

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102222\
 Data File : PL078462.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2022 12:47
 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 01:52:49 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...	3.323	2.573	90307771	119.0E6	47.356	46.614
28)	SA Decachlor...	8.775	7.644	73216649	88345875	48.670	46.643
Target Compounds							
2)	A alpha-BHC	3.783	3.060	138.8E6	186.0E6	48.324	47.091
3)	MA gamma-BHC...	4.116	3.381	129.8E6	170.1E6	48.585	47.333
4)	MA Heptachlor	4.688	3.708	126.8E6	159.7E6	48.834	46.066
5)	MB Aldrin	5.026	3.979	121.1E6	158.3E6	48.884	45.210m
6)	B beta-BHC	4.331	3.681	55373974	66332770	48.069	46.230
7)	B delta-BHC	4.572	3.901	118.3E6	173.1E6	51.973	47.549
8)	B Heptachlo...	5.460	4.477	117.0E6	142.4E6	55.129	47.252
9)	A Endosulfan I	5.843	4.840	103.1E6	131.5E6	48.330	45.931
10)	B gamma-Chl...	5.715	4.725	110.8E6	140.9E6	49.098	45.993
11)	B alpha-Chl...	5.792	4.787	110.0E6	138.0E6	47.552	46.318
12)	B 4,4'-DDE	5.974	4.982	96684226	127.4E6	48.309	46.793
13)	MA Dieldrin	6.121	5.101	104.8E6	140.8E6	48.615	47.513
14)	MA Endrin	6.351	5.372	94129692	119.6E6	49.599	45.926
15)	B Endosulfa...	6.581	5.669	84754816	110.2E6	45.175	48.426
16)	A 4,4'-DDD	6.499	5.533	80490944	106.0E6	48.284	48.253
17)	MA 4,4'-DDT	6.809	5.779	83610928	102.6E6	46.649	47.285
18)	B Endrin al...	6.713	5.847	69973721	86578701	48.090	46.132
19)	B Endosulfa...	6.946	6.070	87944241	110.9E6	47.798	46.591
20)	A Methoxychlor	7.293	6.357	43301166	52638940	47.021	46.386
21)	B Endrin ke...	7.432	6.566	94165029	127.5E6	50.051	49.327
22)	Mirex	7.890	6.739	71085705	92281079	48.695	46.892

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

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ECD_L

ClientSampleId :

PSTDCCC050

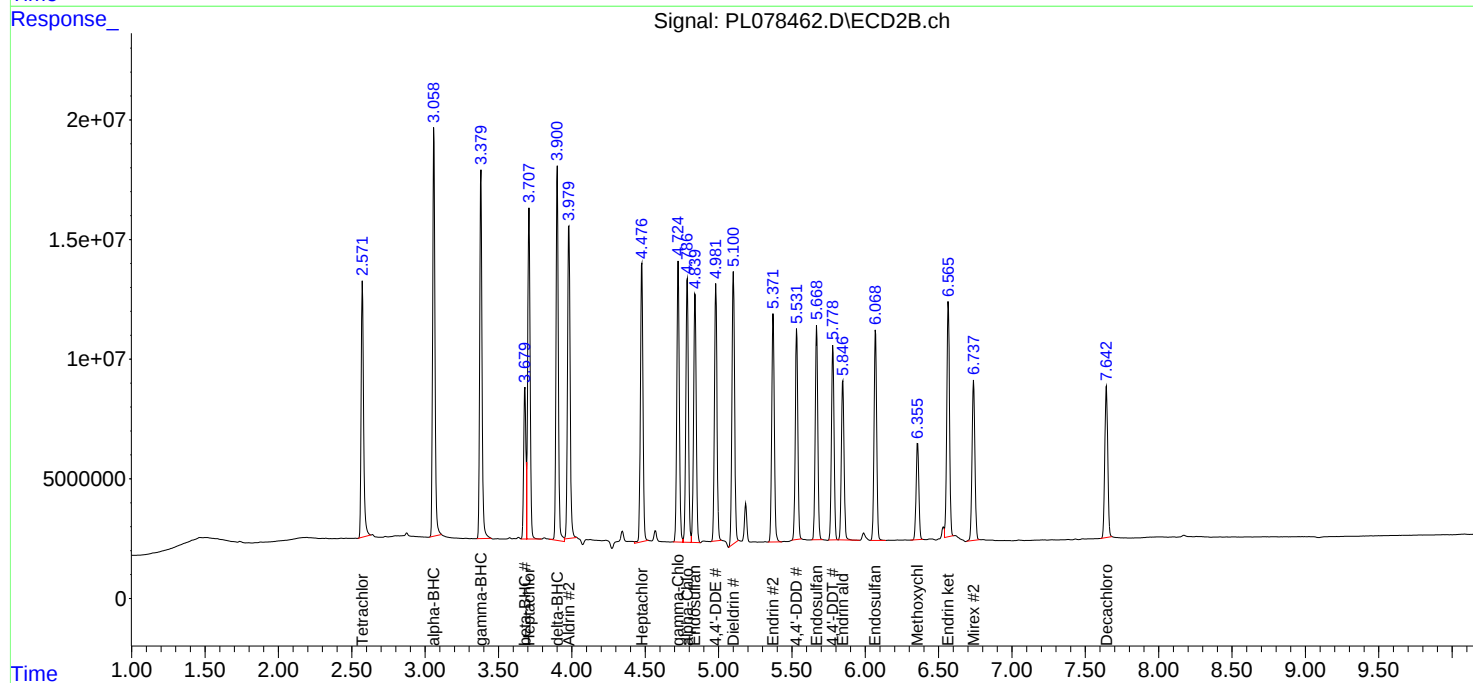
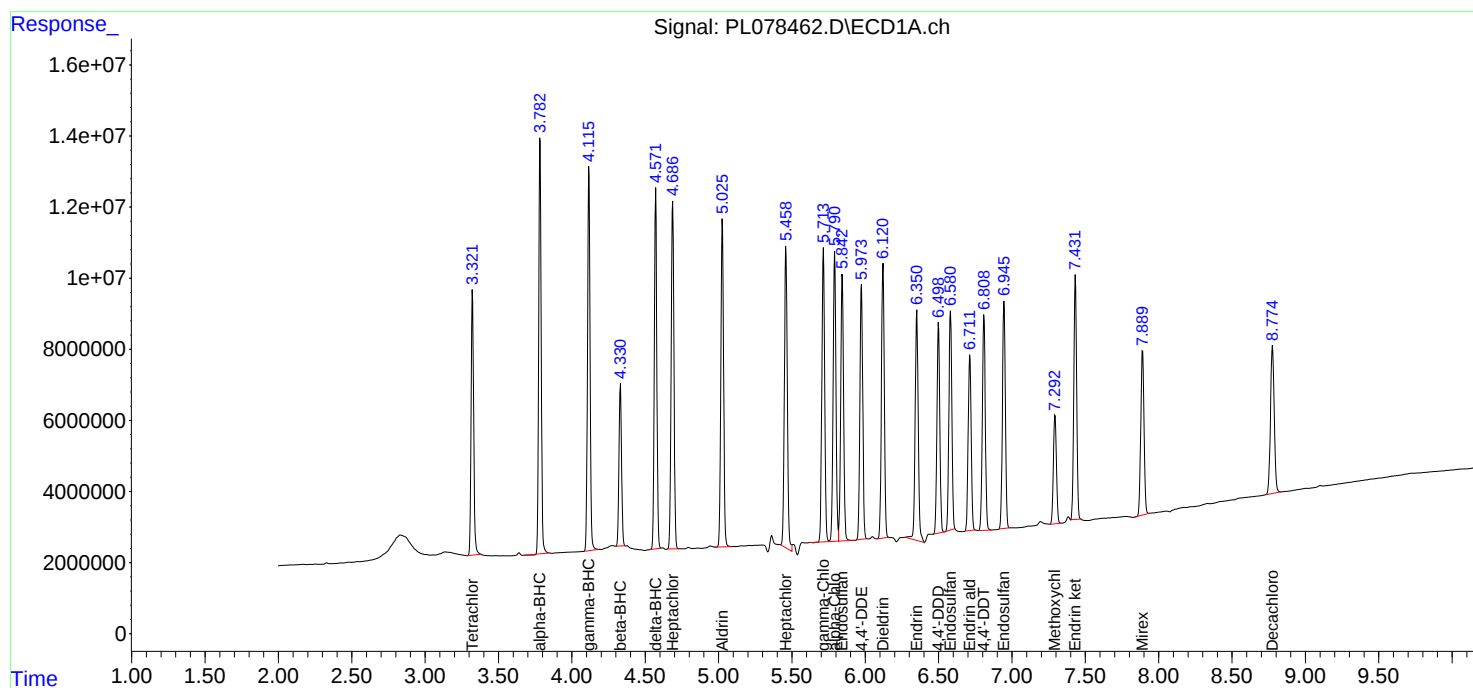
Manual Integrations

