

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092022\
 Data File : PL077869.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Sep 2022 16:33
 Operator : AR\AJ
 Sample : N4703-02MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 ETGI-363MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 09/21/2022
 Supervised By : Ankita Jodhani 09/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 21 02:53:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 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...	3.415	2.623	33268315	64789966	20.754	21.824
28)	SA Decachlor...	8.902	7.718	27013465	56002049	20.901m	22.310m
Target Compounds							
2)	A alpha-BHC	3.880	3.115	115.7E6	233.0E6	48.774	51.385
3)	MA gamma-BHC...	4.214	3.439	106.4E6	204.3E6	48.083m	50.600
4)	MA Heptachlor	4.791	3.771	104.2E6	203.4E6	47.062	51.351
5)	MB Aldrin	5.131	4.044	99975379	203.6E6	50.304	53.640
6)	B beta-BHC	4.429	3.739	48150135	82061757	49.543	49.292
7)	B delta-BHC	4.672	3.962	72327658	165.0E6	35.227	40.663
8)	B Heptachlo...	5.564	4.544	87843023	176.3E6	50.389	52.140
9)	A Endosulfan I	5.951	4.910	75600800	146.0E6	46.907	46.262
10)	B gamma-Chl...	5.820	4.792	91010337	196.7E6	51.979	57.706
11)	B alpha-Chl...	5.897	4.855	95502580	176.0E6	55.289	53.145
12)	B 4,4'-DDE	6.076	5.050	74224915	177.0E6	46.628	54.405
13)	MA Dieldrin	6.228	5.172	81677519	185.0E6	50.605	55.793
14)	MA Endrin	6.460	5.444	69192671	161.1E6	50.031	56.502
15)	B Endosulfa...	6.688	5.741	69319364	144.7E6	50.182	54.903
16)	A 4,4'-DDD	6.601	5.602	56262538	127.5E6	48.052	49.223
17)	MA 4,4'-DDT	6.912	5.850	64216051	143.4E6	50.678	54.422
18)	B Endrin al...	6.819	5.920	53326498	109.8E6	50.428	53.232
19)	B Endosulfa...	7.051	6.143	60042637	131.4E6	46.886	48.860
20)	A Methoxychlor	7.392	6.427	30580255	80352644	46.302	58.676m#
21)	B Endrin ke...	7.540	6.642	62301068	142.0E6	45.087	46.878
22)	Mirex	7.999	6.817	52613446	105.5E6	50.109m	49.082m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL092022\
Data File : PL077869.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Sep 2022 16:33
Operator : AR\AJ
Sample : N4703-02MS
Misc :
ALS Vial : 21 Sample Multiplier: 1

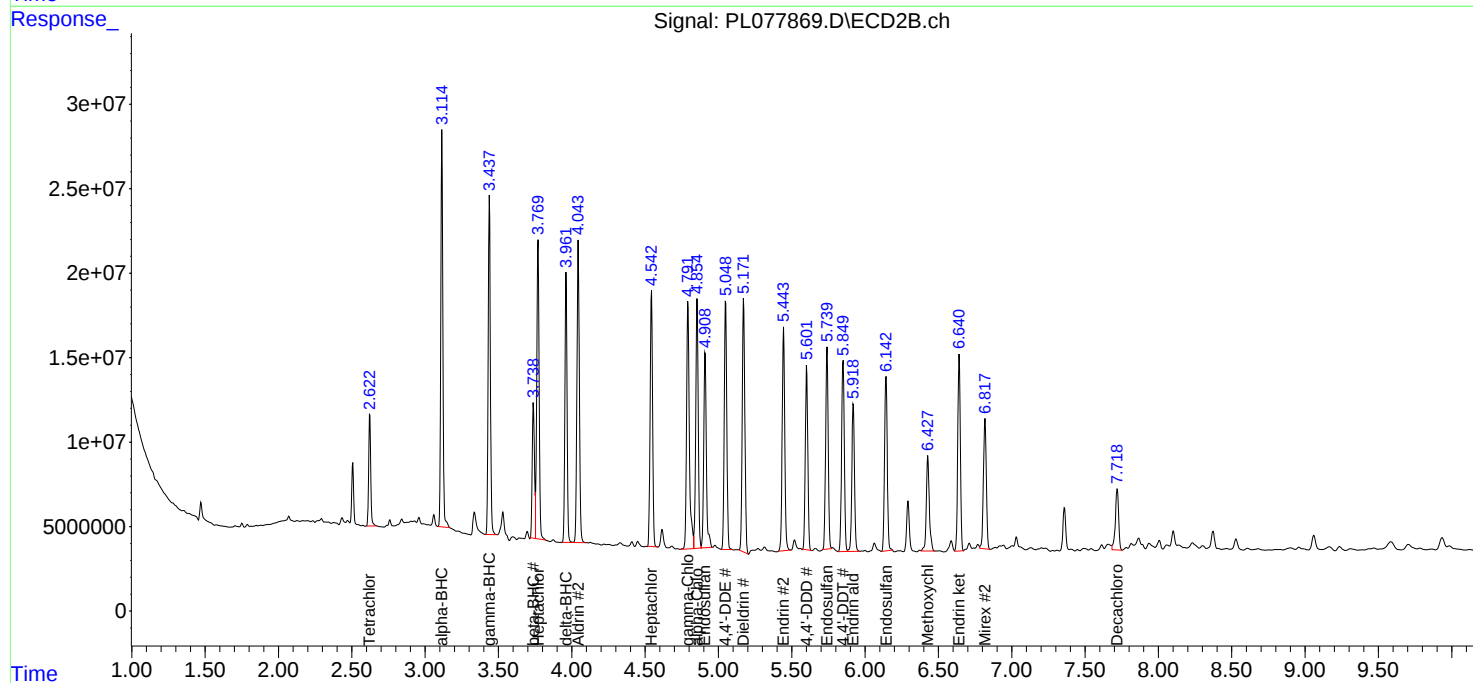
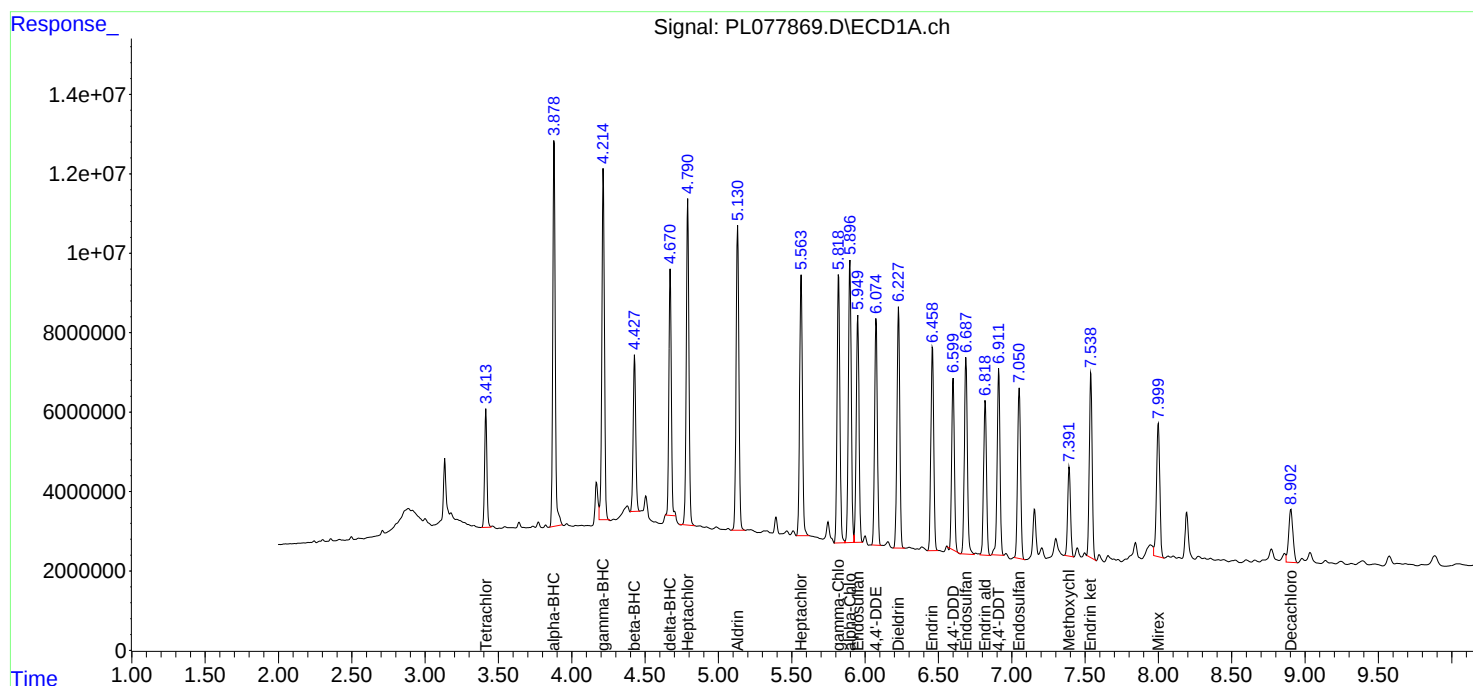
Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

