

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073378.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2022 19:00
 Operator : AR\AJ
 Sample : PB149774BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_D
 ClientSampleId :
 PB149774BSD

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 20:33:07 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	53211832	1856.6E6	25.390	18.878 #
28)	SA Decachlor...	7.819	8.903	63022340	433.1E6	26.029	24.570
Target Compounds							
2)	A alpha-BHC	3.197	3.919	170.3E6	4319.9E6	49.229	32.320 #
3)	MA gamma-BHC...	3.527	4.252	142.5E6	3310.6E6	51.838	33.552 #
4)	MA Heptachlor	3.859	4.818	148.9E6	2227.7E6	47.602	34.959 #
5)	MB Aldrin	4.137	5.156	153.7E6	2019.2E6	49.602	36.647 #
6)	B beta-BHC	3.828	4.468	59586436	1178.7E6	46.923	34.786 #
7)	B delta-BHC	4.058	4.711	154.2E6	2517.7E6	48.977	37.945
8)	B Heptachlo...	4.642	5.589	134.5E6	1664.4E6	48.513	37.337
9)	A Endosulfan I	5.011	5.973	126.3E6	1548.3E6	47.726	37.292
10)	B gamma-Chl...	4.890	5.841	136.2E6	1667.1E6	47.729	37.297m
11)	B alpha-Chl...	4.954	5.918	135.8E6	1628.1E6	48.192	37.204
12)	B 4,4'-DDE	5.142	6.091	132.8E6	1639.6E6	49.050	38.798
13)	MA Dieldrin	5.277	6.248	139.2E6	1686.2E6	49.336	40.138m
14)	MA Endrin	5.554	6.481	127.5E6	1424.3E6	49.637	43.354
15)	B Endosulfa...	5.850	6.711	118.8E6	1298.4E6	50.270m	40.874
16)	A 4,4'-DDD	5.698	6.614	109.9E6	1258.0E6	48.747m	40.265m
17)	MA 4,4'-DDT	5.947	6.923	108.5E6	1235.0E6	48.998m	40.869
18)	B Endrin al...	6.032	6.842	93655544	1025.3E6	49.755	43.736
19)	B Endosulfa...	6.256	7.075	113.7E6	1142.8E6	47.857	41.771
20)	A Methoxychlor	6.531	7.402	63513312	578.9E6	47.654	42.768
21)	B Endrin ke...	6.764	7.563	134.9E6	1175.1E6	49.625m	42.800
22)	Mirex	6.930	8.011	99486715	747.5E6	47.862	42.740

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_D\Data\PD122022\
 Data File : PD073378.D
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 Acq On : 20 Dec 2022 19:00
 Operator : AR\AJ
 Sample : PB149774BSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

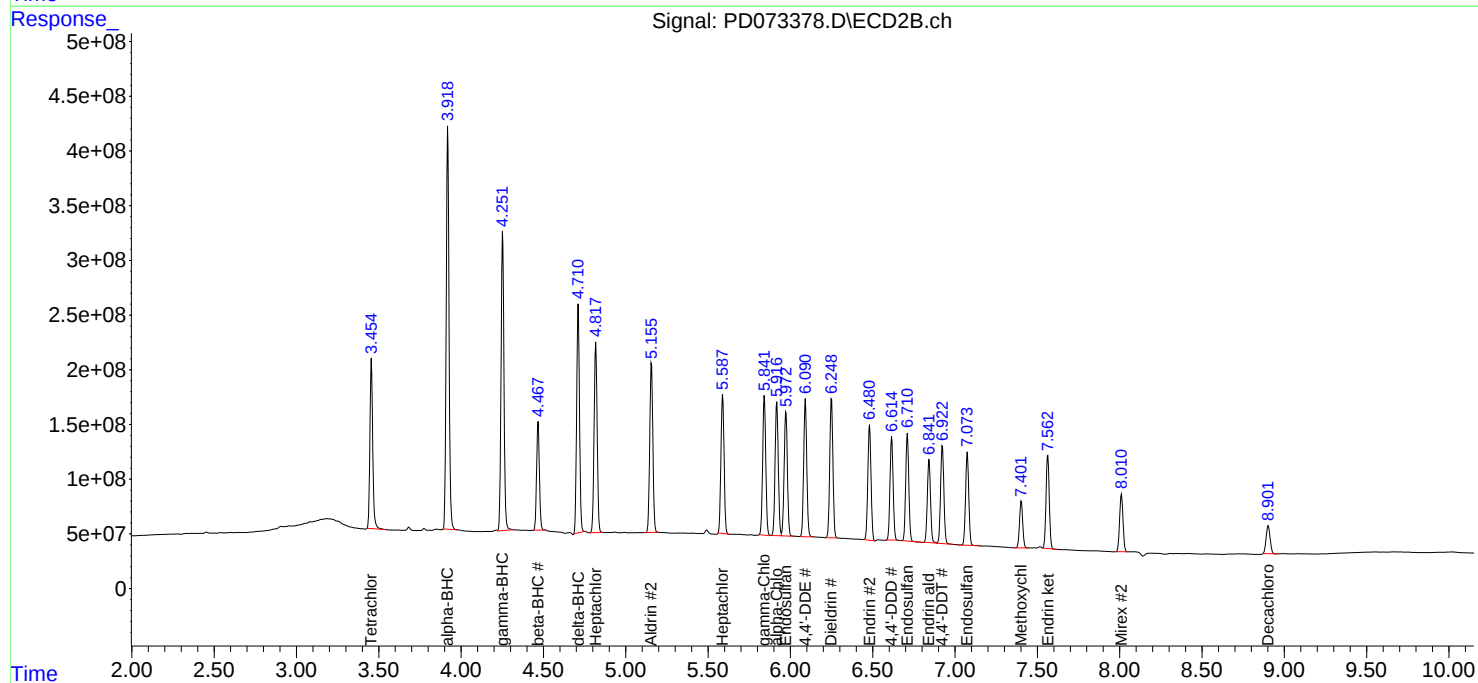
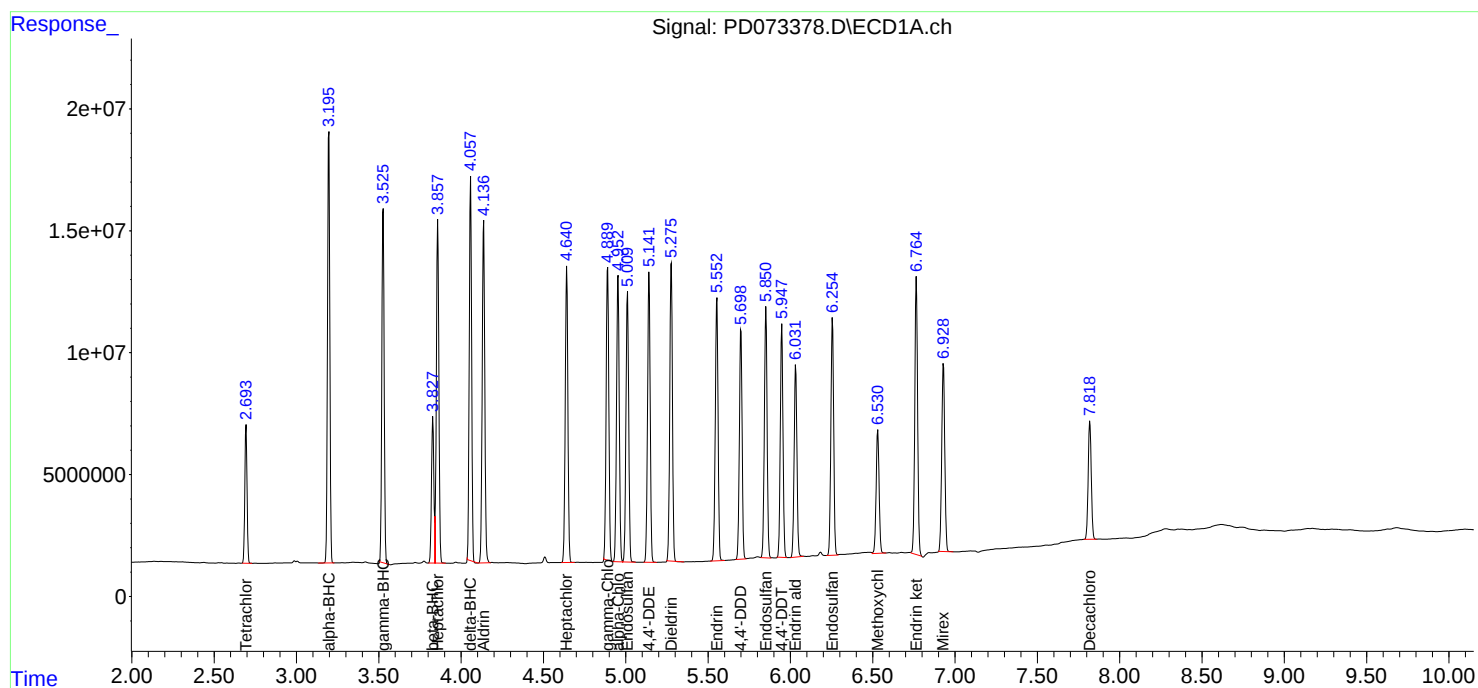
Instrument :
 ECD_D
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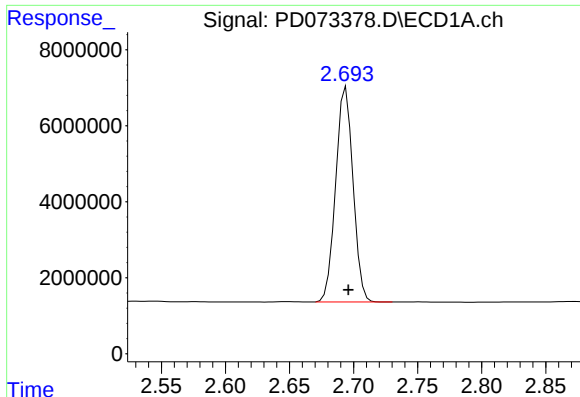
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 Supervised By :Ankita Jodhani 12/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 20 20:33:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_D\Method\PD121622.M
 Quant Title : GC Extractables
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x 0.50µm





