

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100319\
 Data File : PL053048.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Oct 2019 18:12
 Operator : SG\AJ
 Sample : K5168-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20190764-SS-COMPOSITE-4MSD

Manual Integrations
 APPROVED

Ankita
 10/4/2019 2:16:19 PM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 04 00:56:24 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 30 08:44:08 2019
 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...	3.548	4.048	141.3E6	39753171	14.210	14.805
28)	SA Decachlor...	8.342	9.128	95690510	31026348	9.554	10.576
Target Compounds							
2)	A alpha-BHC	3.992	4.440	800.0E6	188.1E6	50.157	48.990
3)	MA gamma-BHC...	4.280	4.725	736.8E6	178.0E6	50.590	49.162
4)	MA Heptachlor	4.588	5.235	753.6E6	183.8E6	50.437	48.224
5)	MB Aldrin	4.840	5.540	714.2E6	169.8E6	51.922	48.983m
6)	B beta-BHC	4.529	4.894	304.2E6	81261070	48.996	51.699
7)	B delta-BHC	4.738	5.112	672.7E6	153.1E6	46.950	42.307
8)	B Heptachlo...	5.286	5.927	631.9E6	153.2E6	48.489	45.703
9)	A Endosulfan I	5.629	6.284	563.6E6	143.8E6	46.440	45.990
10)	B gamma-Chl...	5.516	6.161	631.0E6	153.8E6	46.925	45.448
11)	B alpha-Chl...	5.574	6.234	608.7E6	153.6E6	46.151	45.635
12)	B 4,4'-DDE	5.738	6.390	568.0E6	153.4E6	48.935	46.971
13)	MA Dieldrin	5.873	6.541	615.7E6	150.3E6	47.702	46.083
14)	MA Endrin	6.133	6.759	544.2E6	125.7E6	47.772	45.259
15)	B Endosulfa...	6.405	6.967	501.0E6	128.8E6	43.717	43.422
16)	A 4,4'-DDD	6.255	6.879	435.6E6	113.8E6	48.467	46.414
17)	MA 4,4'-DDT	6.498	7.178	477.7E6	121.6E6	46.775	46.725
18)	B Endrin al...	6.573	7.091	407.1E6	106.2E6	43.356	43.320
19)	B Endosulfa...	6.787	7.313	473.0E6	125.3E6	45.441	45.903
20)	A Methoxychlor	7.045	7.634	231.5E6	64807146	44.880	46.030
21)	B Endrin ke...	7.282	7.785	495.3E6	131.5E6	42.500	46.091
22)	Mirex	7.477	8.240	377.9E6	97379543	40.021	43.294

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL100319\
Data File : PL053048.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Oct 2019 18:12
Operator : SG\AJ
Sample : K5168-02MSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

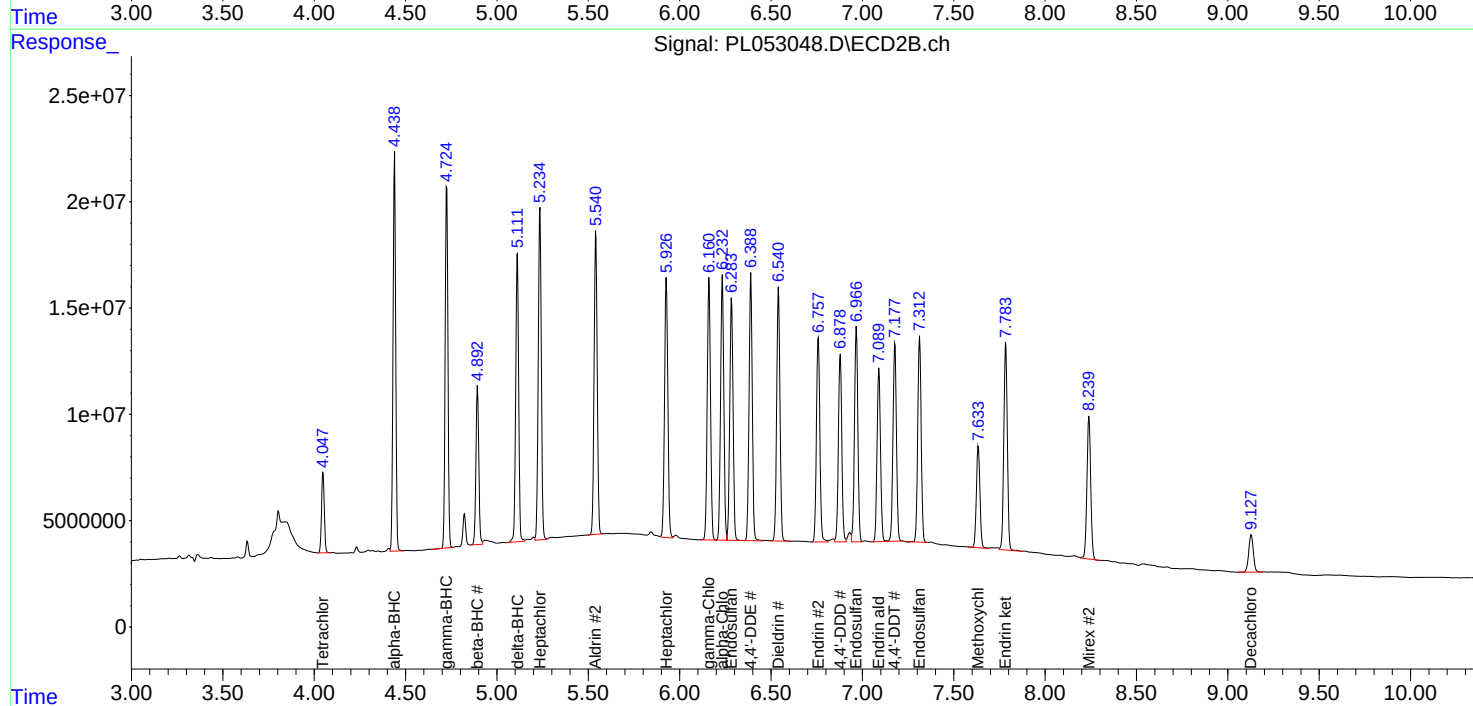
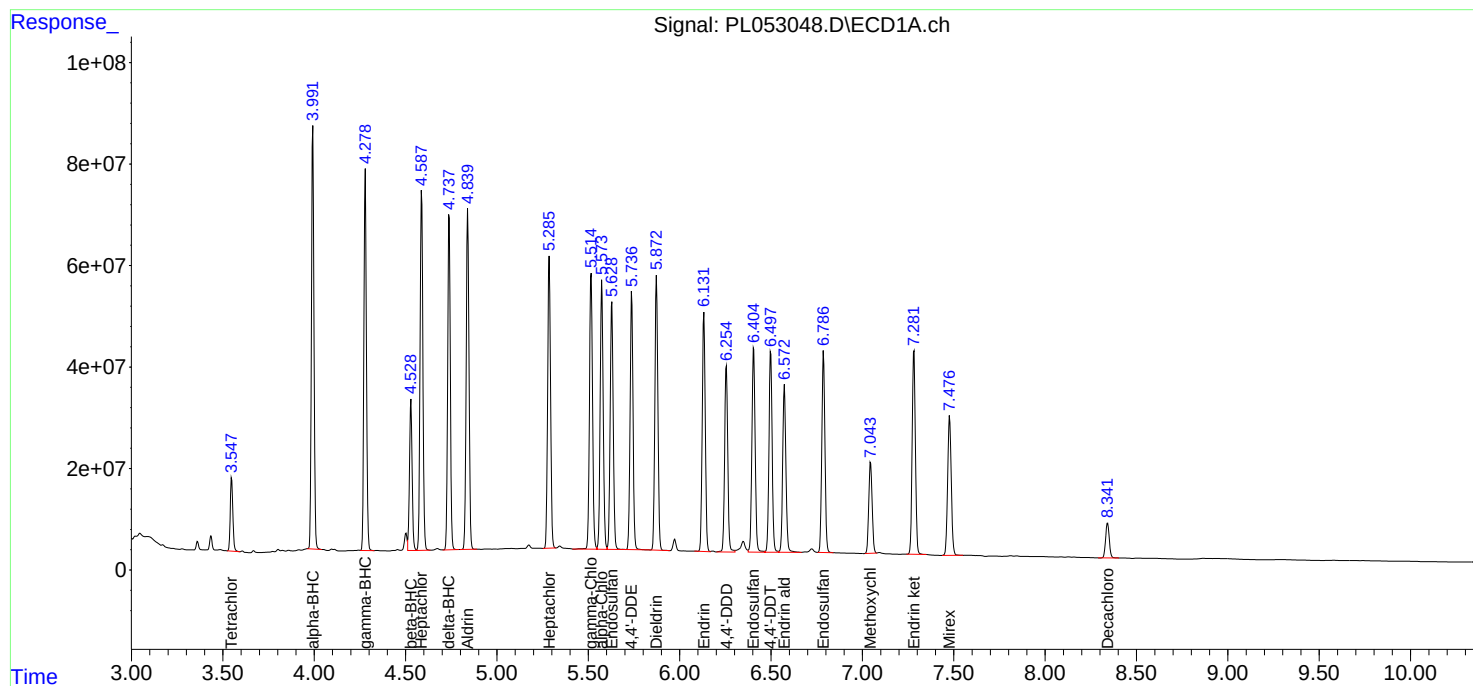
Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

