

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
 Data File : PD079987.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Dec 2023 20:58
 Operator : AR\AJ
 Sample : 05629-04MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11985MS

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 21:52:06 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	21914000	31431968	14.540m	12.504m
2) SA Decachlor...	9.113	7.941	18399353	30379654	9.090m	10.777m
Target Compounds						
2) A alpha-BHC	4.024	3.303	109.2E6	166.7E6	43.484	43.596
3) MA gamma-BHC...	4.356	3.632	102.5E6	156.5E6	43.256m	43.052
4) MA Heptachlor	4.950	3.974	109.3E6	160.5E6	44.431	45.772
5) MB Aldrin	5.294	4.255	102.3E6	152.1E6	43.088	42.728
6) B beta-BHC	4.550	3.927	42915795	67009938	42.883	43.407
7) B delta-BHC	4.800	4.159	104.9E6	159.7E6	42.818	42.417
8) B Heptachlo...	5.720	4.756	96294174	144.9E6	43.714	44.176
9) A Endosulfan I	6.107	5.127	90105571	133.1E6	43.820	44.072
10) B gamma-Chl...	5.976	5.005	102.6E6	146.9E6	47.148	45.563m
11) B alpha-Chl...	6.057	5.071	115.3E6	152.8E6	53.443	47.556
12) B 4,4'-DDE	6.226	5.260	86297449	134.9E6	43.039	44.768
13) MA Dieldrin	6.381	5.391	92861270	143.9E6	42.561m	43.946
14) MA Endrin	6.612	5.666	80004802	129.6E6	44.117	46.122
15) B Endosulfa...	6.830	5.959	78177193	118.4E6	41.037	43.386
16) A 4,4'-DDD	6.742	5.813	72826462	112.3E6	43.472m	43.628
17) MA 4,4'-DDT	7.058	6.065	80036203	115.9E6	44.986	45.628
18) B Endrin al...	6.960	6.138	60328805	89326948	42.111	43.513
19) B Endosulfa...	7.195	6.360	81498760	117.8E6	42.982	43.935
20) A Methoxychlor	7.533	6.639	42399090	63710449	42.897	43.568
21) B Endrin ke...	7.681	6.867	87157186	133.8E6	42.095	42.809
22) Mirex	8.157	7.051	65066738	99725338	39.776	41.206

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD120623\
Data File : PD079987.D
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Acq On : 06 Dec 2023 20:58
Operator : AR\AJ
Sample : 05629-04MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

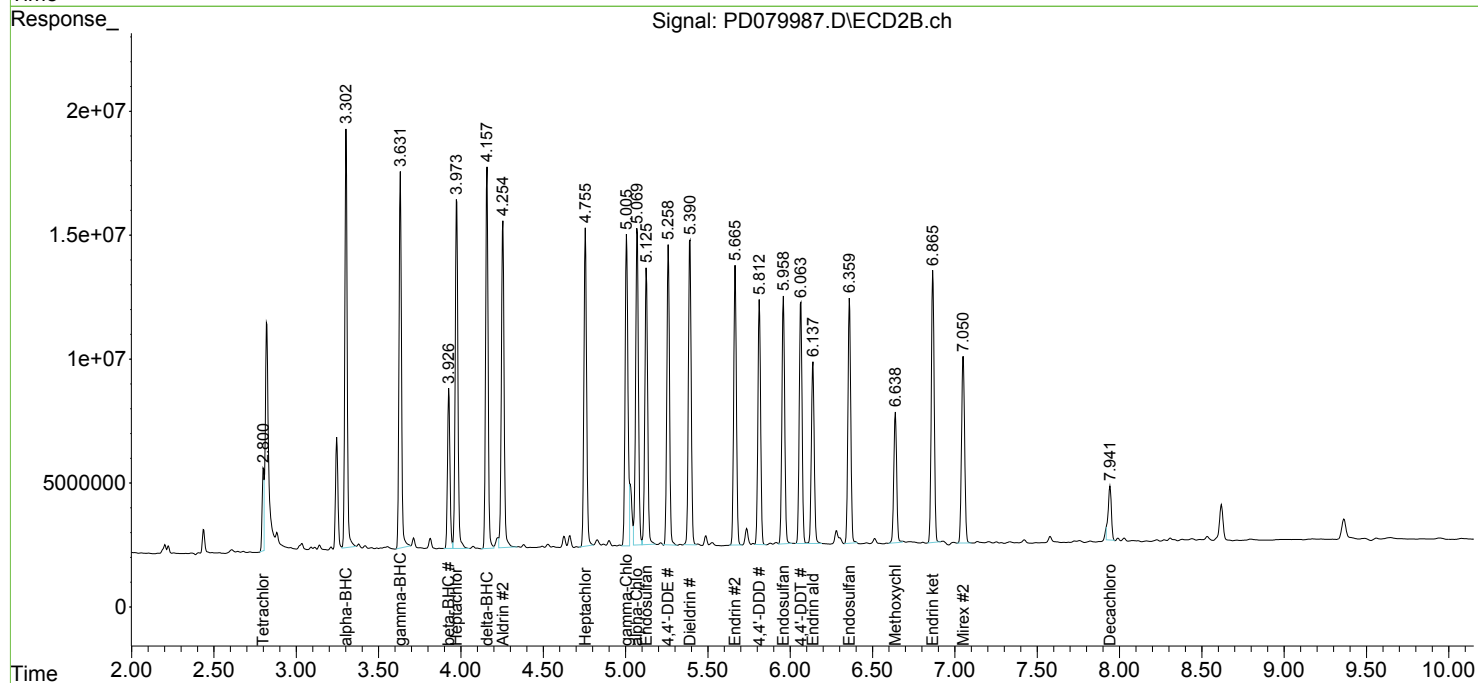
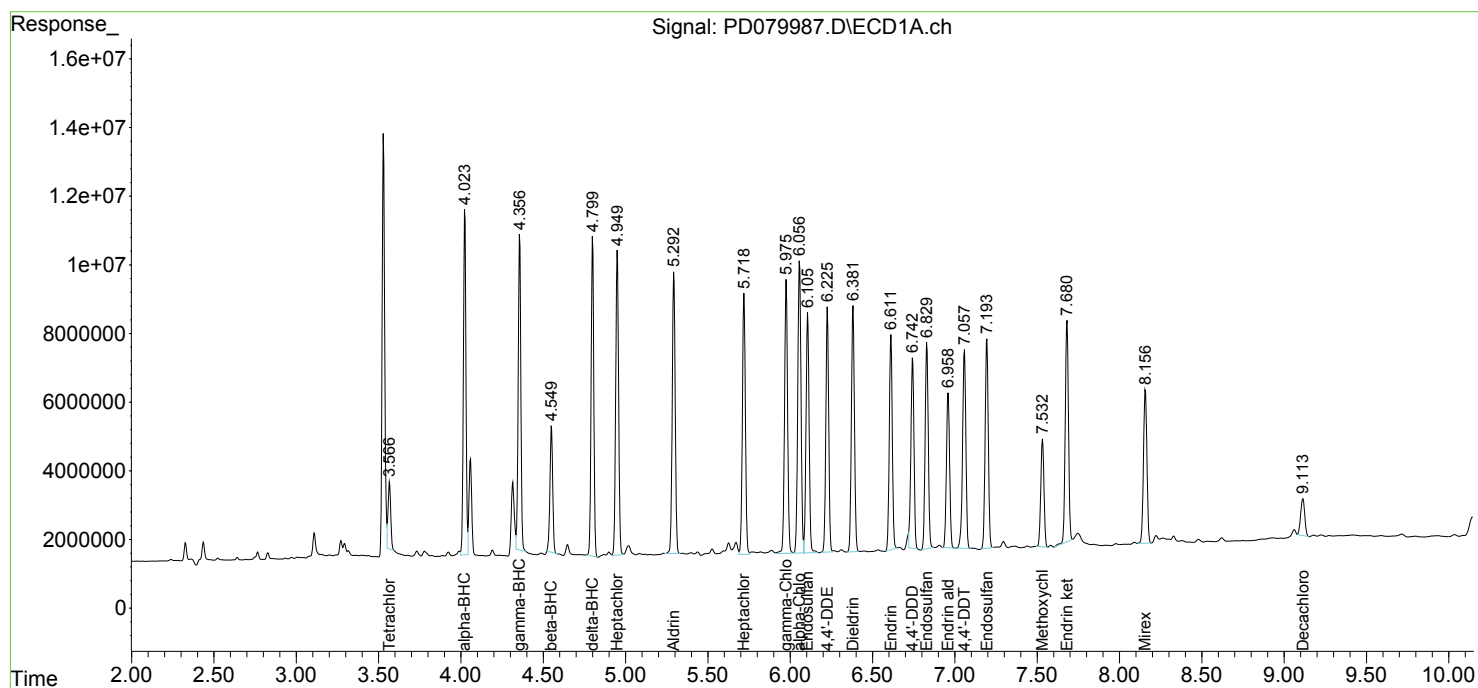
Instrument :
ECD_D
ClientSampleId :
72-11985MS

