

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
 Data File : PL083412.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Jun 2023 19:46
 Operator : AR\AJ
 Sample : 03166-01MS
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TEST-PIT-6-12-23MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 06/14/2023
 Supervised By :Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 13 21:38:32 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
 Quant Title : GC Extractables
 QLast Update : Sat May 20 04:58:53 2023
 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...	3.313	2.632	59380508	50795617	20.204	19.566
28)	SA Decachlor...	8.728	7.732	36116292	40279289	17.220	16.199
Target Compounds							
2)	A alpha-BHC	3.762	3.127	176.6E6	146.6E6	39.772	39.295
3)	MA gamma-BHC...	4.090	3.451	161.6E6	134.1E6	39.000	40.239m
4)	MA Heptachlor	4.667	3.783	119.5E6	111.1E6	31.272	30.347
5)	MB Aldrin	5.004	4.059	161.1E6	141.1E6	45.780	43.352
6)	B beta-BHC	4.294	3.754	77404186	61151777	41.113	42.761
7)	B delta-BHC	4.535	3.978	104.7E6	86489956	30.443	26.397
8)	B Heptachlo...	5.430	4.558	142.9E6	131.7E6	44.659	44.391m
9)	A Endosulfan I	5.810	4.926	128.8E6	111.3E6	42.916	39.826
10)	B gamma-Chl...	5.684	4.808	160.3E6	138.4E6	50.452	46.076
11)	B alpha-Chl...	5.762	4.870	146.5E6	132.0E6	45.662	43.972
12)	B 4,4'-DDE	5.941	5.059	127.6E6	115.0E6	46.289	47.351m
13)	MA Dieldrin	6.085	5.188	136.0E6	126.1E6	45.231	44.663m
14)	MA Endrin	6.312	5.462	118.1E6	110.9E6	43.962	43.724m
15)	B Endosulfa...	6.535	5.760	103.3E6	100.1E6	38.033	40.456m
16)	A 4,4'-DDD	6.457	5.614	103.2E6	89031609	47.504	46.293m
17)	MA 4,4'-DDT	6.768	5.861	70569849	57605530	28.192	25.820m
18)	B Endrin al...	6.665	5.940	37873208	34666389	18.836	17.531
19)	B Endosulfa...	6.899	6.163	106.6E6	91537423	41.594	37.378
20)	A Methoxychlor	7.248	6.441	31058334	32843415	23.487m	25.825
21)	B Endrin ke...	7.379	6.665	88220380	85541972	34.585	31.637m
22)	Mirex	7.843	6.835	93932441	98376574	44.814	42.044m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061323\
Data File : PL083412.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Jun 2023 19:46
Operator : AR\AJ
Sample : 03166-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

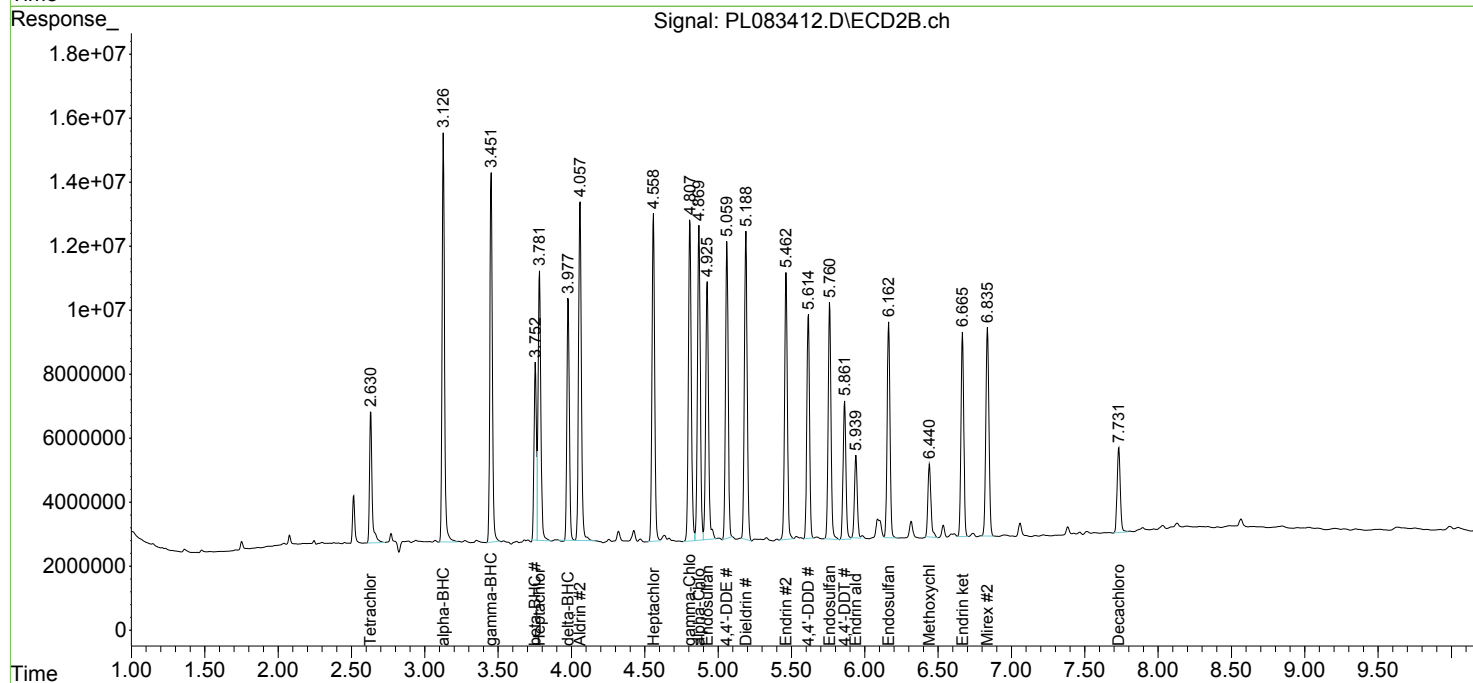
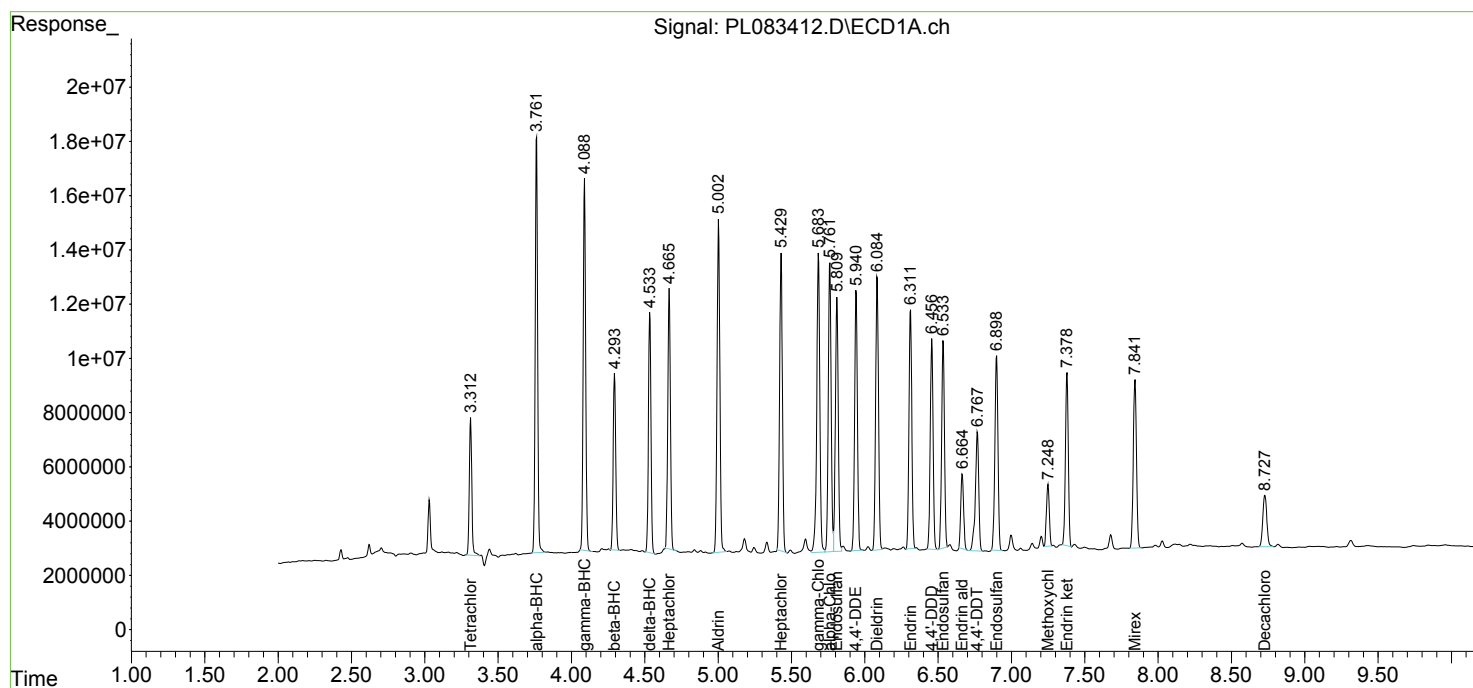
Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

