

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072622\
 Data File : PL076647.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jul 2022 08:45
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/26/2022
 Supervised By : Ankita Jodhani 07/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 26 08:58:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 26 05:22:48 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...	3.422	2.640	54862516	142.6E6	53.160	48.078
28)	SA Decachlor...	8.911	7.750	43691180	110.7E6	49.539	43.121
Target Compounds							
2)	A alpha-BHC	3.887	3.134	77873272	205.0E6	53.998	49.089
3)	MA gamma-BHC...	4.222	3.459	74291811	186.1E6	55.022	48.833
4)	MA Heptachlor	4.799	3.793	70924203	183.8E6	52.849	48.676
5)	MB Aldrin	5.139	4.068	63006922	169.1E6	52.457	48.076
6)	B beta-BHC	4.434	3.757	31633029	78808122	53.010	46.477
7)	B delta-BHC	4.677	3.982	61543981	189.6E6	55.523	49.723
8)	B Heptachlo...	5.572	4.568	58197333	152.9E6	52.192	48.214
9)	A Endosulfan I	5.958	4.934	53395256	138.2E6	51.686	47.760
10)	B gamma-Chl...	5.827	4.818	57817123	154.0E6	52.145	48.105
11)	B alpha-Chl...	5.904	4.881	57443876	150.0E6	51.923	48.060
12)	B 4,4'-DDE	6.083	5.075	51046638	142.7E6	52.007	48.025
13)	MA Dieldrin	6.235	5.197	54316719	147.0E6	51.609	47.369m
14)	MA Endrin	6.467	5.470	48428091	123.1E6	50.415	49.052
15)	B Endosulfa...	6.694	5.766	46292267	110.6E6	51.578	46.106
16)	A 4,4'-DDD	6.607	5.628	43848745	109.4E6	52.598	46.188
17)	MA 4,4'-DDT	6.918	5.877	45115916	111.1E6	49.647	46.247
18)	B Endrin al...	6.825	5.945	37023805	86673777	50.785	46.004
19)	B Endosulfa...	7.058	6.168	45698229	113.0E6	50.816	45.957
20)	A Methoxychlor	7.399	6.455	25261047	58270402	49.921	44.552
21)	B Endrin ke...	7.546	6.669	51148949	115.5E6	50.018	42.550
22)	Mirex	8.007	6.846	37786935	86275761	48.852	43.021

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

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ClientSampleId :

PSTDCCC050

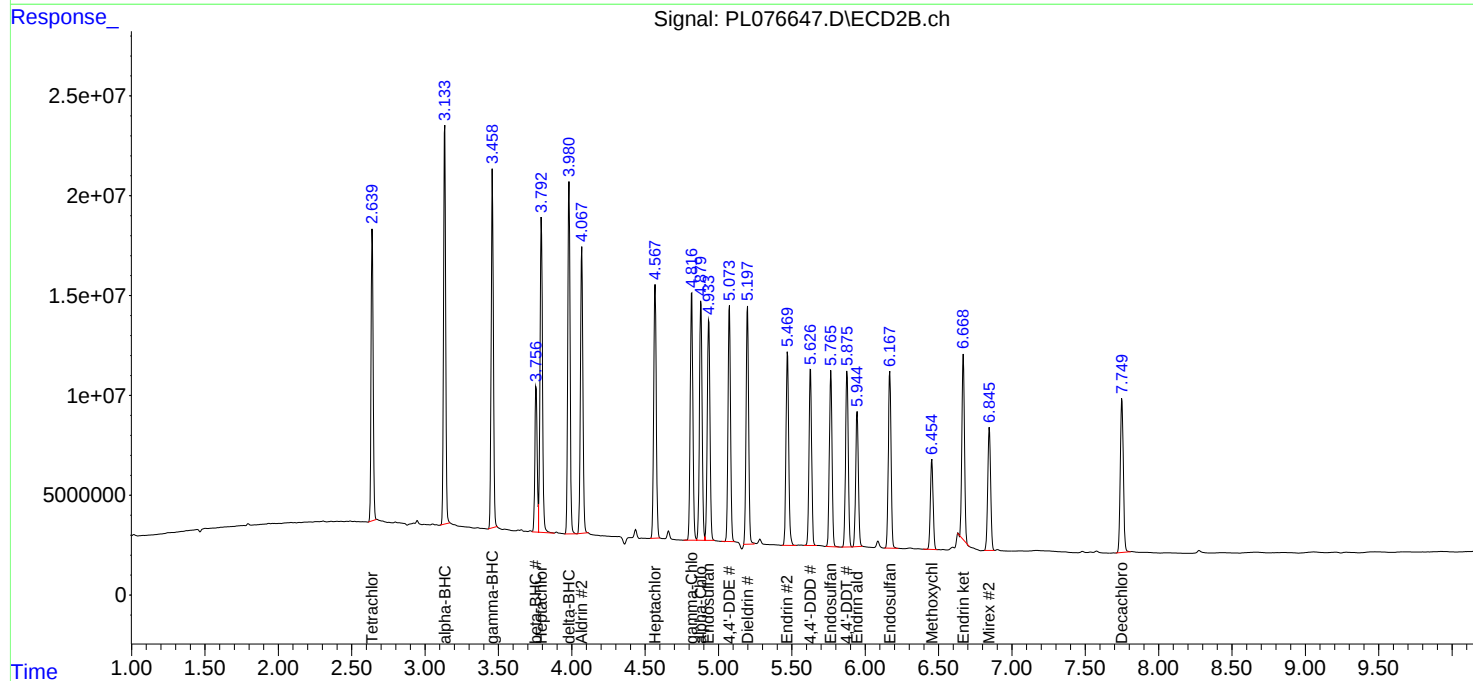
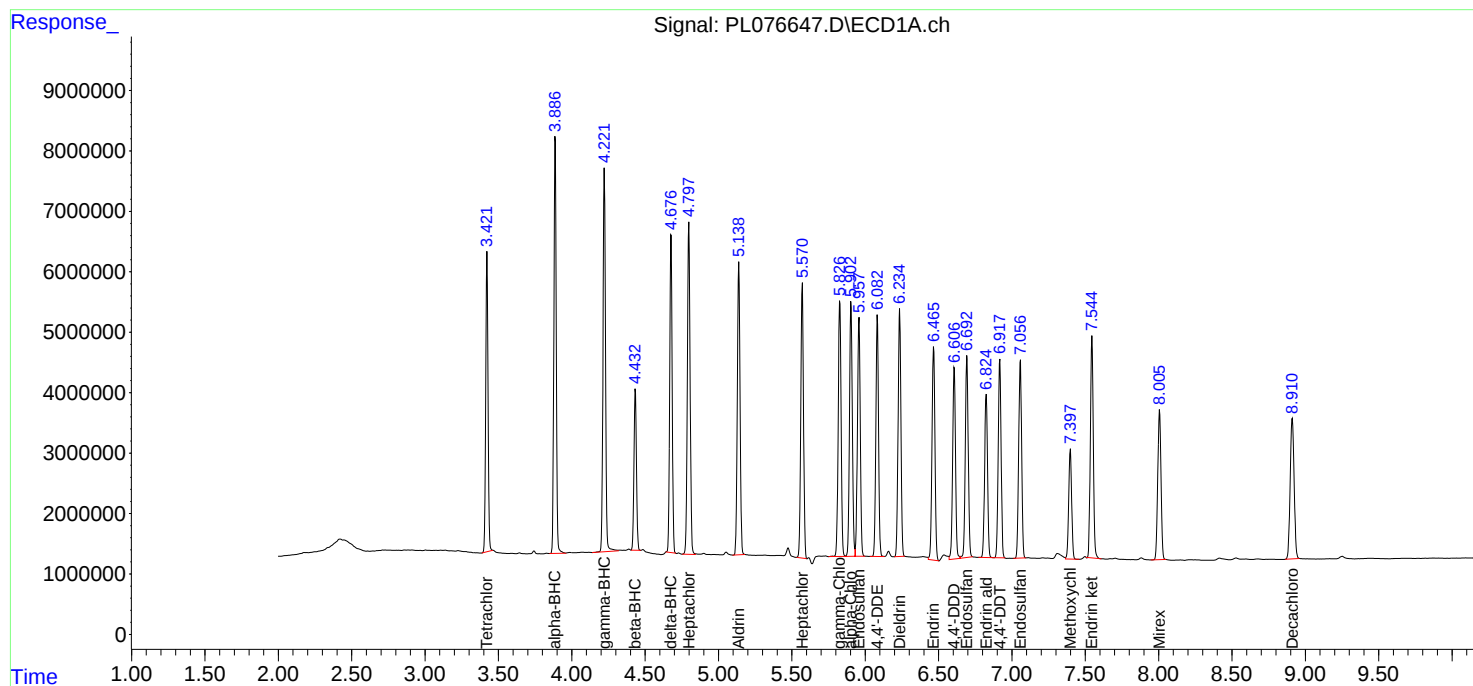
Manual Integrations

