

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073374.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 18:07
 Operator : AR\AJ
 Sample : N6135-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 72-11977MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/21/2022
 Supervised By : Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:28:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 16 15:46:21 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm

Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds						
1) SA Tetrachlo...	2.694	3.455	37942695	1252.0E6	18.104	12.731 #
2) SA Decachlor...	7.820	8.901	49232517	254.7E6	20.334	14.450m#
Target Compounds						
2) A alpha-BHC	3.197	3.919	159.2E6	4186.9E6	46.021	31.325 #
3) MA gamma-BHC...	3.527	4.253	141.8E6	3277.3E6	51.576	33.214 #
4) MA Heptachlor	3.858	4.818	142.1E6	2073.8E6	45.436	32.543 #
5) MB Aldrin	4.137	5.156	143.8E6	1909.2E6	46.411	34.649 #
6) B beta-BHC	3.829	4.468	66893576	1233.1E6	52.677	36.391 #
7) B delta-BHC	4.056	4.712	141.9E6	2365.1E6	45.084m	35.645
8) B Heptachlo...	4.641	5.589	126.3E6	1377.1E6	45.559	30.890 #
9) A Endosulfan I	5.010	5.971	82171731	1452.0E6	31.048	34.975m
10) B gamma-Chl...	4.888	5.844	139.8E6	1563.8E6	48.978m	34.985 #
11) B alpha-Chl...	4.953	5.916	133.6E6	1626.3E6	47.411	37.162m
12) B 4,4'-DDE	5.141	6.089	129.4E6	1347.4E6	47.780	31.883m#
13) MA Dieldrin	5.276	6.248	149.9E6	1347.2E6	53.114	32.069m#
14) MA Endrin	5.553	6.481	130.6E6	1107.3E6	50.871	33.705 #
15) B Endosulfa...	5.849	6.711	121.5E6	1279.4E6	51.418m	40.274
16) A 4,4'-DDD	5.699	6.615	107.5E6	1250.3E6	47.666	40.018
17) MA 4,4'-DDT	5.946	6.923	111.9E6	1258.8E6	50.526m	41.657
18) B Endrin al...	6.032	6.841	83930370	876.2E6	44.589	37.374
19) B Endosulfa...	6.255	7.074	115.3E6	1090.1E6	48.518	39.843
20) A Methoxychlor	6.531	7.402	55019122	610.8E6	41.281	45.127
21) B Endrin ke...	6.765	7.563	103.2E6	1107.3E6	37.982	40.329
22) Mirex	6.928	8.009	90987874	648.7E6	43.773m	37.086m

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

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Data File : PD073374.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2022 18:07
Operator : AR\AJ
Sample : N6135-01MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

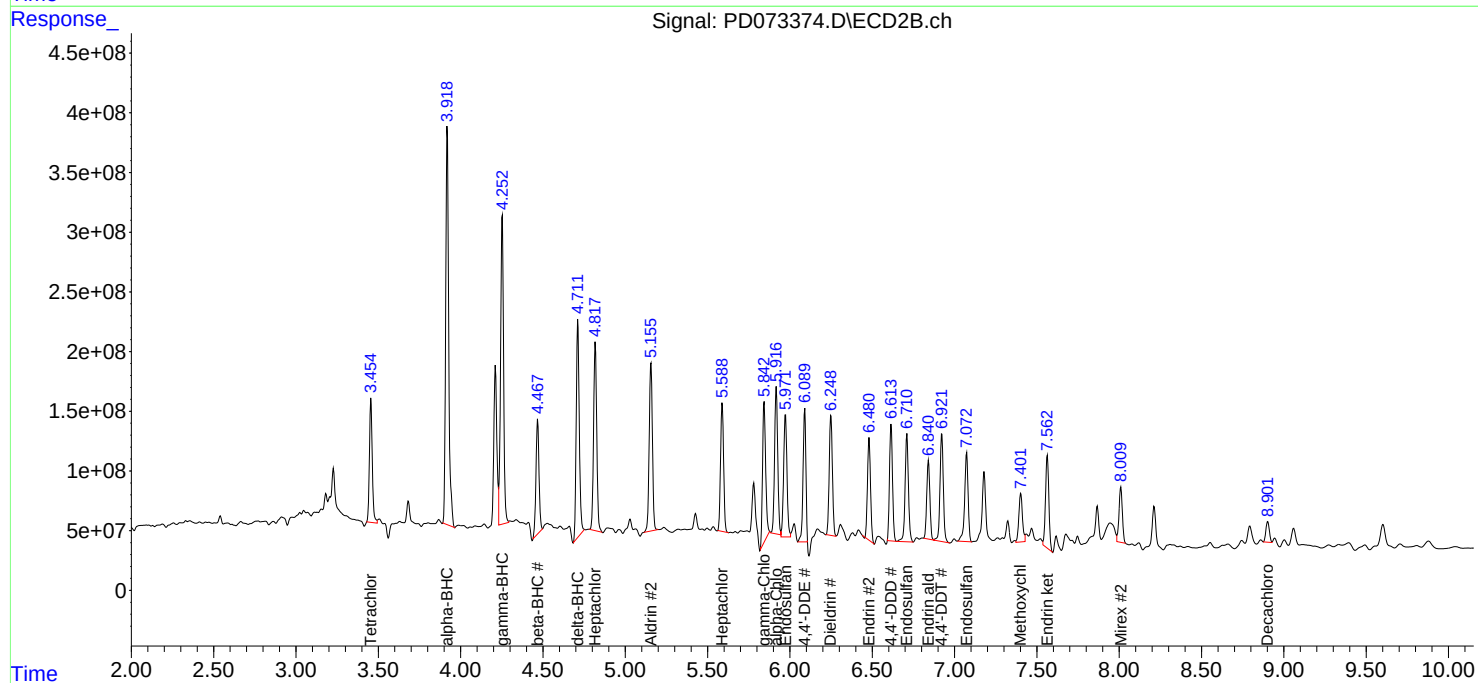
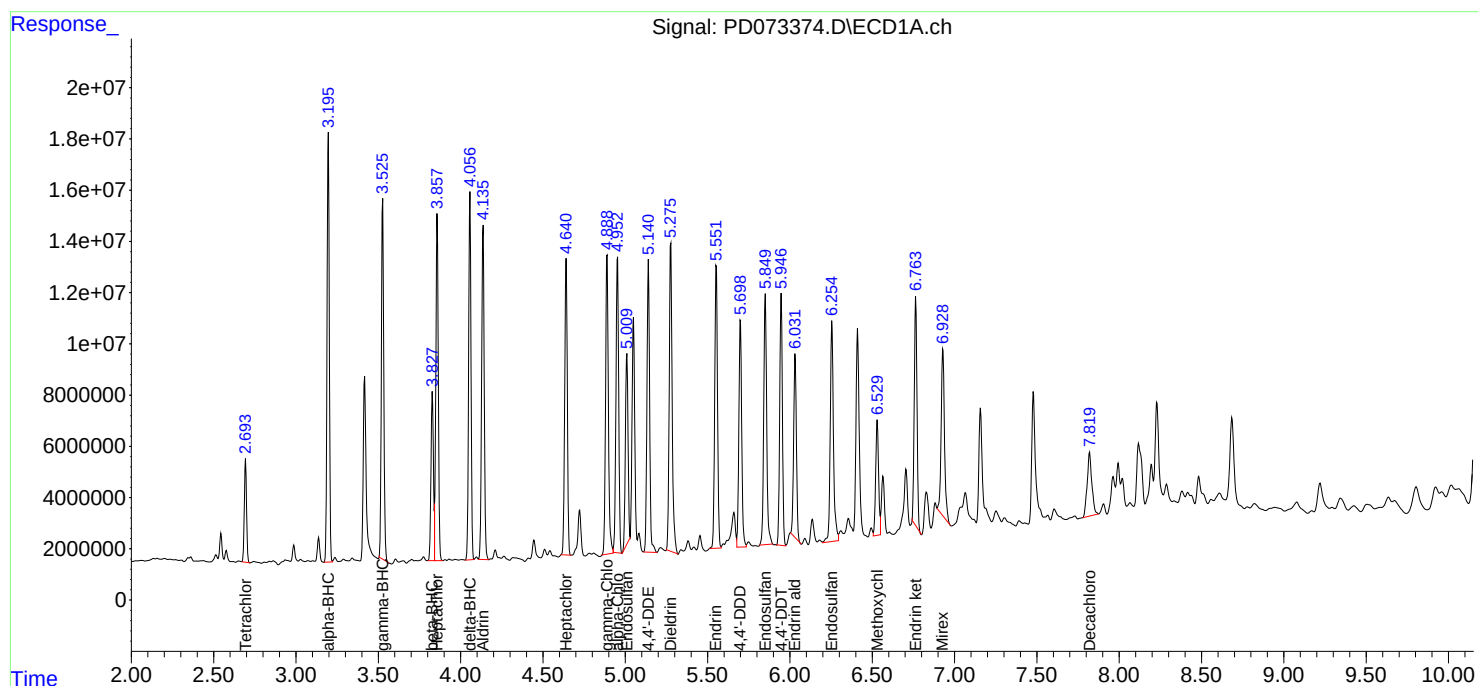
Instrument :
ECD_D
ClientSampleId :
72-11977MSD