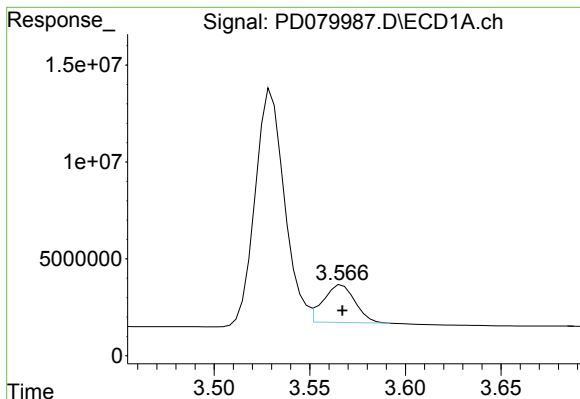
Manual Integrations
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Supervised By :Ankita Jodhani 12/07/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 06 21:52:06 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD120623.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.: 3.566 min
Delta R.T.: -0.002 min
Response: 21914000
Conc: 14.54 ng/ml

Instrument :

ECD_D

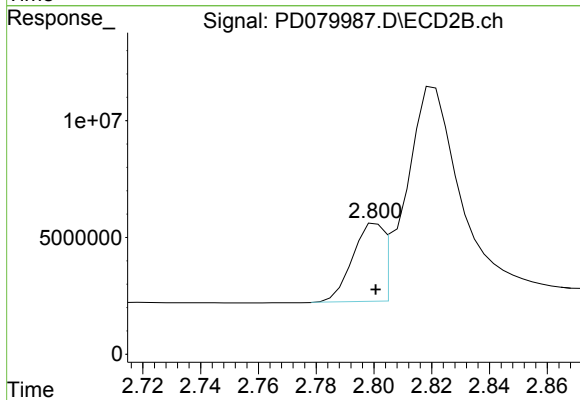
ClientSampleId :

72-11985MS

Manual Integrations

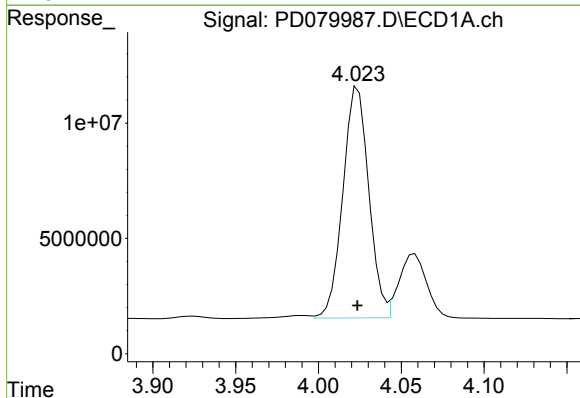
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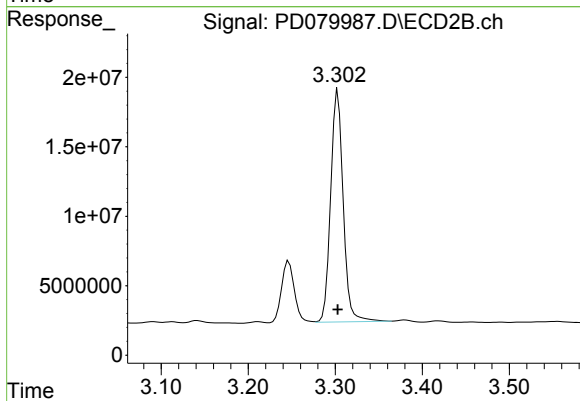
#1 Tetrachloro-m-xylene

