

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082922\
 Data File : PL077350.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Aug 2022 13:42
 Operator : AR\AJ
 Sample : PB147321BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB147321BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 08/30/2022
 Supervised By : Ankita Jodhani 08/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 15:23:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 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...	3.417	2.630	21178104	45140787	15.565	14.688
28)	SA Decachlor...	8.906	7.733	19695743	41894501	16.807	15.014
Target Compounds							
2)	A alpha-BHC	3.881	3.123	92701787	202.9E6	50.041	46.456
3)	MA gamma-BHC...	4.217	3.448	86221316	187.4E6	49.255	47.970
4)	MA Heptachlor	4.793	3.780	84473247	182.5E6	48.816	46.825
5)	MB Aldrin	5.133	4.055	76475642	174.1E6	48.724	47.048
6)	B beta-BHC	4.429	3.746	36384001	78127923	48.961	47.374
7)	B delta-BHC	4.673	3.970	77399262	186.4E6	50.092	46.810
8)	B Heptachlo...	5.566	4.554	71981425	159.0E6	53.483	47.921
9)	A Endosulfan I	5.952	4.919	63926400	146.1E6	48.545	47.344
10)	B gamma-Chl...	5.822	4.803	69214989	158.5E6	49.358	47.393
11)	B alpha-Chl...	5.899	4.866	68258103	155.1E6	48.523	47.384
12)	B 4,4'-DDE	6.078	5.060	63217730	154.4E6	48.699	47.812
13)	MA Dieldrin	6.230	5.183	64889786	151.9E6	48.577	46.245
14)	MA Endrin	6.461	5.455	55344035	130.6E6	46.912	47.771
15)	B Endosulfa...	6.689	5.751	53571700	123.4E6	48.896	45.511
16)	A 4,4'-DDD	6.602	5.612	51229868	127.3E6	50.154	47.606
17)	MA 4,4'-DDT	6.913	5.861	51343924	116.0E6	45.964	44.018
18)	B Endrin al...	6.820	5.930	43978568	96847654	48.177	46.285
19)	B Endosulfa...	7.054	6.153	53605125	122.2E6	48.490	45.555
20)	A Methoxychlor	7.394	6.439	27574310	59261624	45.786	42.007
21)	B Endrin ke...	7.542	6.652	59864463	130.8E6	49.072	45.391m
22)	Mirex	8.002	6.829	44581858	98782021	48.457	46.120

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082922\
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ClientSampleId :

PB147321BS

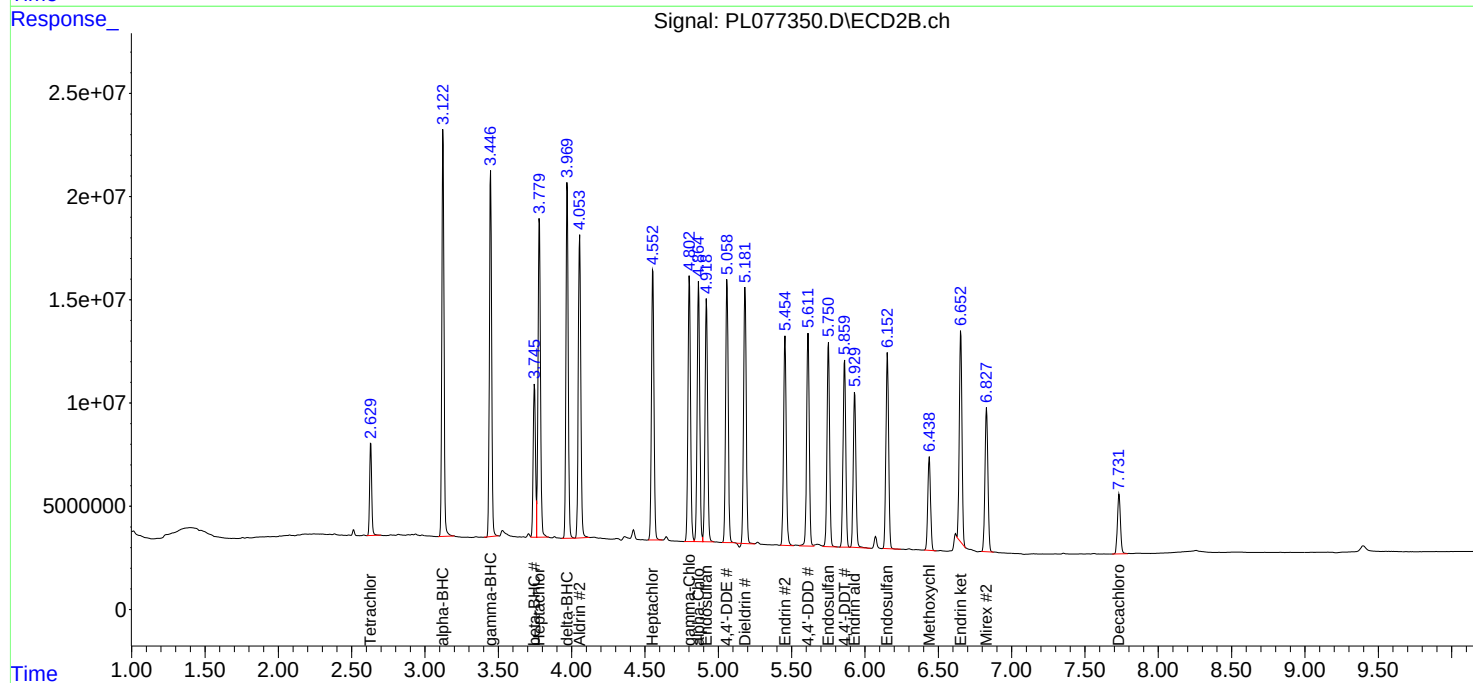
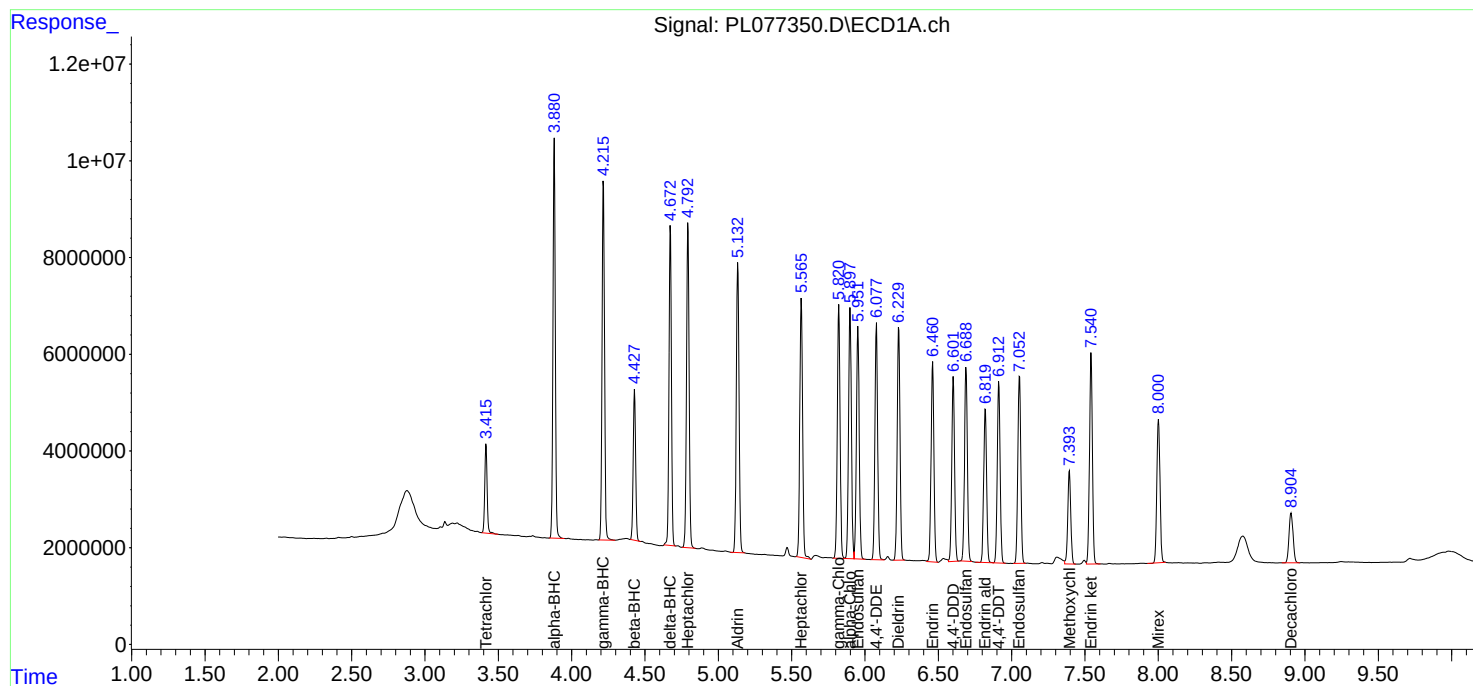
Manual Integrations

