

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052219\
 Data File : PL048839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2019 15:27
 Operator : SM\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Ankita
 5/23/2019 10:26:54 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 01:09:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 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...	3.324	3.937	437.1E6	123.5E6	45.125	49.594
2)	SA Decachlor...	7.990	8.971	489.8E6	132.2E6	48.712	49.811
Target Compounds							
2)	A alpha-BHC	3.752	4.325	701.7E6	180.5E6	45.367	51.391
3)	MA gamma-BHC...	4.026	4.608	654.0E6	164.7E6	46.030m	50.418
4)	MA Heptachlor	4.312	5.110	660.1E6	162.7E6	44.867	47.003m
5)	MB Aldrin	4.550	5.414	628.6E6	150.4E6	45.880	48.561
6)	B beta-BHC	4.281	4.783	258.5E6	73793081	43.806	47.424
7)	B delta-BHC	4.475	4.997	654.0E6	118.7E6	46.322	41.957
8)	B Heptachlo...	4.987	5.799	567.8E6	119.8E6	44.068	41.069
9)	A Endosulfan I	5.318	6.155	532.5E6	131.5E6	44.268	46.507
10)	B gamma-Chl...	5.209	6.034	590.7E6	141.7E6	44.239	46.011
11)	B alpha-Chl...	5.266	6.106	569.5E6	143.0E6	43.565	46.607
12)	B 4,4'-DDE	5.433	6.265	549.8E6	133.7E6	43.344	48.425
13)	MA Dieldrin	5.557	6.411	599.1E6	139.5E6	46.015	47.551
14)	MA Endrin	5.809	6.628	526.0E6	114.1E6	43.211	43.776
15)	B Endosulfa...	6.084	6.838	505.7E6	128.8E6	43.818	47.761m
16)	A 4,4'-DDD	5.944	6.756	437.2E6	110.4E6	44.911	49.198
17)	MA 4,4'-DDT	6.178	7.052	420.4E6	107.3E6	41.843	45.723
18)	B Endrin al...	6.251	6.964	418.9E6	107.5E6	43.107	45.873
19)	B Endosulfa...	6.463	7.186	467.6E6	118.5E6	43.568	45.799
20)	A Methoxychlor	6.723	7.513	223.6E6	60510653	41.075	44.324
21)	B Endrin ke...	6.944	7.655	542.7E6	131.4E6	46.566	50.291
22)	Mirex	7.118	8.105	365.2E6	98240732	40.738	46.584

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL052219\
 Data File : PL048839.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 May 2019 15:27
 Operator : SM\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

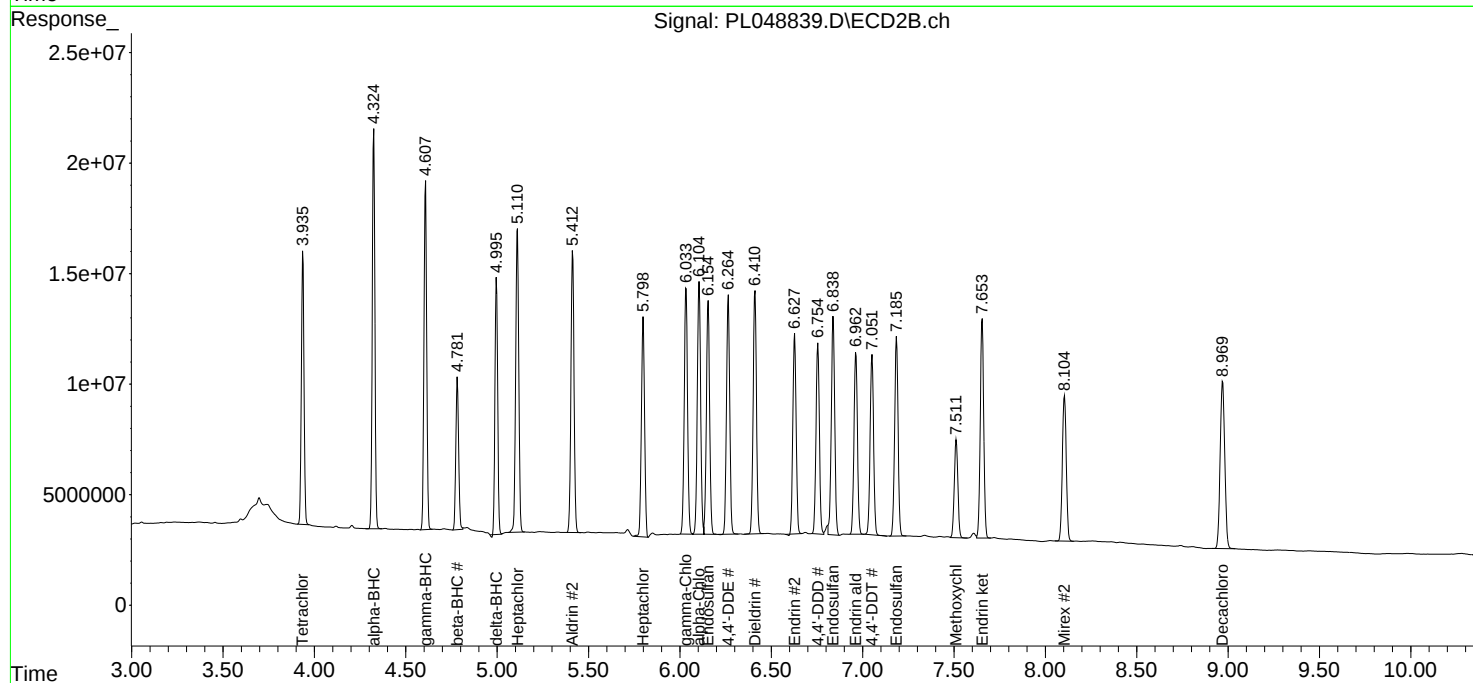
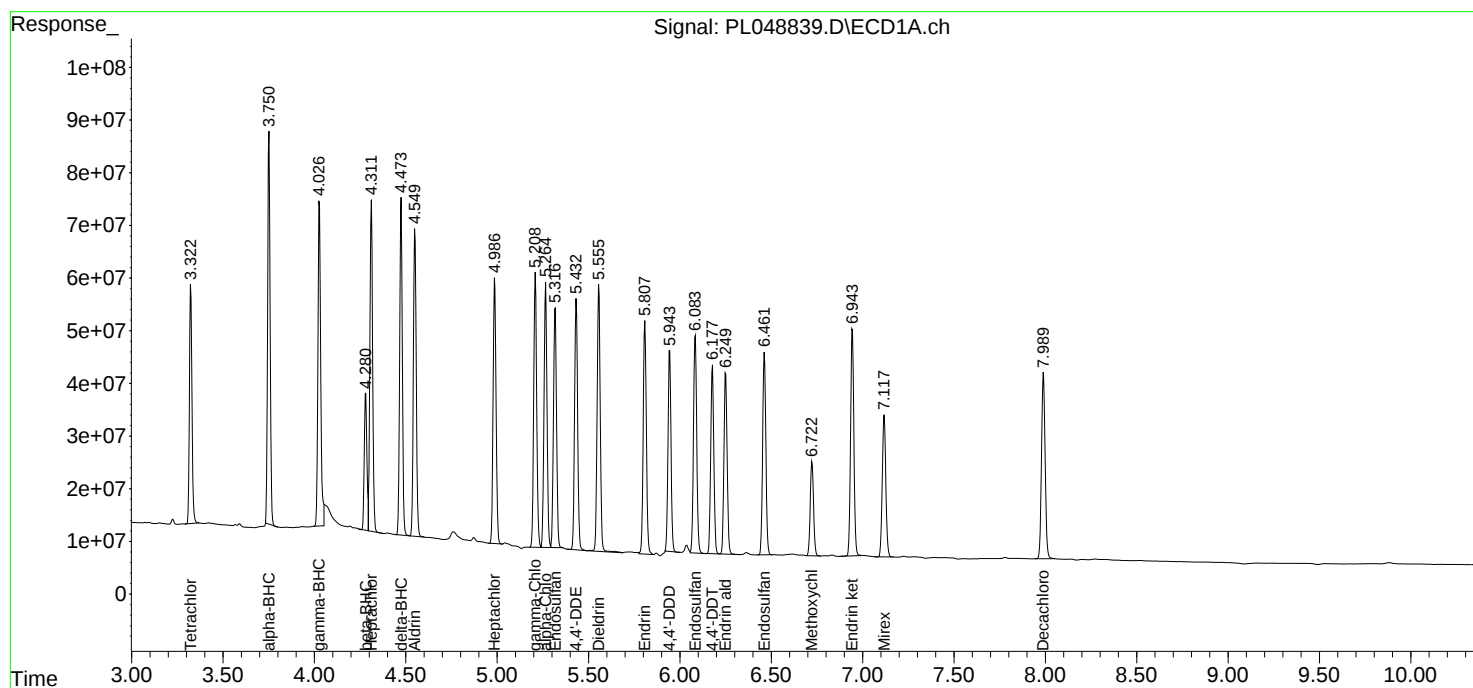
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

