

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122124\
 Data File : PL093476.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Dec 2024 18:00
 Operator : AR\AJ
 Sample : PB165782BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB165782BSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/23/2024
 Supervised By : Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 21 00:00:56 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 25 15:18:43 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 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...	3.540	2.776	46808803	49918618	18.011	17.309
28)	SA Decachlor...	9.060	7.914	37176859	57551331	21.384	20.148
Target Compounds							
2)	A alpha-BHC	3.996	3.278	161.9E6	201.5E6	45.374	47.197
3)	MA gamma-BHC...	4.329	3.608	152.1E6	191.6E6	45.032	46.271
4)	MA Heptachlor	4.917	3.947	144.5E6	202.7E6	47.286	50.108
5)	MB Aldrin	5.259	4.226	133.2E6	186.1E6	44.299	46.764
6)	B beta-BHC	4.526	3.908	68737137	84965782	45.529	47.764
7)	B delta-BHC	4.774	4.137	140.0E6	188.4E6	42.309	44.151
8)	B Heptachlo...	5.686	4.729	124.7E6	178.6E6	44.892	49.037
9)	A Endosulfan I	6.071	5.099	114.1E6	158.5E6	46.864	47.420
10)	B gamma-Chl...	5.941	4.978	121.3E6	183.2E6	47.083m	49.441m
11)	B alpha-Chl...	6.021	5.043	122.2E6	181.2E6	47.179	49.919
12)	B 4,4'-DDE	6.195	5.232	110.2E6	178.4E6	47.117	49.830
13)	MA Dieldrin	6.347	5.364	120.7E6	183.4E6	47.077	49.754
14)	MA Endrin	6.575	5.639	105.0E6	165.6E6	50.043m	51.927
15)	B Endosulfa...	6.797	5.934	104.4E6	157.5E6	47.883	49.688
16)	A 4,4'-DDD	6.712	5.787	87824605	137.8E6	47.932	49.142
17)	MA 4,4'-DDT	7.026	6.038	97319876	152.7E6	50.481	51.542
18)	B Endrin al...	6.927	6.113	82293530	123.2E6	45.551	46.995
19)	B Endosulfa...	7.161	6.337	96761187	152.0E6	46.684	49.999
20)	A Methoxychlor	7.502	6.613	48478213	79621167	46.396	52.144
21)	B Endrin ke...	7.646	6.841	107.2E6	180.2E6	47.249	53.680m
22)	Mirex	8.120	7.022	82138856	123.9E6	45.475	46.102

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122124\
Data File : PL093476.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Dec 2024 18:00
Operator : AR\AJ
Sample : PB165782BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

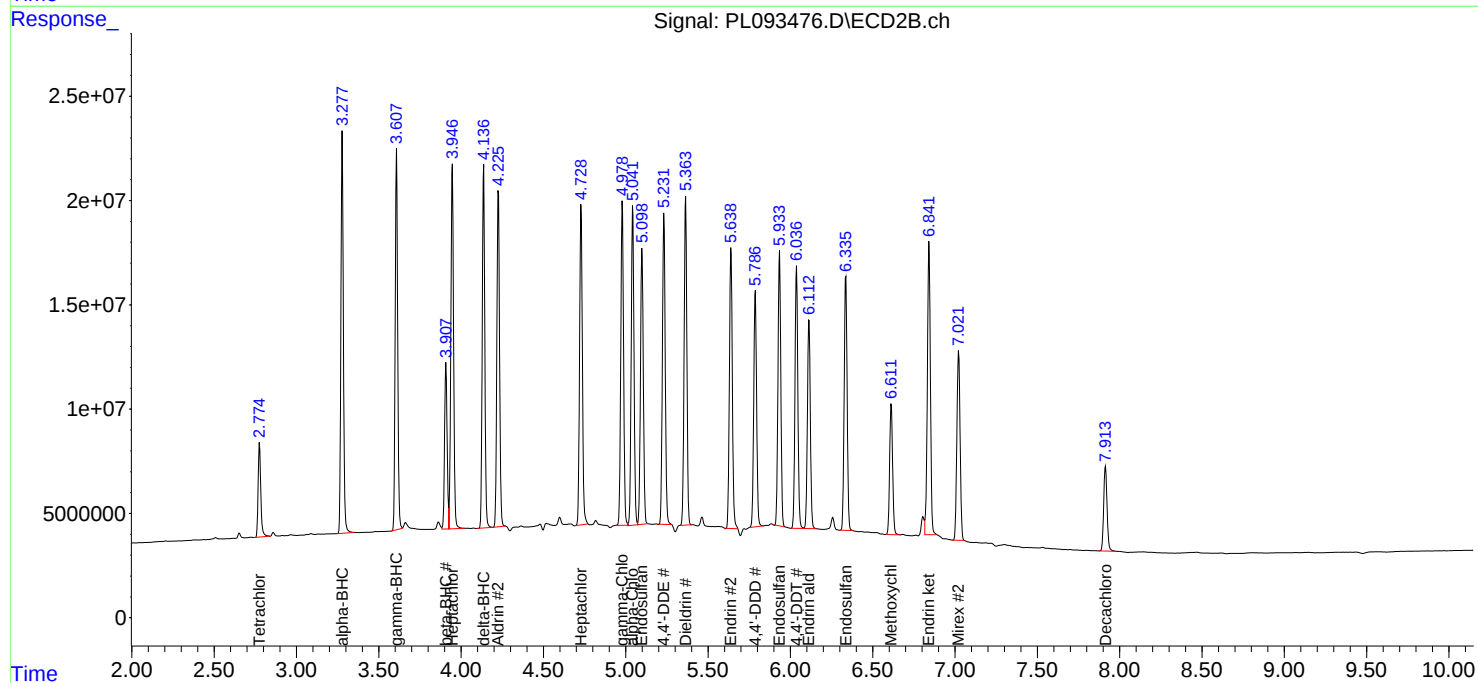
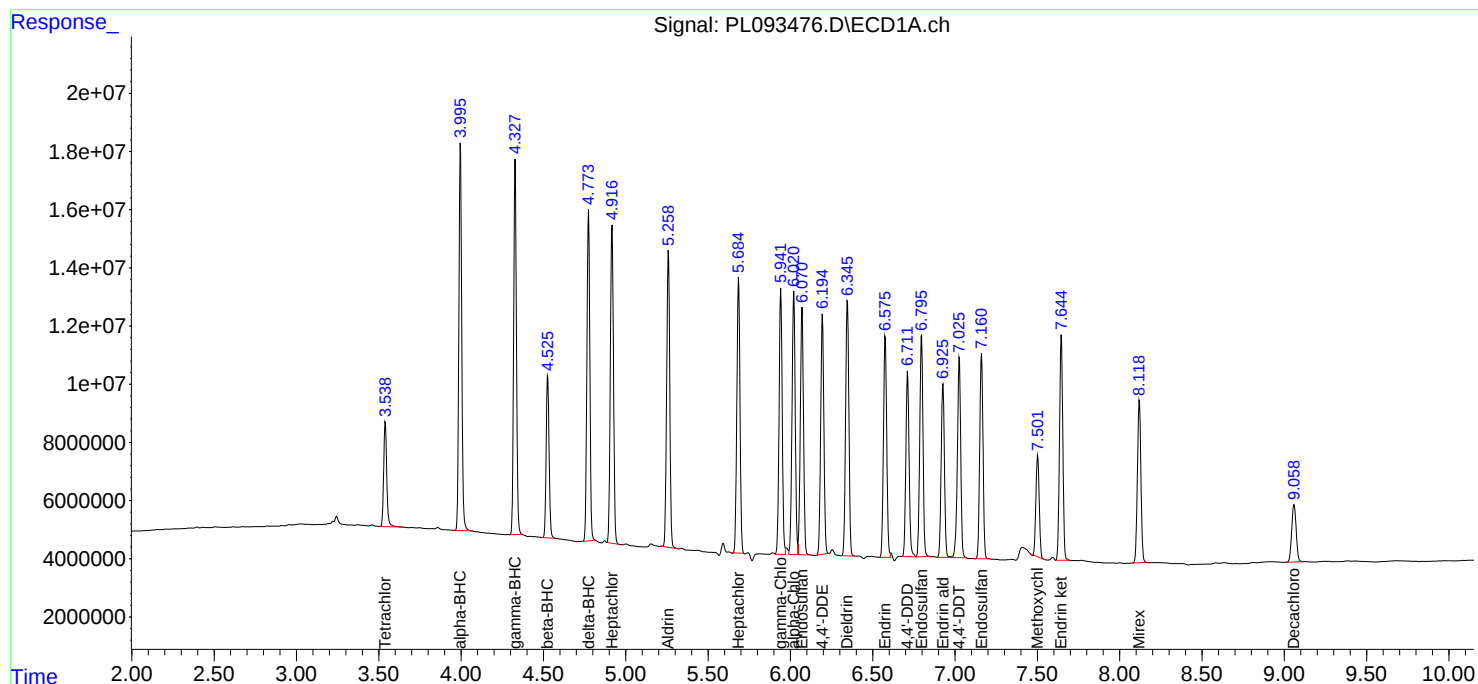
Instrument :
ECD_L
ClientSampleId :
PB165782BSD