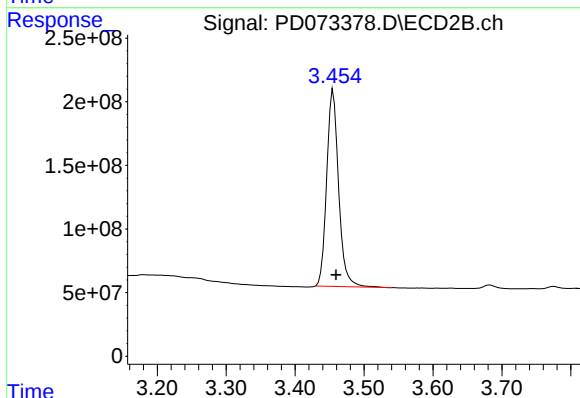
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: -0.002 min
Response: 53211832
Conc: 25.39 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

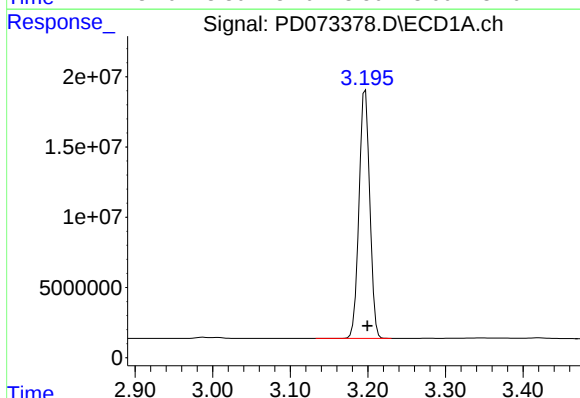
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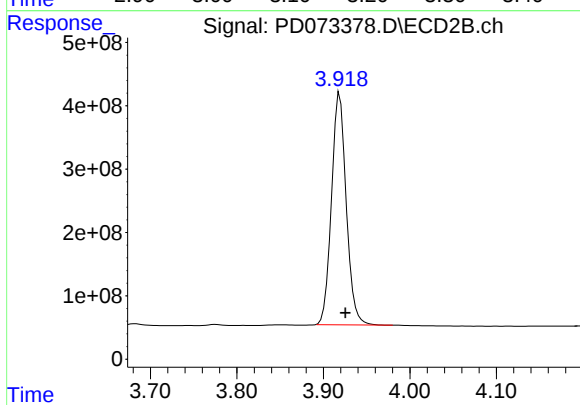
#1 Tetrachloro-m-xylene