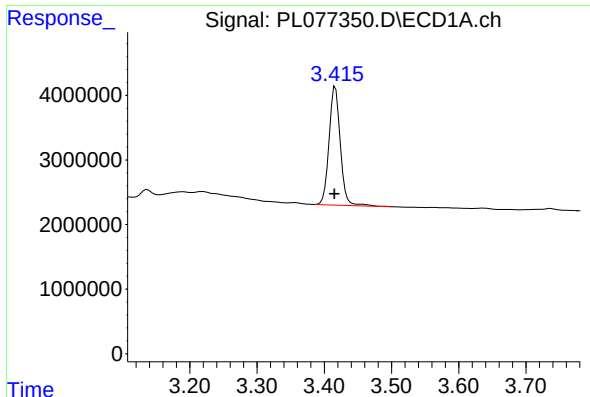
APPROVED

Reviewed By :Abdul Mirza 08/30/2022
 Supervised By :Ankita Jodhani 08/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 15:23:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL082222.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 23 05:36:06 2022
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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





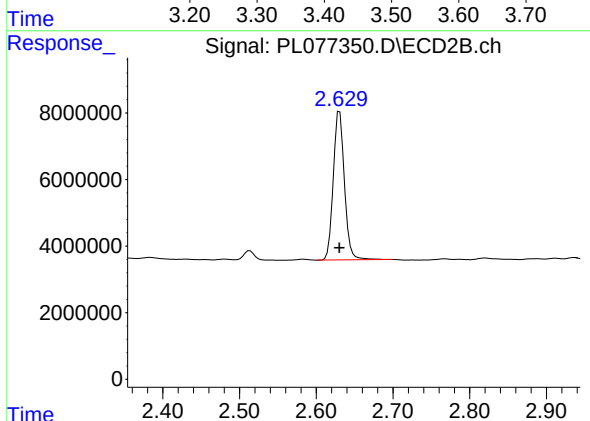
#1 Tetrachloro-m-xylene

R.T.: 3.417 min
Delta R.T.: 0.002 min
Response: 21178104
Conc: 15.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

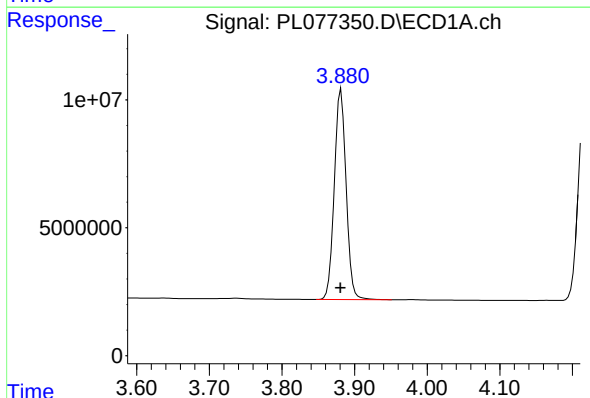
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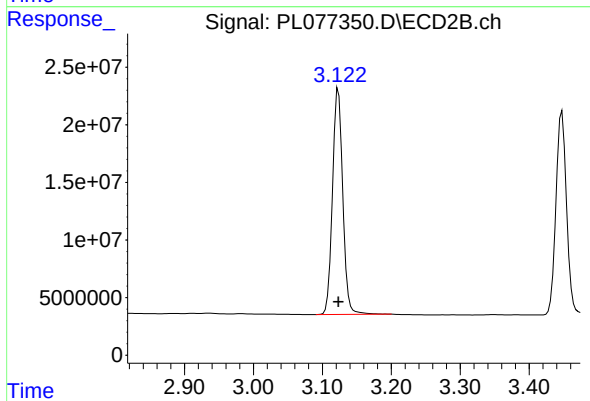
#1 Tetrachloro-m-xylene