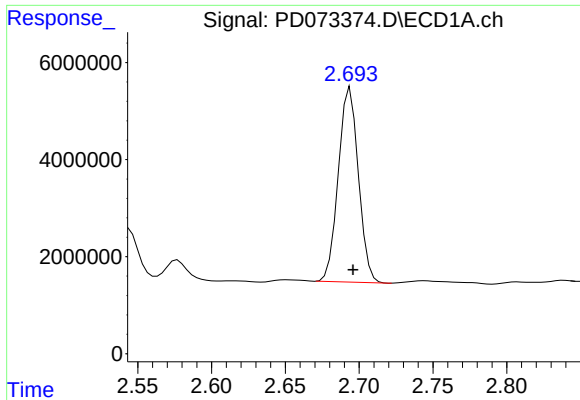
Manual Integrations
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Supervised By :Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 20 20:28:30 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
Quant Title : GC Extractables
QLast Update : Fri Dec 16 15:46:21 2022
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 2 µl
Signal #1 Phase : ZB-MR2 Signal #2 Phase: ZB-MR1
Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





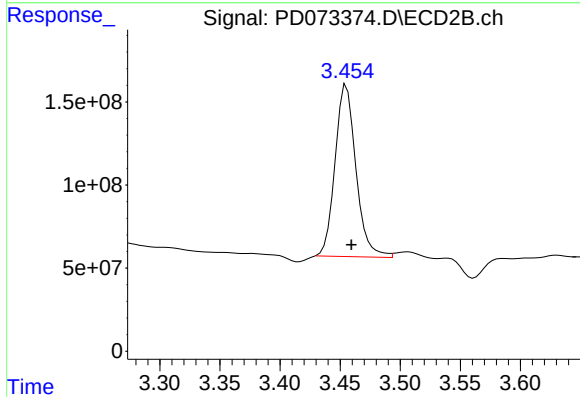
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 37942695
Conc: 18.10 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

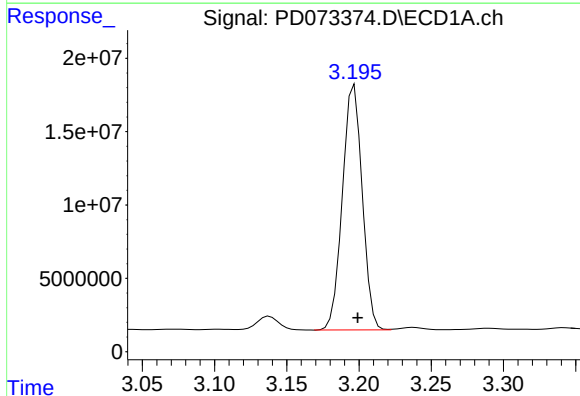
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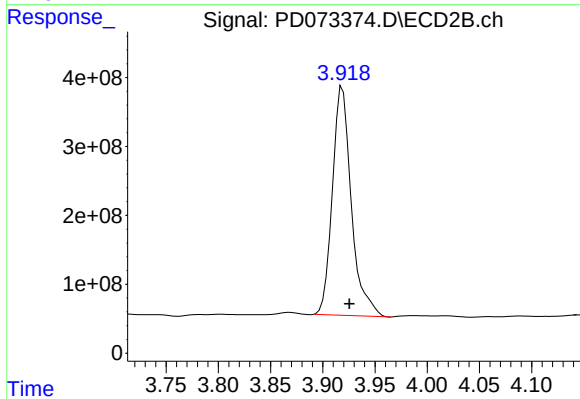
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 1252036095
Conc: 12.73 ng/ml