R.T.: 3.455 min
Delta R.T.: -0.004 min
Response: 1856577383
Conc: 18.88 ng/ml



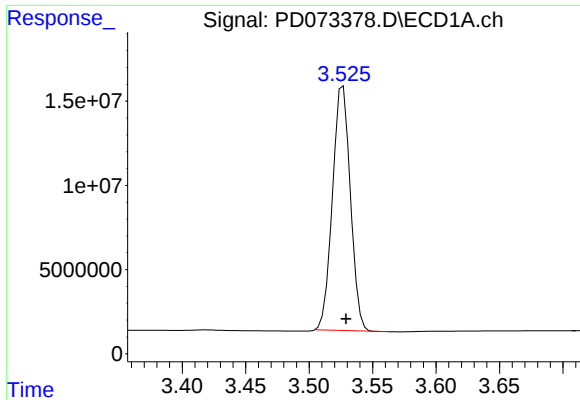
#2 alpha-BHC

R.T.: 3.197 min
Delta R.T.: -0.002 min
Response: 170279054
Conc: 49.23 ng/ml



#2 alpha-BHC

R.T.: 3.919 min
Delta R.T.: -0.006 min
Response: 4319887500
Conc: 32.32 ng/ml



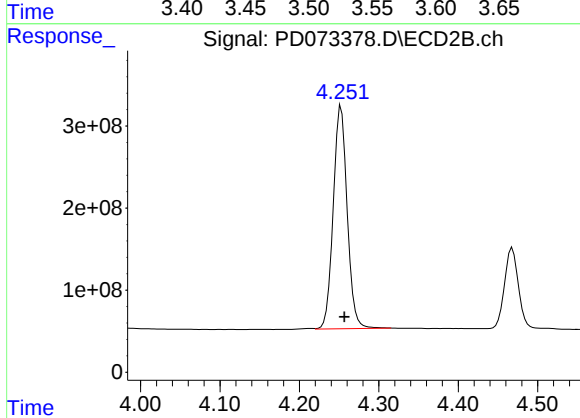
#3 gamma-BHC (Lindane)

R.T.: 3.527 min
Delta R.T.: -0.002 min
Response: 142538016
Conc: 51.84 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

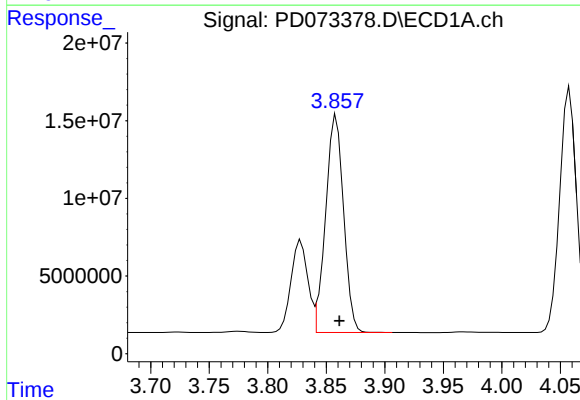
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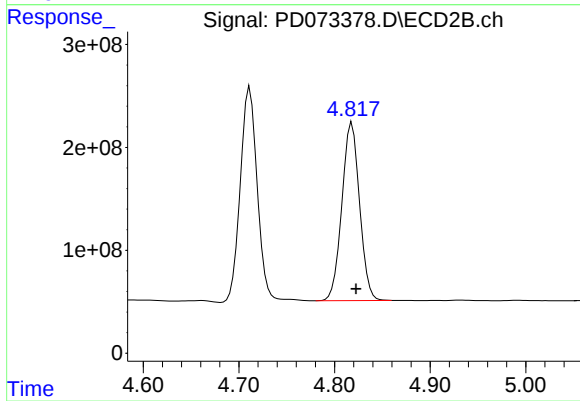
#3 gamma-BHC (Lindane)

R.T.: 4.252 min
Delta R.T.: -0.004 min
Response: 3310585950
Conc: 33.55 ng/ml



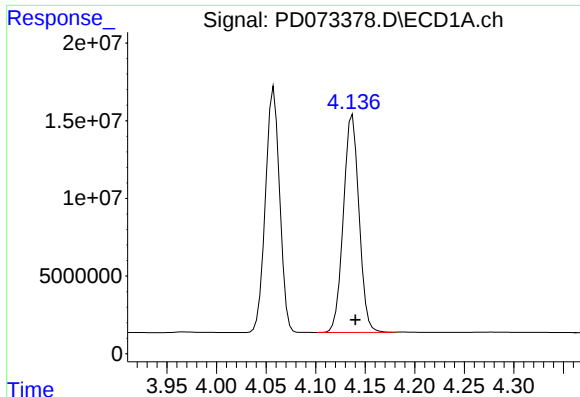
#4 Heptachlor

R.T.: 3.859 min
Delta R.T.: -0.003 min
Response: 148911824
Conc: 47.60 ng/ml



#4 Heptachlor

R.T.: 4.818 min
Delta R.T.: -0.004 min
Response: 2227741696
Conc: 34.96 ng/ml



#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.003 min
Response: 153672043
Conc: 49.60 ng/ml

Instrument :

ECD_D

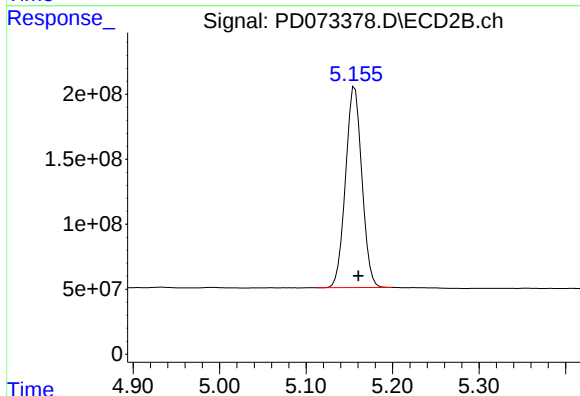
ClientSampleId :

PB149774BSD

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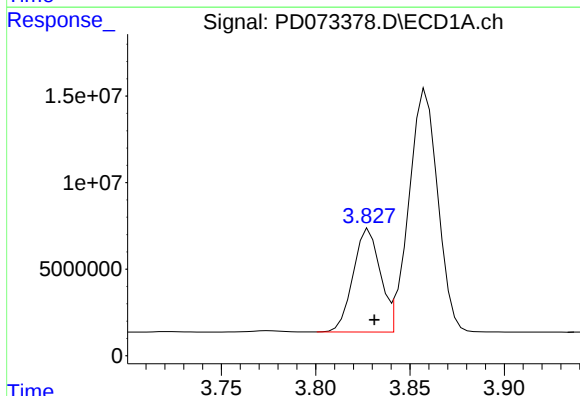
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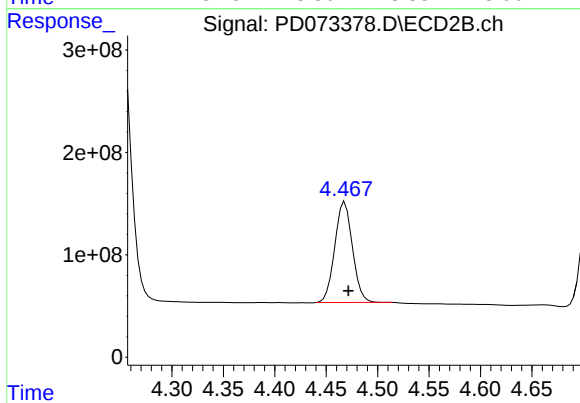
#5 Aldrin