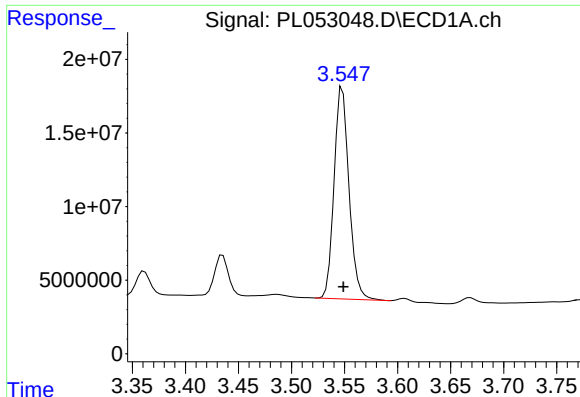
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 04 00:56:24 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL092919.M
Quant Title : GC Extractables
QLast Update : Mon Sep 30 08:44:08 2019
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





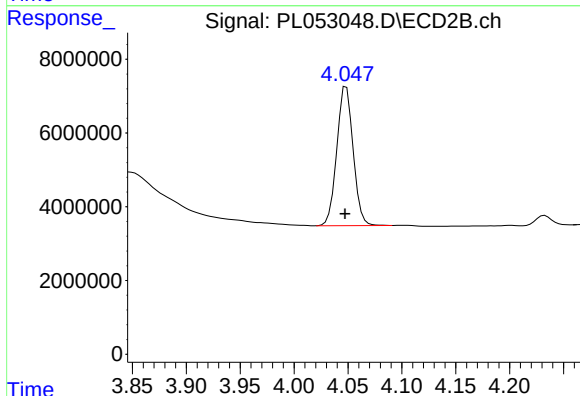
#1 Tetrachloro-m-xylene

R.T.: 3.548 min
Delta R.T.: 0.000 min
Response: 141338134
Conc: 14.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

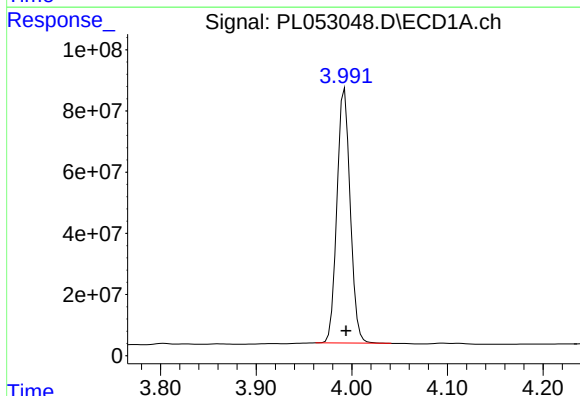
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