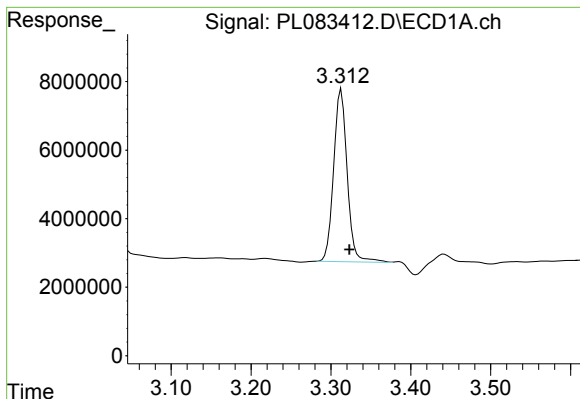
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 06/14/2023
Supervised By : Ankita Jodhani 06/14/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jun 13 21:38:32 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051923.M
Quant Title : GC Extractables
QLast Update : Sat May 20 04:58:53 2023
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





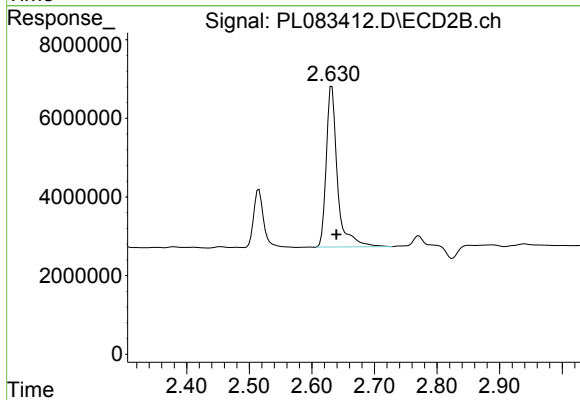
#1 Tetrachloro-m-xylene

R.T.: 3.313 min
Delta R.T.: -0.010 min
Response: 59380508
Conc: 20.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

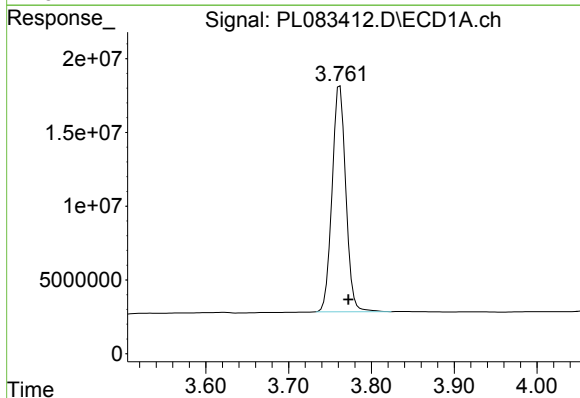
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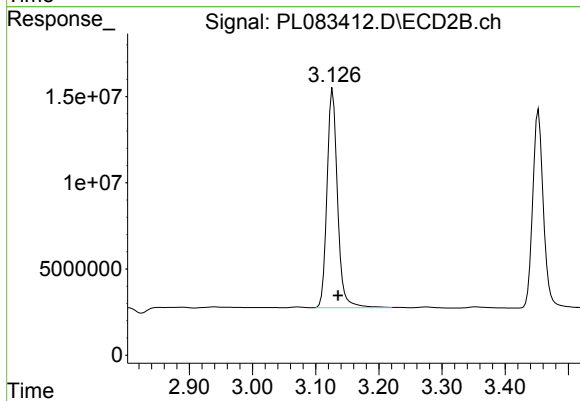
#1 Tetrachloro-m-xylene

