

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
 Data File : PD079571.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Nov 2023 20:33
 Operator : AR\AJ
 Sample : 05293-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 SB-1MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 11/09/2023
 Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 09 04:06:22 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 20 04:44:01 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...	3.568	2.803	26636008	42023410	16.497	18.150
28)	SA Decachlor...	9.115	7.948	29724677	39875188	14.818	16.359
Target Compounds							
2)	A alpha-BHC	4.025	3.306	118.8E6	174.1E6	44.615	50.205
3)	MA gamma-BHC...	4.358	3.636	116.3E6	171.4E6	44.765	50.488
4)	MA Heptachlor	4.951	3.978	114.2E6	159.0E6	42.704	52.048
5)	MB Aldrin	5.295	4.259	115.1E6	165.9E6	44.658	50.722
6)	B beta-BHC	4.551	3.930	47179536	69489404	44.028	49.315
7)	B delta-BHC	4.800	4.162	116.2E6	171.6E6	43.403m	51.244
8)	B Heptachlo...	5.721	4.760	104.9E6	151.1E6	44.761	50.962
9)	A Endosulfan I	6.108	5.129	98193394	136.4E6	45.293	51.506m
10)	B gamma-Chl...	5.978	5.009	113.2E6	147.3E6	49.379	51.338m
11)	B alpha-Chl...	6.057	5.074	103.3E6	141.8E6	45.286	49.415m
12)	B 4,4'-DDE	6.228	5.264	96795584	140.2E6	45.808	52.641
13)	MA Dieldrin	6.384	5.395	106.0E6	154.1E6	45.519	51.887
14)	MA Endrin	6.614	5.670	89341482	137.0E6	45.872	53.516
15)	B Endosulfa...	6.832	5.962	90281830	130.8E6	44.264	52.397
16)	A 4,4'-DDD	6.745	5.817	80486954	118.6E6	45.785	51.914
17)	MA 4,4'-DDT	7.059	6.069	82321729	119.4E6	43.472	52.140
18)	B Endrin al...	6.960	6.142	69153991	97726675	44.780m	52.561
19)	B Endosulfa...	7.196	6.365	87326760	123.9E6	43.924	53.073
20)	A Methoxychlor	7.534	6.644	46899673	67179872	42.800	49.483
21)	B Endrin ke...	7.683	6.871	98987105	145.5E6	45.403	52.058
22)	Mirex	8.159	7.056	85608223	126.8E6	50.576	59.344

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD111223\
Data File : PD079571.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 08 Nov 2023 20:33
Operator : AR\AJ
Sample : 05293-01MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

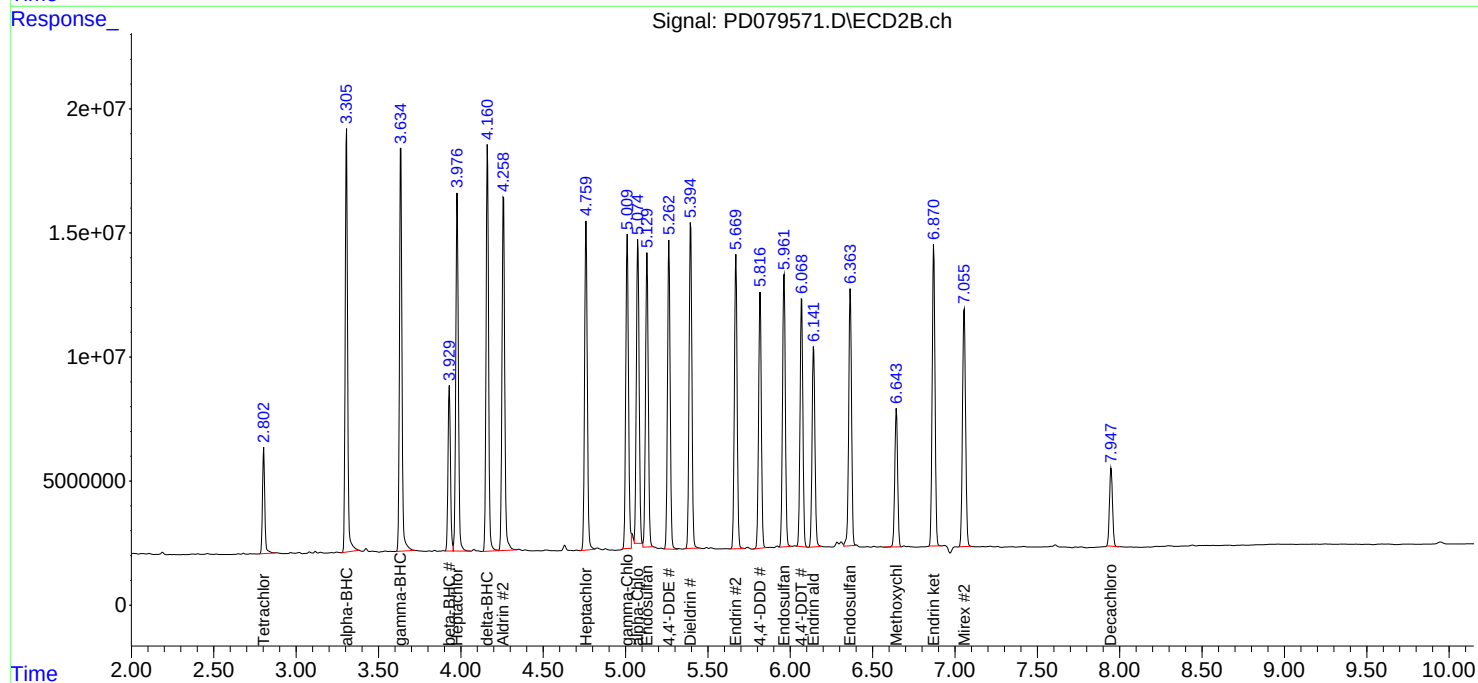
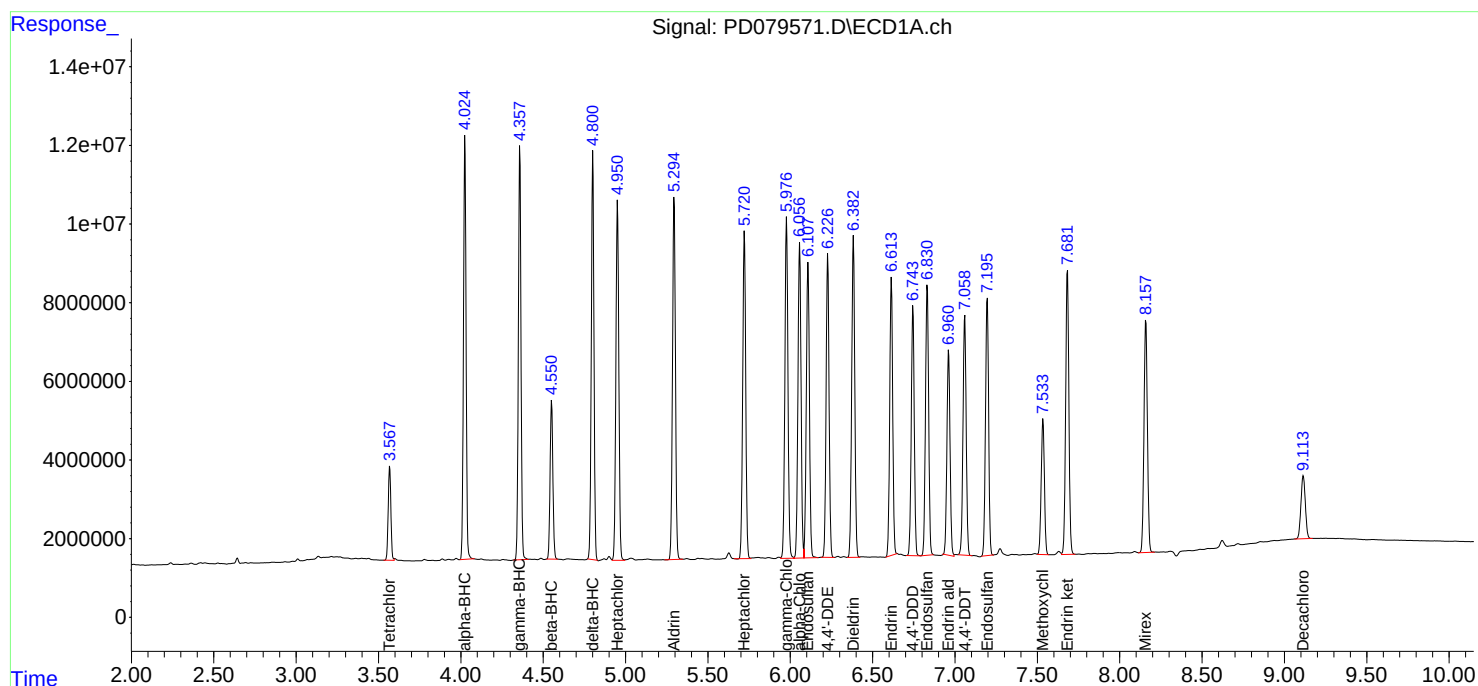
Instrument :
ECD_D
ClientSampleId :
SB-1MS