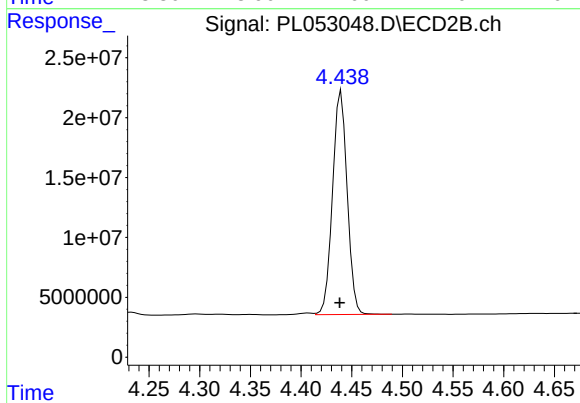
#1 Tetrachloro-m-xylene

R.T.: 4.048 min
Delta R.T.: 0.001 min
Response: 39753171
Conc: 14.80 ng/ml



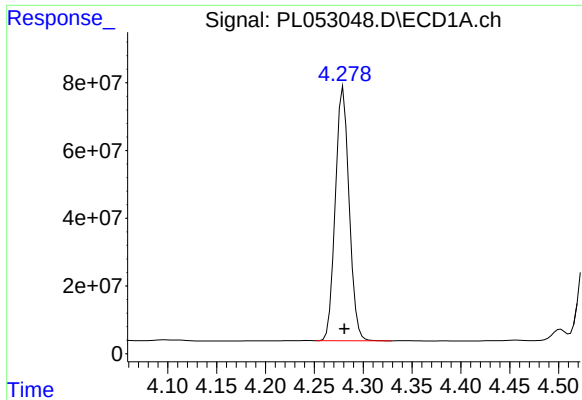
#2 alpha-BHC

R.T.: 3.992 min
Delta R.T.: -0.001 min
Response: 800035515
Conc: 50.16 ng/ml



#2 alpha-BHC

R.T.: 4.440 min
Delta R.T.: 0.002 min
Response: 188125252
Conc: 48.99 ng/ml



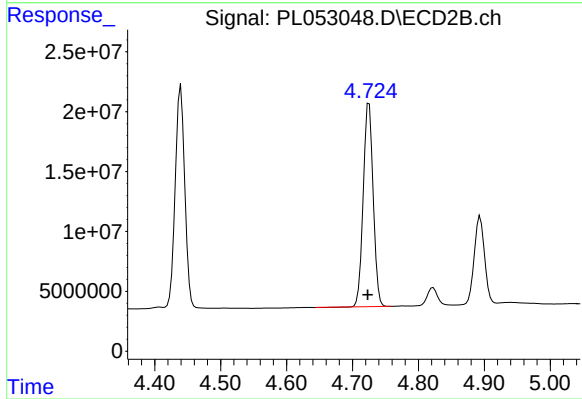
#3 gamma-BHC (Lindane)

R.T.: 4.280 min
Delta R.T.: -0.001 min
Response: 736820477
Conc: 50.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

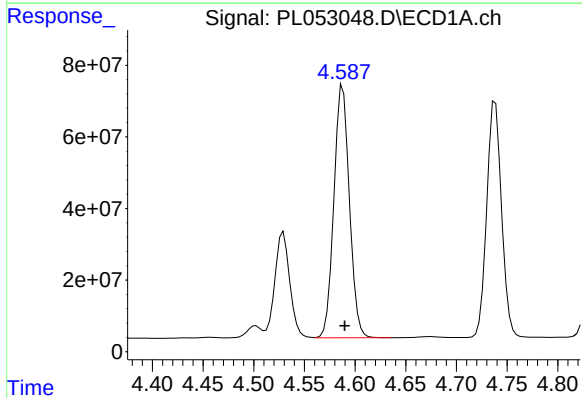
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



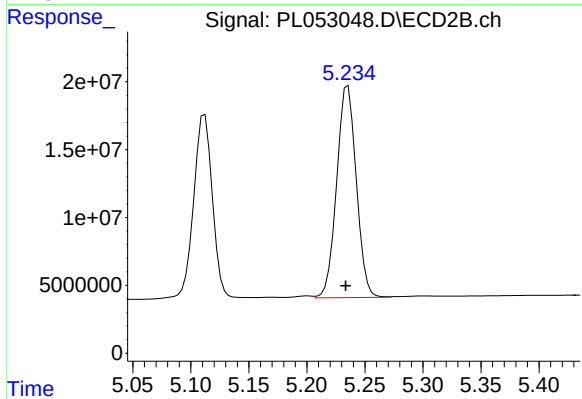
#3 gamma-BHC (Lindane)

R.T.: 4.725 min
Delta R.T.: 0.002 min
Response: 178024099
Conc: 49.16 ng/ml



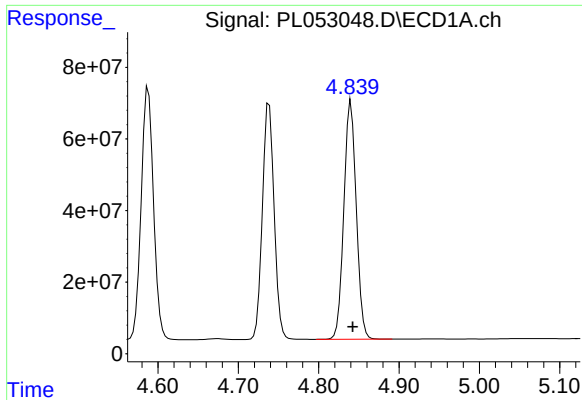
#4 Heptachlor

R.T.: 4.588 min
Delta R.T.: -0.002 min
Response: 753635015
Conc: 50.44 ng/ml



#4 Heptachlor

R.T.: 5.235 min
Delta R.T.: 0.002 min
Response: 183769814
Conc: 48.22 ng/ml



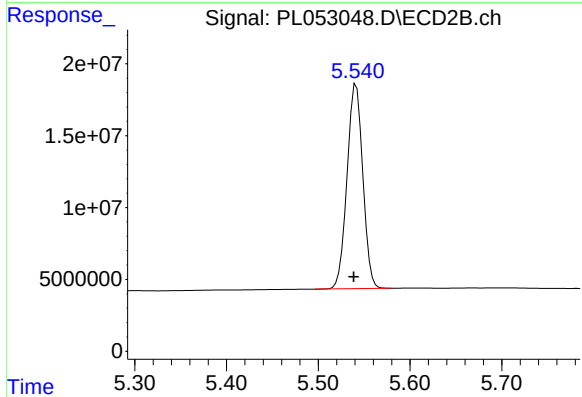
#5 Aldrin

R.T.: 4.840 min
Delta R.T.: -0.002 min
Response: 714196115
Conc: 51.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

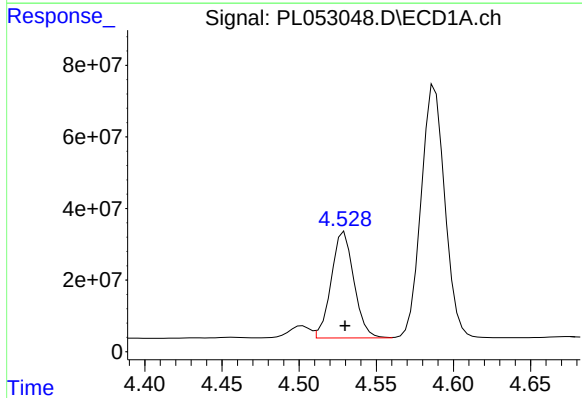
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