R.T.: 2.630 min
Delta R.T.: 0.000 min
Response: 45140787
Conc: 14.69 ng/ml



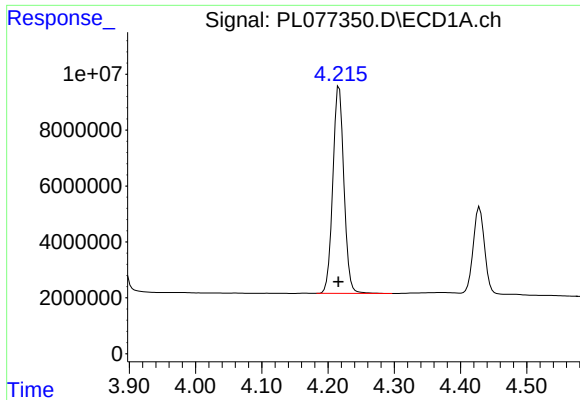
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: 0.001 min
Response: 92701787
Conc: 50.04 ng/ml



#2 alpha-BHC

R.T.: 3.123 min
Delta R.T.: 0.000 min
Response: 202851445
Conc: 46.46 ng/ml



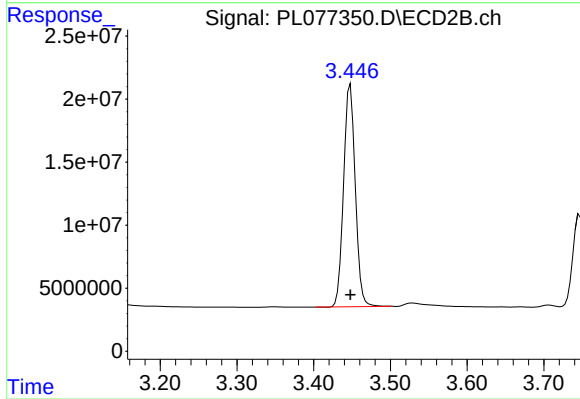
#3 gamma-BHC (Lindane)

R.T.: 4.217 min
Delta R.T.: 0.000 min
Response: 86221316
Conc: 49.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

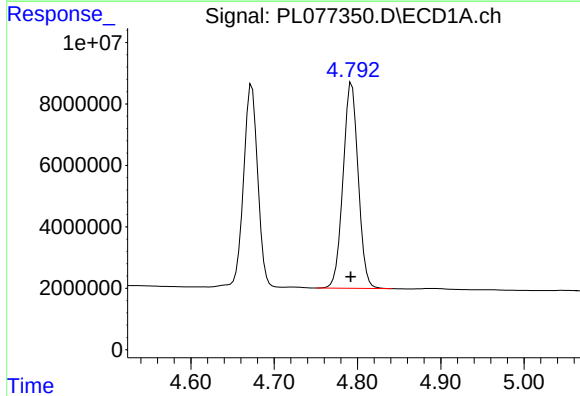
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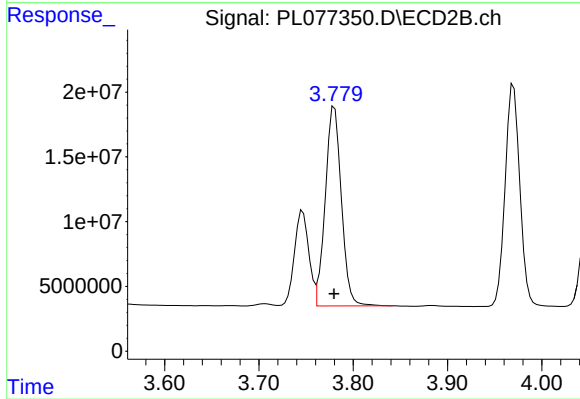
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 187396437
Conc: 47.97 ng/ml



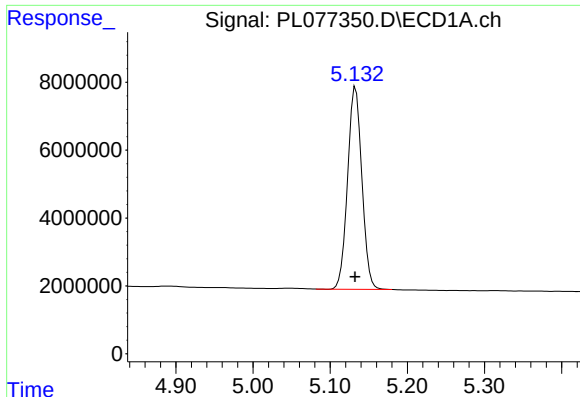
#4 Heptachlor

R.T.: 4.793 min
Delta R.T.: 0.001 min
Response: 84473247
Conc: 48.82 ng/ml



#4 Heptachlor

R.T.: 3.780 min
Delta R.T.: 0.000 min
Response: 182542854
Conc: 46.82 ng/ml



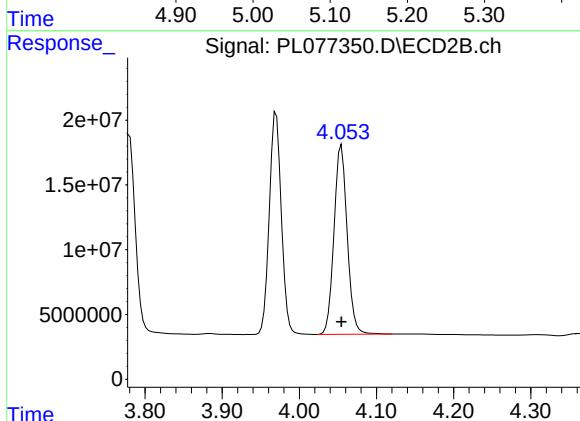
#5 Aldrin

R.T.: 5.133 min
Delta R.T.: 0.000 min
Response: 76475642
Conc: 48.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

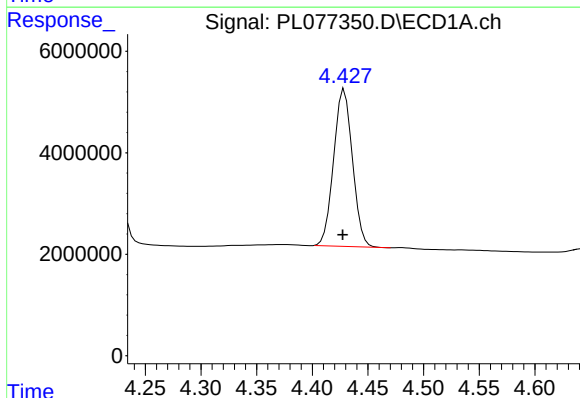
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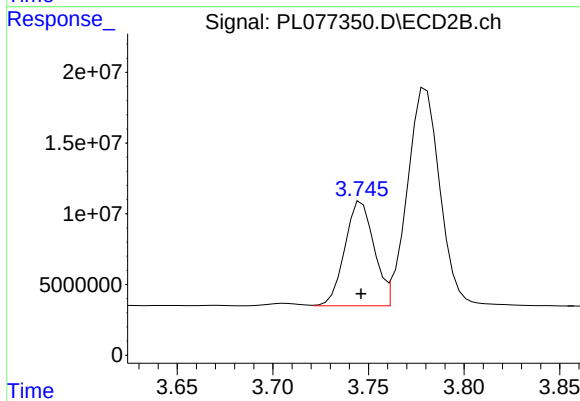
#5 Aldrin