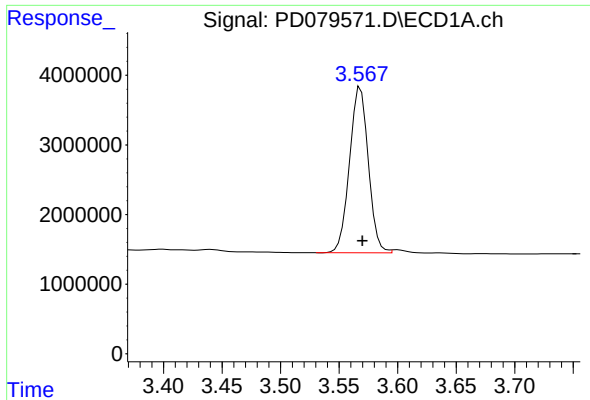
Manual Integrations
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Supervised By :Ankita Jodhani 11/09/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 09 04:06:22 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD102023.M
Quant Title : GC Extractables
QLast Update : Fri Oct 20 04:44:01 2023
Response via : Initial Calibration
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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





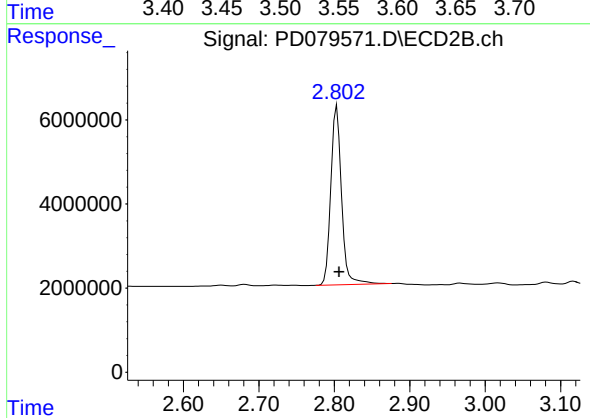
#1 Tetrachloro-m-xylene

R.T.: 3.568 min
Delta R.T.: -0.002 min
Response: 26636008
Conc: 16.50 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

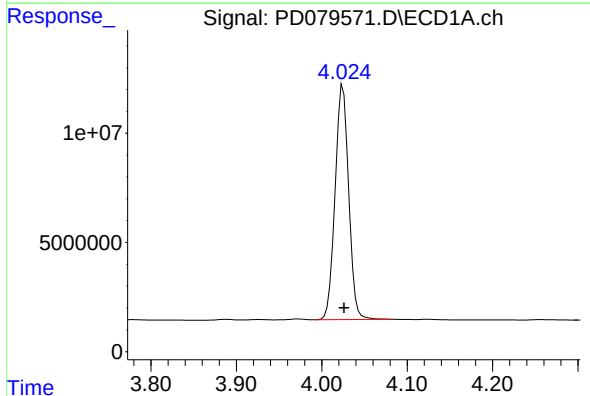
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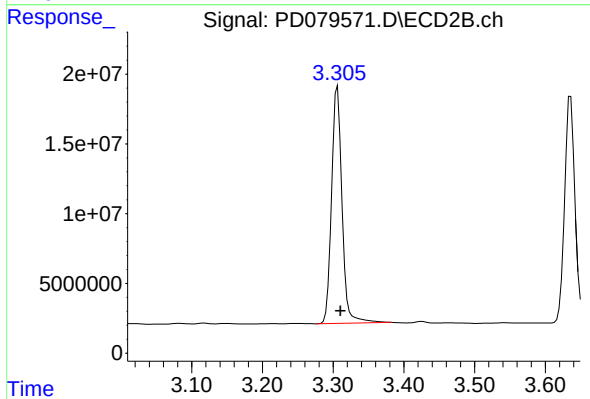
#1 Tetrachloro-m-xylene