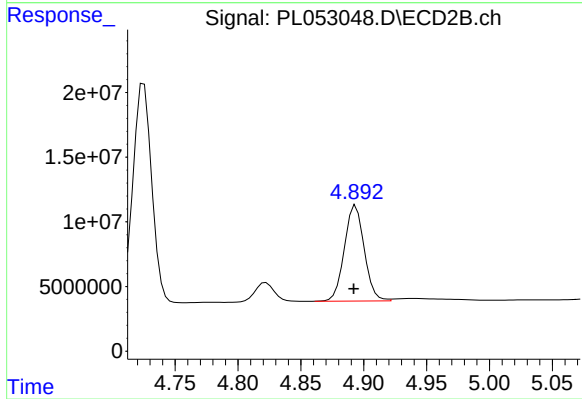
#5 Aldrin

R.T.: 5.540 min
Delta R.T.: 0.001 min
Response: 169755518
Conc: 48.98 ng/ml m



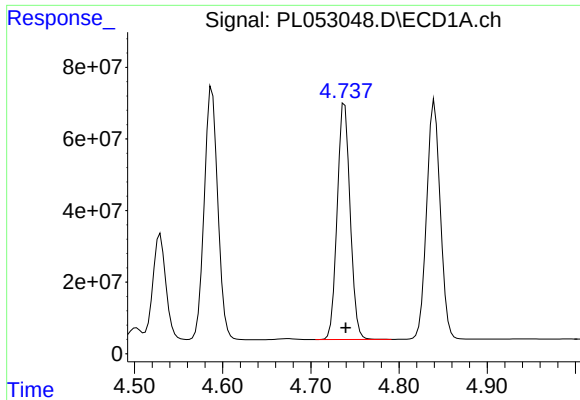
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 304195780
Conc: 49.00 ng/ml



#6 beta-BHC

R.T.: 4.894 min
Delta R.T.: 0.002 min
Response: 81261070
Conc: 51.70 ng/ml



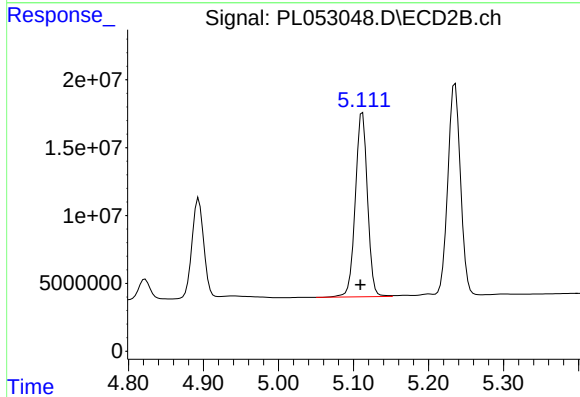
#7 delta-BHC

R.T.: 4.738 min
Delta R.T.: -0.001 min
Response: 672748210
Conc: 46.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

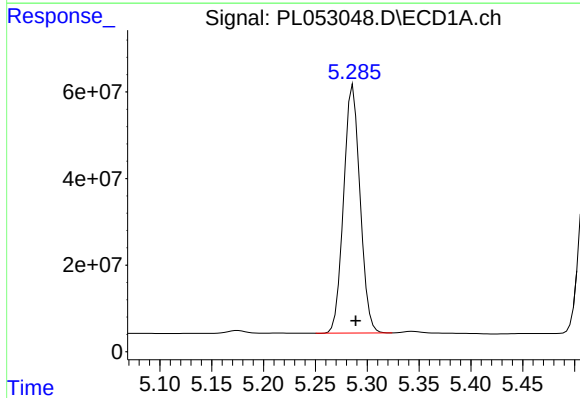
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



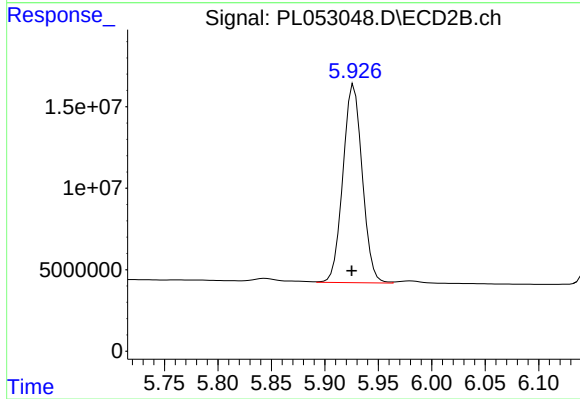
#7 delta-BHC

R.T.: 5.112 min
Delta R.T.: 0.003 min
Response: 153147751
Conc: 42.31 ng/ml



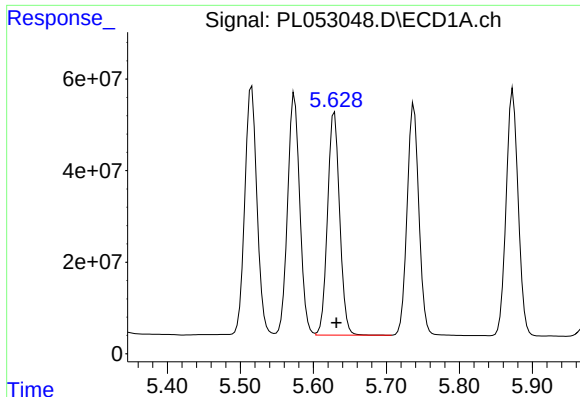
#8 Heptachlor epoxide

R.T.: 5.286 min
Delta R.T.: -0.003 min
Response: 631862055
Conc: 48.49 ng/ml



#8 Heptachlor epoxide

R.T.: 5.927 min
Delta R.T.: 0.002 min
Response: 153173739
Conc: 45.70 ng/ml



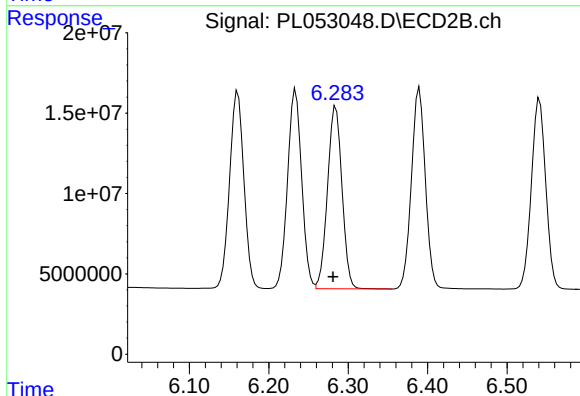
#9 Endosulfan I

R.T.: 5.629 min
Delta R.T.: -0.003 min
Response: 563587331
Conc: 46.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

