

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079988.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 21:12
 Operator : AR\AJ
 Sample : 05629-04MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11985MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/07/2023
 Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 06 21:52:21 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 06 14:11:45 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...	3.566	2.800	23854473	25222682	15.827m	10.034m#
2) SA Decachlor...	9.112	7.942	18802898	30567008	9.289m	10.844m
Target Compounds						
2) A alpha-BHC	4.024	3.303	109.3E6	167.1E6	43.499	43.710
3) MA gamma-BHC...	4.356	3.633	102.0E6	156.9E6	43.043m	43.177
4) MA Heptachlor	4.950	3.975	109.3E6	161.2E6	44.440	45.963
5) MB Aldrin	5.294	4.255	102.8E6	153.0E6	43.270	42.967
6) B beta-BHC	4.551	3.927	43583894	67332133	43.550	43.616
7) B delta-BHC	4.800	4.159	105.3E6	160.3E6	42.983	42.576
8) B Heptachlo...	5.720	4.757	97036514	145.2E6	44.051	44.273
9) A Endosulfan I	6.107	5.127	90719605	133.3E6	44.118	44.159
10) B gamma-Chl...	5.976	5.006	103.6E6	150.4E6	47.595	46.657m
11) B alpha-Chl...	6.057	5.071	116.0E6	153.3E6	53.791	47.707
12) B 4,4'-DDE	6.227	5.261	86508645	134.9E6	43.144	44.746
13) MA Dieldrin	6.381	5.391	92773689	144.6E6	42.520m	44.159
14) MA Endrin	6.613	5.667	79853571	129.9E6	44.034	46.243
15) B Endosulfa...	6.831	5.959	78235645	118.9E6	41.067	43.593
16) A 4,4'-DDD	6.743	5.813	74266640	112.4E6	44.331m	43.632
17) MA 4,4'-DDT	7.059	6.065	80194633	116.3E6	45.075	45.763
18) B Endrin al...	6.961	6.138	60242675	89224889	42.051	43.463
19) B Endosulfa...	7.195	6.360	81650740	118.1E6	43.062	44.058
20) A Methoxychlor	7.533	6.640	42497240	63907832	42.996	43.703
21) B Endrin ke...	7.682	6.867	88477338	134.4E6	42.732	42.996
22) Mirex	8.158	7.051	65004827	100.0E6	39.738	41.331

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079988.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 06 Dec 2023 21:12
Operator : AR\AJ
Sample : 05629-04MSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

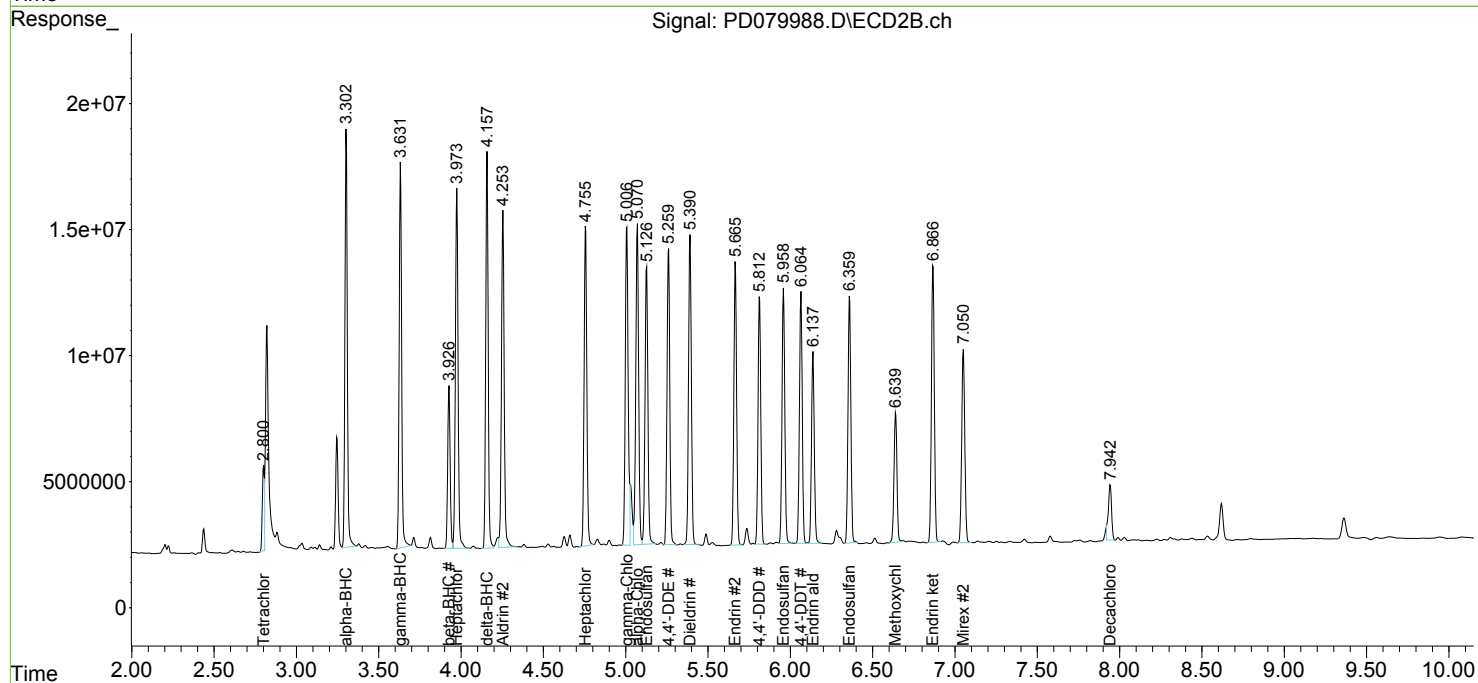
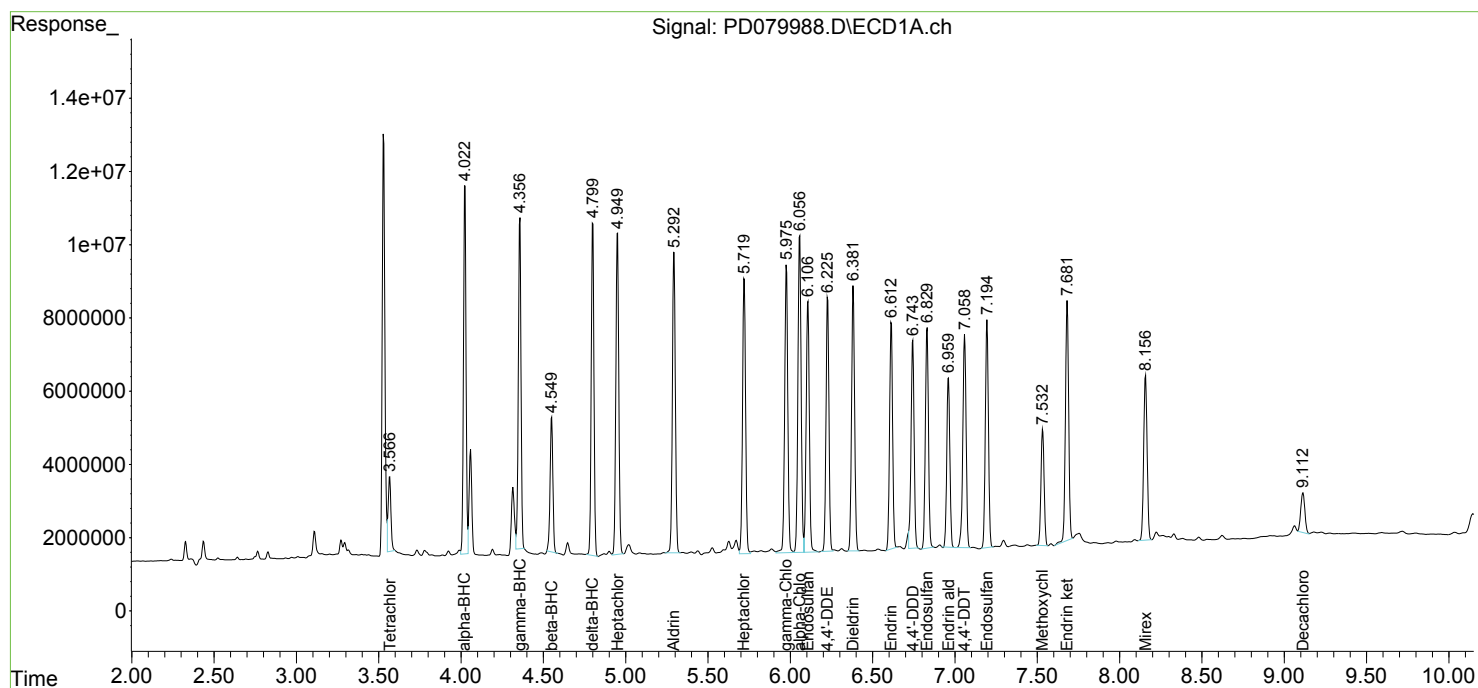
Instrument :
ECD_D
ClientSampleId :
72-11985MSD

