

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072418\
 Data File : PL038476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Jul 2018 13:50
 Operator : AJ\SJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Sohil
 7/25/2018 1:27:16 PM

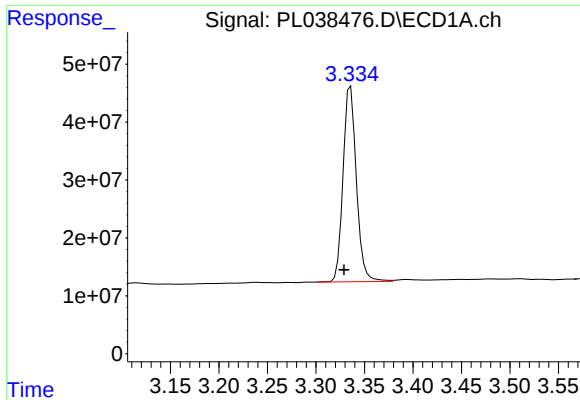
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 25 03:53:49 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL071318.M
 Quant Title : GC Extractables
 QLast Update : Sat Jul 14 00:12:12 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.336	3.928	322.1E6	128.0E6	43.252	48.750
28)	SA Decachlor...	8.006	8.938	321.8E6	115.3E6	42.422	47.148
Target Compounds							
2)	A alpha-BHC	3.766	4.307	489.7E6	191.5E6	41.448	49.490
3)	MA gamma-BHC...	4.041	4.586	441.6E6	169.2E6	42.123m	46.840m
4)	MA Heptachlor	4.326	5.098	441.2E6	163.1E6	41.480	51.015
5)	MB Aldrin	4.565	5.400	430.8E6	155.4E6	41.156	50.364
6)	B beta-BHC	4.296	4.750	200.2E6	75767579	42.419	49.949
7)	B delta-BHC	4.490	4.964	471.1E6	163.7E6	43.403	49.355
8)	B Heptachlo...	5.002	5.780	407.7E6	139.7E6	43.239m	49.164
9)	A Endosulfan I	5.333	6.133	375.6E6	118.8E6	43.418	46.193
10)	B gamma-Chl...	5.225	6.013	430.0E6	138.7E6	43.505	47.834
11)	B alpha-Chl...	5.282	6.086	410.0E6	139.6E6	43.311	48.721
12)	B 4,4'-DDE	5.450	6.242	410.4E6	129.5E6	42.801	48.426
13)	MA Dieldrin	5.573	6.386	426.6E6	130.3E6	44.390	47.888m
14)	MA Endrin	5.826	6.600	376.4E6	117.0E6	43.319	48.976m
15)	B Endosulfa...	6.102	6.805	379.0E6	115.8E6	47.798	48.204
16)	A 4,4'-DDD	5.960	6.724	394.4E6	103.1E6	53.762m	48.171
17)	MA 4,4'-DDT	6.194	7.023	309.9E6	92885989	41.718m	43.567
18)	B Endrin al...	6.269	6.927	287.1E6	95778325	45.093	49.082
19)	B Endosulfa...	6.480	7.150	345.0E6	106.7E6	45.682	48.962
20)	A Methoxychlor	6.744	7.479	162.1E6	51635969	42.141	45.348
21)	B Endrin ke...	6.961	7.614	392.7E6	116.6E6	50.047m	48.936

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



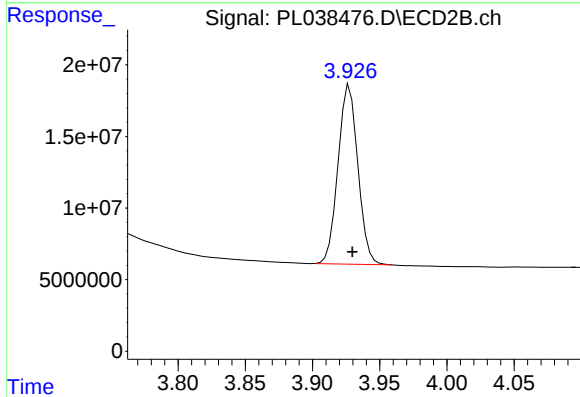
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.007 min
Response: 322071386
Conc: 43.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

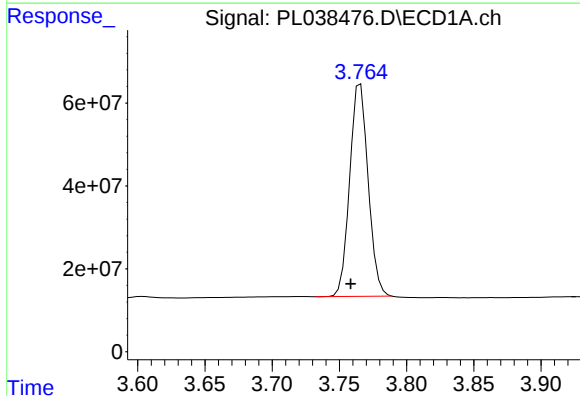
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



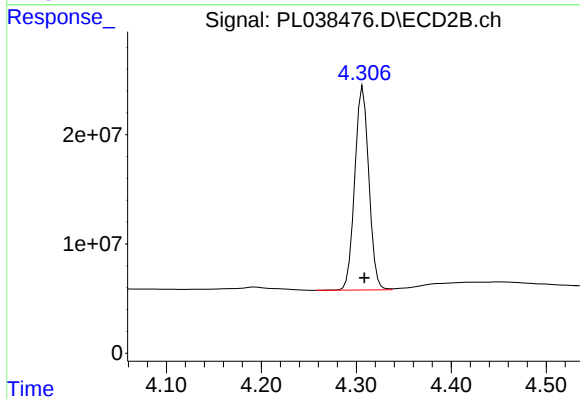
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.002 min
Response: 127966353
Conc: 48.75 ng/ml