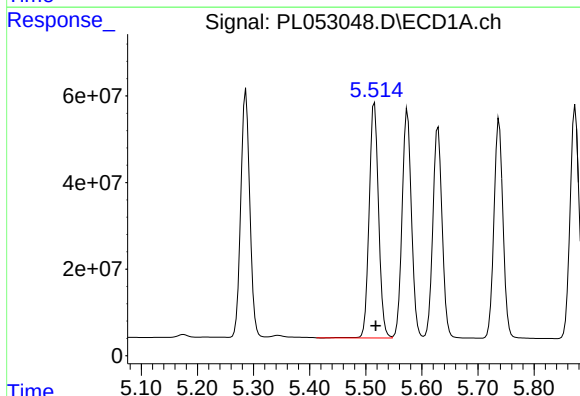
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



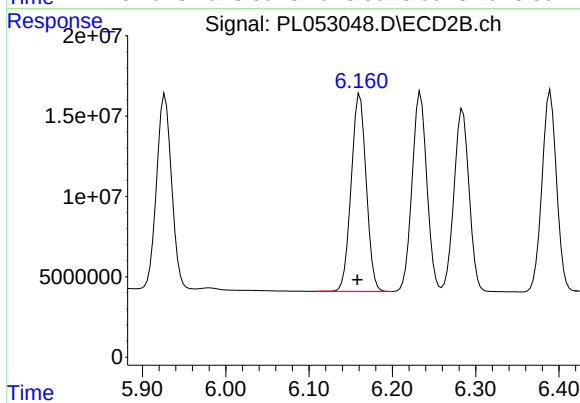
#9 Endosulfan I

R.T.: 6.284 min
Delta R.T.: 0.003 min
Response: 143751621
Conc: 45.99 ng/ml



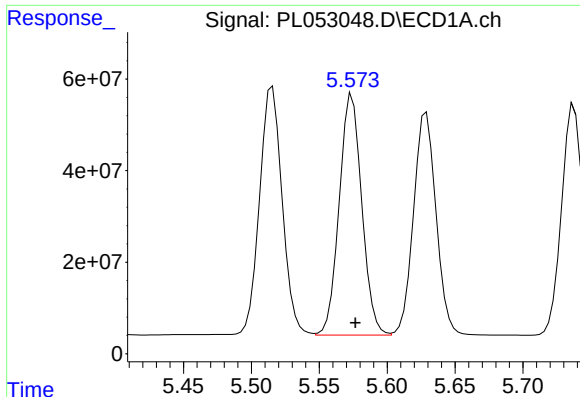
#10 gamma-Chlordane

R.T.: 5.516 min
Delta R.T.: -0.002 min
Response: 631049667
Conc: 46.92 ng/ml



#10 gamma-Chlordane

R.T.: 6.161 min
Delta R.T.: 0.003 min
Response: 153754031
Conc: 45.45 ng/ml



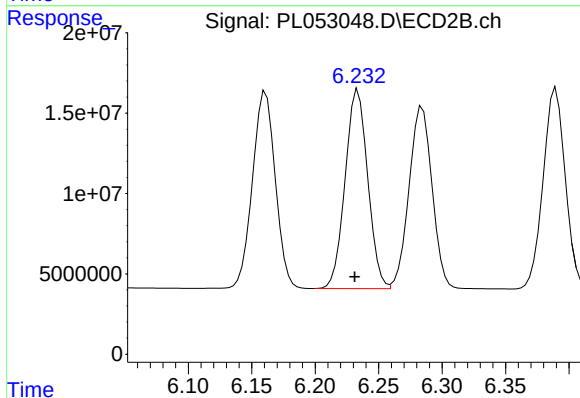
#11 alpha-Chlordane

R.T.: 5.574 min
Delta R.T.: -0.003 min
Response: 608695957
Conc: 46.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

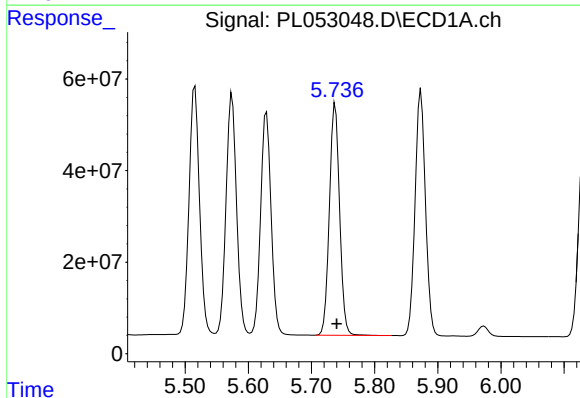
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



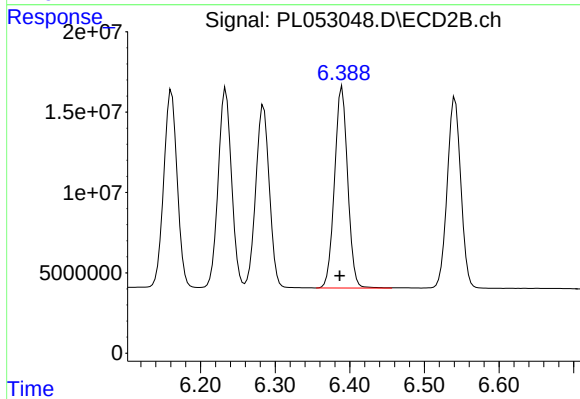
#11 alpha-Chlordane

R.T.: 6.234 min
Delta R.T.: 0.003 min
Response: 153604280
Conc: 45.63 ng/ml



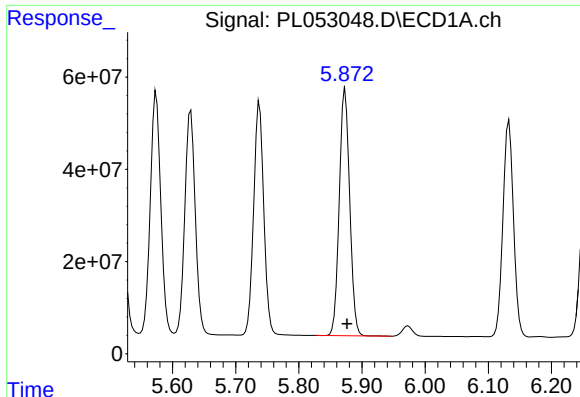
#12 4,4'-DDE

R.T.: 5.738 min
Delta R.T.: -0.002 min
Response: 567959467
Conc: 48.94 ng/ml



#12 4,4'-DDE

R.T.: 6.390 min
Delta R.T.: 0.003 min
Response: 153414775
Conc: 46.97 ng/ml



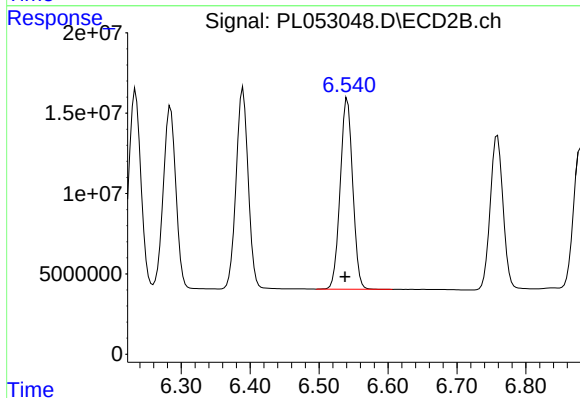
#13 Dieldrin

R.T.: 5.873 min
Delta R.T.: -0.003 min
Response: 615744494
Conc: 47.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