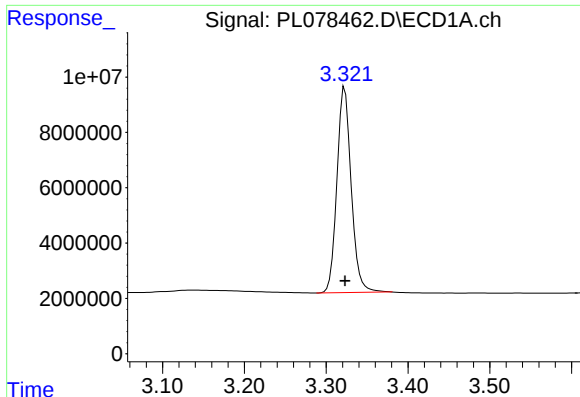
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 Supervised By : Ankita Jodhani 10/24/2022

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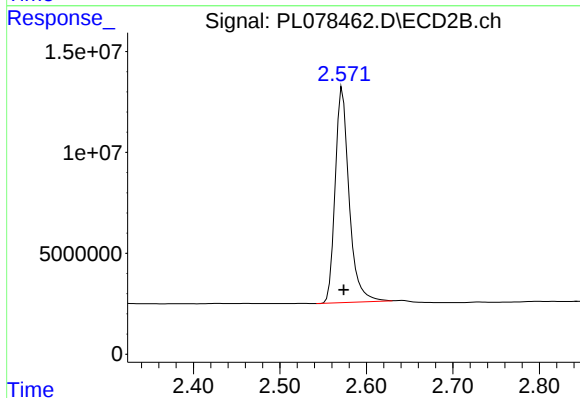
#1 Tetrachloro-m-xylene

R.T.: 3.323 min
Delta R.T.: 0.000 min
Response: 90307771
Conc: 47.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

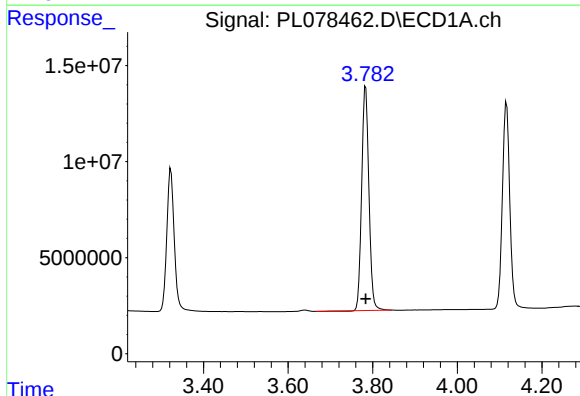
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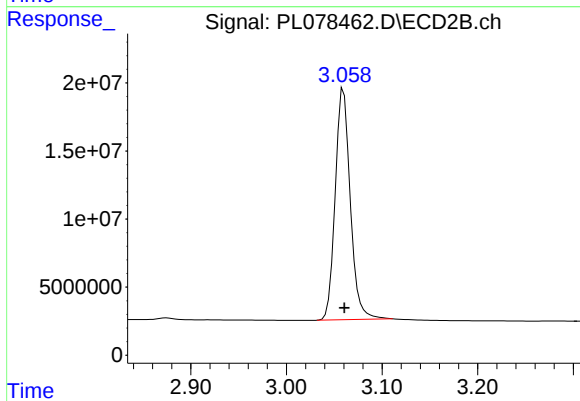
#1 Tetrachloro-m-xylene