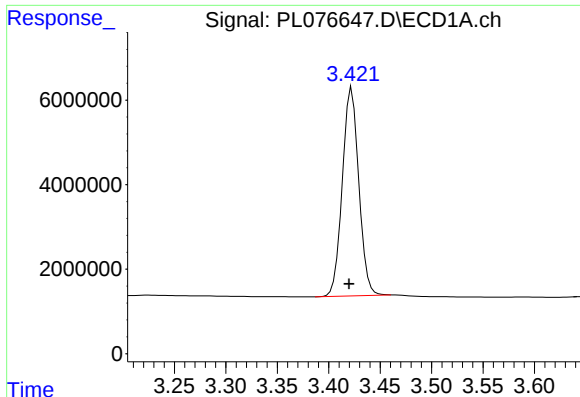
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 26 08:58:29 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL072622.M
Quant Title : GC Extractables
QLast Update : Tue Jul 26 05:22:48 2022
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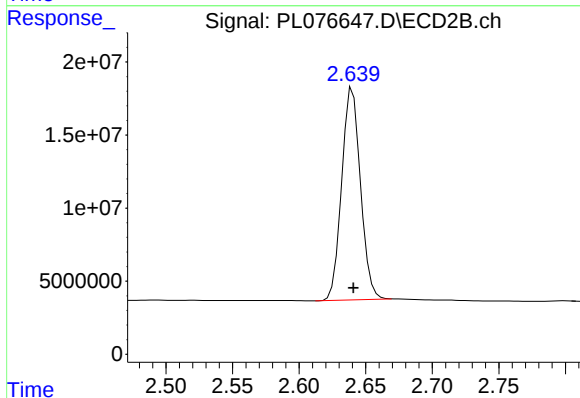
#1 Tetrachloro-m-xylene

R.T.: 3.422 min
Delta R.T.: 0.002 min
Response: 54862516
Conc: 53.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

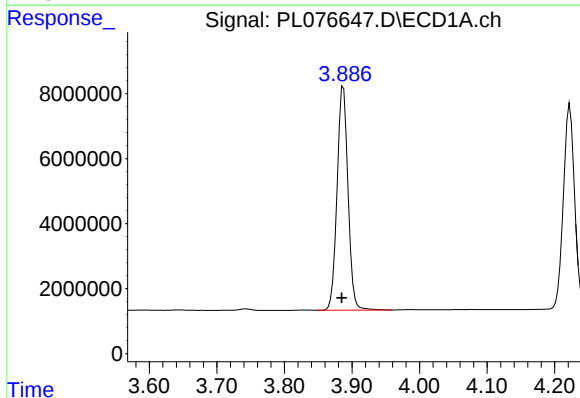
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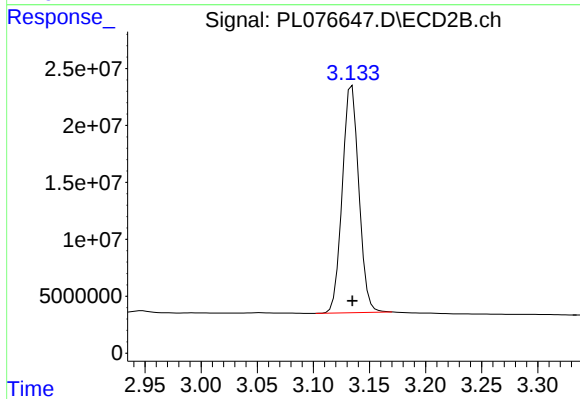
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: 0.000 min
Response: 142609789
Conc: 48.08 ng/ml