R.T.: 2.800 min
Delta R.T.: -0.001 min
Response: 31431968
Conc: 12.50 ng/ml m



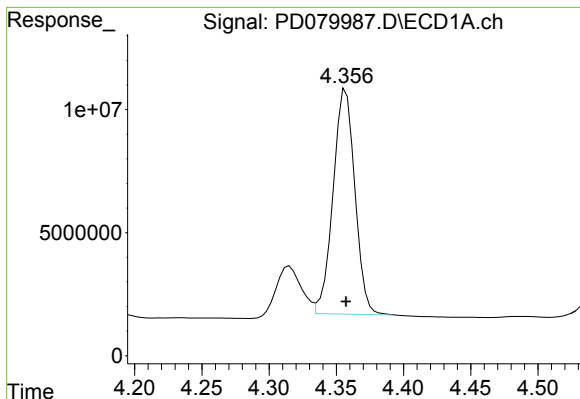
#2 alpha-BHC

R.T.: 4.024 min
Delta R.T.: 0.000 min
Response: 109226651
Conc: 43.48 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 166698562
Conc: 43.60 ng/ml



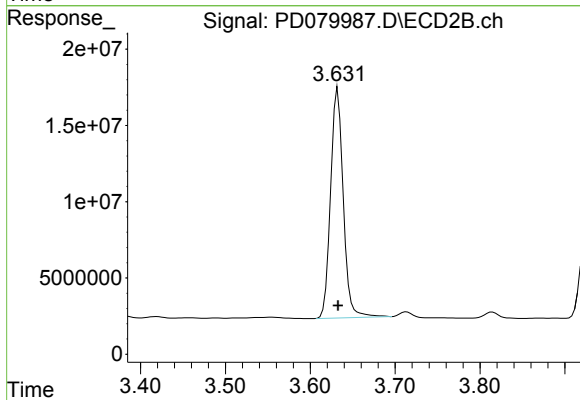
#3 gamma-BHC (Lindane)

R.T.: 4.356 min
Delta R.T.: -0.001 min
Response: 102482138
Conc: 43.26 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

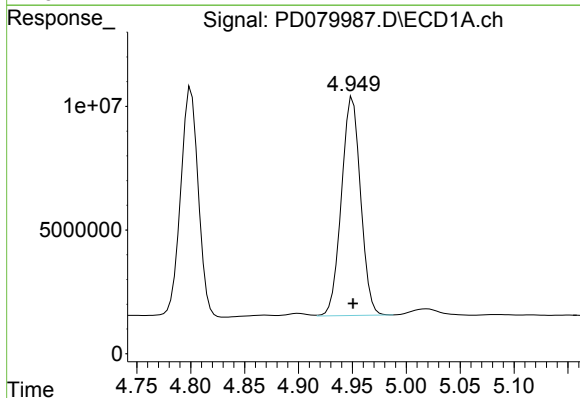
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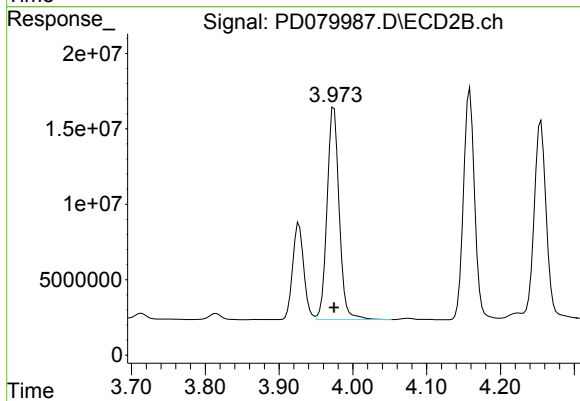
#3 gamma-BHC (Lindane)

R.T.: 3.632 min
Delta R.T.: 0.000 min
Response: 156451332
Conc: 43.05 ng/ml



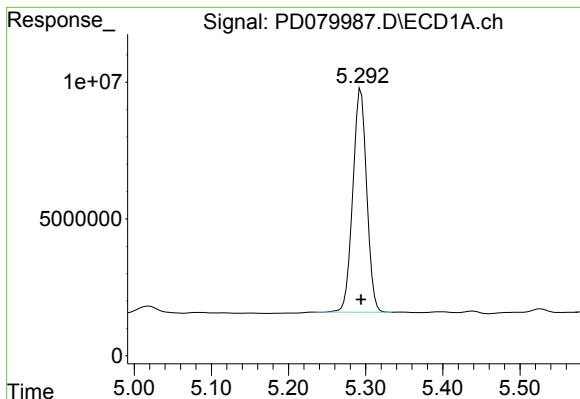
#4 Heptachlor

R.T.: 4.950 min
Delta R.T.: 0.000 min
Response: 109269219
Conc: 44.43 ng/ml



#4 Heptachlor

R.T.: 3.974 min
Delta R.T.: 0.000 min
Response: 160496165
Conc: 45.77 ng/ml



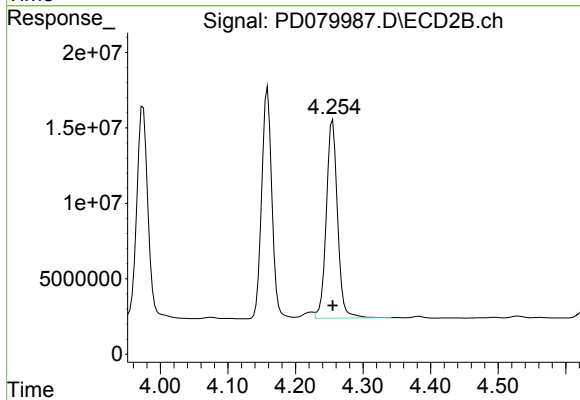
#5 Aldrin

R.T.: 5.294 min
Delta R.T.: 0.000 min
Response: 102321106
Conc: 43.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

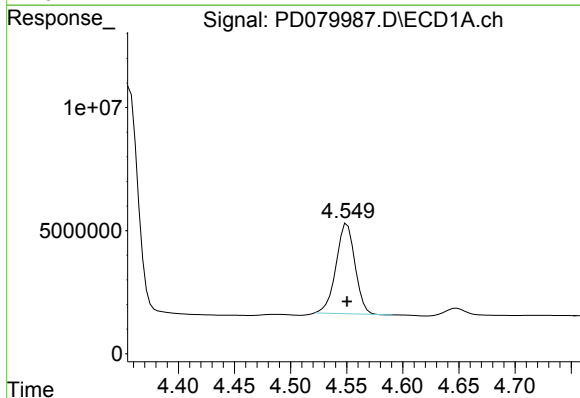
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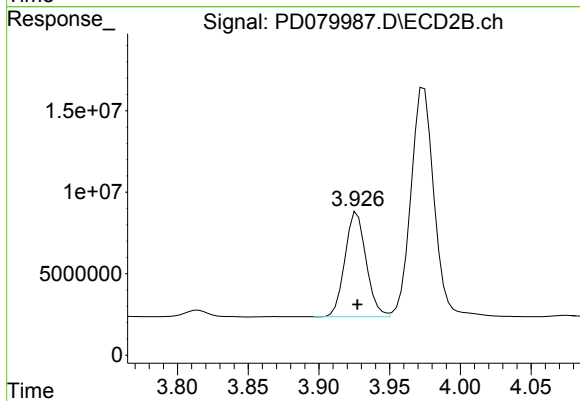
#5 Aldrin