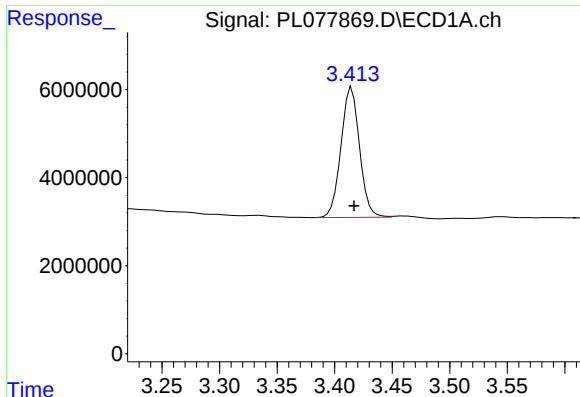
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2022
Supervised By :Ankita Jodhani 09/21/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Sep 21 02:53:23 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
Quant Title : GC Extractables
QLast Update : Tue Sep 13 13:26:11 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





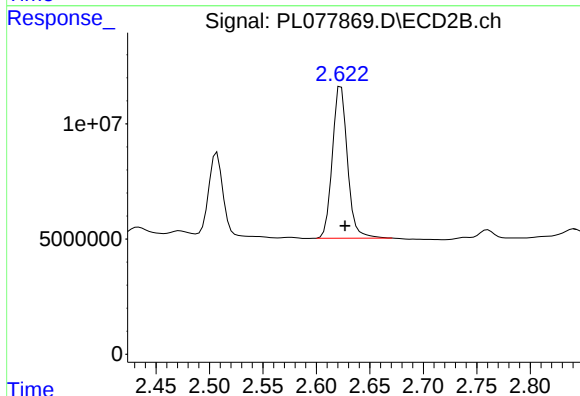
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 33268315
Conc: 20.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

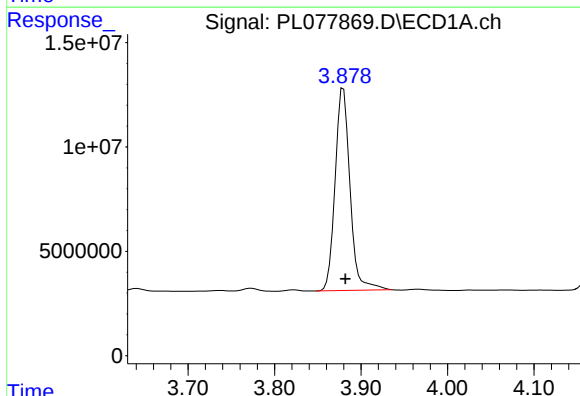
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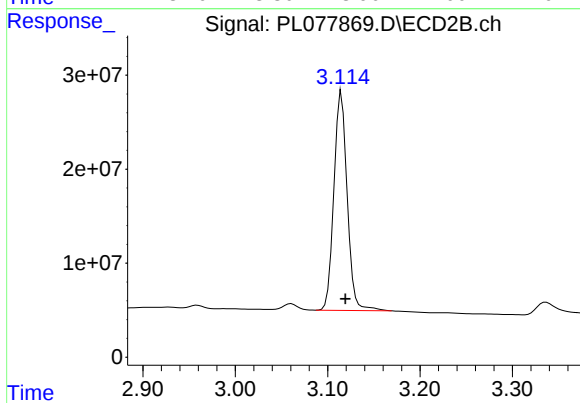
#1 Tetrachloro-m-xylene