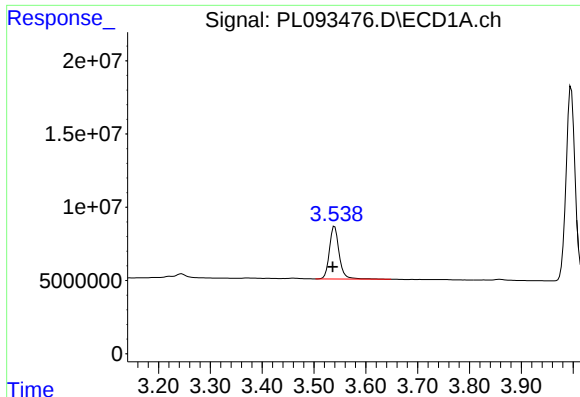
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 12/23/2024
Supervised By : Ankita Jodhani 12/27/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Dec 21 00:00:56 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL112524.M
Quant Title : GC Extractables
QLast Update : Mon Nov 25 15:18:43 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 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





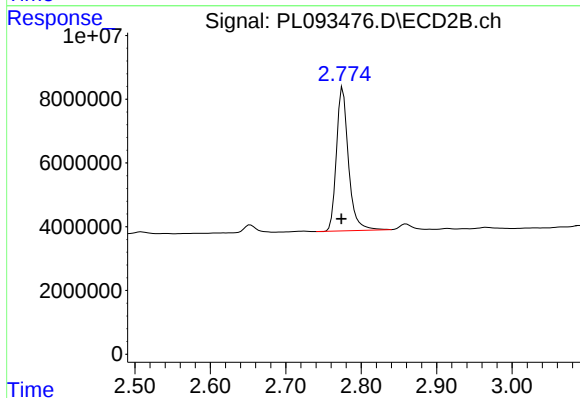
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: 0.004 min
Response: 46808803
Conc: 18.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

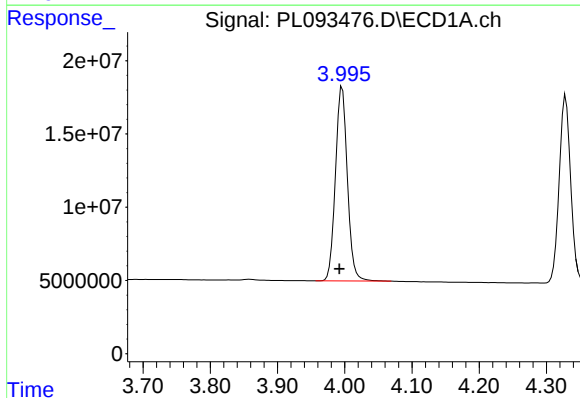
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



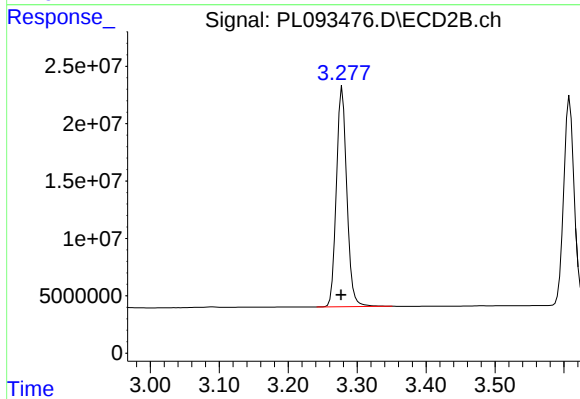
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.002 min
Response: 49918618
Conc: 17.31 ng/ml