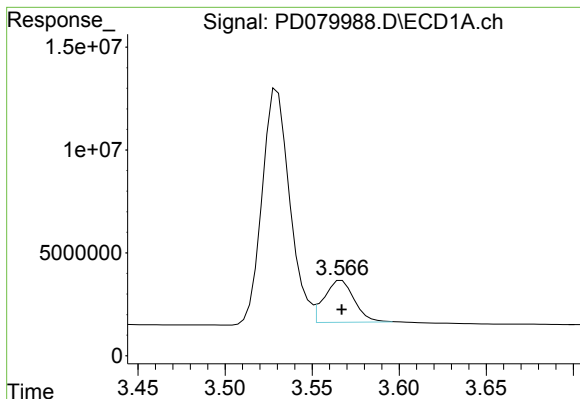
Manual Integrations
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Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:52:21 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.M
Quant Title : GC Extractables
QLast Update : Wed Dec 06 14:11:45 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





#1 Tetrachloro-m-xylene

R.T.: 3.566 min
Delta R.T.: -0.001 min
Response: 23854473
Conc: 15.83 ng/ml

Instrument :

ECD_D

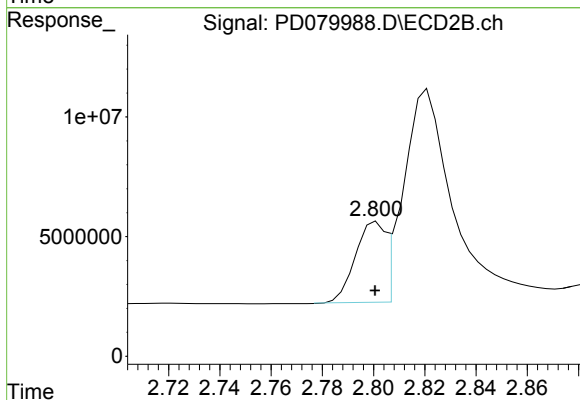
ClientSampleId :

72-11985MSD

Manual Integrations

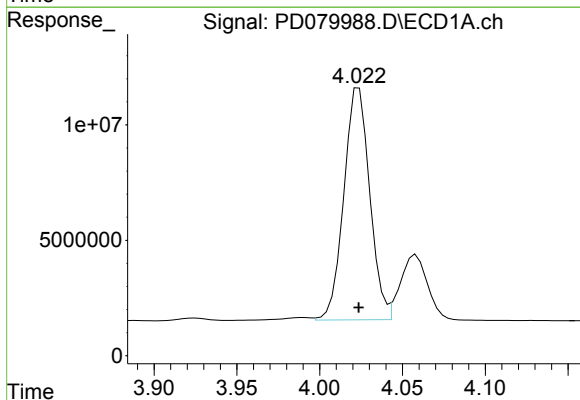
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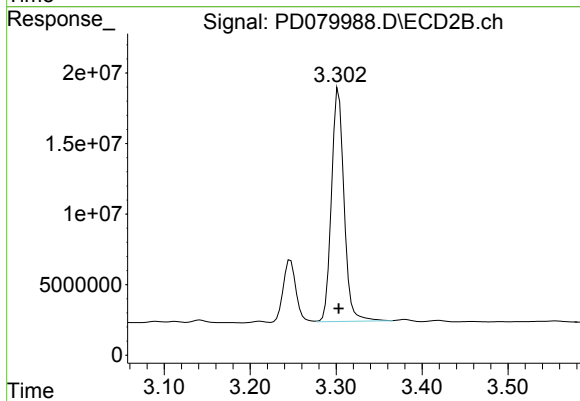
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: 0.000 min
Response: 25222682
Conc: 10.03 ng/ml m