R.T.: 2.623 min
Delta R.T.: -0.004 min
Response: 64789966
Conc: 21.82 ng/ml



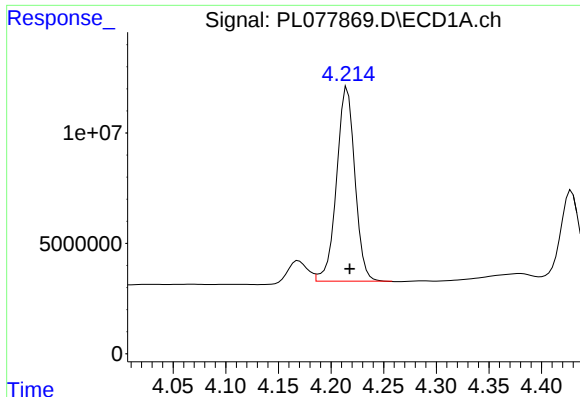
#2 alpha-BHC

R.T.: 3.880 min
Delta R.T.: -0.002 min
Response: 115745700
Conc: 48.77 ng/ml



#2 alpha-BHC

R.T.: 3.115 min
Delta R.T.: -0.004 min
Response: 233038402
Conc: 51.39 ng/ml



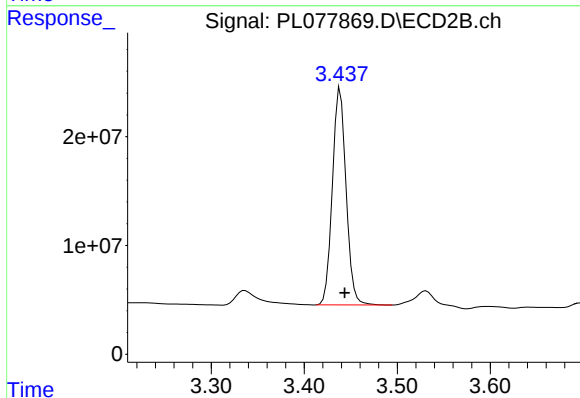
#3 gamma-BHC (Lindane)

R.T.: 4.214 min
Delta R.T.: -0.004 min
Response: 106378778
Conc: 48.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

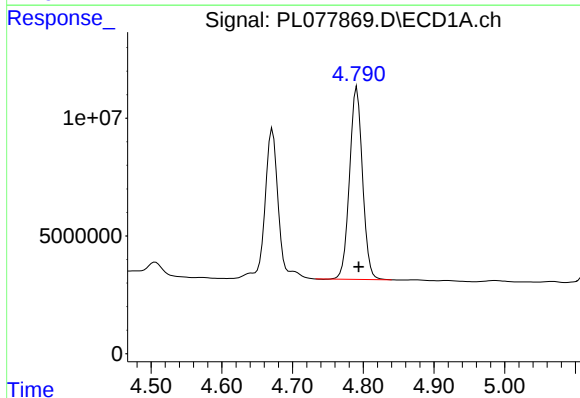
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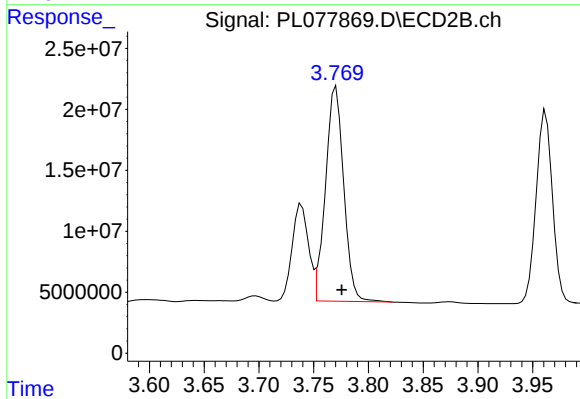
#3 gamma-BHC (Lindane)

R.T.: 3.439 min
Delta R.T.: -0.005 min
Response: 204331300
Conc: 50.60 ng/ml



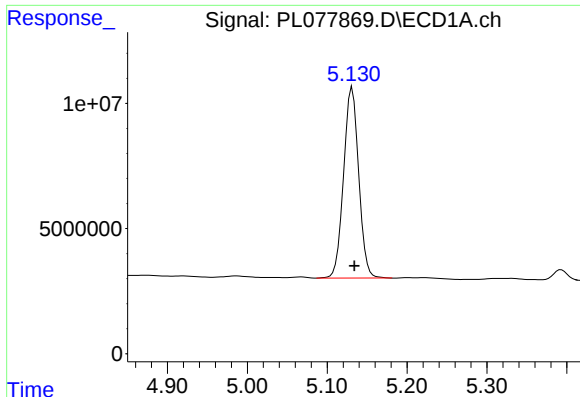
#4 Heptachlor

R.T.: 4.791 min
Delta R.T.: -0.003 min
Response: 104197306
Conc: 47.06 ng/ml



#4 Heptachlor

R.T.: 3.771 min
Delta R.T.: -0.005 min
Response: 203381979
Conc: 51.35 ng/ml



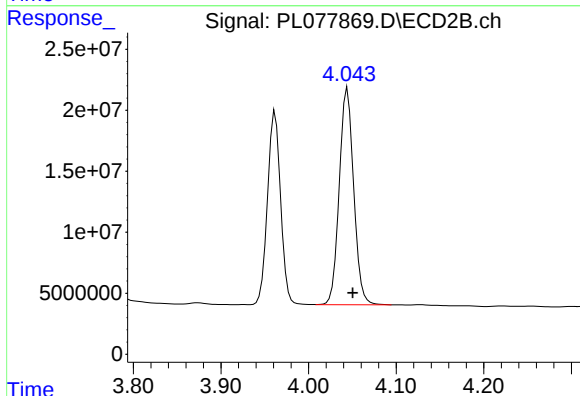
#5 Aldrin

R.T.: 5.131 min
Delta R.T.: -0.003 min
Response: 99975379
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

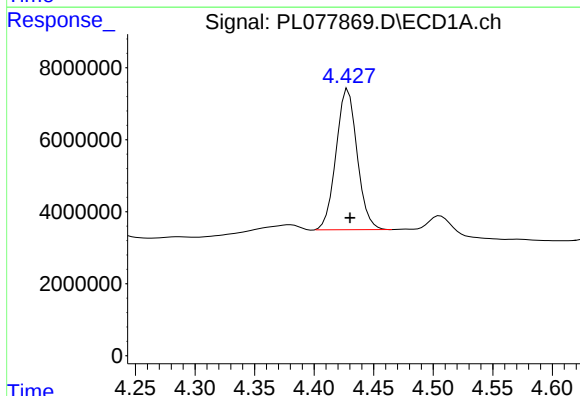
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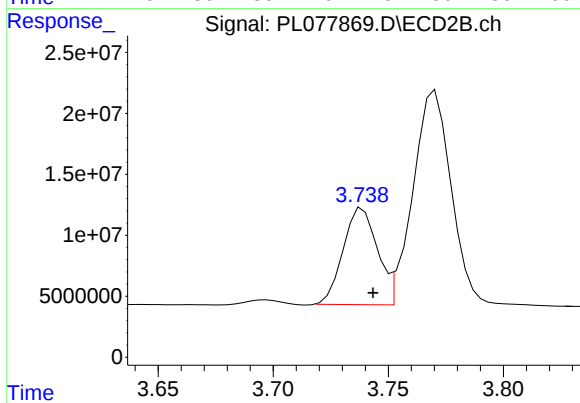
#5 Aldrin

