

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070319\
 Data File : PL050182.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 03 Jul 2019 19:28
 Operator : SM\AJ
 Sample : K3650-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 FK-PS-01-051MS

Manual Integrations
 APPROVED

Ankita
 7/5/2019 10:02:41 AM

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:23:07 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 21 02:23:20 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...	3.319	3.933	185.8E6	57350301	16.476m	18.731
2)	SA Decachlor...	7.984	8.964	134.3E6	33191852	10.568	9.887m
Target Compounds							
2)	A alpha-BHC	3.748	4.321	848.2E6	240.5E6	45.145	53.719
3)	MA gamma-BHC...	4.023	4.605	825.5E6	220.8E6	46.560	53.232
4)	MA Heptachlor	4.308	5.106	791.1E6	196.8E6	43.520	45.461
5)	MB Aldrin	4.546	5.409	673.2E6	169.6E6	38.986	43.301
6)	B beta-BHC	4.278	4.780	347.1E6	97916995	47.451	50.550
7)	B delta-BHC	4.471	4.994	723.7E6	168.6E6	40.465	42.809
8)	B Heptachlo...	4.983	5.795	678.6E6	180.1E6	42.156	49.539
9)	A Endosulfan I	5.313	6.150	660.1E6	164.9E6	42.664	48.551
10)	B gamma-Chl...	5.205	6.029	708.0E6	177.3E6	41.430	47.570
11)	B alpha-Chl...	5.261	6.101	670.3E6	187.1E6	40.380	50.577 #
12)	B 4,4'-DDE	5.428	6.260	550.2E6	150.3E6	33.026	43.304 #
13)	MA Dieldrin	5.552	6.407	675.1E6	165.0E6	40.525	46.525
14)	MA Endrin	5.804	6.624	615.3E6	153.6E6	38.418	48.657 #
15)	B Endosulfa...	6.080	6.835	533.9E6	135.4E6	36.637	42.030
16)	A 4,4'-DDD	5.939	6.751	453.9E6	108.6E6	35.957	41.536
17)	MA 4,4'-DDT	6.173	7.048	408.8E6	104.1E6	30.789	35.560
18)	B Endrin al...	6.245	6.960	371.0E6	99085876	31.407m	36.079
19)	B Endosulfa...	6.456	7.183	481.4E6	145.4E6	37.130m	48.320 #
20)	A Methoxychlor	6.718	7.509	222.4E6	66550055	34.127	39.927
21)	B Endrin ke...	6.939	7.651	504.3E6	141.6E6	35.878	45.449 #
22)	Mirex	7.113	8.099	271.3E6	77122156	26.250	30.499m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070319\
Data File : PL050182.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 03 Jul 2019 19:28
Operator : SM\AJ
Sample : K3650-01MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

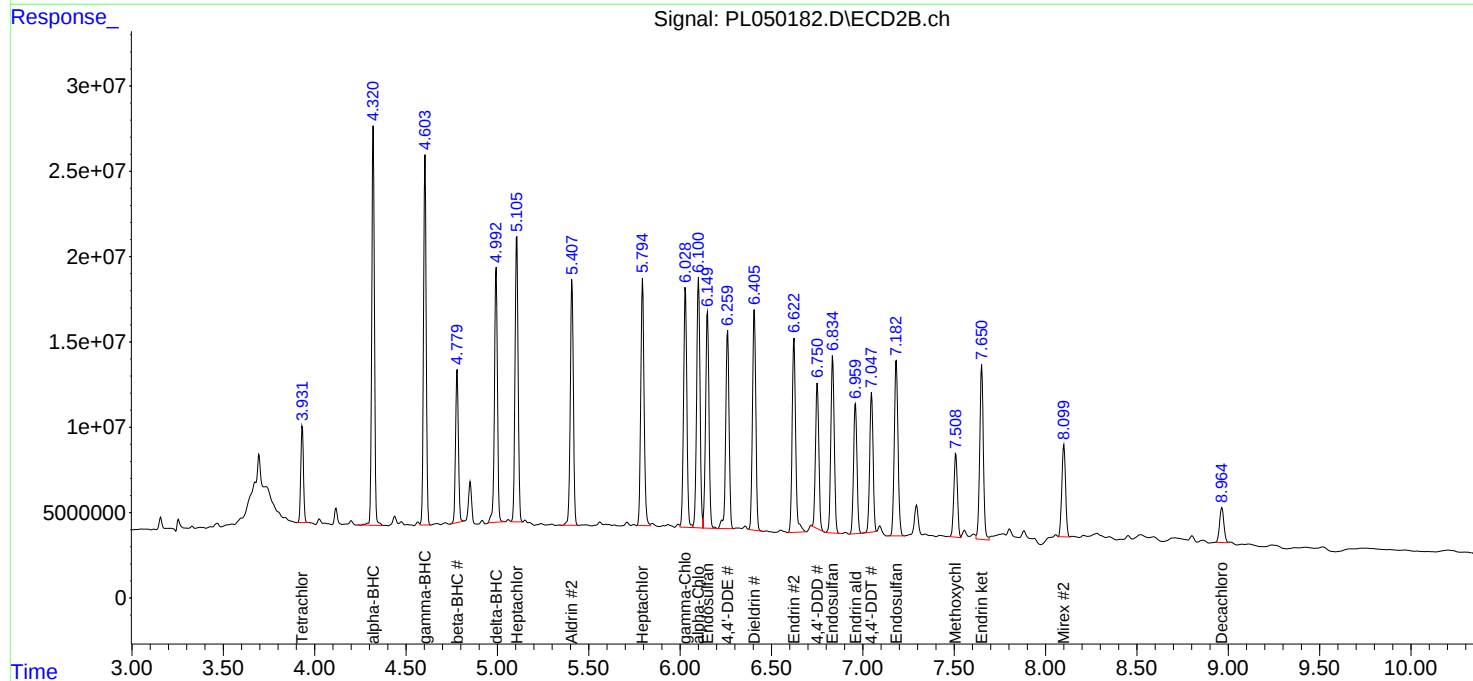
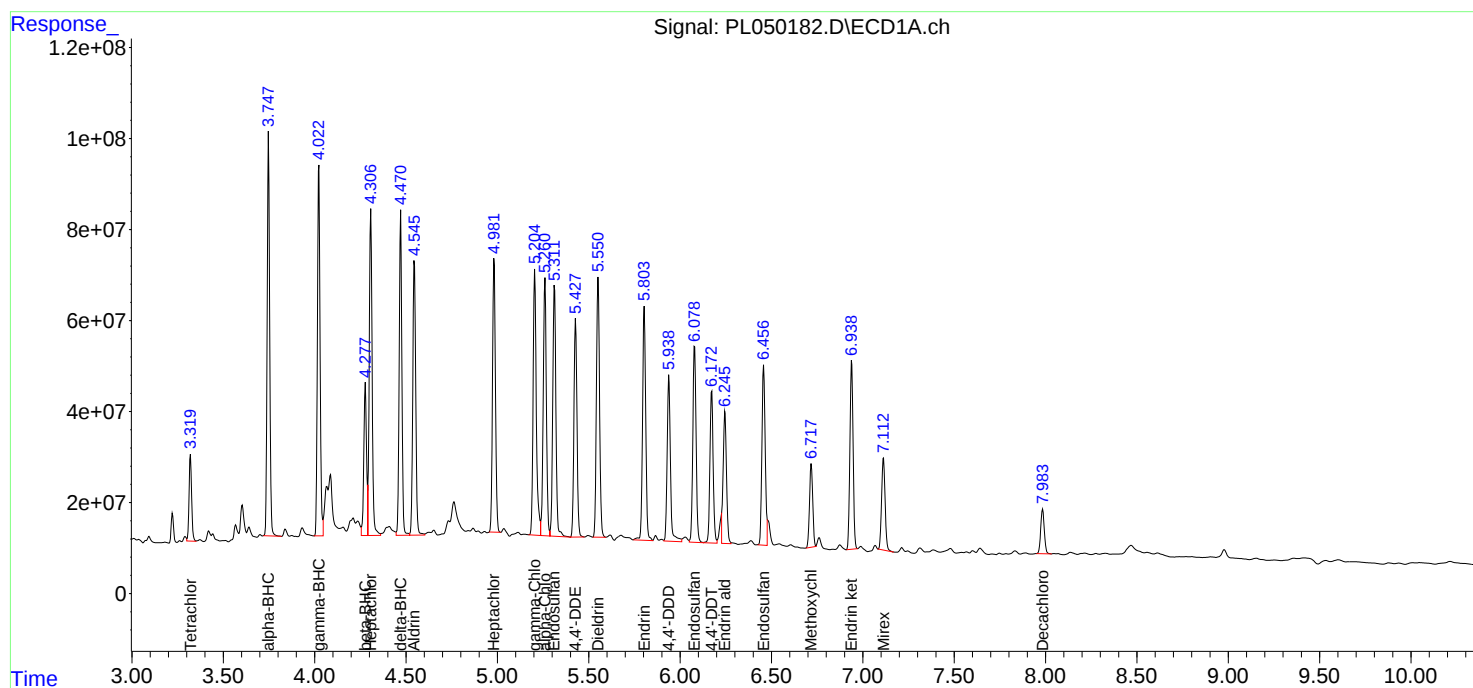
Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