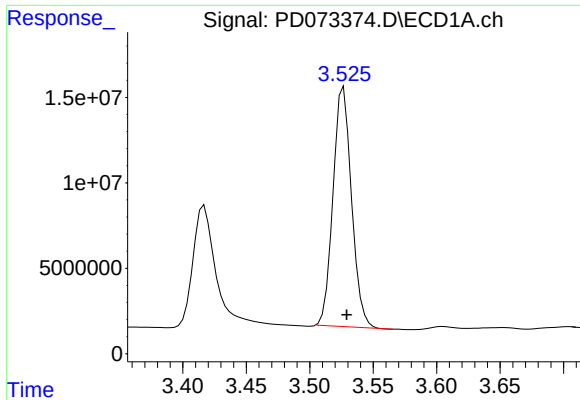
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 159181664
Conc: 46.02 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 4186882223
Conc: 31.33 ng/ml



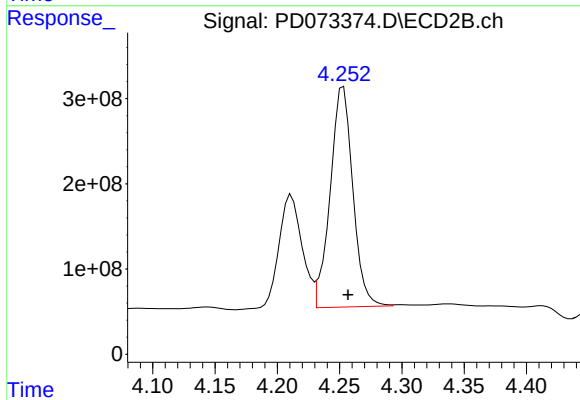
#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 141818031
Conc: 51.58 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

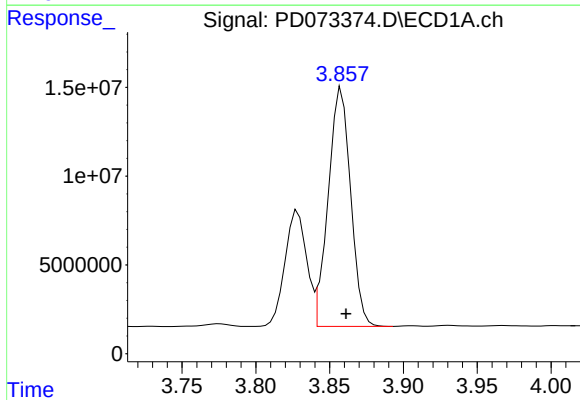
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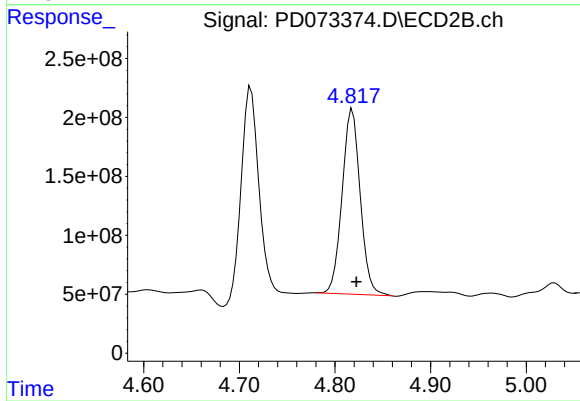
#3 gamma-BHC (Lindane)

R.T.: 4.253 min
Delta R.T.: -0.004 min
Response: 3277271793
Conc: 33.21 ng/ml



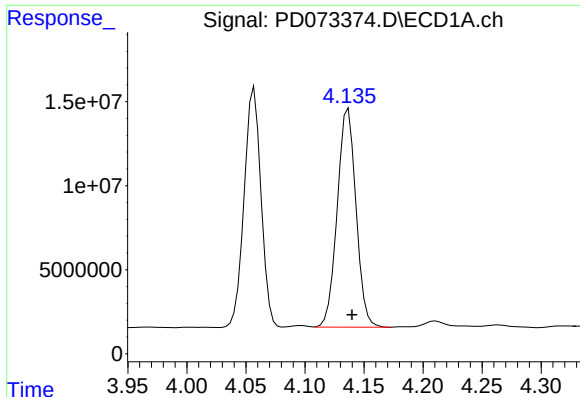
#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.003 min
Response: 142134262
Conc: 45.44 ng/ml



#4 Heptachlor

R.T.: 4.818 min
Delta R.T.: -0.004 min
Response: 2073819411
Conc: 32.54 ng/ml



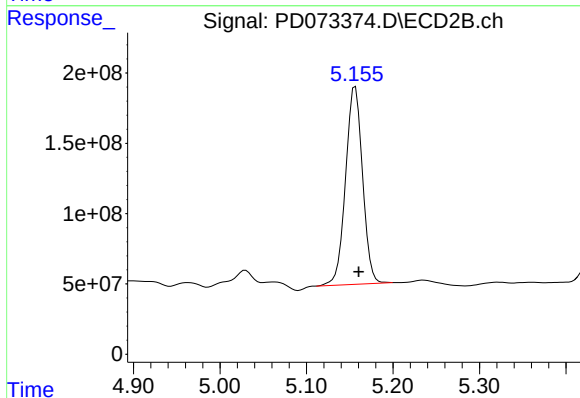
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 143787717
Conc: 46.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

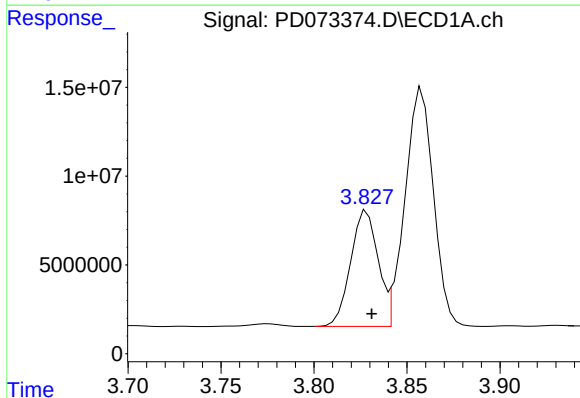
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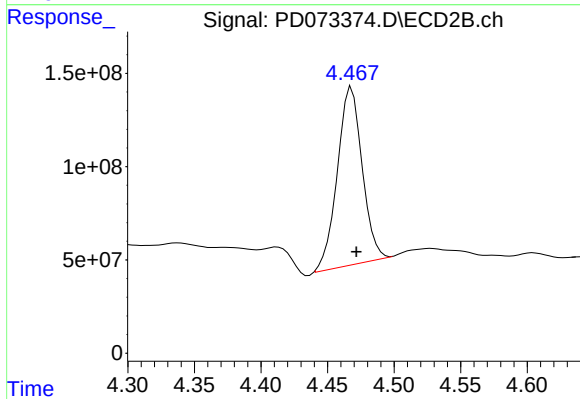
#5 Aldrin