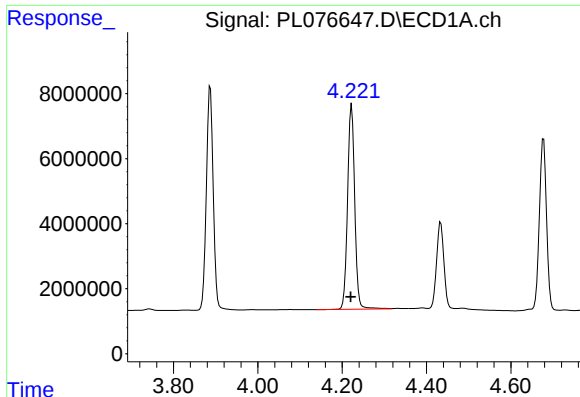
#2 alpha-BHC

R.T.: 3.887 min
Delta R.T.: 0.003 min
Response: 77873272
Conc: 54.00 ng/ml



#2 alpha-BHC

R.T.: 3.134 min
Delta R.T.: 0.000 min
Response: 204953447
Conc: 49.09 ng/ml



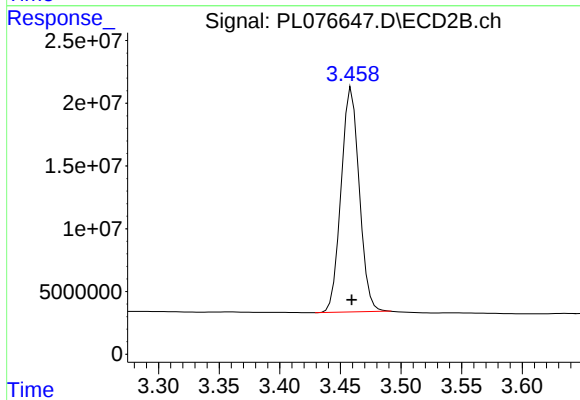
#3 gamma-BHC (Lindane)

R.T.: 4.222 min
Delta R.T.: 0.002 min
Response: 74291811
Conc: 55.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

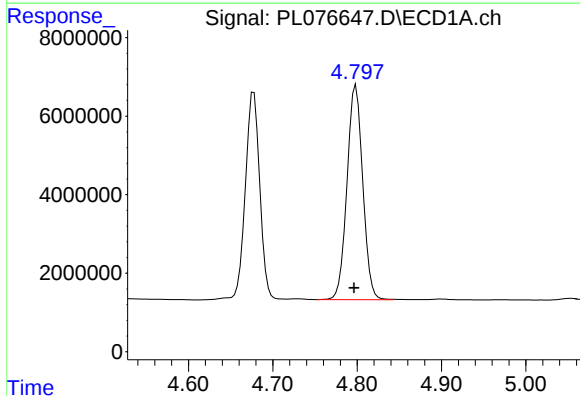
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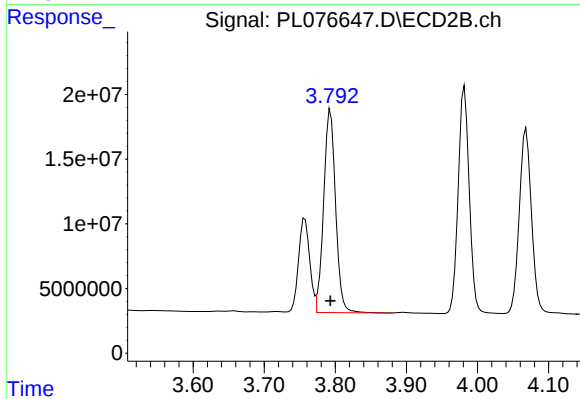
#3 gamma-BHC (Lindane)

R.T.: 3.459 min
Delta R.T.: 0.000 min
Response: 186123529
Conc: 48.83 ng/ml



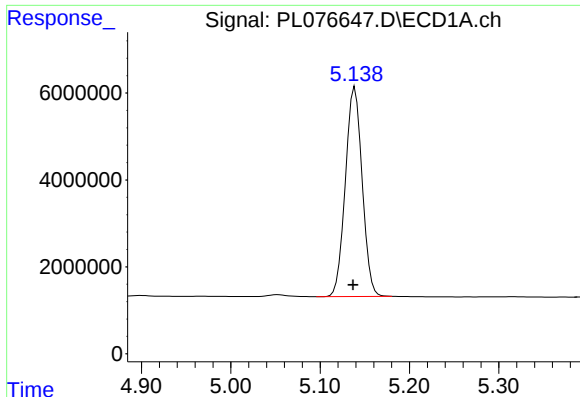
#4 Heptachlor

R.T.: 4.799 min
Delta R.T.: 0.002 min
Response: 70924203
Conc: 52.85 ng/ml



#4 Heptachlor

R.T.: 3.793 min
Delta R.T.: 0.000 min
Response: 183794343
Conc: 48.68 ng/ml



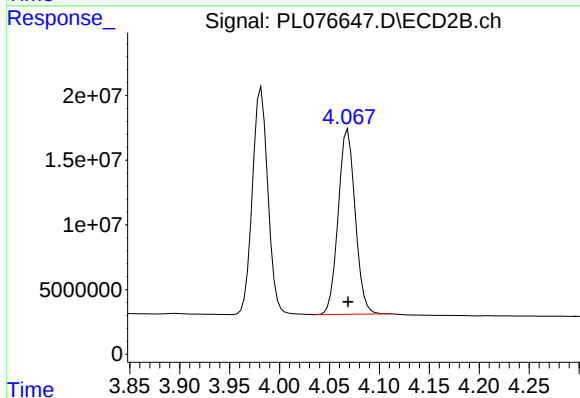
#5 Aldrin

R.T.: 5.139 min
Delta R.T.: 0.002 min
Response: 63006922
Conc: 52.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

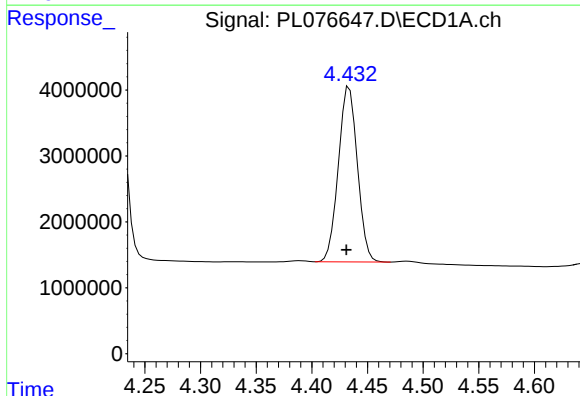
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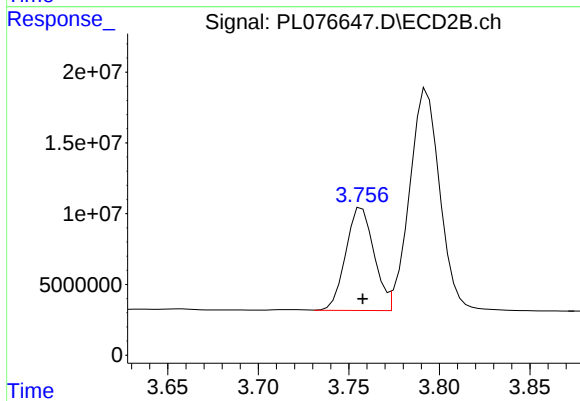
#5 Aldrin