R.T.: 2.803 min
Delta R.T.: -0.003 min
Response: 42023410
Conc: 18.15 ng/ml



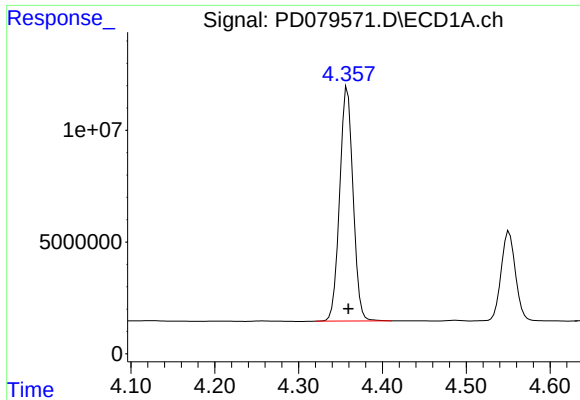
#2 alpha-BHC

R.T.: 4.025 min
Delta R.T.: -0.001 min
Response: 118769250
Conc: 44.62 ng/ml



#2 alpha-BHC

R.T.: 3.306 min
Delta R.T.: -0.004 min
Response: 174082441
Conc: 50.21 ng/ml



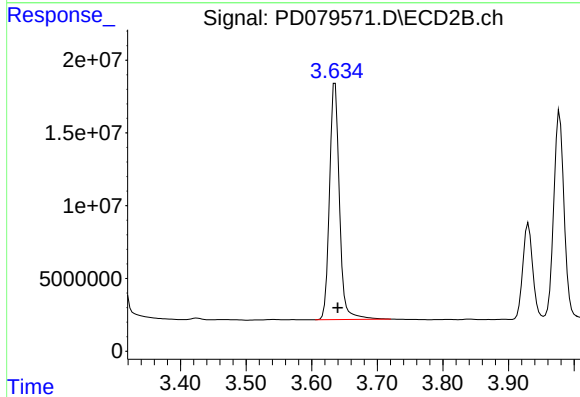
#3 gamma-BHC (Lindane)

R.T.: 4.358 min
Delta R.T.: -0.001 min
Response: 116335578
Conc: 44.76 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

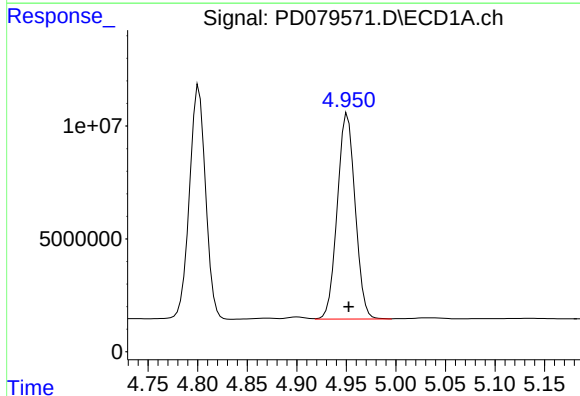
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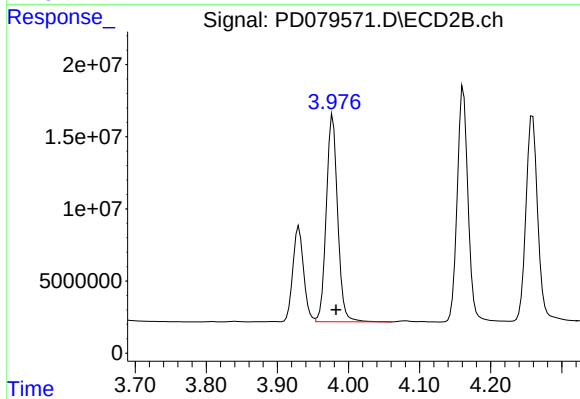
#3 gamma-BHC (Lindane)

R.T.: 3.636 min
Delta R.T.: -0.004 min
Response: 171446721
Conc: 50.49 ng/ml



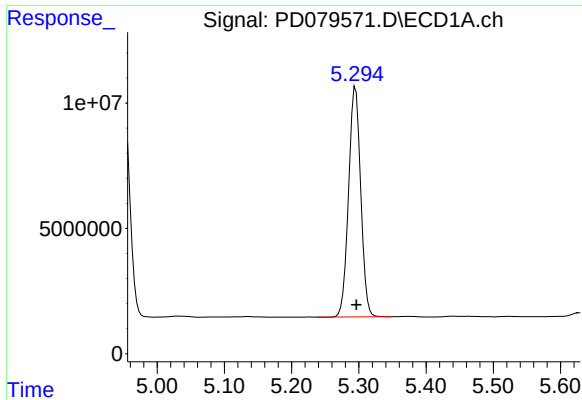
#4 Heptachlor

R.T.: 4.951 min
Delta R.T.: -0.001 min
Response: 114230297
Conc: 42.70 ng/ml



#4 Heptachlor

R.T.: 3.978 min
Delta R.T.: -0.005 min
Response: 158961035
Conc: 52.05 ng/ml



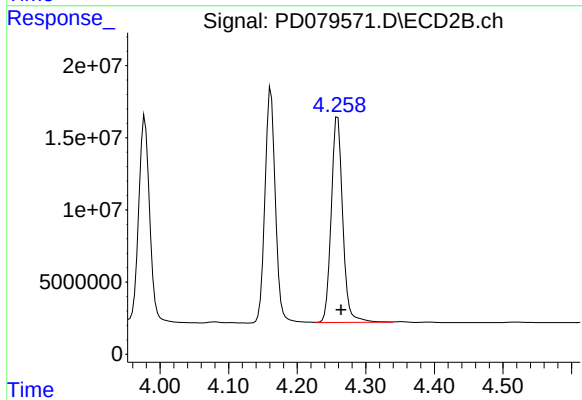
#5 Aldrin

R.T.: 5.295 min
Delta R.T.: -0.001 min
Response: 115074297
Conc: 44.66 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

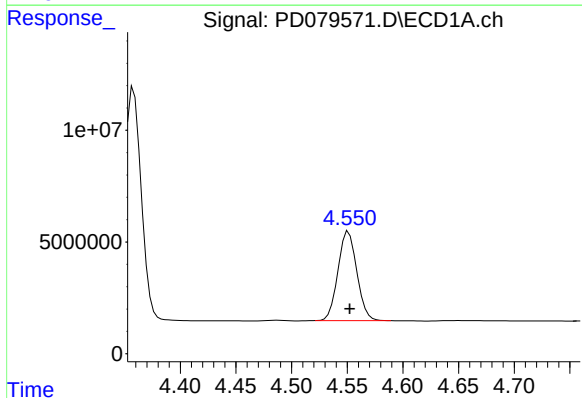
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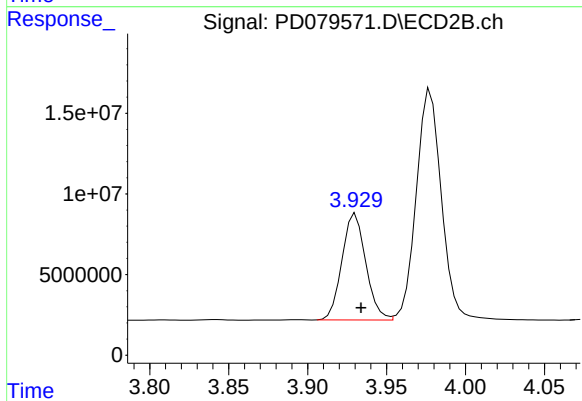
#5 Aldrin