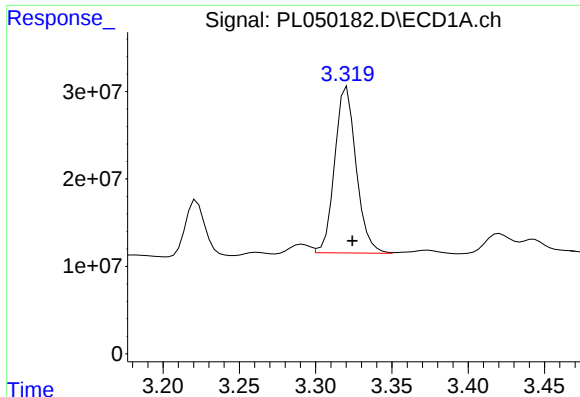
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 22:23:07 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062019.M
Quant Title : GC Extractables
QLast Update : Fri Jun 21 02:23:20 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





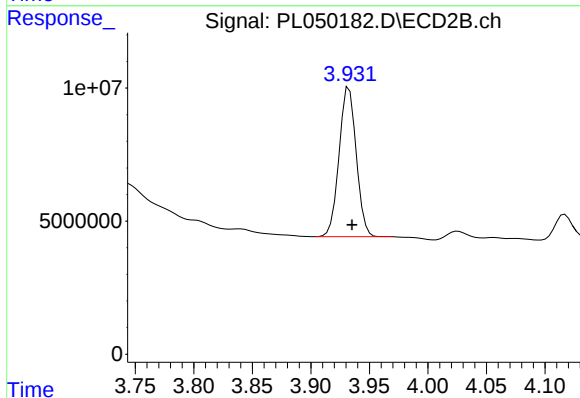
#1 Tetrachloro-m-xylene

R.T.: 3.319 min
Delta R.T.: -0.005 min
Response: 185805803
Conc: 16.48 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

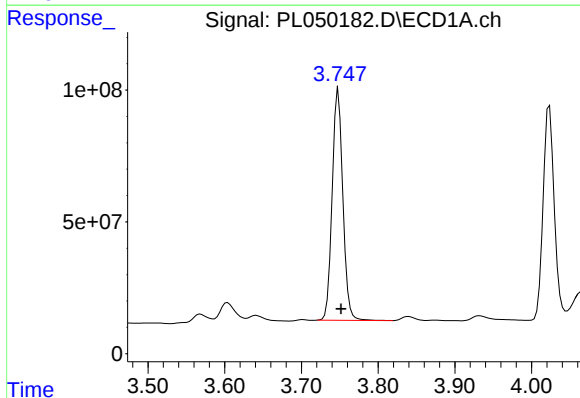
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



