

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102222\
 Data File : PL078484.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 18:25
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/24/2022
 Supervised By : Ankita Jodhani 10/24/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 22 02:04:02 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102122.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 21 07:08:41 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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 x0.5µm

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

System Monitoring Compounds							
1)	SA Tetrachlo...	3.322	2.572	93310400	123.6E6	48.930	48.400
28)	SA Decachlor...	8.775	7.643	76243031	90886105	50.681	47.984
Target Compounds							
2)	A alpha-BHC	3.783	3.059	145.0E6	192.3E6	50.481	48.701
3)	MA gamma-BHC...	4.115	3.380	134.0E6	175.9E6	50.153	48.929
4)	MA Heptachlor	4.686	3.708	129.4E6	164.0E6	49.853	47.296
5)	MB Aldrin	5.025	3.978	125.3E6	163.4E6	50.574	46.656m
6)	B beta-BHC	4.330	3.680	57347512	68787370	49.782	47.941
7)	B delta-BHC	4.571	3.900	121.8E6	178.4E6	53.504	48.998
8)	B Heptachlo...	5.459	4.476	121.7E6	147.6E6	57.306	48.997
9)	A Endosulfan I	5.843	4.839	105.7E6	135.9E6	49.559	47.488
10)	B gamma-Chl...	5.714	4.724	114.0E6	146.0E6	50.485	47.638
11)	B alpha-Chl...	5.791	4.786	112.8E6	142.8E6	48.733	47.917
12)	B 4,4'-DDE	5.974	4.981	99977131	132.5E6	49.955	48.665
13)	MA Dieldrin	6.120	5.101	107.7E6	145.6E6	49.926	49.123
14)	MA Endrin	6.351	5.371	94287185	121.4E6	49.682	46.580
15)	B Endosulfa...	6.581	5.668	87004694	113.6E6	46.374	49.897
16)	A 4,4'-DDD	6.499	5.532	84723883	112.9E6	50.823	51.382
17)	MA 4,4'-DDT	6.808	5.779	82035715	102.9E6	45.771	47.460
18)	B Endrin al...	6.713	5.847	71603643	90357125	49.210	48.145
19)	B Endosulfa...	6.945	6.069	90117521	114.3E6	48.979	48.030
20)	A Methoxychlor	7.293	6.356	42913342	54019723	46.600	47.603
21)	B Endrin ke...	7.432	6.566	97655230	136.1E6	51.906	52.665
22)	Mirex	7.890	6.738	72230712	93861090	49.479	47.695

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

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PSTDCCC050

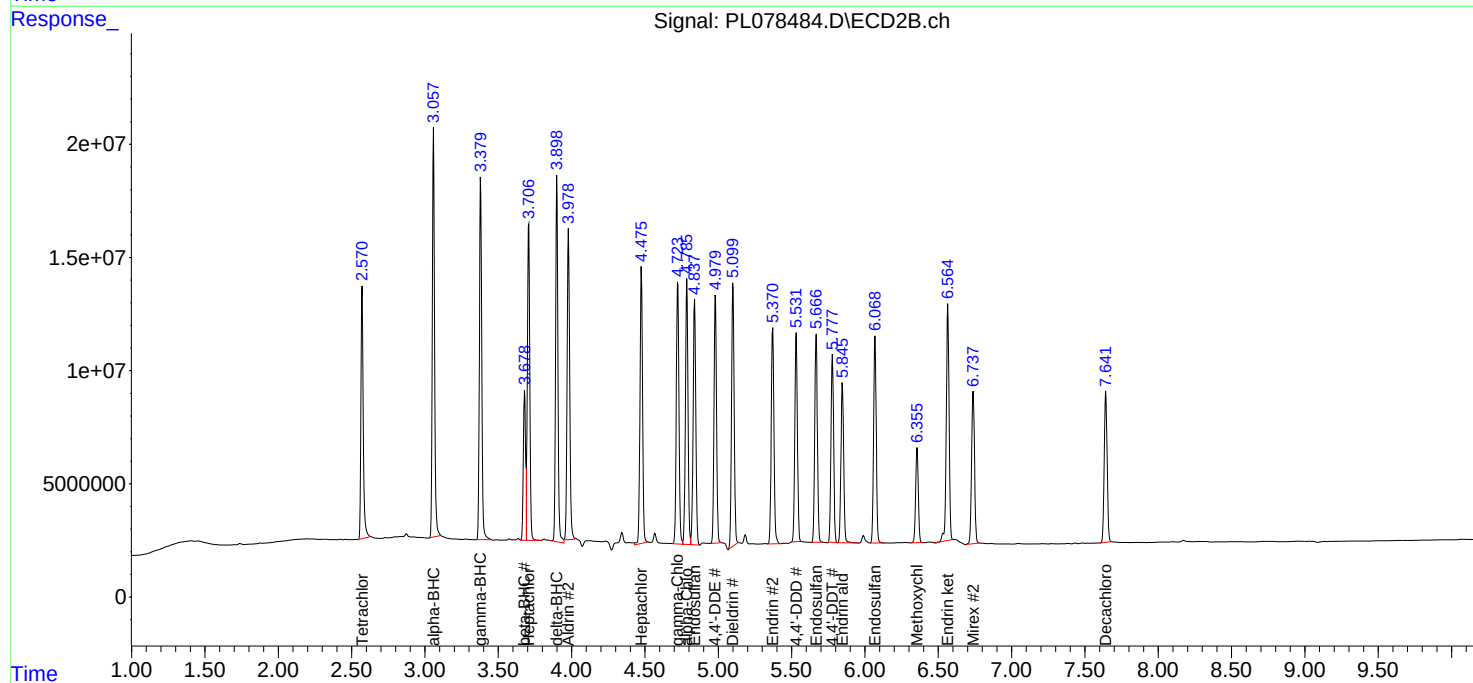
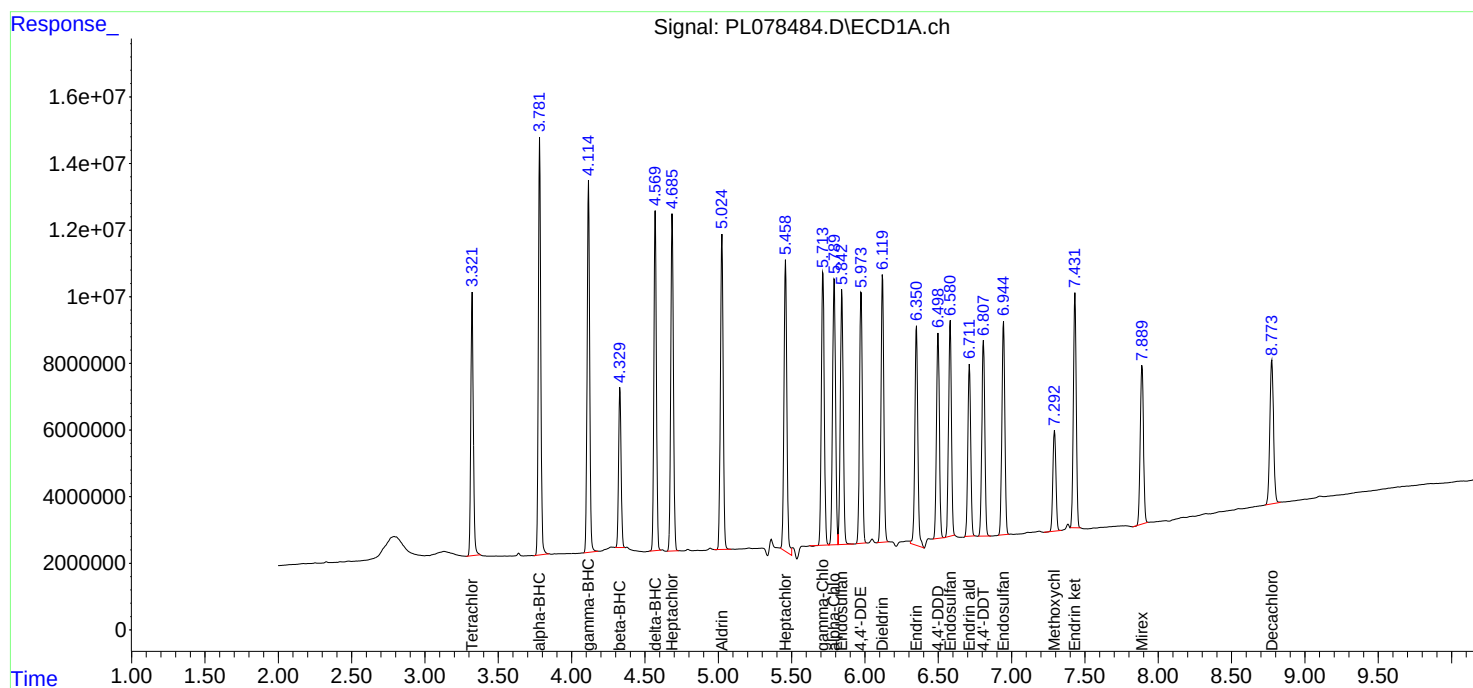
Manual Integrations