R.T.: 4.055 min
Delta R.T.: 0.000 min
Response: 174128977
Conc: 47.05 ng/ml



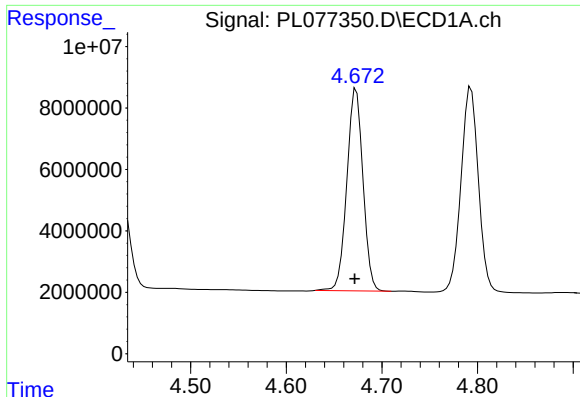
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: 0.001 min
Response: 36384001
Conc: 48.96 ng/ml



#6 beta-BHC

R.T.: 3.746 min
Delta R.T.: 0.000 min
Response: 78127923
Conc: 47.37 ng/ml



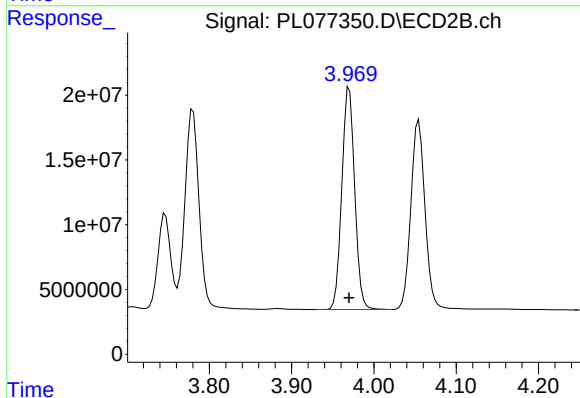
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.002 min
Response: 77399262
Conc: 50.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

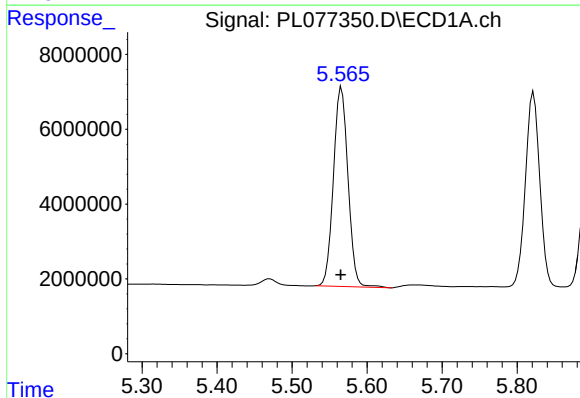
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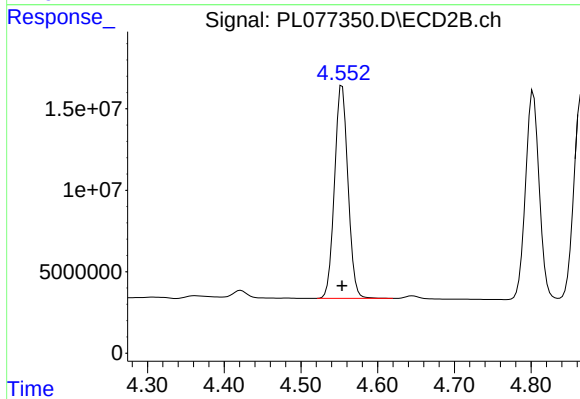
#7 delta-BHC

R.T.: 3.970 min
Delta R.T.: 0.000 min
Response: 186385397
Conc: 46.81 ng/ml



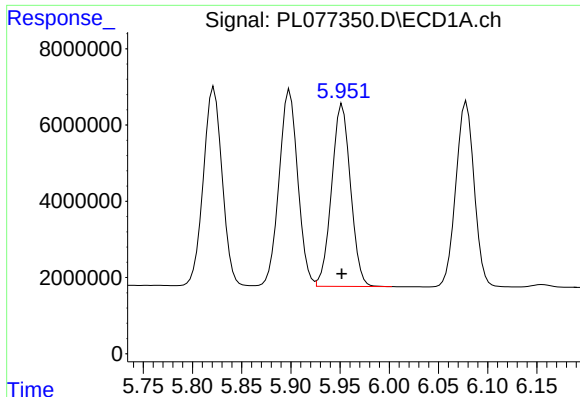
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: 0.000 min
Response: 71981425
Conc: 53.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.554 min
Delta R.T.: 0.000 min
Response: 159041284
Conc: 47.92 ng/ml



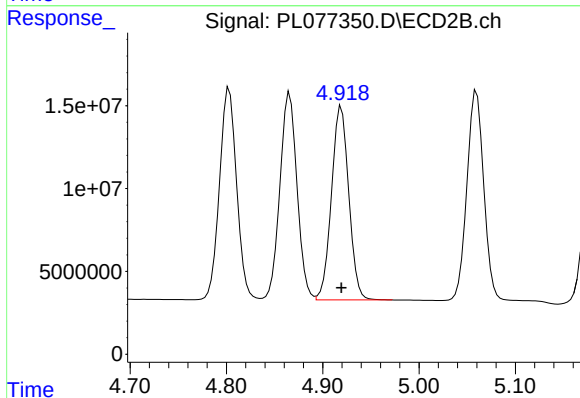
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 63926400
Conc: 48.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