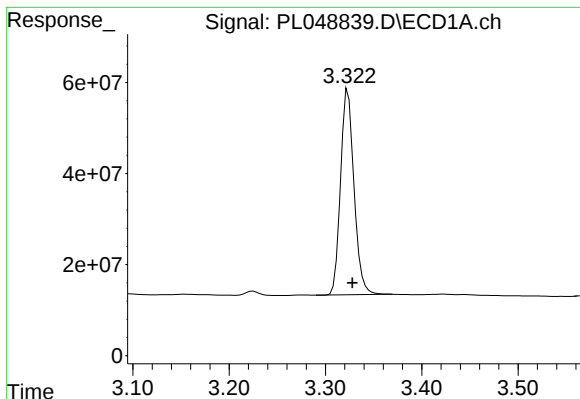
Manual Integrations
 APPROVED

Ankita
 5/23/2019 10:26:54 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 23 01:09:19 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL050119.M
 Quant Title : GC Extractables
 QLast Update : Thu May 02 09:36:55 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





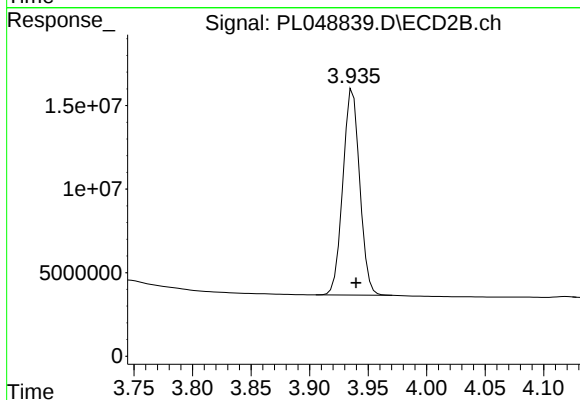
#1 Tetrachloro-m-xylene

R.T.: 3.324 min
Delta R.T.: -0.004 min
Response: 437120734
Conc: 45.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

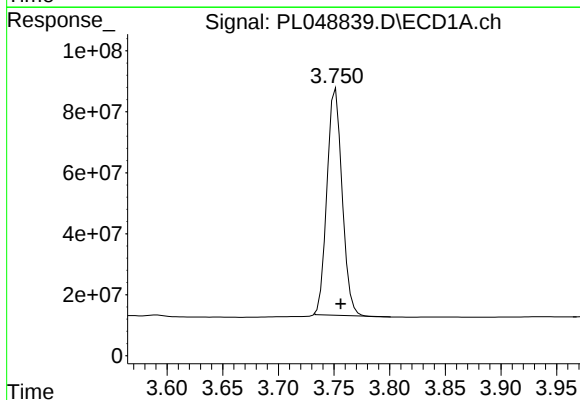
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



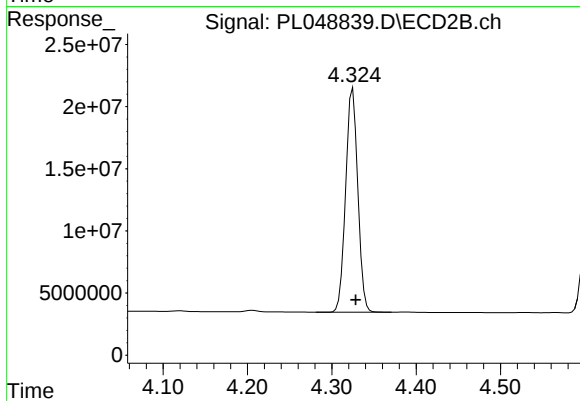
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: -0.003 min
Response: 123533098
Conc: 49.59 ng/ml