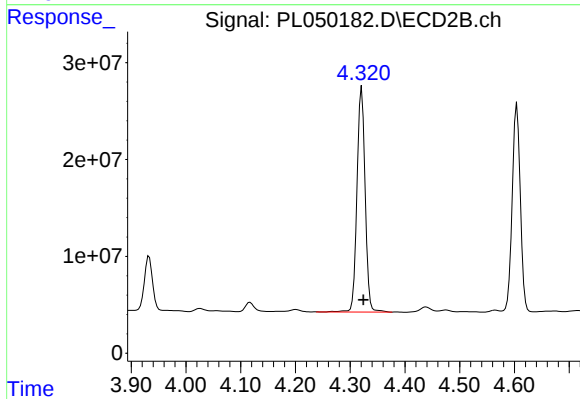
#1 Tetrachloro-m-xylene

R.T.: 3.933 min
Delta R.T.: -0.003 min
Response: 57350301
Conc: 18.73 ng/ml



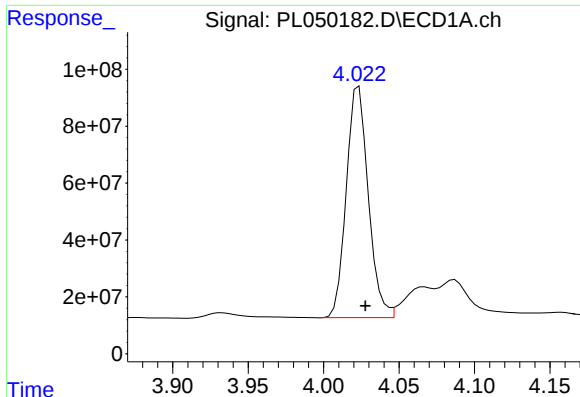
#2 alpha-BHC

R.T.: 3.748 min
Delta R.T.: -0.004 min
Response: 848162449
Conc: 45.15 ng/ml



#2 alpha-BHC

R.T.: 4.321 min
Delta R.T.: -0.003 min
Response: 240477864
Conc: 53.72 ng/ml



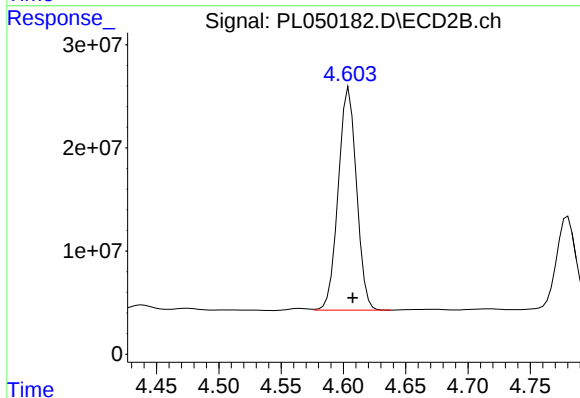
#3 gamma-BHC (Lindane)

R.T.: 4.023 min
Delta R.T.: -0.004 min
Response: 825540158
Conc: 46.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

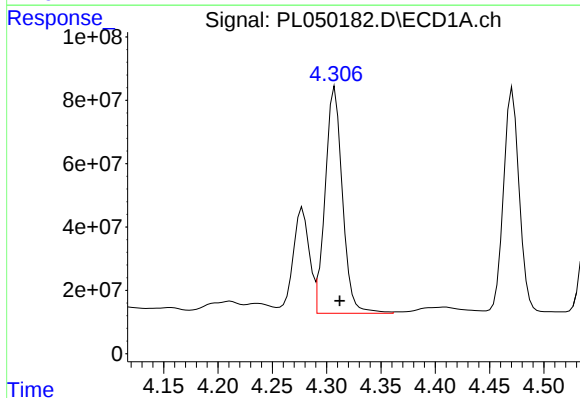
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



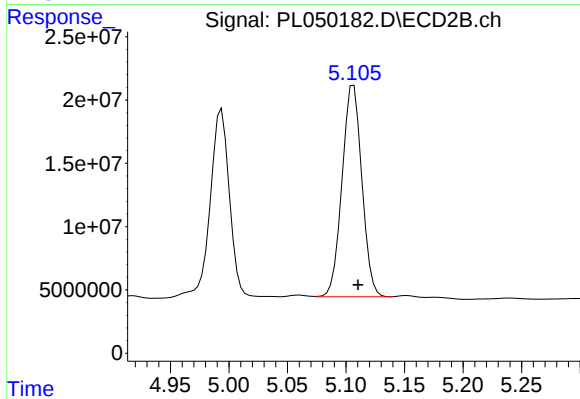
#3 gamma-BHC (Lindane)

R.T.: 4.605 min
Delta R.T.: -0.003 min
Response: 220797040
Conc: 53.23 ng/ml



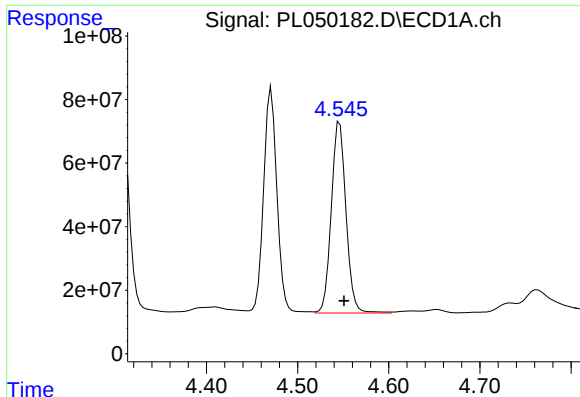
#4 Heptachlor

R.T.: 4.308 min
Delta R.T.: -0.004 min
Response: 791071980
Conc: 43.52 ng/ml



#4 Heptachlor

R.T.: 5.106 min
Delta R.T.: -0.004 min
Response: 196775144
Conc: 45.46 ng/ml



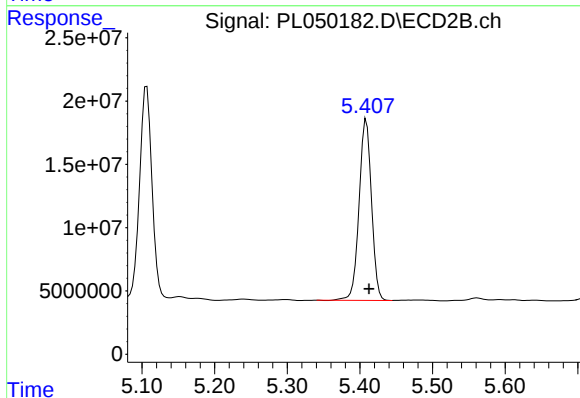
#5 Aldrin

R.T.: 4.546 min
Delta R.T.: -0.005 min
Response: 673206248
Conc: 38.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

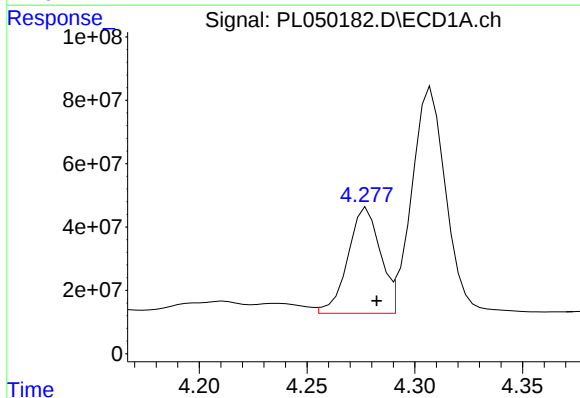
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