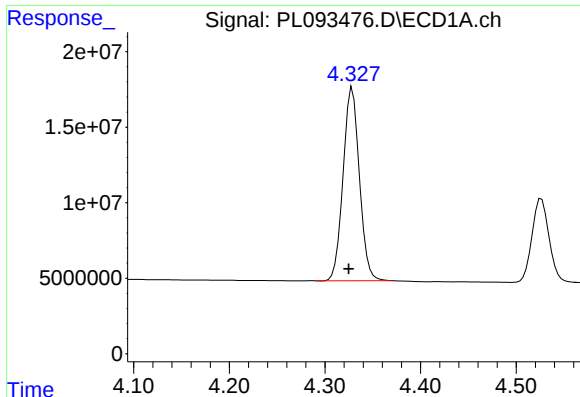
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.004 min
Response: 161915268
Conc: 45.37 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.002 min
Response: 201502258
Conc: 47.20 ng/ml



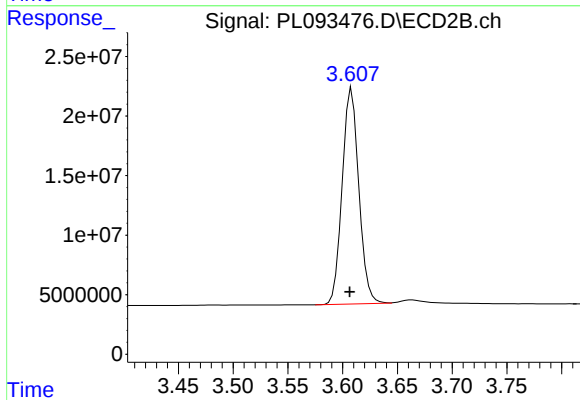
#3 gamma-BHC (Lindane)

R.T.: 4.329 min
Delta R.T.: 0.004 min
Response: 152148772
Conc: 45.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

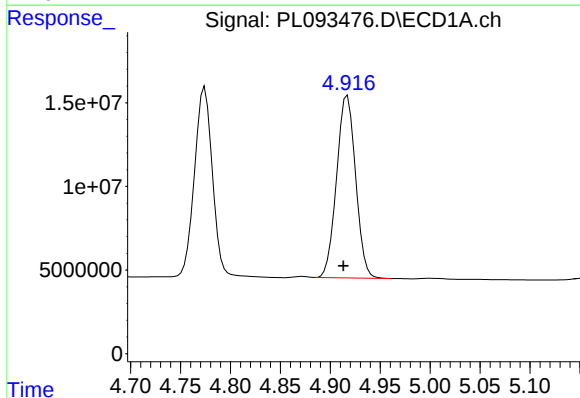
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



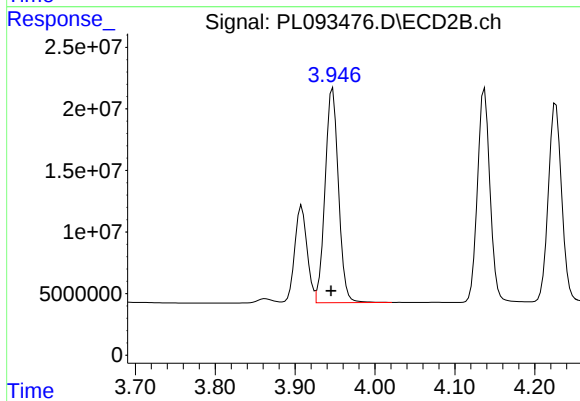
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.002 min
Response: 191551392
Conc: 46.27 ng/ml



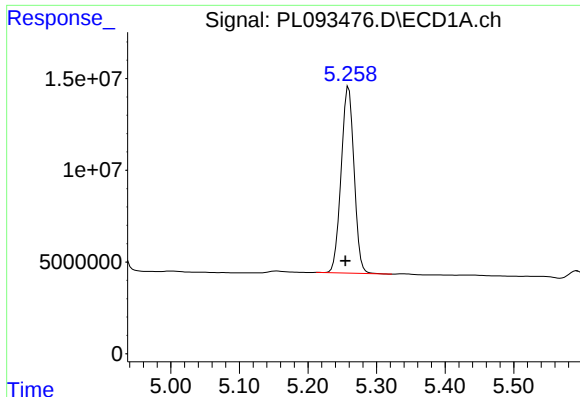
#4 Heptachlor

R.T.: 4.917 min
Delta R.T.: 0.004 min
Response: 144512186
Conc: 47.29 ng/ml



#4 Heptachlor

R.T.: 3.947 min
Delta R.T.: 0.002 min
Response: 202711930
Conc: 50.11 ng/ml



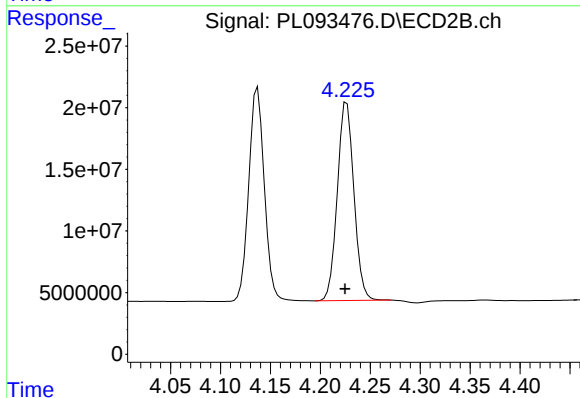
#5 Aldrin

R.T.: 5.259 min
Delta R.T.: 0.004 min
Response: 133214905
Conc: 44.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

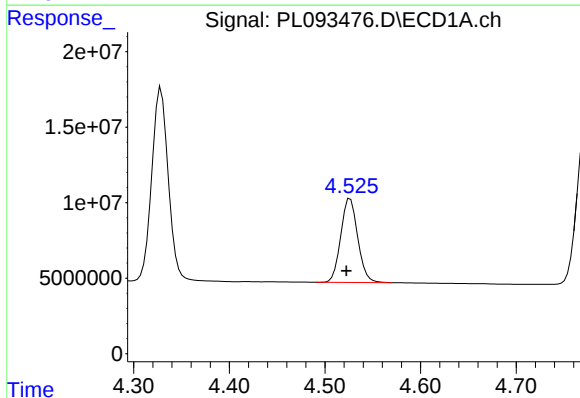
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



