

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
 Data File : PL071043.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Nov 2021 23:53
 Operator : AR\AJ
 Sample : M4693-02MS
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 UT-COMP-01MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 11/18/2021
 Supervised By : mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Nov 18 00:55:29 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
 Quant Title : GC Extractables
 QLast Update : Thu Nov 04 19:28:07 2021
 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...	4.567	5.501	9716770	28676413	19.838	22.744
28)	SA Decachlor...	10.328	11.390	7843060	14960418	11.478	11.186
Target Compounds							
2)	A alpha-BHC	5.272	6.081	36325689	105.9E6	54.265	57.553
3)	MA gamma-BHC...	5.695	6.477	35732135	98632450	53.269	56.880
4)	MA Heptachlor	6.102	7.123	36739083	95015704	51.203	58.497
5)	MB Aldrin	6.426	7.493	33144737	89161750	51.832	54.908
6)	B beta-BHC	6.077	6.733	16451595	44260577	50.646	51.657
7)	B delta-BHC	6.336	6.998	35706798	103.9E6	53.953	62.157m
8)	B Heptachlo...	7.003	7.960	33762747	85913825	51.930	56.368
9)	A Endosulfan I	7.405	8.364	32242000	80177854	52.634	55.732
10)	B gamma-Chl...	7.280	8.229	34254374	85509255	51.602	55.226
11)	B alpha-Chl...	7.349	8.310	34006704	84404323	51.033	55.494
12)	B 4,4'-DDE	7.564	8.499	30464562	82747620	52.288	56.081
13)	MA Dieldrin	7.691	8.653	32846173	82888766	52.620	56.885
14)	MA Endrin	7.981	8.892	29470678	67651772	51.979	58.406
15)	B Endosulfa...	8.293	9.127	29243691	69705280	48.309	57.072
16)	A 4,4'-DDD	8.150	9.038	28233128	67674597	55.567	56.235
17)	MA 4,4'-DDT	8.410	9.355	26401630	65420106	48.005	51.856
18)	B Endrin al...	8.482	9.262	22782846	51589897	50.148	53.348
19)	B Endosulfa...	8.713	9.499	31560403	67651108	51.160	54.584
20)	A Methoxychlor	9.006	9.841	16856703	32073451	46.077	47.390
21)	B Endrin ke...	9.231	9.995	38355200	75109835	53.639	52.323
22)	Mirex	9.414	10.460	30248575	51736374	49.254	49.670

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL111721\
Data File : PL071043.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Nov 2021 23:53
Operator : AR\AJ
Sample : M4693-02MS
Misc :
ALS Vial : 28 Sample Multiplier: 1

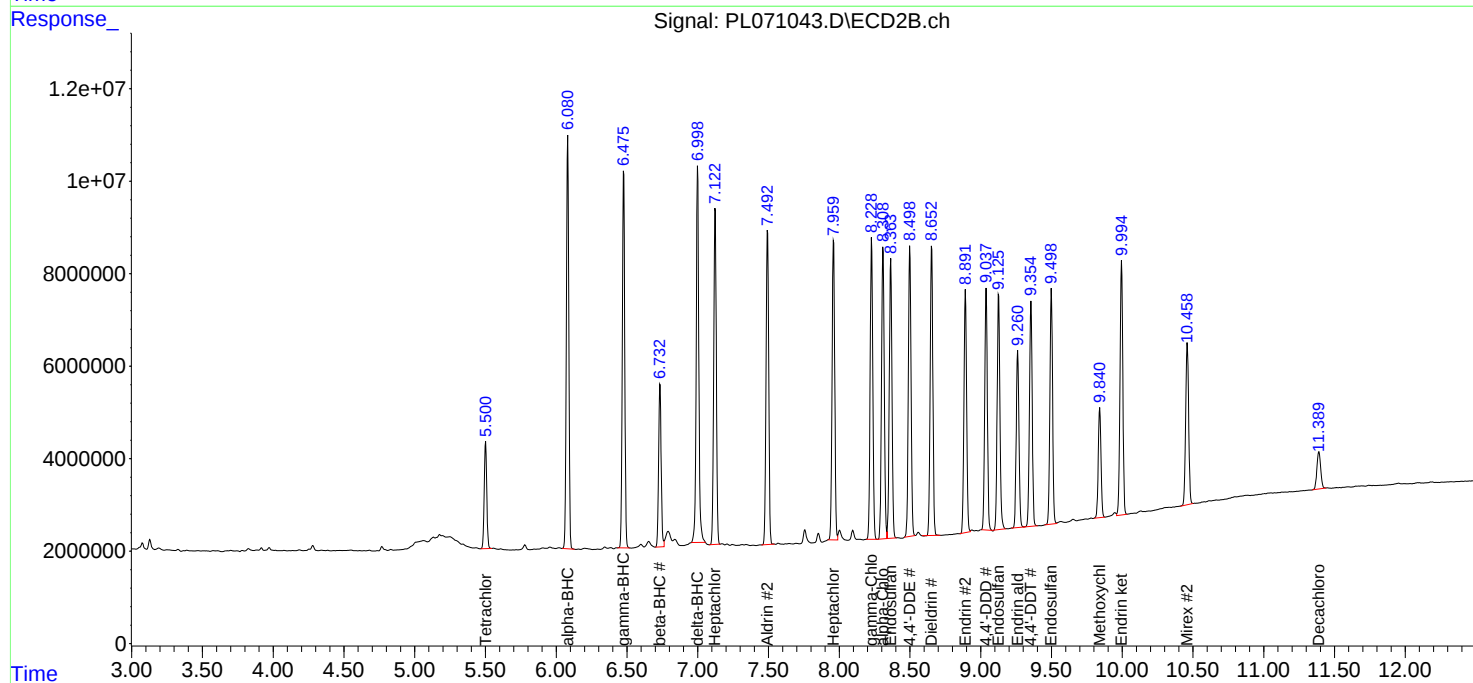
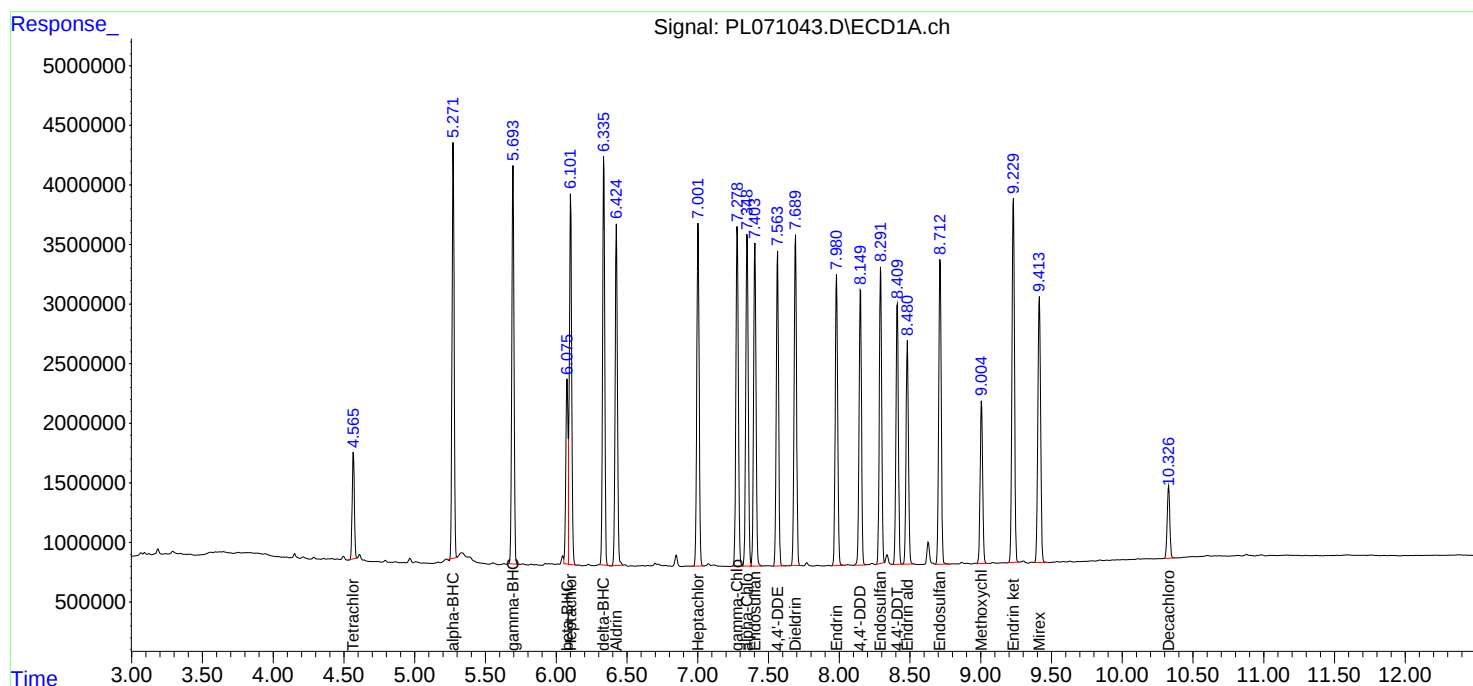
Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