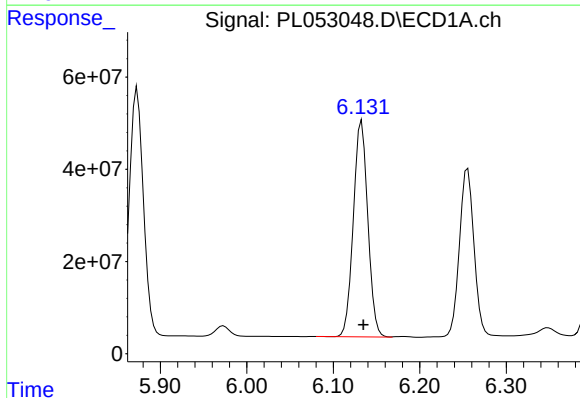
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



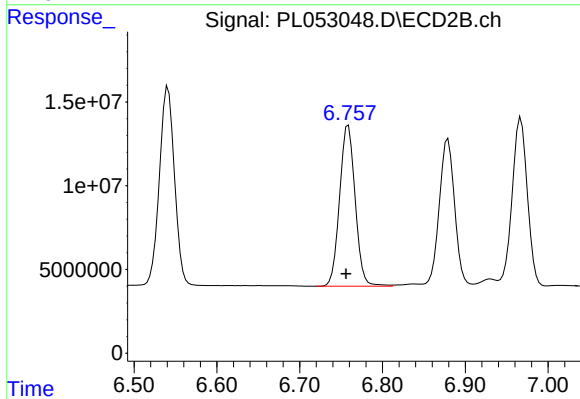
#13 Dieldrin

R.T.: 6.541 min
Delta R.T.: 0.003 min
Response: 150319689
Conc: 46.08 ng/ml



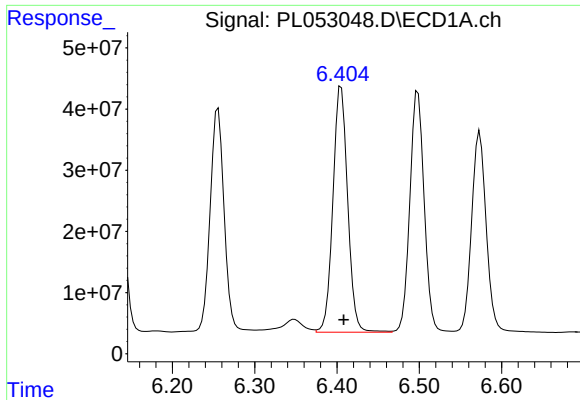
#14 Endrin

R.T.: 6.133 min
Delta R.T.: -0.002 min
Response: 544160851
Conc: 47.77 ng/ml



#14 Endrin

R.T.: 6.759 min
Delta R.T.: 0.003 min
Response: 125678075
Conc: 45.26 ng/ml



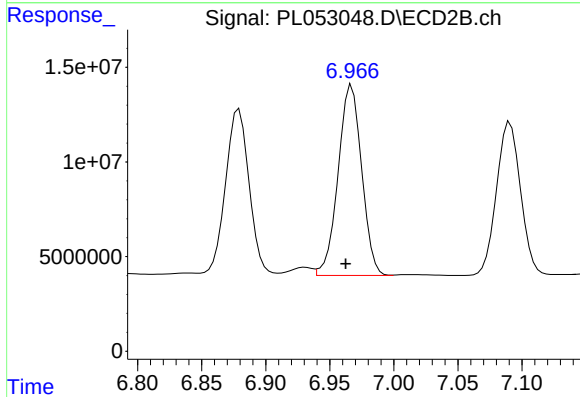
#15 Endosulfan II

R.T.: 6.405 min
Delta R.T.: -0.003 min
Response: 500972167
Conc: 43.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

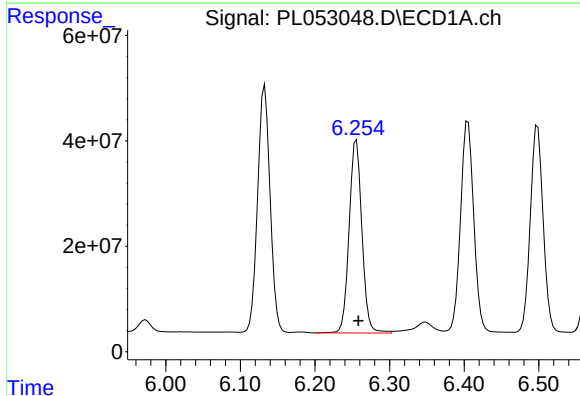
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