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 152116304
Conc: 42.73 ng/ml



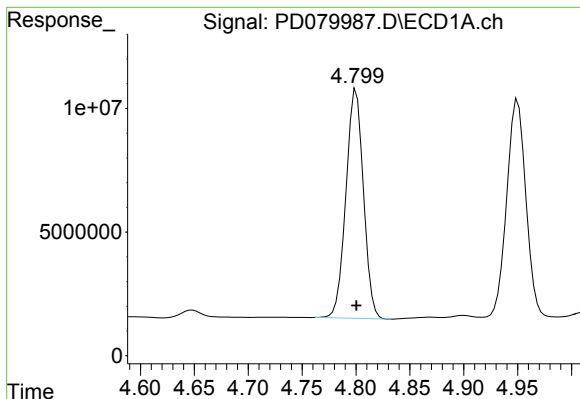
#6 beta-BHC

R.T.: 4.550 min
Delta R.T.: 0.000 min
Response: 42915795
Conc: 42.88 ng/ml



#6 beta-BHC

R.T.: 3.927 min
Delta R.T.: 0.000 min
Response: 67009938
Conc: 43.41 ng/ml



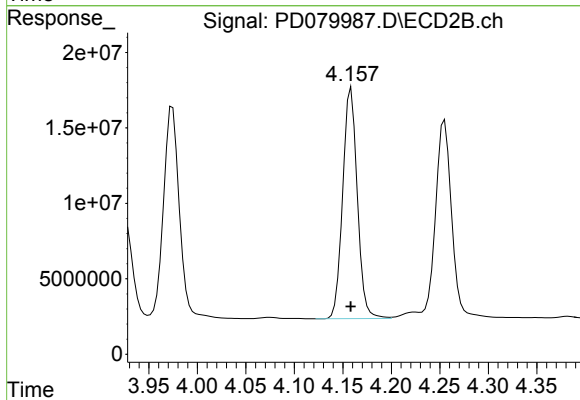
#7 delta-BHC

R.T.: 4.800 min
Delta R.T.: 0.000 min
Response: 104859587
Conc: 42.82 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

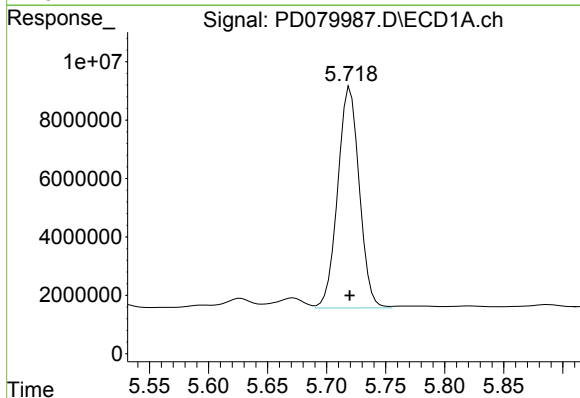
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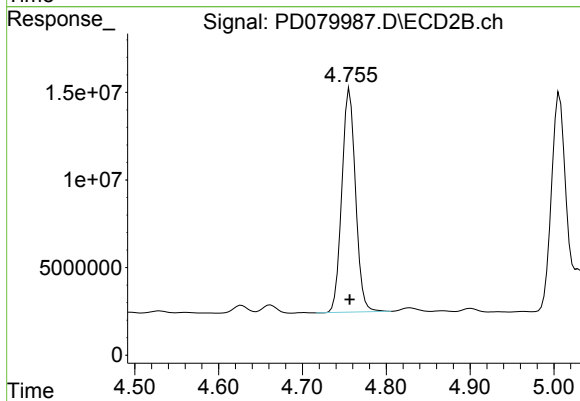
#7 delta-BHC