R.T.: 4.044 min
Delta R.T.: -0.006 min
Response: 203556323
Conc: 53.64 ng/ml



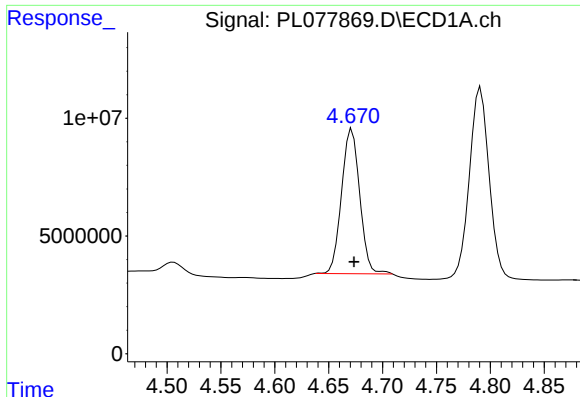
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 48150135
Conc: 49.54 ng/ml



#6 beta-BHC

R.T.: 3.739 min
Delta R.T.: -0.004 min
Response: 82061757
Conc: 49.29 ng/ml



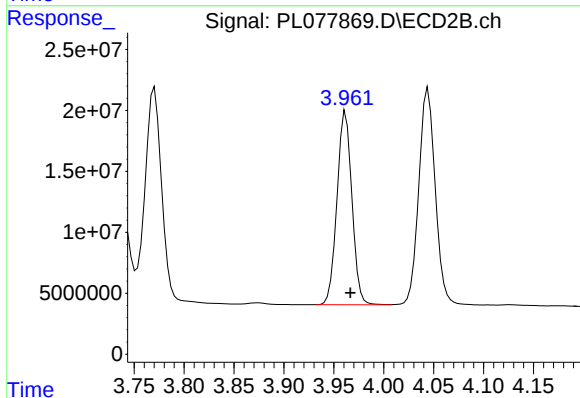
#7 delta-BHC

R.T.: 4.672 min
Delta R.T.: -0.002 min
Response: 72327658
Conc: 35.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

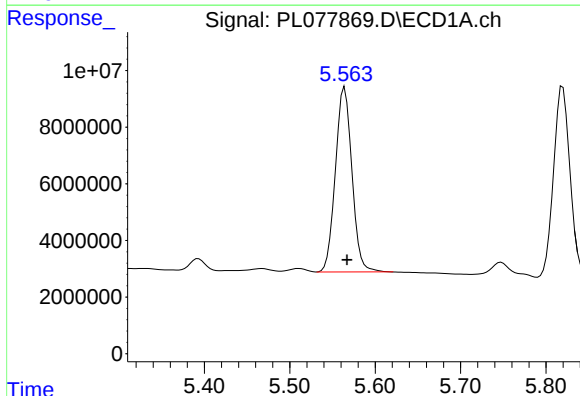
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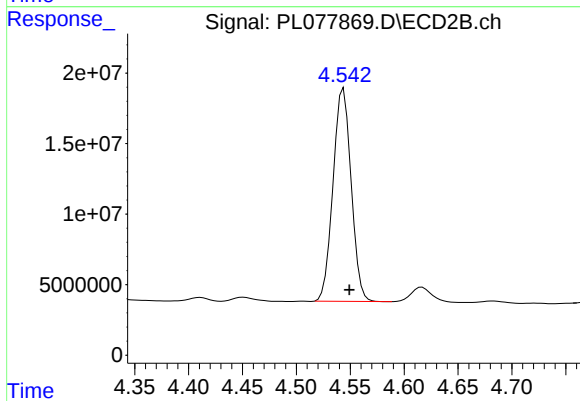
#7 delta-BHC

R.T.: 3.962 min
Delta R.T.: -0.005 min
Response: 165002496
Conc: 40.66 ng/ml



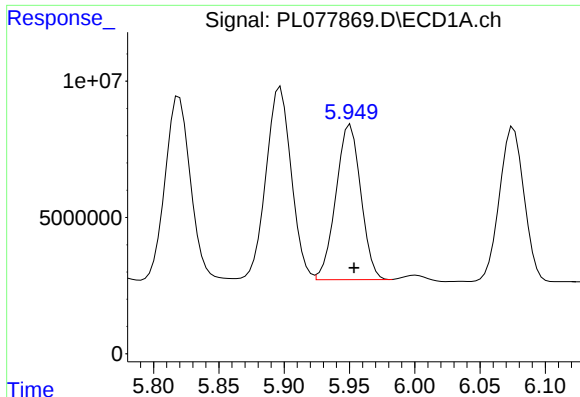
#8 Heptachlor epoxide

R.T.: 5.564 min
Delta R.T.: -0.003 min
Response: 87843023
Conc: 50.39 ng/ml



#8 Heptachlor epoxide

R.T.: 4.544 min
Delta R.T.: -0.006 min
Response: 176308111
Conc: 52.14 ng/ml



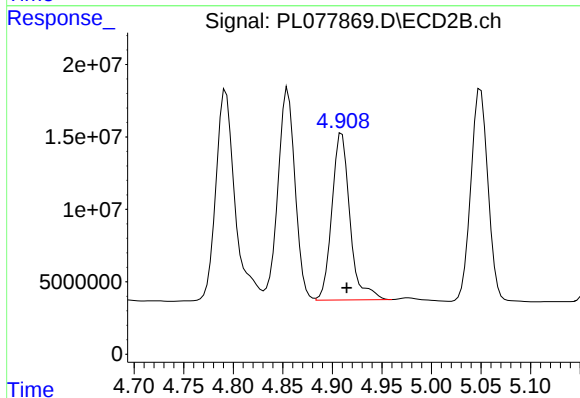
#9 Endosulfan I

R.T.: 5.951 min
Delta R.T.: -0.003 min
Response: 75600800
Conc: 46.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