R.T.: 4.259 min
Delta R.T.: -0.005 min
Response: 165927316
Conc: 50.72 ng/ml



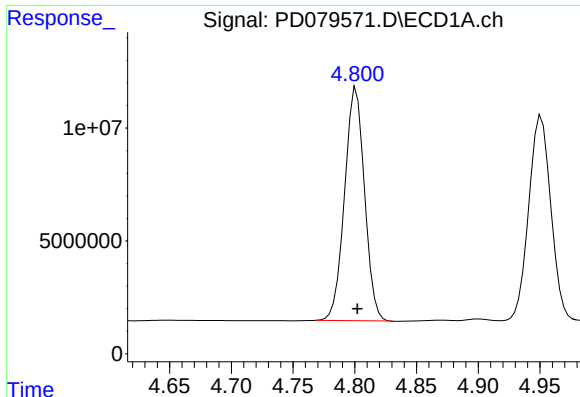
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 47179536
Conc: 44.03 ng/ml



#6 beta-BHC

R.T.: 3.930 min
Delta R.T.: -0.004 min
Response: 69489404
Conc: 49.31 ng/ml



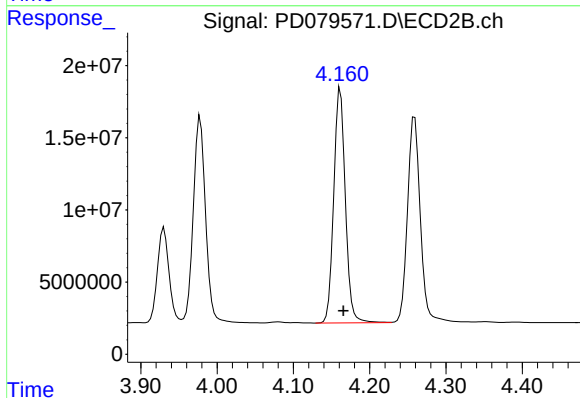
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: -0.002 min
Response: 116192110
Conc: 43.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

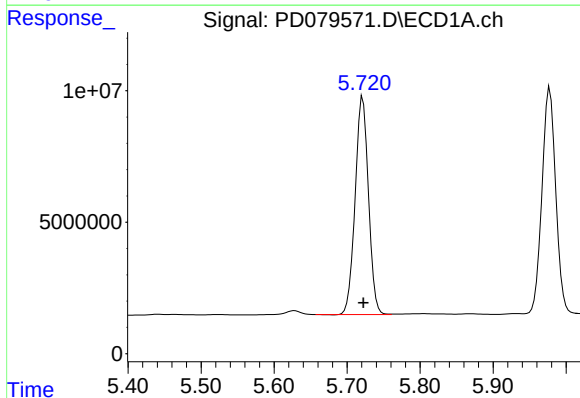
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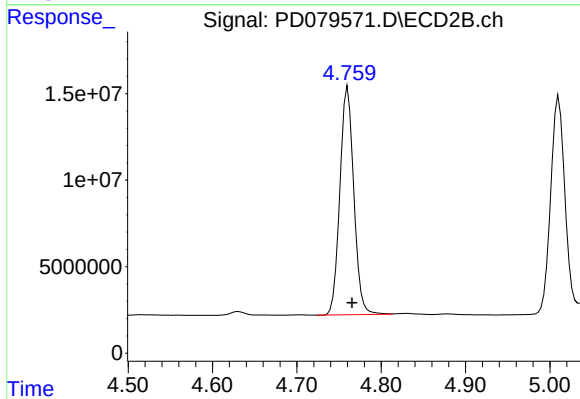
#7 delta-BHC

R.T.: 4.162 min
Delta R.T.: -0.004 min
Response: 171577305
Conc: 51.24 ng/ml



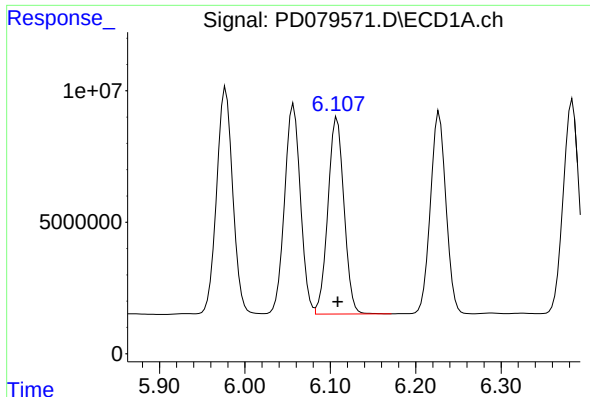
#8 Heptachlor epoxide

R.T.: 5.721 min
Delta R.T.: 0.000 min
Response: 104904929
Conc: 44.76 ng/ml



#8 Heptachlor epoxide

R.T.: 4.760 min
Delta R.T.: -0.005 min
Response: 151087169
Conc: 50.96 ng/ml



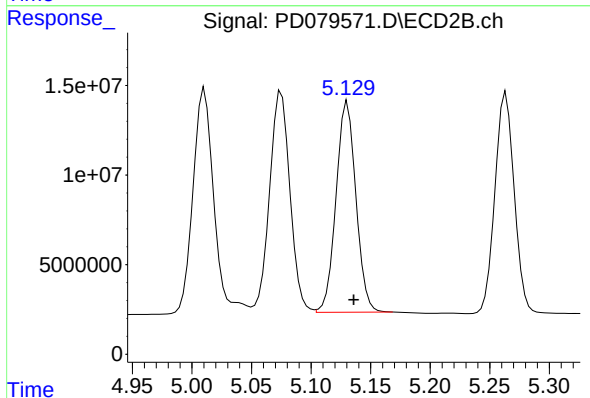
#9 Endosulfan I

R.T.: 6.108 min
Delta R.T.: 0.000 min
Response: 98193394
Conc: 45.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