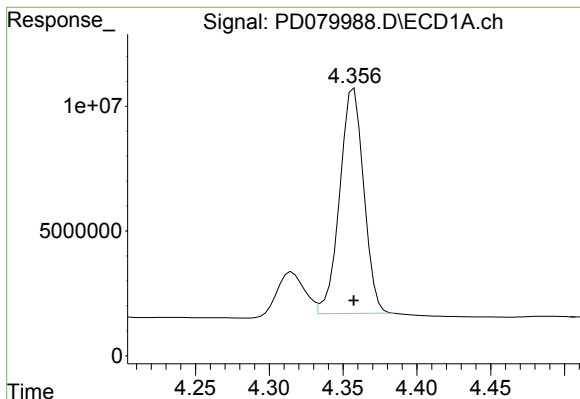
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 109265193
Conc: 43.50 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 167133910
Conc: 43.71 ng/ml



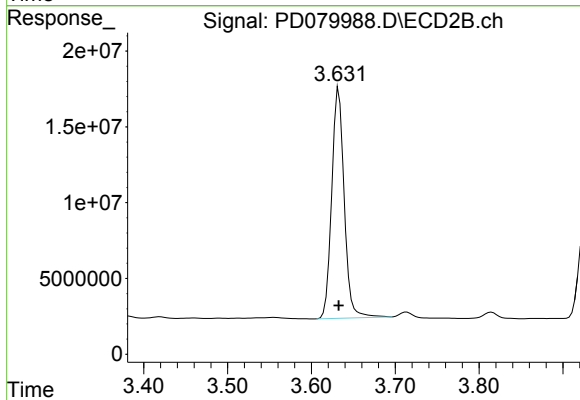
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 101978067
Conc: 43.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

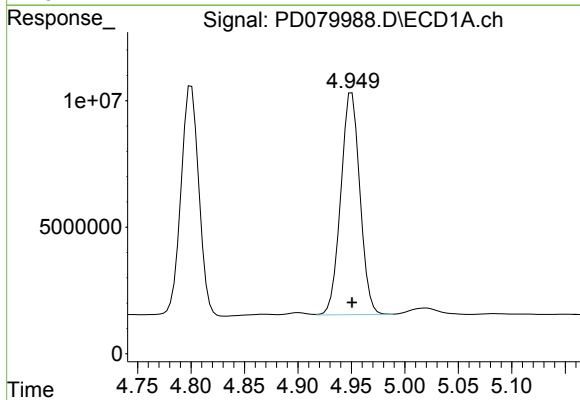
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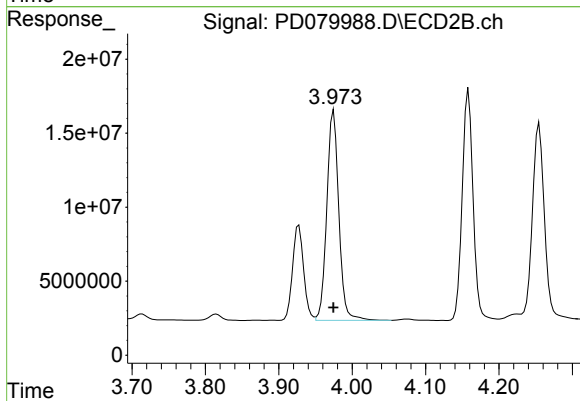
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 156907153
Conc: 43.18 ng/ml



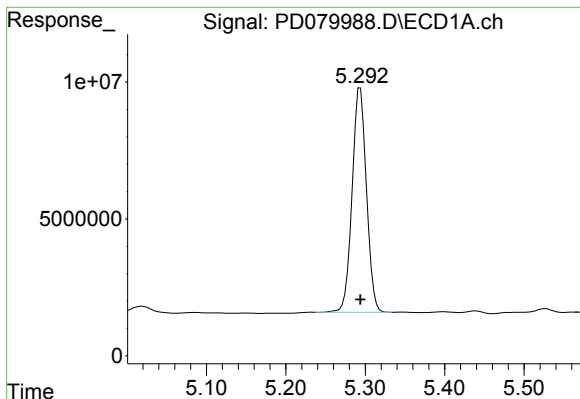
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 109290816
Conc: 44.44 ng/ml



#4 Heptachlor

R.T.: 3.975 min
Delta R.T.: 0.000 min
Response: 161166149
Conc: 45.96 ng/ml



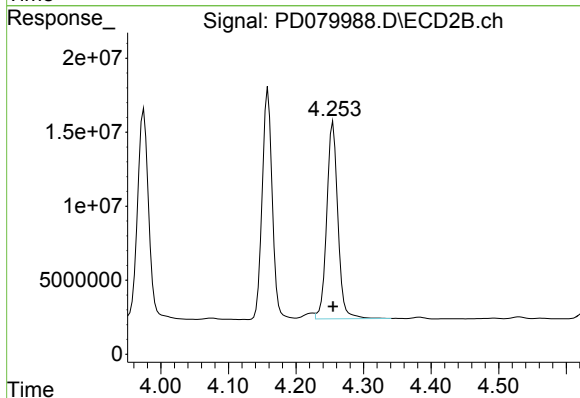
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 102754156
Conc: 43.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
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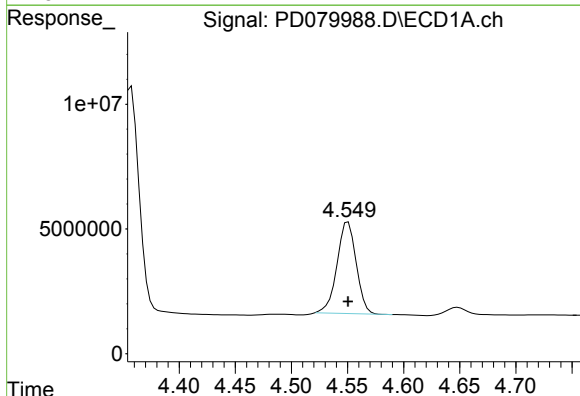
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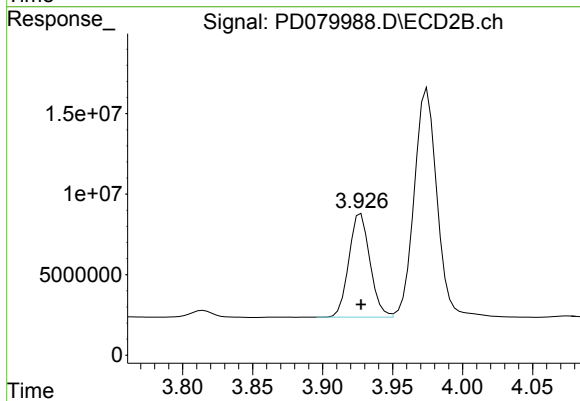
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 152965819
Conc: 42.97 ng/ml