R.T.: 2.632 min
Delta R.T.: -0.007 min
Response: 50795617
Conc: 19.57 ng/ml



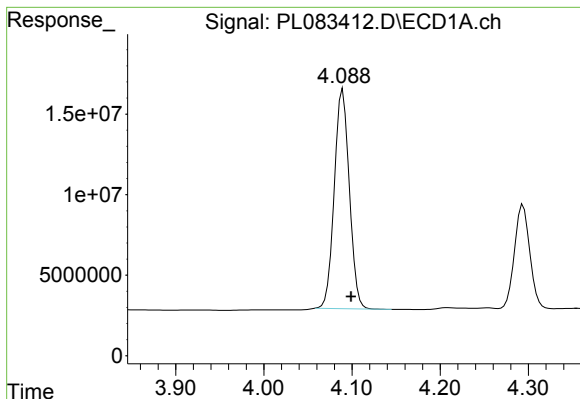
#2 alpha-BHC

R.T.: 3.762 min
Delta R.T.: -0.010 min
Response: 176558777
Conc: 39.77 ng/ml



#2 alpha-BHC

R.T.: 3.127 min
Delta R.T.: -0.008 min
Response: 146626460
Conc: 39.29 ng/ml



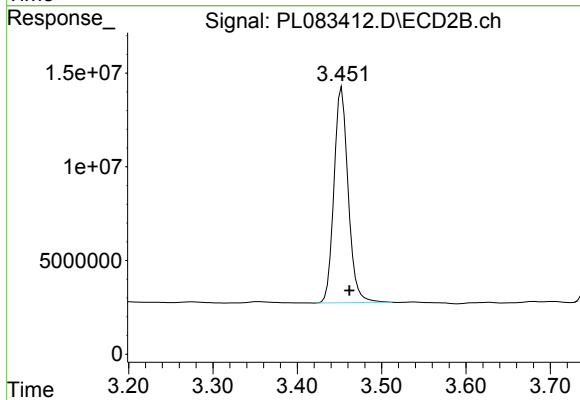
#3 gamma-BHC (Lindane)

R.T.: 4.090 min
Delta R.T.: -0.009 min
Response: 161572717
Conc: 39.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

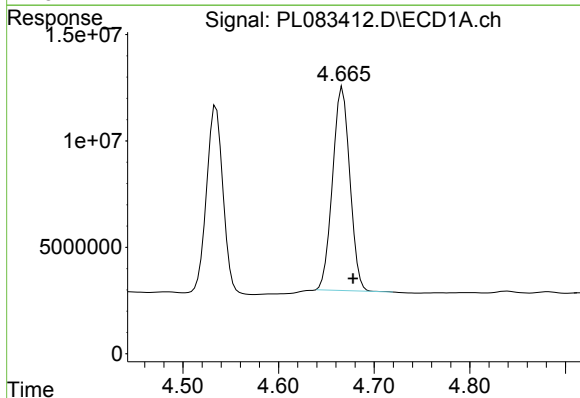
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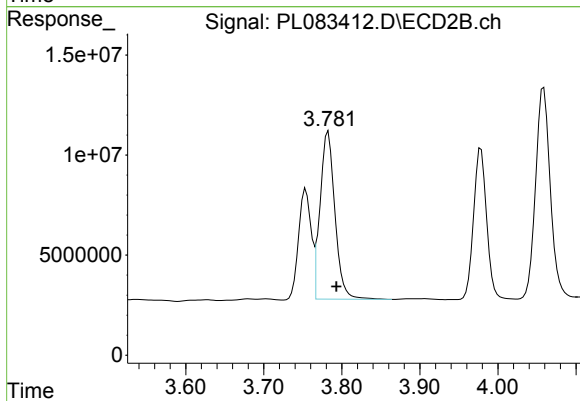
#3 gamma-BHC (Lindane)

R.T.: 3.451 min
Delta R.T.: -0.010 min
Response: 134127774
Conc: 40.24 ng/ml m



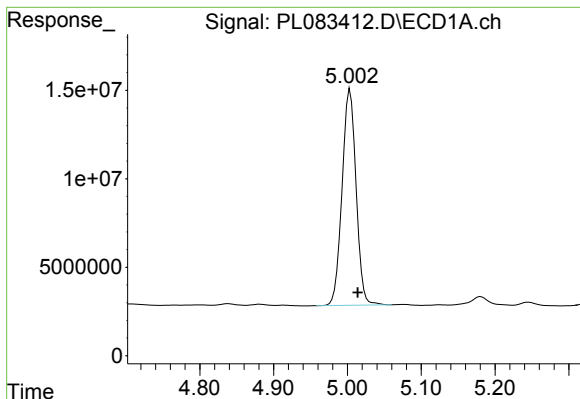
#4 Heptachlor

R.T.: 4.667 min
Delta R.T.: -0.011 min
Response: 119535520
Conc: 31.27 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.011 min
Response: 111103662
Conc: 30.35 ng/ml



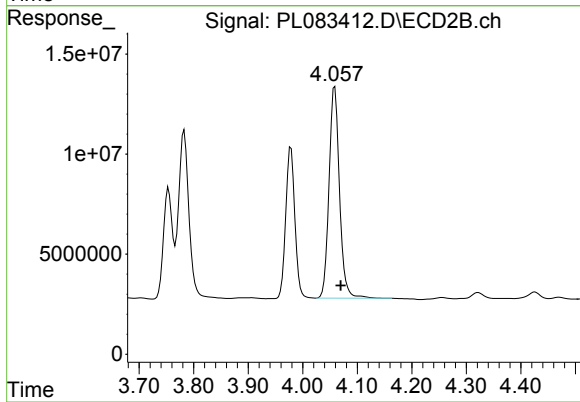
#5 Aldrin

R.T.: 5.004 min
Delta R.T.: -0.010 min
Response: 161058696
Conc: 45.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

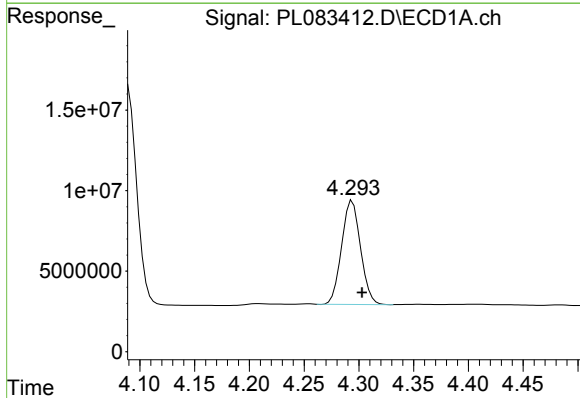
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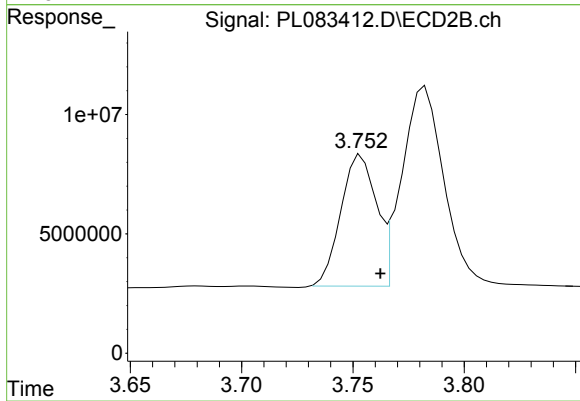
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.011 min
Response: 141051045
Conc: 43.35 ng/ml