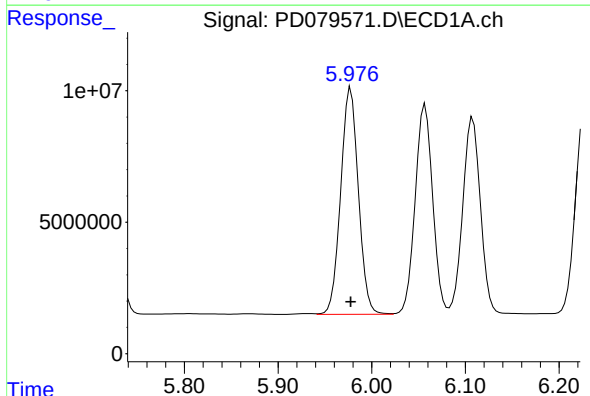
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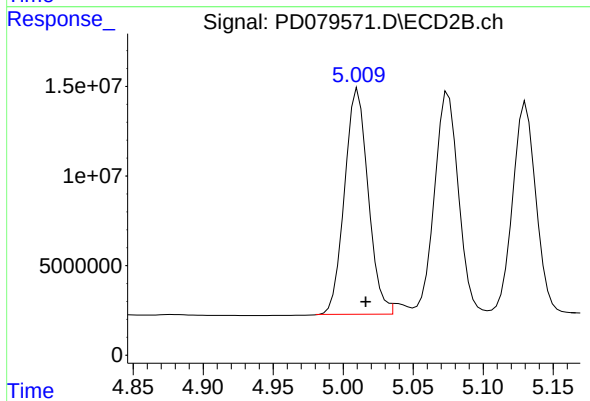
#9 Endosulfan I

R.T.: 5.129 min
Delta R.T.: -0.007 min
Response: 136373574
Conc: 51.51 ng/ml m



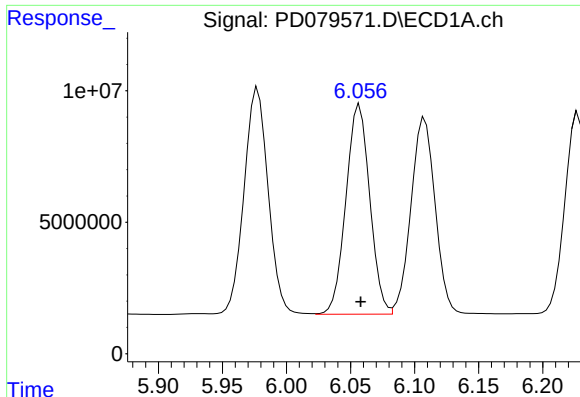
#10 gamma-Chlordane

R.T.: 5.978 min
Delta R.T.: 0.000 min
Response: 113213371
Conc: 49.38 ng/ml



#10 gamma-Chlordane

R.T.: 5.009 min
Delta R.T.: -0.007 min
Response: 147311157
Conc: 51.34 ng/ml m



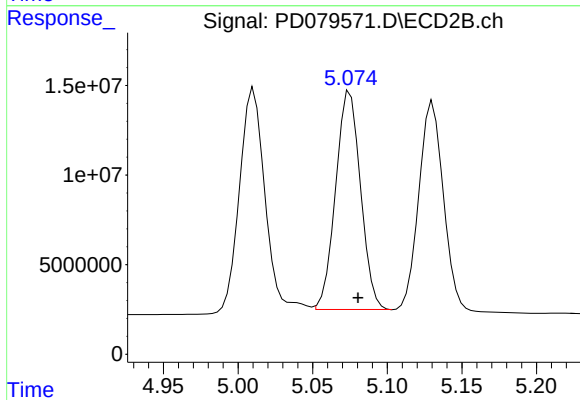
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.000 min
Response: 103262198
Conc: 45.29 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

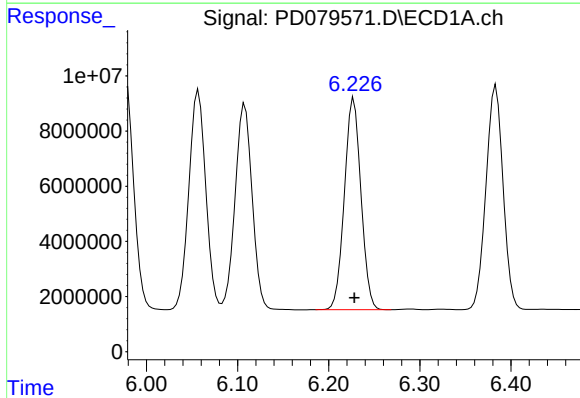
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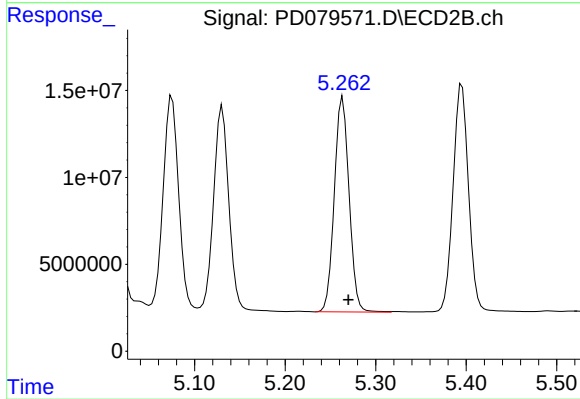
#11 alpha-Chlordane

R.T.: 5.074 min
Delta R.T.: -0.007 min
Response: 141814103
Conc: 49.42 ng/ml m



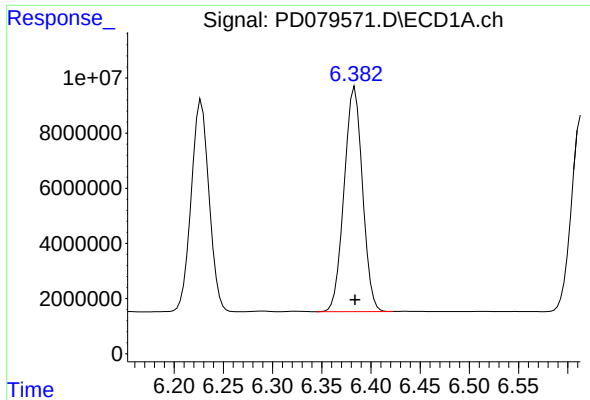
#12 4,4'-DDE

R.T.: 6.228 min
Delta R.T.: 0.000 min
Response: 96795584
Conc: 45.81 ng/ml



#12 4,4'-DDE

R.T.: 5.264 min
Delta R.T.: -0.006 min
Response: 140150868
Conc: 52.64 ng/ml



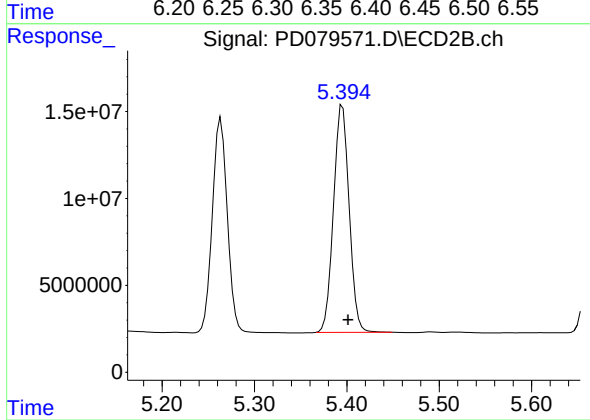
#13 Dieldrin

R.T.: 6.384 min
Delta R.T.: 0.000 min
Response: 106006259
Conc: 45.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