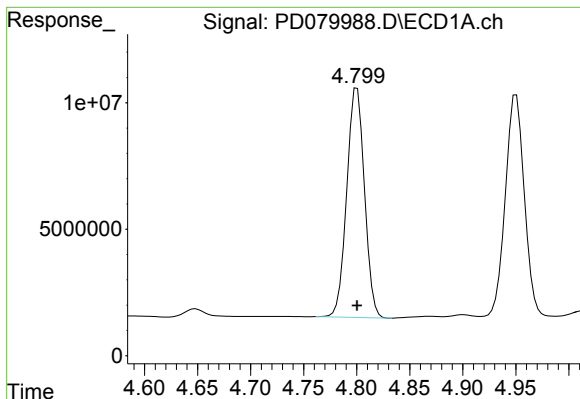
#6 beta-BHC

R.T.: 4.551 min
Delta R.T.: 0.000 min
Response: 43583894
Conc: 43.55 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 67332133
Conc: 43.62 ng/ml



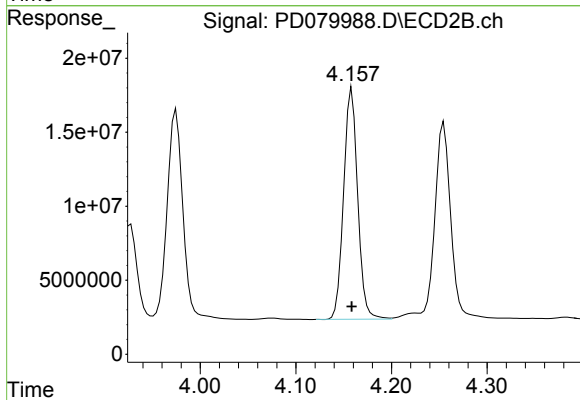
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 105262114
Conc: 42.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

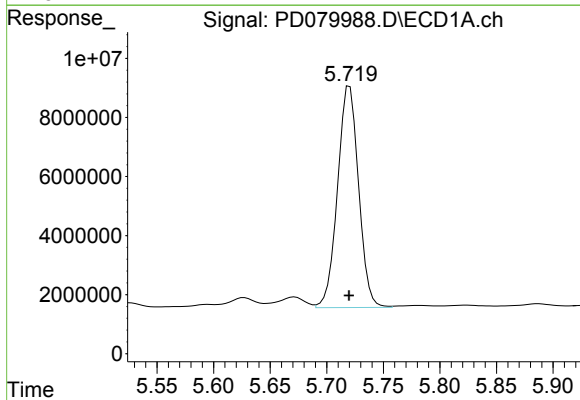
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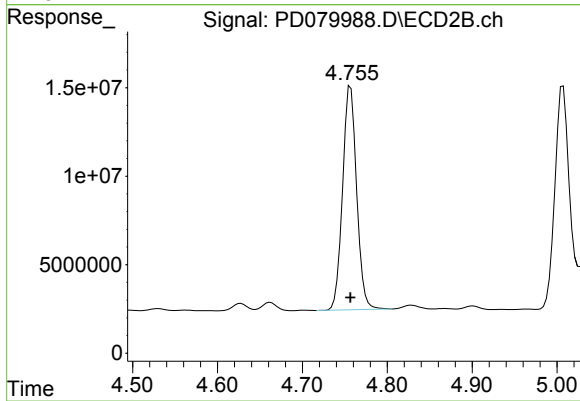
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 160323242
Conc: 42.58 ng/ml



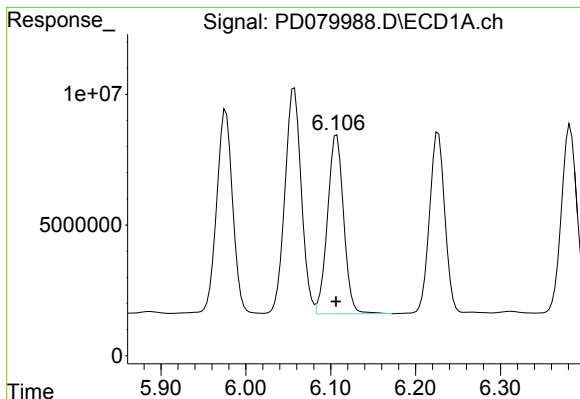
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 97036514
Conc: 44.05 ng/ml



#8 Heptachlor epoxide

R.T.: 4.757 min
Delta R.T.: 0.000 min
Response: 145187088
Conc: 44.27 ng/ml



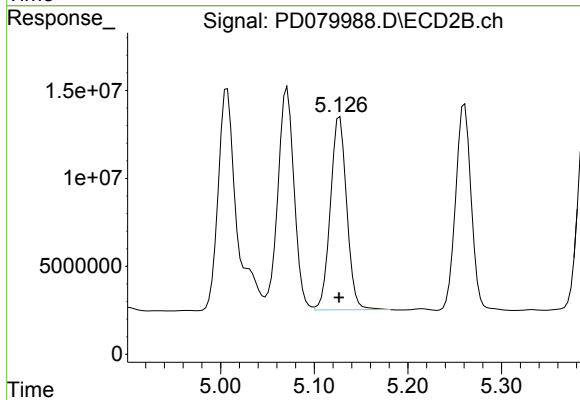
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 90719605
Conc: 44.12 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