R.T.: 4.159 min
Delta R.T.: 0.000 min
Response: 159727131
Conc: 42.42 ng/ml



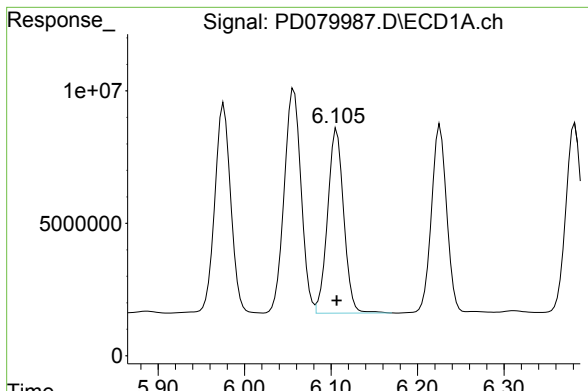
#8 Heptachlor epoxide

R.T.: 5.720 min
Delta R.T.: 0.000 min
Response: 96294174
Conc: 43.71 ng/ml



#8 Heptachlor epoxide

R.T.: 4.756 min
Delta R.T.: 0.000 min
Response: 144869918
Conc: 44.18 ng/ml



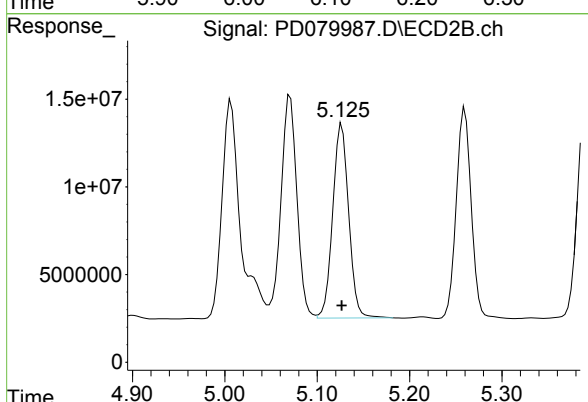
#9 Endosulfan I

R.T.: 6.107 min
Delta R.T.: 0.000 min
Response: 90105571
Conc: 43.82 ng/ml

Instrument : ECD_D
ClientSampleId : 72-11985MS

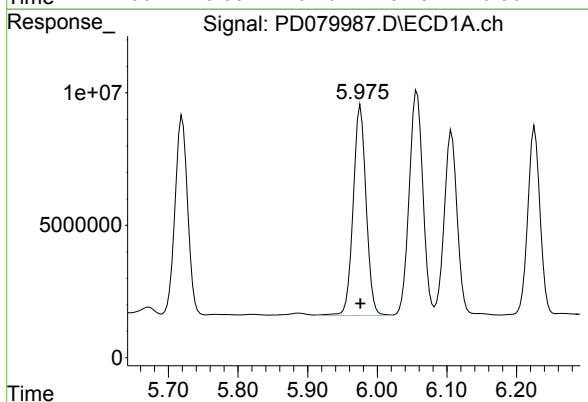
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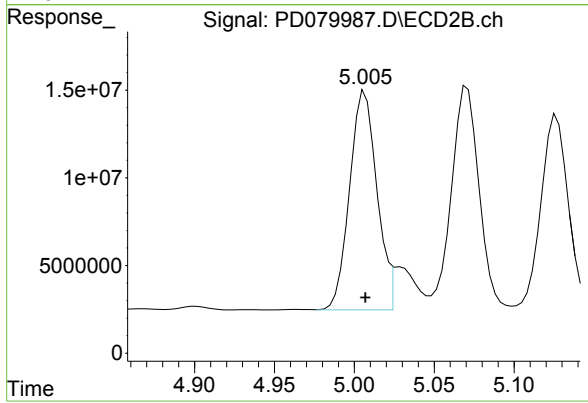
#9 Endosulfan I

R.T.: 5.127 min
Delta R.T.: 0.000 min
Response: 133063322
Conc: 44.07 ng/ml



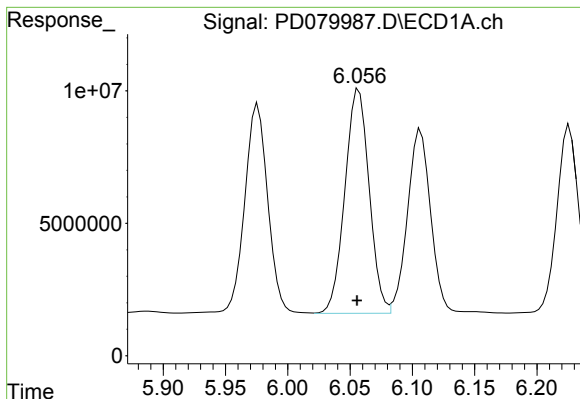
#10 gamma-Chlordane

R.T.: 5.976 min
Delta R.T.: 0.000 min
Response: 102640469
Conc: 47.15 ng/ml



#10 gamma-Chlordane

R.T.: 5.005 min
Delta R.T.: -0.002 min
Response: 146876552
Conc: 45.56 ng/ml m



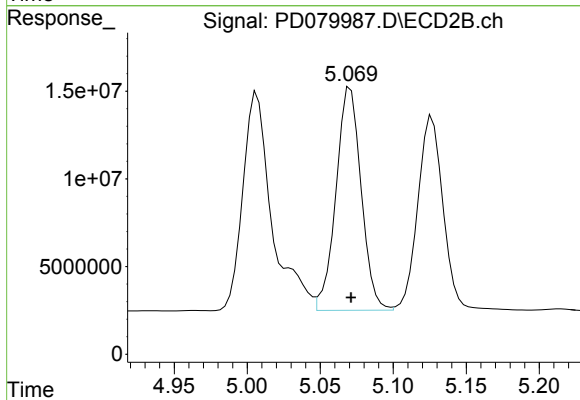
#11 alpha-Chlordane

R.T.: 6.057 min
Delta R.T.: 0.002 min
Response: 115286221
Conc: 53.44 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

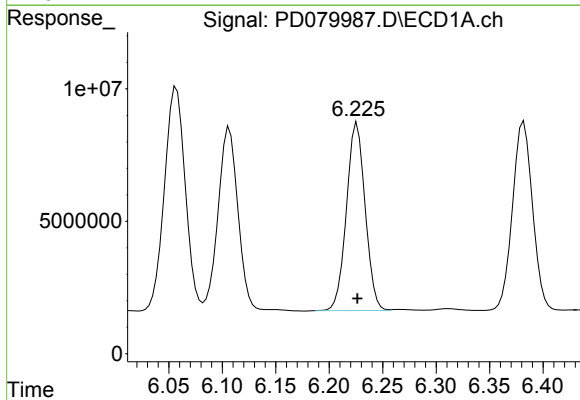
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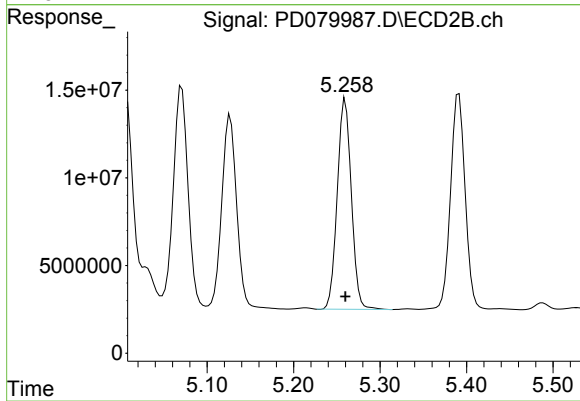
#11 alpha-Chlordane

R.T.: 5.071 min
Delta R.T.: 0.000 min
Response: 152838627
Conc: 47.56 ng/ml



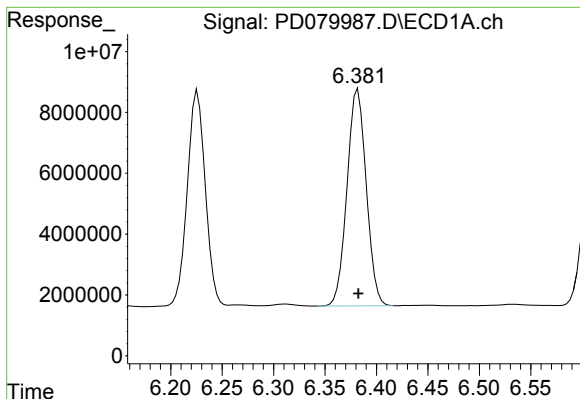
#12 4,4'-DDE

R.T.: 6.226 min
Delta R.T.: 0.000 min
Response: 86297449
Conc: 43.04 ng/ml



#12 4,4'-DDE

R.T.: 5.260 min
Delta R.T.: 0.000 min
Response: 134943027
Conc: 44.77 ng/ml



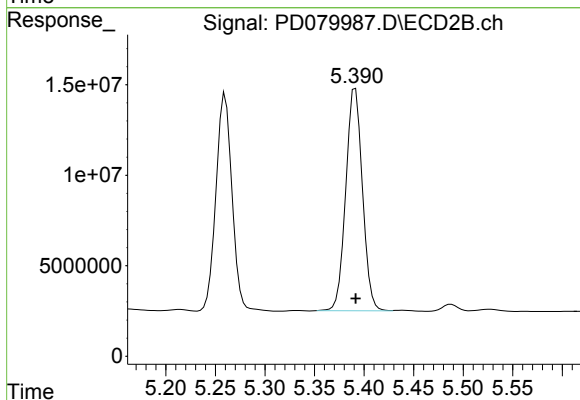
#13 Dieldrin

R.T.: 6.381 min
Delta R.T.: -0.002 min
Response: 92861270
Conc: 42.56 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