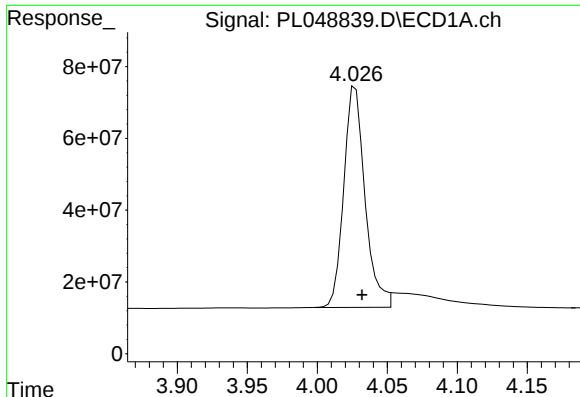
#2 alpha-BHC

R.T.: 3.752 min
Delta R.T.: -0.004 min
Response: 701710676
Conc: 45.37 ng/ml



#2 alpha-BHC

R.T.: 4.325 min
Delta R.T.: -0.003 min
Response: 180485717
Conc: 51.39 ng/ml



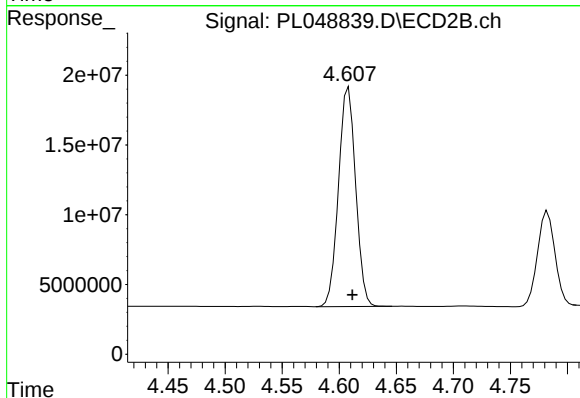
#3 gamma-BHC (Lindane)

R.T.: 4.026 min
Delta R.T.: -0.006 min
Response: 654041151
Conc: 46.03 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

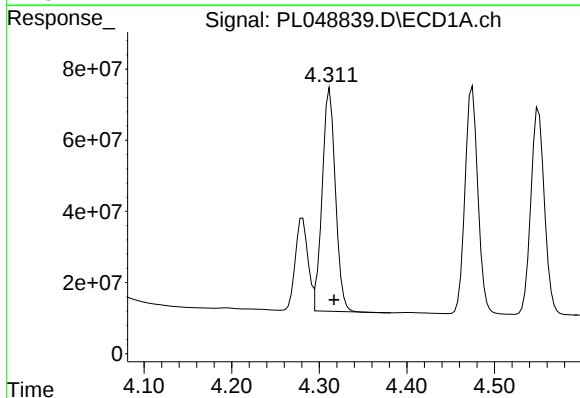
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



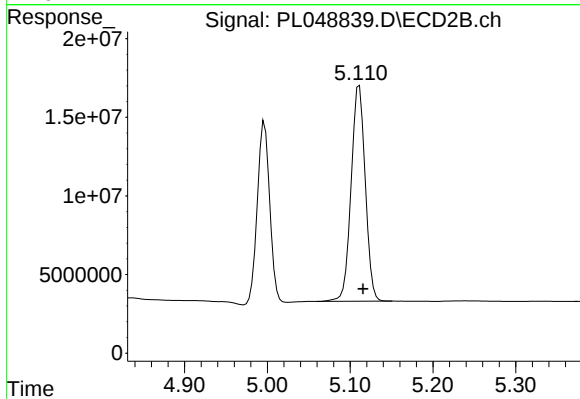
#3 gamma-BHC (Lindane)

R.T.: 4.608 min
Delta R.T.: -0.003 min
Response: 164672050
Conc: 50.42 ng/ml



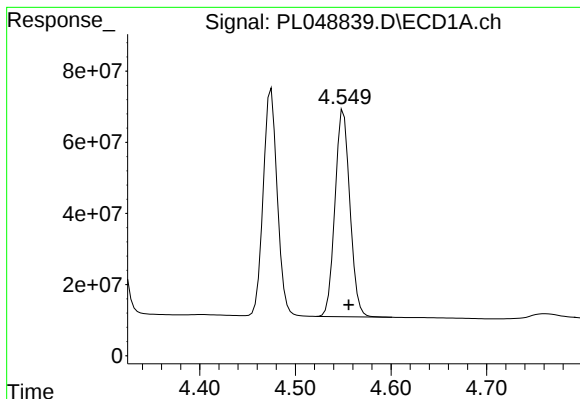
#4 Heptachlor

R.T.: 4.312 min
Delta R.T.: -0.005 min
Response: 660084531
Conc: 44.87 ng/ml



#4 Heptachlor

R.T.: 5.110 min
Delta R.T.: -0.006 min
Response: 162715006
Conc: 47.00 ng/ml m



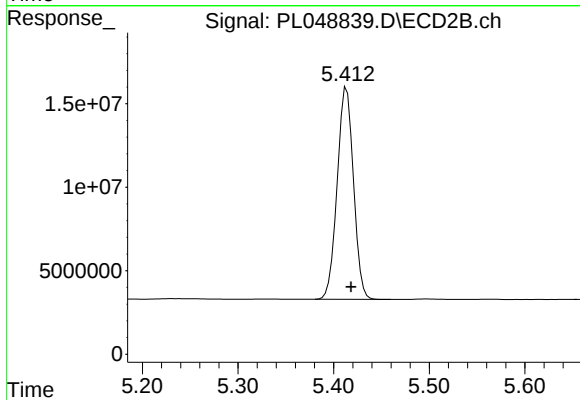
#5 Aldrin

R.T.: 4.550 min
Delta R.T.: -0.005 min
Response: 628628949
Conc: 45.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

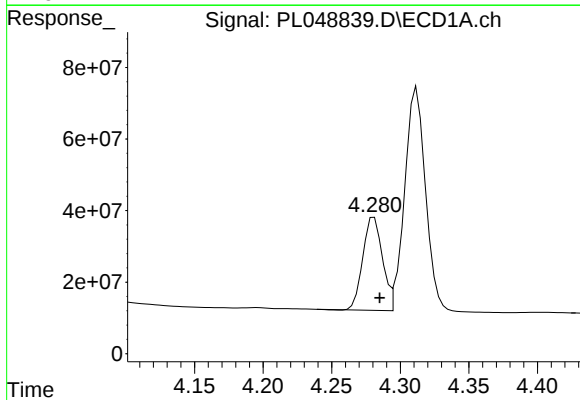
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