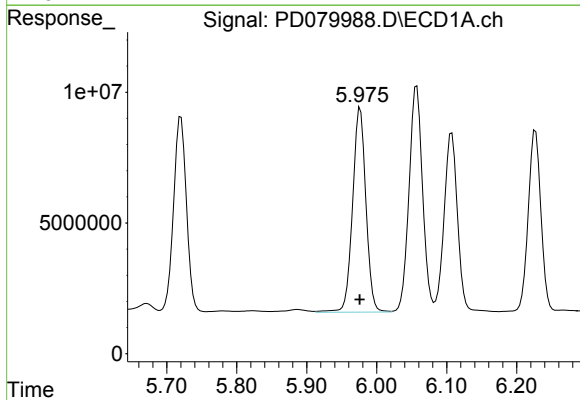
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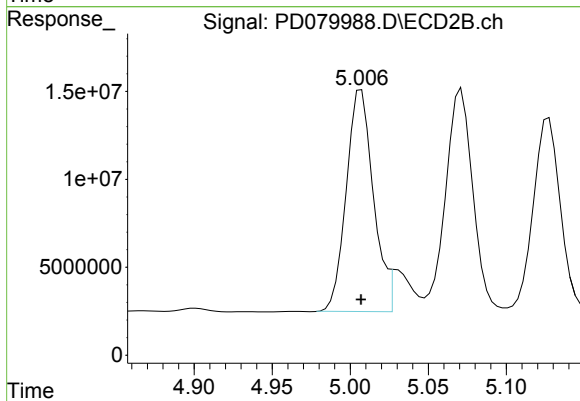
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 133327640
Conc: 44.16 ng/ml



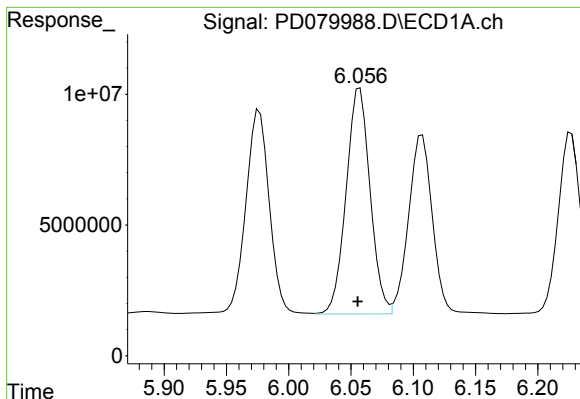
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 103612258
Conc: 47.59 ng/ml



#10 gamma-Chlordane

R.T.: 5.006 min
Delta R.T.: -0.001 min
Response: 150405933
Conc: 46.66 ng/ml m



#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 116036846
Conc: 53.79 ng/ml

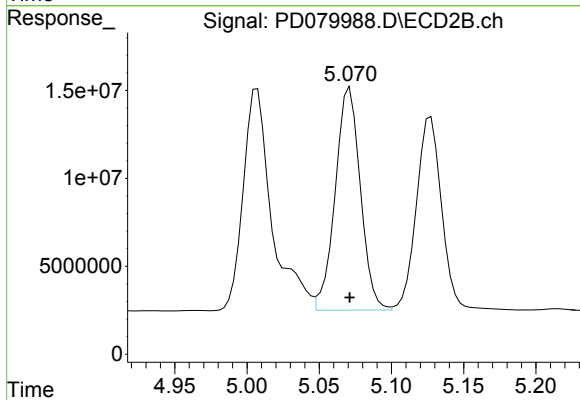
Instrument :

ECD_D

ClientSampleId :
72-11985MSD

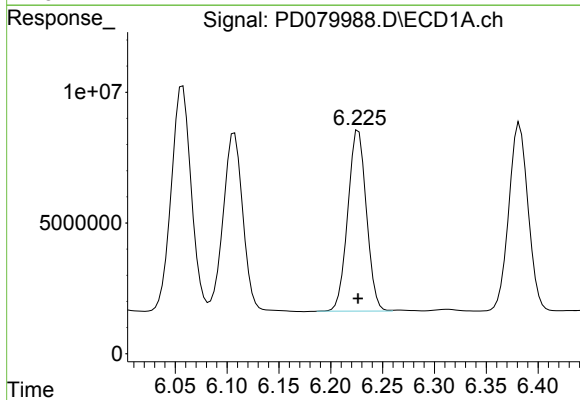
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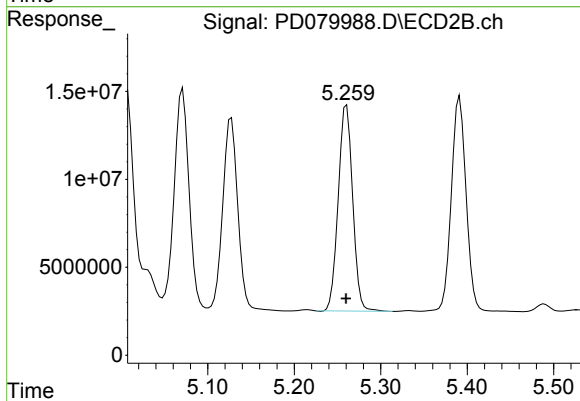
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 153323022
Conc: 47.71 ng/ml



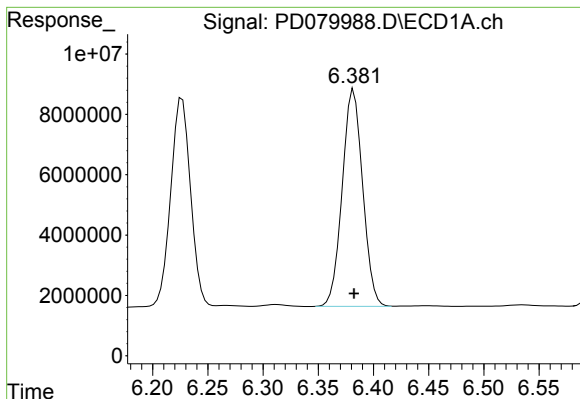
#12 4,4'-DDE

R.T.: 6.227 min
Delta R.T.: 0.000 min
Response: 86508645
Conc: 43.14 ng/ml



#12 4,4'-DDE

R.T.: 5.261 min
Delta R.T.: 0.000 min
Response: 134875044
Conc: 44.75 ng/ml



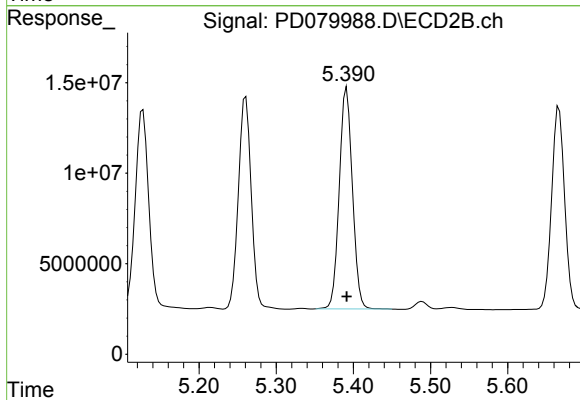
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 92773689
Conc: 42.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