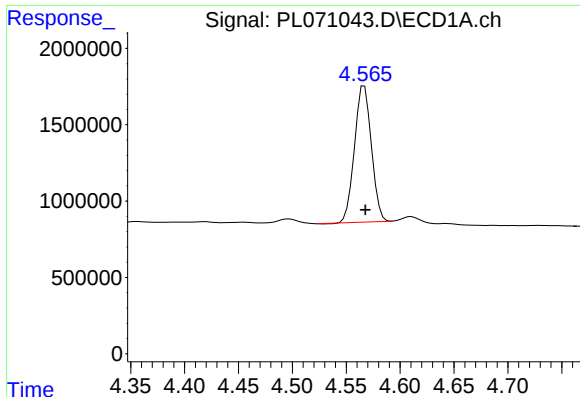
Manual Integrations
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Supervised By :mohammad ahmed 11/18/2021

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Nov 18 00:55:29 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL110321.M
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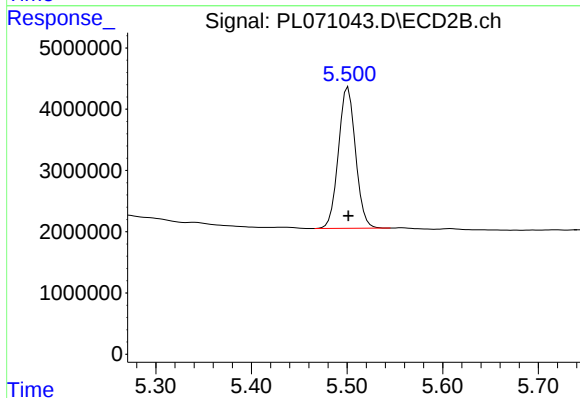
#1 Tetrachloro-m-xylene

R.T.: 4.567 min
Delta R.T.: -0.001 min
Response: 9716770
Conc: 19.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

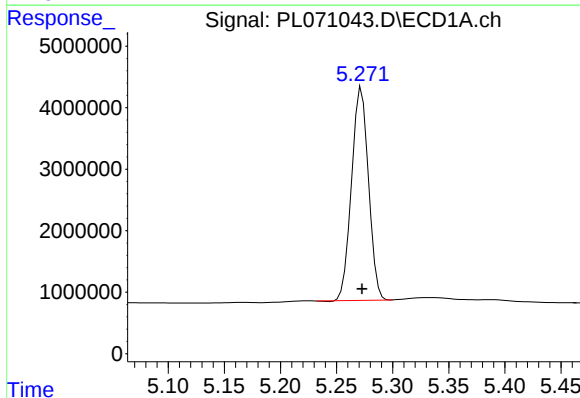
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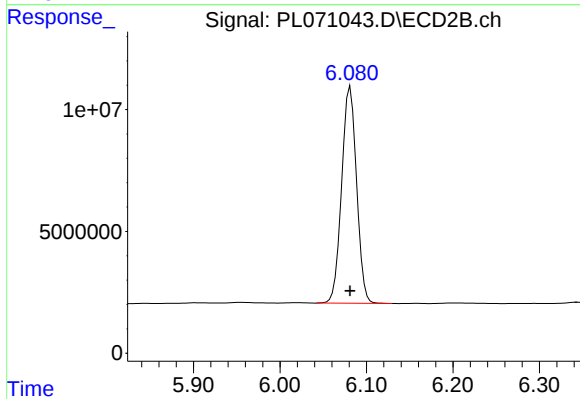
#1 Tetrachloro-m-xylene