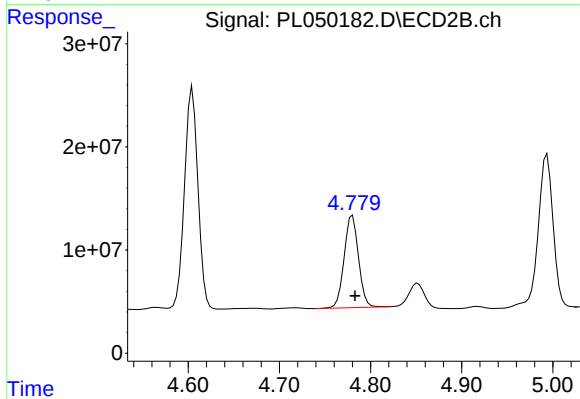
#5 Aldrin

R.T.: 5.409 min
Delta R.T.: -0.004 min
Response: 169613171
Conc: 43.30 ng/ml



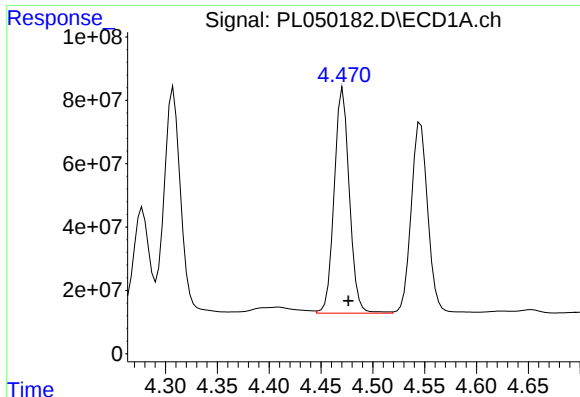
#6 beta-BHC

R.T.: 4.278 min
Delta R.T.: -0.004 min
Response: 347095925
Conc: 47.45 ng/ml



#6 beta-BHC

R.T.: 4.780 min
Delta R.T.: -0.003 min
Response: 97916995
Conc: 50.55 ng/ml



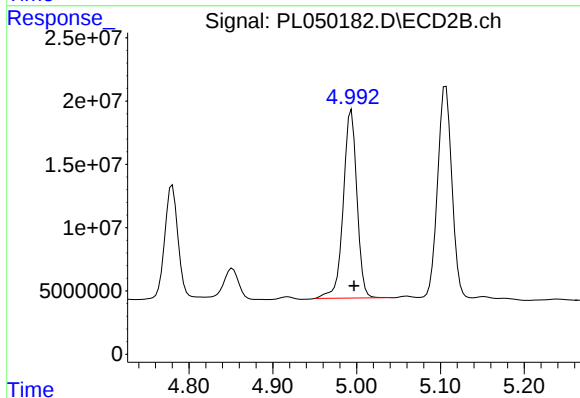
#7 delta-BHC

R.T.: 4.471 min
Delta R.T.: -0.005 min
Response: 723674237
Conc: 40.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

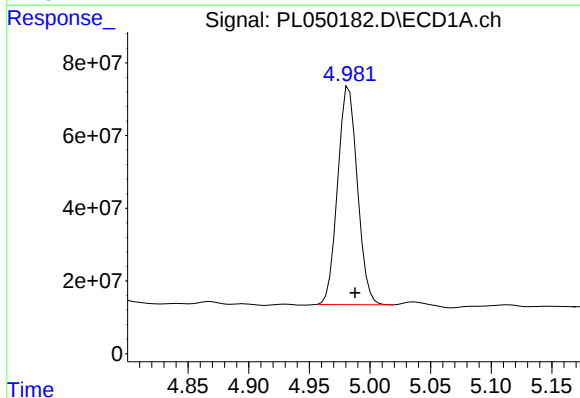
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



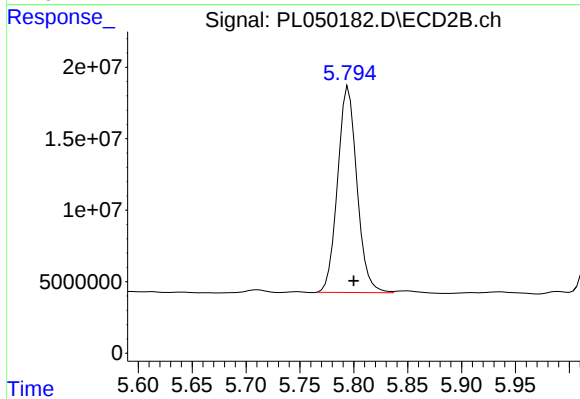
#7 delta-BHC

R.T.: 4.994 min
Delta R.T.: -0.003 min
Response: 168619114
Conc: 42.81 ng/ml



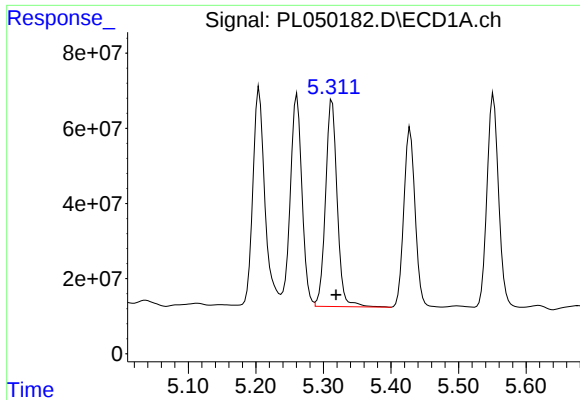
#8 Heptachlor epoxide

R.T.: 4.983 min
Delta R.T.: -0.005 min
Response: 678601598
Conc: 42.16 ng/ml



#8 Heptachlor epoxide

R.T.: 5.795 min
Delta R.T.: -0.005 min
Response: 180112652
Conc: 49.54 ng/ml



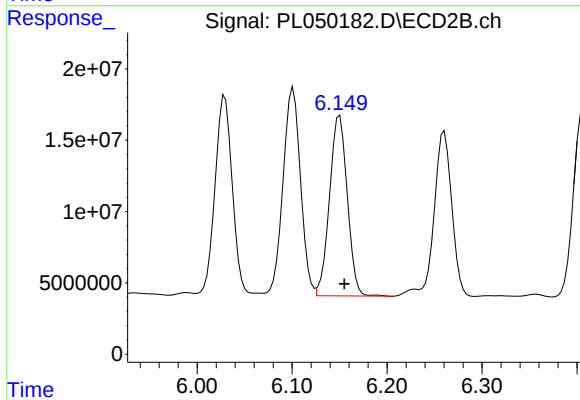
#9 Endosulfan I

R.T.: 5.313 min
Delta R.T.: -0.006 min
Response: 660113526
Conc: 42.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