R.T.: 2.573 min
Delta R.T.: -0.001 min
Response: 119014523
Conc: 46.61 ng/ml



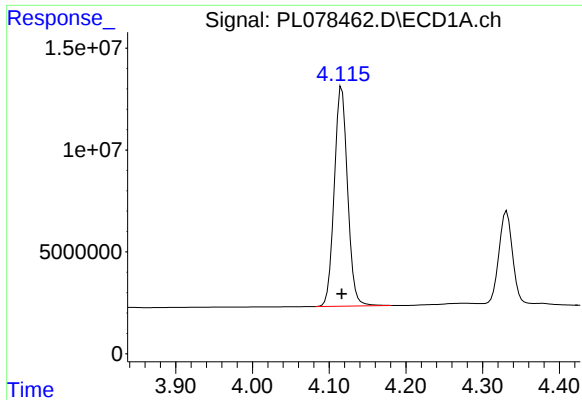
#2 alpha-BHC

R.T.: 3.783 min
Delta R.T.: 0.000 min
Response: 138756856
Conc: 48.32 ng/ml



#2 alpha-BHC

R.T.: 3.060 min
Delta R.T.: 0.000 min
Response: 185965031
Conc: 47.09 ng/ml



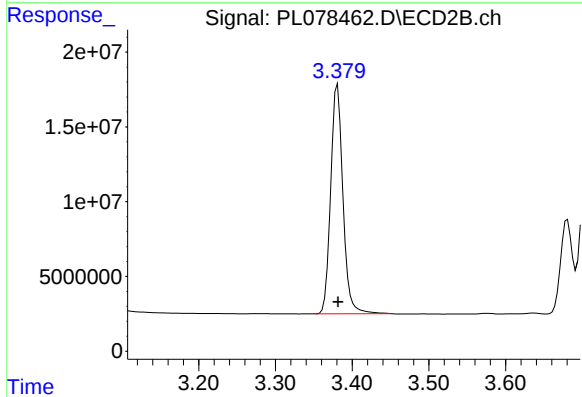
#3 gamma-BHC (Lindane)

R.T.: 4.116 min
Delta R.T.: 0.000 min
Response: 129806319
Conc: 48.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

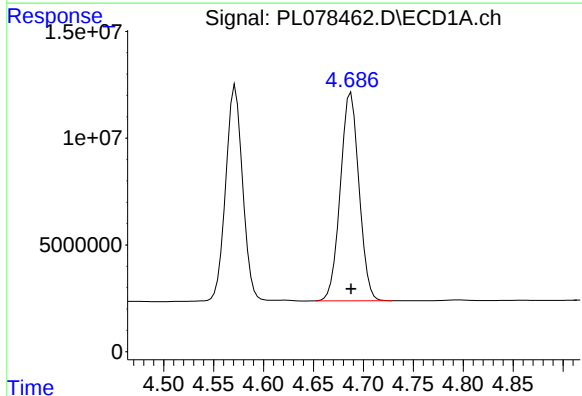
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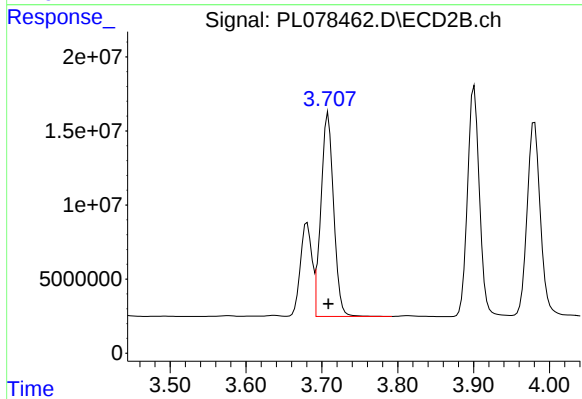
#3 gamma-BHC (Lindane)

R.T.: 3.381 min
Delta R.T.: 0.000 min
Response: 170122471
Conc: 47.33 ng/ml



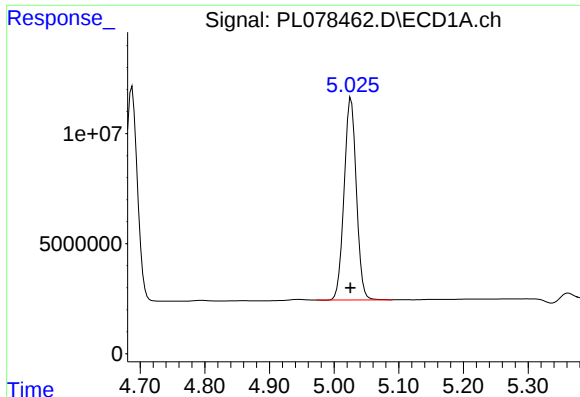
#4 Heptachlor

R.T.: 4.688 min
Delta R.T.: 0.000 min
Response: 126772754
Conc: 48.83 ng/ml



#4 Heptachlor

R.T.: 3.708 min
Delta R.T.: 0.000 min
Response: 159746779
Conc: 46.07 ng/ml



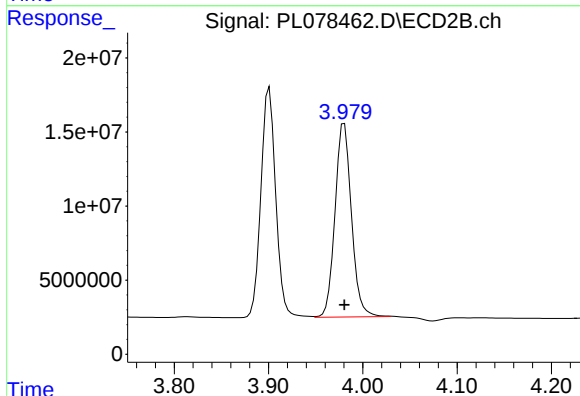
#5 Aldrin

R.T.: 5.026 min
Delta R.T.: 0.000 min
Response: 121071419
Conc: 48.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

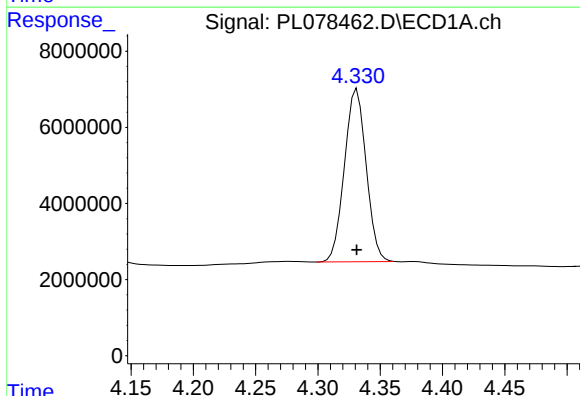
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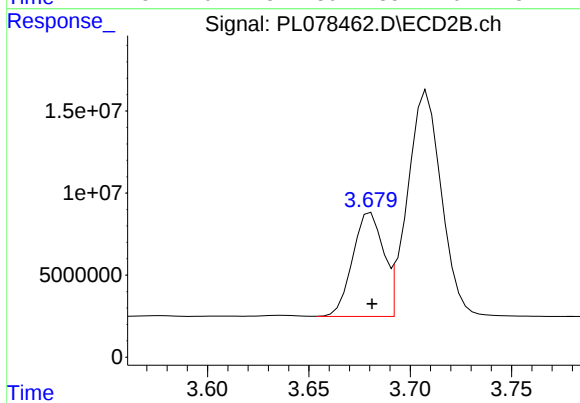
#5 Aldrin