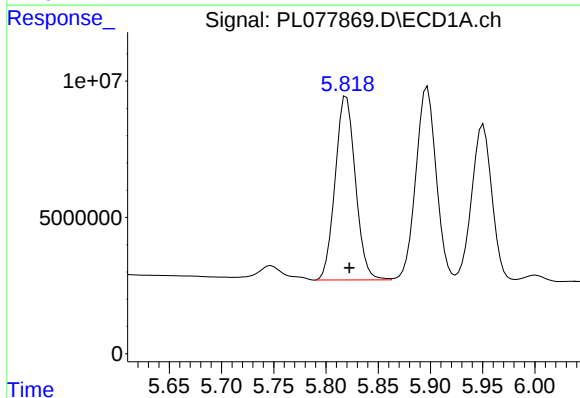
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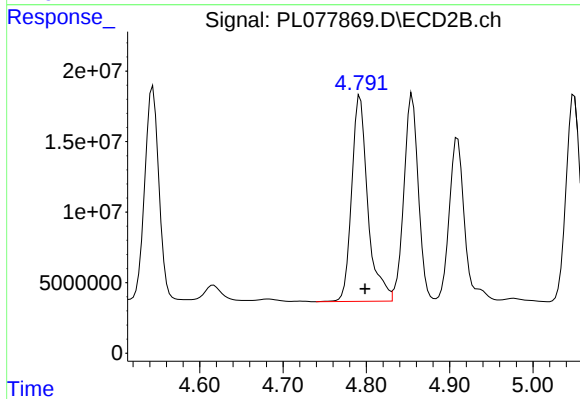
#9 Endosulfan I

R.T.: 4.910 min
Delta R.T.: -0.005 min
Response: 145967097
Conc: 46.26 ng/ml



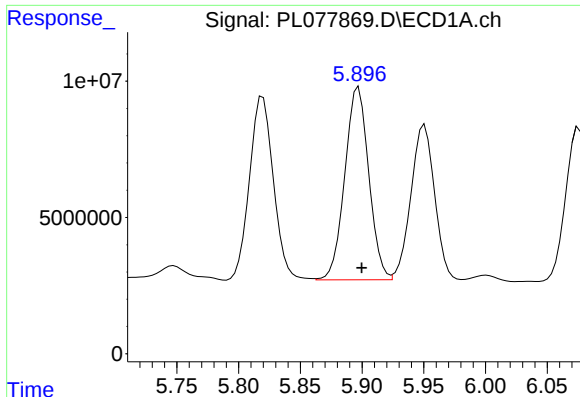
#10 gamma-Chlordane

R.T.: 5.820 min
Delta R.T.: -0.003 min
Response: 91010337
Conc: 51.98 ng/ml



#10 gamma-Chlordane

R.T.: 4.792 min
Delta R.T.: -0.006 min
Response: 196680510
Conc: 57.71 ng/ml



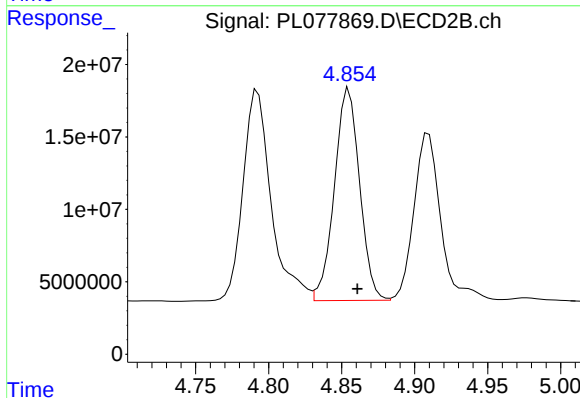
#11 alpha-Chlordane

R.T.: 5.897 min
Delta R.T.: -0.003 min
Response: 95502580
Conc: 55.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

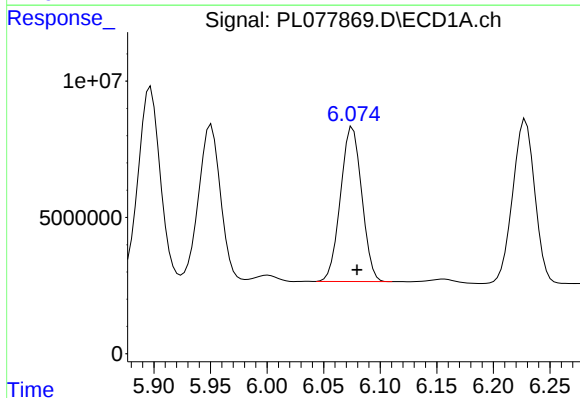
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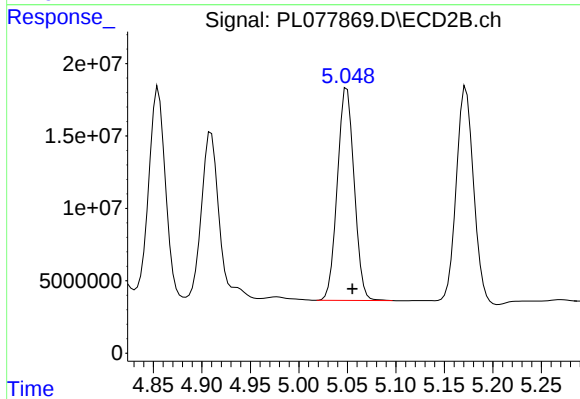
#11 alpha-Chlordane

R.T.: 4.855 min
Delta R.T.: -0.006 min
Response: 175998812
Conc: 53.15 ng/ml



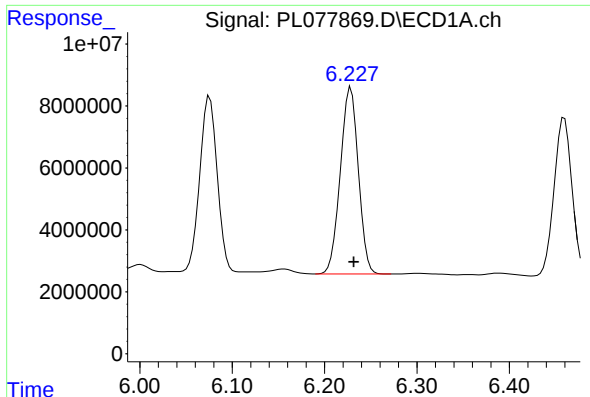
#12 4,4'-DDE

R.T.: 6.076 min
Delta R.T.: -0.004 min
Response: 74224915
Conc: 46.63 ng/ml



#12 4,4'-DDE

R.T.: 5.050 min
Delta R.T.: -0.005 min
Response: 177023199
Conc: 54.40 ng/ml



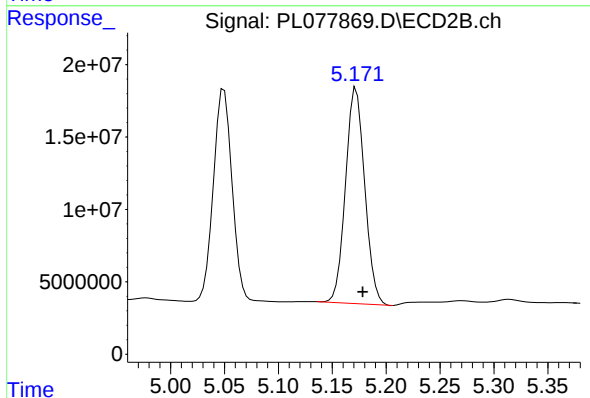
#13 Dieldrin

R.T.: 6.228 min
Delta R.T.: -0.003 min
Response: 81677519
Conc: 50.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