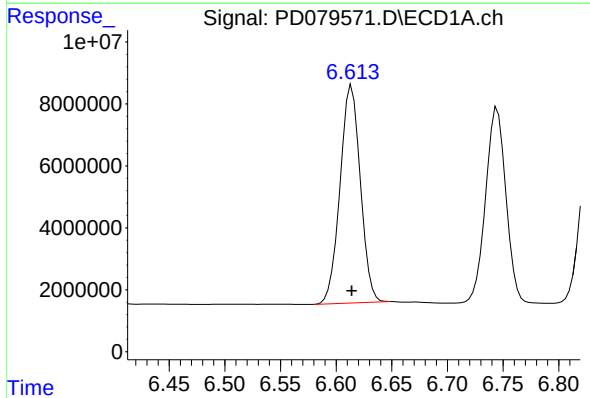
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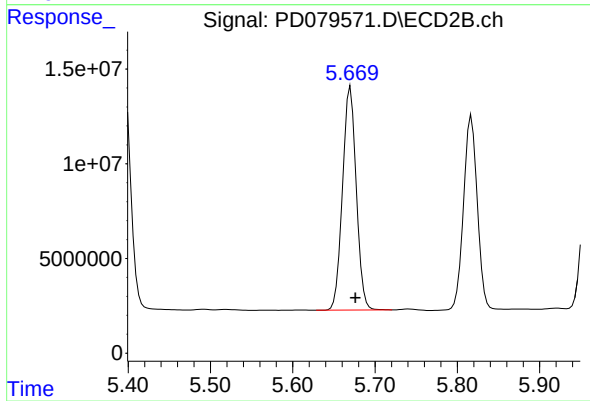
#13 Dieldrin

R.T.: 5.395 min
Delta R.T.: -0.006 min
Response: 154099073
Conc: 51.89 ng/ml



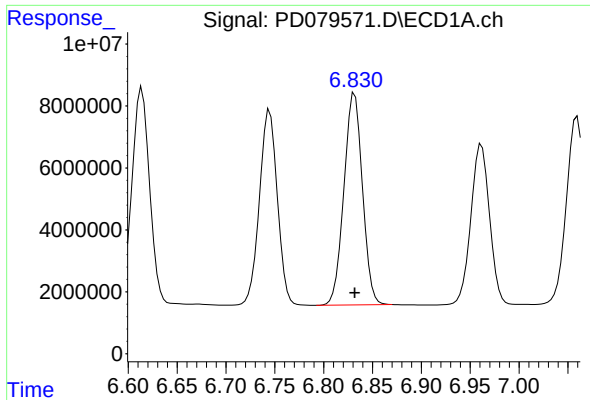
#14 Endrin

R.T.: 6.614 min
Delta R.T.: 0.000 min
Response: 89341482
Conc: 45.87 ng/ml



#14 Endrin

R.T.: 5.670 min
Delta R.T.: -0.006 min
Response: 136954720
Conc: 53.52 ng/ml



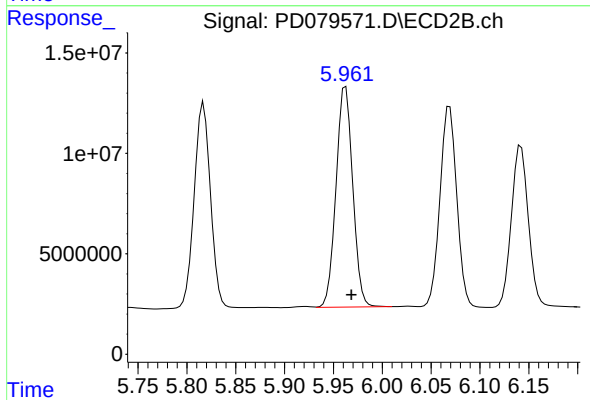
#15 Endosulfan II

R.T.: 6.832 min
Delta R.T.: 0.000 min
Response: 90281830
Conc: 44.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

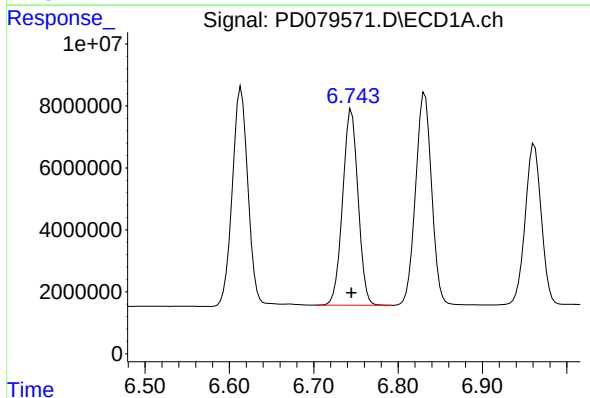
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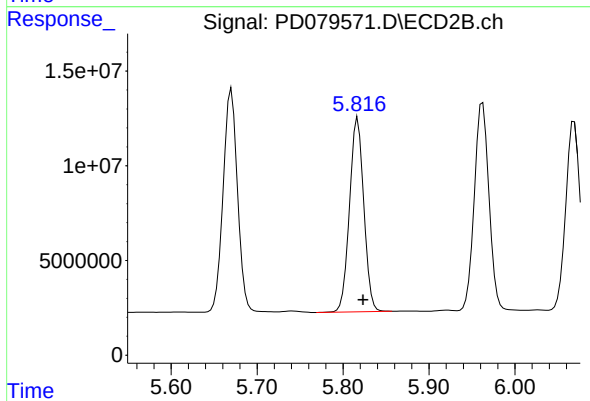
#15 Endosulfan II