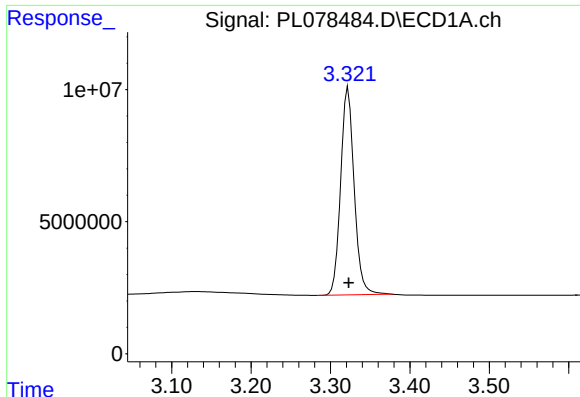
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
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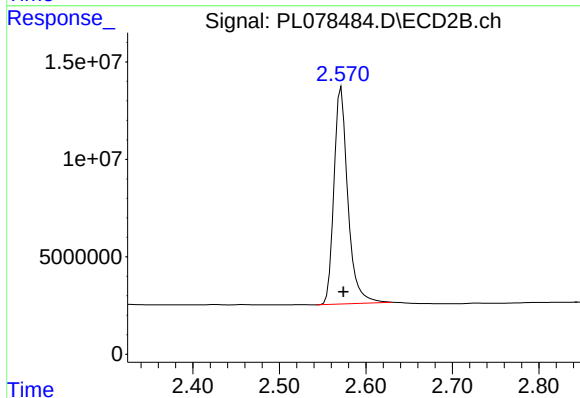
#1 Tetrachloro-m-xylene

R.T.: 3.322 min
Delta R.T.: 0.000 min
Response: 93310400
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

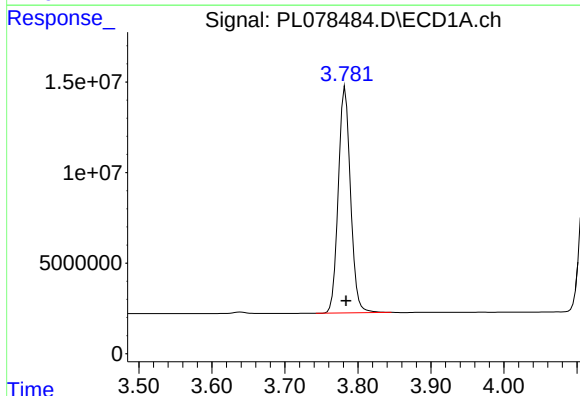
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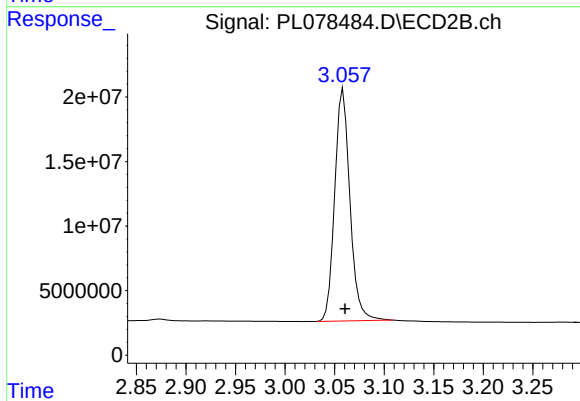
#1 Tetrachloro-m-xylene