R.T.: 5.501 min
Delta R.T.: 0.000 min
Response: 28676413
Conc: 22.74 ng/ml



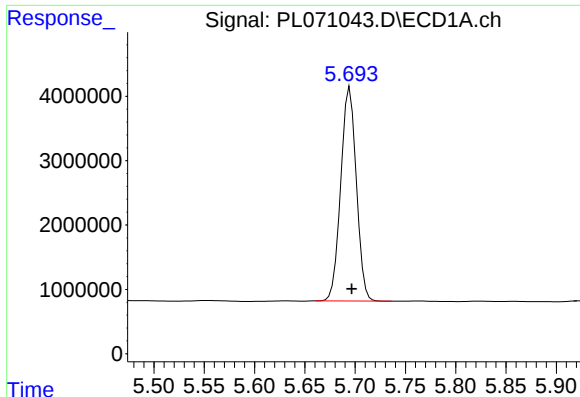
#2 alpha-BHC

R.T.: 5.272 min
Delta R.T.: 0.000 min
Response: 36325689
Conc: 54.27 ng/ml



#2 alpha-BHC

R.T.: 6.081 min
Delta R.T.: 0.000 min
Response: 105943529
Conc: 57.55 ng/ml



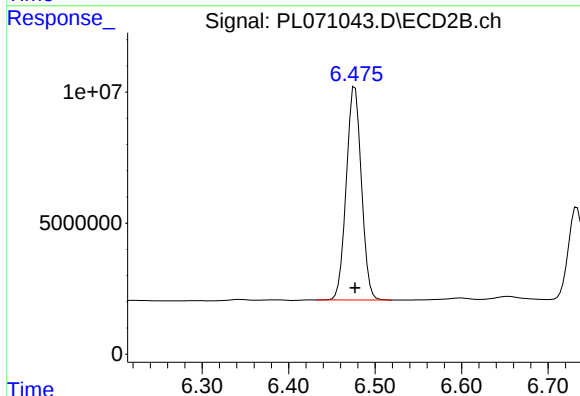
#3 gamma-BHC (Lindane)

R.T.: 5.695 min
Delta R.T.: -0.002 min
Response: 35732135
Conc: 53.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

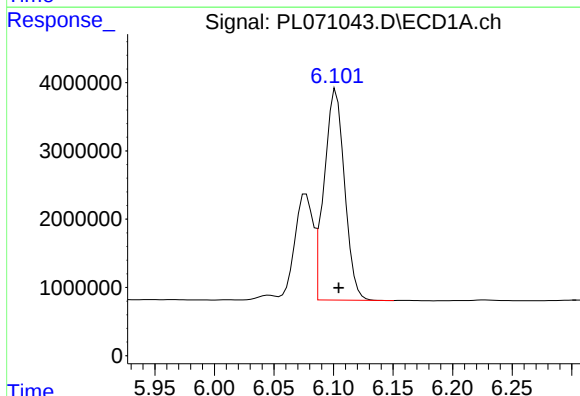
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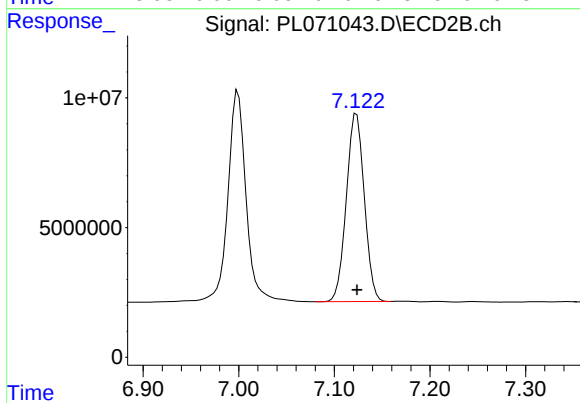
#3 gamma-BHC (Lindane)

R.T.: 6.477 min
Delta R.T.: 0.000 min
Response: 98632450
Conc: 56.88 ng/ml



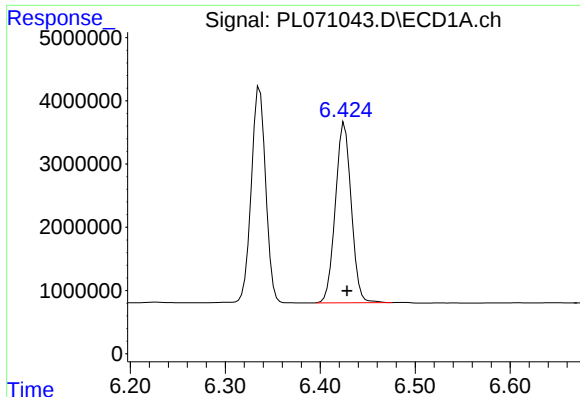
#4 Heptachlor

R.T.: 6.102 min
Delta R.T.: -0.002 min
Response: 36739083
Conc: 51.20 ng/ml



#4 Heptachlor

R.T.: 7.123 min
Delta R.T.: 0.000 min
Response: 95015704
Conc: 58.50 ng/ml



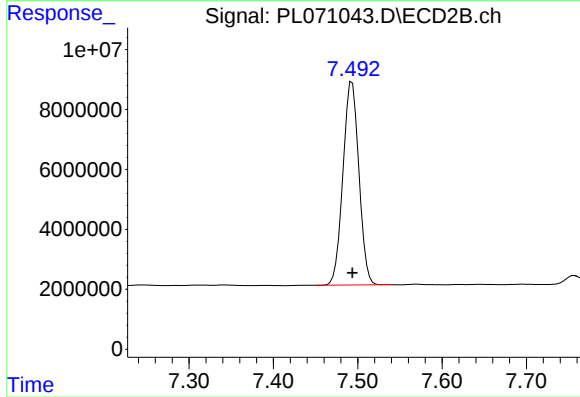
#5 Aldrin

R.T.: 6.426 min
Delta R.T.: -0.003 min
Response: 33144737
Conc: 51.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

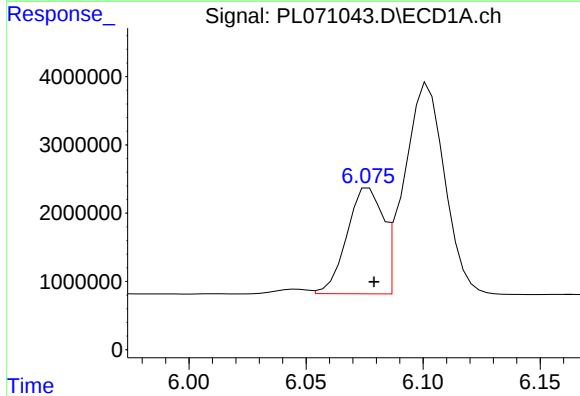
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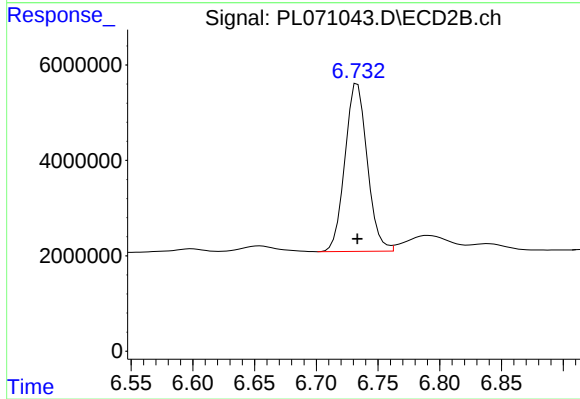
#5 Aldrin