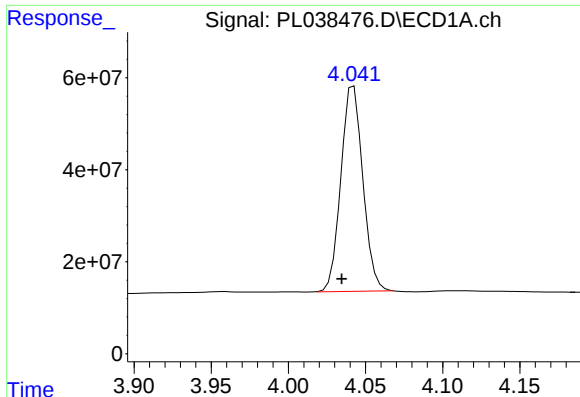
#2 alpha-BHC

R.T.: 3.766 min
Delta R.T.: 0.007 min
Response: 489728184
Conc: 41.45 ng/ml



#2 alpha-BHC

R.T.: 4.307 min
Delta R.T.: -0.002 min
Response: 191534468
Conc: 49.49 ng/ml



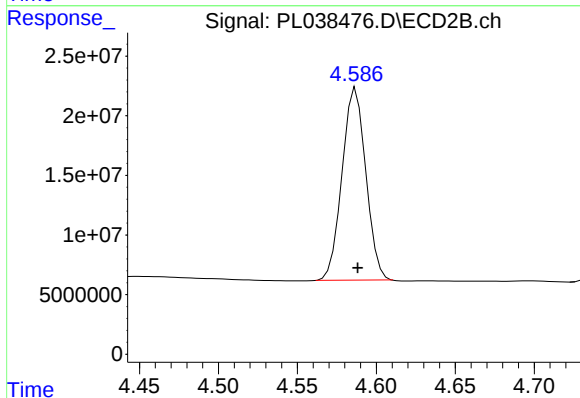
#3 gamma-BHC (Lindane)

R.T.: 4.041 min
Delta R.T.: 0.006 min
Response: 441605719
Conc: 42.12 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

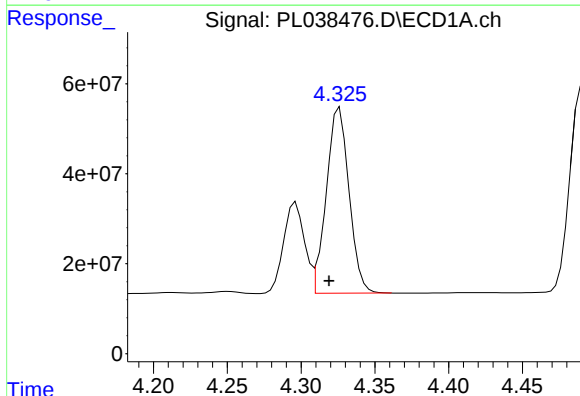
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



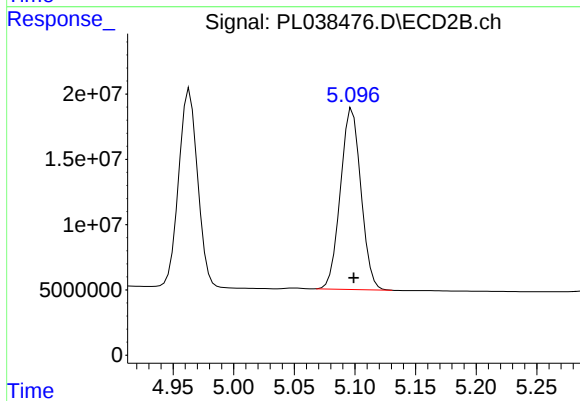
#3 gamma-BHC (Lindane)

R.T.: 4.586 min
Delta R.T.: -0.002 min
Response: 169175027
Conc: 46.84 ng/ml m



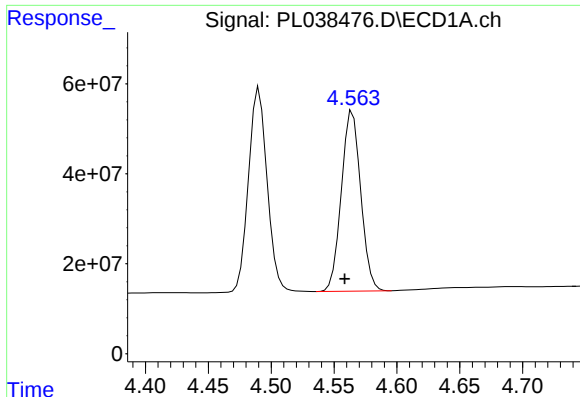
#4 Heptachlor

R.T.: 4.326 min
Delta R.T.: 0.007 min
Response: 441240716
Conc: 41.48 ng/ml



#4 Heptachlor

R.T.: 5.098 min
Delta R.T.: -0.001 min
Response: 163056949
Conc: 51.02 ng/ml



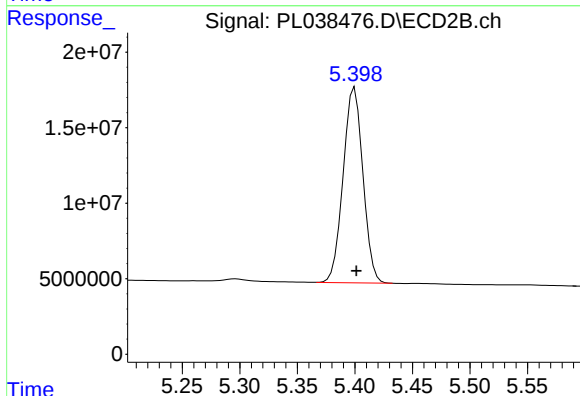
#5 Aldrin

R.T.: 4.565 min
Delta R.T.: 0.006 min
Response: 430791690
Conc: 41.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