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 1909150283
Conc: 34.65 ng/ml



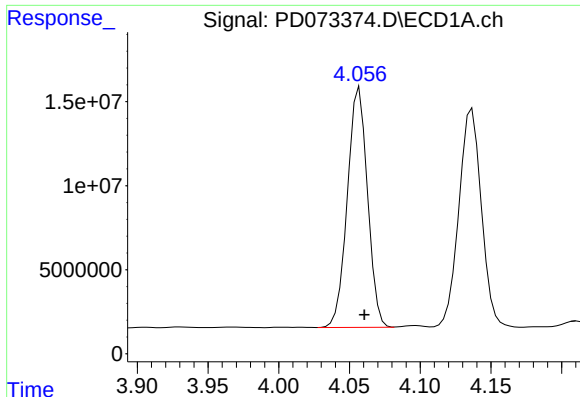
#6 beta-BHC

R.T.: 3.829 min
Delta R.T.: -0.003 min
Response: 66893576
Conc: 52.68 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1233108359
Conc: 36.39 ng/ml



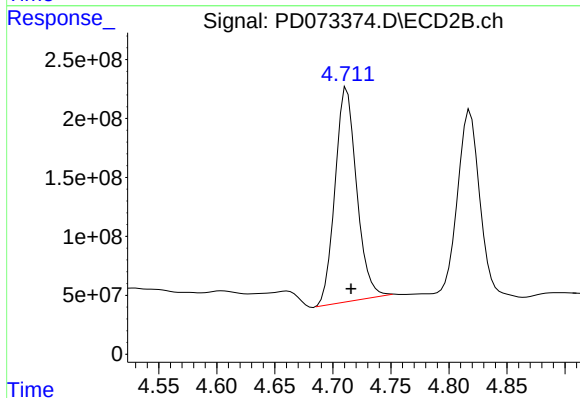
#7 delta-BHC

R.T.: 4.056 min
Delta R.T.: -0.005 min
Response: 141942940
Conc: 45.08 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

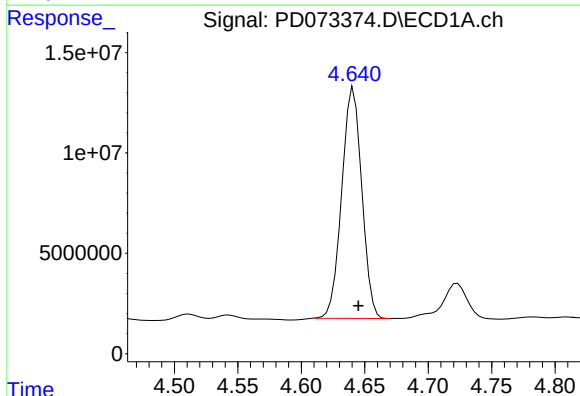
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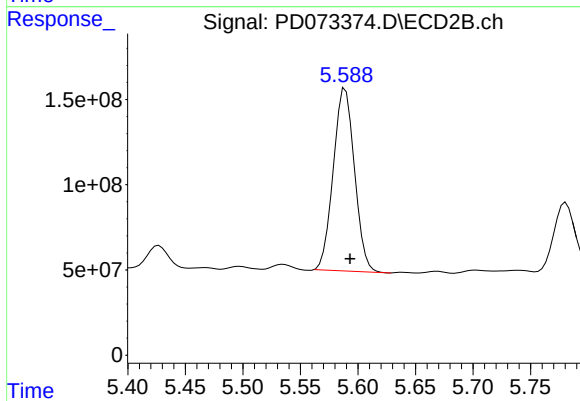
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: -0.004 min
Response: 2365144647
Conc: 35.64 ng/ml



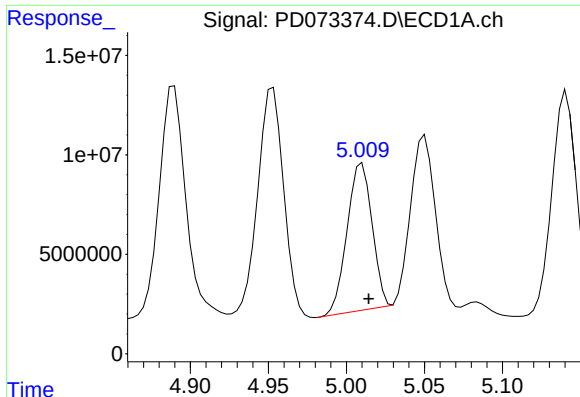
#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.004 min
Response: 126273453
Conc: 45.56 ng/ml



#8 Heptachlor epoxide

R.T.: 5.589 min
Delta R.T.: -0.004 min
Response: 1377057936
Conc: 30.89 ng/ml



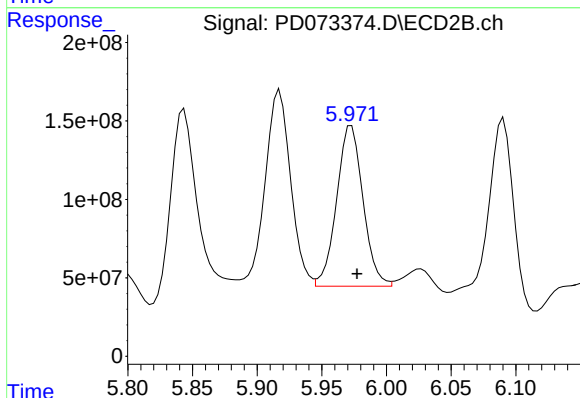
#9 Endosulfan I

R.T.: 5.010 min
Delta R.T.: -0.004 min
Response: 82171731
Conc: 31.05 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