R.T.: 4.068 min
Delta R.T.: 0.000 min
Response: 169122111
Conc: 48.08 ng/ml



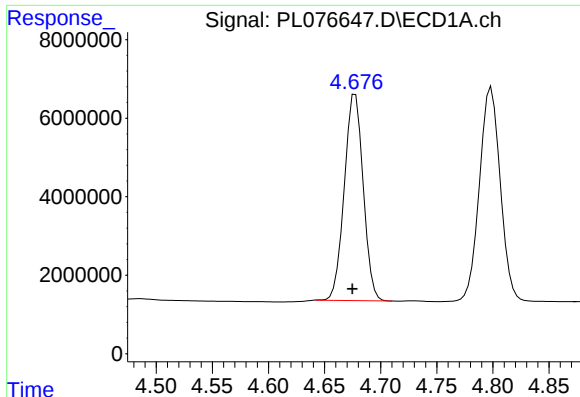
#6 beta-BHC

R.T.: 4.434 min
Delta R.T.: 0.002 min
Response: 31633029
Conc: 53.01 ng/ml



#6 beta-BHC

R.T.: 3.757 min
Delta R.T.: 0.000 min
Response: 78808122
Conc: 46.48 ng/ml



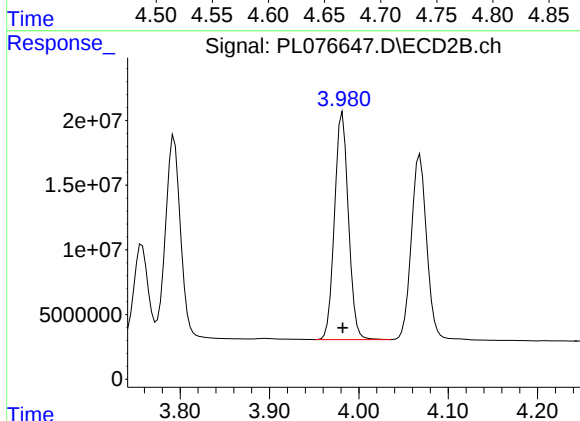
#7 delta-BHC

R.T.: 4.677 min
Delta R.T.: 0.003 min
Response: 61543981
Conc: 55.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

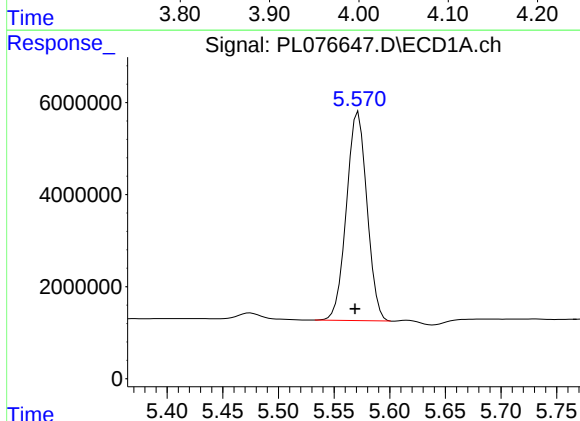
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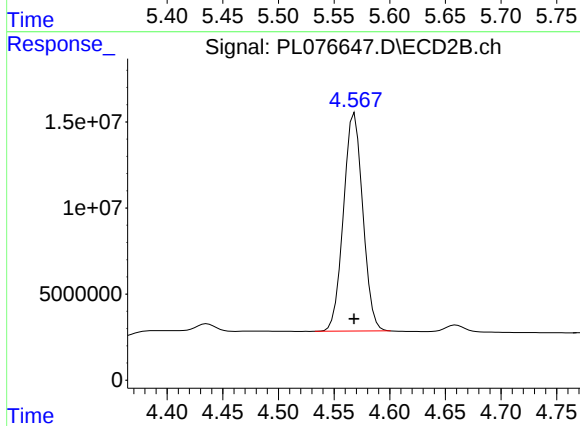
#7 delta-BHC

R.T.: 3.982 min
Delta R.T.: 0.000 min
Response: 189611607
Conc: 49.72 ng/ml



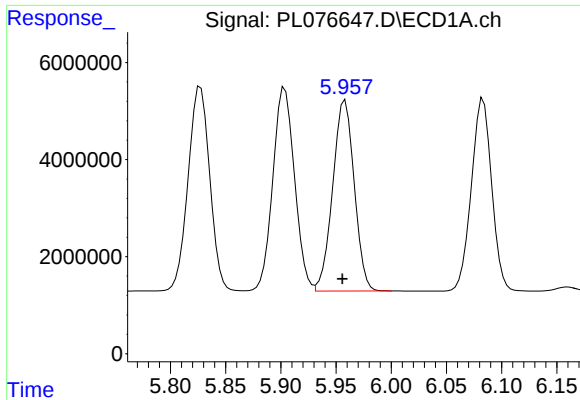
#8 Heptachlor epoxide

R.T.: 5.572 min
Delta R.T.: 0.003 min
Response: 58197333
Conc: 52.19 ng/ml



#8 Heptachlor epoxide

R.T.: 4.568 min
Delta R.T.: 0.000 min
Response: 152921000
Conc: 48.21 ng/ml



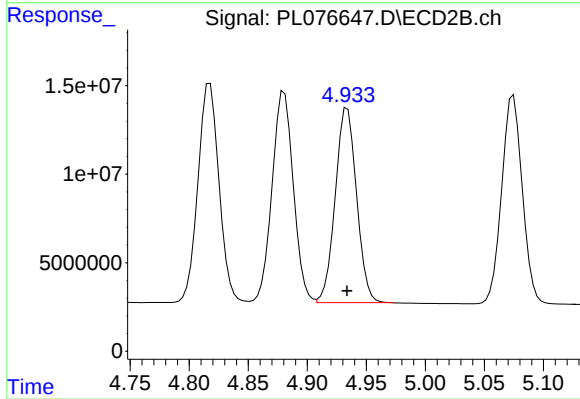
#9 Endosulfan I

R.T.: 5.958 min
Delta R.T.: 0.003 min
Response: 53395256
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