R.T.: 3.979 min
Delta R.T.: -0.001 min
Response: 158311989
Conc: 45.21 ng/ml m



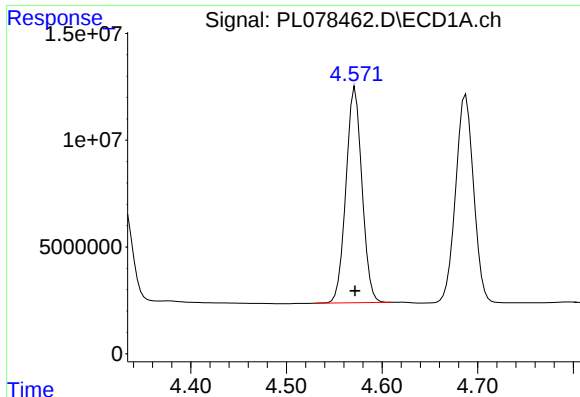
#6 beta-BHC

R.T.: 4.331 min
Delta R.T.: 0.000 min
Response: 55373974
Conc: 48.07 ng/ml



#6 beta-BHC

R.T.: 3.681 min
Delta R.T.: 0.000 min
Response: 66332770
Conc: 46.23 ng/ml



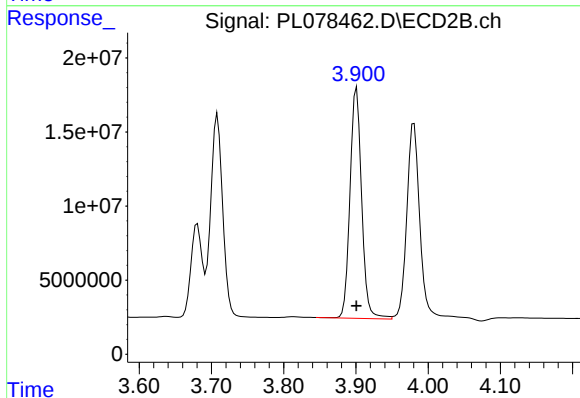
#7 delta-BHC

R.T.: 4.572 min
Delta R.T.: 0.000 min
Response: 118336166
Conc: 51.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

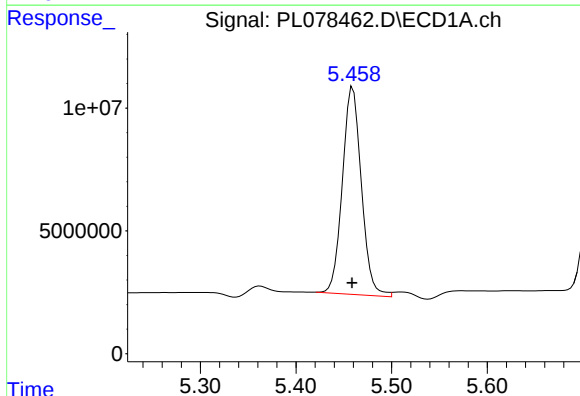
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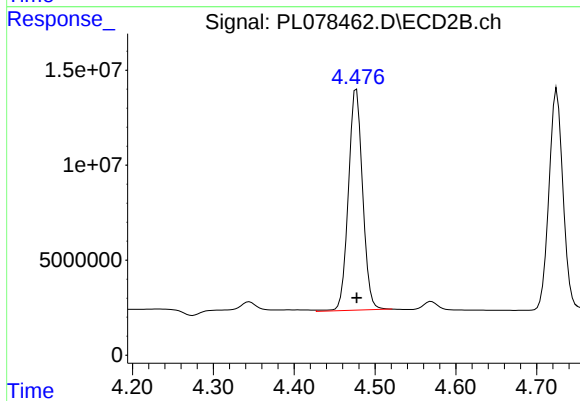
#7 delta-BHC

R.T.: 3.901 min
Delta R.T.: 0.000 min
Response: 173139633
Conc: 47.55 ng/ml



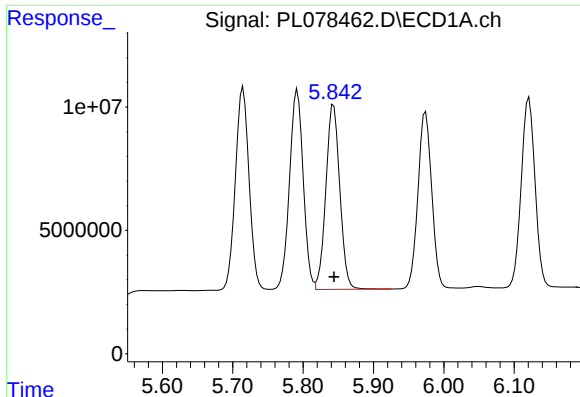
#8 Heptachlor epoxide

R.T.: 5.460 min
Delta R.T.: 0.000 min
Response: 117039452
Conc: 55.13 ng/ml



#8 Heptachlor epoxide

R.T.: 4.477 min
Delta R.T.: 0.000 min
Response: 142380287
Conc: 47.25 ng/ml



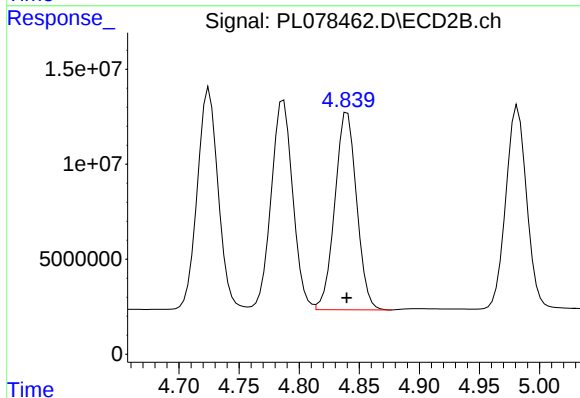
#9 Endosulfan I

R.T.: 5.843 min
Delta R.T.: 0.000 min
Response: 103115787
Conc: 48.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