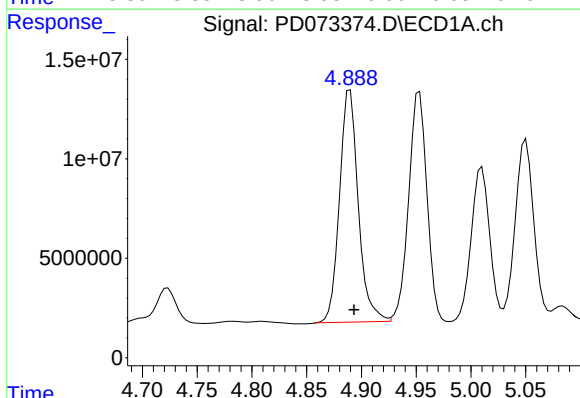
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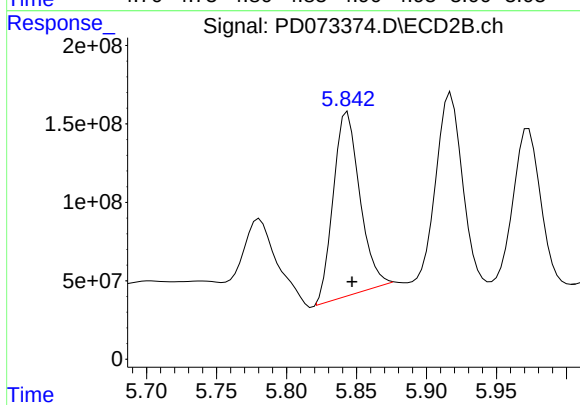
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: -0.006 min
Response: 1452041417
Conc: 34.97 ng/ml m



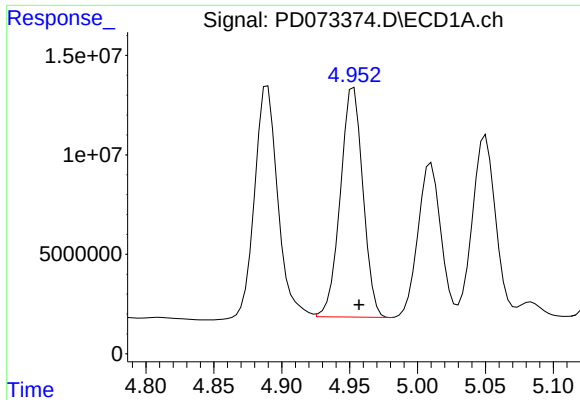
#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.005 min
Response: 139751970
Conc: 48.98 ng/ml m



#10 gamma-Chlordane

R.T.: 5.844 min
Delta R.T.: -0.003 min
Response: 1563804924
Conc: 34.98 ng/ml



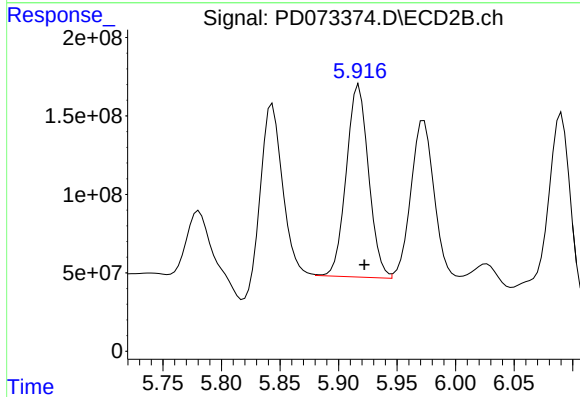
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.004 min
Response: 133567998
Conc: 47.41 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

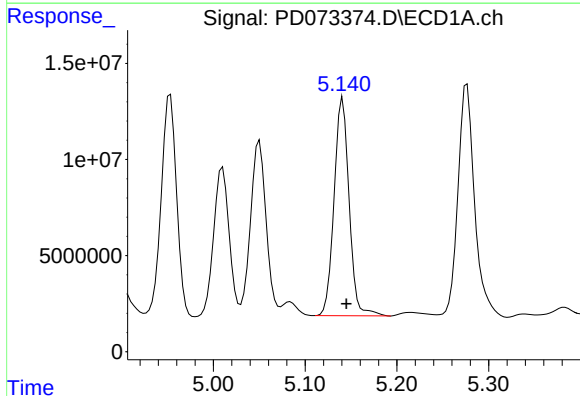
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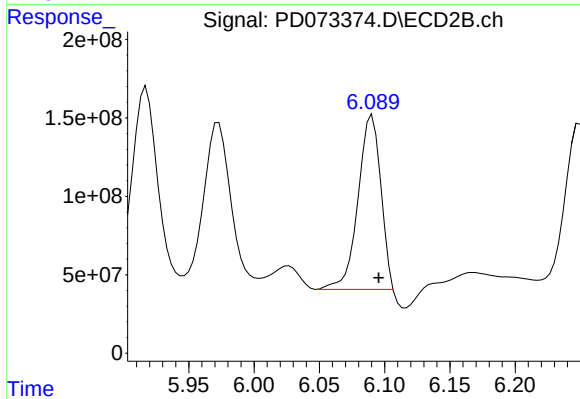
#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.006 min
Response: 1626279264
Conc: 37.16 ng/ml m



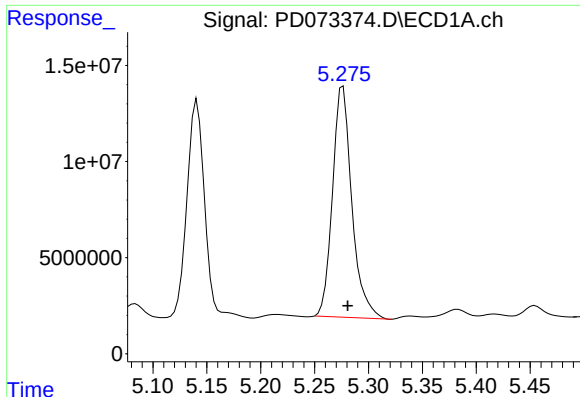
#12 4,4'-DDE

R.T.: 5.141 min
Delta R.T.: -0.004 min
Response: 129379061
Conc: 47.78 ng/ml



#12 4,4'-DDE

R.T.: 6.089 min
Delta R.T.: -0.006 min
Response: 1347420764
Conc: 31.88 ng/ml m



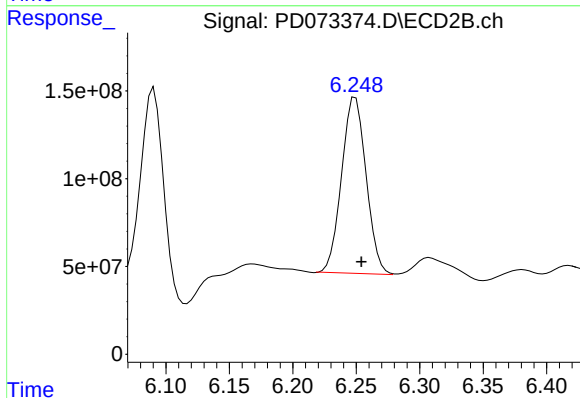
#13 Dieldrin

R.T.: 5.276 min
Delta R.T.: -0.004 min
Response: 149886900
Conc: 53.11 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