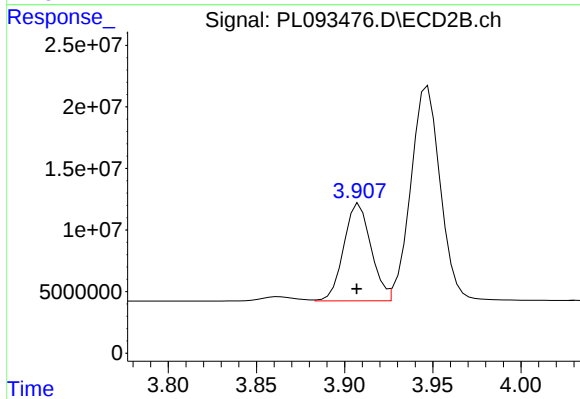
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.002 min
Response: 186066625
Conc: 46.76 ng/ml



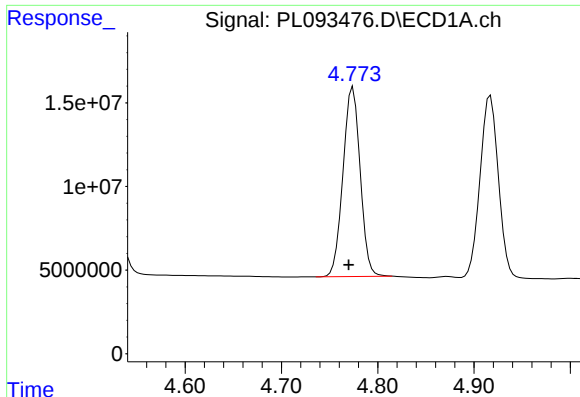
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: 0.004 min
Response: 68737137
Conc: 45.53 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.002 min
Response: 84965782
Conc: 47.76 ng/ml



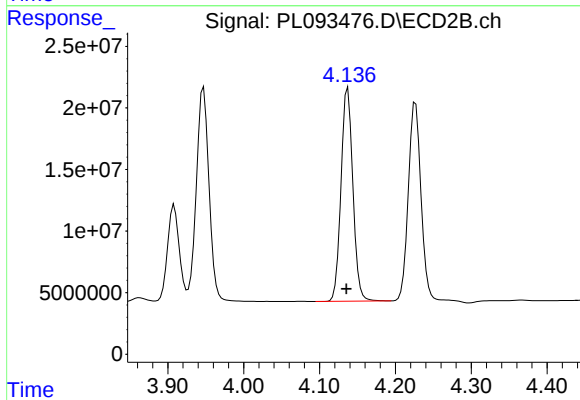
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: 0.005 min
Response: 139984365
Conc: 42.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

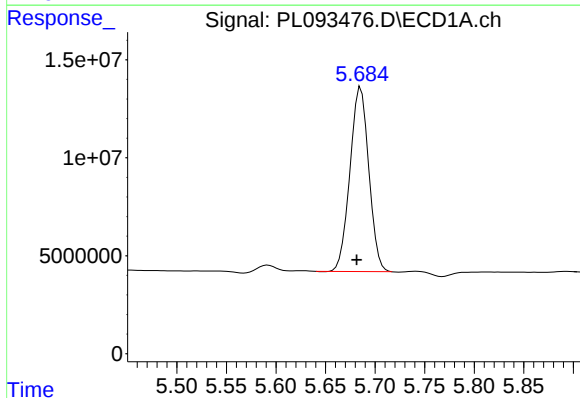
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



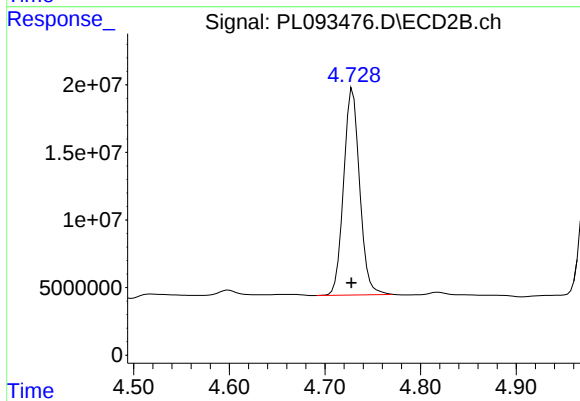
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.002 min
Response: 188369809
Conc: 44.15 ng/ml



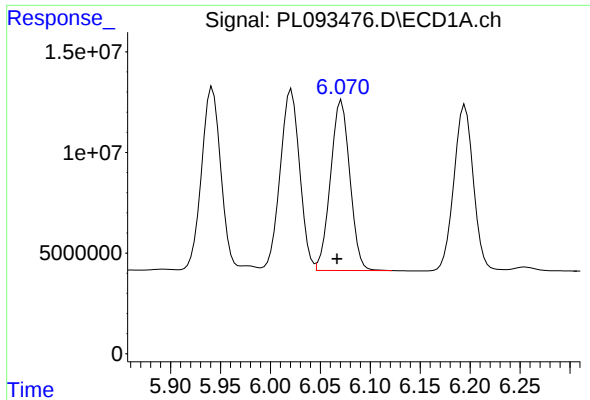
#8 Heptachlor epoxide

R.T.: 5.686 min
Delta R.T.: 0.004 min
Response: 124651955
Conc: 44.89 ng/ml



#8 Heptachlor epoxide

R.T.: 4.729 min
Delta R.T.: 0.001 min
Response: 178603314
Conc: 49.04 ng/ml



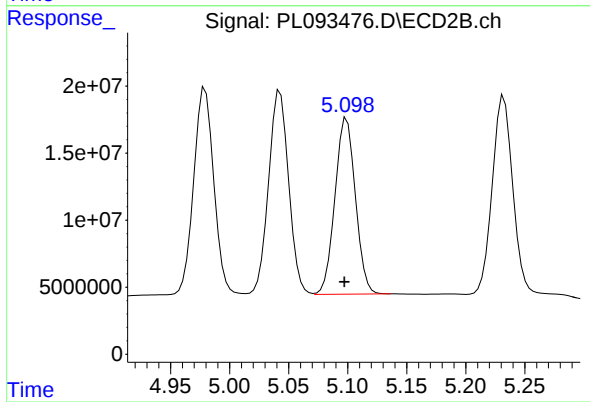
#9 Endosulfan I

R.T.: 6.071 min
Delta R.T.: 0.004 min
Response: 114074729
Conc: 46.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

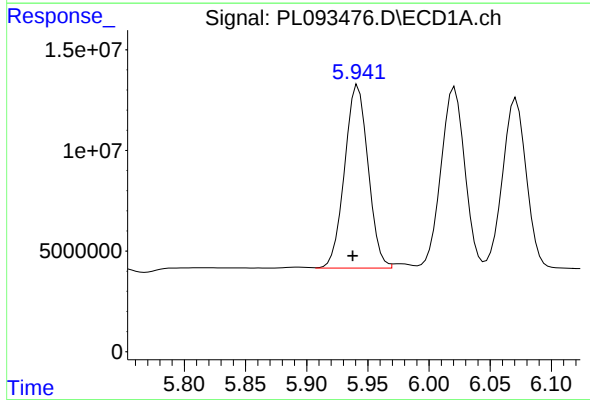
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