R.T.: 5.156 min
Delta R.T.: -0.004 min
Response: 2019234411
Conc: 36.65 ng/ml



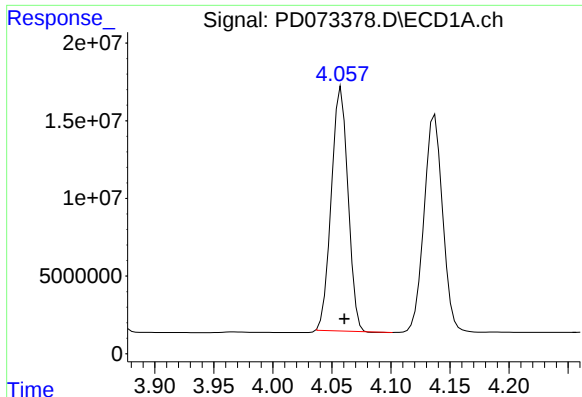
#6 beta-BHC

R.T.: 3.828 min
Delta R.T.: -0.003 min
Response: 59586436
Conc: 46.92 ng/ml



#6 beta-BHC

R.T.: 4.468 min
Delta R.T.: -0.003 min
Response: 1178724794
Conc: 34.79 ng/ml



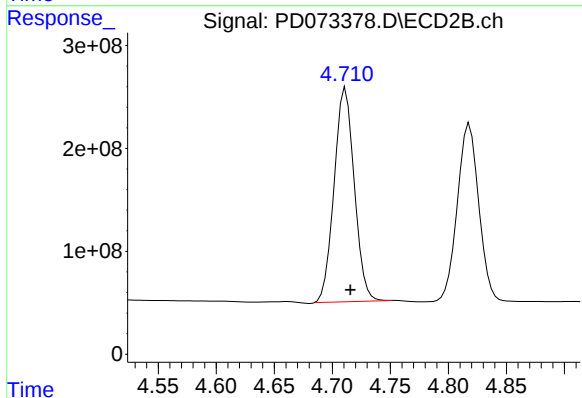
#7 delta-BHC

R.T.: 4.058 min
Delta R.T.: -0.002 min
Response: 154200270
Conc: 48.98 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

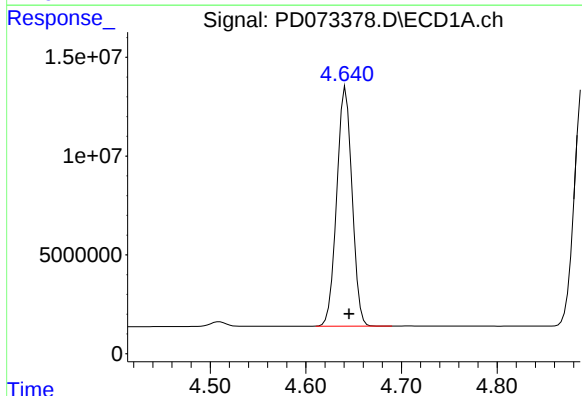
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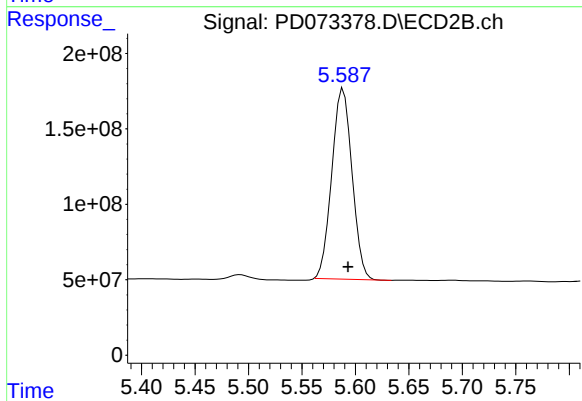
#7 delta-BHC

R.T.: 4.711 min
Delta R.T.: -0.004 min
Response: 2517746125
Conc: 37.94 ng/ml



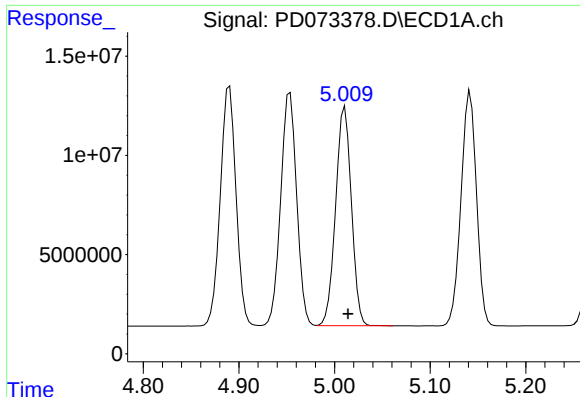
#8 Heptachlor epoxide

R.T.: 4.642 min
Delta R.T.: -0.004 min
Response: 134459057
Conc: 48.51 ng/ml



#8 Heptachlor epoxide

R.T.: 5.589 min
Delta R.T.: -0.005 min
Response: 1664429612
Conc: 37.34 ng/ml



#9 Endosulfan I

R.T.: 5.011 min
Delta R.T.: -0.003 min
Response: 126309990
Conc: 47.73 ng/ml

Instrument :

ECD_D

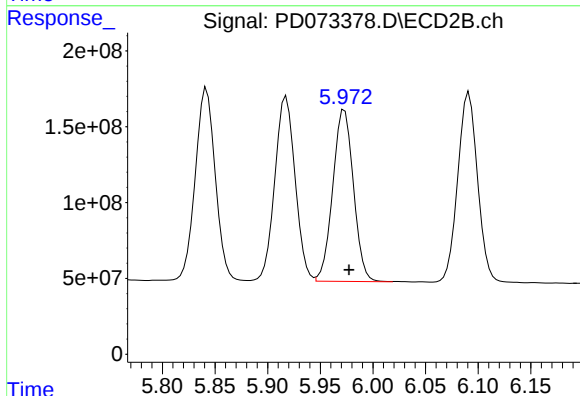
ClientSampleId :