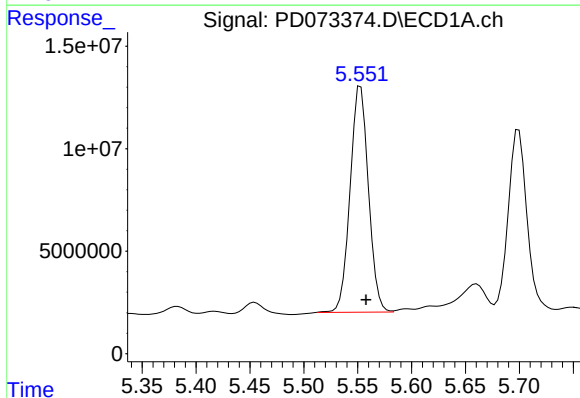
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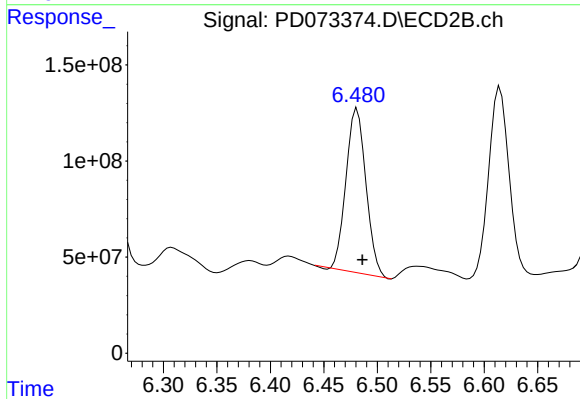
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 1347202592
Conc: 32.07 ng/ml m



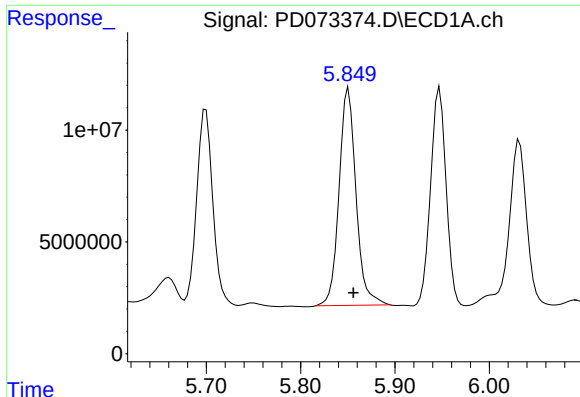
#14 Endrin

R.T.: 5.553 min
Delta R.T.: -0.005 min
Response: 130620569
Conc: 50.87 ng/ml



#14 Endrin

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1107331413
Conc: 33.70 ng/ml



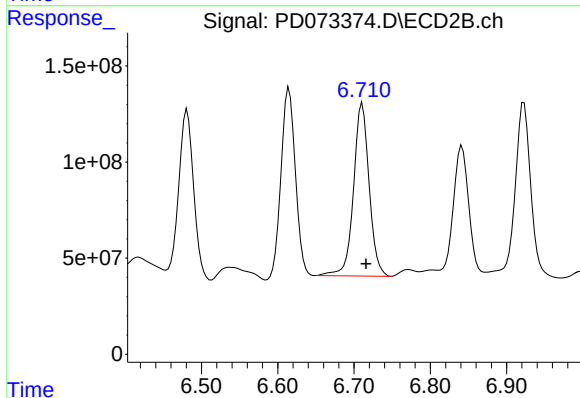
#15 Endosulfan II

R.T.: 5.849 min
Delta R.T.: -0.006 min
Response: 121480410
Conc: 51.42 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

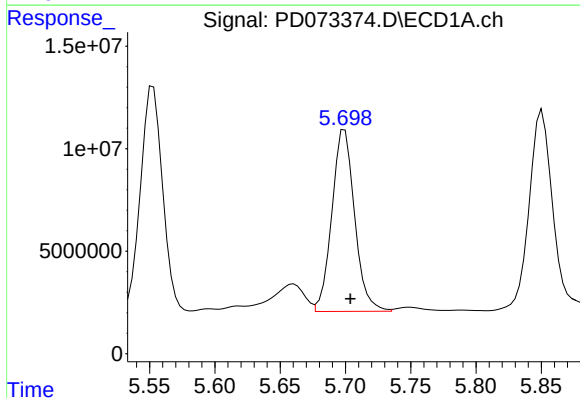
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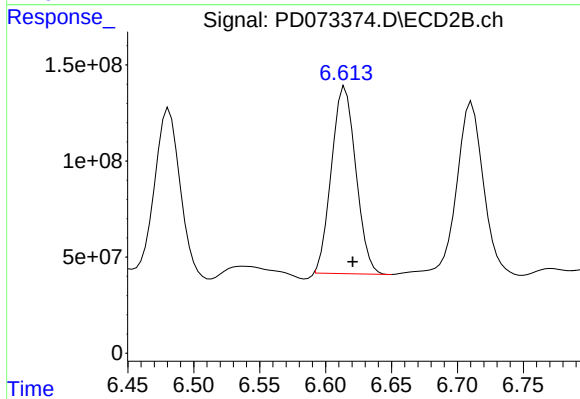
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 1279373107
Conc: 40.27 ng/ml



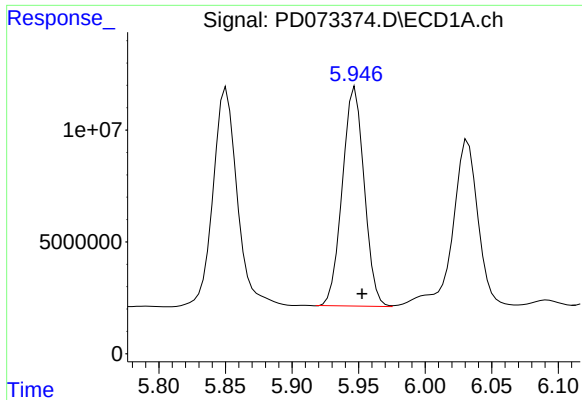
#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.004 min
Response: 107508866
Conc: 47.67 ng/ml