R.T.: 7.493 min
Delta R.T.: 0.000 min
Response: 89161750
Conc: 54.91 ng/ml



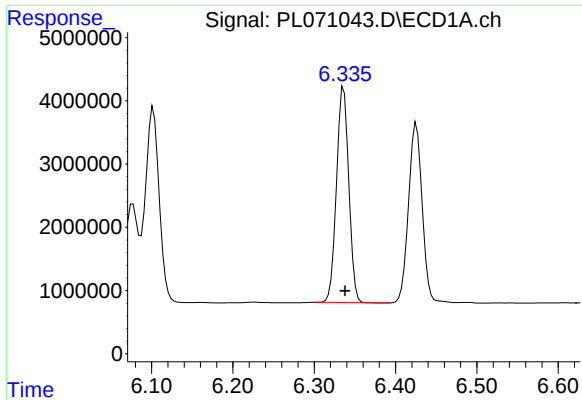
#6 beta-BHC

R.T.: 6.077 min
Delta R.T.: -0.002 min
Response: 16451595
Conc: 50.65 ng/ml



#6 beta-BHC

R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 44260577
Conc: 51.66 ng/ml



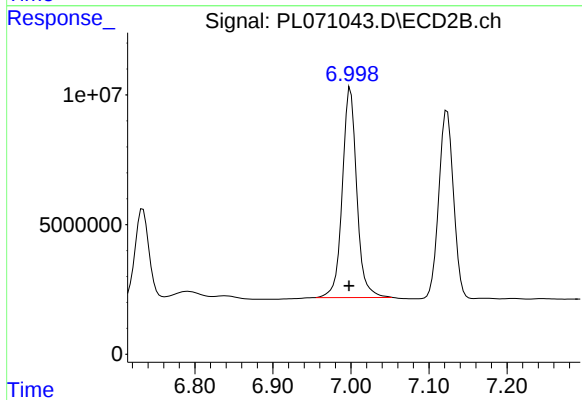
#7 delta-BHC

R.T.: 6.336 min
Delta R.T.: -0.002 min
Response: 35706798
Conc: 53.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

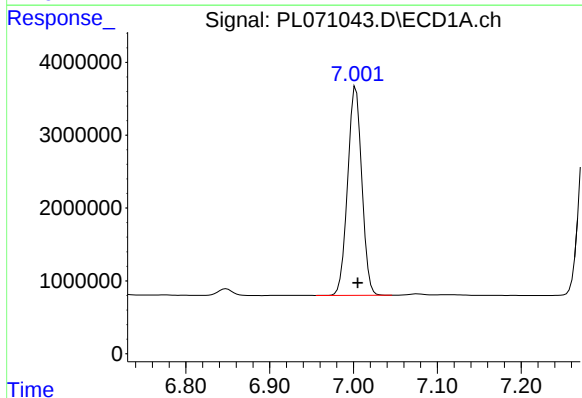
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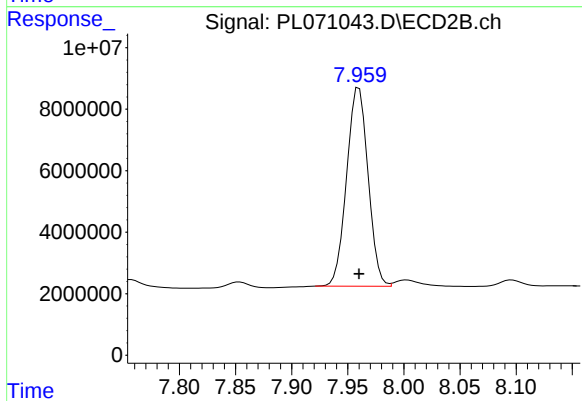
#7 delta-BHC

R.T.: 6.998 min
Delta R.T.: 0.000 min
Response: 103942008
Conc: 62.16 ng/ml m



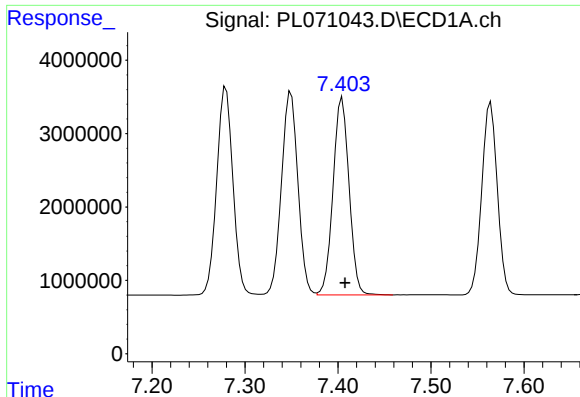
#8 Heptachlor epoxide

R.T.: 7.003 min
Delta R.T.: -0.002 min
Response: 33762747
Conc: 51.93 ng/ml



#8 Heptachlor epoxide

R.T.: 7.960 min
Delta R.T.: 0.000 min
Response: 85913825
Conc: 56.37 ng/ml



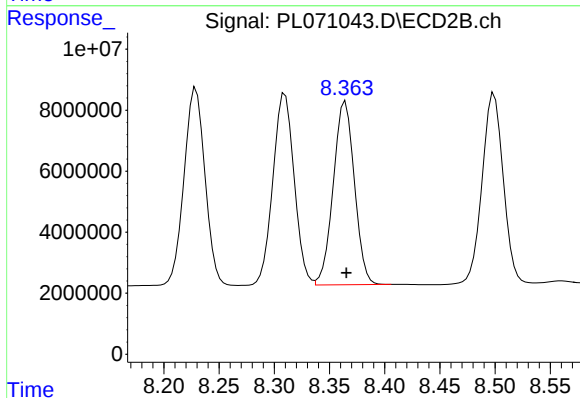
#9 Endosulfan I

R.T.: 7.405 min
Delta R.T.: -0.003 min
Response: 32242000
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