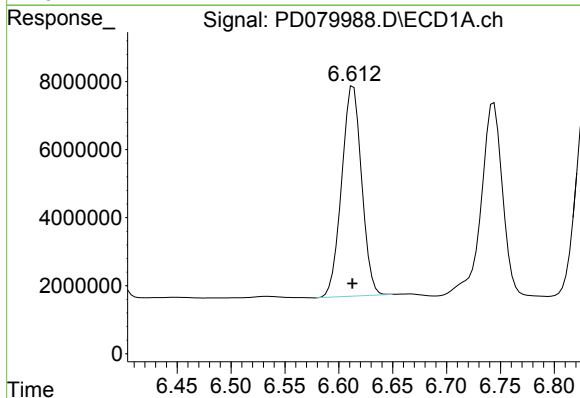
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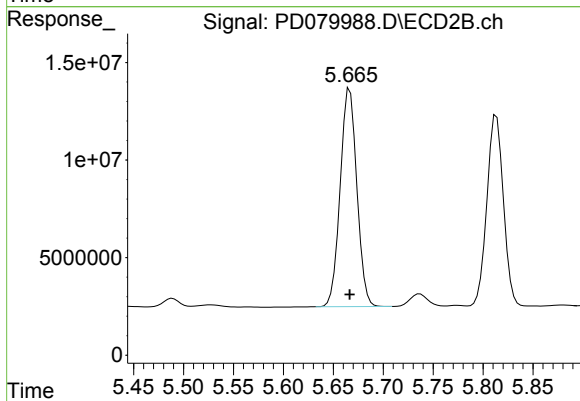
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 144595786
Conc: 44.16 ng/ml



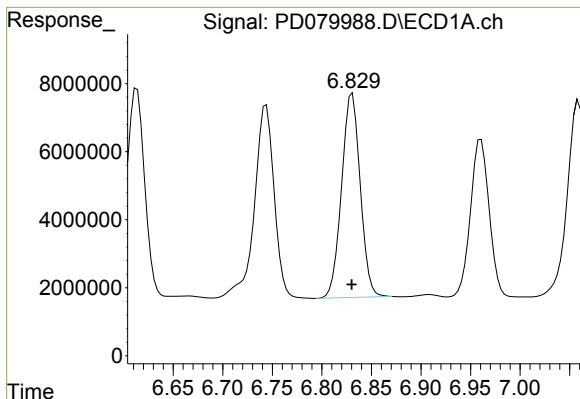
#14 Endrin

R.T.: 6.613 min
Delta R.T.: 0.000 min
Response: 79853571
Conc: 44.03 ng/ml



#14 Endrin

R.T.: 5.667 min
Delta R.T.: 0.000 min
Response: 129945379
Conc: 46.24 ng/ml



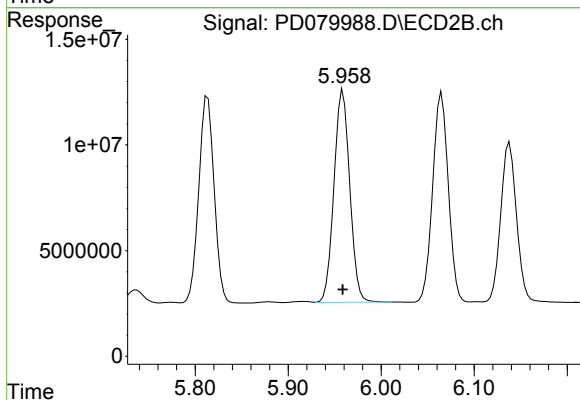
#15 Endosulfan II

R.T.: 6.831 min
Delta R.T.: 0.000 min
Response: 78235645
Conc: 41.07 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

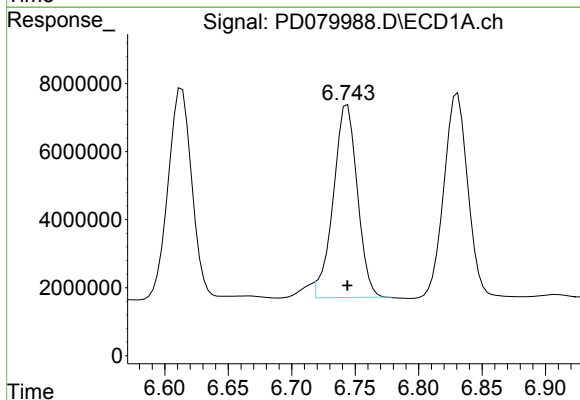
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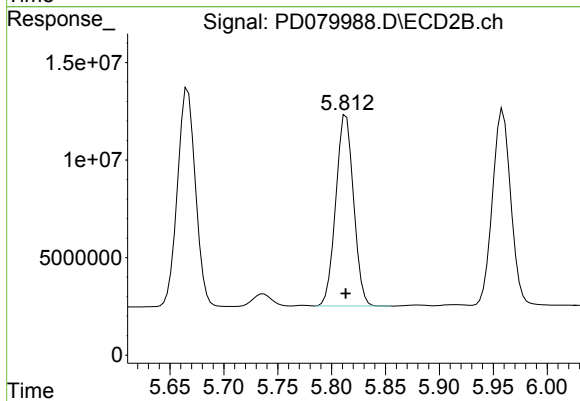
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 118945713
Conc: 43.59 ng/ml