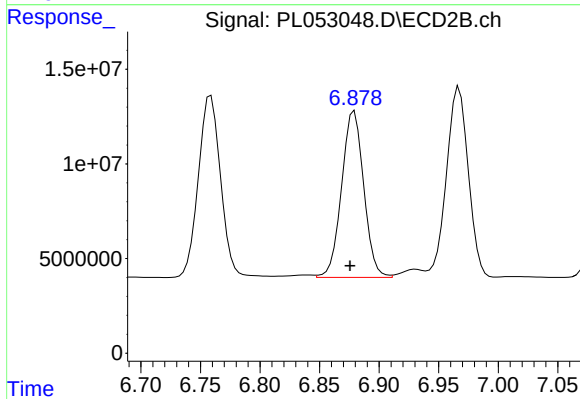
#15 Endosulfan II

R.T.: 6.967 min
Delta R.T.: 0.005 min
Response: 128832566
Conc: 43.42 ng/ml



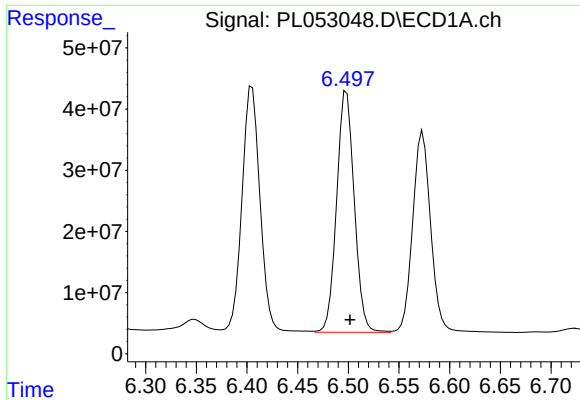
#16 4,4'-DDD

R.T.: 6.255 min
Delta R.T.: -0.003 min
Response: 435634388
Conc: 48.47 ng/ml



#16 4,4'-DDD

R.T.: 6.879 min
Delta R.T.: 0.003 min
Response: 113832324
Conc: 46.41 ng/ml



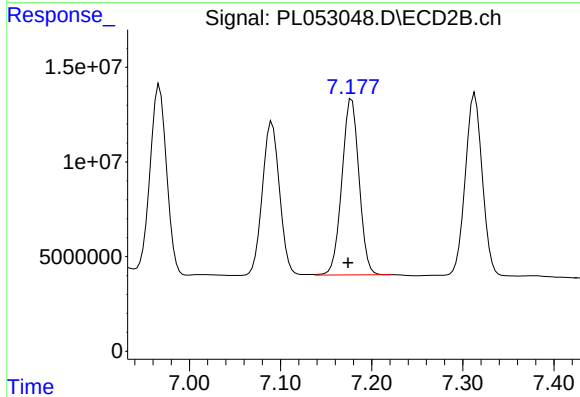
#17 4,4'-DDT

R.T.: 6.498 min
Delta R.T.: -0.003 min
Response: 477688279
Conc: 46.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

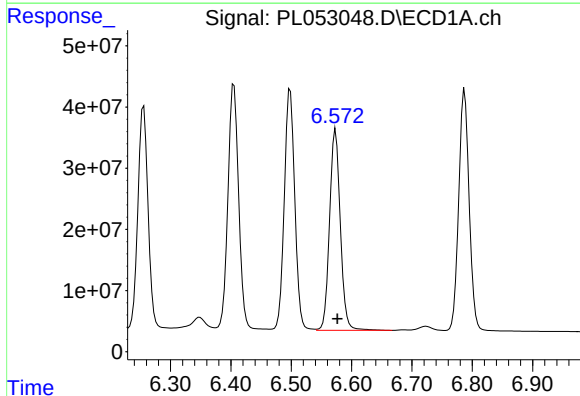
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



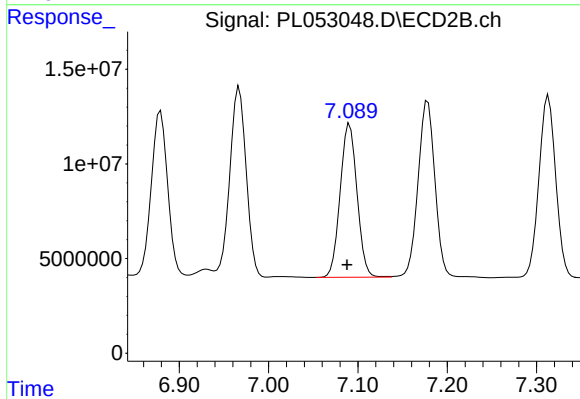
#17 4,4'-DDT

R.T.: 7.178 min
Delta R.T.: 0.004 min
Response: 121603666
Conc: 46.72 ng/ml



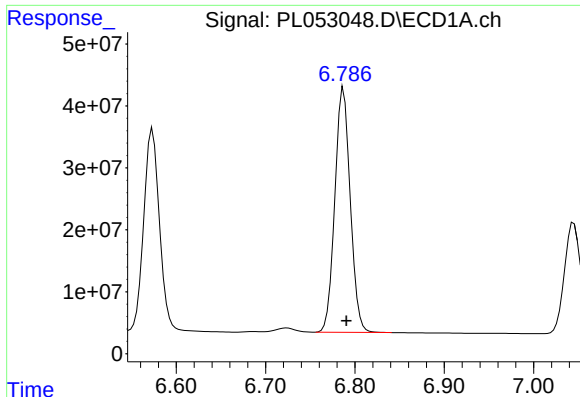
#18 Endrin aldehyde

R.T.: 6.573 min
Delta R.T.: -0.003 min
Response: 407147711
Conc: 43.36 ng/ml



#18 Endrin aldehyde

R.T.: 7.091 min
Delta R.T.: 0.003 min
Response: 106248352
Conc: 43.32 ng/ml



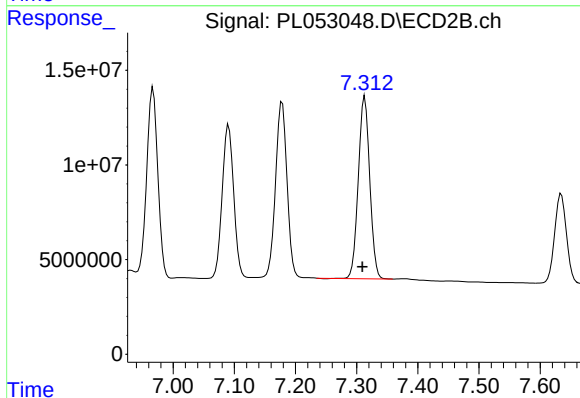
#19 Endosulfan Sulfate

R.T.: 6.787 min
Delta R.T.: -0.003 min
Response: 472994704
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

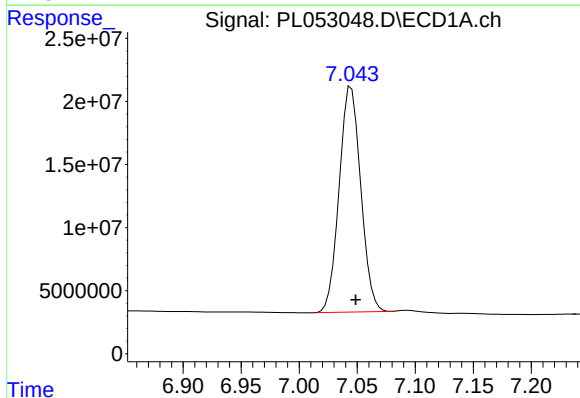
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