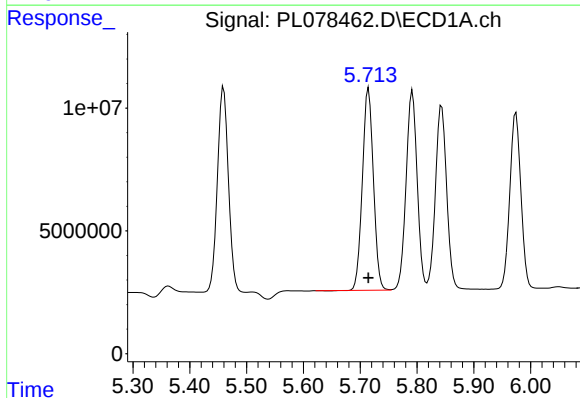
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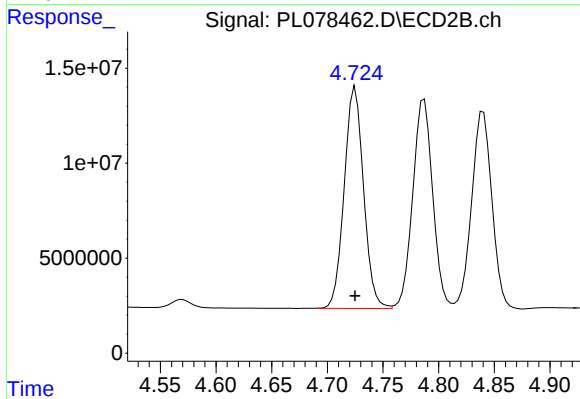
#9 Endosulfan I

R.T.: 4.840 min
Delta R.T.: 0.000 min
Response: 131484534
Conc: 45.93 ng/ml



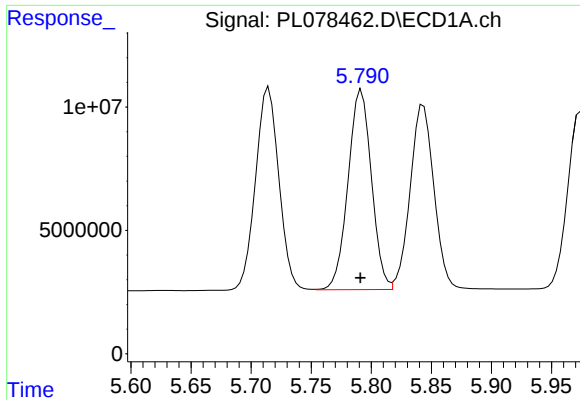
#10 gamma-Chlordane

R.T.: 5.715 min
Delta R.T.: 0.000 min
Response: 110820971
Conc: 49.10 ng/ml



#10 gamma-Chlordane

R.T.: 4.725 min
Delta R.T.: 0.000 min
Response: 140943666
Conc: 45.99 ng/ml



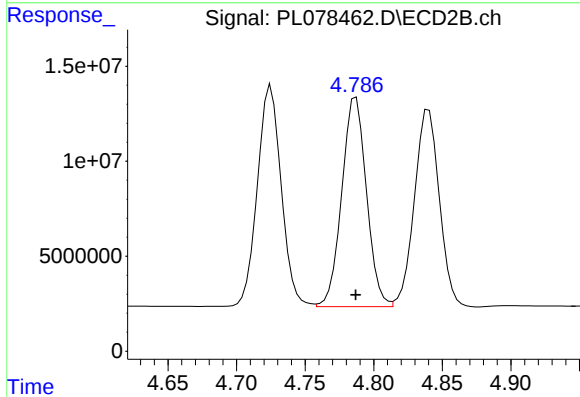
#11 alpha-Chlordane

R.T.: 5.792 min
Delta R.T.: 0.000 min
Response: 110024855
Conc: 47.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

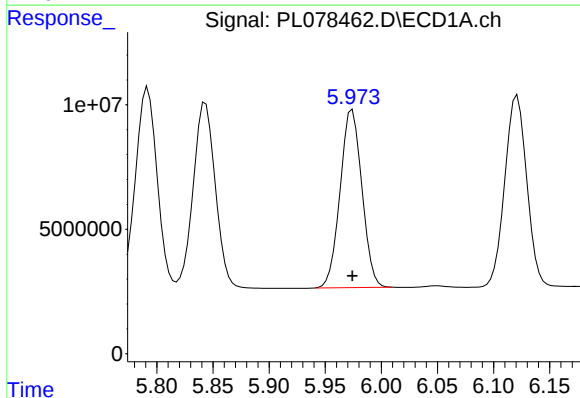
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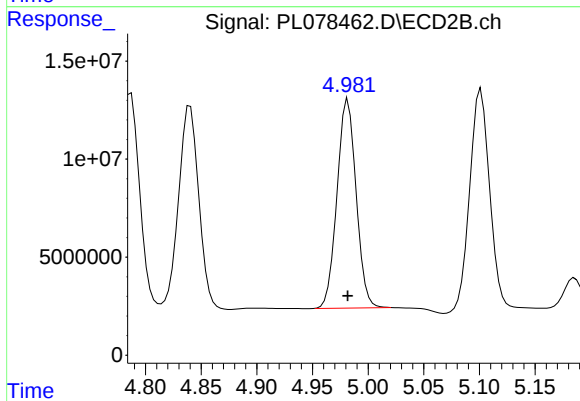
#11 alpha-Chlordane

R.T.: 4.787 min
Delta R.T.: 0.000 min
Response: 138046762
Conc: 46.32 ng/ml



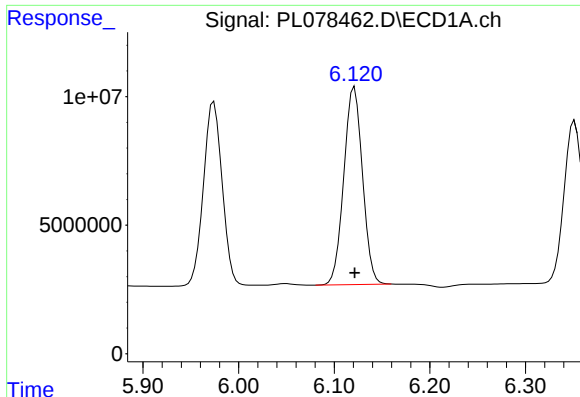
#12 4,4'-DDE

R.T.: 5.974 min
Delta R.T.: 0.000 min
Response: 96684226
Conc: 48.31 ng/ml



#12 4,4'-DDE

R.T.: 4.982 min
Delta R.T.: 0.000 min
Response: 127394187
Conc: 46.79 ng/ml



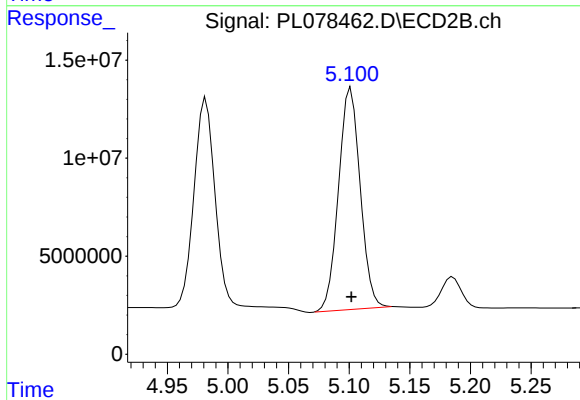
#13 Dieldrin

R.T.: 6.121 min
Delta R.T.: 0.000 min
Response: 104839631
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