R.T.: 2.572 min
Delta R.T.: -0.002 min
Response: 123574022
Conc: 48.40 ng/ml



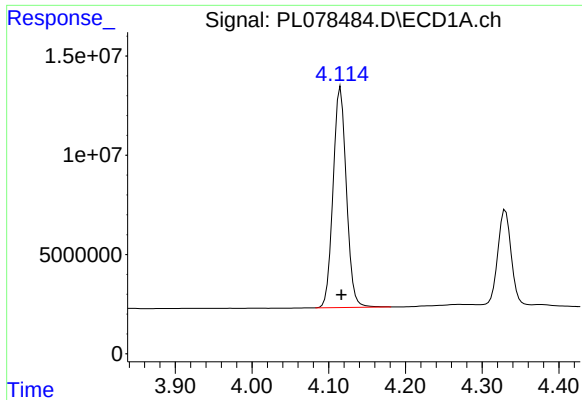
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: -0.001 min
Response: 144951143
Conc: 50.48 ng/ml



#2 alpha-BHC

R.T.: 3.059 min
Delta R.T.: -0.002 min
Response: 192321874
Conc: 48.70 ng/ml



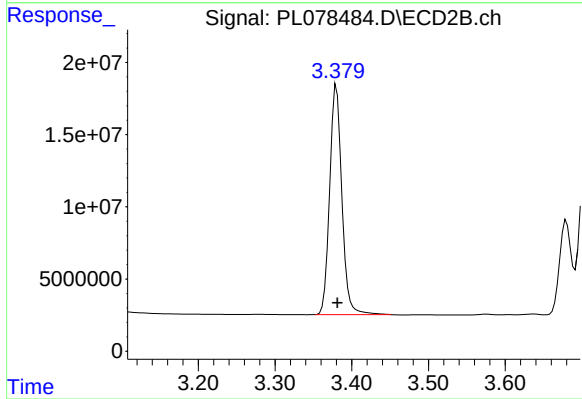
#3 gamma-BHC (Lindane)

R.T.: 4.115 min
Delta R.T.: 0.000 min
Response: 133996311
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

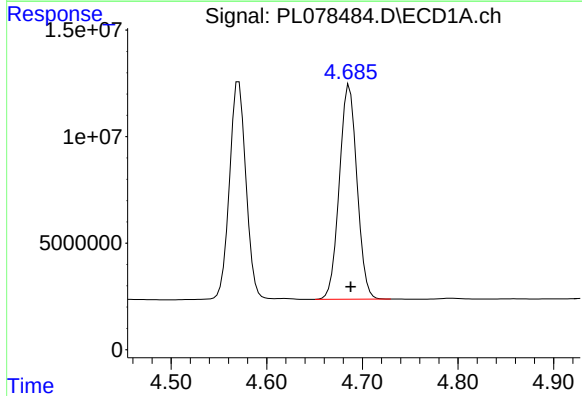
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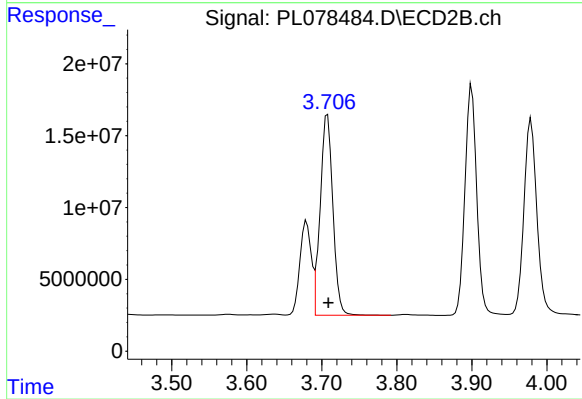
#3 gamma-BHC (Lindane)

R.T.: 3.380 min
Delta R.T.: -0.001 min
Response: 175859800
Conc: 48.93 ng/ml



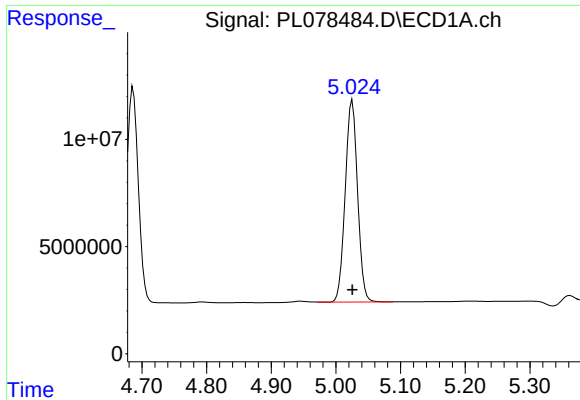
#4 Heptachlor

R.T.: 4.686 min
Delta R.T.: -0.001 min
Response: 129419260
Conc: 49.85 ng/ml



#4 Heptachlor

R.T.: 3.708 min
Delta R.T.: -0.001 min
Response: 164014578
Conc: 47.30 ng/ml



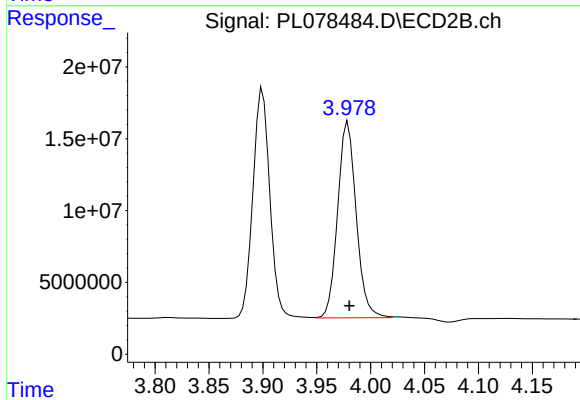
#5 Aldrin

R.T.: 5.025 min
Delta R.T.: 0.000 min
Response: 125256716
Conc: 50.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

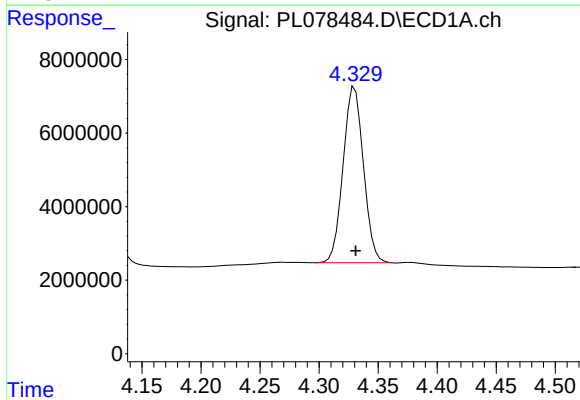
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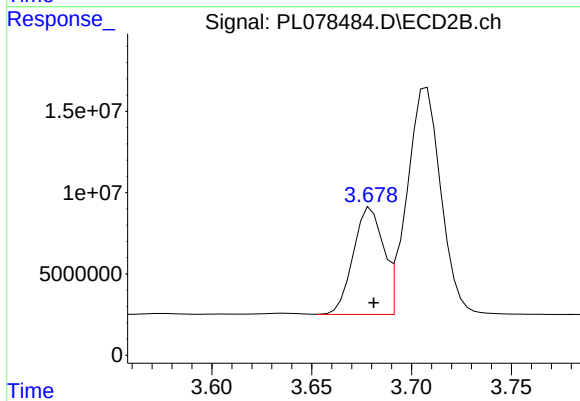
#5 Aldrin