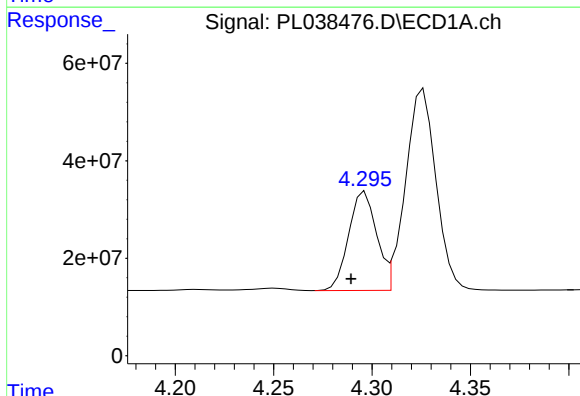
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



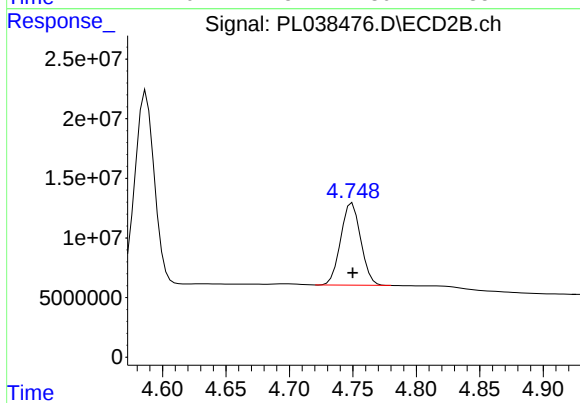
#5 Aldrin

R.T.: 5.400 min
Delta R.T.: -0.002 min
Response: 155433330
Conc: 50.36 ng/ml



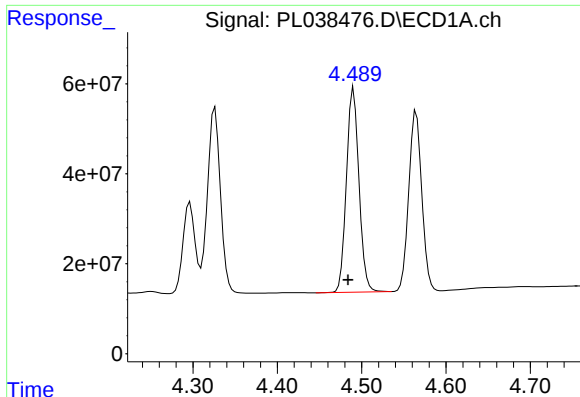
#6 beta-BHC

R.T.: 4.296 min
Delta R.T.: 0.007 min
Response: 200233473
Conc: 42.42 ng/ml



#6 beta-BHC

R.T.: 4.750 min
Delta R.T.: 0.000 min
Response: 75767579
Conc: 49.95 ng/ml



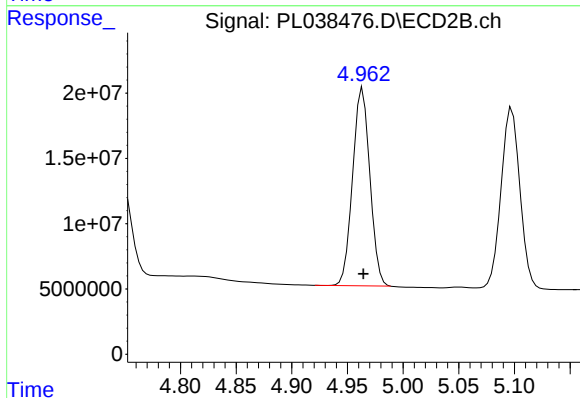
#7 delta-BHC

R.T.: 4.490 min
Delta R.T.: 0.007 min
Response: 471101393
Conc: 43.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

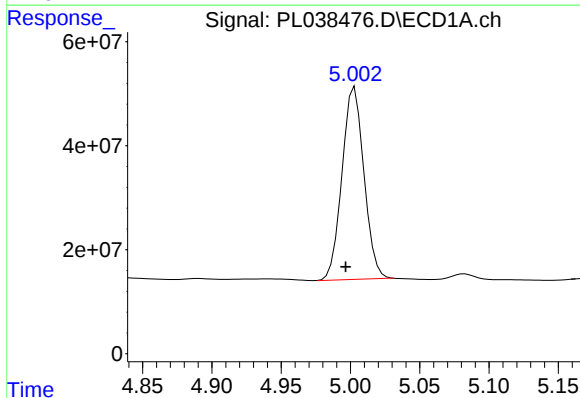
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