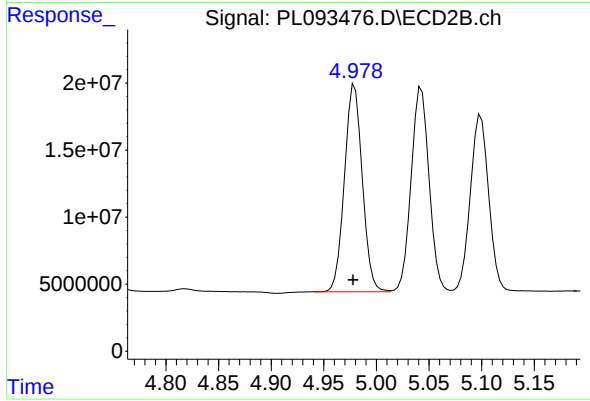
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.002 min
Response: 158523945
Conc: 47.42 ng/ml



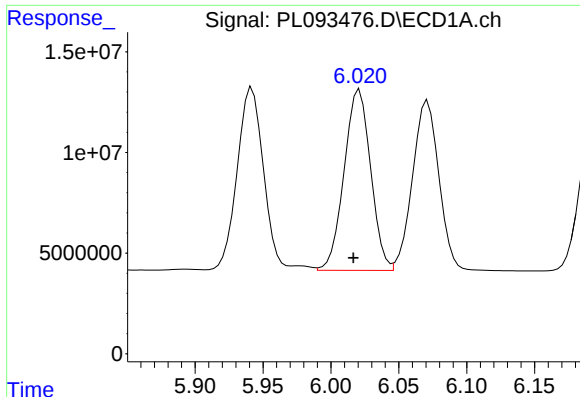
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.003 min
Response: 121303095
Conc: 47.08 ng/ml m



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.000 min
Response: 183182641
Conc: 49.44 ng/ml m



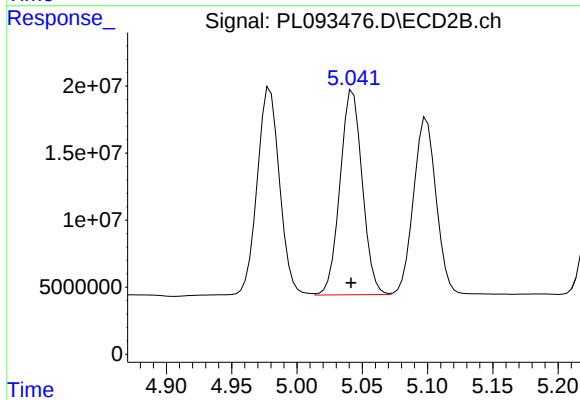
#11 alpha-Chlordane

R.T.: 6.021 min
Delta R.T.: 0.005 min
Response: 122243503
Conc: 47.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

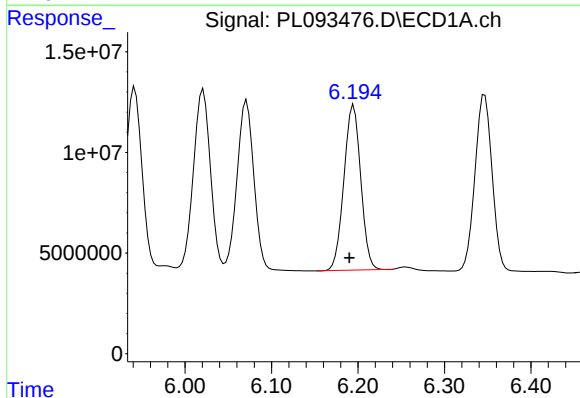
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



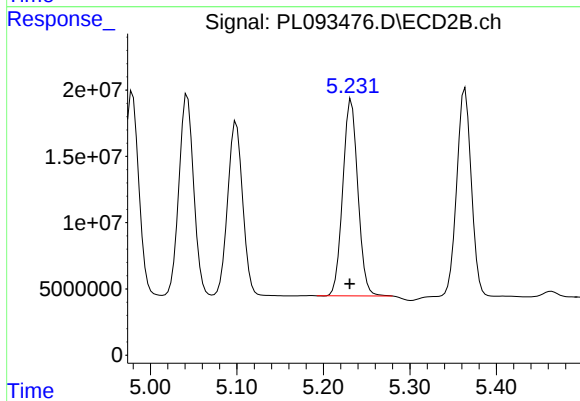
#11 alpha-Chlordane

R.T.: 5.043 min
Delta R.T.: 0.001 min
Response: 181219983
Conc: 49.92 ng/ml



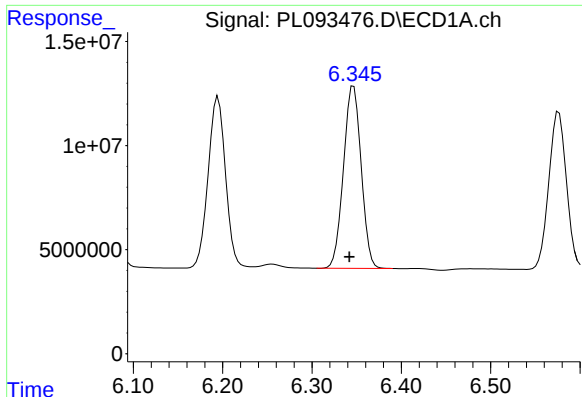
#12 4,4'-DDE

R.T.: 6.195 min
Delta R.T.: 0.005 min
Response: 110222150
Conc: 47.12 ng/ml



#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.002 min
Response: 178393256
Conc: 49.83 ng/ml



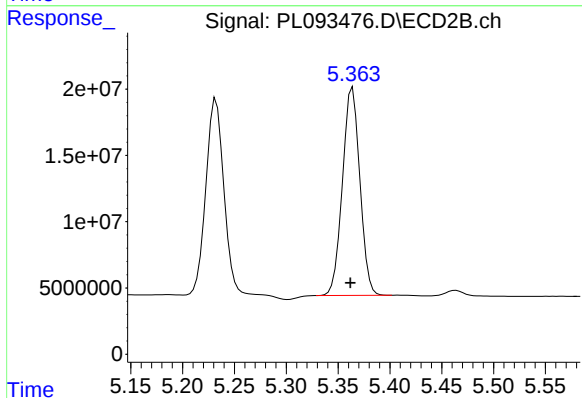
#13 Dieldrin

R.T.: 6.347 min
Delta R.T.: 0.005 min
Response: 120666769
Conc: 47.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