#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: -0.006 min
Response: 1250301622
Conc: 40.02 ng/ml



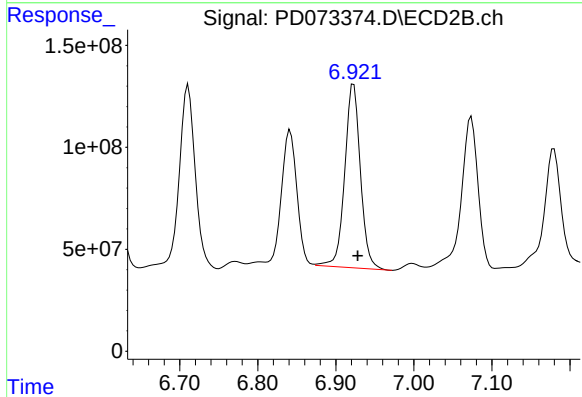
#17 4,4'-DDT

R.T.: 5.946 min
Delta R.T.: -0.007 min
Response: 111922787
Conc: 50.53 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

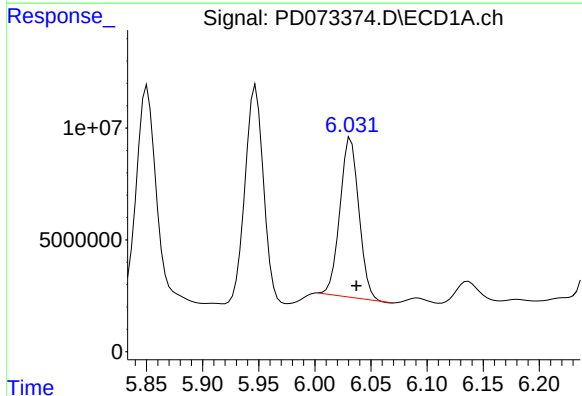
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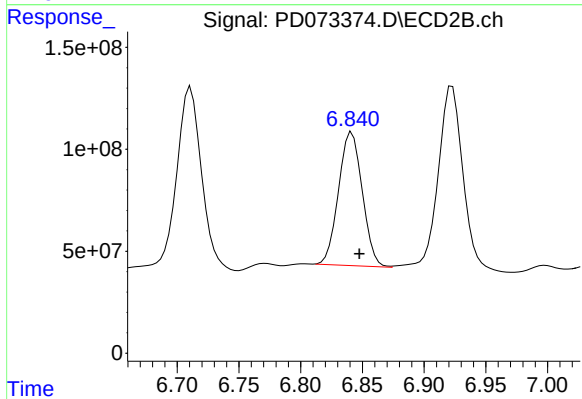
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1258846318
Conc: 41.66 ng/ml



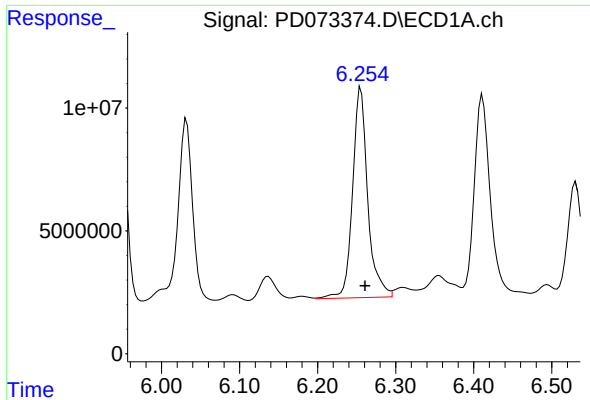
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 83930370
Conc: 44.59 ng/ml



#18 Endrin aldehyde

R.T.: 6.841 min
Delta R.T.: -0.006 min
Response: 876175441
Conc: 37.37 ng/ml



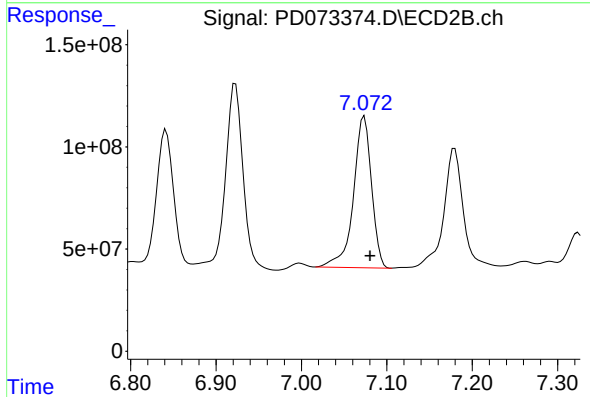
#19 Endosulfan Sulfate

R.T.: 6.255 min
Delta R.T.: -0.005 min
Response: 115319745
Conc: 48.52 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

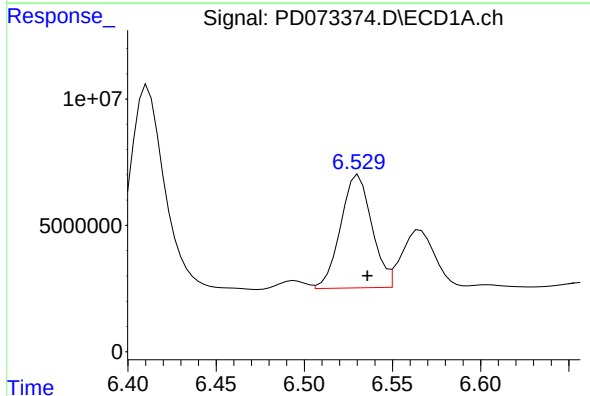
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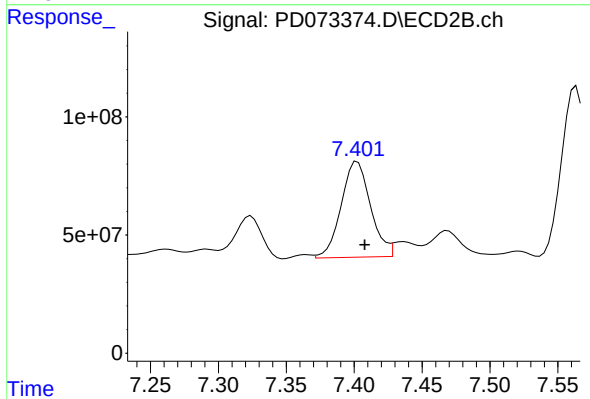
#19 Endosulfan Sulfate