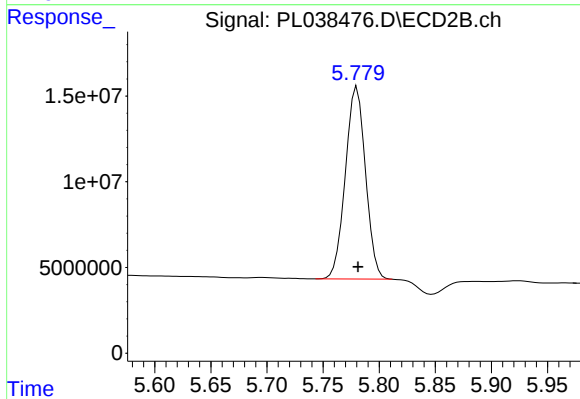
#7 delta-BHC

R.T.: 4.964 min
Delta R.T.: 0.000 min
Response: 163690397
Conc: 49.35 ng/ml



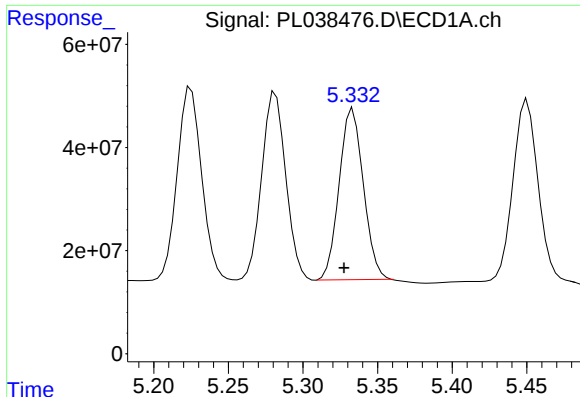
#8 Heptachlor epoxide

R.T.: 5.002 min
Delta R.T.: 0.005 min
Response: 407674588
Conc: 43.24 ng/ml m



#8 Heptachlor epoxide

R.T.: 5.780 min
Delta R.T.: 0.000 min
Response: 139720233
Conc: 49.16 ng/ml



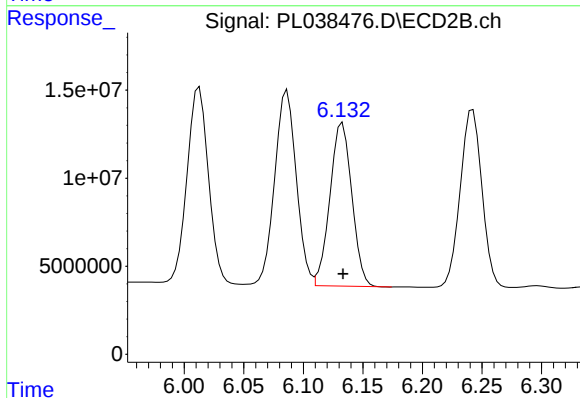
#9 Endosulfan I

R.T.: 5.333 min
Delta R.T.: 0.006 min
Response: 37555108
Conc: 43.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

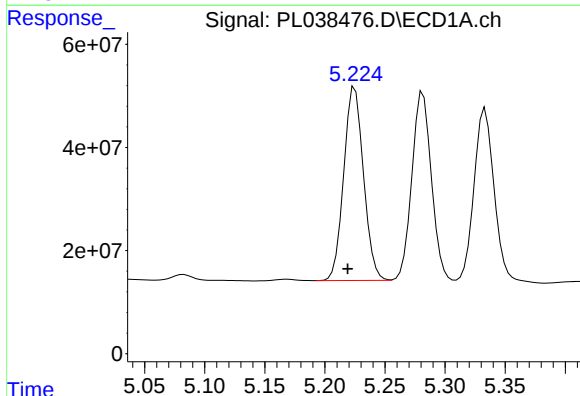
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



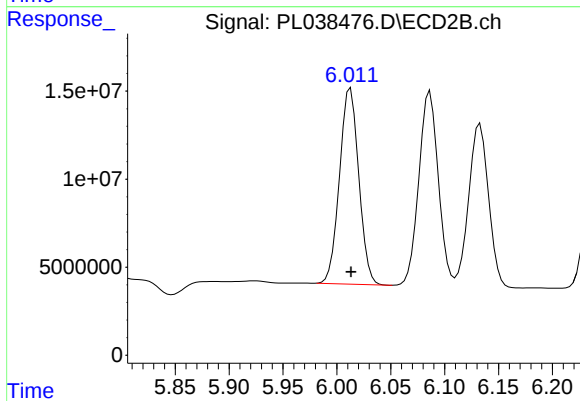
#9 Endosulfan I

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 118798926
Conc: 46.19 ng/ml