PB149774BSD

Manual Integrations

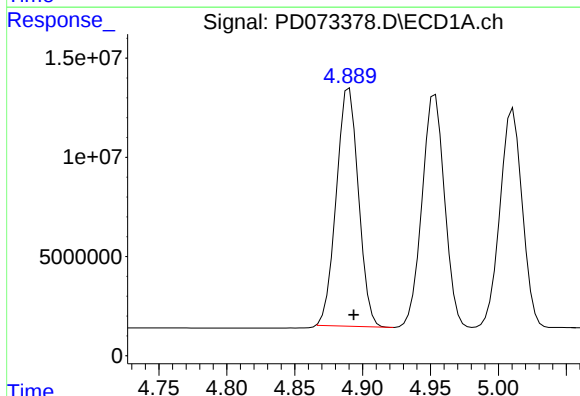
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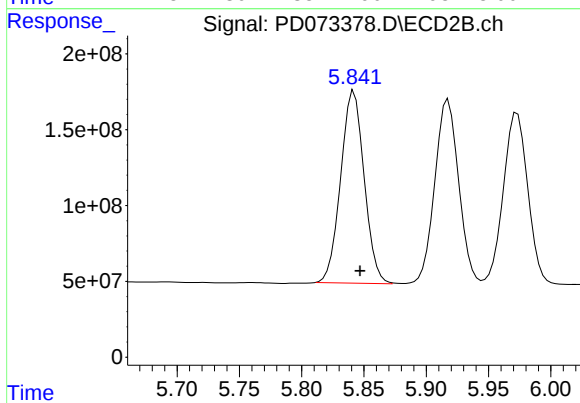
#9 Endosulfan I

R.T.: 5.973 min
Delta R.T.: -0.004 min
Response: 1548250271
Conc: 37.29 ng/ml



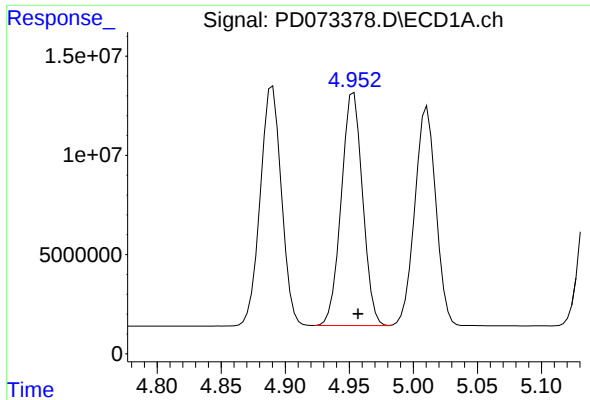
#10 gamma-Chlordane

R.T.: 4.890 min
Delta R.T.: -0.003 min
Response: 136189135
Conc: 47.73 ng/ml



#10 gamma-Chlordane

R.T.: 5.841 min
Delta R.T.: -0.006 min
Response: 1667139581
Conc: 37.30 ng/ml m



#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.003 min
Response: 135768159
Conc: 48.19 ng/ml

Instrument :

ECD_D

ClientSampleId :

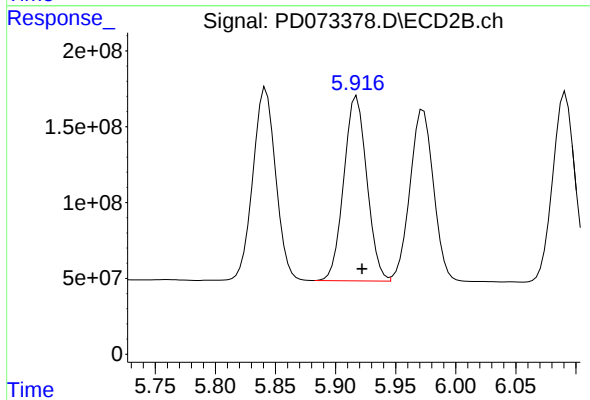
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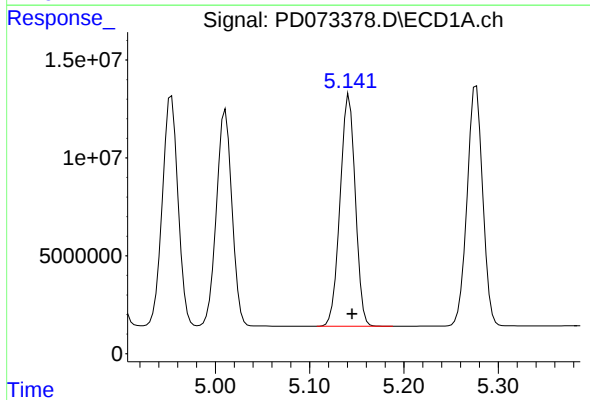
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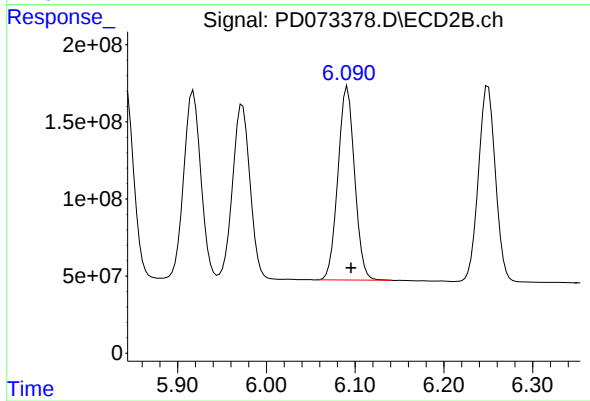
#11 alpha-Chlordane

R.T.: 5.918 min
Delta R.T.: -0.004 min
Response: 1628088204
Conc: 37.20 ng/ml



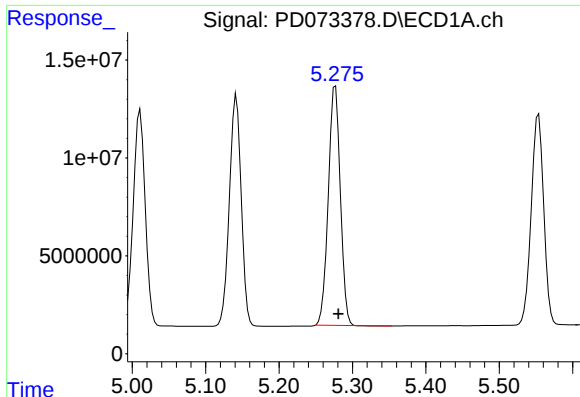
#12 4,4'-DDE

R.T.: 5.142 min
Delta R.T.: -0.003 min
Response: 132819000
Conc: 49.05 ng/ml



#12 4,4'-DDE

R.T.: 6.091 min
Delta R.T.: -0.004 min
Response: 1639640859
Conc: 38.80 ng/ml



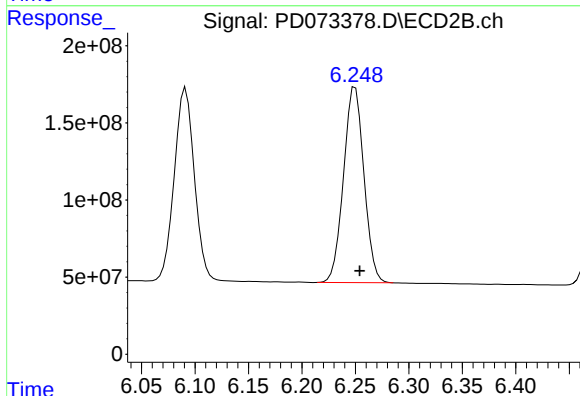
#13 Dieldrin

R.T.: 5.277 min
Delta R.T.: -0.004 min
Response: 139226744
Conc: 49.34 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