R.T.: 3.978 min
Delta R.T.: -0.003 min
Response: 163374739
Conc: 46.66 ng/ml m



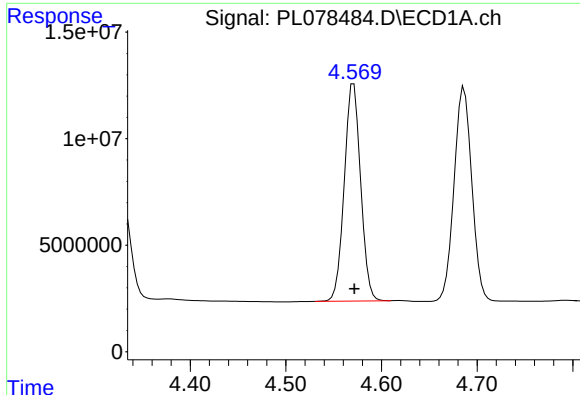
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 57347512
Conc: 49.78 ng/ml



#6 beta-BHC

R.T.: 3.680 min
Delta R.T.: -0.001 min
Response: 68787370
Conc: 47.94 ng/ml



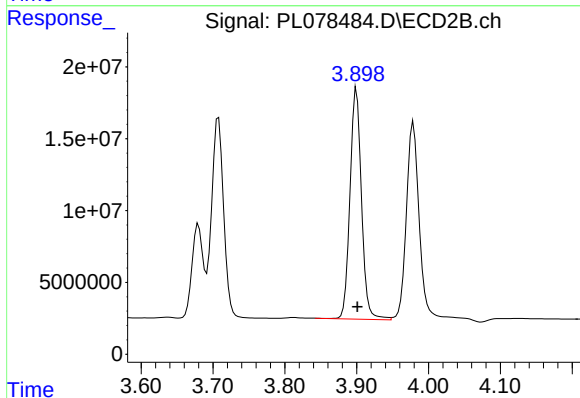
#7 delta-BHC

R.T.: 4.571 min
Delta R.T.: 0.000 min
Response: 121820134
Conc: 53.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

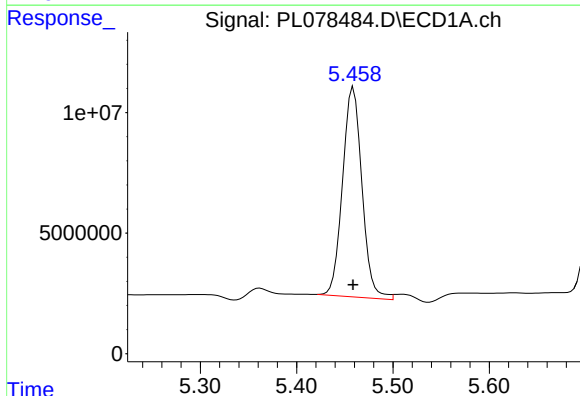
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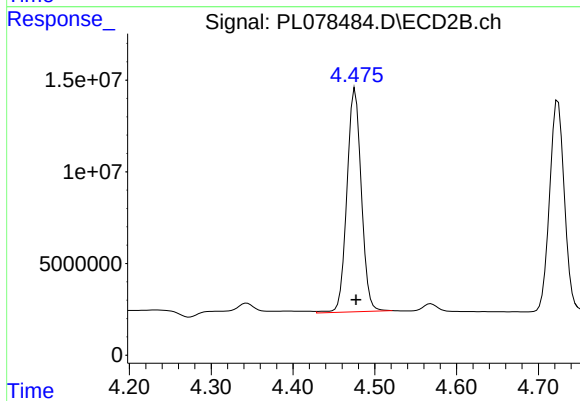
#7 delta-BHC

R.T.: 3.900 min
Delta R.T.: -0.001 min
Response: 178417884
Conc: 49.00 ng/ml



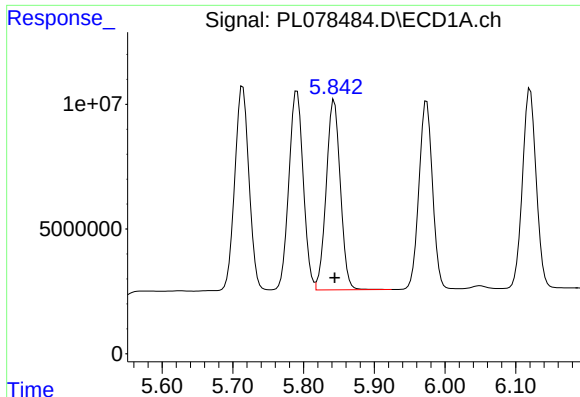
#8 Heptachlor epoxide

R.T.: 5.459 min
Delta R.T.: 0.000 min
Response: 121660798
Conc: 57.31 ng/ml



#8 Heptachlor epoxide

R.T.: 4.476 min
Delta R.T.: -0.001 min
Response: 147639811
Conc: 49.00 ng/ml



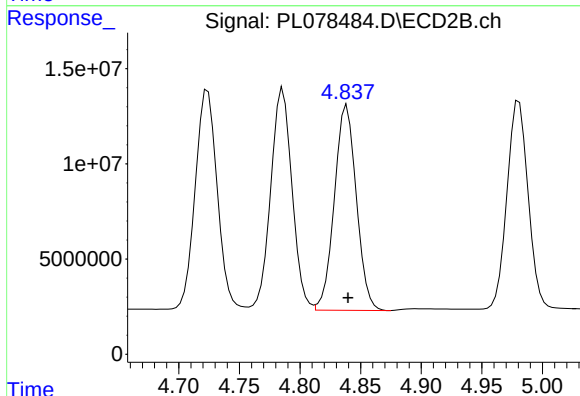
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 105738134
Conc: 49.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