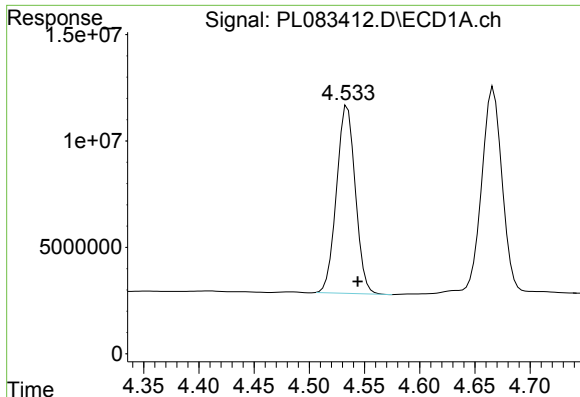
#6 beta-BHC

R.T.: 4.294 min
Delta R.T.: -0.009 min
Response: 77404186
Conc: 41.11 ng/ml



#6 beta-BHC

R.T.: 3.754 min
Delta R.T.: -0.008 min
Response: 61151777
Conc: 42.76 ng/ml



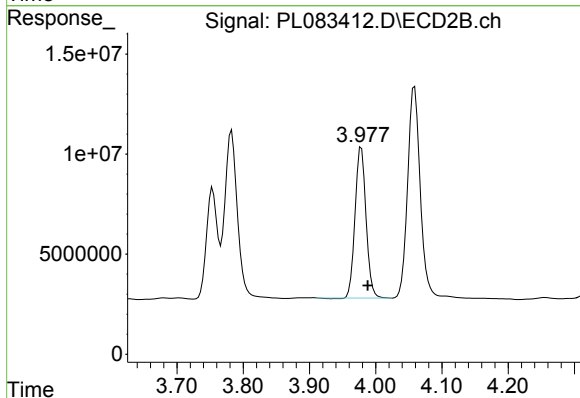
#7 delta-BHC

R.T.: 4.535 min
Delta R.T.: -0.009 min
Response: 104690802
Conc: 30.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

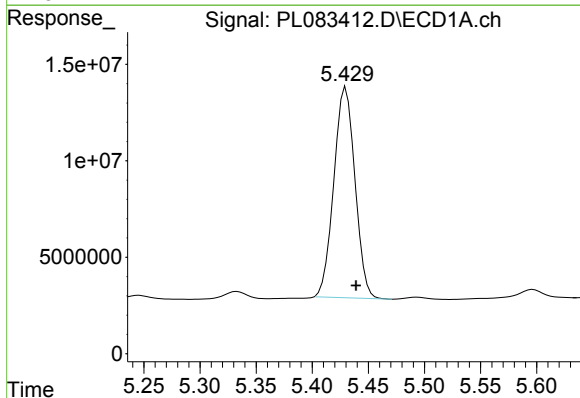
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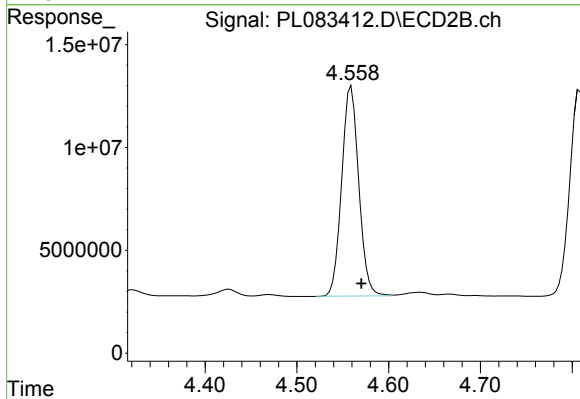
#7 delta-BHC

R.T.: 3.978 min
Delta R.T.: -0.010 min
Response: 86489956
Conc: 26.40 ng/ml



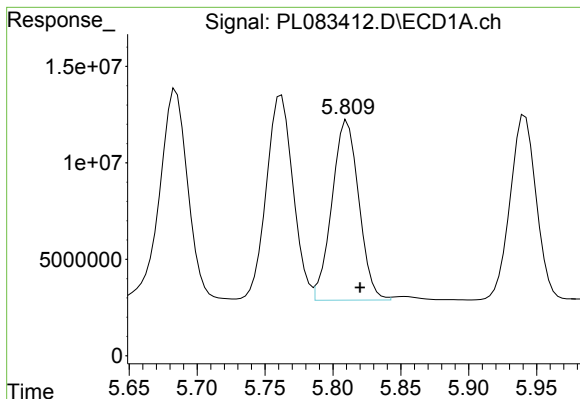
#8 Heptachlor epoxide

R.T.: 5.430 min
Delta R.T.: -0.009 min
Response: 142850115
Conc: 44.66 ng/ml



#8 Heptachlor epoxide

R.T.: 4.558 min
Delta R.T.: -0.012 min
Response: 131748409
Conc: 44.39 ng/ml m



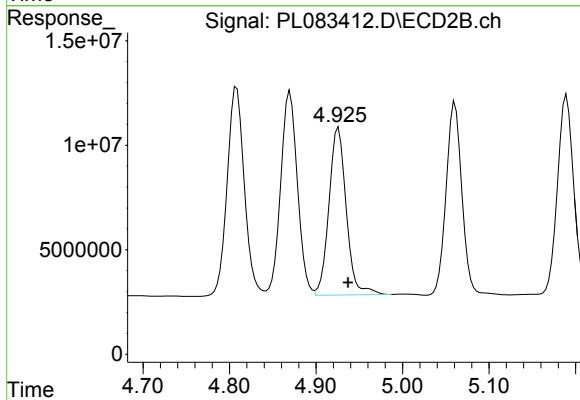
#9 Endosulfan I

R.T.: 5.810 min
Delta R.T.: -0.010 min
Response: 128774009
Conc: 42.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