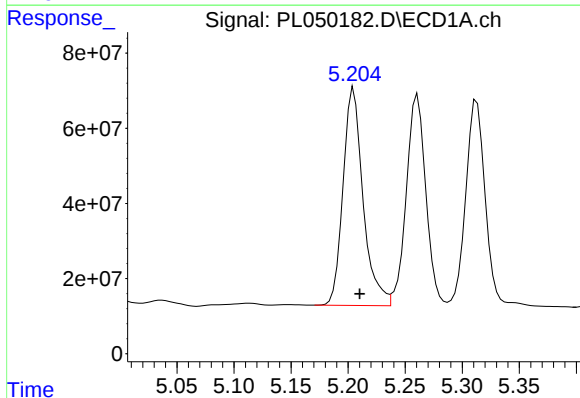
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



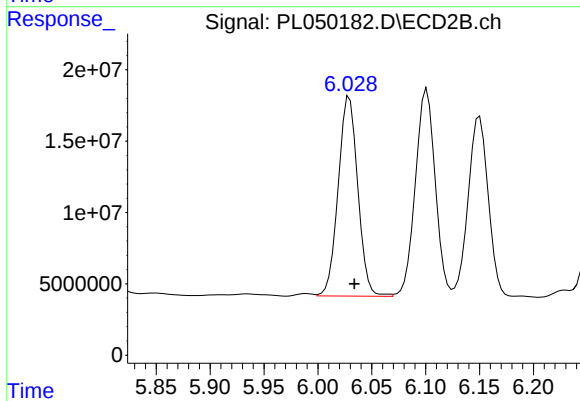
#9 Endosulfan I

R.T.: 6.150 min
Delta R.T.: -0.005 min
Response: 164944046
Conc: 48.55 ng/ml



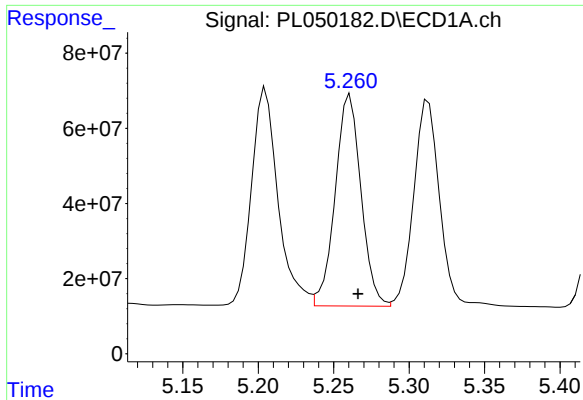
#10 gamma-Chlordane

R.T.: 5.205 min
Delta R.T.: -0.005 min
Response: 707990956
Conc: 41.43 ng/ml



#10 gamma-Chlordane

R.T.: 6.029 min
Delta R.T.: -0.005 min
Response: 177266332
Conc: 47.57 ng/ml



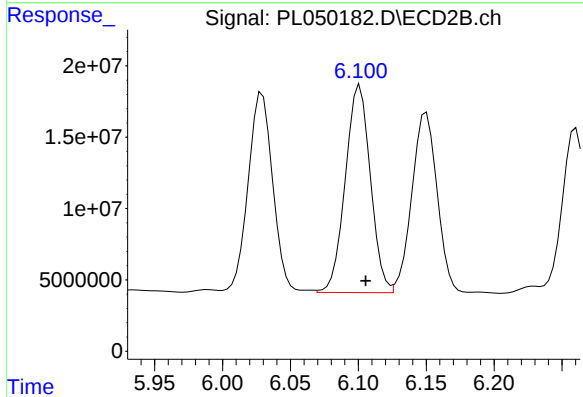
#11 alpha-Chlordane

R.T.: 5.261 min
Delta R.T.: -0.005 min
Response: 670269277
Conc: 40.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

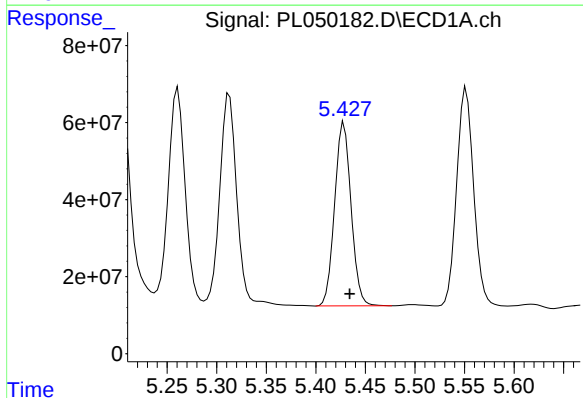
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



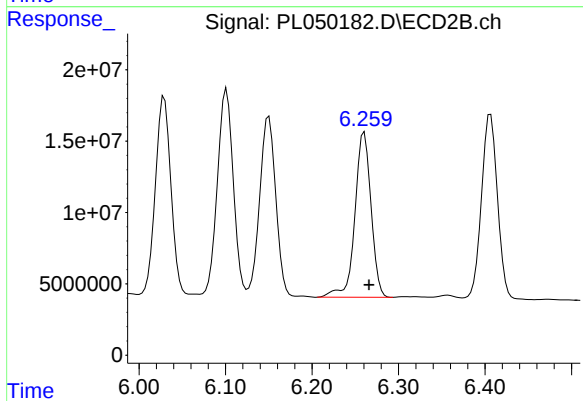
#11 alpha-Chlordane

R.T.: 6.101 min
Delta R.T.: -0.004 min
Response: 187056943
Conc: 50.58 ng/ml



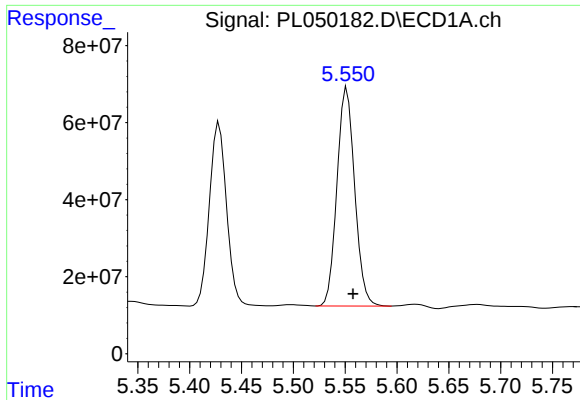
#12 4,4'-DDE

R.T.: 5.428 min
Delta R.T.: -0.006 min
Response: 550183340
Conc: 33.03 ng/ml



#12 4,4'-DDE

R.T.: 6.260 min
Delta R.T.: -0.005 min
Response: 150269652
Conc: 43.30 ng/ml



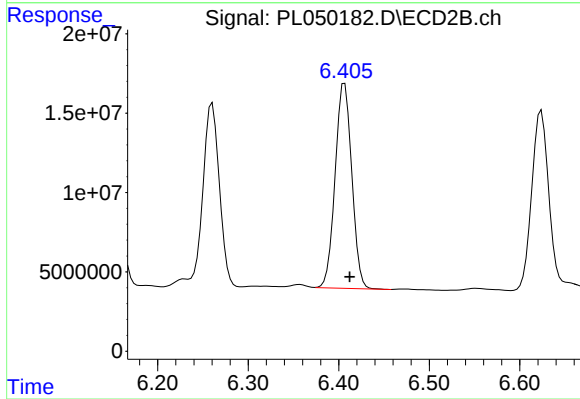
#13 Dieldrin

R.T.: 5.552 min
Delta R.T.: -0.006 min
Response: 675057362
Conc: 40.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