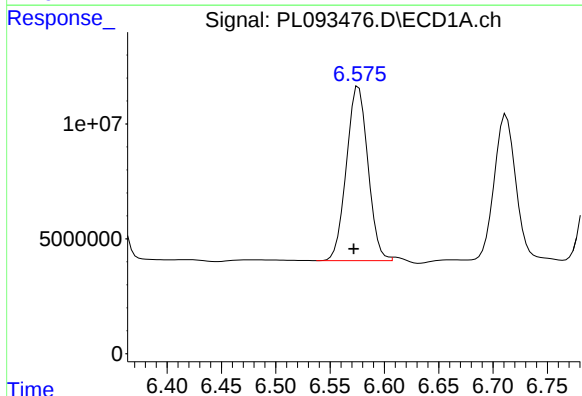
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



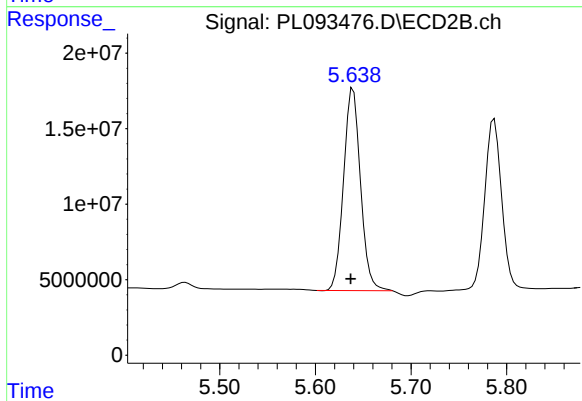
#13 Dieldrin

R.T.: 5.364 min
Delta R.T.: 0.002 min
Response: 183368371
Conc: 49.75 ng/ml



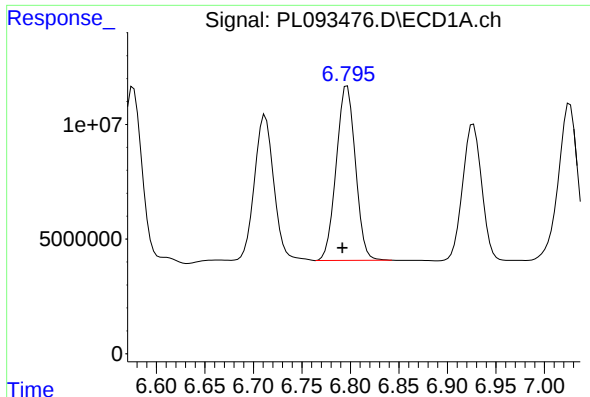
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.003 min
Response: 104963799
Conc: 50.04 ng/ml m



#14 Endrin

R.T.: 5.639 min
Delta R.T.: 0.002 min
Response: 165609188
Conc: 51.93 ng/ml



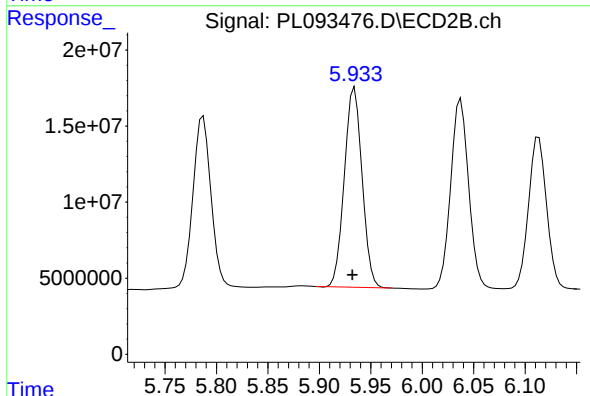
#15 Endosulfan II

R.T.: 6.797 min
Delta R.T.: 0.005 min
Response: 104409532
Conc: 47.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

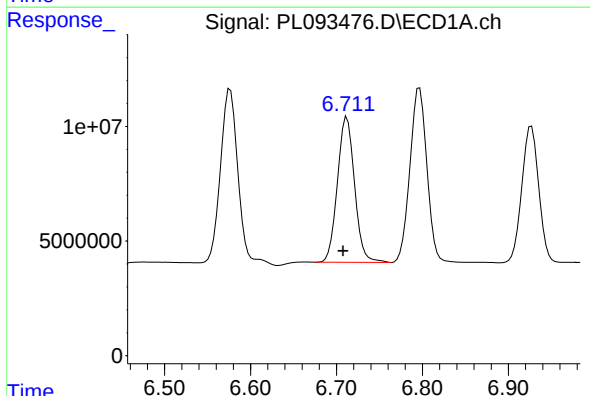
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



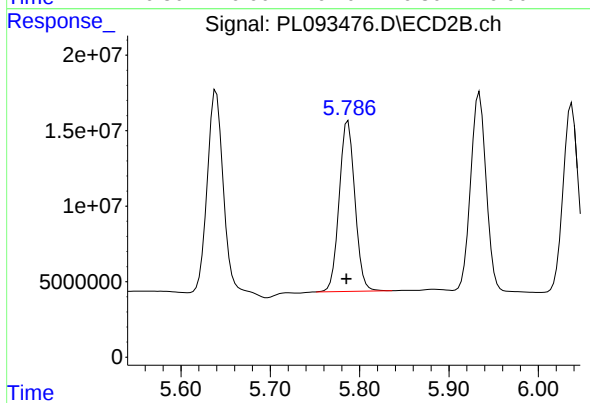
#15 Endosulfan II

R.T.: 5.934 min
Delta R.T.: 0.002 min
Response: 157461204
Conc: 49.69 ng/ml



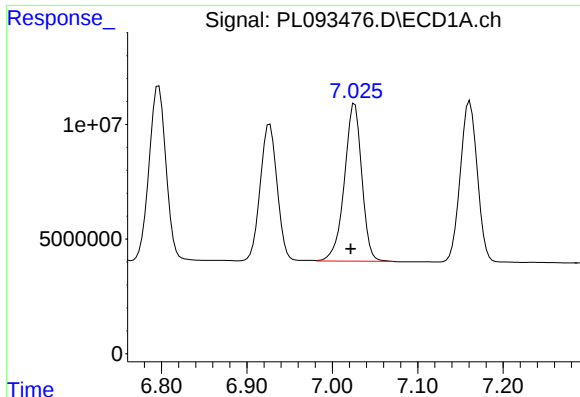
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: 0.004 min
Response: 87824605
Conc: 47.93 ng/ml