R.T.: 5.962 min
Delta R.T.: -0.006 min
Response: 130809195
Conc: 52.40 ng/ml



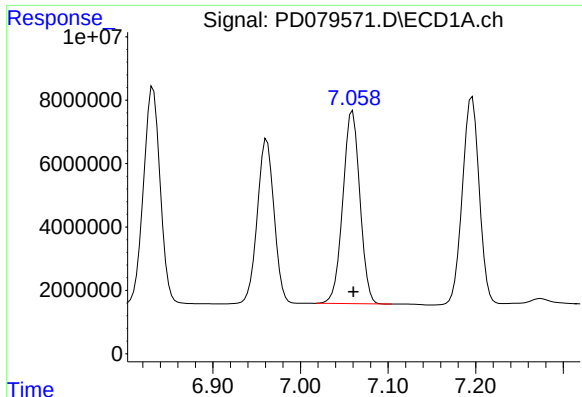
#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: 0.000 min
Response: 80486954
Conc: 45.78 ng/ml



#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: -0.006 min
Response: 118584109
Conc: 51.91 ng/ml



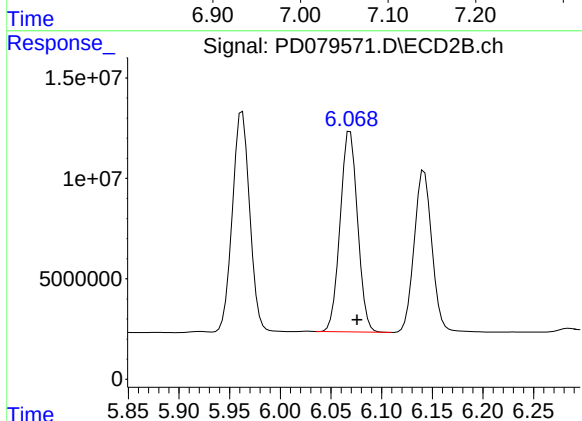
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 82321729
Conc: 43.47 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

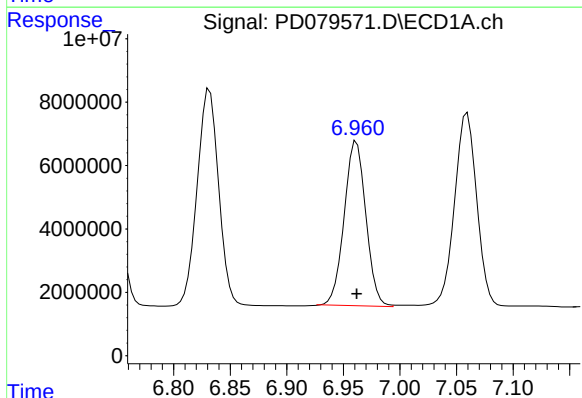
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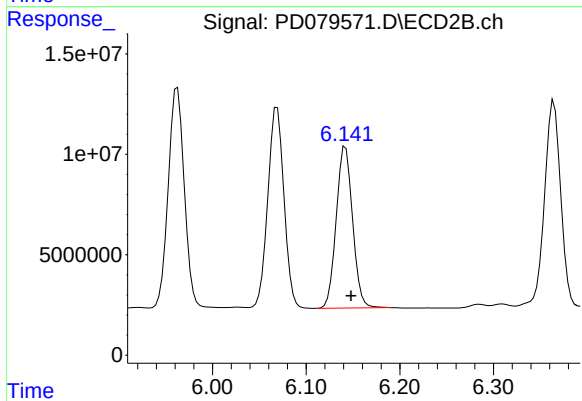
#17 4,4'-DDT

R.T.: 6.069 min
Delta R.T.: -0.007 min
Response: 119367679
Conc: 52.14 ng/ml



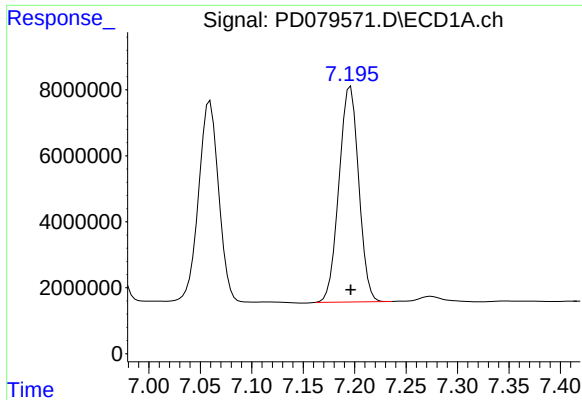
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.002 min
Response: 69153991
Conc: 44.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.142 min
Delta R.T.: -0.006 min
Response: 97726675
Conc: 52.56 ng/ml



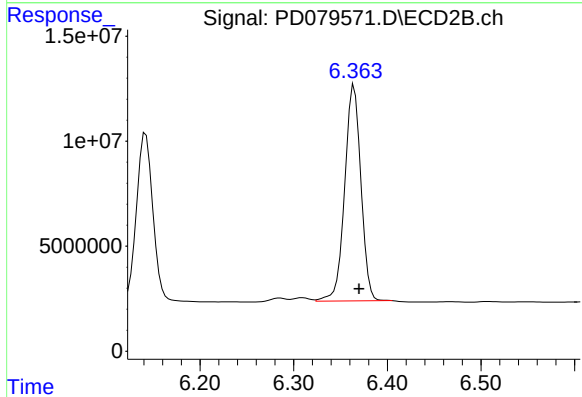
#19 Endosulfan Sulfate

R.T.: 7.196 min
Delta R.T.: 0.000 min
Response: 87326760
Conc: 43.92 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

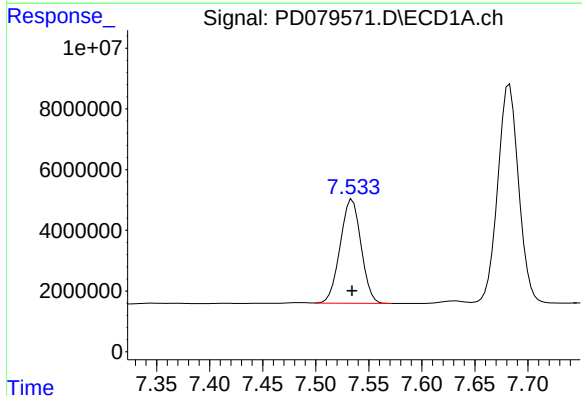
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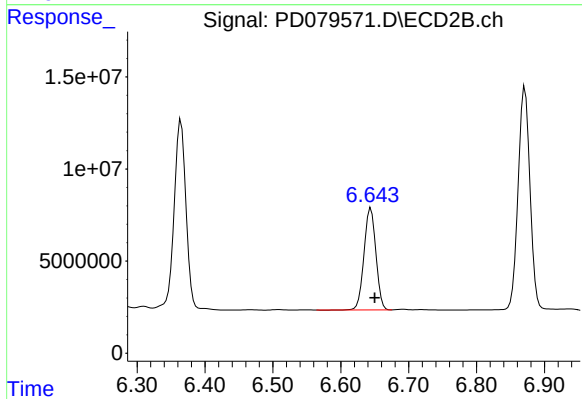
#19 Endosulfan Sulfate