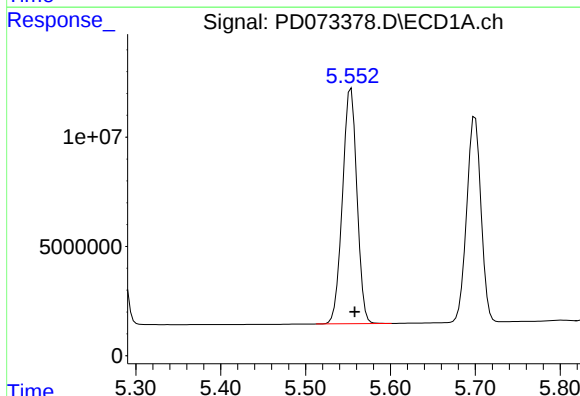
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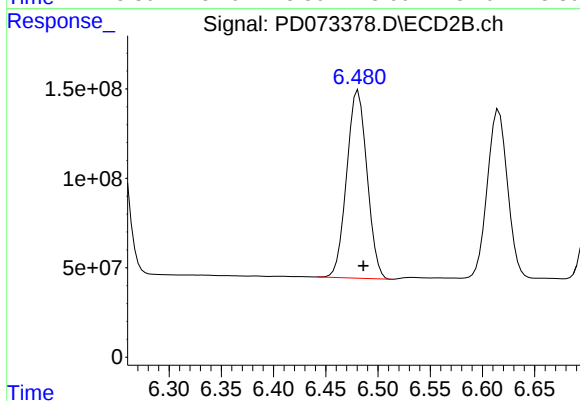
#13 Dieldrin

R.T.: 6.248 min
Delta R.T.: -0.006 min
Response: 1686180064
Conc: 40.14 ng/ml m



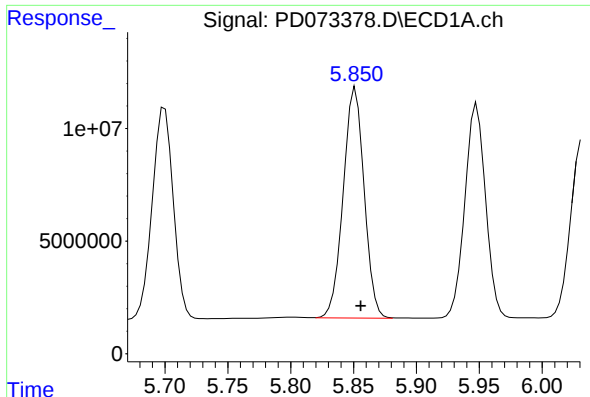
#14 Endrin

R.T.: 5.554 min
Delta R.T.: -0.004 min
Response: 127450571
Conc: 49.64 ng/ml



#14 Endrin

R.T.: 6.481 min
Delta R.T.: -0.005 min
Response: 1424322573
Conc: 43.35 ng/ml



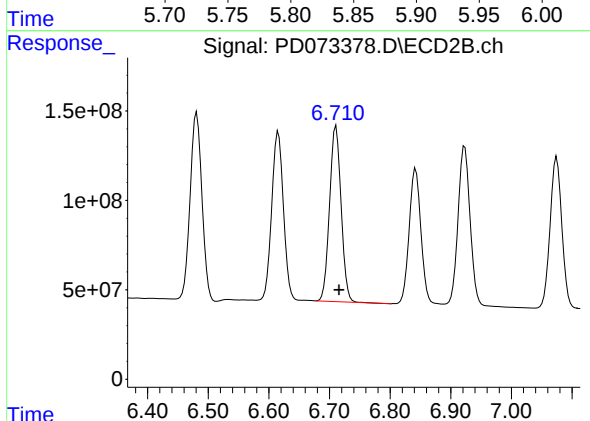
#15 Endosulfan II

R.T.: 5.850 min
Delta R.T.: -0.006 min
Response: 118768322
Conc: 50.27 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

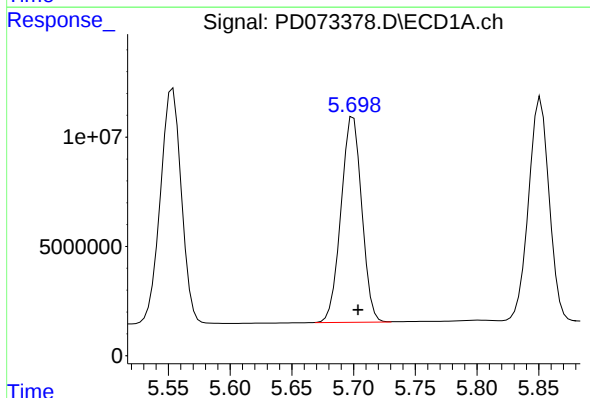
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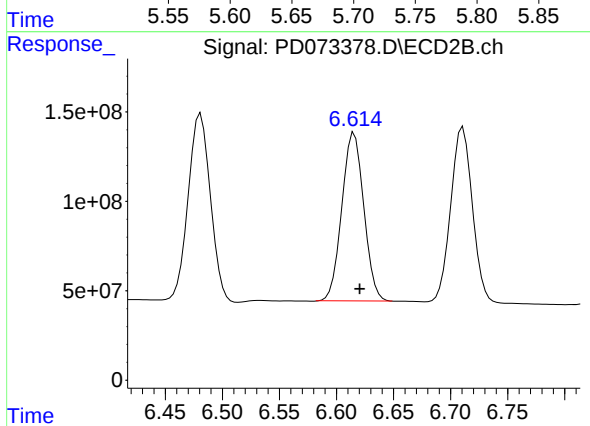
#15 Endosulfan II