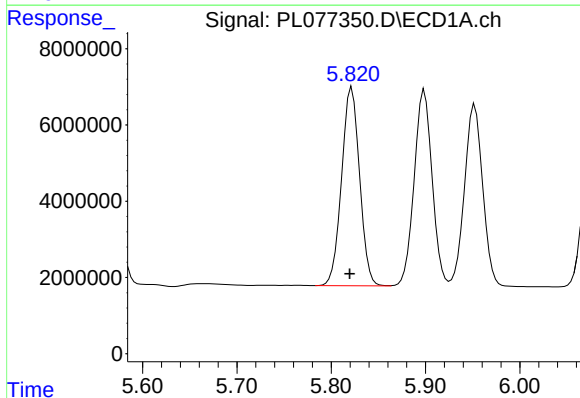
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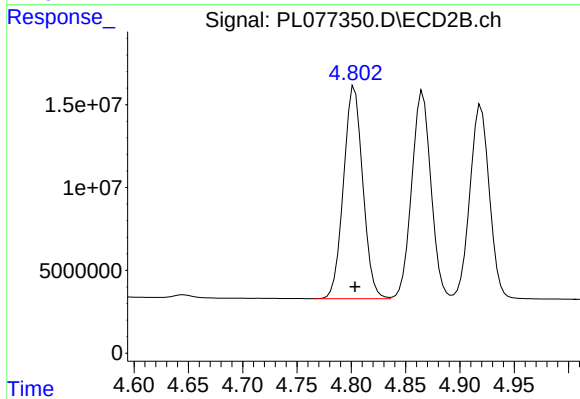
#9 Endosulfan I

R.T.: 4.919 min
Delta R.T.: 0.000 min
Response: 146137633
Conc: 47.34 ng/ml



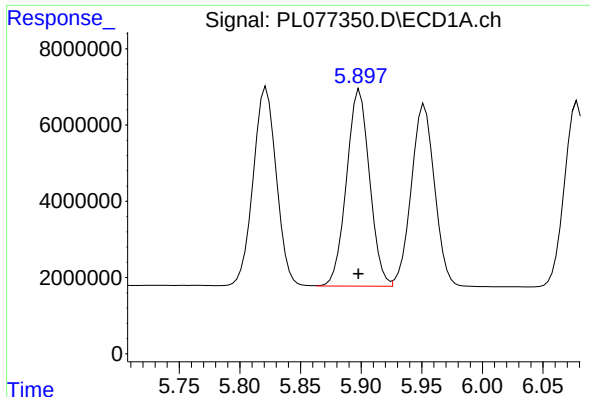
#10 gamma-Chlordane

R.T.: 5.822 min
Delta R.T.: 0.002 min
Response: 69214989
Conc: 49.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.803 min
Delta R.T.: 0.000 min
Response: 158450849
Conc: 47.39 ng/ml



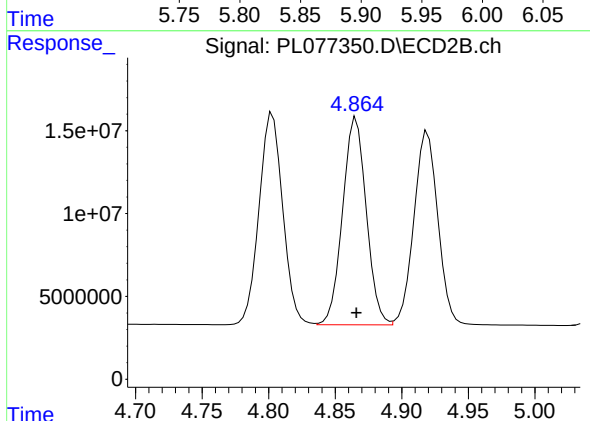
#11 alpha-Chlordane

R.T.: 5.899 min
Delta R.T.: 0.001 min
Response: 68258103
Conc: 48.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

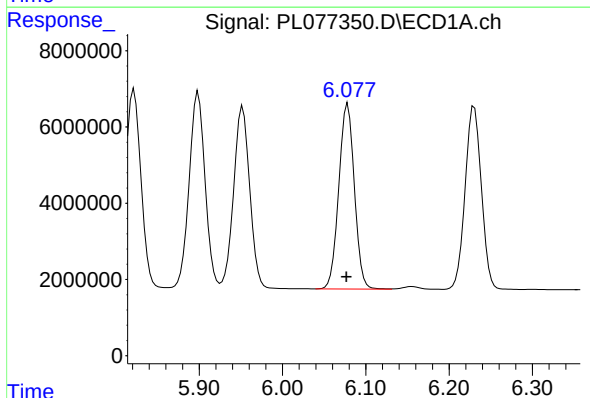
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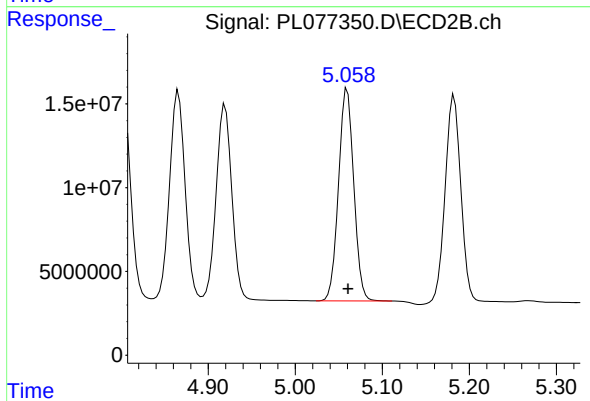
#11 alpha-Chlordane

R.T.: 4.866 min
Delta R.T.: 0.000 min
Response: 155116045
Conc: 47.38 ng/ml



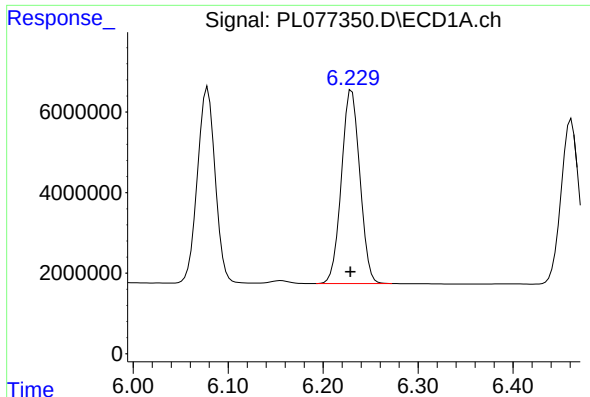
#12 4,4'-DDE

R.T.: 6.078 min
Delta R.T.: 0.001 min
Response: 63217730
Conc: 48.70 ng/ml



#12 4,4'-DDE

R.T.: 5.060 min
Delta R.T.: 0.000 min
Response: 154430780
Conc: 47.81 ng/ml



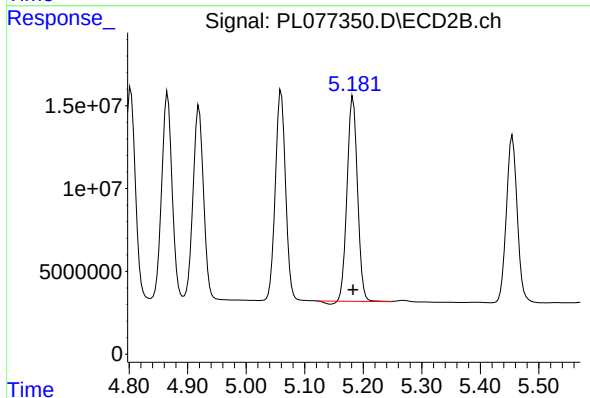
#13 Dieldrin

R.T.: 6.230 min
Delta R.T.: 0.001 min
Response: 64889786
Conc: 48.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