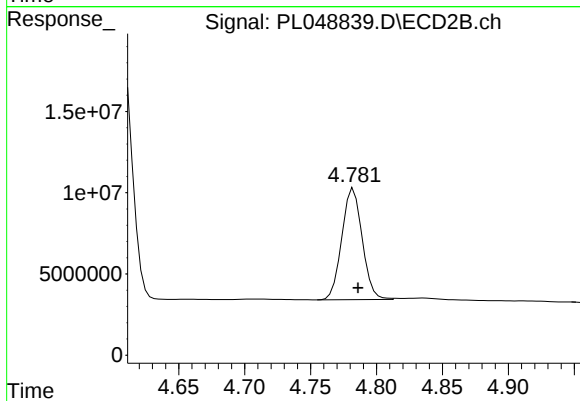
#5 Aldrin

R.T.: 5.414 min
Delta R.T.: -0.005 min
Response: 150376872
Conc: 48.56 ng/ml



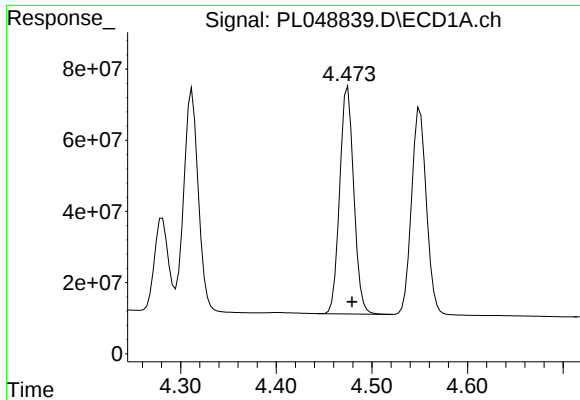
#6 beta-BHC

R.T.: 4.281 min
Delta R.T.: -0.004 min
Response: 258527195
Conc: 43.81 ng/ml



#6 beta-BHC

R.T.: 4.783 min
Delta R.T.: -0.004 min
Response: 73793081
Conc: 47.42 ng/ml



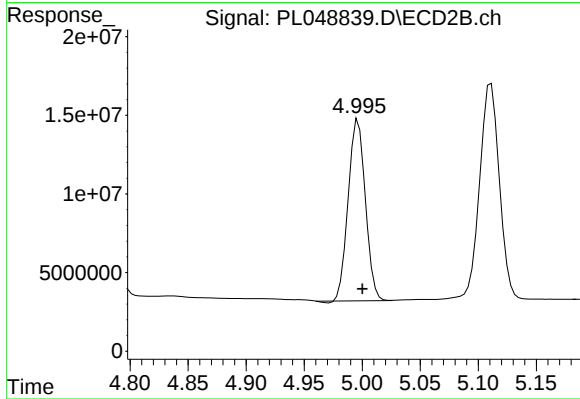
#7 delta-BHC

R.T.: 4.475 min
Delta R.T.: -0.004 min
Response: 654007447
Conc: 46.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

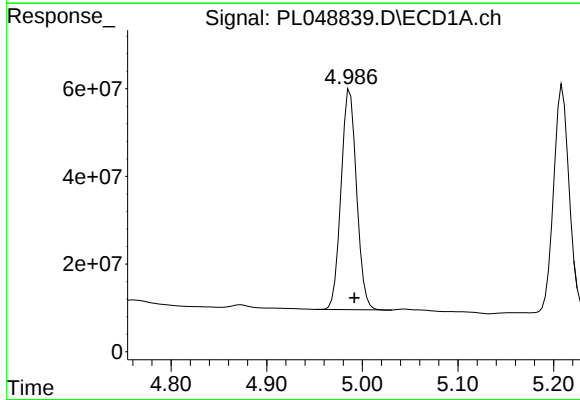
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



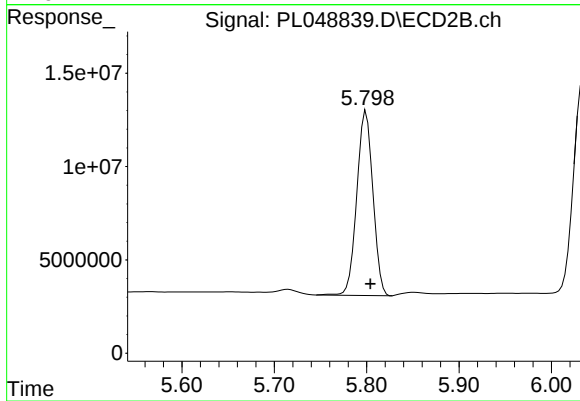
#7 delta-BHC

R.T.: 4.997 min
Delta R.T.: -0.004 min
Response: 118650235
Conc: 41.96 ng/ml



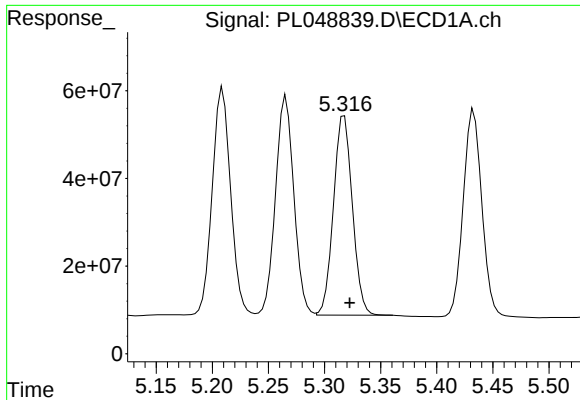
#8 Heptachlor epoxide

R.T.: 4.987 min
Delta R.T.: -0.005 min
Response: 567802049
Conc: 44.07 ng/ml



#8 Heptachlor epoxide

R.T.: 5.799 min
Delta R.T.: -0.005 min
Response: 119786489
Conc: 41.07 ng/ml



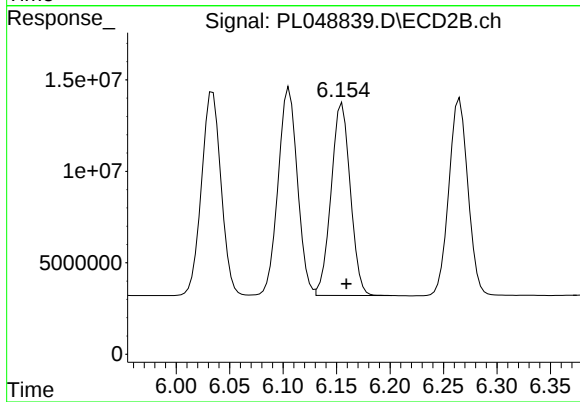
#9 Endosulfan I

R.T.: 5.318 min
Delta R.T.: -0.005 min
Response: 532535656
Conc: 44.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