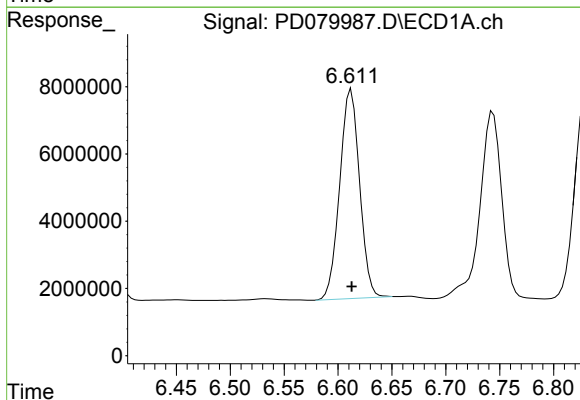
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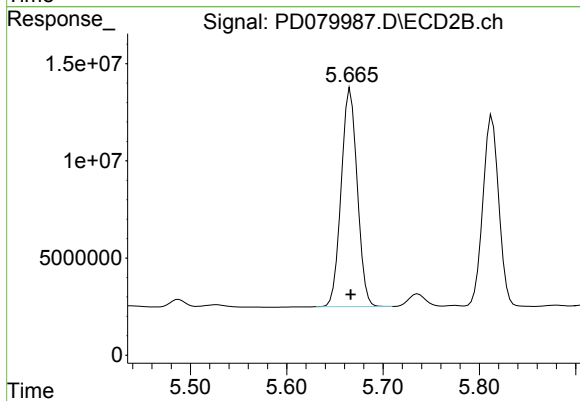
#13 Dieldrin

R.T.: 5.391 min
Delta R.T.: 0.000 min
Response: 143898767
Conc: 43.95 ng/ml



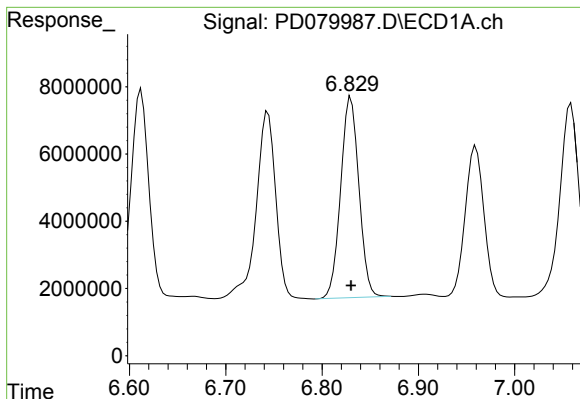
#14 Endrin

R.T.: 6.612 min
Delta R.T.: 0.000 min
Response: 80004802
Conc: 44.12 ng/ml



#14 Endrin

R.T.: 5.666 min
Delta R.T.: 0.000 min
Response: 129606916
Conc: 46.12 ng/ml



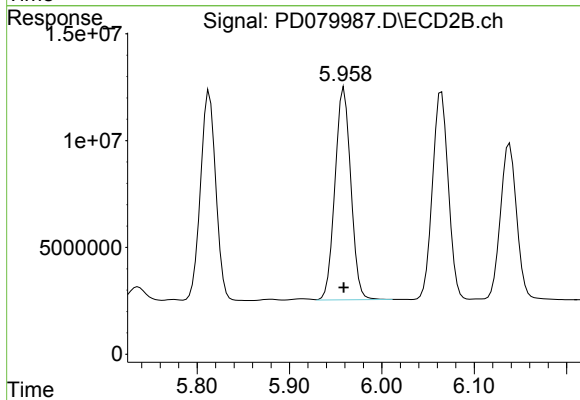
#15 Endosulfan II

R.T.: 6.830 min
Delta R.T.: 0.000 min
Response: 78177193
Conc: 41.04 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

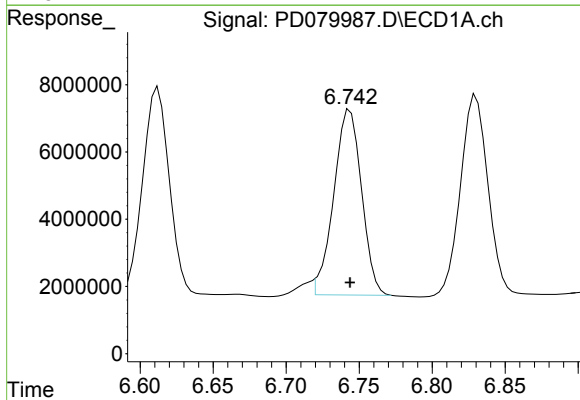
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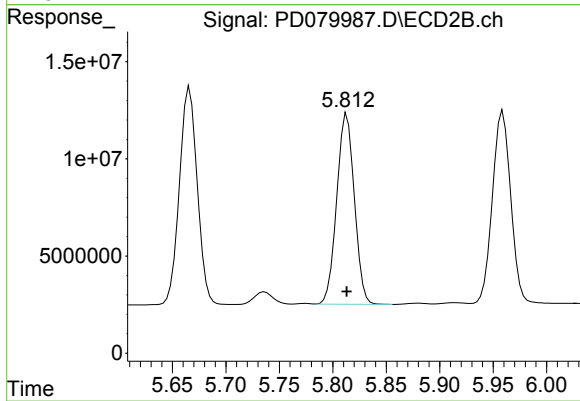
#15 Endosulfan II