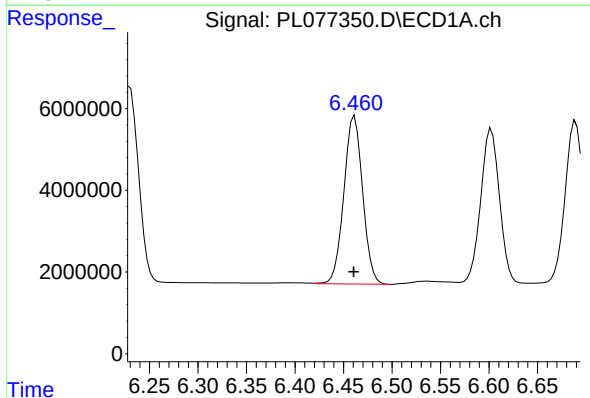
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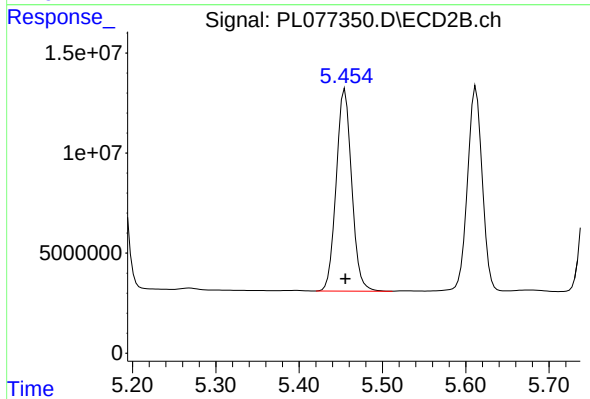
#13 Dieldrin

R.T.: 5.183 min
Delta R.T.: 0.000 min
Response: 151859760
Conc: 46.24 ng/ml



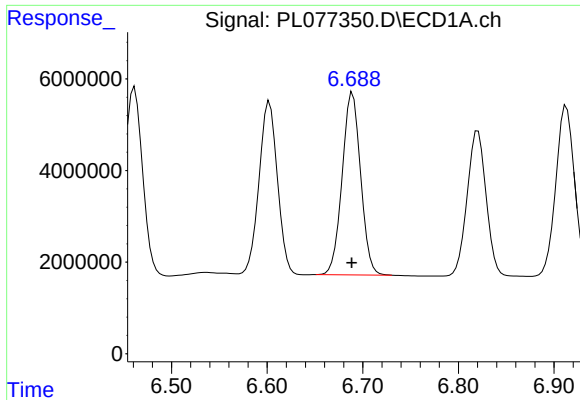
#14 Endrin

R.T.: 6.461 min
Delta R.T.: 0.000 min
Response: 55344035
Conc: 46.91 ng/ml



#14 Endrin

R.T.: 5.455 min
Delta R.T.: 0.000 min
Response: 130599523
Conc: 47.77 ng/ml



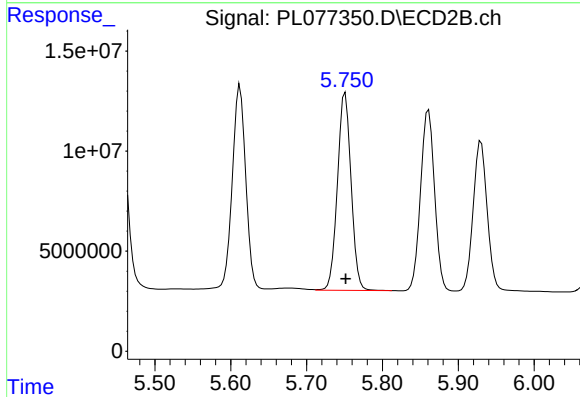
#15 Endosulfan II

R.T.: 6.689 min
Delta R.T.: 0.001 min
Response: 53571700
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

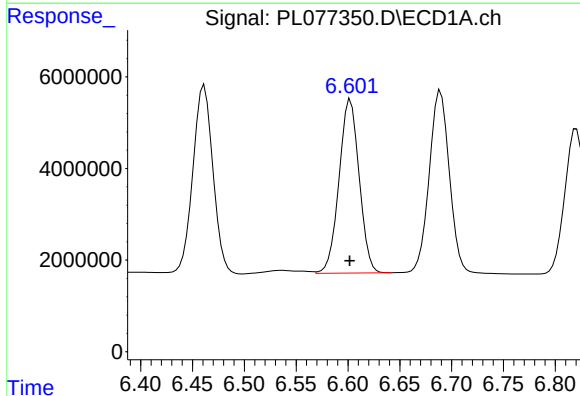
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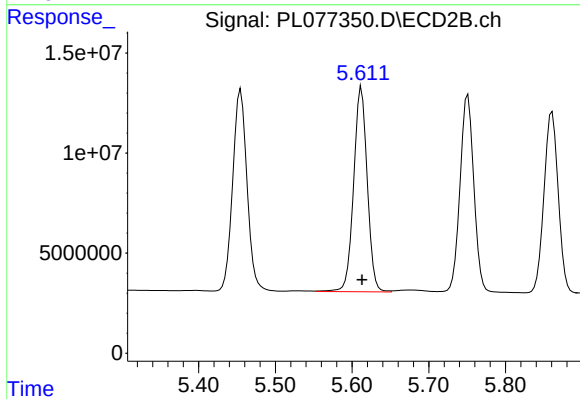
#15 Endosulfan II