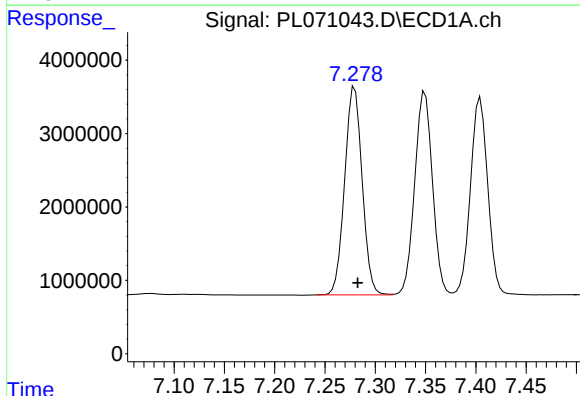
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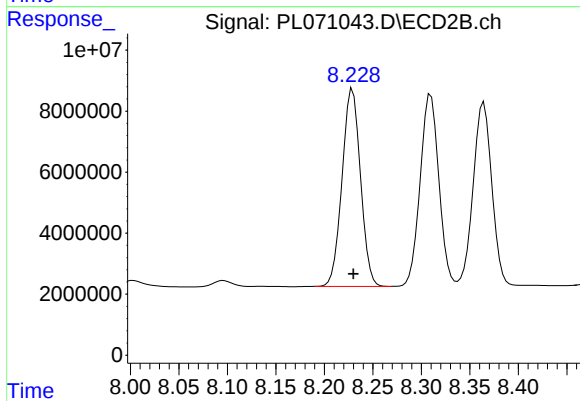
#9 Endosulfan I

R.T.: 8.364 min
Delta R.T.: 0.000 min
Response: 80177854
Conc: 55.73 ng/ml



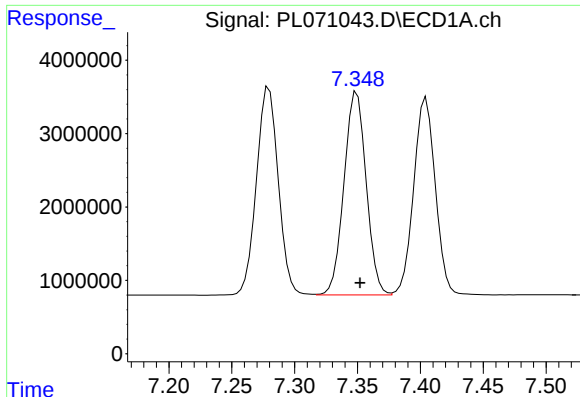
#10 gamma-Chlordane

R.T.: 7.280 min
Delta R.T.: -0.003 min
Response: 34254374
Conc: 51.60 ng/ml



#10 gamma-Chlordane

R.T.: 8.229 min
Delta R.T.: 0.000 min
Response: 85509255
Conc: 55.23 ng/ml



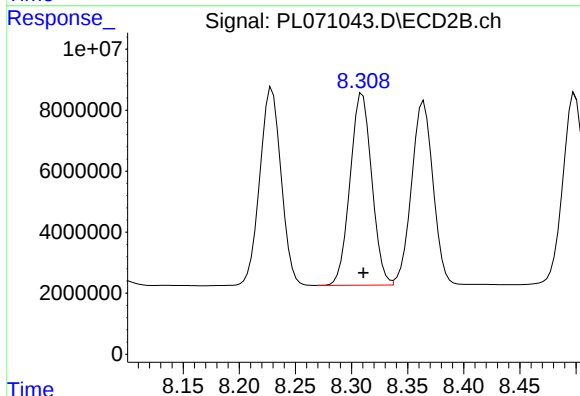
#11 alpha-Chlordane

R.T.: 7.349 min
Delta R.T.: -0.002 min
Response: 34006704
Conc: 51.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

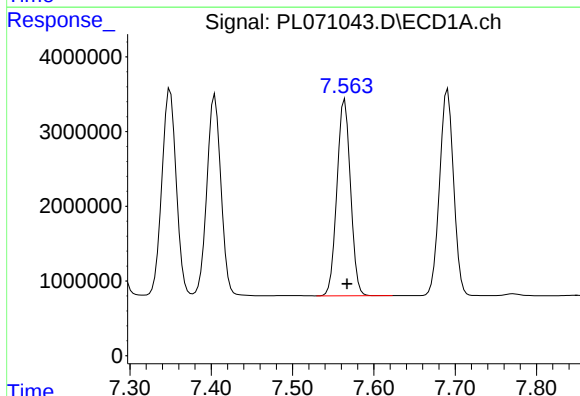
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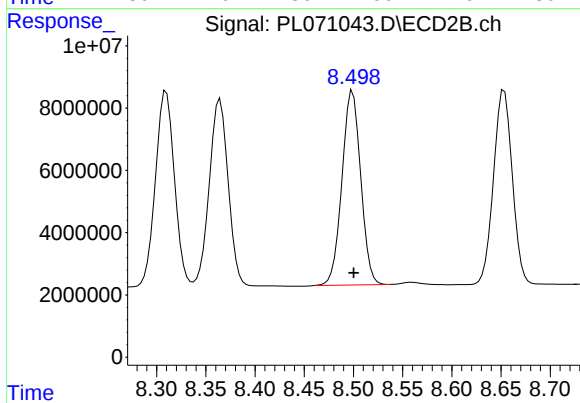
#11 alpha-Chlordane

R.T.: 8.310 min
Delta R.T.: -0.001 min
Response: 84404323
Conc: 55.49 ng/ml



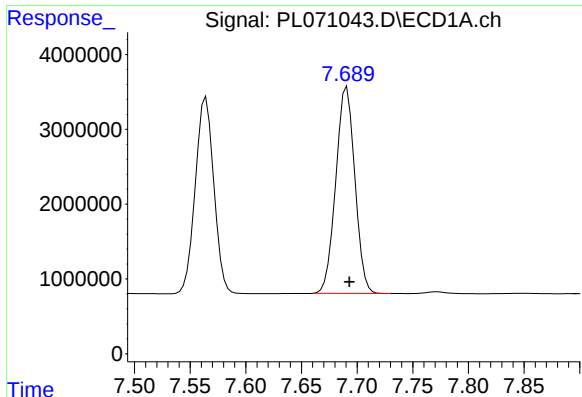
#12 4,4'-DDE

R.T.: 7.564 min
Delta R.T.: -0.003 min
Response: 30464562
Conc: 52.29 ng/ml



#12 4,4'-DDE

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 82747620
Conc: 56.08 ng/ml



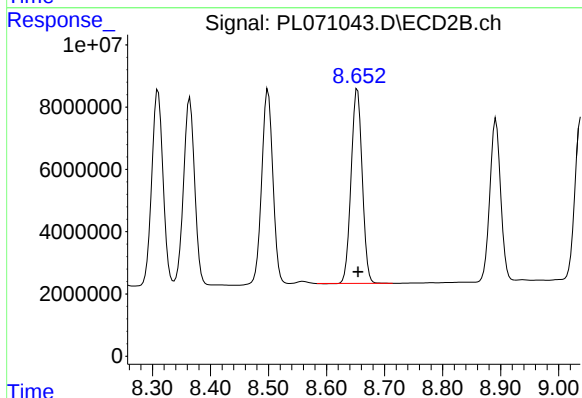
#13 Dieldrin

R.T.: 7.691 min
Delta R.T.: -0.002 min
Response: 32846173
Conc: 52.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