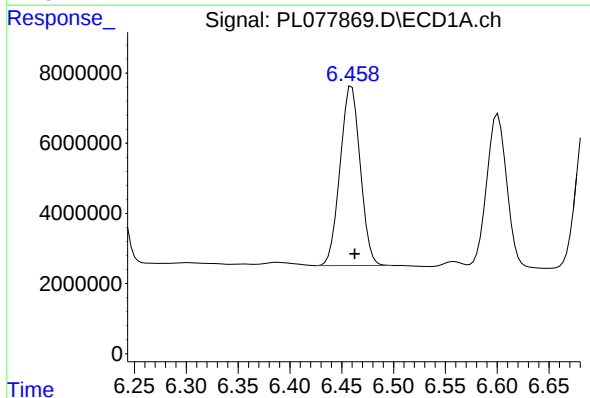
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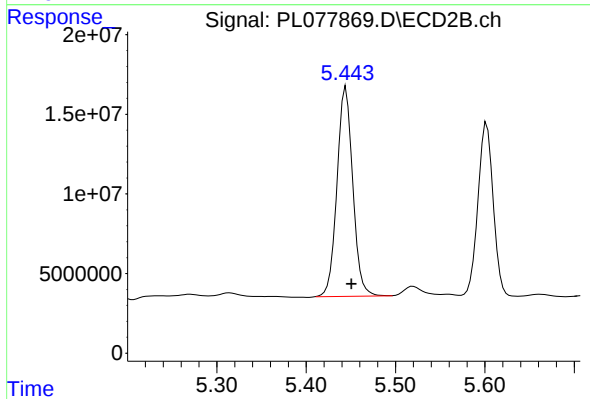
#13 Dieldrin

R.T.: 5.172 min
Delta R.T.: -0.006 min
Response: 184993855
Conc: 55.79 ng/ml



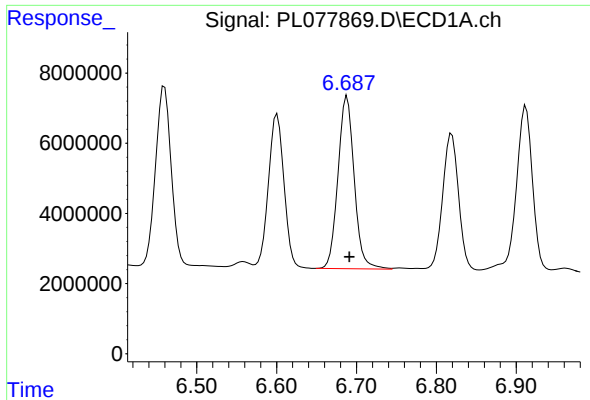
#14 Endrin

R.T.: 6.460 min
Delta R.T.: -0.003 min
Response: 69192671
Conc: 50.03 ng/ml



#14 Endrin

R.T.: 5.444 min
Delta R.T.: -0.006 min
Response: 161114059
Conc: 56.50 ng/ml



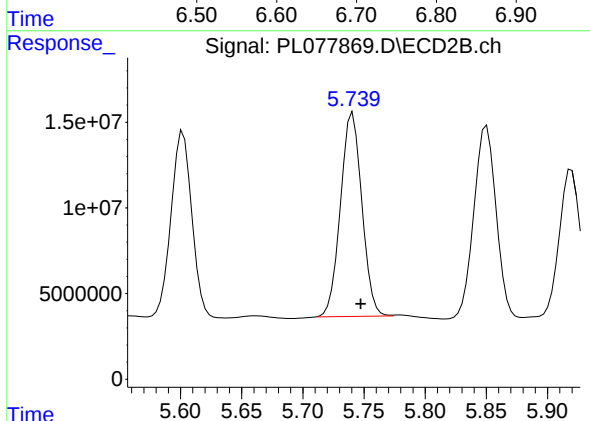
#15 Endosulfan II

R.T.: 6.688 min
Delta R.T.: -0.003 min
Response: 69319364
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

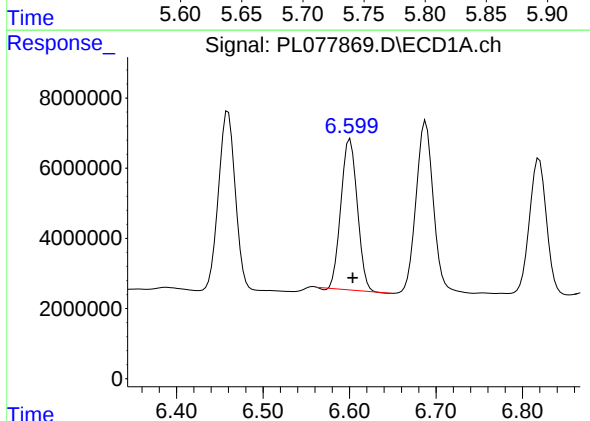
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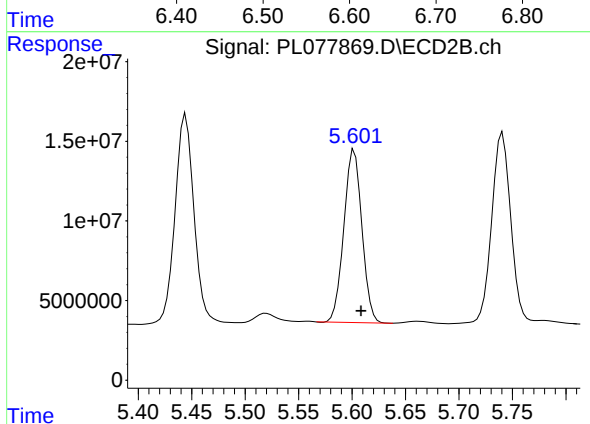
#15 Endosulfan II