R.T.: 5.751 min
Delta R.T.: 0.000 min
Response: 123427528
Conc: 45.51 ng/ml



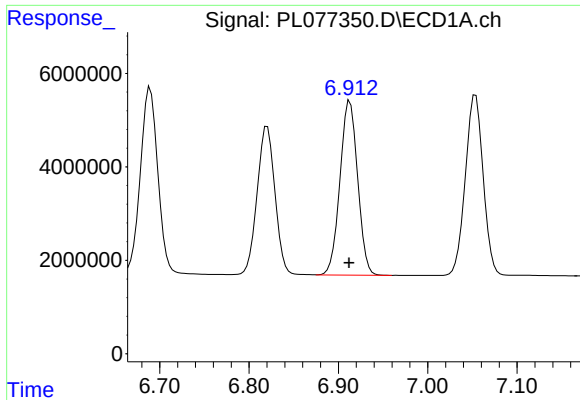
#16 4,4'-DDD

R.T.: 6.602 min
Delta R.T.: 0.000 min
Response: 51229868
Conc: 50.15 ng/ml



#16 4,4'-DDD

R.T.: 5.612 min
Delta R.T.: 0.000 min
Response: 127289044
Conc: 47.61 ng/ml



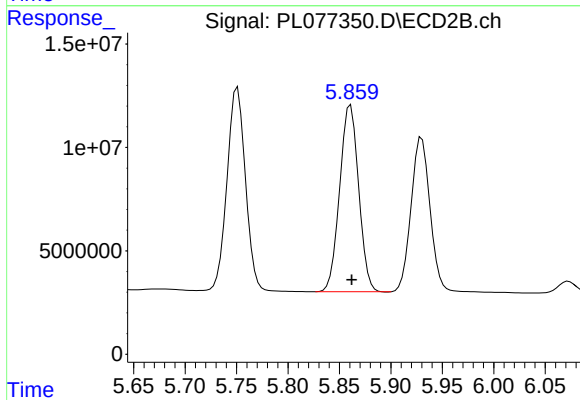
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: 0.001 min
Response: 51343924
Conc: 45.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

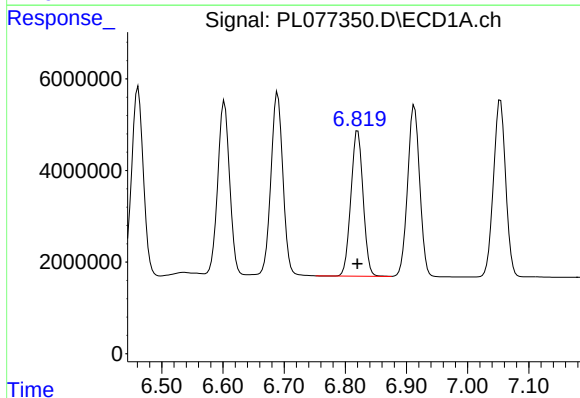
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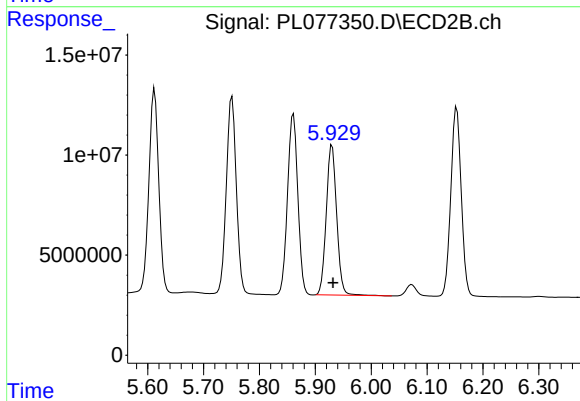
#17 4,4'-DDT

R.T.: 5.861 min
Delta R.T.: -0.001 min
Response: 115952218
Conc: 44.02 ng/ml



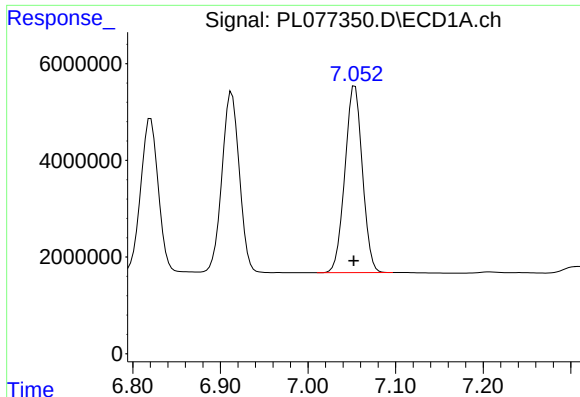
#18 Endrin aldehyde

R.T.: 6.820 min
Delta R.T.: 0.000 min
Response: 43978568
Conc: 48.18 ng/ml



#18 Endrin aldehyde

R.T.: 5.930 min
Delta R.T.: -0.001 min
Response: 96847654
Conc: 46.28 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.054 min
Delta R.T.: 0.001 min
Response: 53605125
Conc: 48.49 ng/ml

Instrument :

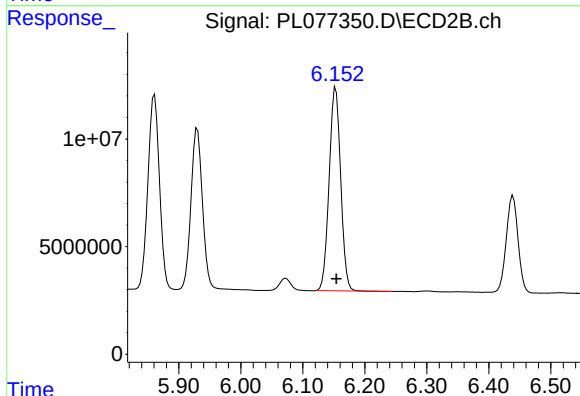
ECD_L

ClientSampleId :

PB147321BS

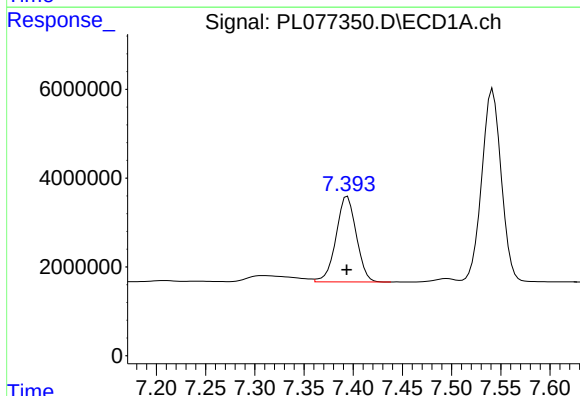
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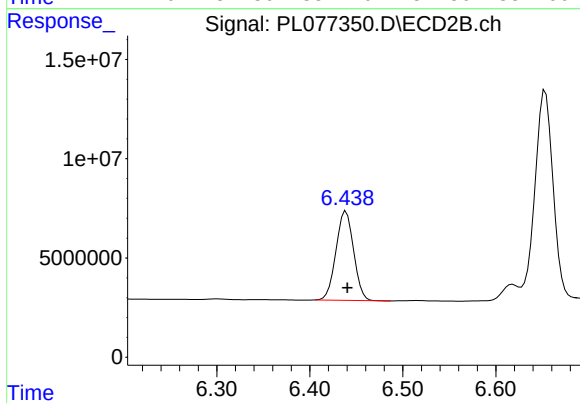
#19 Endosulfan Sulfate