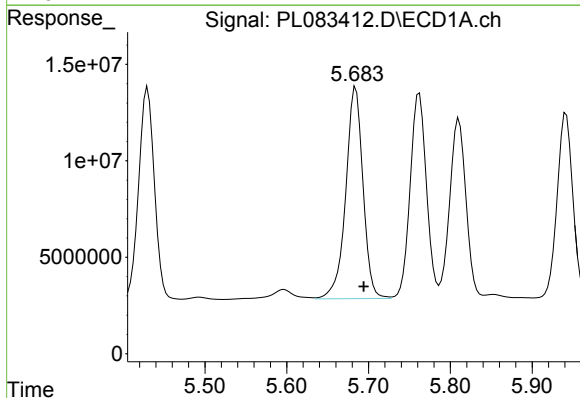
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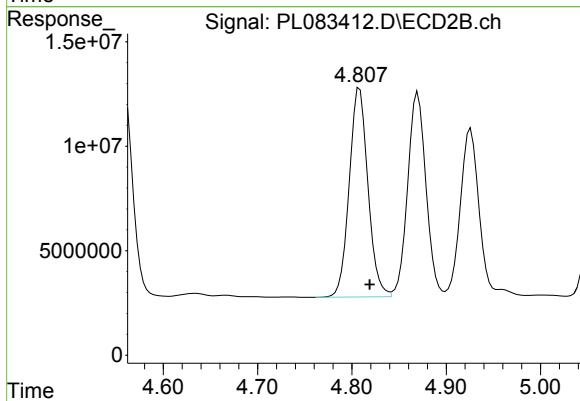
#9 Endosulfan I

R.T.: 4.926 min
Delta R.T.: -0.011 min
Response: 111288969
Conc: 39.83 ng/ml



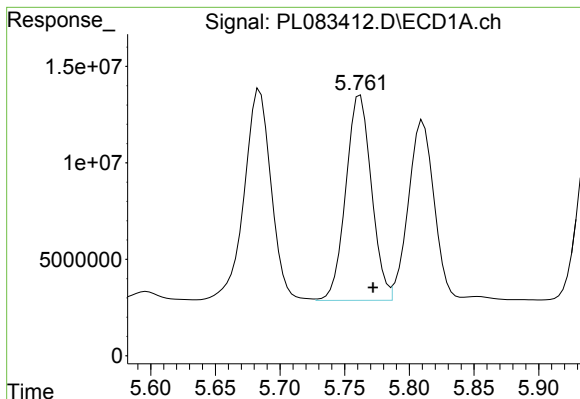
#10 gamma-Chlordane

R.T.: 5.684 min
Delta R.T.: -0.010 min
Response: 160285376
Conc: 50.45 ng/ml



#10 gamma-Chlordane

R.T.: 4.808 min
Delta R.T.: -0.011 min
Response: 138383631
Conc: 46.08 ng/ml



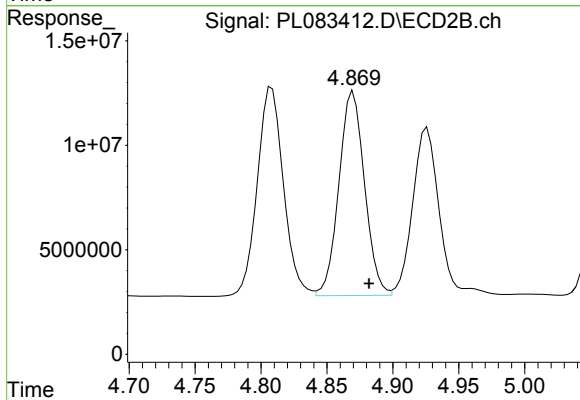
#11 alpha-Chlordane

R.T.: 5.762 min
Delta R.T.: -0.010 min
Response: 146544827
Conc: 45.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

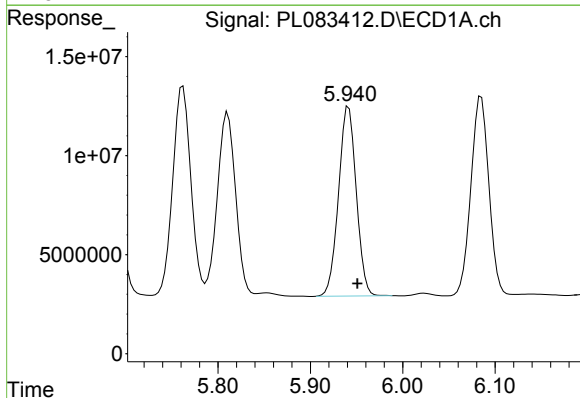
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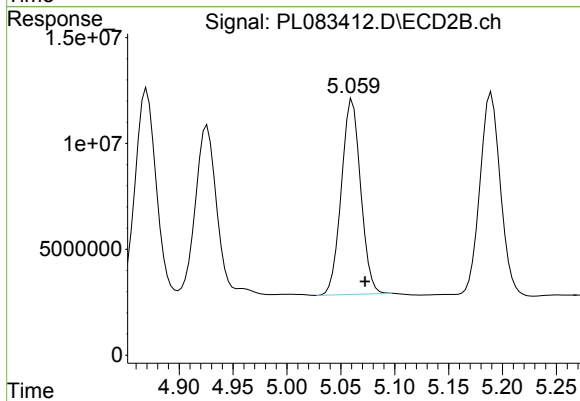
#11 alpha-Chlordane

R.T.: 4.870 min
Delta R.T.: -0.012 min
Response: 132003870
Conc: 43.97 ng/ml



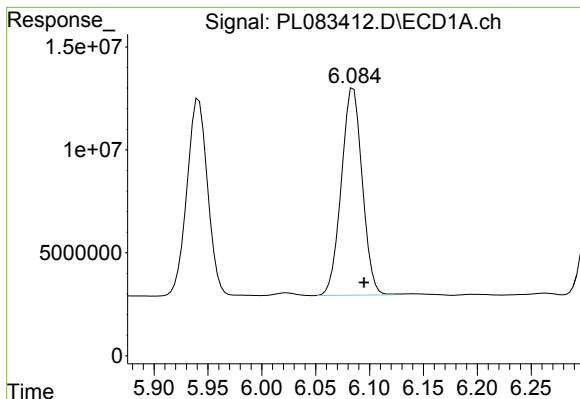
#12 4,4'-DDE

R.T.: 5.941 min
Delta R.T.: -0.010 min
Response: 127595033
Conc: 46.29 ng/ml



#12 4,4'-DDE

R.T.: 5.059 min
Delta R.T.: -0.013 min
Response: 115003876
Conc: 47.35 ng/ml m



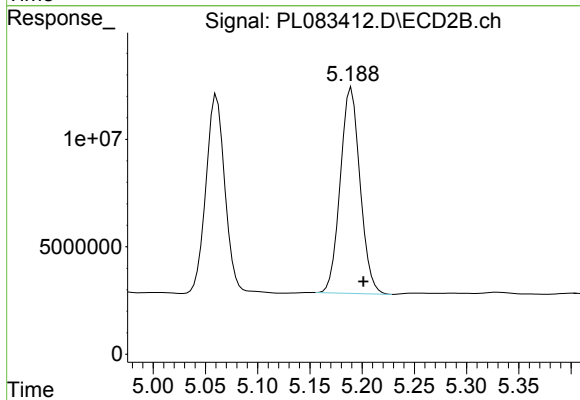
#13 Dieldrin

R.T.: 6.085 min
Delta R.T.: -0.010 min
Response: 136048855
Conc: 45.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