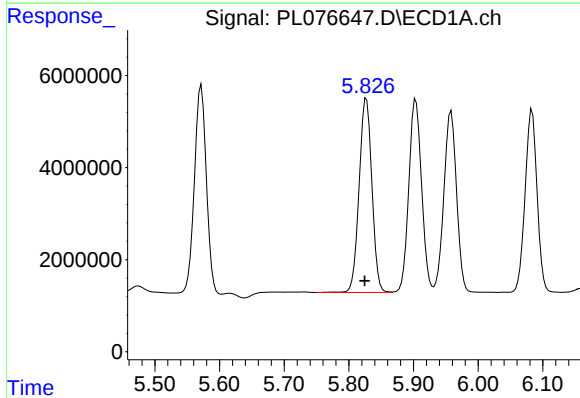
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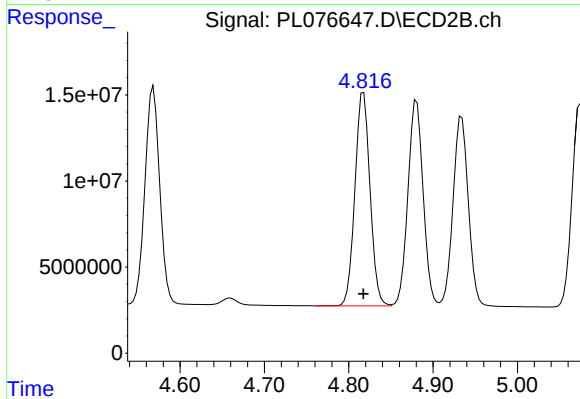
#9 Endosulfan I

R.T.: 4.934 min
Delta R.T.: 0.000 min
Response: 138204650
Conc: 47.76 ng/ml



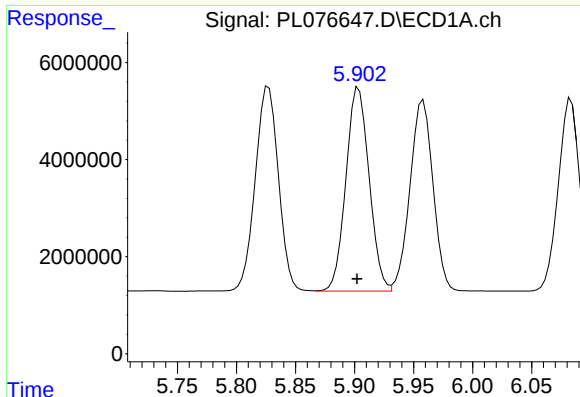
#10 gamma-Chlordane

R.T.: 5.827 min
Delta R.T.: 0.003 min
Response: 57817123
Conc: 52.15 ng/ml



#10 gamma-Chlordane

R.T.: 4.818 min
Delta R.T.: 0.000 min
Response: 153958916
Conc: 48.11 ng/ml



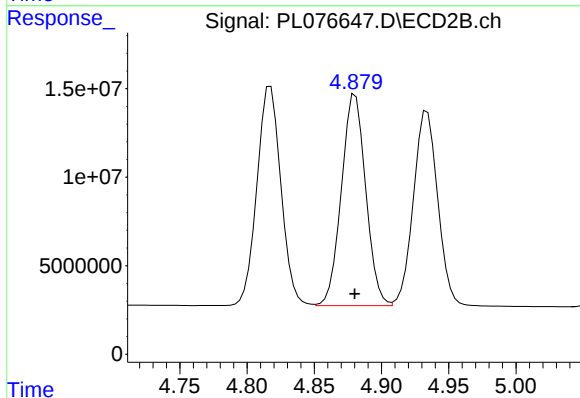
#11 alpha-Chlordane

R.T.: 5.904 min
Delta R.T.: 0.001 min
Response: 57443876
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

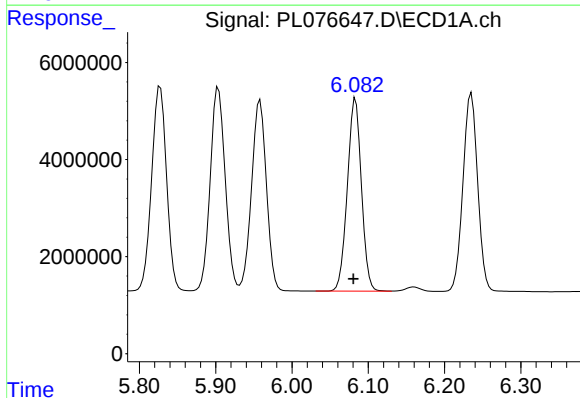
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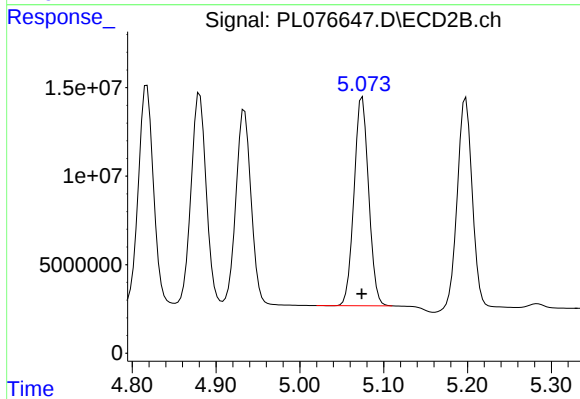
#11 alpha-Chlordane

R.T.: 4.881 min
Delta R.T.: 0.000 min
Response: 149990055
Conc: 48.06 ng/ml



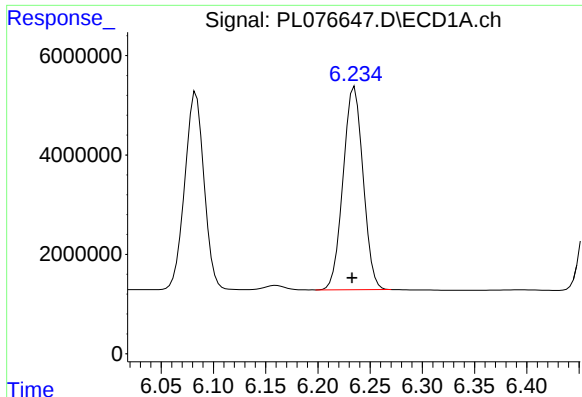
#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: 0.003 min
Response: 51046638
Conc: 52.01 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: 0.000 min
Response: 142734795
Conc: 48.03 ng/ml