R.T.: 7.074 min
Delta R.T.: -0.007 min
Response: 1090095499
Conc: 39.84 ng/ml



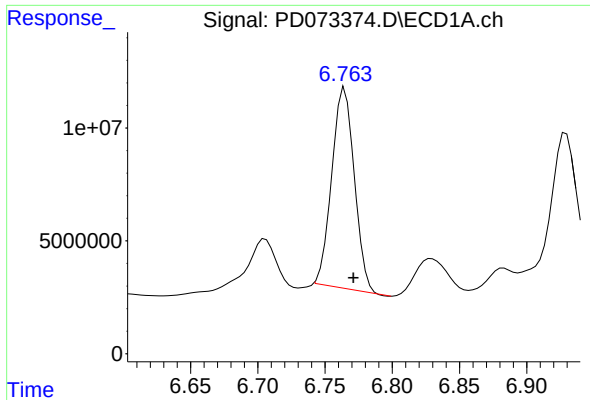
#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 55019122
Conc: 41.28 ng/ml



#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 610815652
Conc: 45.13 ng/ml



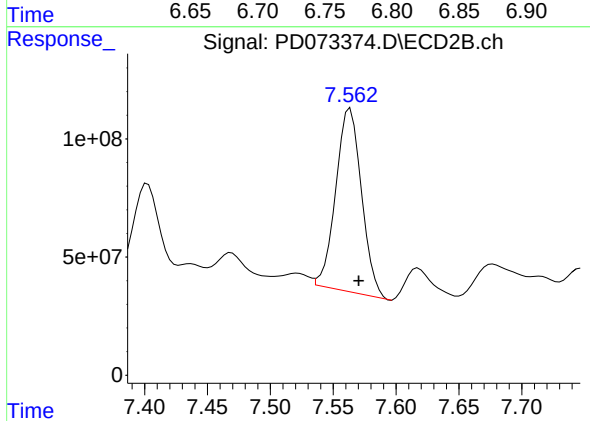
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.006 min
Response: 103214810
Conc: 37.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

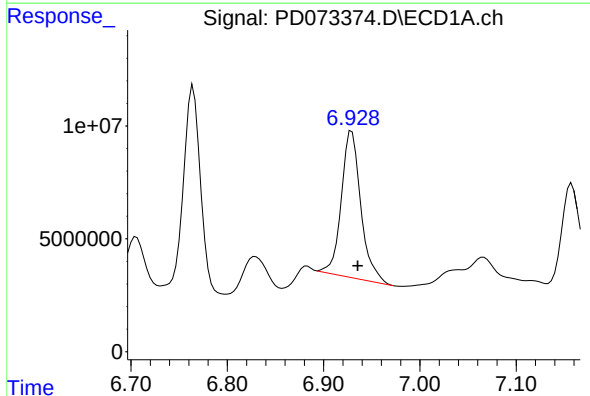
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/21/2022
Supervised By :Ankita Jodhani 12/21/2022



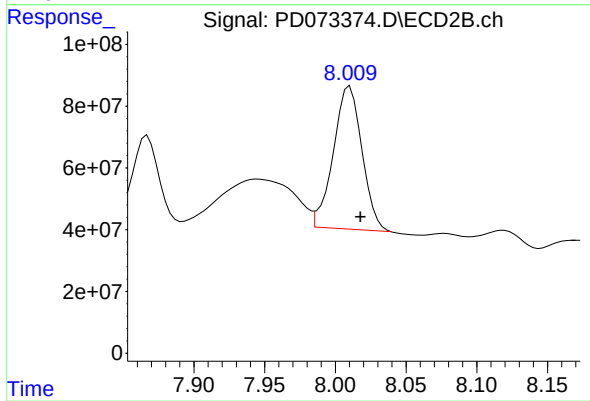
#21 Endrin ketone

R.T.: 7.563 min
Delta R.T.: -0.007 min
Response: 1107284266
Conc: 40.33 ng/ml



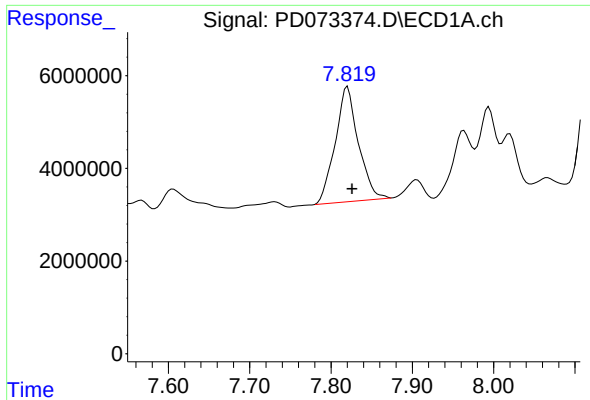
#22 Mirex

R.T.: 6.928 min
Delta R.T.: -0.008 min
Response: 90987874
Conc: 43.77 ng/ml m



#22 Mirex

R.T.: 8.009 min
Delta R.T.: -0.009 min
Response: 648659353
Conc: 37.09 ng/ml m



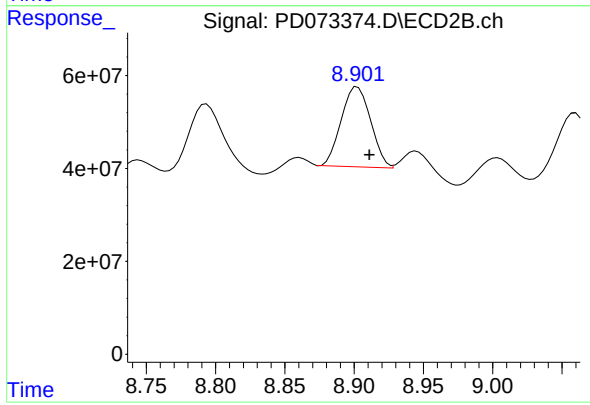
#28 Decachlorobiphenyl

R.T.: 7.820 min
Delta R.T.: -0.006 min
Response: 49232517
Conc: 20.33 ng/ml

Instrument :
ECD_D
ClientSampleId :
72-11977MSD

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 12/21/2022



#28 Decachlorobiphenyl

R.T.: 8.901 min
Delta R.T.: -0.010 min
Response: 254711387
Conc: 14.45 ng/ml m