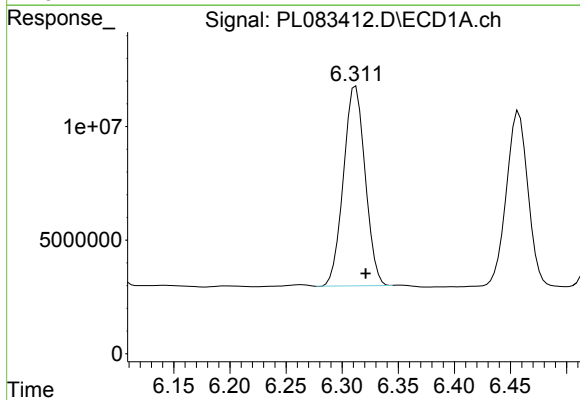
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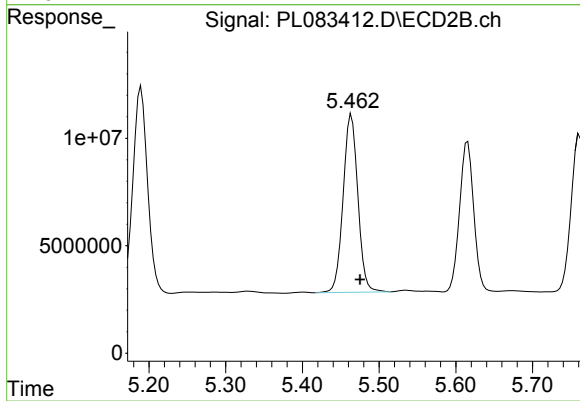
#13 Dieldrin

R.T.: 5.188 min
Delta R.T.: -0.013 min
Response: 126081200
Conc: 44.66 ng/ml m



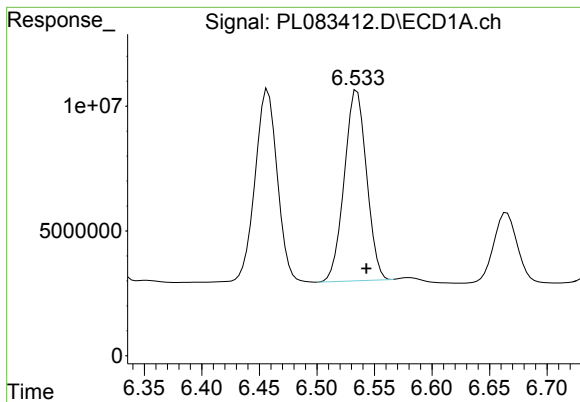
#14 Endrin

R.T.: 6.312 min
Delta R.T.: -0.009 min
Response: 118136632
Conc: 43.96 ng/ml



#14 Endrin

R.T.: 5.462 min
Delta R.T.: -0.013 min
Response: 110926788
Conc: 43.72 ng/ml m



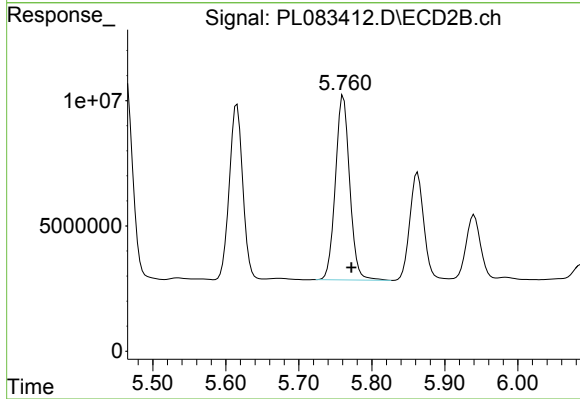
#15 Endosulfan II

R.T.: 6.535 min
Delta R.T.: -0.008 min
Response: 103272707
Conc: 38.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

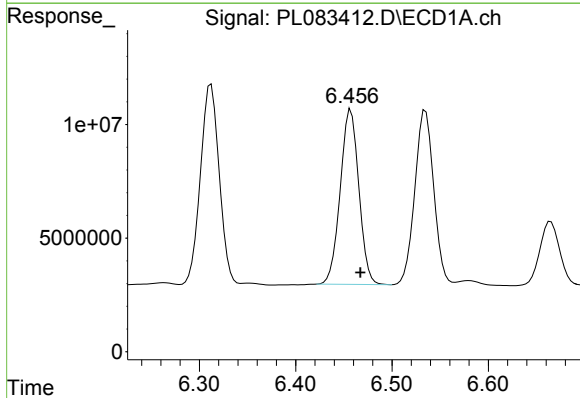
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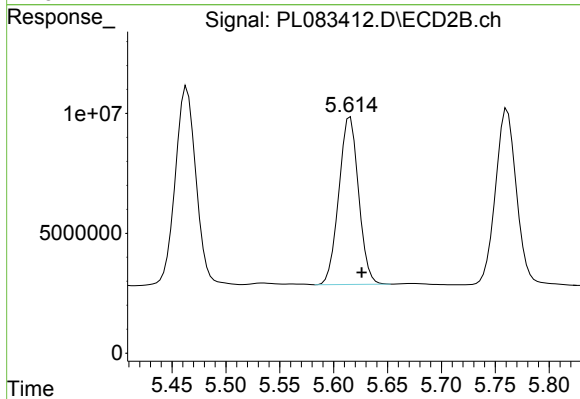
#15 Endosulfan II