R.T.: 6.711 min
Delta R.T.: -0.005 min
Response: 1298448177
Conc: 40.87 ng/ml



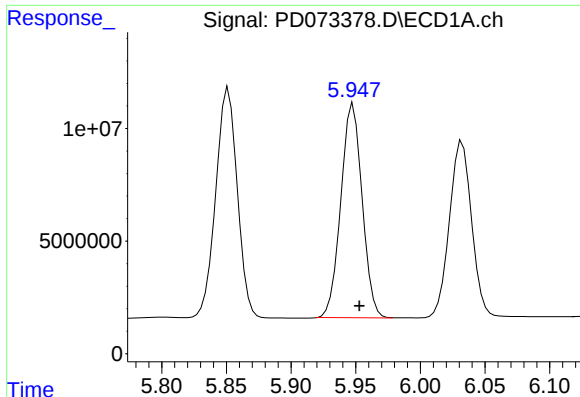
#16 4,4'-DDD

R.T.: 5.698 min
Delta R.T.: -0.005 min
Response: 109945694
Conc: 48.75 ng/ml m



#16 4,4'-DDD

R.T.: 6.614 min
Delta R.T.: -0.006 min
Response: 1257994998
Conc: 40.26 ng/ml m



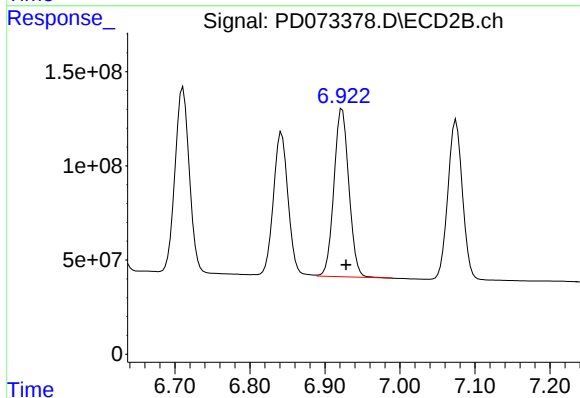
#17 4,4'-DDT

R.T.: 5.947 min
Delta R.T.: -0.006 min
Response: 108538270
Conc: 49.00 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

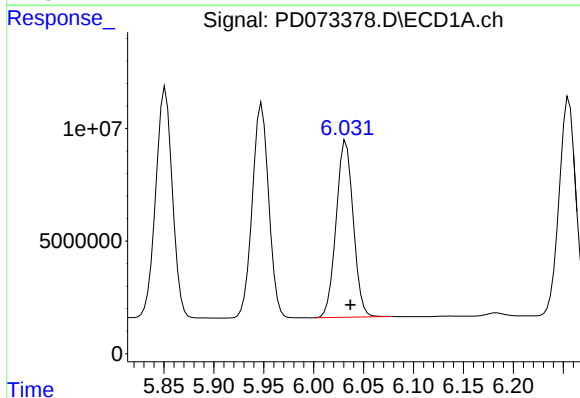
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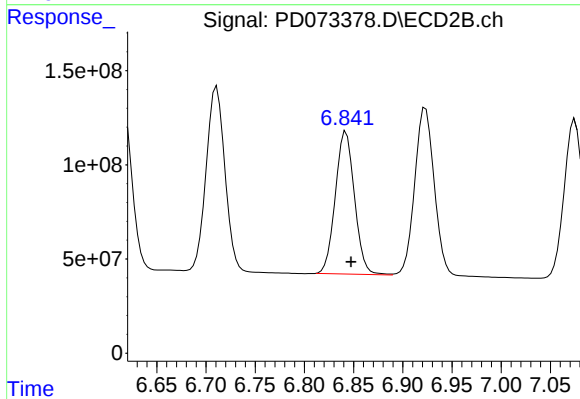
#17 4,4'-DDT

R.T.: 6.923 min
Delta R.T.: -0.005 min
Response: 1235043660
Conc: 40.87 ng/ml



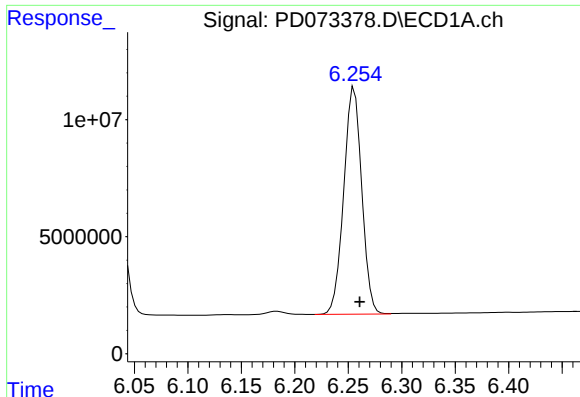
#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: -0.005 min
Response: 93655544
Conc: 49.76 ng/ml



#18 Endrin aldehyde

R.T.: 6.842 min
Delta R.T.: -0.005 min
Response: 1025316024
Conc: 43.74 ng/ml



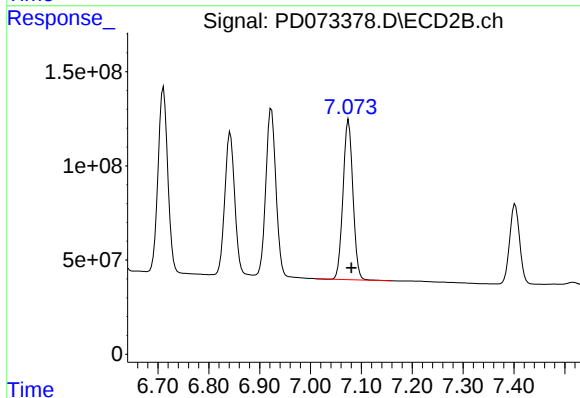
#19 Endosulfan Sulfate

R.T.: 6.256 min
Delta R.T.: -0.005 min
Response: 113748570
Conc: 47.86 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

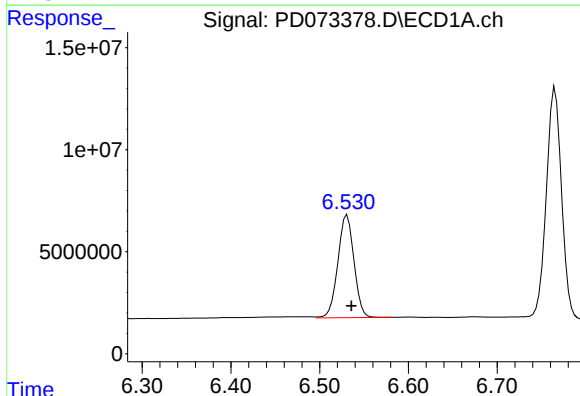
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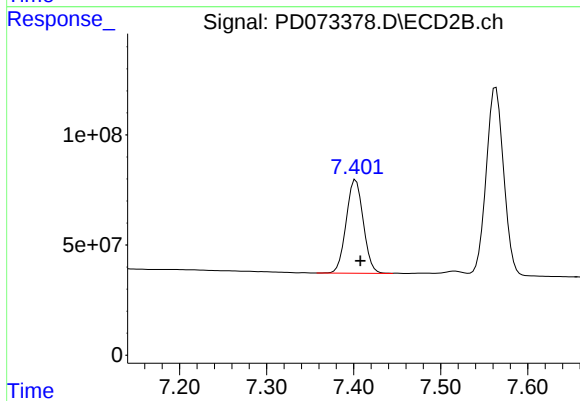
#19 Endosulfan Sulfate