R.T.: 5.741 min
Delta R.T.: -0.006 min
Response: 144679799
Conc: 54.90 ng/ml



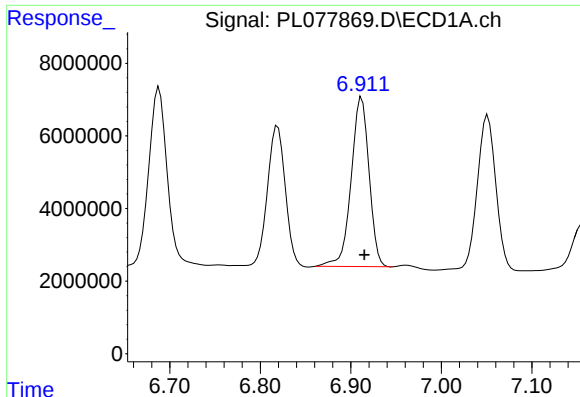
#16 4,4'-DDD

R.T.: 6.601 min
Delta R.T.: -0.003 min
Response: 56262538
Conc: 48.05 ng/ml



#16 4,4'-DDD

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 127516157
Conc: 49.22 ng/ml



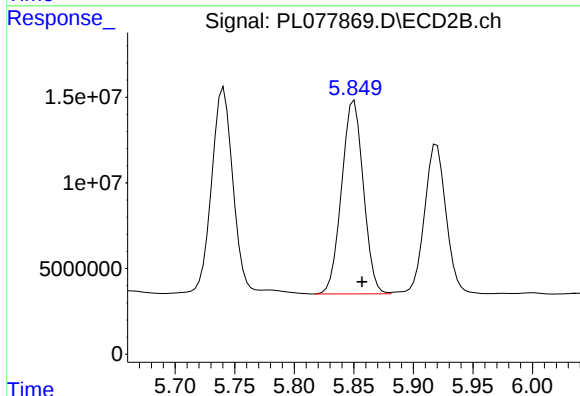
#17 4,4'-DDT

R.T.: 6.912 min
Delta R.T.: -0.003 min
Response: 64216051
Conc: 50.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

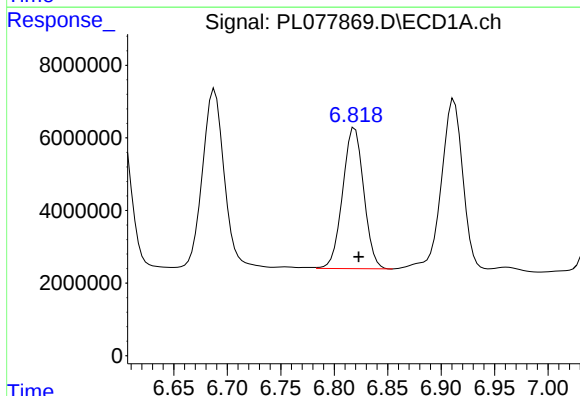
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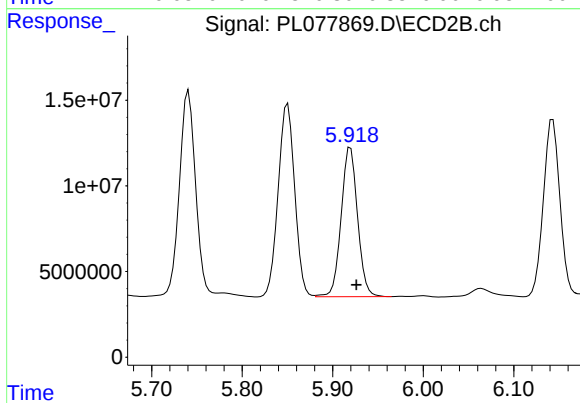
#17 4,4'-DDT

R.T.: 5.850 min
Delta R.T.: -0.007 min
Response: 143390798
Conc: 54.42 ng/ml



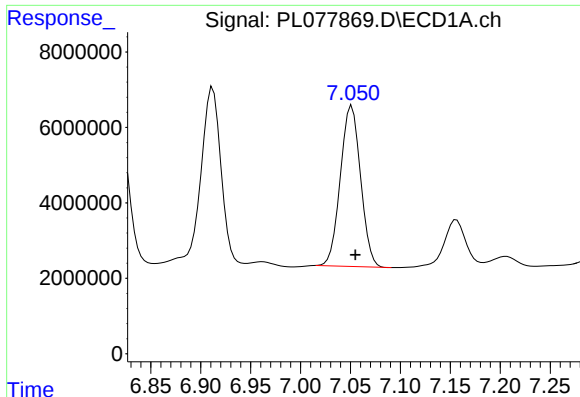
#18 Endrin aldehyde

R.T.: 6.819 min
Delta R.T.: -0.004 min
Response: 53326498
Conc: 50.43 ng/ml



#18 Endrin aldehyde

R.T.: 5.920 min
Delta R.T.: -0.006 min
Response: 109847610
Conc: 53.23 ng/ml



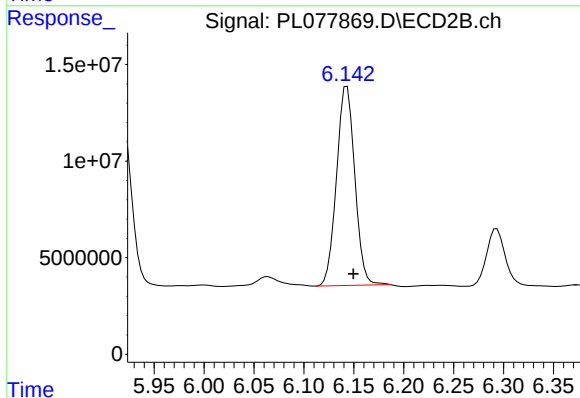
#19 Endosulfan Sulfate

R.T.: 7.051 min
Delta R.T.: -0.003 min
Response: 60042637
Conc: 46.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

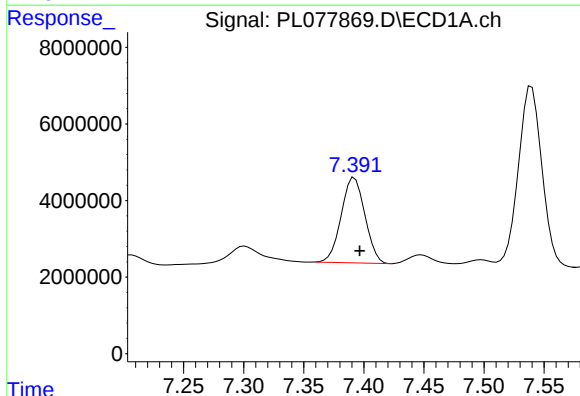
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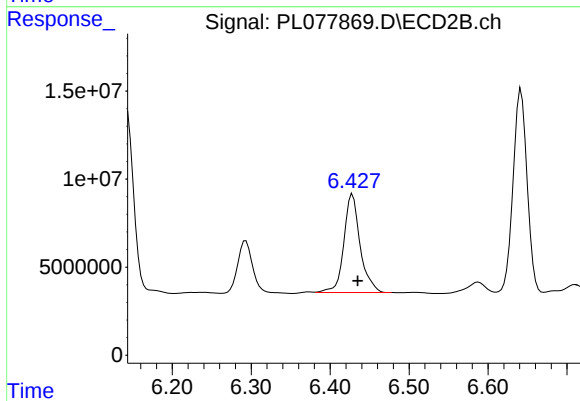
#19 Endosulfan Sulfate