R.T.: 6.153 min
Delta R.T.: -0.001 min
Response: 122201552
Conc: 45.56 ng/ml



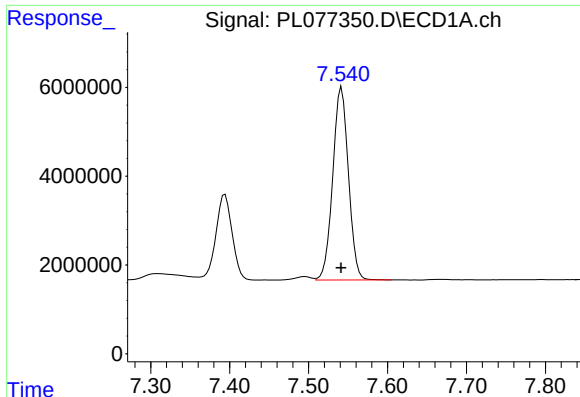
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: 0.000 min
Response: 27574310
Conc: 45.79 ng/ml



#20 Methoxychlor

R.T.: 6.439 min
Delta R.T.: -0.001 min
Response: 59261624
Conc: 42.01 ng/ml



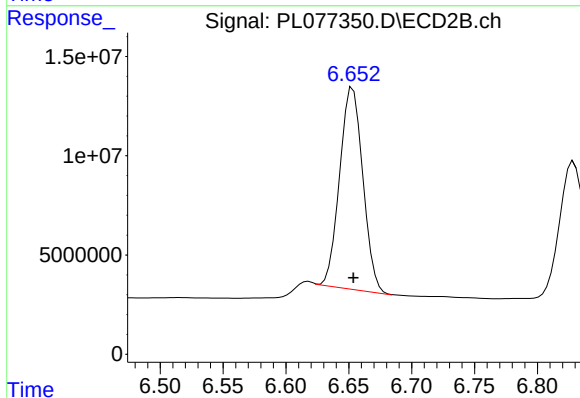
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: 0.000 min
Response: 59864463
Conc: 49.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

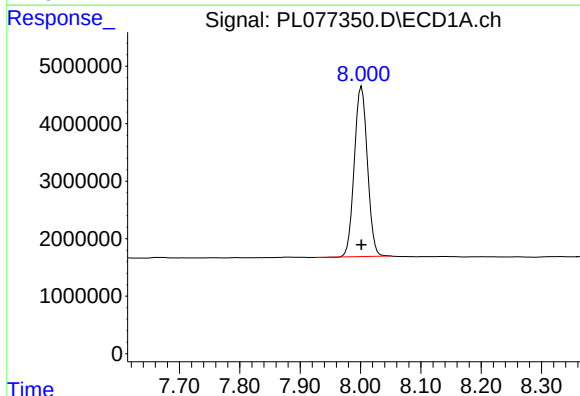
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Supervised By :Ankita Jodhani 08/30/2022



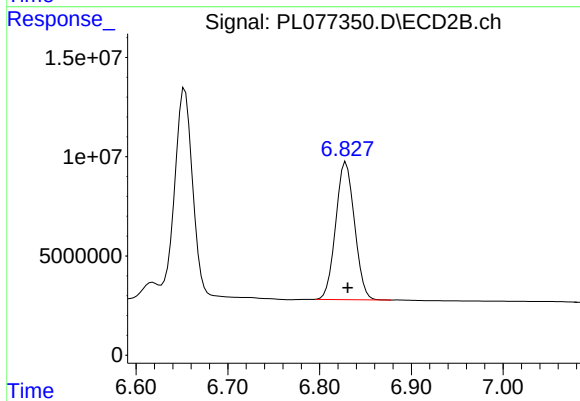
#21 Endrin ketone

R.T.: 6.652 min
Delta R.T.: -0.002 min
Response: 130763529
Conc: 45.39 ng/ml m



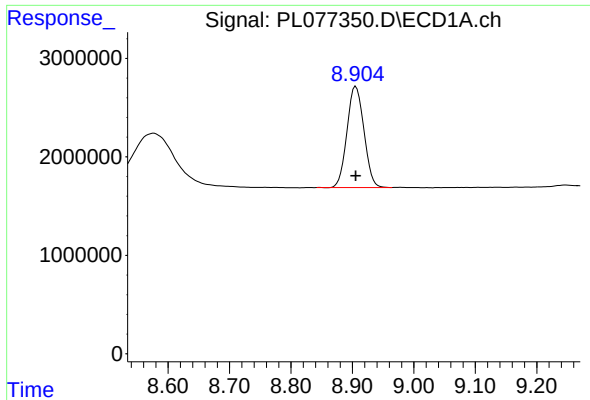
#22 Mirex

R.T.: 8.002 min
Delta R.T.: 0.000 min
Response: 44581858
Conc: 48.46 ng/ml



#22 Mirex

R.T.: 6.829 min
Delta R.T.: -0.002 min
Response: 98782021
Conc: 46.12 ng/ml



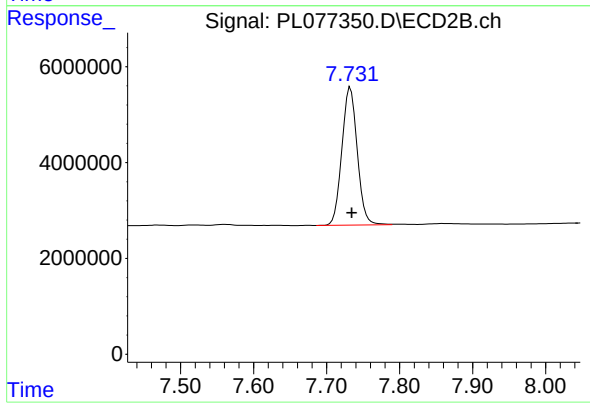
#28 Decachlorobiphenyl

R.T.: 8.906 min
Delta R.T.: 0.000 min
Response: 19695743
Conc: 16.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB147321BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 08/30/2022
Supervised By :Ankita Jodhani 08/30/2022



#28 Decachlorobiphenyl

R.T.: 7.733 min
Delta R.T.: -0.002 min
Response: 41894501
Conc: 15.01 ng/ml