#16 4,4'-DDD

R.T.: 5.787 min
Delta R.T.: 0.002 min
Response: 137766900
Conc: 49.14 ng/ml



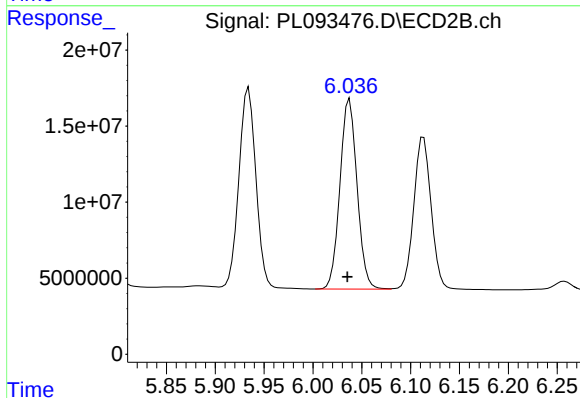
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: 0.005 min
Response: 97319876
Conc: 50.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

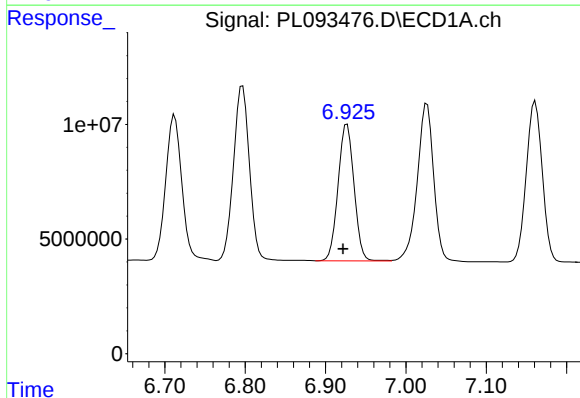
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



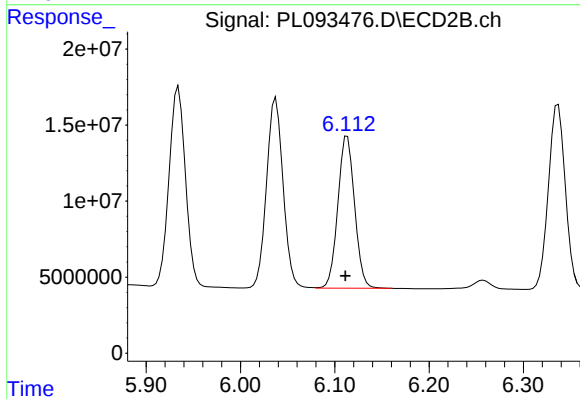
#17 4,4'-DDT

R.T.: 6.038 min
Delta R.T.: 0.002 min
Response: 152657080
Conc: 51.54 ng/ml



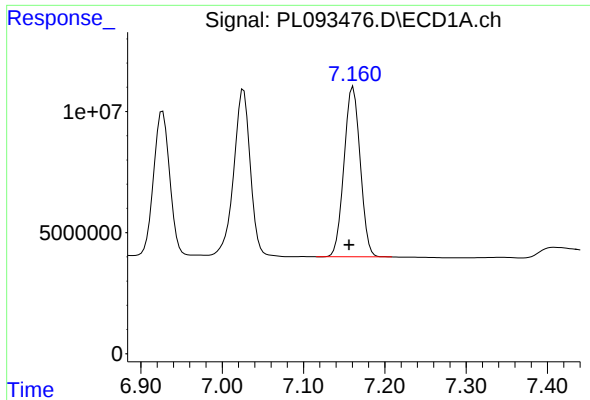
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: 0.005 min
Response: 82293530
Conc: 45.55 ng/ml



#18 Endrin aldehyde

R.T.: 6.113 min
Delta R.T.: 0.002 min
Response: 123236985
Conc: 47.00 ng/ml



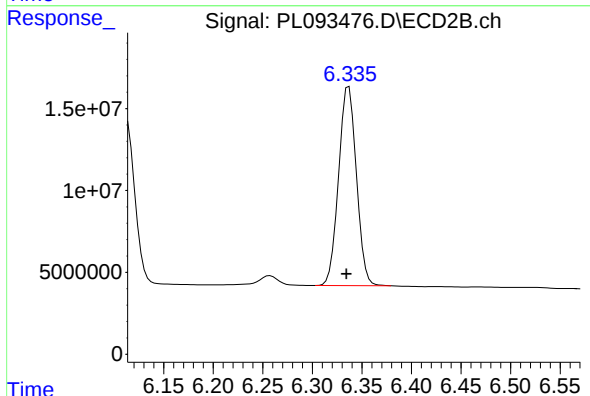
#19 Endosulfan Sulfate

R.T.: 7.161 min
Delta R.T.: 0.005 min
Response: 96761187
Conc: 46.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

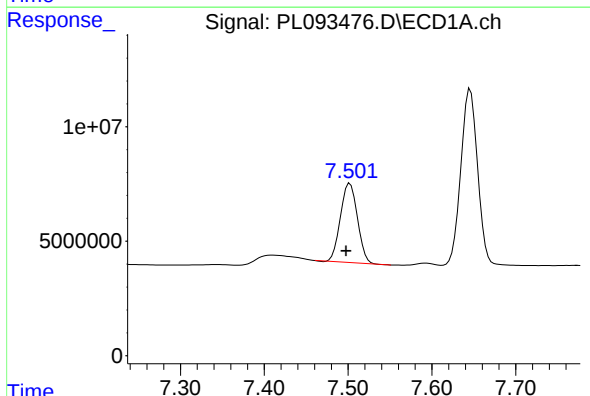
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