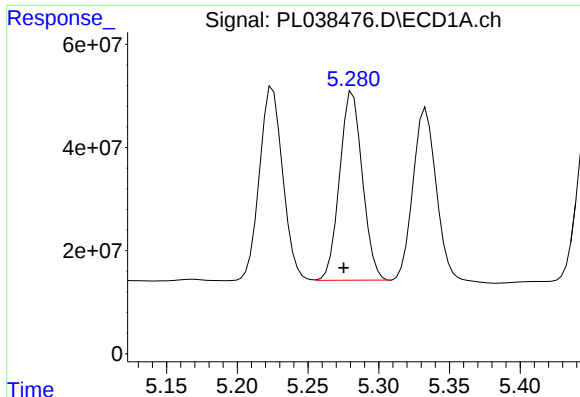
#10 gamma-Chlordane

R.T.: 5.225 min
Delta R.T.: 0.006 min
Response: 430005366
Conc: 43.51 ng/ml



#10 gamma-Chlordane

R.T.: 6.013 min
Delta R.T.: 0.000 min
Response: 138680623
Conc: 47.83 ng/ml



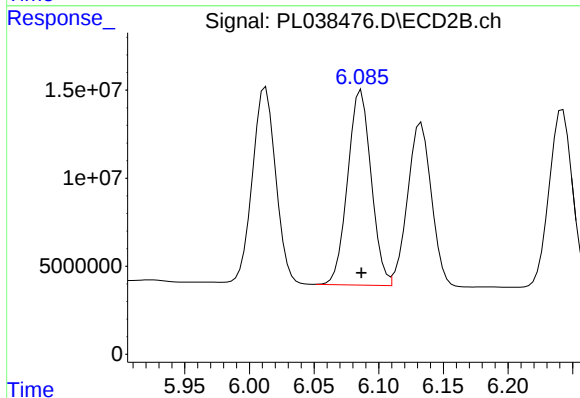
#11 alpha-Chlordane

R.T.: 5.282 min
Delta R.T.: 0.006 min
Response: 409975239
Conc: 43.31 ng/ml

Instrument :
ECD_L
ClientSampled :
PSTDCCC050

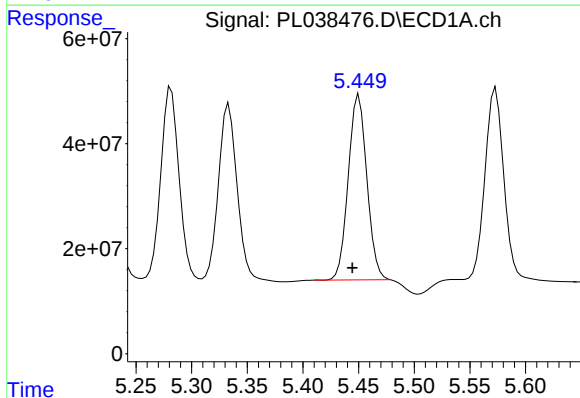
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



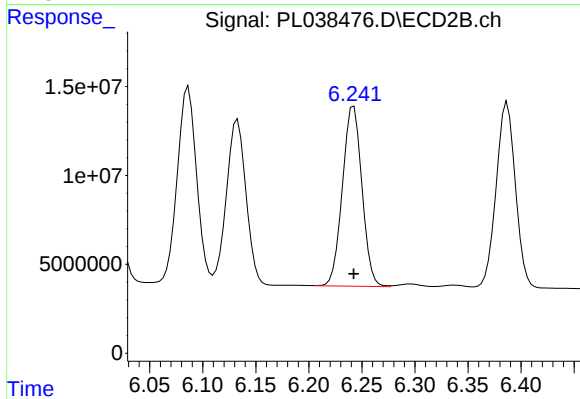
#11 alpha-Chlordane

R.T.: 6.086 min
Delta R.T.: 0.000 min
Response: 139646205
Conc: 48.72 ng/ml



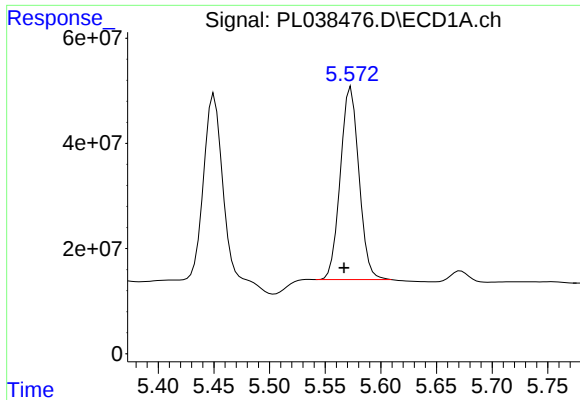
#12 4,4'-DDE

R.T.: 5.450 min
Delta R.T.: 0.006 min
Response: 410371926
Conc: 42.80 ng/ml



#12 4,4'-DDE

R.T.: 6.242 min
Delta R.T.: 0.000 min
Response: 129494787
Conc: 48.43 ng/ml



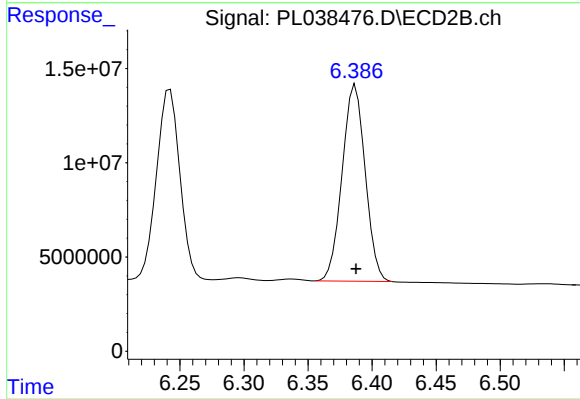
#13 Dieldrin

R.T.: 5.573 min
Delta R.T.: 0.006 min
Response: 426595920
Conc: 44.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

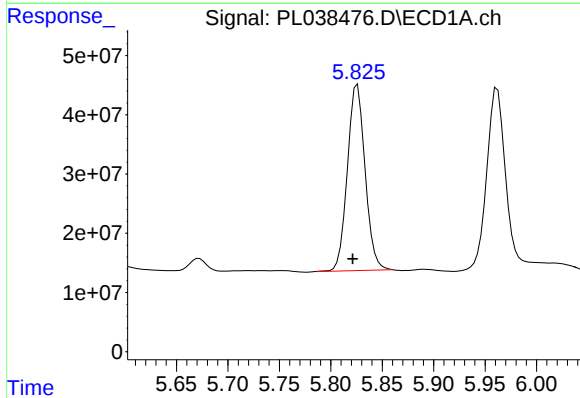
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