R.T.: 6.365 min
Delta R.T.: -0.005 min
Response: 123916844
Conc: 53.07 ng/ml



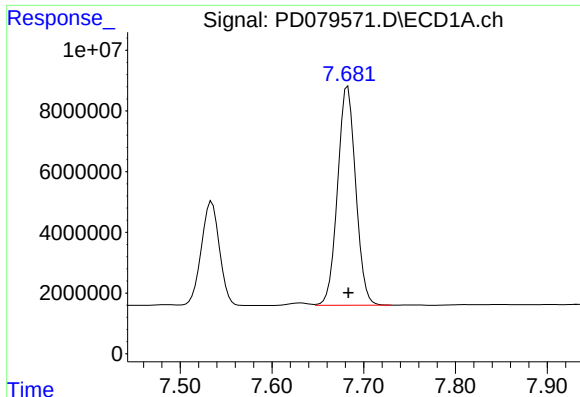
#20 Methoxychlor

R.T.: 7.534 min
Delta R.T.: 0.000 min
Response: 46899673
Conc: 42.80 ng/ml



#20 Methoxychlor

R.T.: 6.644 min
Delta R.T.: -0.006 min
Response: 67179872
Conc: 49.48 ng/ml



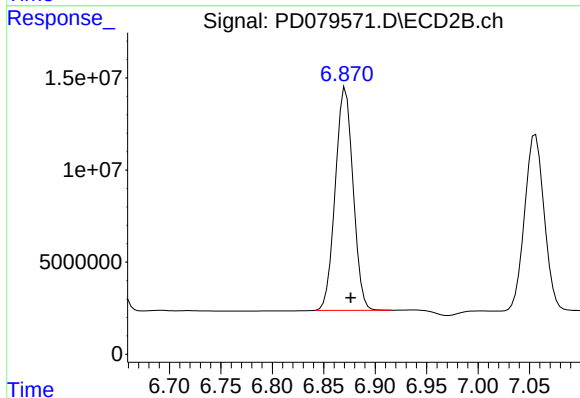
#21 Endrin ketone

R.T.: 7.683 min
Delta R.T.: 0.000 min
Response: 98987105
Conc: 45.40 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

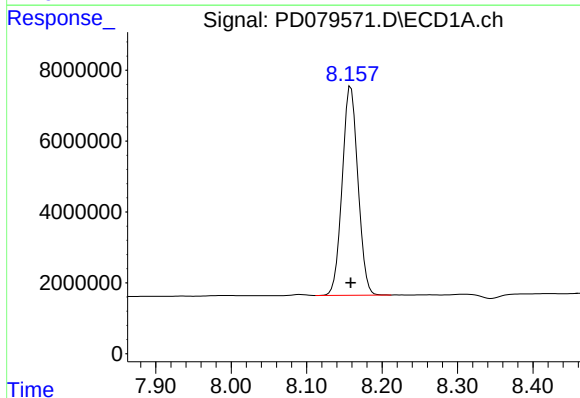
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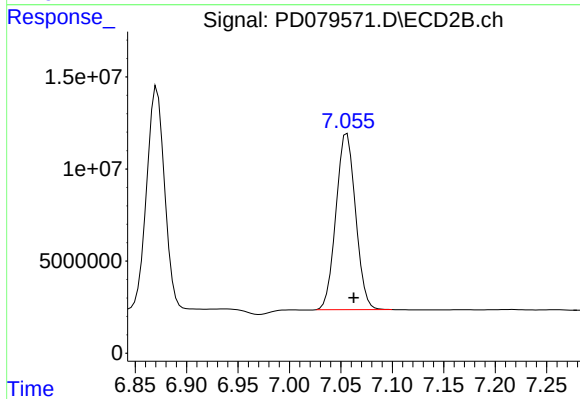
#21 Endrin ketone

R.T.: 6.871 min
Delta R.T.: -0.005 min
Response: 145541532
Conc: 52.06 ng/ml



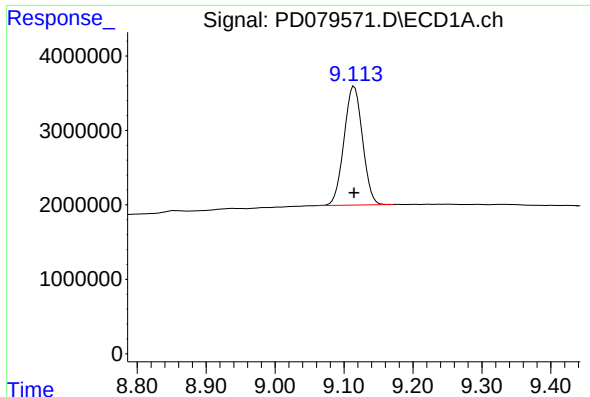
#22 Mirex

R.T.: 8.159 min
Delta R.T.: 0.000 min
Response: 85608223
Conc: 50.58 ng/ml



#22 Mirex

R.T.: 7.056 min
Delta R.T.: -0.006 min
Response: 126779423
Conc: 59.34 ng/ml



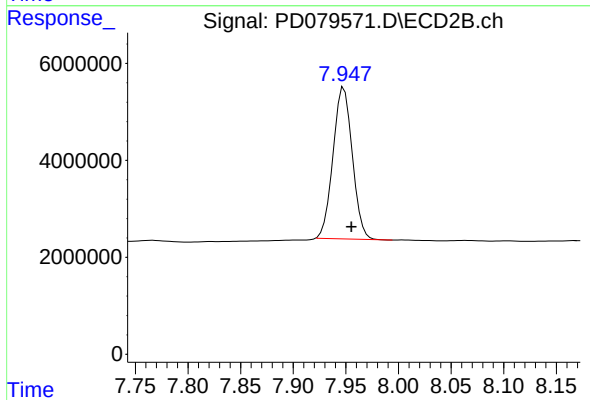
#28 Decachlorobiphenyl

R.T.: 9.115 min
Delta R.T.: 0.000 min
Response: 29724677
Conc: 14.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
SB-1MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/09/2023
Supervised By :Ankita Jodhani 11/09/2023



#28 Decachlorobiphenyl

R.T.: 7.948 min
Delta R.T.: -0.007 min
Response: 39875188
Conc: 16.36 ng/ml