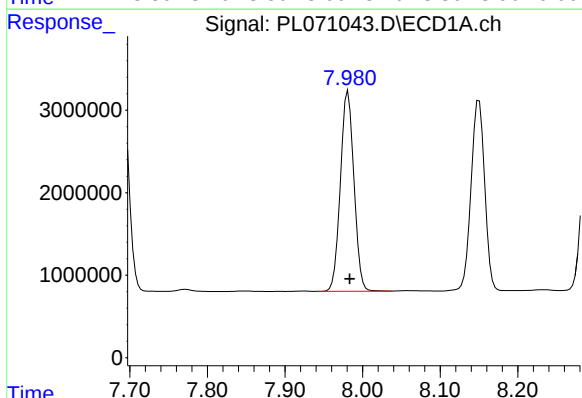
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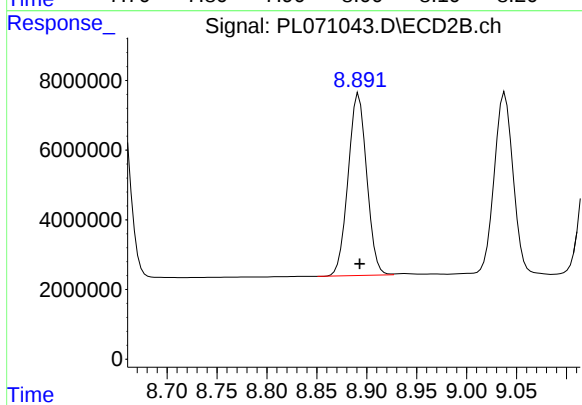
#13 Dieldrin

R.T.: 8.653 min
Delta R.T.: -0.001 min
Response: 82888766
Conc: 56.89 ng/ml



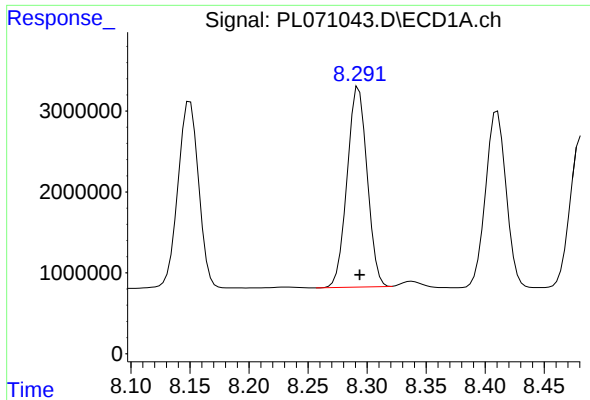
#14 Endrin

R.T.: 7.981 min
Delta R.T.: -0.002 min
Response: 29470678
Conc: 51.98 ng/ml



#14 Endrin

R.T.: 8.892 min
Delta R.T.: 0.000 min
Response: 67651772
Conc: 58.41 ng/ml



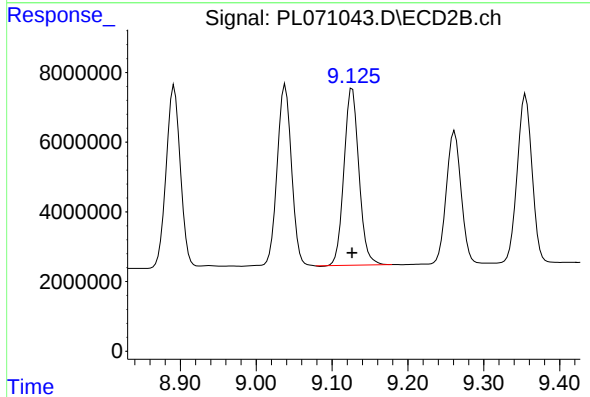
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.000 min
Response: 29243691
Conc: 48.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
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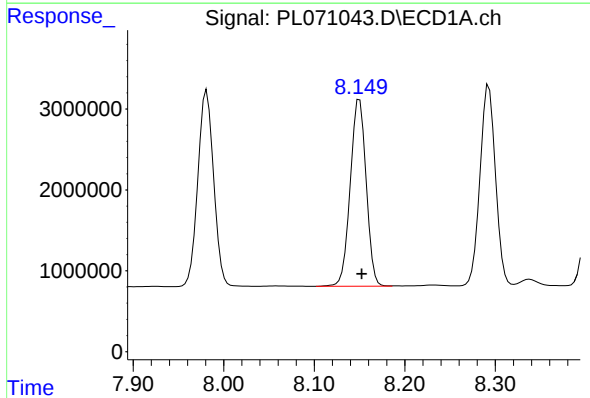
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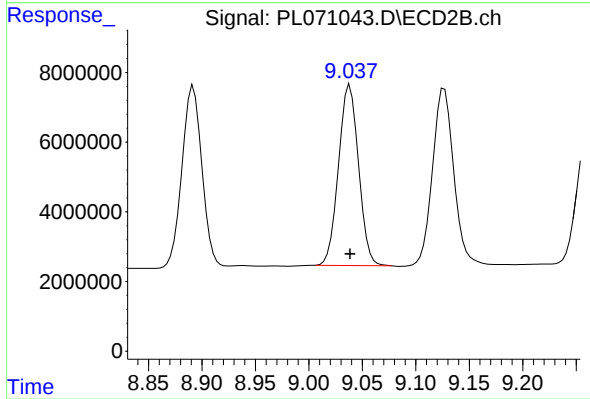
#15 Endosulfan II