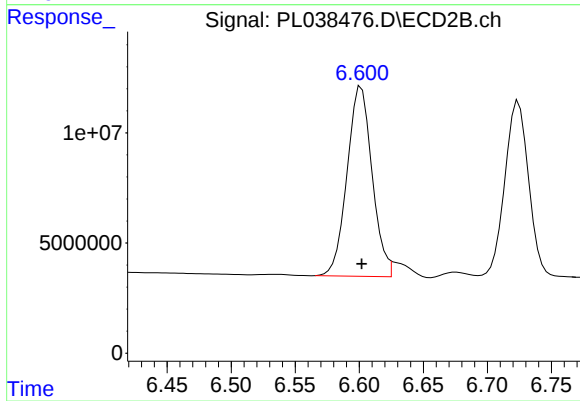
#13 Dieldrin

R.T.: 6.386 min
Delta R.T.: -0.002 min
Response: 130340730
Conc: 47.89 ng/ml m



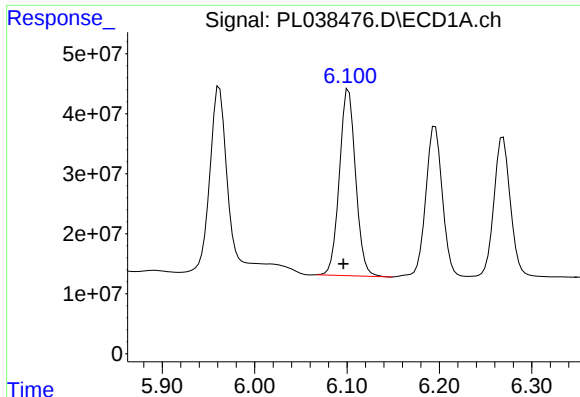
#14 Endrin

R.T.: 5.826 min
Delta R.T.: 0.005 min
Response: 376375350
Conc: 43.32 ng/ml



#14 Endrin

R.T.: 6.600 min
Delta R.T.: -0.002 min
Response: 116960599
Conc: 48.98 ng/ml m



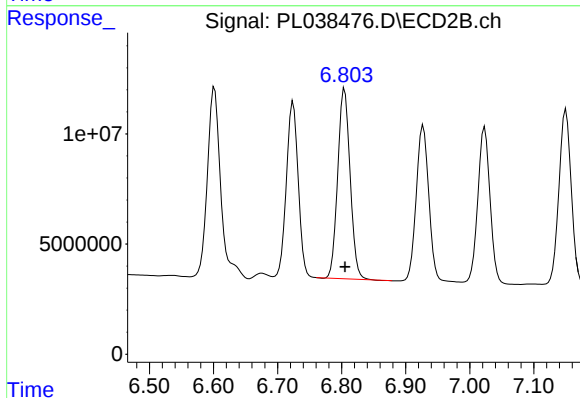
#15 Endosulfan II

R.T.: 6.102 min
Delta R.T.: 0.006 min
Response: 379040386
Conc: 47.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

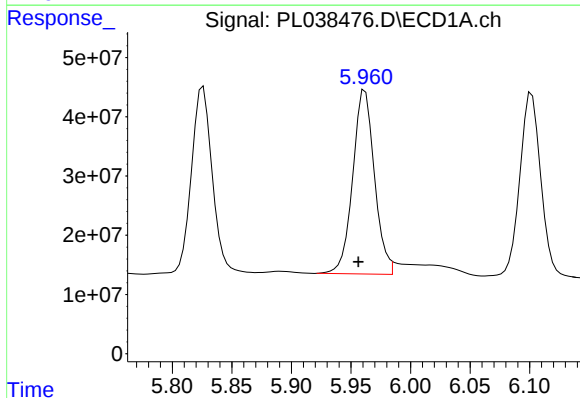
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