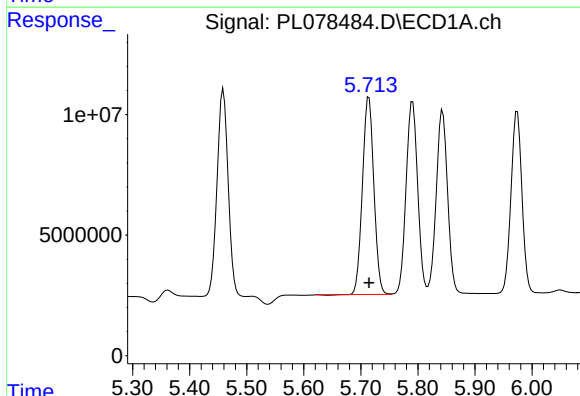
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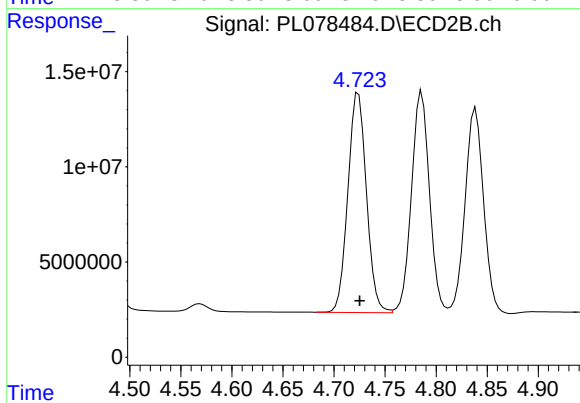
#9 Endosulfan I

R.T.: 4.839 min
Delta R.T.: -0.001 min
Response: 135940514
Conc: 47.49 ng/ml



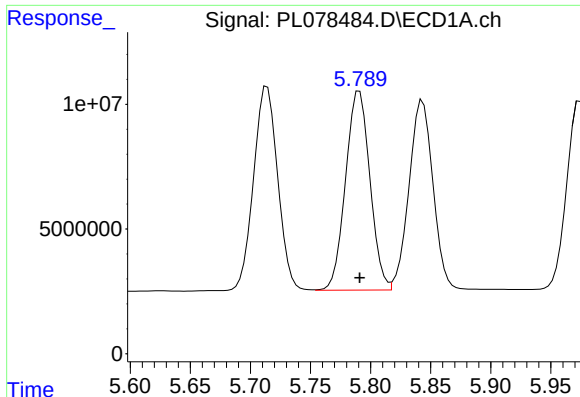
#10 gamma-Chlordane

R.T.: 5.714 min
Delta R.T.: 0.000 min
Response: 113952228
Conc: 50.49 ng/ml



#10 gamma-Chlordane

R.T.: 4.724 min
Delta R.T.: -0.001 min
Response: 145983574
Conc: 47.64 ng/ml



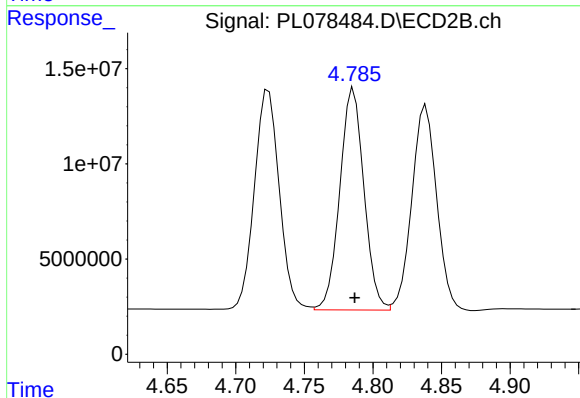
#11 alpha-Chlordane

R.T.: 5.791 min
Delta R.T.: 0.000 min
Response: 112758196
Conc: 48.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

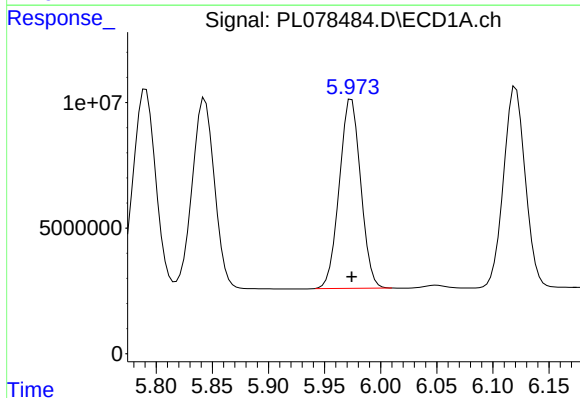
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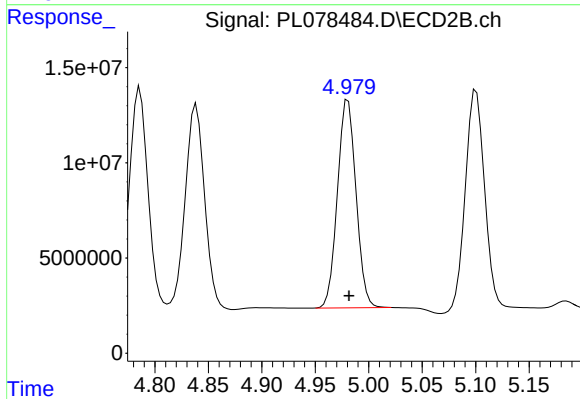
#11 alpha-Chlordane