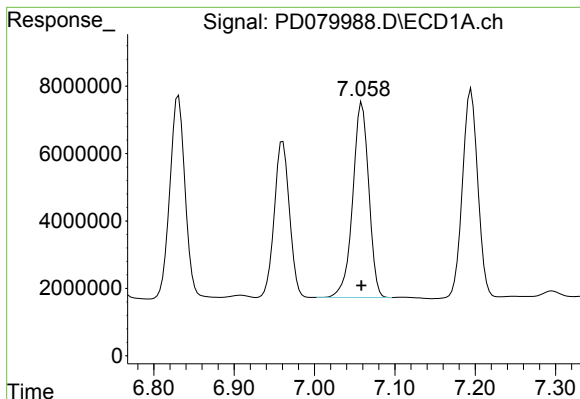
#16 4,4'-DDD

R.T.: 6.743 min
Delta R.T.: -0.001 min
Response: 74266640
Conc: 44.33 ng/ml m



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 112354274
Conc: 43.63 ng/ml



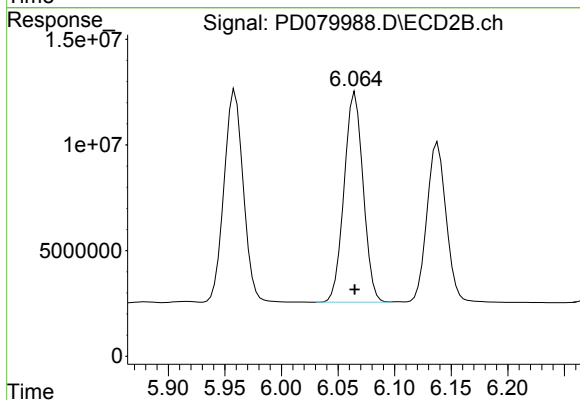
#17 4,4'-DDT

R.T.: 7.059 min
Delta R.T.: 0.000 min
Response: 80194633
Conc: 45.08 ng/ml

Instrument :
ECD_D
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72-11985MSD

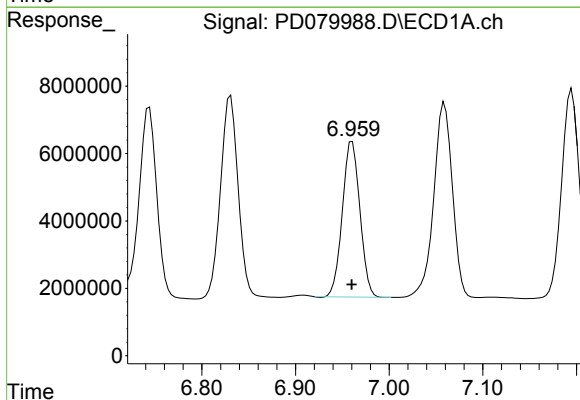
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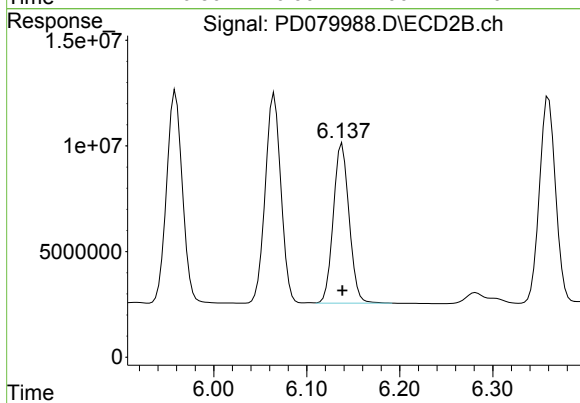
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 116263417
Conc: 45.76 ng/ml



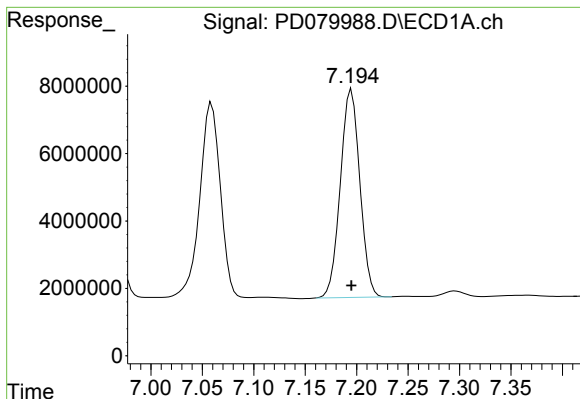
#18 Endrin aldehyde

R.T.: 6.961 min
Delta R.T.: 0.000 min
Response: 60242675
Conc: 42.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 89224889
Conc: 43.46 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 81650740
Conc: 43.06 ng/ml

Instrument :

ECD_D

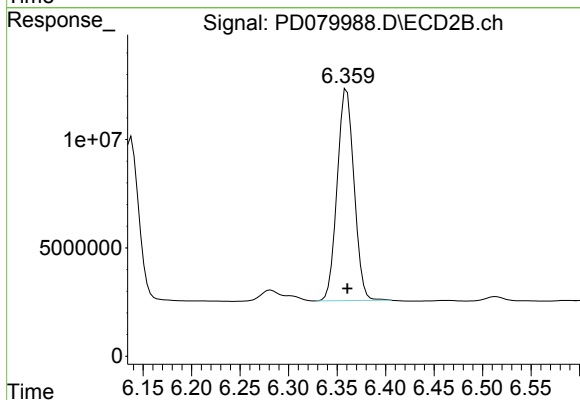
ClientSampleId :

72-11985MSD

Manual Integrations

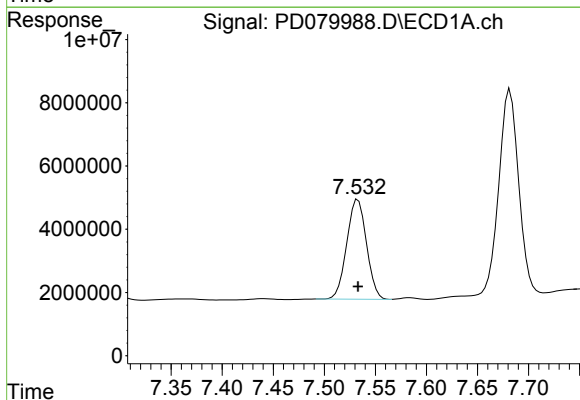
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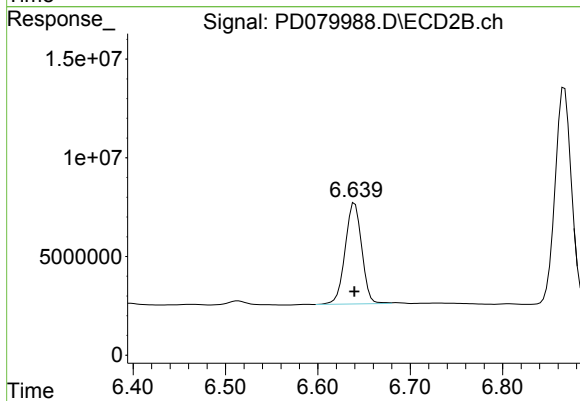
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 118118862
Conc: 44.06 ng/ml