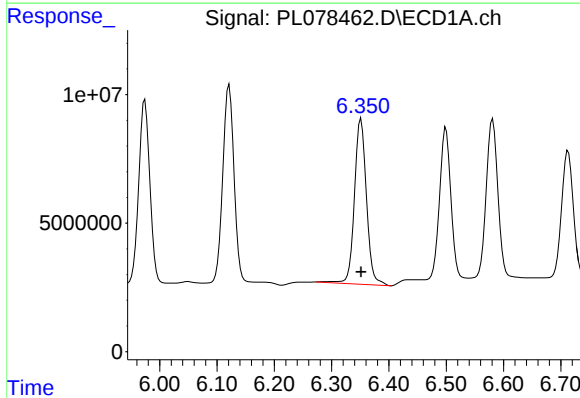
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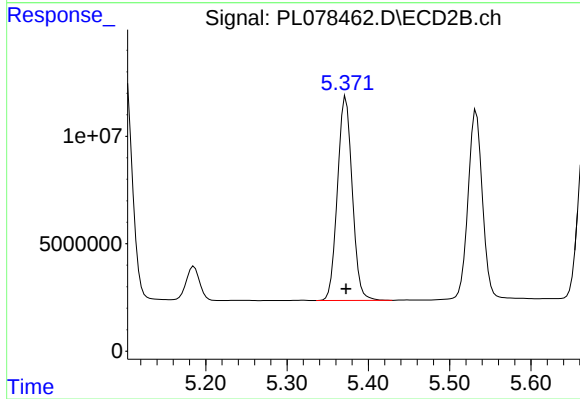
#13 Dieldrin

R.T.: 5.101 min
Delta R.T.: 0.000 min
Response: 140786353
Conc: 47.51 ng/ml



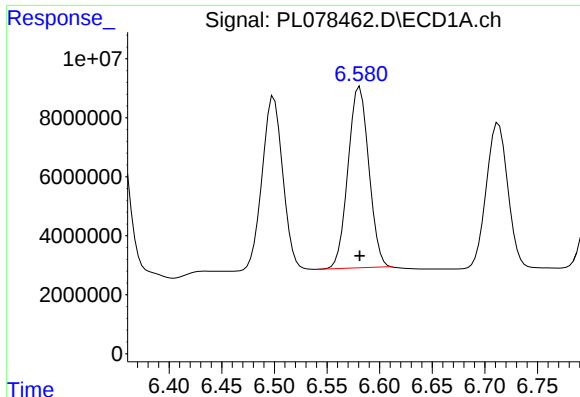
#14 Endrin

R.T.: 6.351 min
Delta R.T.: 0.000 min
Response: 94129692
Conc: 49.60 ng/ml



#14 Endrin

R.T.: 5.372 min
Delta R.T.: 0.000 min
Response: 119648188
Conc: 45.93 ng/ml



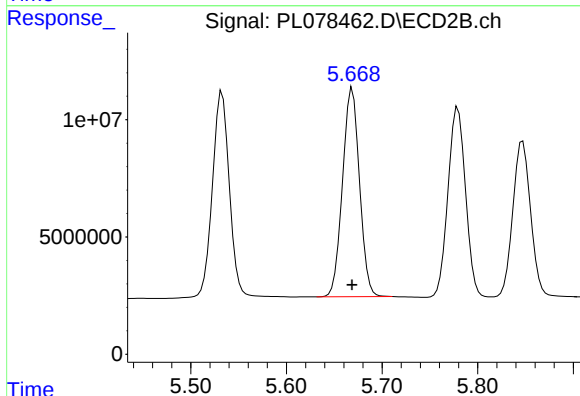
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.000 min
Response: 84754816
Conc: 45.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

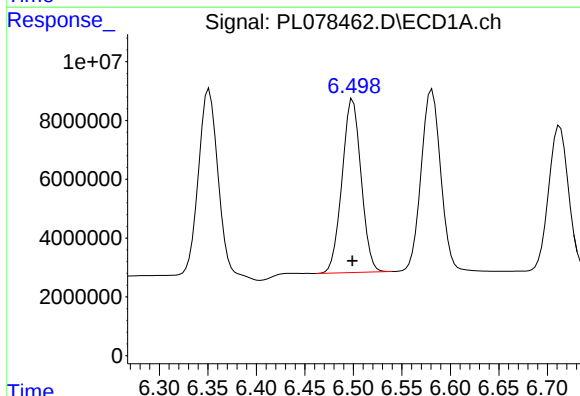
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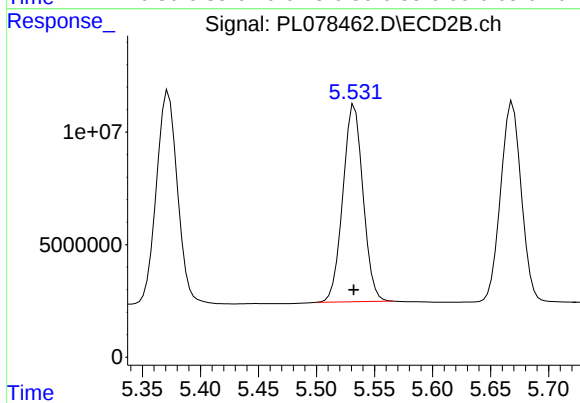
#15 Endosulfan II