R.T.: 5.760 min
Delta R.T.: -0.012 min
Response: 100096262
Conc: 40.46 ng/ml m



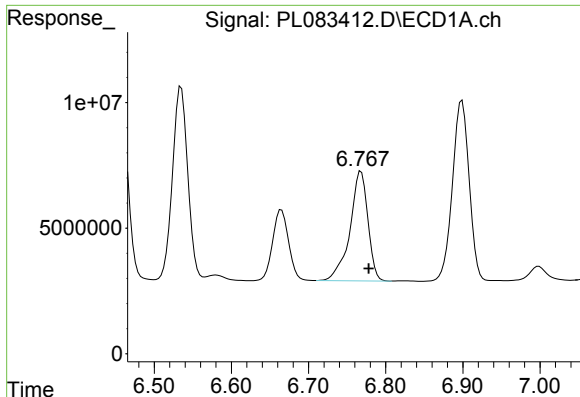
#16 4,4'-DDD

R.T.: 6.457 min
Delta R.T.: -0.010 min
Response: 103228869
Conc: 47.50 ng/ml



#16 4,4'-DDD

R.T.: 5.614 min
Delta R.T.: -0.012 min
Response: 89031609
Conc: 46.29 ng/ml m



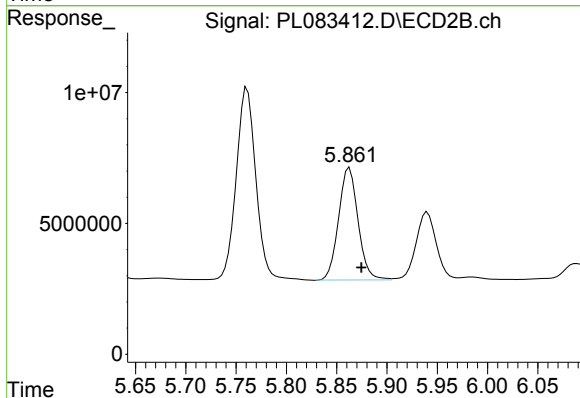
#17 4,4'-DDT

R.T.: 6.768 min
Delta R.T.: -0.010 min
Response: 70569849
Conc: 28.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

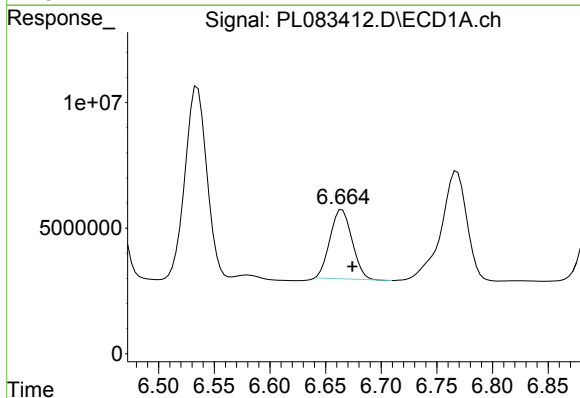
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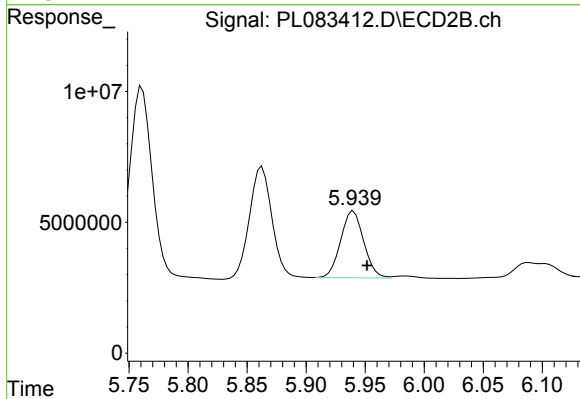
#17 4,4'-DDT

R.T.: 5.861 min
Delta R.T.: -0.013 min
Response: 57605530
Conc: 25.82 ng/ml m



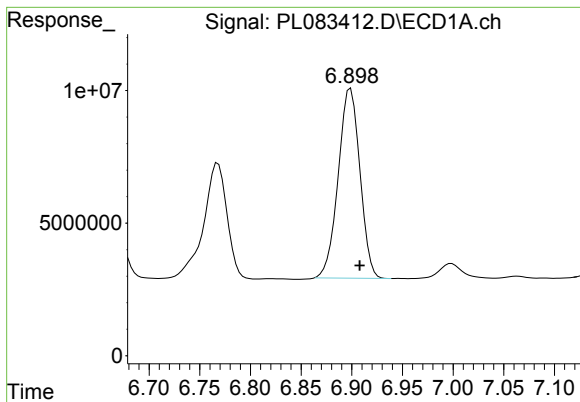
#18 Endrin aldehyde

R.T.: 6.665 min
Delta R.T.: -0.009 min
Response: 37873208
Conc: 18.84 ng/ml



#18 Endrin aldehyde

R.T.: 5.940 min
Delta R.T.: -0.012 min
Response: 34666389
Conc: 17.53 ng/ml



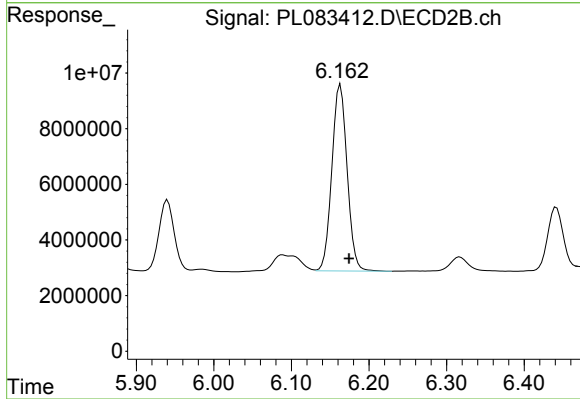
#19 Endosulfan Sulfate

R.T.: 6.899 min
Delta R.T.: -0.009 min
Response: 106635914
Conc: 41.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

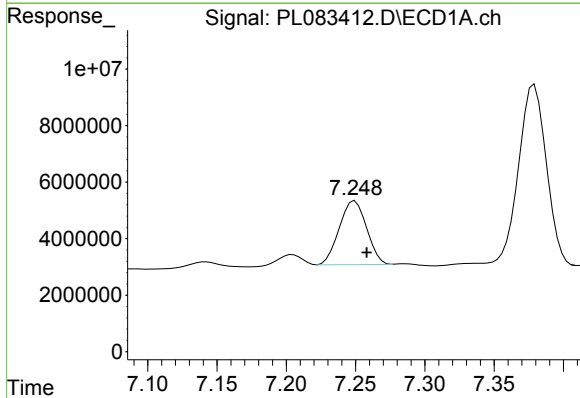
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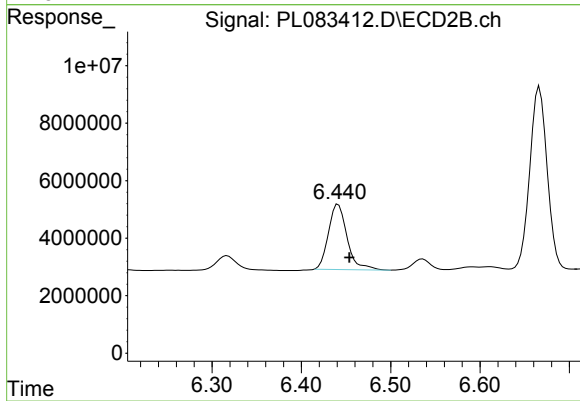
#19 Endosulfan Sulfate