R.T.: 4.786 min
Delta R.T.: 0.000 min
Response: 142812062
Conc: 47.92 ng/ml



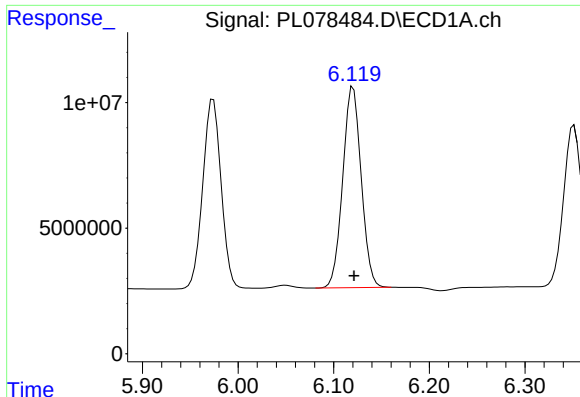
#12 4,4'-DDE

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 99977131
Conc: 49.95 ng/ml



#12 4,4'-DDE

R.T.: 4.981 min
Delta R.T.: -0.001 min
Response: 132491060
Conc: 48.66 ng/ml



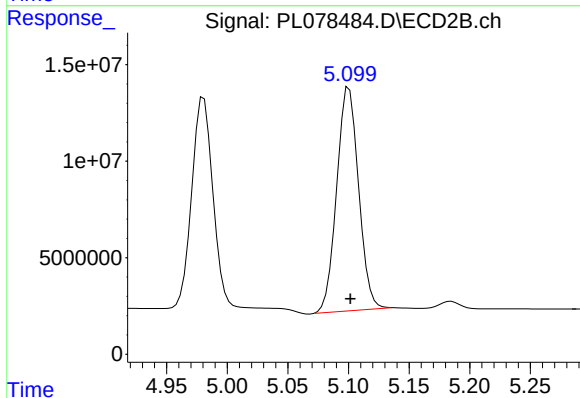
#13 Dieldrin

R.T.: 6.120 min
Delta R.T.: -0.001 min
Response: 107666830
Conc: 49.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

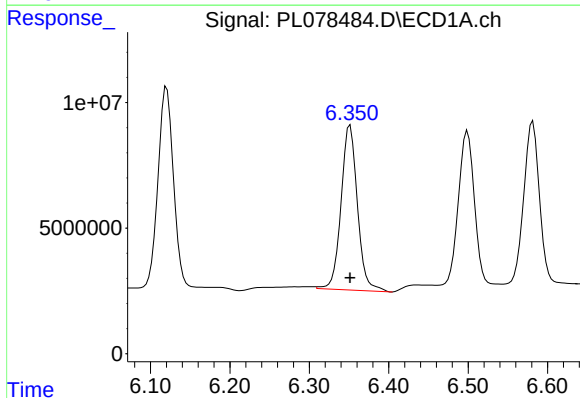
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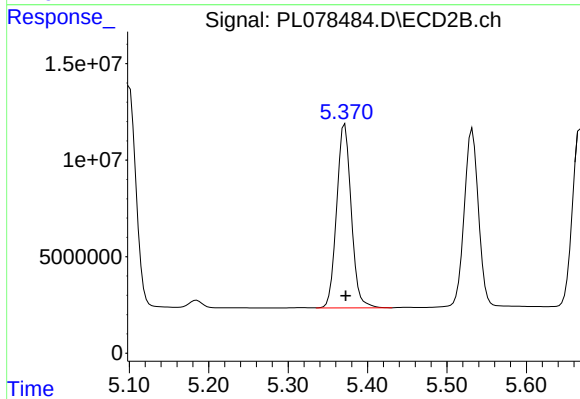
#13 Dieldrin

R.T.: 5.101 min
Delta R.T.: -0.001 min
Response: 145556246
Conc: 49.12 ng/ml



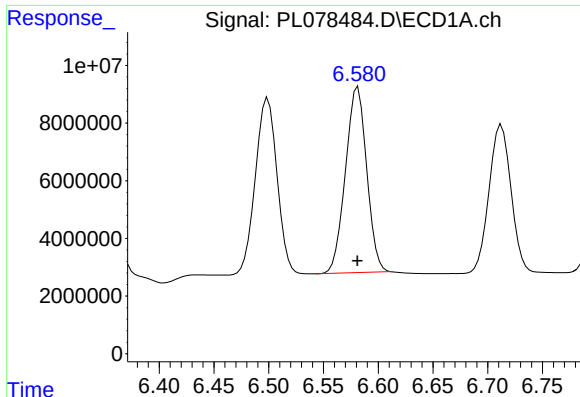
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 94287185
Conc: 49.68 ng/ml



#14 Endrin

R.T.: 5.371 min
Delta R.T.: -0.001 min
Response: 121353094
Conc: 46.58 ng/ml



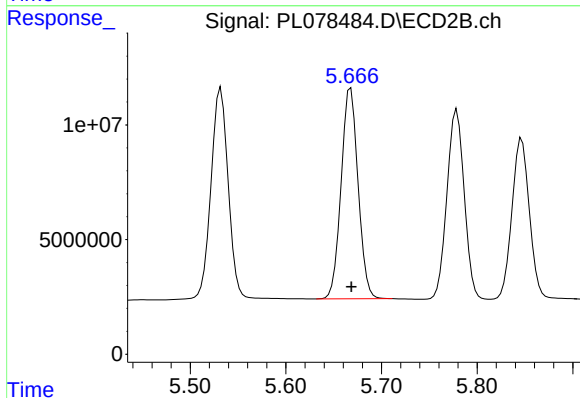
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 87004694
Conc: 46.37 ng/ml

Instrument :
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ClientSampleId :
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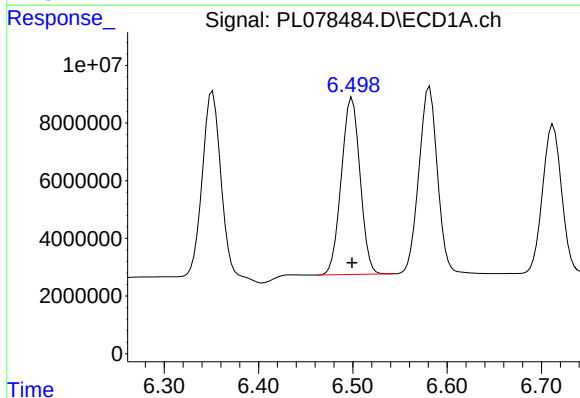
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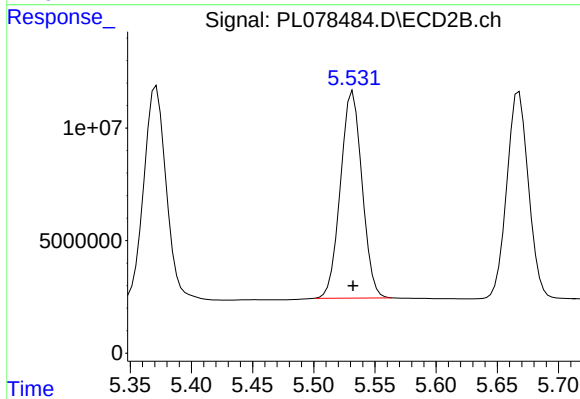
#15 Endosulfan II