R.T.: 5.669 min
Delta R.T.: 0.000 min
Response: 110229606
Conc: 48.43 ng/ml



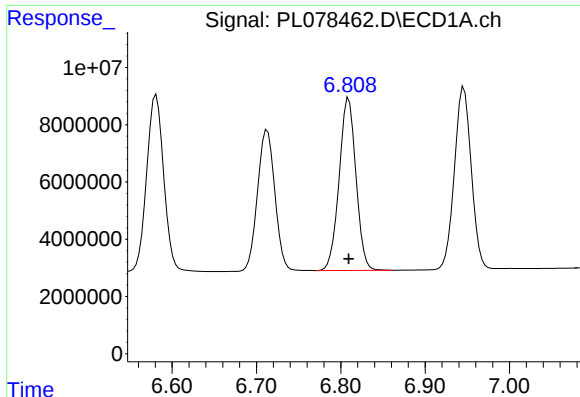
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: 0.000 min
Response: 80490944
Conc: 48.28 ng/ml



#16 4,4'-DDD

R.T.: 5.533 min
Delta R.T.: 0.000 min
Response: 105981011
Conc: 48.25 ng/ml



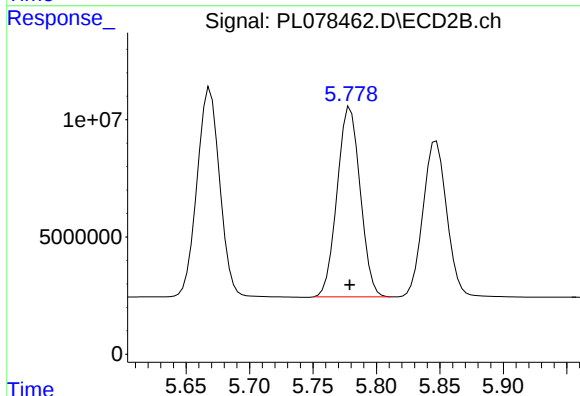
#17 4,4'-DDT

R.T.: 6.809 min
Delta R.T.: 0.000 min
Response: 83610928
Conc: 46.65 ng/ml

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ECD_L
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PSTDCCC050

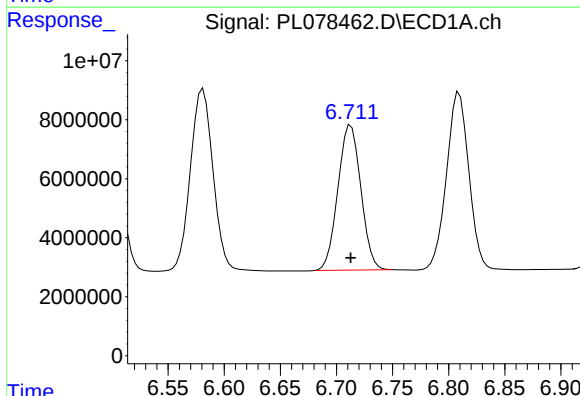
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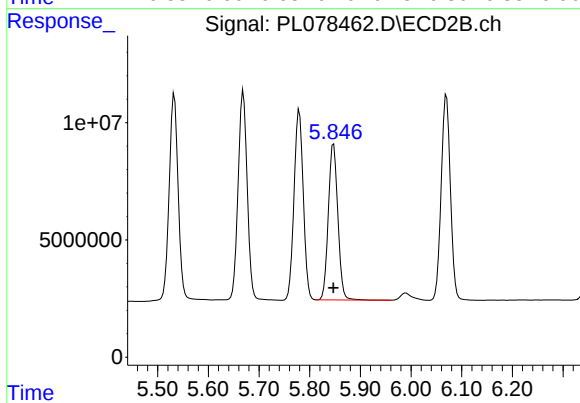
#17 4,4'-DDT

R.T.: 5.779 min
Delta R.T.: 0.000 min
Response: 102566460
Conc: 47.28 ng/ml



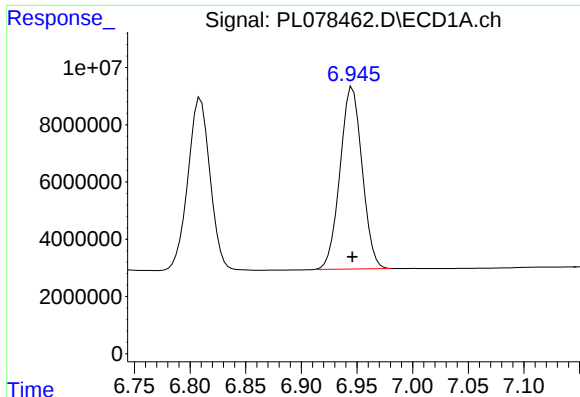
#18 Endrin aldehyde

R.T.: 6.713 min
Delta R.T.: 0.000 min
Response: 69973721
Conc: 48.09 ng/ml



#18 Endrin aldehyde

R.T.: 5.847 min
Delta R.T.: 0.000 min
Response: 86578701
Conc: 46.13 ng/ml



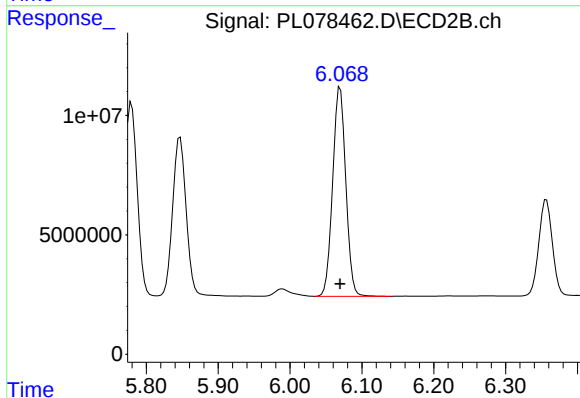
#19 Endosulfan Sulfate

R.T.: 6.946 min
Delta R.T.: 0.000 min
Response: 87944241
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

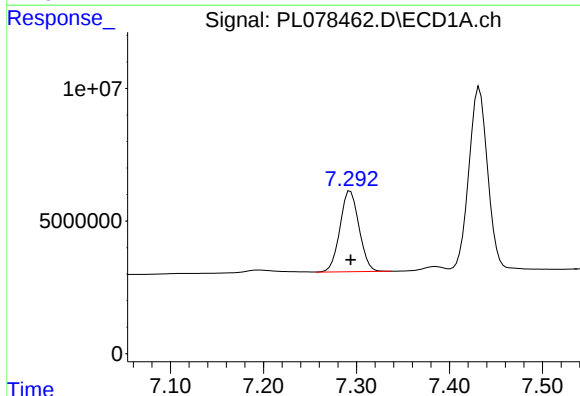
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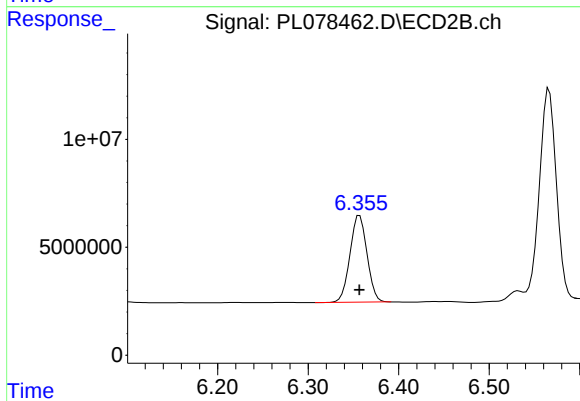
#19 Endosulfan Sulfate