R.T.: 6.163 min
Delta R.T.: -0.011 min
Response: 91537423
Conc: 37.38 ng/ml



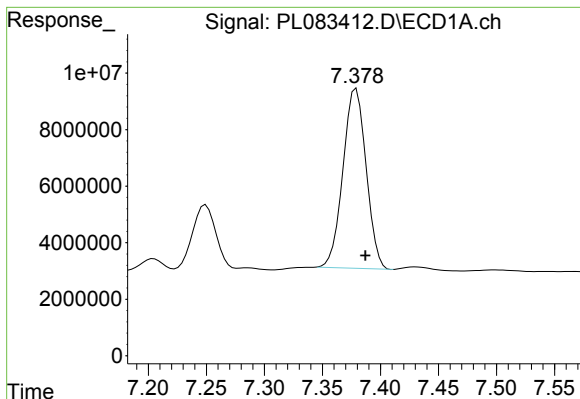
#20 Methoxychlor

R.T.: 7.248 min
Delta R.T.: -0.010 min
Response: 31058334
Conc: 23.49 ng/ml m



#20 Methoxychlor

R.T.: 6.441 min
Delta R.T.: -0.012 min
Response: 32843415
Conc: 25.83 ng/ml



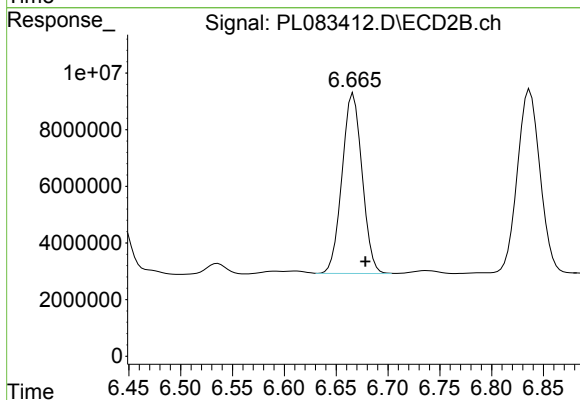
#21 Endrin ketone

R.T.: 7.379 min
Delta R.T.: -0.008 min
Response: 88220380
Conc: 34.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

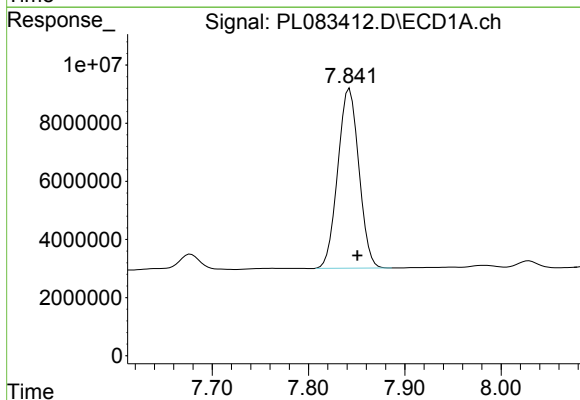
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



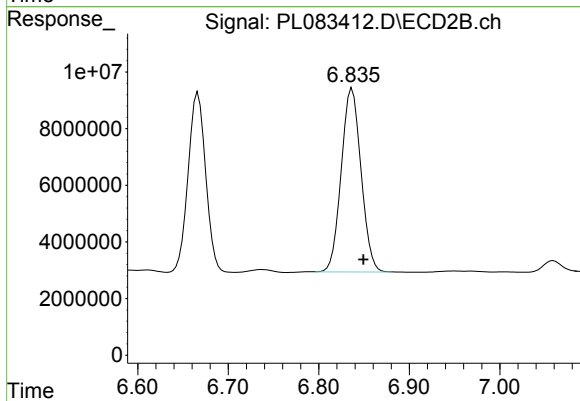
#21 Endrin ketone

R.T.: 6.665 min
Delta R.T.: -0.013 min
Response: 85541972
Conc: 31.64 ng/ml m



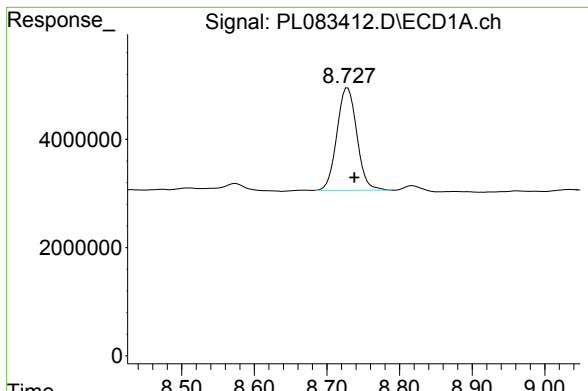
#22 Mirex

R.T.: 7.843 min
Delta R.T.: -0.008 min
Response: 93932441
Conc: 44.81 ng/ml



#22 Mirex

R.T.: 6.835 min
Delta R.T.: -0.014 min
Response: 98376574
Conc: 42.04 ng/ml m



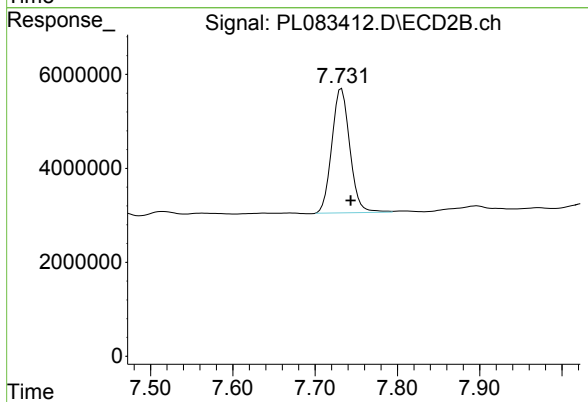
#28 Decachlorobiphenyl

R.T.: 8.728 min
Delta R.T.: -0.010 min
Response: 36116292
Conc: 17.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TEST-PIT-6-12-23MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 06/14/2023
Supervised By :Ankita Jodhani 06/14/2023



#28 Decachlorobiphenyl

R.T.: 7.732 min
Delta R.T.: -0.011 min
Response: 40279289
Conc: 16.20 ng/ml