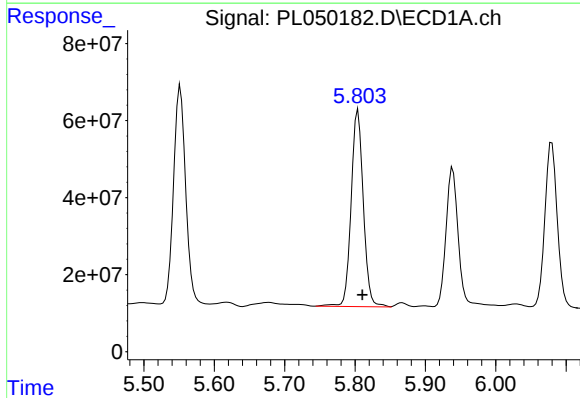
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



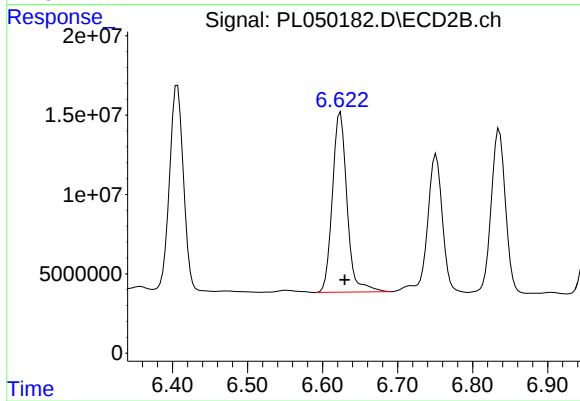
#13 Dieldrin

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 165047426
Conc: 46.52 ng/ml



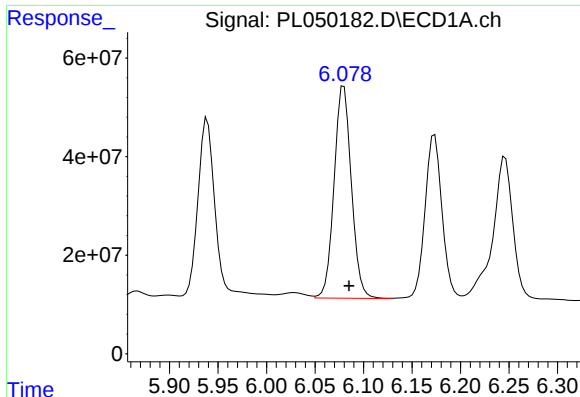
#14 Endrin

R.T.: 5.804 min
Delta R.T.: -0.006 min
Response: 615260595
Conc: 38.42 ng/ml



#14 Endrin

R.T.: 6.624 min
Delta R.T.: -0.006 min
Response: 153619380
Conc: 48.66 ng/ml



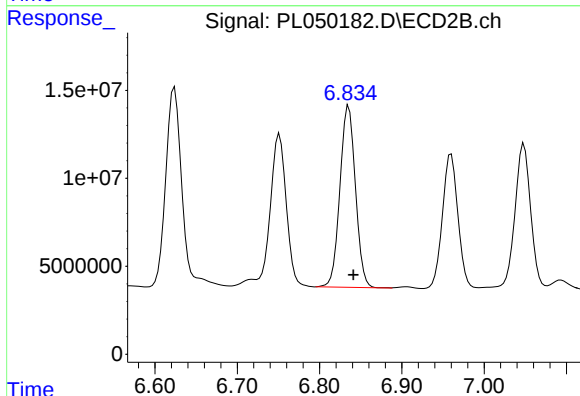
#15 Endosulfan II

R.T.: 6.080 min
Delta R.T.: -0.005 min
Response: 533857359
Conc: 36.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

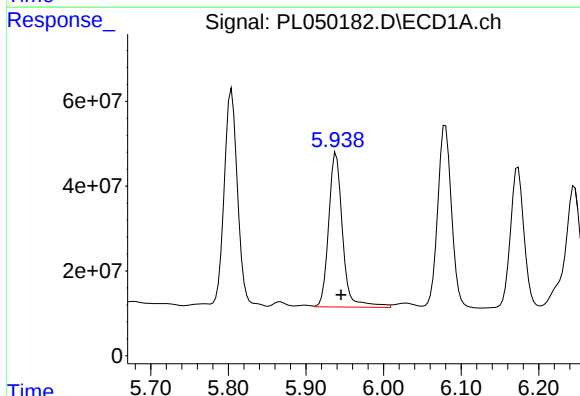
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