R.T.: 9.127 min
Delta R.T.: 0.000 min
Response: 69705280
Conc: 57.07 ng/ml



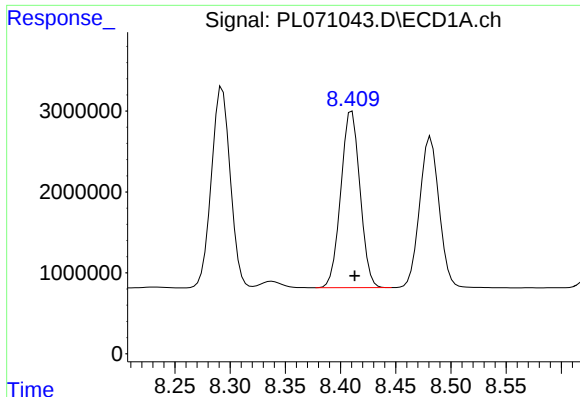
#16 4,4'-DDD

R.T.: 8.150 min
Delta R.T.: -0.002 min
Response: 28233128
Conc: 55.57 ng/ml



#16 4,4'-DDD

R.T.: 9.038 min
Delta R.T.: 0.000 min
Response: 67674597
Conc: 56.23 ng/ml



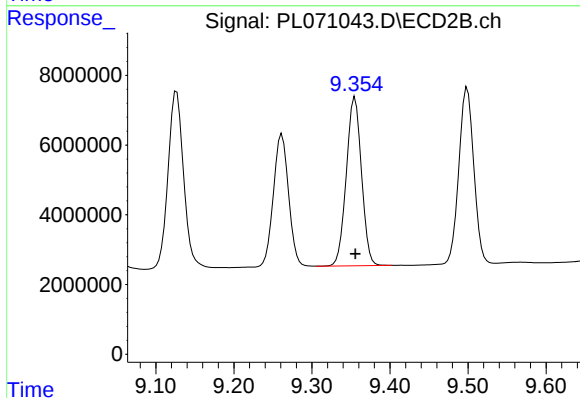
#17 4,4'-DDT

R.T.: 8.410 min
Delta R.T.: -0.003 min
Response: 26401630
Conc: 48.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

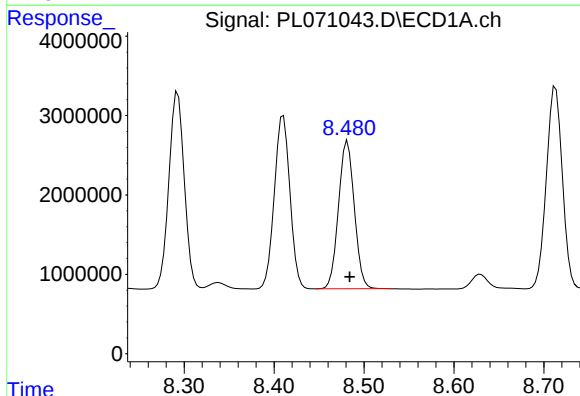
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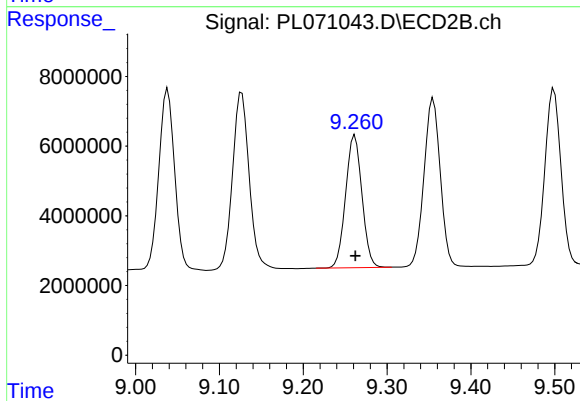
#17 4,4'-DDT

R.T.: 9.355 min
Delta R.T.: 0.000 min
Response: 65420106
Conc: 51.86 ng/ml



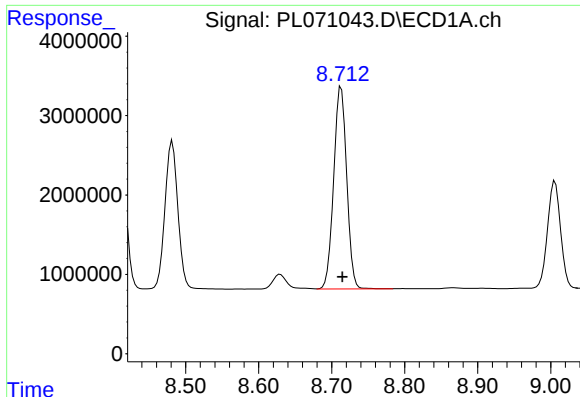
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: -0.002 min
Response: 22782846
Conc: 50.15 ng/ml



#18 Endrin aldehyde

R.T.: 9.262 min
Delta R.T.: 0.000 min
Response: 51589897
Conc: 53.35 ng/ml



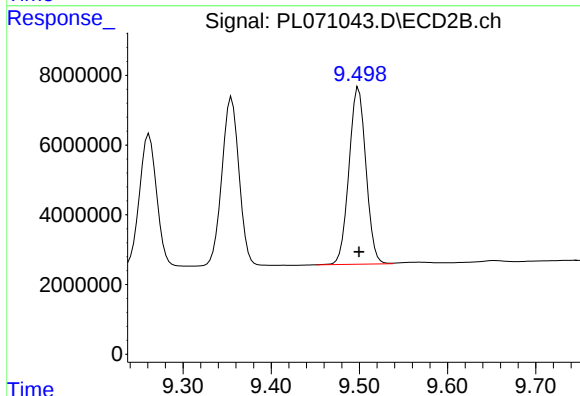
#19 Endosulfan Sulfate

R.T.: 8.713 min
Delta R.T.: -0.002 min
Response: 31560403
Conc: 51.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

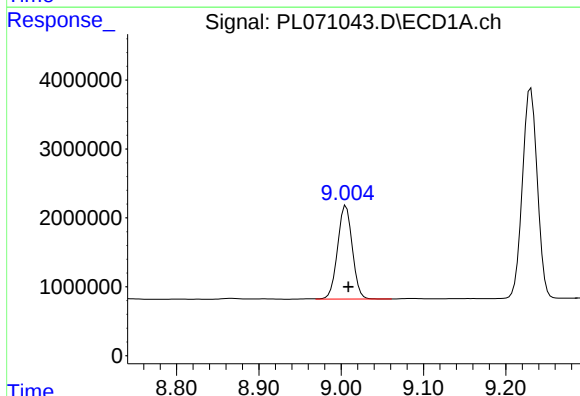
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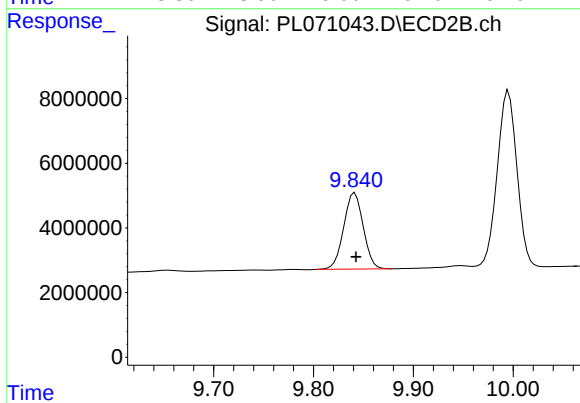
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: 0.000 min
Response: 67651108
Conc: 54.58 ng/ml



