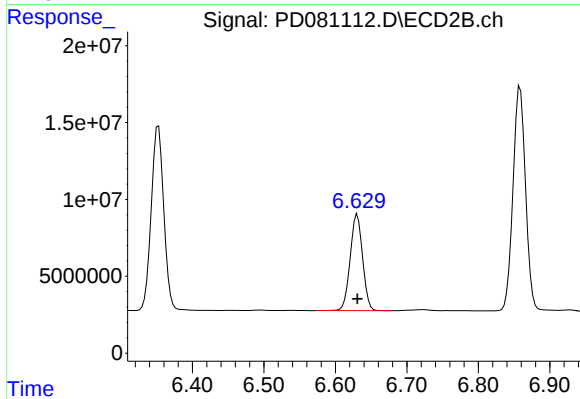
#19 Endosulfan Sulfate

R.T.: 6.352 min
Delta R.T.: 0.000 min
Response: 146776161
Conc: 52.62 ng/ml



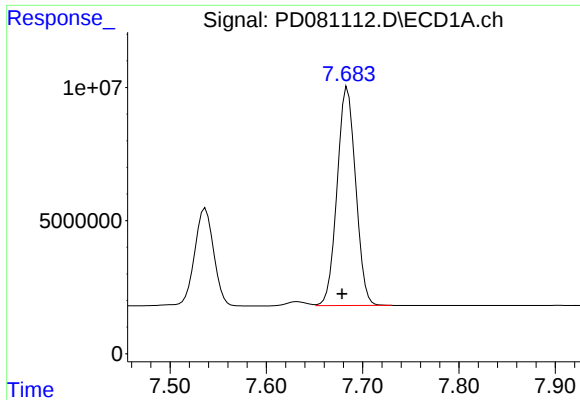
#20 Methoxychlor

R.T.: 7.537 min
Delta R.T.: 0.007 min
Response: 49709151
Conc: 48.30 ng/ml



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 75818236
Conc: 48.44 ng/ml



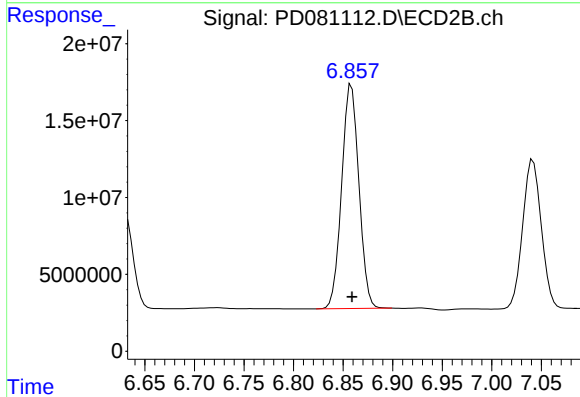
#21 Endrin ketone

R.T.: 7.684 min
Delta R.T.: 0.006 min
Response: 109685088
Conc: 52.45 ng/ml

Instrument :
ECD_D
ClientSampleId :
PSTDCCC050

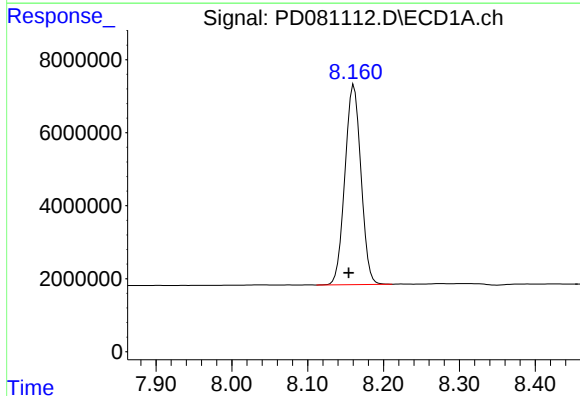
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/07/2024
Supervised By :Ankita Jodhani 02/07/2024



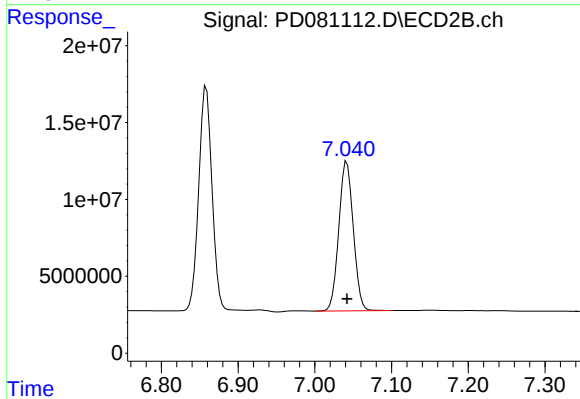
#21 Endrin ketone

R.T.: 6.858 min
Delta R.T.: 0.000 min
Response: 176568471
Conc: 54.72 ng/ml



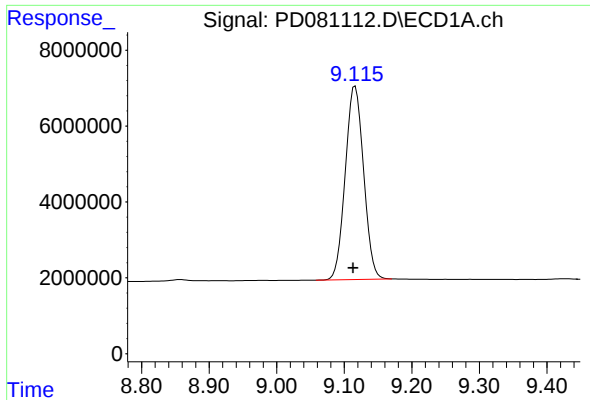
#22 Mirex

R.T.: 8.161 min
Delta R.T.: 0.007 min
Response: 80405232
Conc: 48.75 ng/ml



#22 Mirex

R.T.: 7.042 min
Delta R.T.: 0.000 min
Response: 127638866
Conc: 50.65 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.116 min
Delta R.T.: 0.003 min
Response: 95865199
Conc: 47.64 ng/ml

Instrument :

ECD_D

ClientSampleId :

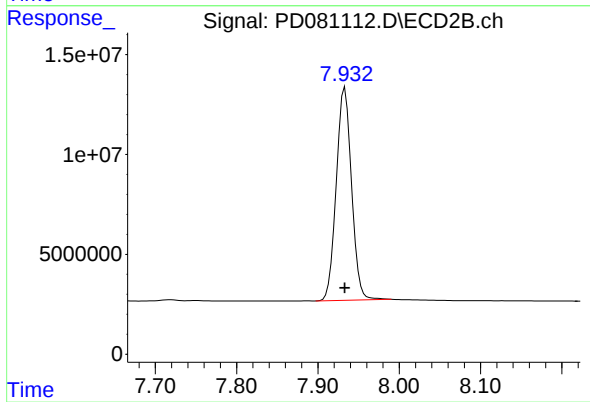
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.933 min
Delta R.T.: 0.000 min
Response: 139239795
Conc: 52.27 ng/ml