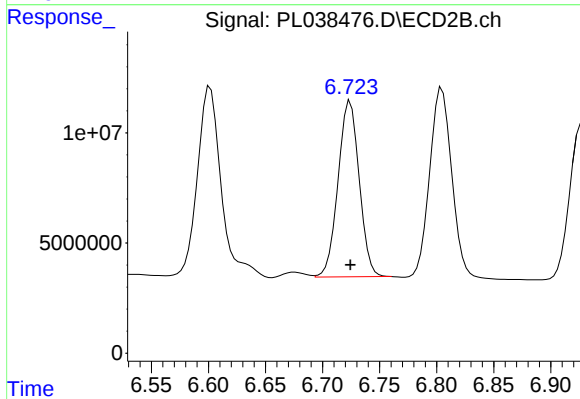
#15 Endosulfan II

R.T.: 6.805 min
Delta R.T.: 0.000 min
Response: 115756357
Conc: 48.20 ng/ml



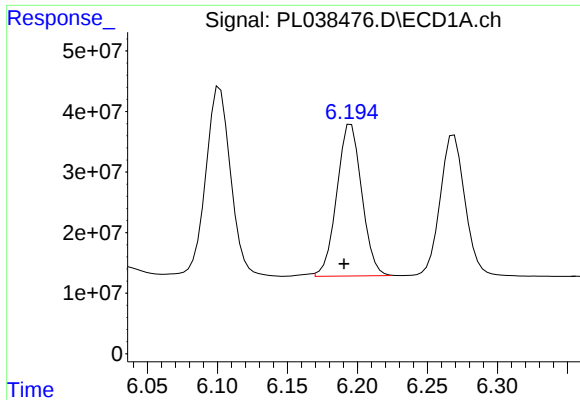
#16 4,4'-DDD

R.T.: 5.960 min
Delta R.T.: 0.004 min
Response: 394374736
Conc: 53.76 ng/ml m



#16 4,4'-DDD

R.T.: 6.724 min
Delta R.T.: 0.000 min
Response: 103105467
Conc: 48.17 ng/ml



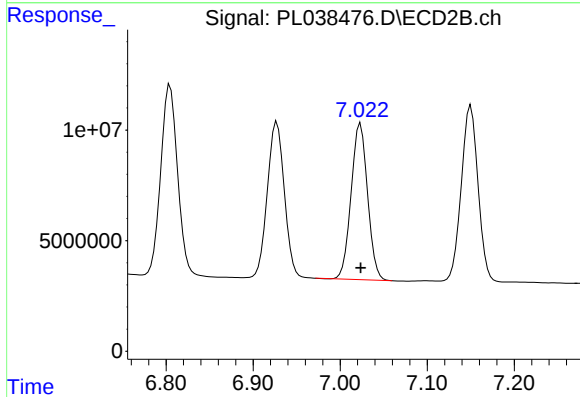
#17 4,4'-DDT

R.T.: 6.194 min
Delta R.T.: 0.004 min
Response: 309907260
Conc: 41.72 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

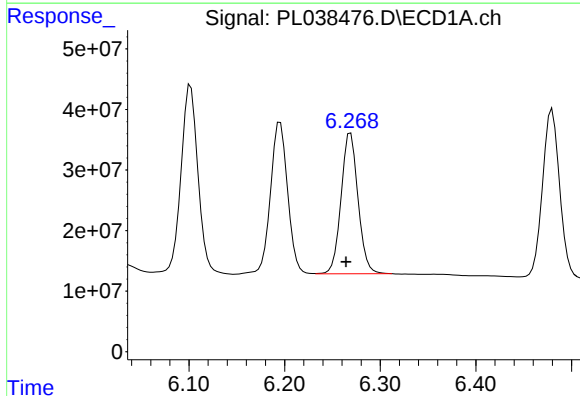
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



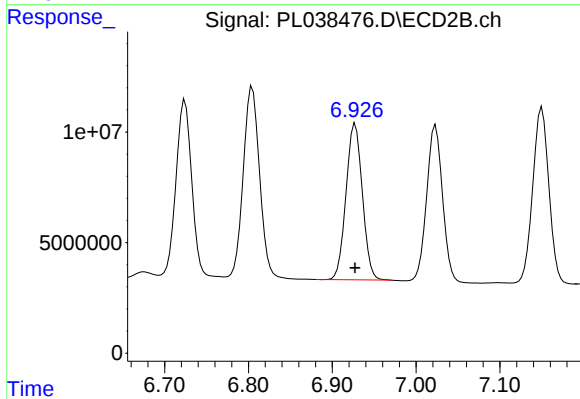
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.000 min
Response: 92885989
Conc: 43.57 ng/ml



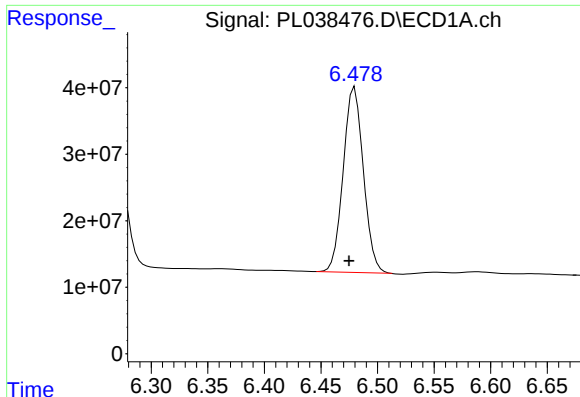
#18 Endrin aldehyde

R.T.: 6.269 min
Delta R.T.: 0.005 min
Response: 287135487
Conc: 45.09 ng/ml



#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.000 min
Response: 95778325
Conc: 49.08 ng/ml



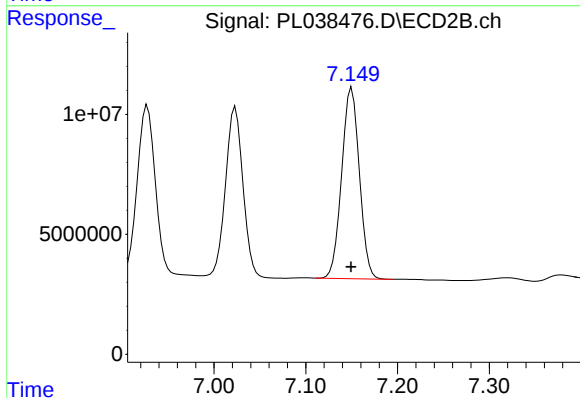
#19 Endosulfan Sulfate

R.T.: 6.480 min
Delta R.T.: 0.005 min
Response: 345046997
Conc: 45.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