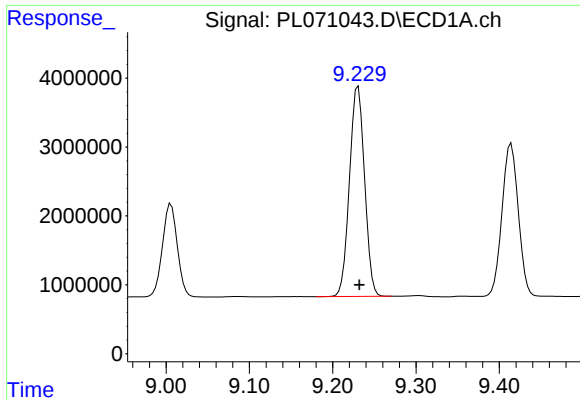
#20 Methoxychlor

R.T.: 9.006 min
Delta R.T.: -0.003 min
Response: 16856703
Conc: 46.08 ng/ml



#20 Methoxychlor

R.T.: 9.841 min
Delta R.T.: -0.001 min
Response: 32073451
Conc: 47.39 ng/ml



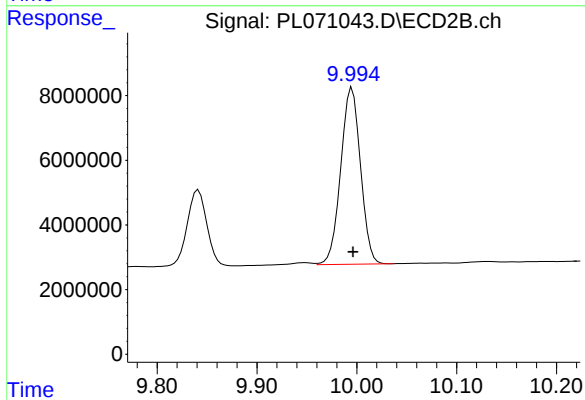
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: -0.002 min
Response: 38355200
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

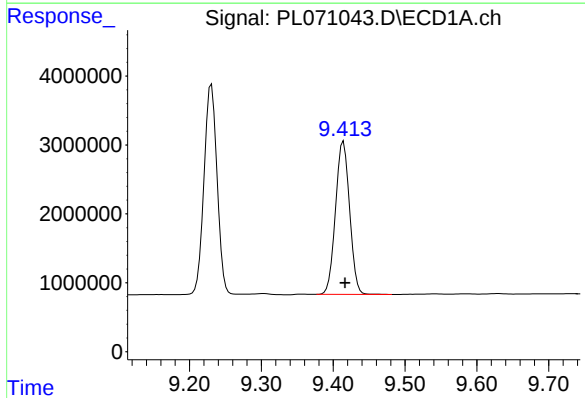
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 11/18/2021
Supervised By :mohammad ahmed 11/18/2021



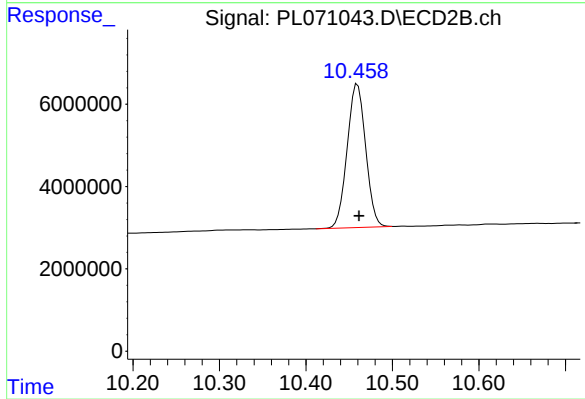
#21 Endrin ketone

R.T.: 9.995 min
Delta R.T.: 0.000 min
Response: 75109835
Conc: 52.32 ng/ml



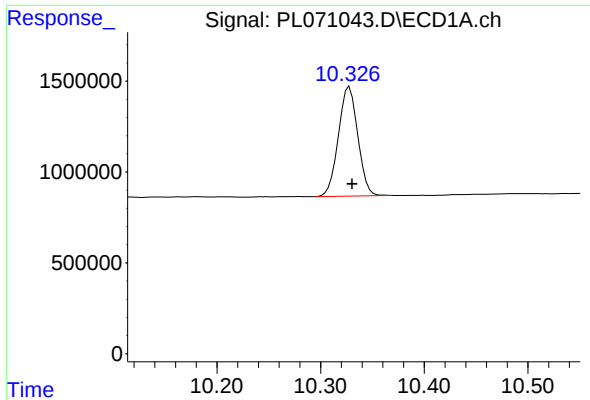
#22 Mirex

R.T.: 9.414 min
Delta R.T.: -0.002 min
Response: 30248575
Conc: 49.25 ng/ml



#22 Mirex

R.T.: 10.460 min
Delta R.T.: -0.002 min
Response: 51736374
Conc: 49.67 ng/ml



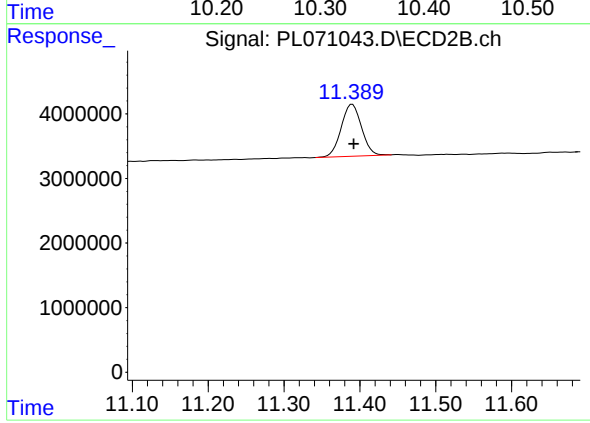
#28 Decachlorobiphenyl

R.T.: 10.328 min
Delta R.T.: -0.003 min
Response: 7843060
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
UT-COMP-01MS

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#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.002 min
Response: 14960418
Conc: 11.19 ng/ml