R.T.: 5.668 min
Delta R.T.: 0.000 min
Response: 113579851
Conc: 49.90 ng/ml



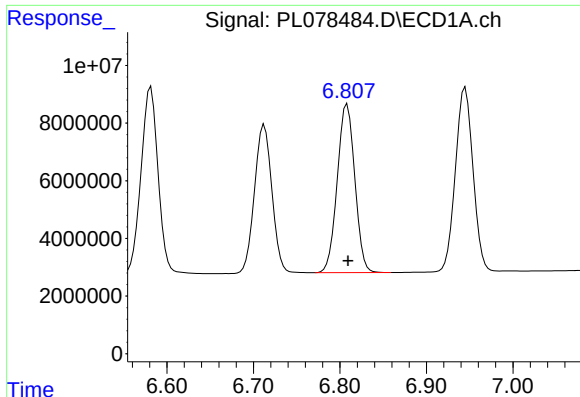
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 84723883
Conc: 50.82 ng/ml



#16 4,4'-DDD

R.T.: 5.532 min
Delta R.T.: 0.000 min
Response: 112853759
Conc: 51.38 ng/ml



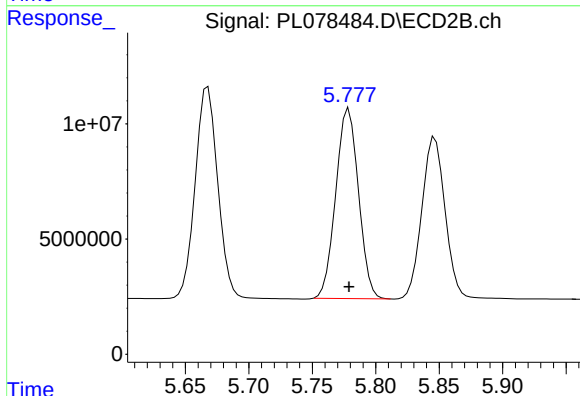
#17 4,4'-DDT

R.T.: 6.808 min
Delta R.T.: 0.000 min
Response: 82035715
Conc: 45.77 ng/ml

Instrument :
ECD_L
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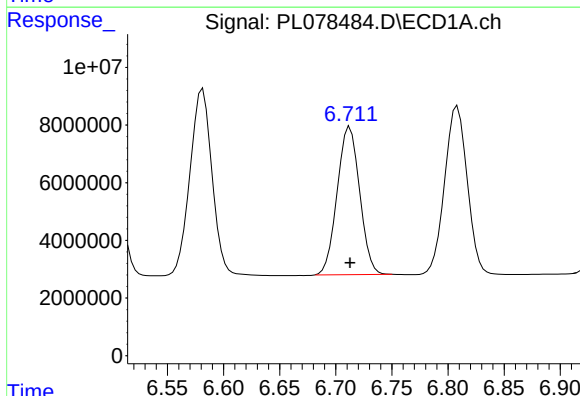
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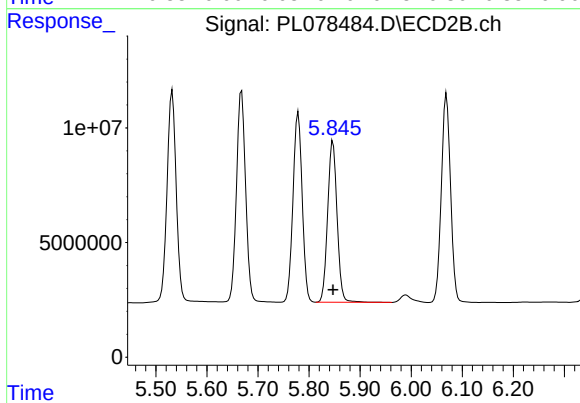
#17 4,4'-DDT

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 102947642
Conc: 47.46 ng/ml



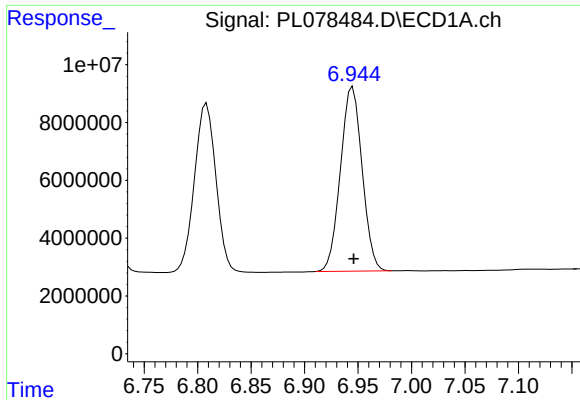
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 71603643
Conc: 49.21 ng/ml



#18 Endrin aldehyde

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 90357125
Conc: 48.14 ng/ml



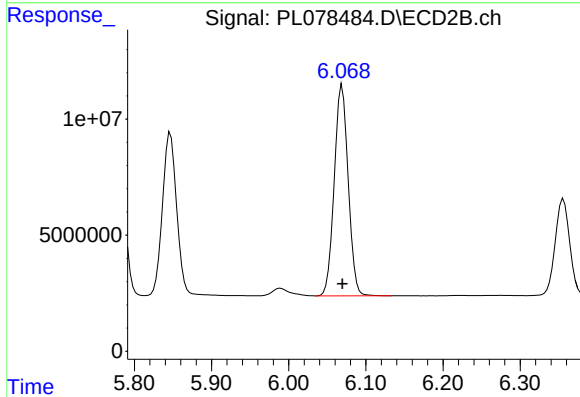
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.000 min
Response: 90117521
Conc: 48.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

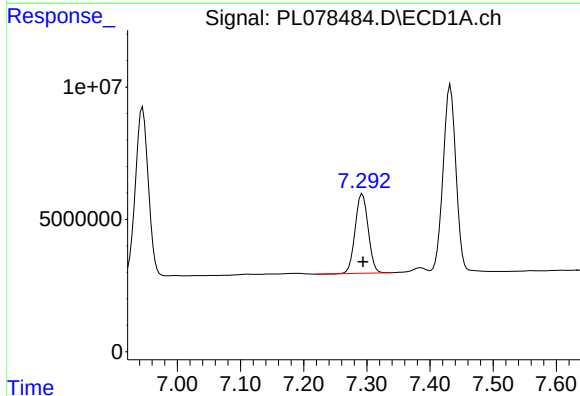
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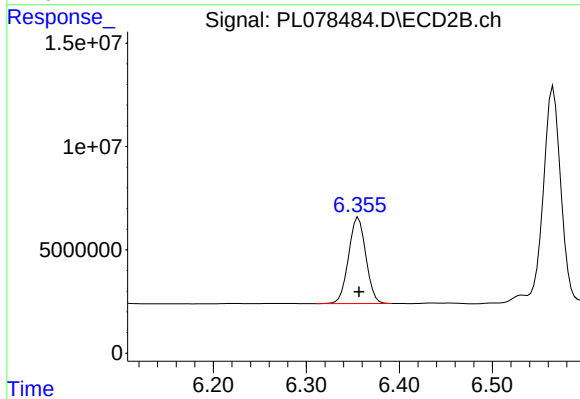
#19 Endosulfan Sulfate