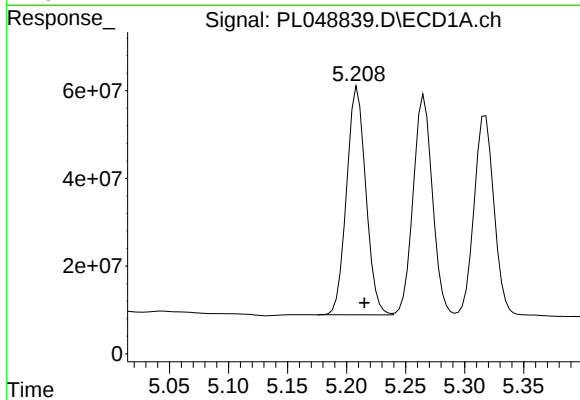
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



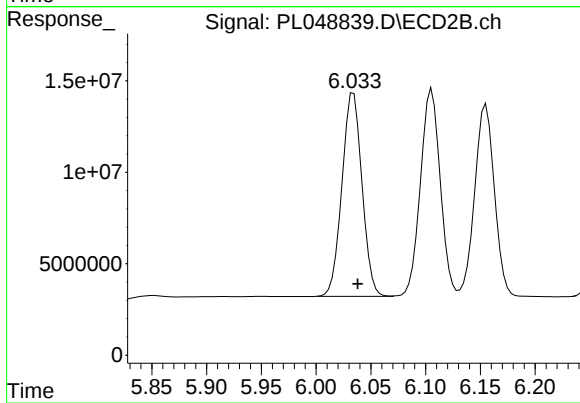
#9 Endosulfan I

R.T.: 6.155 min
Delta R.T.: -0.004 min
Response: 131497729
Conc: 46.51 ng/ml



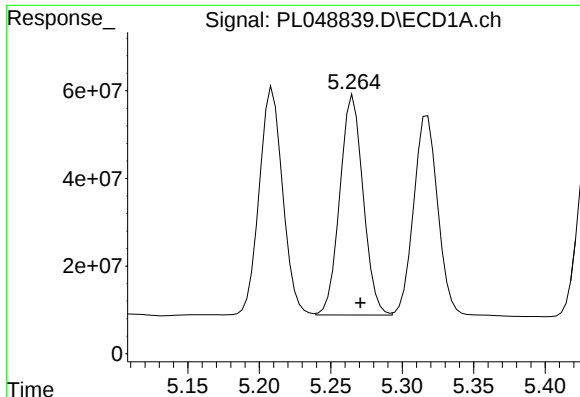
#10 gamma-Chlordane

R.T.: 5.209 min
Delta R.T.: -0.006 min
Response: 590695146
Conc: 44.24 ng/ml



#10 gamma-Chlordane

R.T.: 6.034 min
Delta R.T.: -0.004 min
Response: 141652534
Conc: 46.01 ng/ml



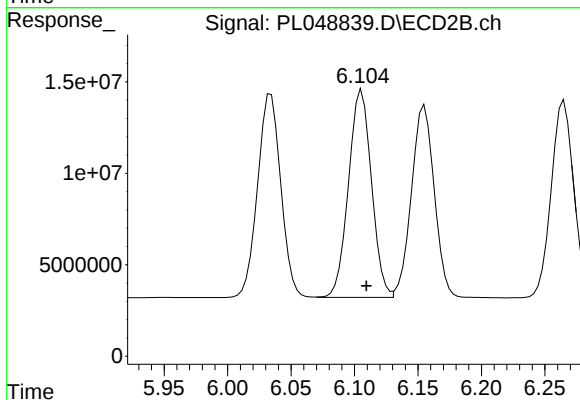
#11 alpha-Chlordane

R.T.: 5.266 min
Delta R.T.: -0.005 min
Response: 569544480
Conc: 43.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

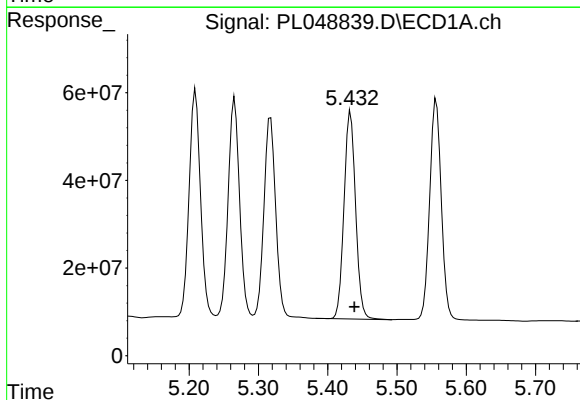
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



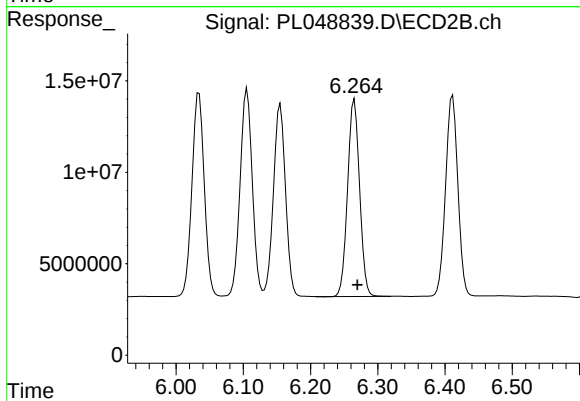
#11 alpha-Chlordane

R.T.: 6.106 min
Delta R.T.: -0.004 min
Response: 143001763
Conc: 46.61 ng/ml



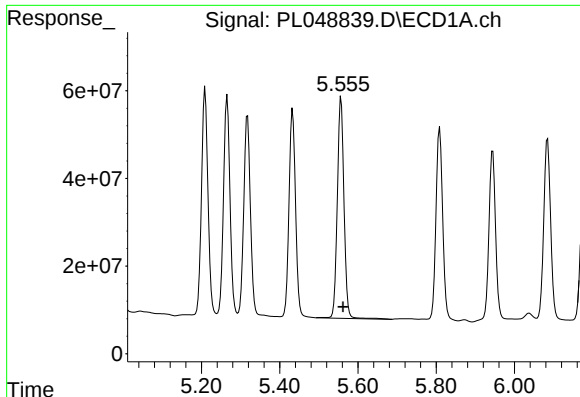
#12 4,4'-DDE

R.T.: 5.433 min
Delta R.T.: -0.006 min
Response: 549829109
Conc: 43.34 ng/ml



#12 4,4'-DDE

R.T.: 6.265 min
Delta R.T.: -0.004 min
Response: 133697110
Conc: 48.42 ng/ml



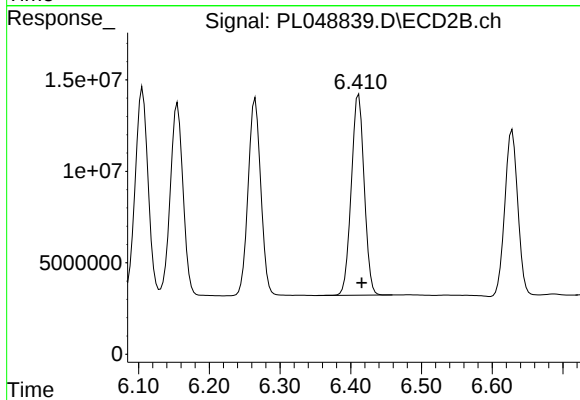
#13 Dieldrin

R.T.: 5.557 min
Delta R.T.: -0.005 min
Response: 599146180
Conc: 46.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