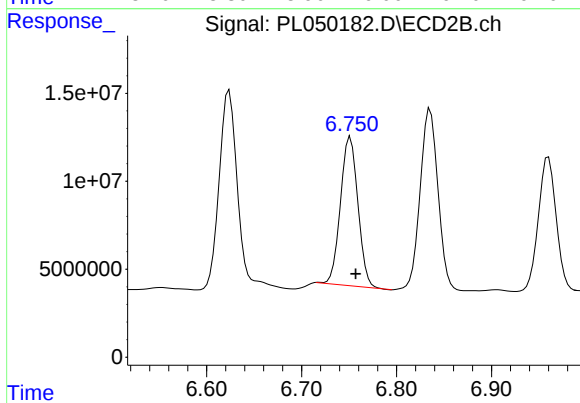
#15 Endosulfan II

R.T.: 6.835 min
Delta R.T.: -0.006 min
Response: 135374061
Conc: 42.03 ng/ml



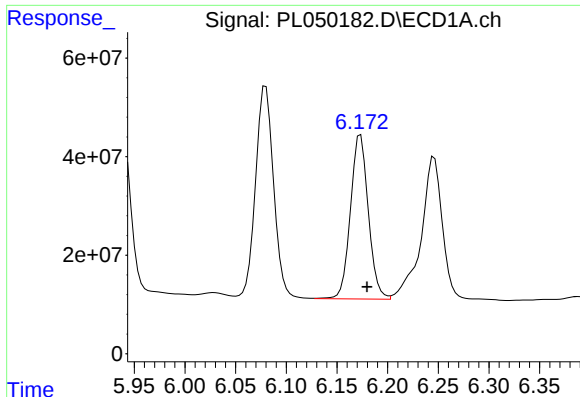
#16 4,4'-DDD

R.T.: 5.939 min
Delta R.T.: -0.006 min
Response: 453922230
Conc: 35.96 ng/ml



#16 4,4'-DDD

R.T.: 6.751 min
Delta R.T.: -0.006 min
Response: 108585979
Conc: 41.54 ng/ml



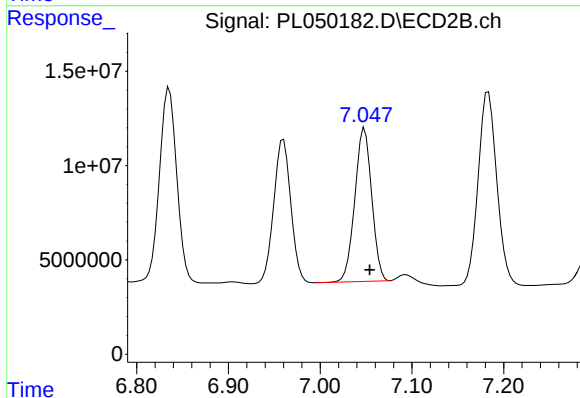
#17 4,4'-DDT

R.T.: 6.173 min
Delta R.T.: -0.006 min
Response: 408755278
Conc: 30.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

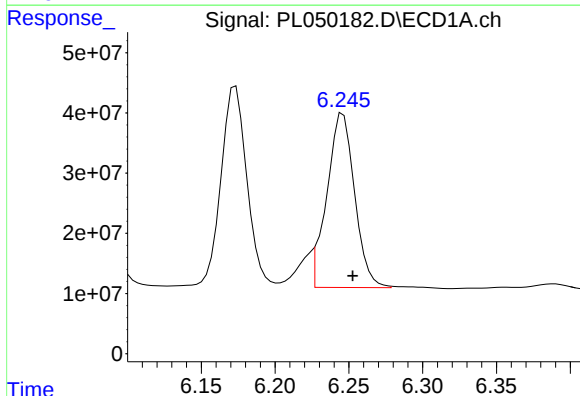
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



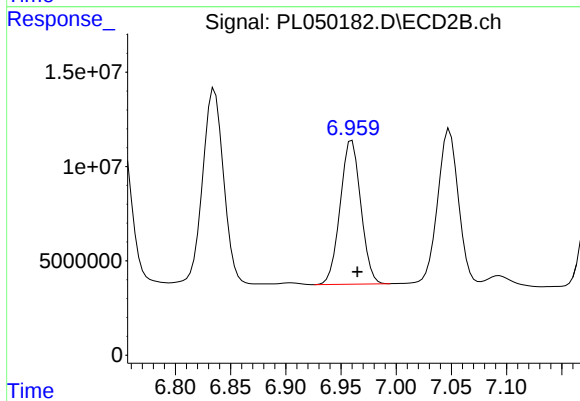
#17 4,4'-DDT

R.T.: 7.048 min
Delta R.T.: -0.005 min
Response: 104148355
Conc: 35.56 ng/ml



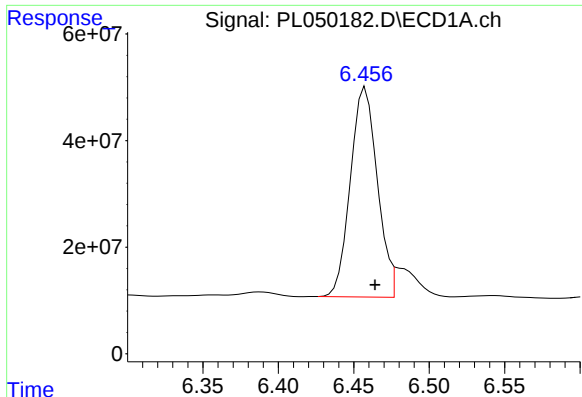
#18 Endrin aldehyde

R.T.: 6.245 min
Delta R.T.: -0.008 min
Response: 370972677
Conc: 31.41 ng/ml m



#18 Endrin aldehyde

R.T.: 6.960 min
Delta R.T.: -0.005 min
Response: 99085876
Conc: 36.08 ng/ml



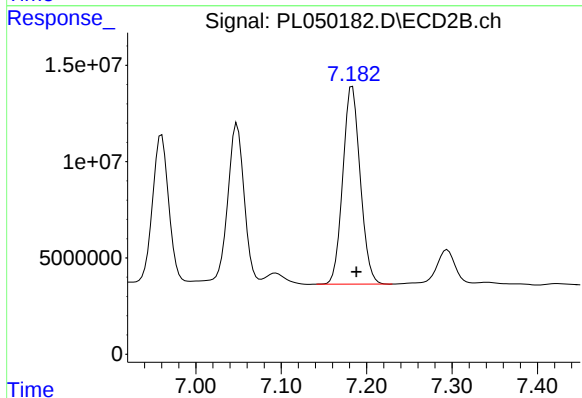
#19 Endosulfan Sulfate

R.T.: 6.456 min
Delta R.T.: -0.008 min
Response: 481412572
Conc: 37.13 ng/ml m

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

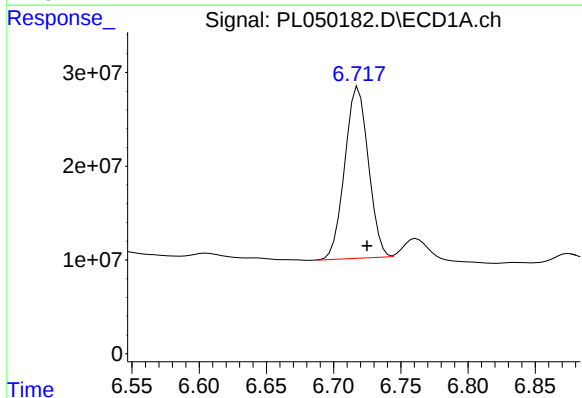
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