R.T.: 6.069 min
Delta R.T.: 0.000 min
Response: 114334935
Conc: 48.03 ng/ml



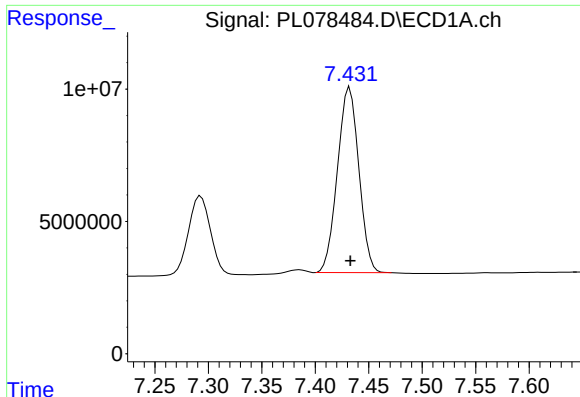
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: -0.001 min
Response: 42913342
Conc: 46.60 ng/ml



#20 Methoxychlor

R.T.: 6.356 min
Delta R.T.: 0.000 min
Response: 54019723
Conc: 47.60 ng/ml



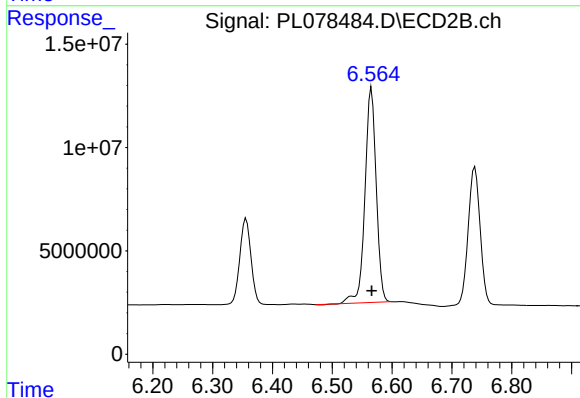
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: 0.000 min
Response: 97655230
Conc: 51.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

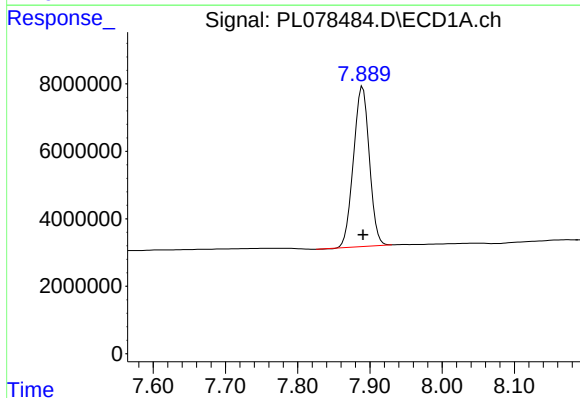
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Supervised By :Ankita Jodhani 10/24/2022



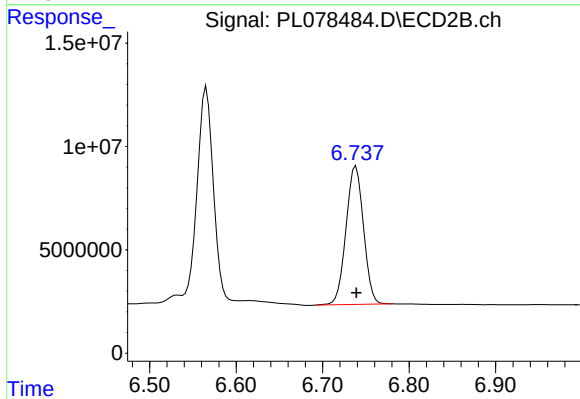
#21 Endrin ketone

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 136124184
Conc: 52.66 ng/ml



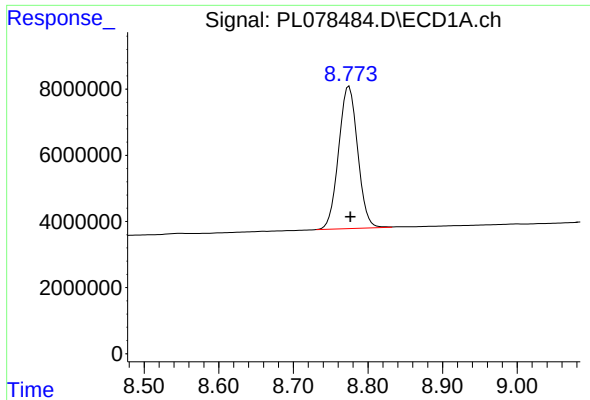
#22 Mirex

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 72230712
Conc: 49.48 ng/ml



#22 Mirex

R.T.: 6.738 min
Delta R.T.: 0.000 min
Response: 93861090
Conc: 47.69 ng/ml



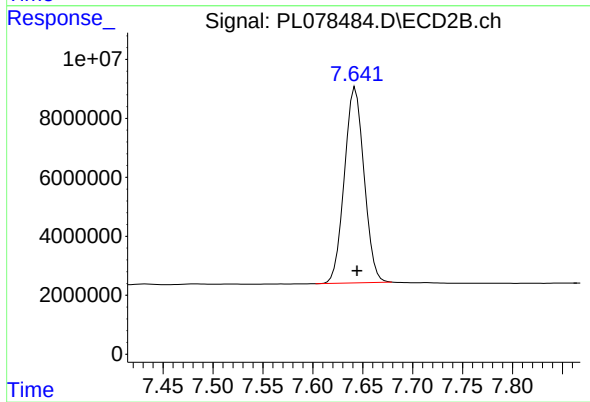
#28 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.002 min
Response: 76243031
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 10/24/2022



#28 Decachlorobiphenyl

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 90886105
Conc: 47.98 ng/ml