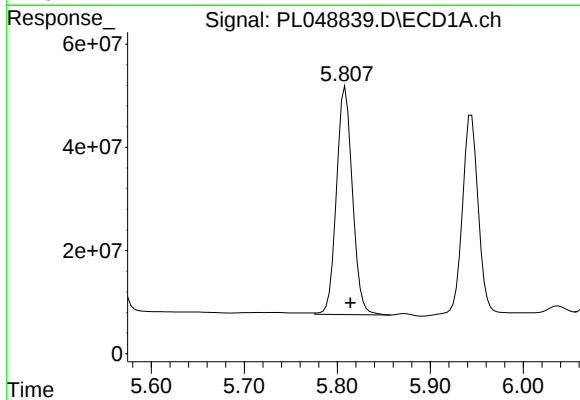
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



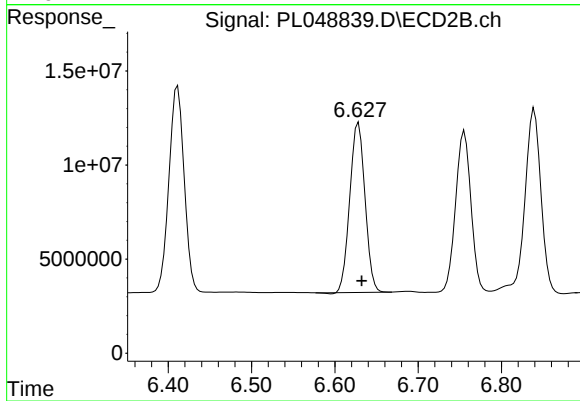
#13 Dieldrin

R.T.: 6.411 min
Delta R.T.: -0.004 min
Response: 139497101
Conc: 47.55 ng/ml



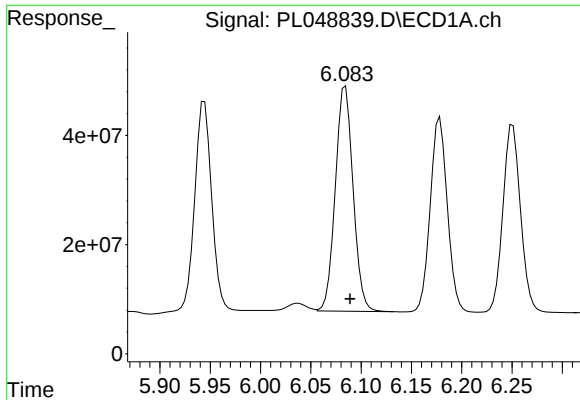
#14 Endrin

R.T.: 5.809 min
Delta R.T.: -0.005 min
Response: 526049575
Conc: 43.21 ng/ml



#14 Endrin

R.T.: 6.628 min
Delta R.T.: -0.004 min
Response: 114140931
Conc: 43.78 ng/ml



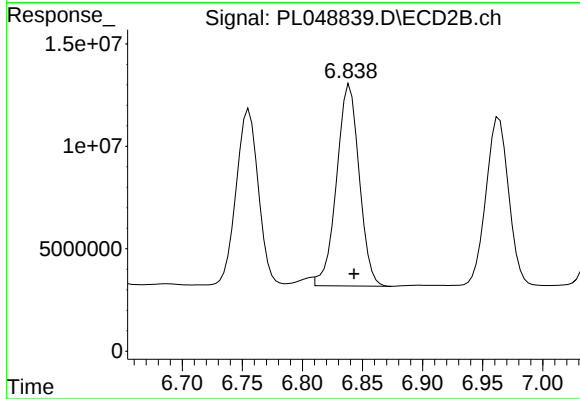
#15 Endosulfan II

R.T.: 6.084 min
Delta R.T.: -0.005 min
Response: 505683294
Conc: 43.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

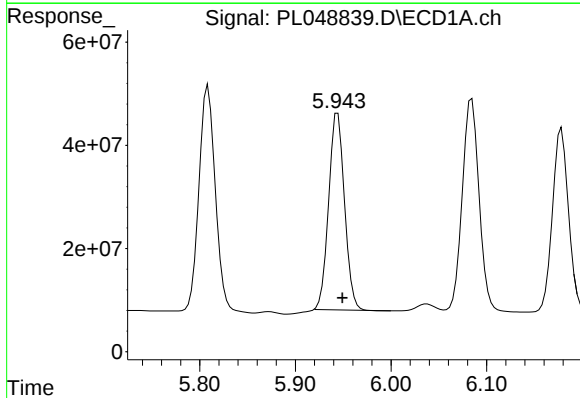
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