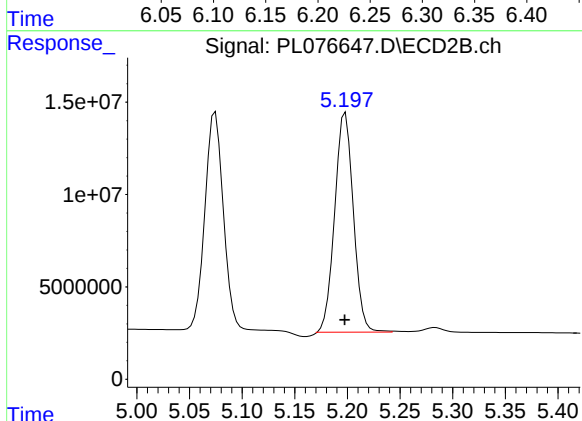
#13 Dieldrin

R.T.: 6.235 min
Delta R.T.: 0.002 min
Response: 54316719
Conc: 51.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

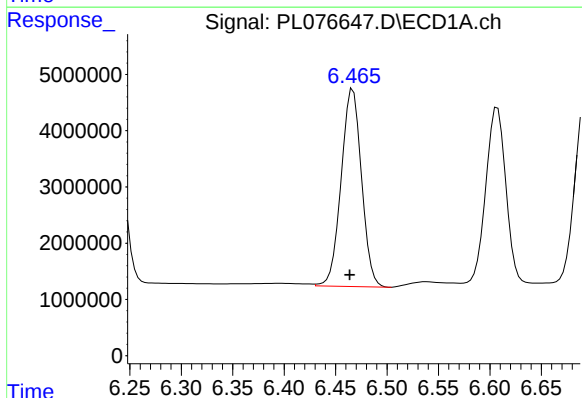
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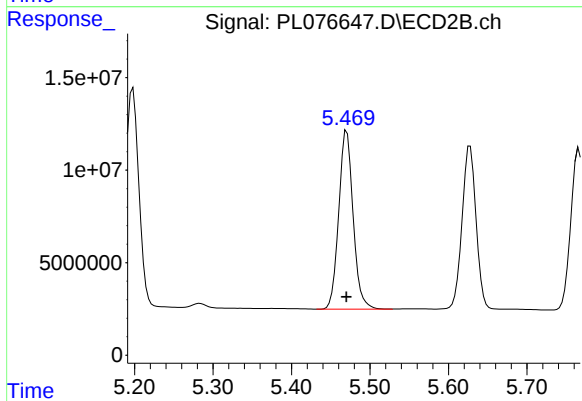
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: 0.000 min
Response: 146987358
Conc: 47.37 ng/ml m



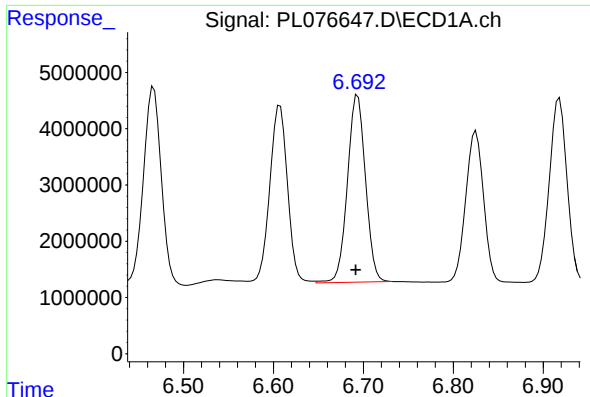
#14 Endrin

R.T.: 6.467 min
Delta R.T.: 0.003 min
Response: 48428091
Conc: 50.41 ng/ml



#14 Endrin

R.T.: 5.470 min
Delta R.T.: 0.000 min
Response: 123142899
Conc: 49.05 ng/ml



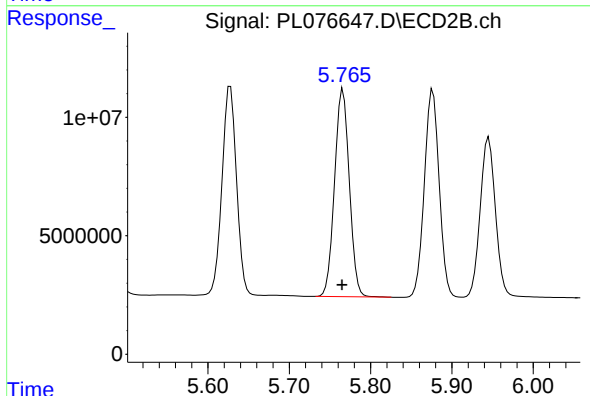
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: 0.002 min
Response: 46292267
Conc: 51.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

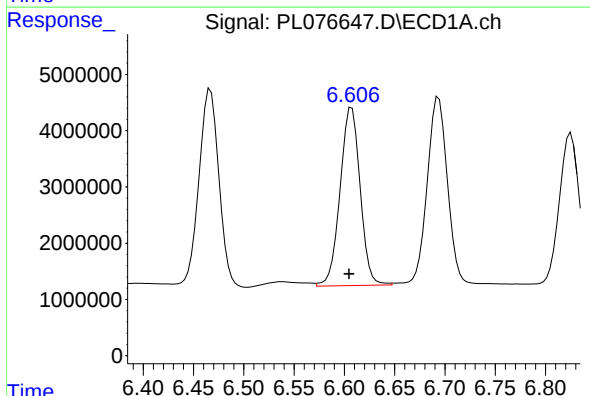
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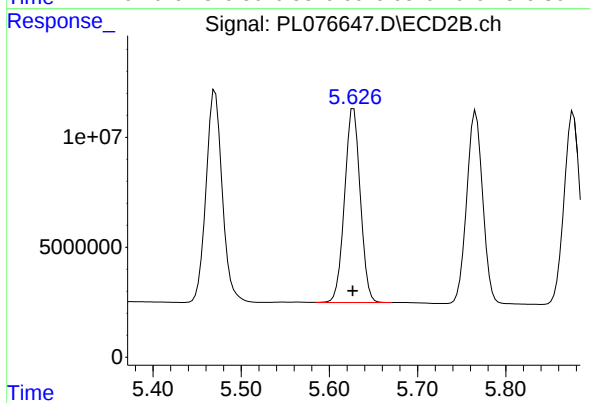
#15 Endosulfan II