R.T.: 5.959 min
Delta R.T.: 0.000 min
Response: 118380635
Conc: 43.39 ng/ml



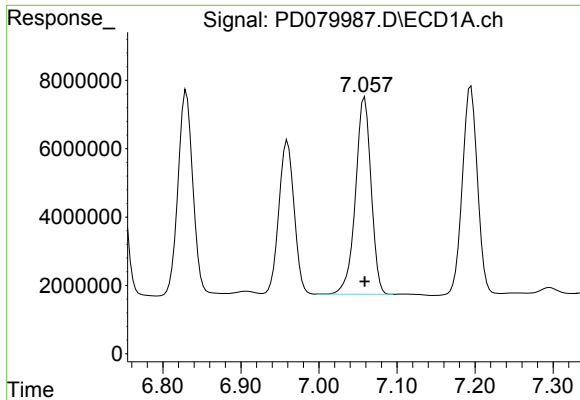
#16 4,4'-DDD

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 72826462
Conc: 43.47 ng/ml m



#16 4,4'-DDD

R.T.: 5.813 min
Delta R.T.: 0.000 min
Response: 112345368
Conc: 43.63 ng/ml



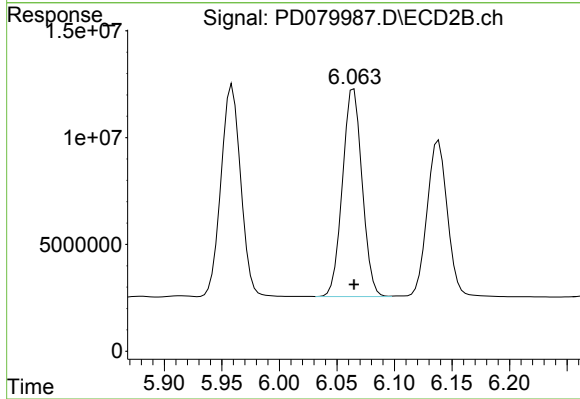
#17 4,4'-DDT

R.T.: 7.058 min
Delta R.T.: 0.000 min
Response: 80036203
Conc: 44.99 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

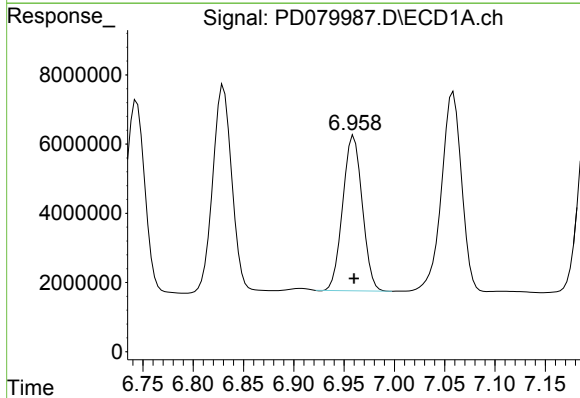
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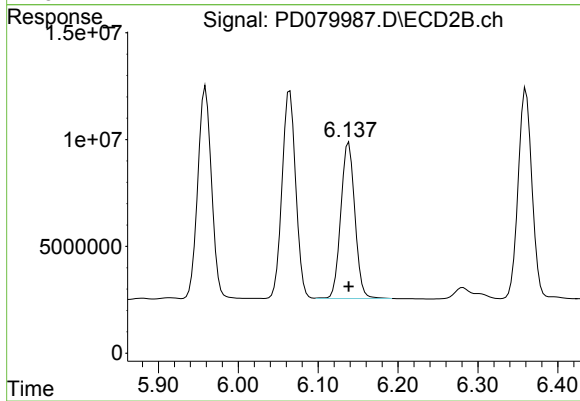
#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 115920764
Conc: 45.63 ng/ml



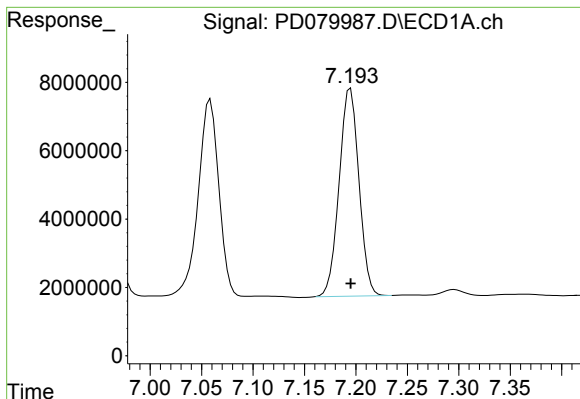
#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: 0.000 min
Response: 60328805
Conc: 42.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.138 min
Delta R.T.: 0.000 min
Response: 89326948
Conc: 43.51 ng/ml



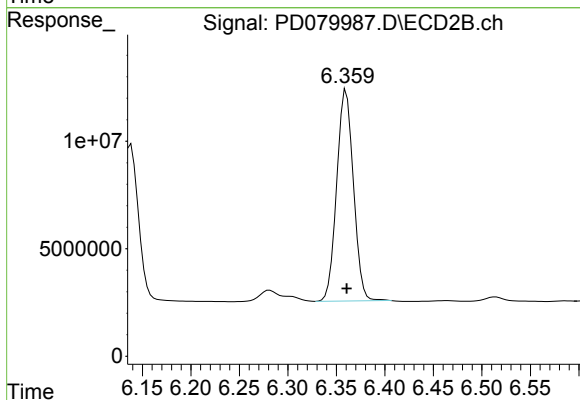
#19 Endosulfan Sulfate

R.T.: 7.195 min
Delta R.T.: 0.000 min
Response: 81498760
Conc: 42.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

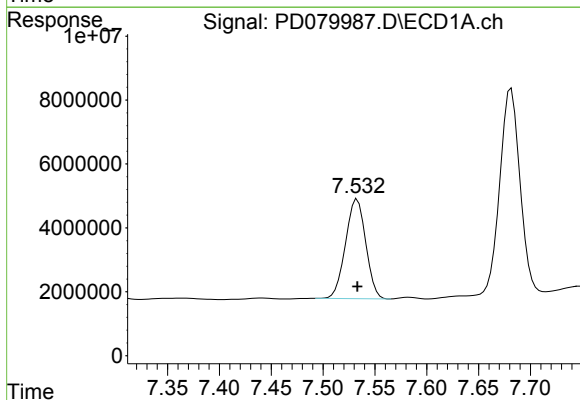
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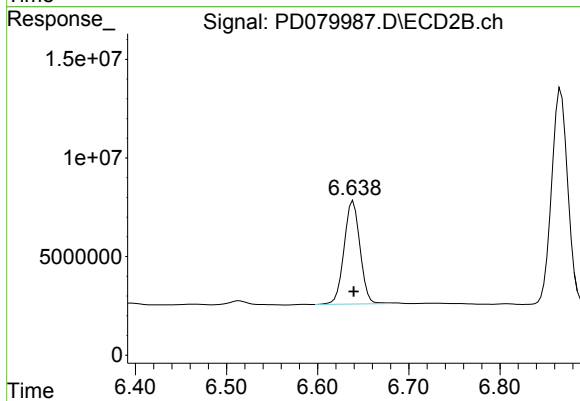
#19 Endosulfan Sulfate