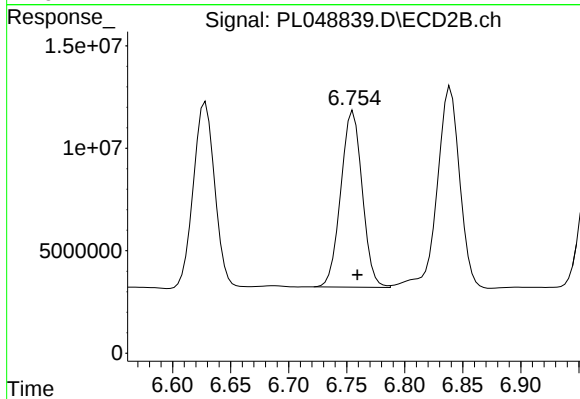
#15 Endosulfan II

R.T.: 6.838 min
Delta R.T.: -0.005 min
Response: 128793085
Conc: 47.76 ng/ml m



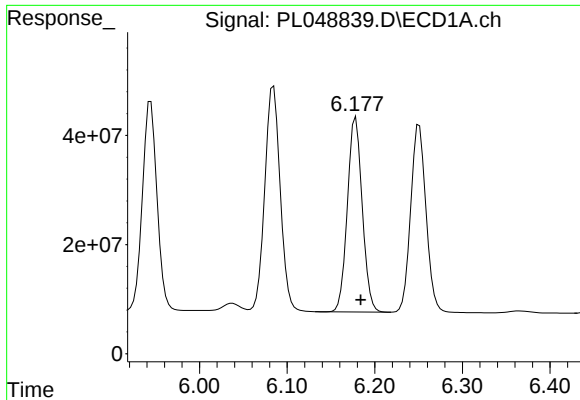
#16 4,4'-DDD

R.T.: 5.944 min
Delta R.T.: -0.005 min
Response: 437167670
Conc: 44.91 ng/ml



#16 4,4'-DDD

R.T.: 6.756 min
Delta R.T.: -0.004 min
Response: 110402586
Conc: 49.20 ng/ml



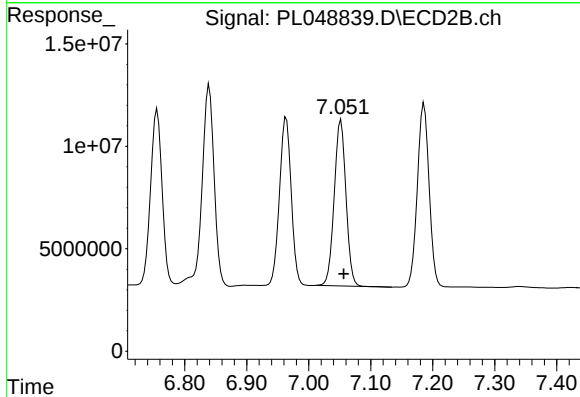
#17 4,4'-DDT

R.T.: 6.178 min
Delta R.T.: -0.005 min
Response: 420376173
Conc: 41.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

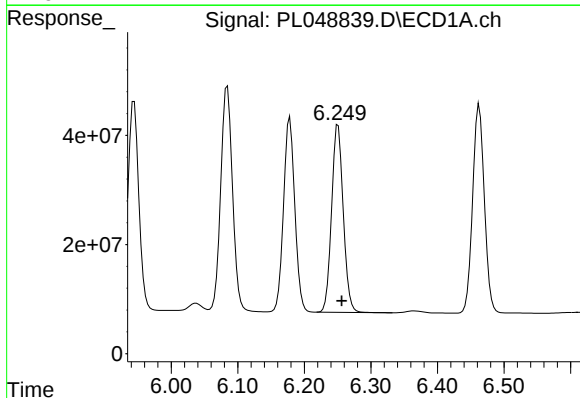
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



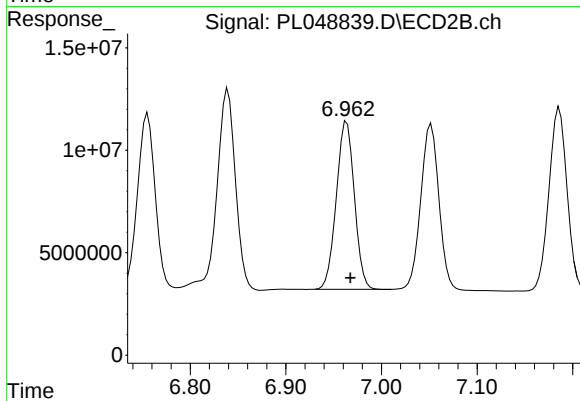
#17 4,4'-DDT

R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 107295674
Conc: 45.72 ng/ml



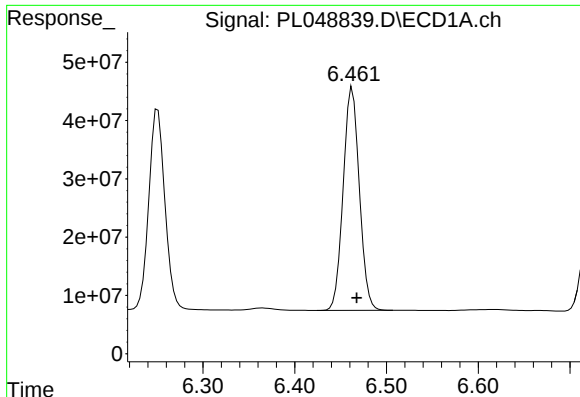
#18 Endrin aldehyde

R.T.: 6.251 min
Delta R.T.: -0.005 min
Response: 418923293
Conc: 43.11 ng/ml



#18 Endrin aldehyde

R.T.: 6.964 min
Delta R.T.: -0.004 min
Response: 107502001
Conc: 45.87 ng/ml



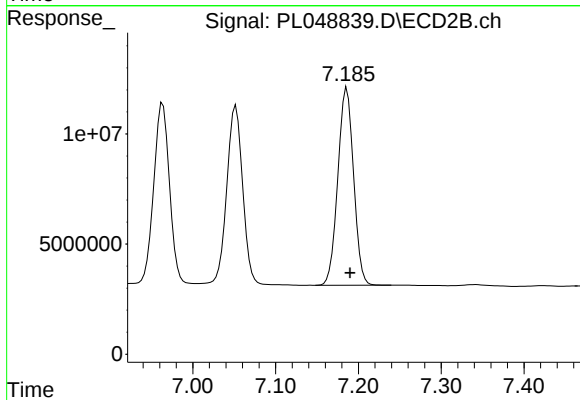
#19 Endosulfan Sulfate

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 467601573
Conc: 43.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

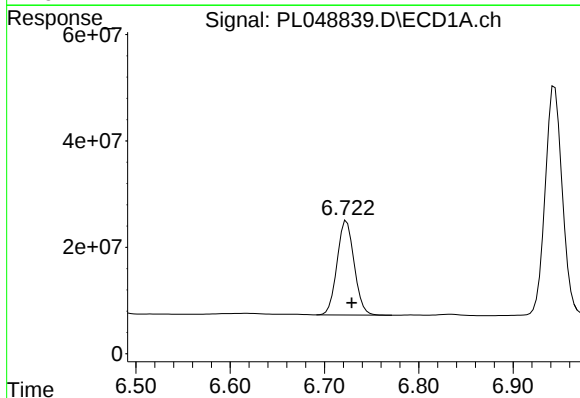
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