R.T.: 5.766 min
Delta R.T.: 0.001 min
Response: 110565580
Conc: 46.11 ng/ml



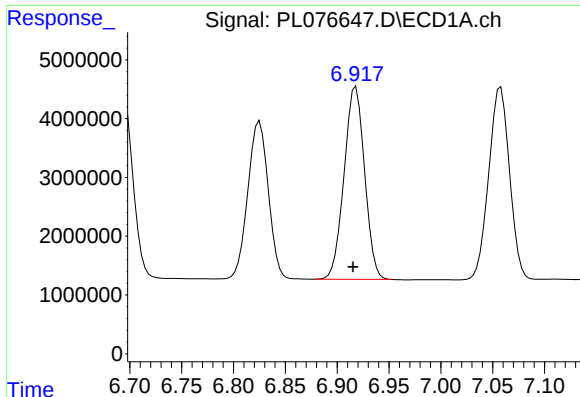
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: 0.003 min
Response: 43848745
Conc: 52.60 ng/ml



#16 4,4'-DDD

R.T.: 5.628 min
Delta R.T.: 0.000 min
Response: 109419455
Conc: 46.19 ng/ml



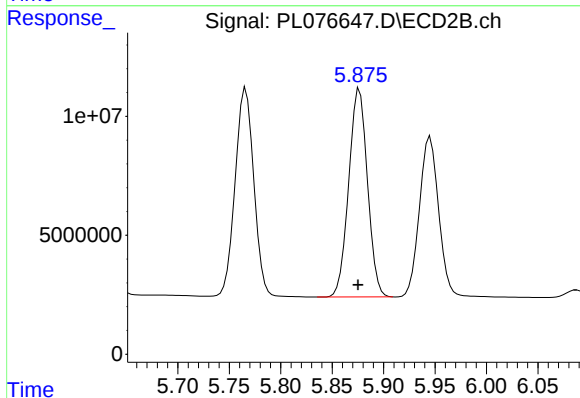
#17 4,4'-DDT

R.T.: 6.918 min
Delta R.T.: 0.003 min
Response: 45115916
Conc: 49.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

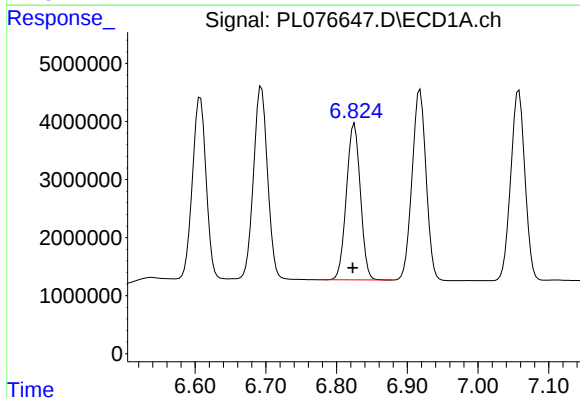
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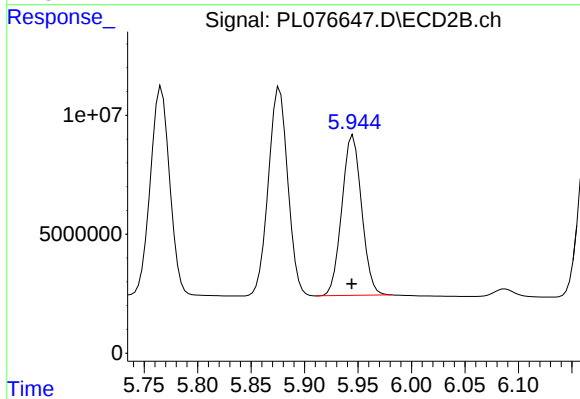
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: 0.001 min
Response: 111113210
Conc: 46.25 ng/ml



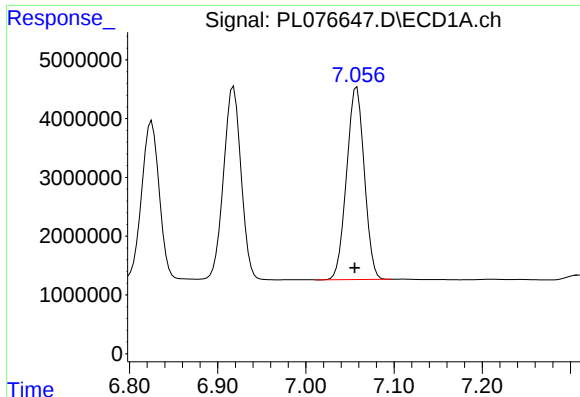
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: 0.002 min
Response: 37023805
Conc: 50.78 ng/ml



#18 Endrin aldehyde

R.T.: 5.945 min
Delta R.T.: 0.001 min
Response: 86673777
Conc: 46.00 ng/ml



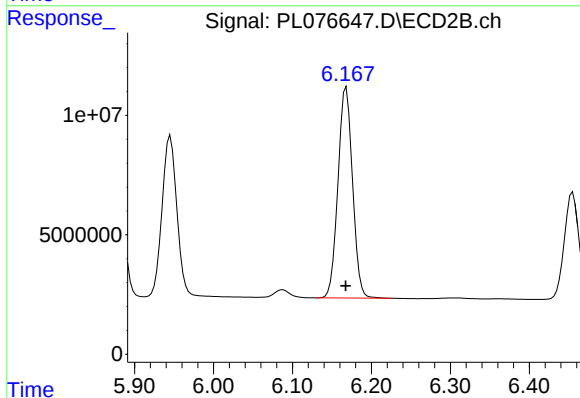
#19 Endosulfan Sulfate

R.T.: 7.058 min
Delta R.T.: 0.002 min
Response: 45698229
Conc: 50.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

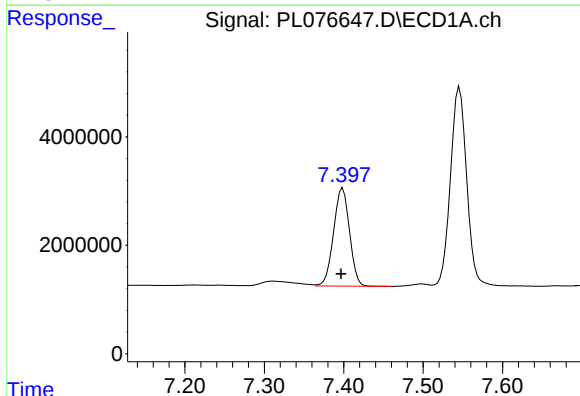
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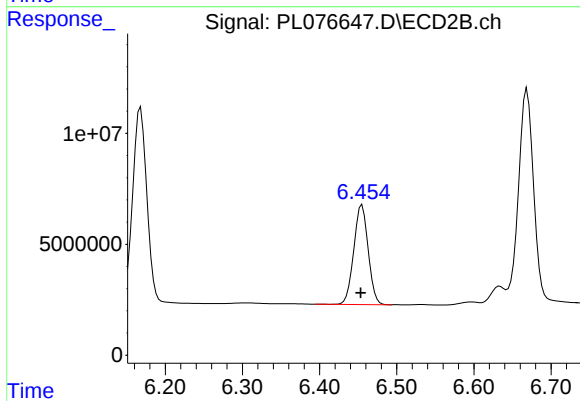
#19 Endosulfan Sulfate