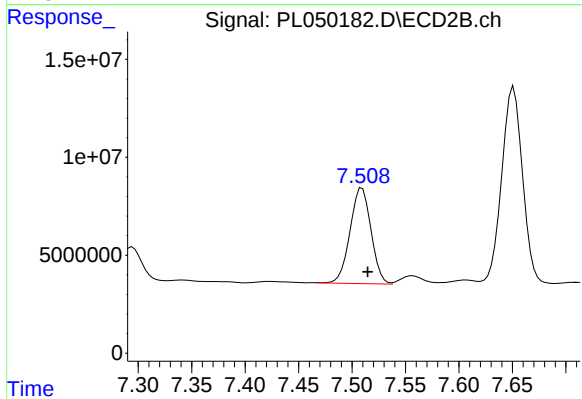
#19 Endosulfan Sulfate

R.T.: 7.183 min
Delta R.T.: -0.005 min
Response: 145424218
Conc: 48.32 ng/ml



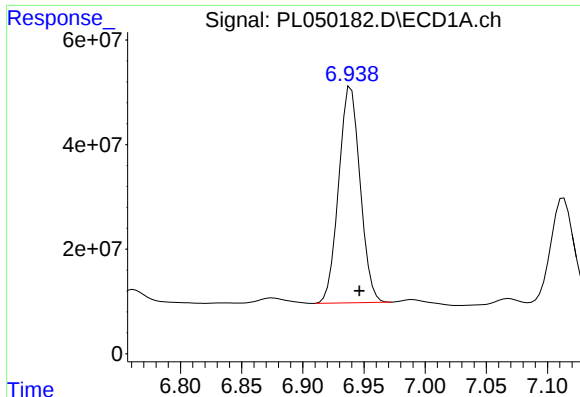
#20 Methoxychlor

R.T.: 6.718 min
Delta R.T.: -0.007 min
Response: 222448518
Conc: 34.13 ng/ml



#20 Methoxychlor

R.T.: 7.509 min
Delta R.T.: -0.005 min
Response: 66550055
Conc: 39.93 ng/ml



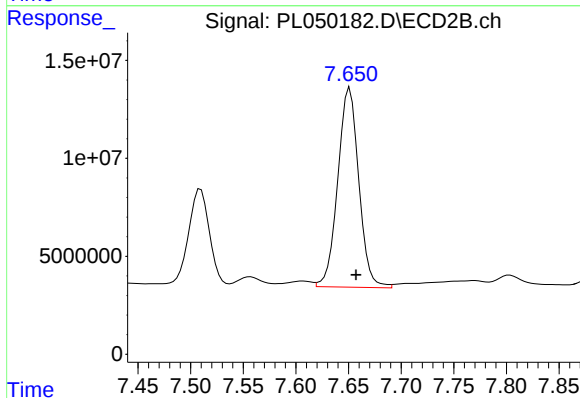
#21 Endrin ketone

R.T.: 6.939 min
Delta R.T.: -0.007 min
Response: 504269695
Conc: 35.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

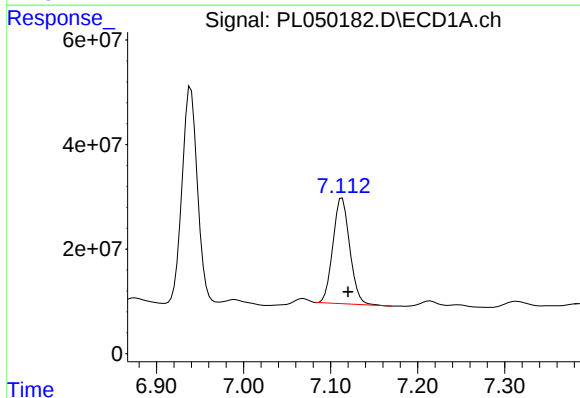
Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



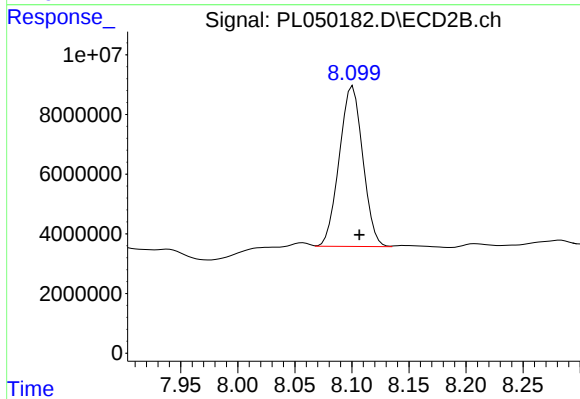
#21 Endrin ketone

R.T.: 7.651 min
Delta R.T.: -0.006 min
Response: 141627013
Conc: 45.45 ng/ml



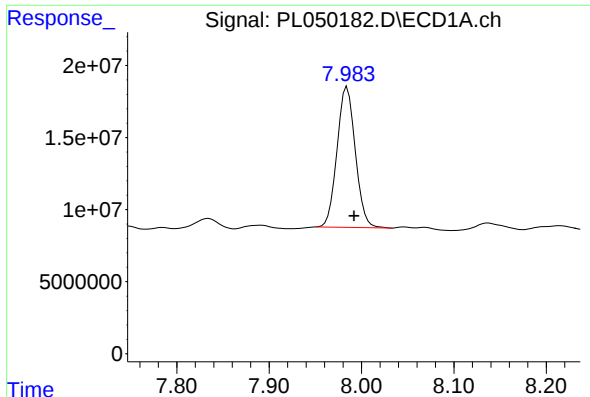
#22 Mirex

R.T.: 7.113 min
Delta R.T.: -0.007 min
Response: 271339885
Conc: 26.25 ng/ml



#22 Mirex

R.T.: 8.099 min
Delta R.T.: -0.007 min
Response: 77122156
Conc: 30.50 ng/ml m



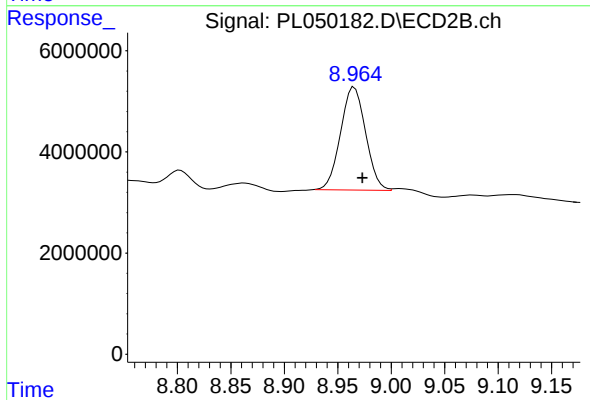
#28 Decachlorobiphenyl

R.T.: 7.984 min
Delta R.T.: -0.008 min
Response: 134280270
Conc: 10.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
FK-PS-01-051MS

Manual Integrations
APPROVED

Ankita
7/5/2019 10:02:41 AM



#28 Decachlorobiphenyl

R.T.: 8.964 min
Delta R.T.: -0.009 min
Response: 33191852
Conc: 9.89 ng/ml m