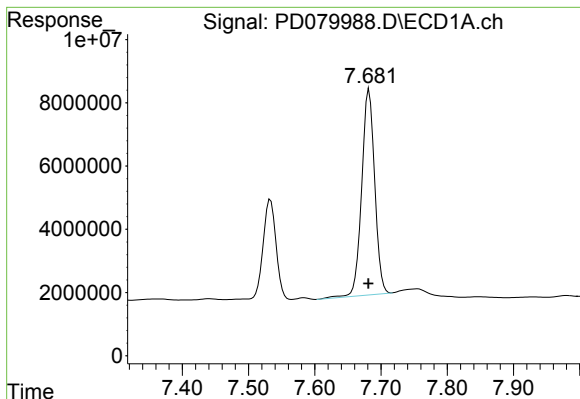
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 42497240
Conc: 43.00 ng/ml



#20 Methoxychlor

R.T.: 6.640 min
Delta R.T.: 0.000 min
Response: 63907832
Conc: 43.70 ng/ml



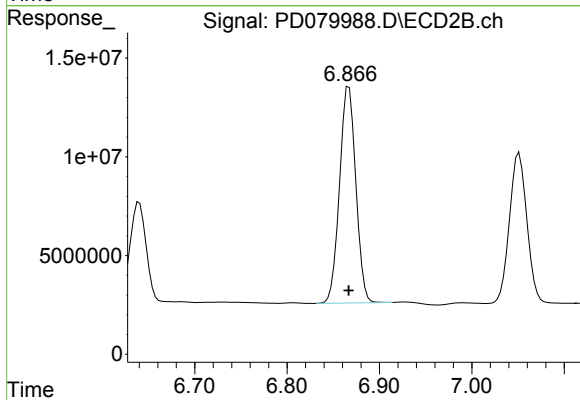
#21 Endrin ketone

R.T.: 7.682 min
Delta R.T.: 0.000 min
Response: 88477338
Conc: 42.73 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MSD

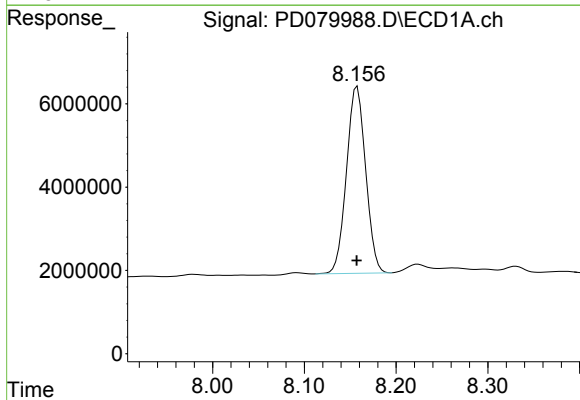
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 12/07/2023
Supervised By :Ankita Jodhani 12/07/2023



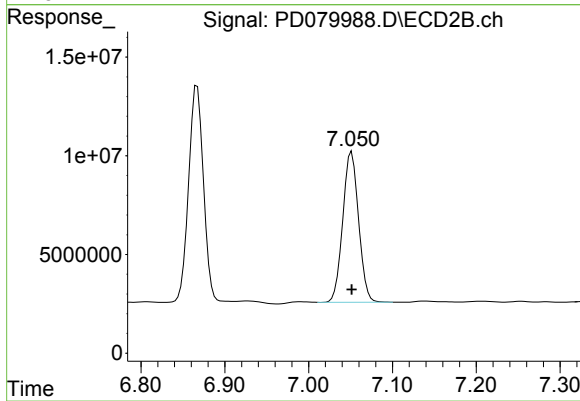
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 134375813
Conc: 43.00 ng/ml



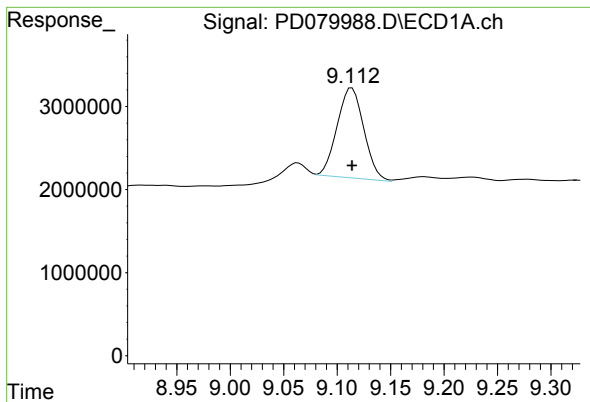
#22 Mirex

R.T.: 8.158 min
Delta R.T.: 0.000 min
Response: 65004827
Conc: 39.74 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 100028294
Conc: 41.33 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.112 min
Delta R.T.: -0.002 min
Response: 18802898
Conc: 9.29 ng/ml

Instrument :

ECD_D

ClientSampleId :

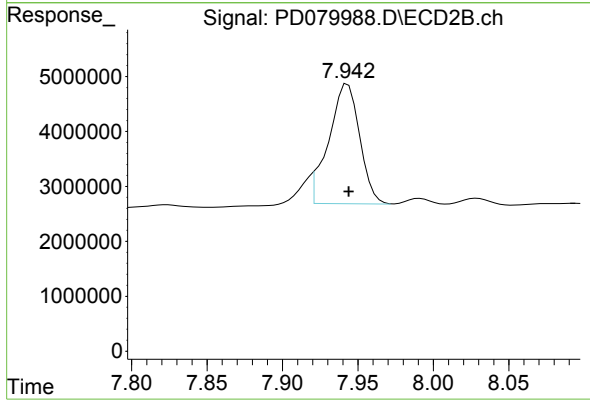
72-11985MSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 7.942 min
Delta R.T.: -0.002 min
Response: 30567008
Conc: 10.84 ng/ml m