R.T.: 6.360 min
Delta R.T.: 0.000 min
Response: 117789612
Conc: 43.94 ng/ml



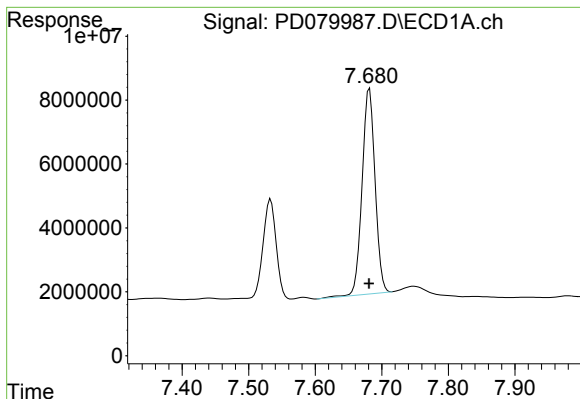
#20 Methoxychlor

R.T.: 7.533 min
Delta R.T.: 0.000 min
Response: 42399090
Conc: 42.90 ng/ml



#20 Methoxychlor

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 63710449
Conc: 43.57 ng/ml



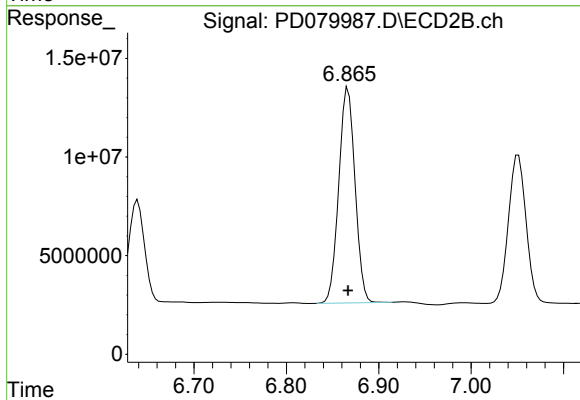
#21 Endrin ketone

R.T.: 7.681 min
Delta R.T.: 0.000 min
Response: 87157186
Conc: 42.09 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11985MS

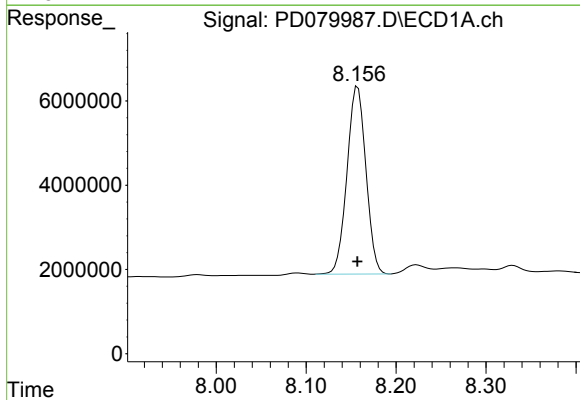
Manual Integrations
APPROVED

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



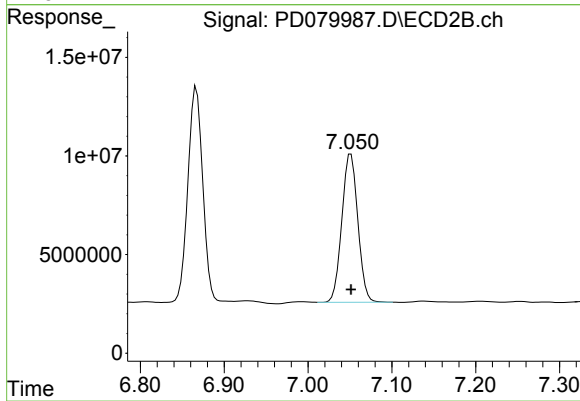
#21 Endrin ketone

R.T.: 6.867 min
Delta R.T.: 0.000 min
Response: 133791768
Conc: 42.81 ng/ml



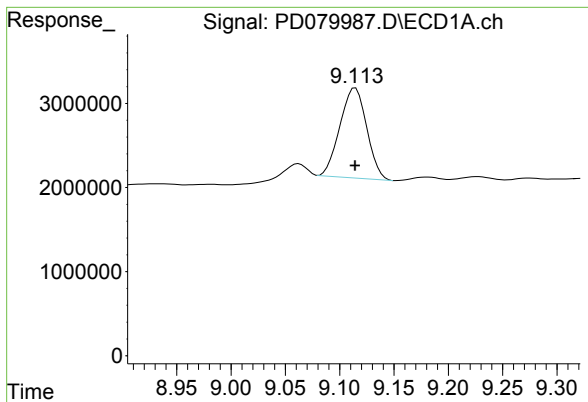
#22 Mirex

R.T.: 8.157 min
Delta R.T.: 0.000 min
Response: 65066738
Conc: 39.78 ng/ml



#22 Mirex

R.T.: 7.051 min
Delta R.T.: 0.000 min
Response: 99725338
Conc: 41.21 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.113 min
Delta R.T.: 0.000 min
Response: 18399353
Conc: 9.09 ng/ml

Instrument :

ECD_D

ClientSampleId :

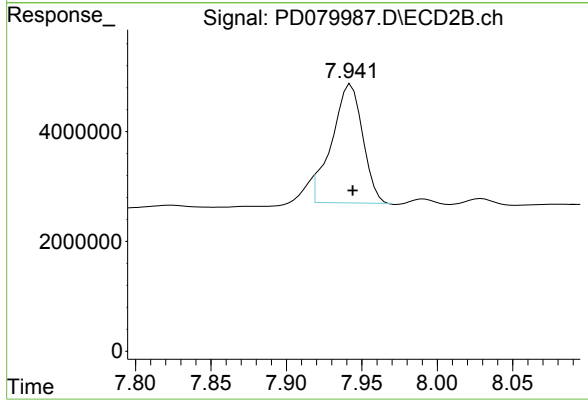
72-11985MS

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#28 Decachlorobiphenyl

R.T.: 7.941 min
Delta R.T.: -0.002 min
Response: 30379654
Conc: 10.78 ng/ml m