R.T.: 6.168 min
Delta R.T.: 0.000 min
Response: 113042493
Conc: 45.96 ng/ml



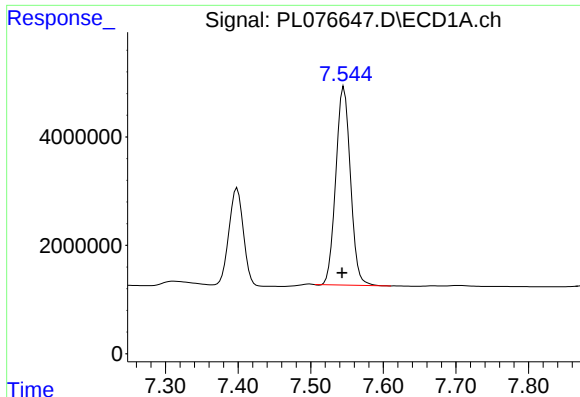
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.002 min
Response: 25261047
Conc: 49.92 ng/ml



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: 0.002 min
Response: 58270402
Conc: 44.55 ng/ml



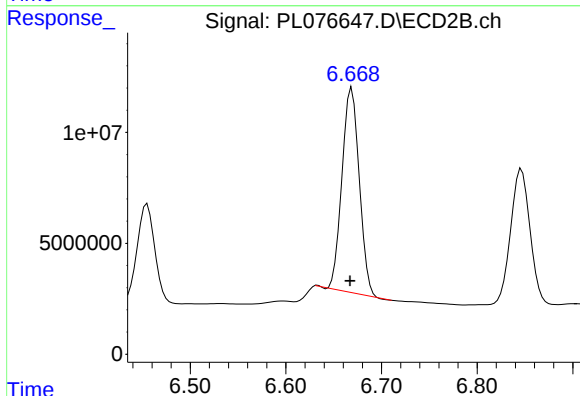
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.002 min
Response: 51148949
Conc: 50.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

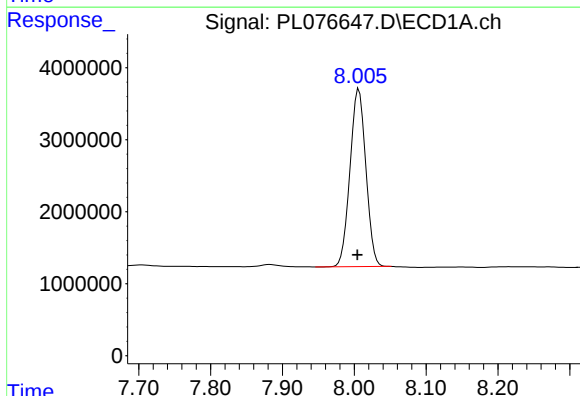
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/26/2022
Supervised By :Ankita Jodhani 07/26/2022



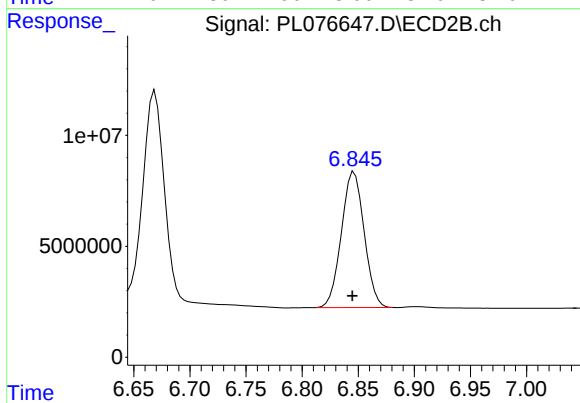
#21 Endrin ketone

R.T.: 6.669 min
Delta R.T.: 0.002 min
Response: 115487726
Conc: 42.55 ng/ml



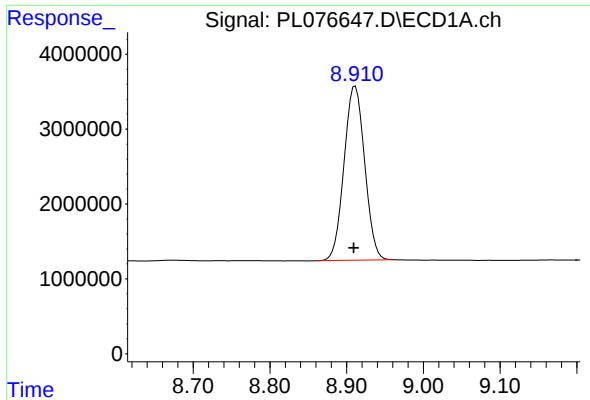
#22 Mirex

R.T.: 8.007 min
Delta R.T.: 0.002 min
Response: 37786935
Conc: 48.85 ng/ml



#22 Mirex

R.T.: 6.846 min
Delta R.T.: 0.002 min
Response: 86275761
Conc: 43.02 ng/ml



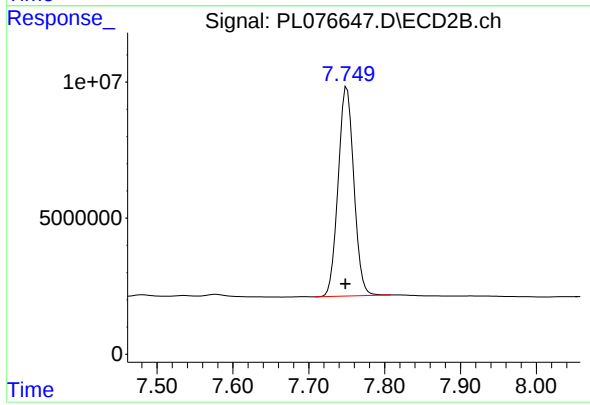
#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.002 min
Response: 43691180
Conc: 49.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.750 min
Delta R.T.: 0.002 min
Response: 110681405
Conc: 43.12 ng/ml