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 110910569
Conc: 46.59 ng/ml



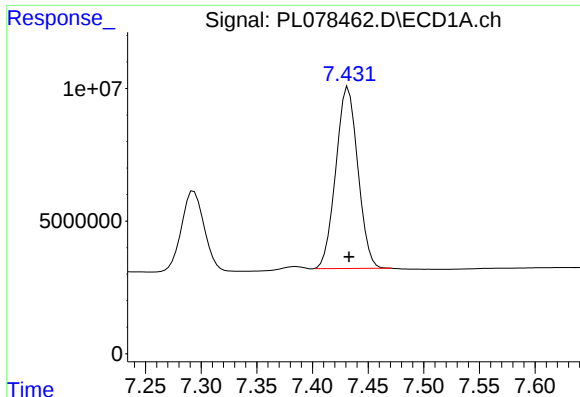
#20 Methoxychlor

R.T.: 7.293 min
Delta R.T.: 0.000 min
Response: 43301166
Conc: 47.02 ng/ml



#20 Methoxychlor

R.T.: 6.357 min
Delta R.T.: 0.000 min
Response: 52638940
Conc: 46.39 ng/ml



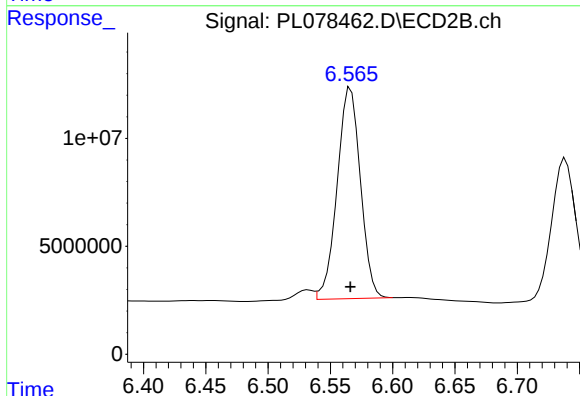
#21 Endrin ketone

R.T.: 7.432 min
Delta R.T.: 0.000 min
Response: 94165029
Conc: 50.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

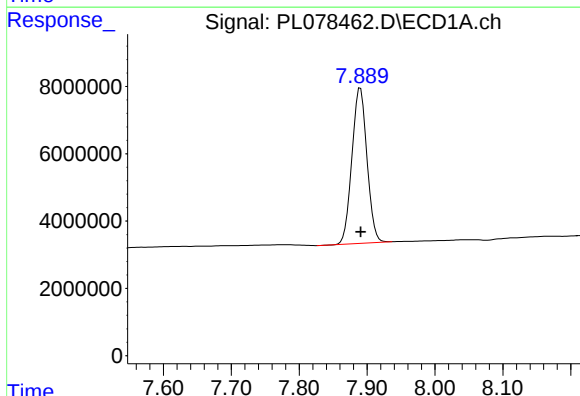
Manual Integrations
APPROVED

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



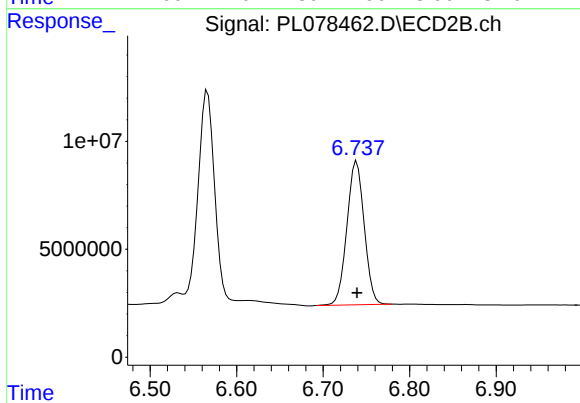
#21 Endrin ketone

R.T.: 6.566 min
Delta R.T.: 0.000 min
Response: 127497826
Conc: 49.33 ng/ml



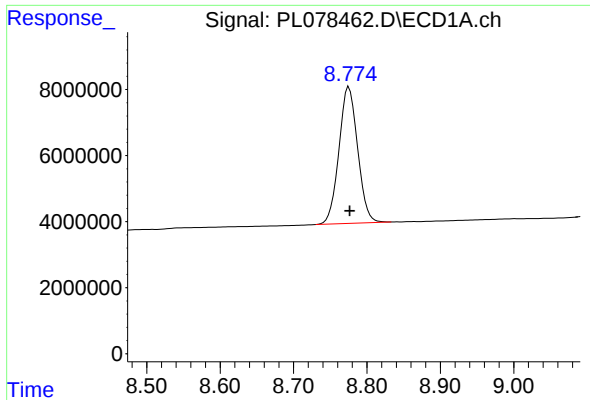
#22 Mirex

R.T.: 7.890 min
Delta R.T.: 0.000 min
Response: 71085705
Conc: 48.69 ng/ml



#22 Mirex

R.T.: 6.739 min
Delta R.T.: 0.000 min
Response: 92281079
Conc: 46.89 ng/ml



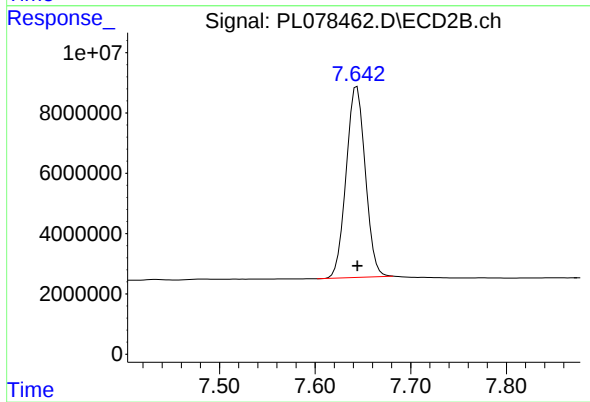
#28 Decachlorobiphenyl

R.T.: 8.775 min
Delta R.T.: -0.001 min
Response: 73216649
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 88345875
Conc: 46.64 ng/ml