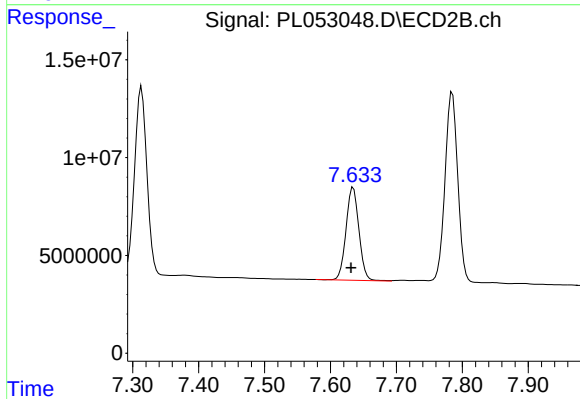
#19 Endosulfan Sulfate

R.T.: 7.313 min
Delta R.T.: 0.004 min
Response: 125333269
Conc: 45.90 ng/ml



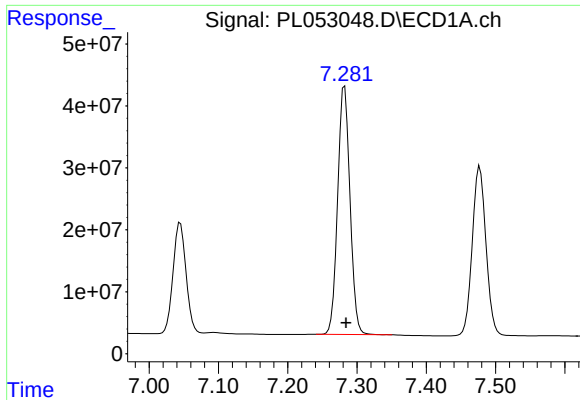
#20 Methoxychlor

R.T.: 7.045 min
Delta R.T.: -0.004 min
Response: 231497327
Conc: 44.88 ng/ml



#20 Methoxychlor

R.T.: 7.634 min
Delta R.T.: 0.003 min
Response: 64807146
Conc: 46.03 ng/ml



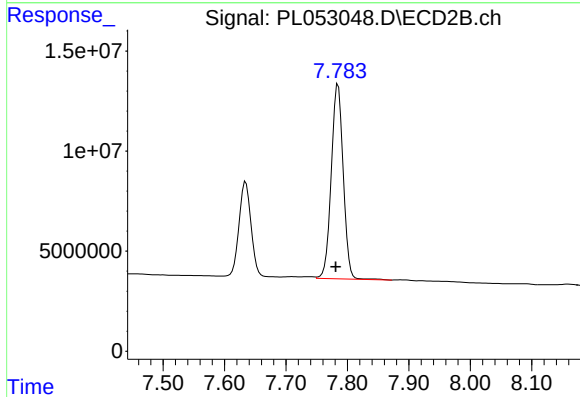
#21 Endrin ketone

R.T.: 7.282 min
Delta R.T.: -0.002 min
Response: 495336494
Conc: 42.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

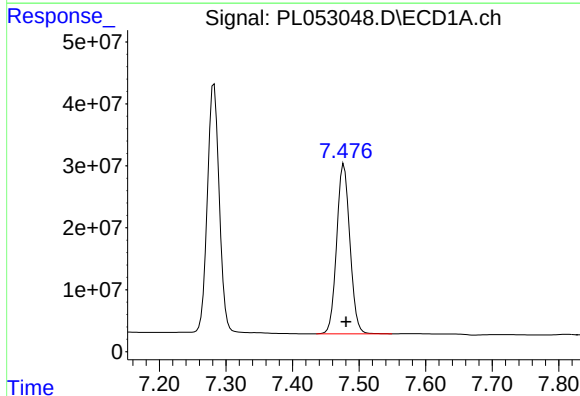
Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



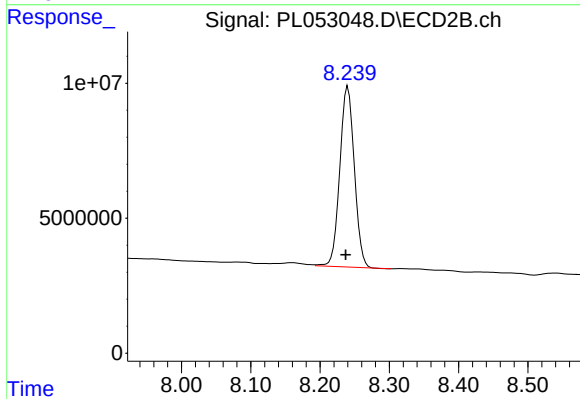
#21 Endrin ketone

R.T.: 7.785 min
Delta R.T.: 0.004 min
Response: 131492846
Conc: 46.09 ng/ml



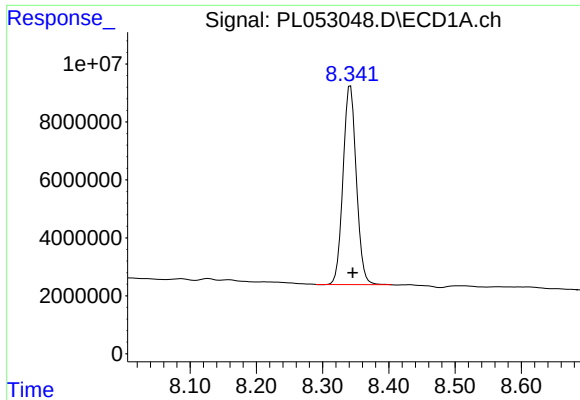
#22 Mirex

R.T.: 7.477 min
Delta R.T.: -0.003 min
Response: 377941442
Conc: 40.02 ng/ml



#22 Mirex

R.T.: 8.240 min
Delta R.T.: 0.003 min
Response: 97379543
Conc: 43.29 ng/ml



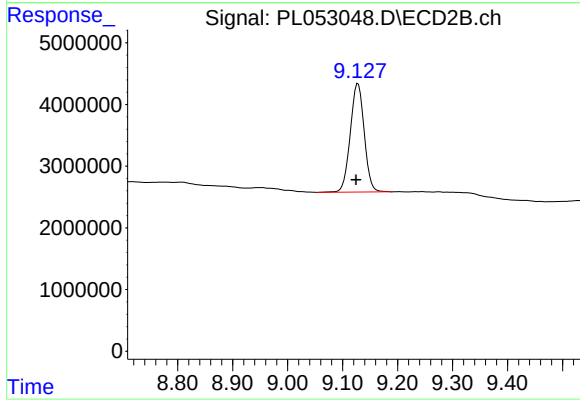
#28 Decachlorobiphenyl

R.T.: 8.342 min
Delta R.T.: -0.003 min
Response: 95690510
Conc: 9.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
20190764-SS-COMPOSITE-4MSD

Manual Integrations
APPROVED

Ankita
10/4/2019 2:16:19 PM



#28 Decachlorobiphenyl

R.T.: 9.128 min
Delta R.T.: 0.004 min
Response: 31026348
Conc: 10.58 ng/ml