R.T.: 6.143 min
Delta R.T.: -0.006 min
Response: 131392297
Conc: 48.86 ng/ml



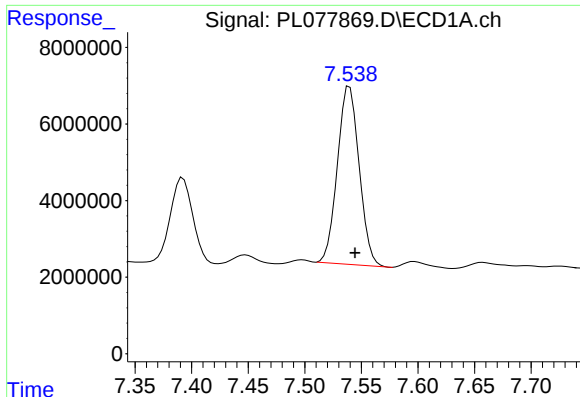
#20 Methoxychlor

R.T.: 7.392 min
Delta R.T.: -0.004 min
Response: 30580255
Conc: 46.30 ng/ml



#20 Methoxychlor

R.T.: 6.427 min
Delta R.T.: -0.008 min
Response: 80352644
Conc: 58.68 ng/ml m



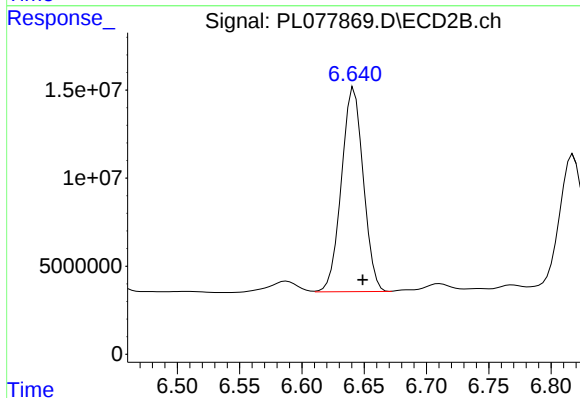
#21 Endrin ketone

R.T.: 7.540 min
Delta R.T.: -0.005 min
Response: 62301068
Conc: 45.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

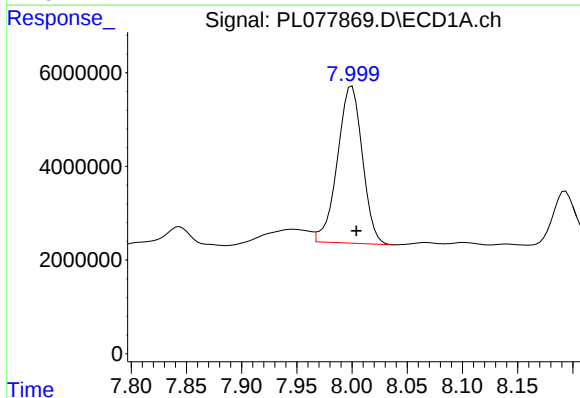
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/21/2022
Supervised By :Ankita Jodhani 09/21/2022



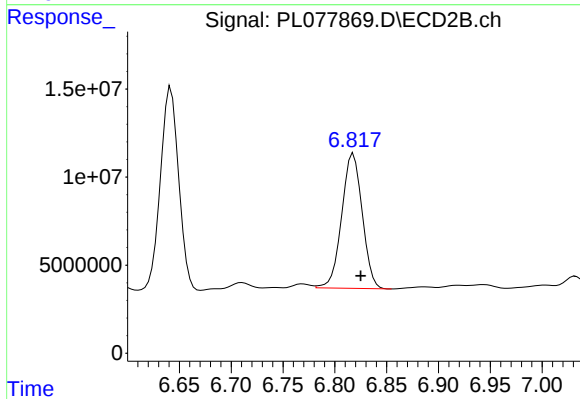
#21 Endrin ketone

R.T.: 6.642 min
Delta R.T.: -0.007 min
Response: 141962805
Conc: 46.88 ng/ml



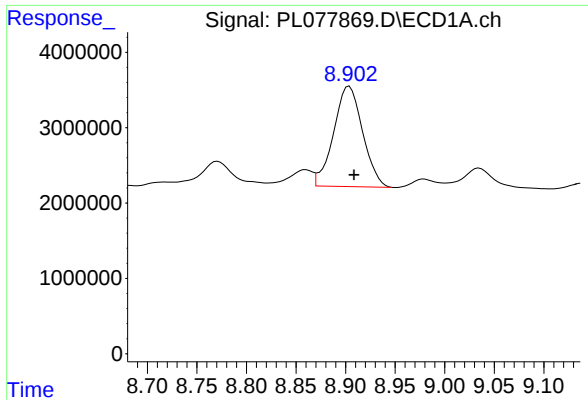
#22 Mirex

R.T.: 7.999 min
Delta R.T.: -0.005 min
Response: 52613446
Conc: 50.11 ng/ml m



#22 Mirex

R.T.: 6.817 min
Delta R.T.: -0.008 min
Response: 105520240
Conc: 49.08 ng/ml m



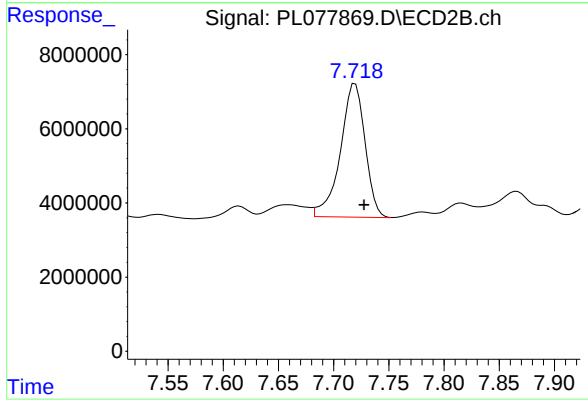
#28 Decachlorobiphenyl

R.T.: 8.902 min
Delta R.T.: -0.006 min
Response: 27013465
Conc: 20.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
ETGI-363MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.718 min
Delta R.T.: -0.009 min
Response: 56002049
Conc: 22.31 ng/ml m