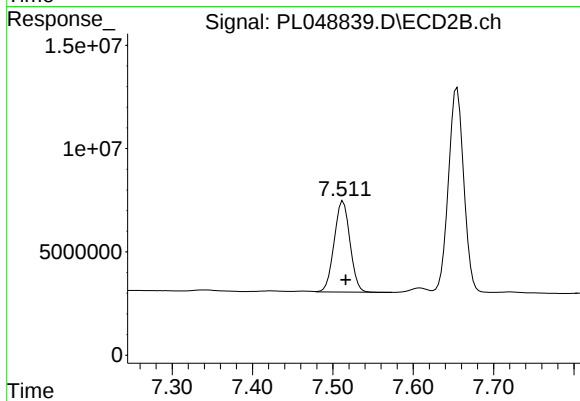
#19 Endosulfan Sulfate

R.T.: 7.186 min
Delta R.T.: -0.004 min
Response: 118537363
Conc: 45.80 ng/ml



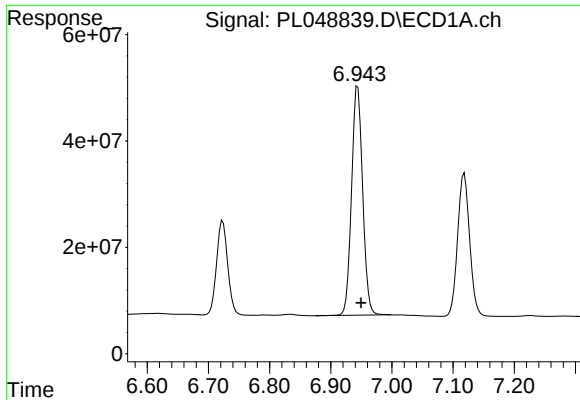
#20 Methoxychlor

R.T.: 6.723 min
Delta R.T.: -0.005 min
Response: 223640994
Conc: 41.07 ng/ml



#20 Methoxychlor

R.T.: 7.513 min
Delta R.T.: -0.003 min
Response: 60510653
Conc: 44.32 ng/ml



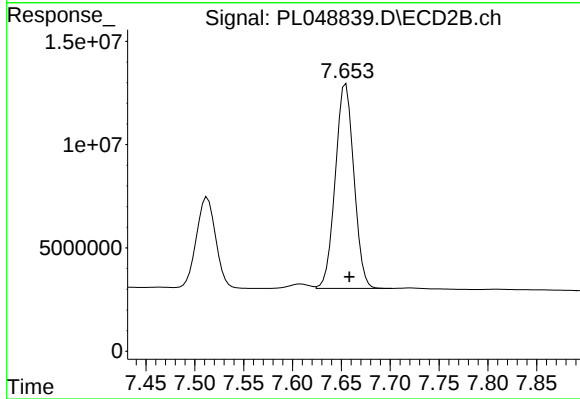
#21 Endrin ketone

R.T.: 6.944 min
Delta R.T.: -0.006 min
Response: 542720511
Conc: 46.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

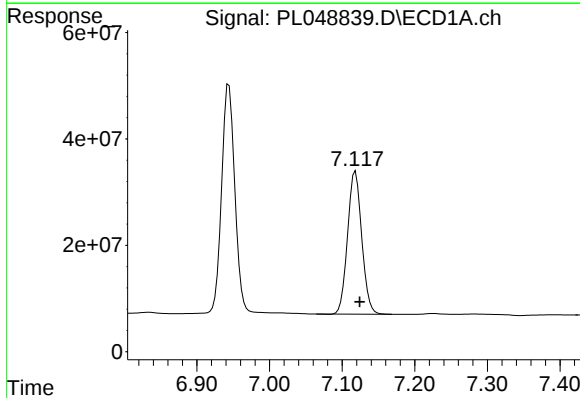
Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



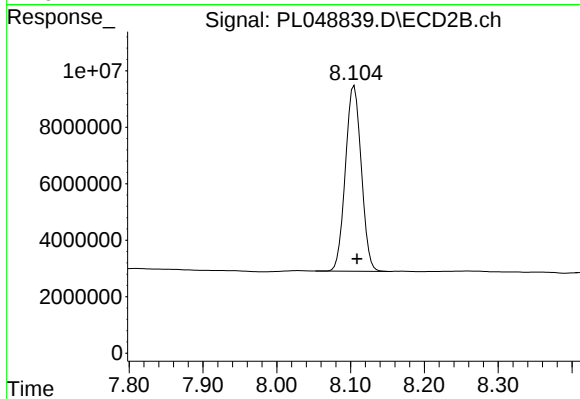
#21 Endrin ketone

R.T.: 7.655 min
Delta R.T.: -0.004 min
Response: 131400955
Conc: 50.29 ng/ml



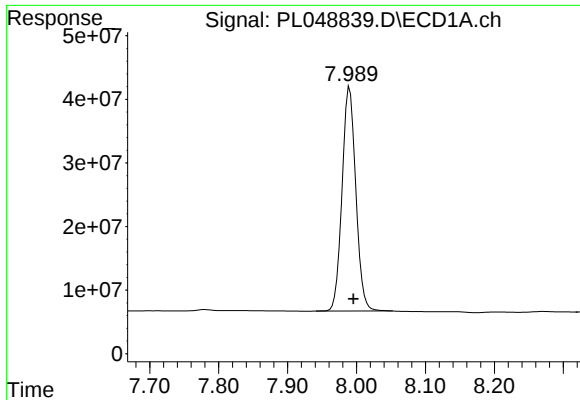
#22 Mirex

R.T.: 7.118 min
Delta R.T.: -0.006 min
Response: 365173851
Conc: 40.74 ng/ml



#22 Mirex

R.T.: 8.105 min
Delta R.T.: -0.004 min
Response: 98240732
Conc: 46.58 ng/ml



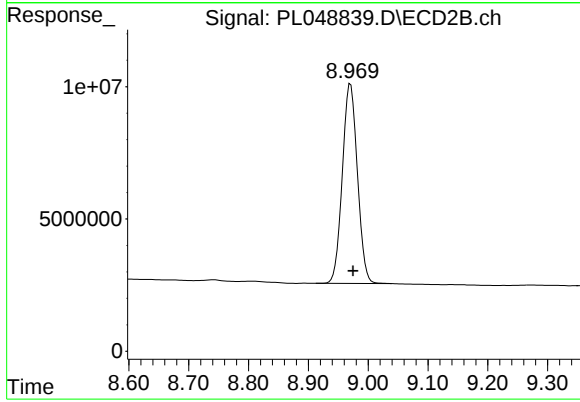
#28 Decachlorobiphenyl

R.T.: 7.990 min
Delta R.T.: -0.006 min
Response: 489763198
Conc: 48.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

Ankita
5/23/2019 10:26:54 AM



#28 Decachlorobiphenyl

R.T.: 8.971 min
Delta R.T.: -0.004 min
Response: 132212359
Conc: 49.81 ng/ml