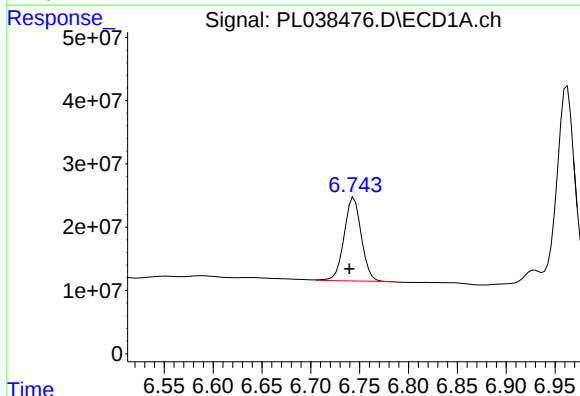
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



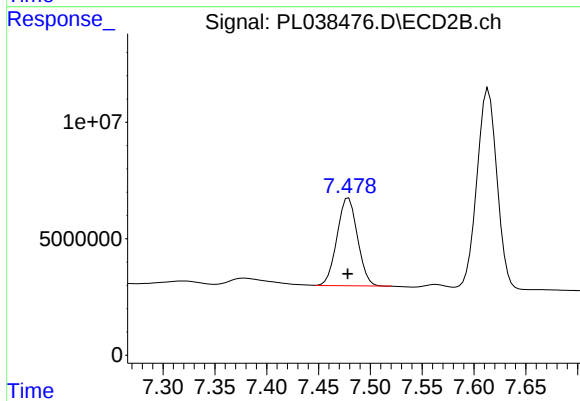
#19 Endosulfan Sulfate

R.T.: 7.150 min
Delta R.T.: 0.000 min
Response: 106725586
Conc: 48.96 ng/ml



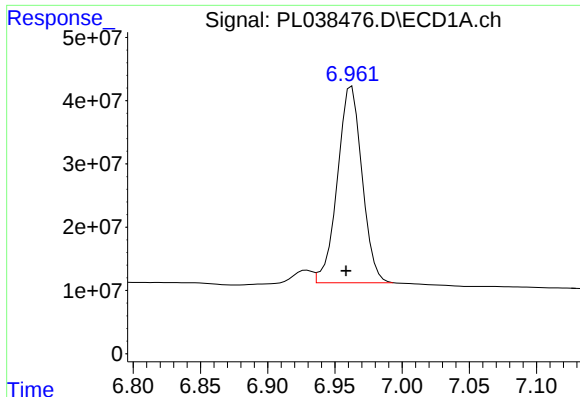
#20 Methoxychlor

R.T.: 6.744 min
Delta R.T.: 0.005 min
Response: 162136706
Conc: 42.14 ng/ml



#20 Methoxychlor

R.T.: 7.479 min
Delta R.T.: 0.000 min
Response: 51635969
Conc: 45.35 ng/ml



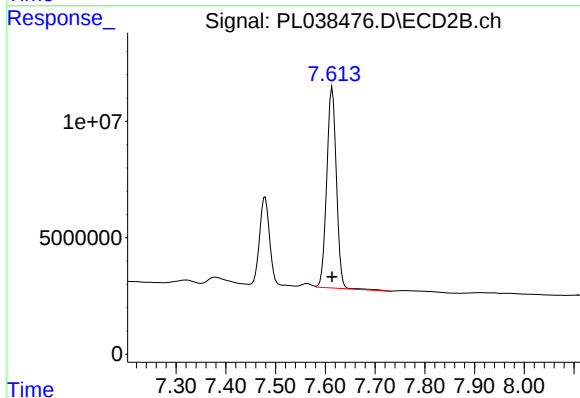
#21 Endrin ketone

R.T.: 6.961 min
Delta R.T.: 0.003 min
Response: 392662936
Conc: 50.05 ng/ml m

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

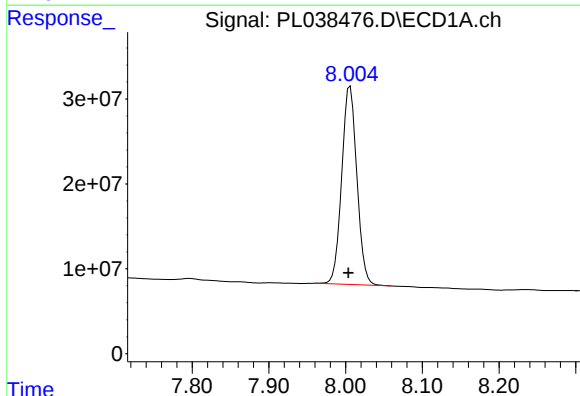
Manual Integrations
APPROVED

Sohil
7/25/2018 1:27:16 PM



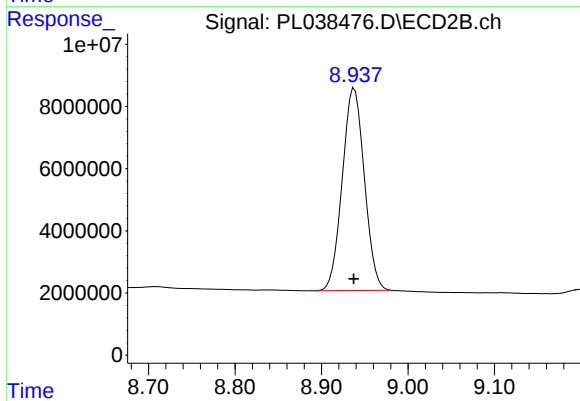
#21 Endrin ketone

R.T.: 7.614 min
Delta R.T.: 0.000 min
Response: 116639649
Conc: 48.94 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.006 min
Delta R.T.: 0.002 min
Response: 321804755
Conc: 42.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.938 min
Delta R.T.: 0.000 min
Response: 115251019
Conc: 47.15 ng/ml