R.T.: 7.075 min
Delta R.T.: -0.006 min
Response: 1142847275
Conc: 41.77 ng/ml



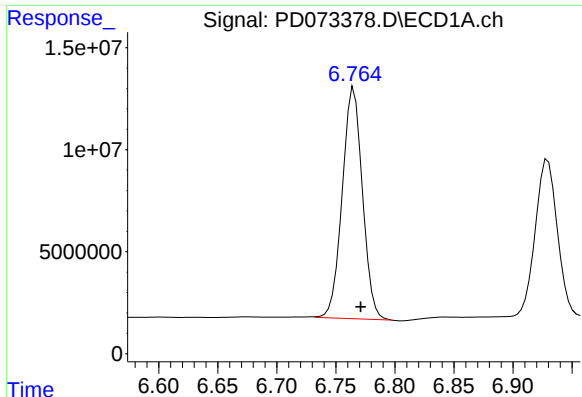
#20 Methoxychlor

R.T.: 6.531 min
Delta R.T.: -0.005 min
Response: 63513312
Conc: 47.65 ng/ml



#20 Methoxychlor

R.T.: 7.402 min
Delta R.T.: -0.005 min
Response: 578876826
Conc: 42.77 ng/ml



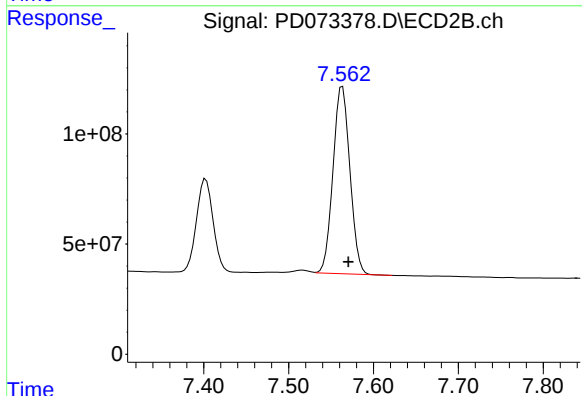
#21 Endrin ketone

R.T.: 6.764 min
Delta R.T.: -0.007 min
Response: 134855316
Conc: 49.63 ng/ml

Instrument :
ECD_D
ClientSampleId :
PB149774BSD

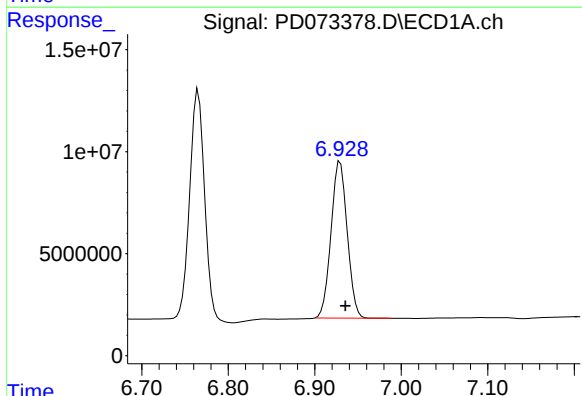
Manual Integrations
APPROVED

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



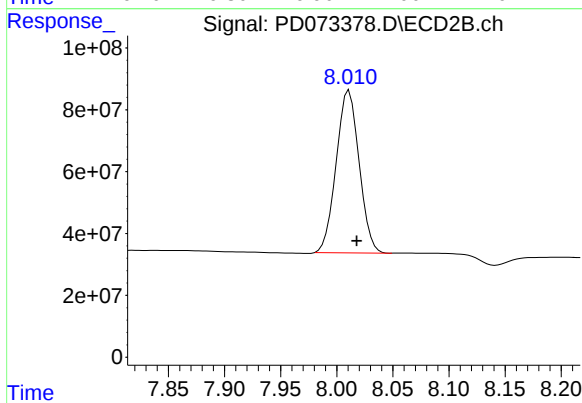
#21 Endrin ketone

R.T.: 7.563 min
Delta R.T.: -0.007 min
Response: 1175131156
Conc: 42.80 ng/ml



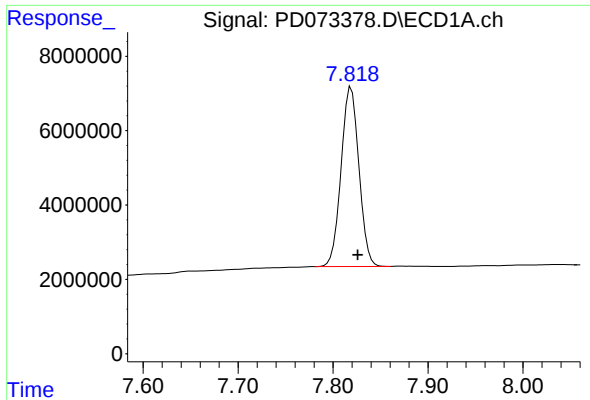
#22 Mirex

R.T.: 6.930 min
Delta R.T.: -0.006 min
Response: 99486715
Conc: 47.86 ng/ml



#22 Mirex

R.T.: 8.011 min
Delta R.T.: -0.007 min
Response: 747544773
Conc: 42.74 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.819 min
Delta R.T.: -0.007 min
Response: 63022340
Conc: 26.03 ng/ml

Instrument :

ECD_D

ClientSampleId :

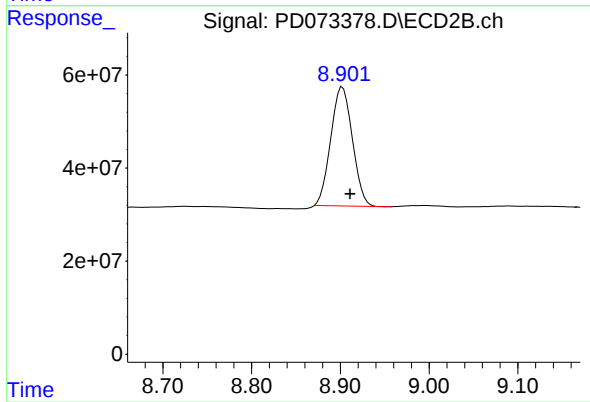
PB149774BSD

Manual Integrations

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#28 Decachlorobiphenyl

R.T.: 8.903 min
Delta R.T.: -0.008 min
Response: 433108525
Conc: 24.57 ng/ml