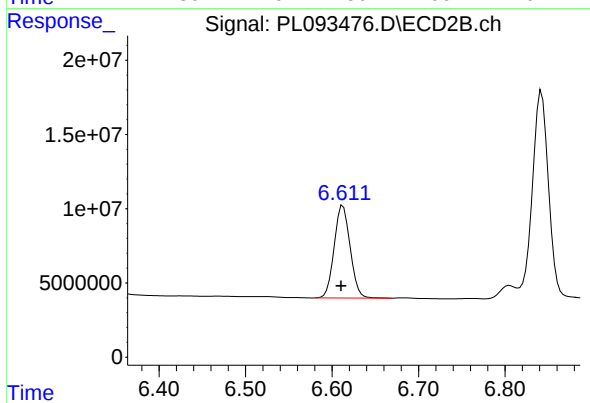
#19 Endosulfan Sulfate

R.T.: 6.337 min
Delta R.T.: 0.002 min
Response: 151979252
Conc: 50.00 ng/ml



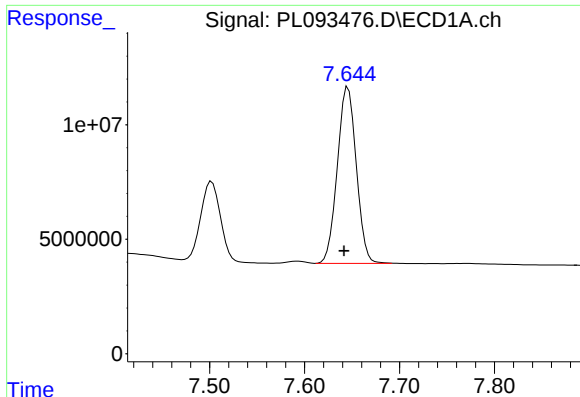
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.004 min
Response: 48478213
Conc: 46.40 ng/ml



#20 Methoxychlor

R.T.: 6.613 min
Delta R.T.: 0.002 min
Response: 79621167
Conc: 52.14 ng/ml



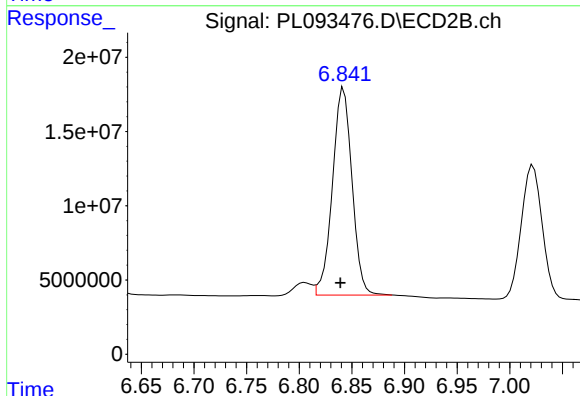
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: 0.004 min
Response: 107220660
Conc: 47.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB165782BSD

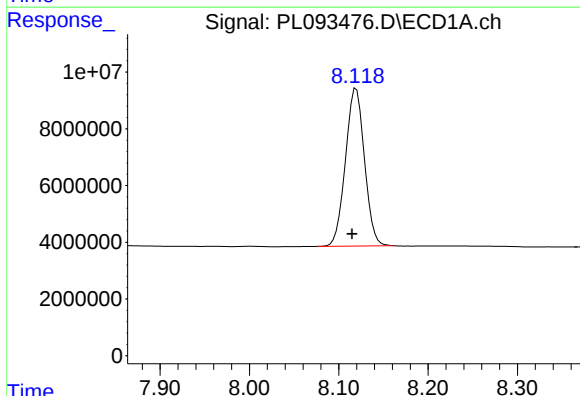
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/23/2024
Supervised By :Ankita Jodhani 12/27/2024



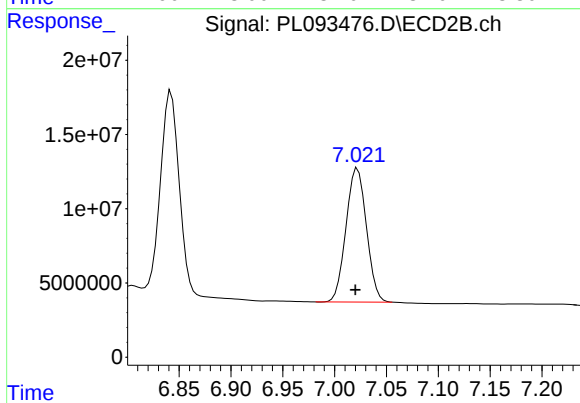
#21 Endrin ketone

R.T.: 6.841 min
Delta R.T.: 0.002 min
Response: 180205162
Conc: 53.68 ng/ml m



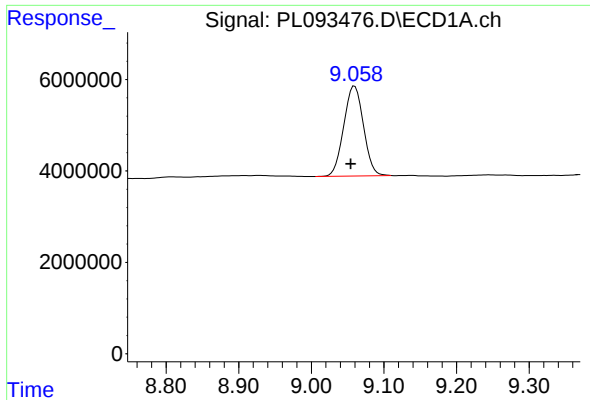
#22 Mirex

R.T.: 8.120 min
Delta R.T.: 0.005 min
Response: 82138856
Conc: 45.47 ng/ml



#22 Mirex

R.T.: 7.022 min
Delta R.T.: 0.002 min
Response: 123855531
Conc: 46.10 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.060 min
Delta R.T.: 0.006 min
Response: 37176859
Conc: 21.38 ng/ml

Instrument :

ECD_L

ClientSampleId :

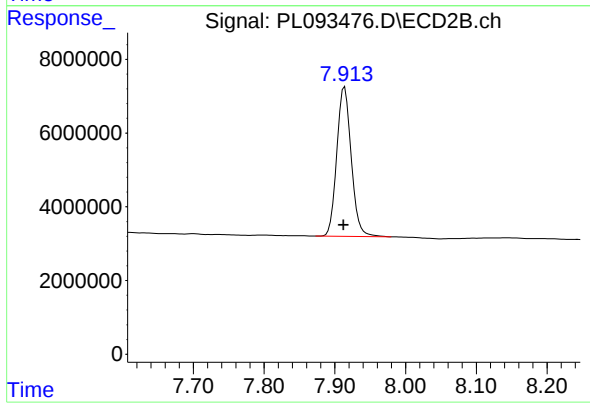
PB165782BSD

Manual Integrations

APPROVED

Reviewed By :Abdul Mirza 12/23/2024

Supervised By :Ankita Jodhani 12/27/2024



#28 Decachlorobiphenyl

R.T.: 7.914 min
Delta R.T.: 0.002 min
Response: 57551331
Conc: 20.15 ng/ml