

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
 Data File : PL093711.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jan 2025 15:12
 Operator : AR\AJ
 Sample : PB166128BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166128BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/21/2025
 Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 21 05:14:16 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 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...	3.539	2.775	43936166	50864809	17.747	17.472
28)	SA Decachlor...	9.052	7.909	36806204	59144165	19.906	19.808
Target Compounds							
2)	A alpha-BHC	3.994	3.277	154.7E6	203.2E6	44.797	46.749
3)	MA gamma-BHC...	4.327	3.607	146.8E6	192.8E6	44.750	45.703
4)	MA Heptachlor	4.915	3.945	136.6E6	195.6E6	46.641	47.071
5)	MB Aldrin	5.256	4.224	130.2E6	186.1E6	44.750	45.375
6)	B beta-BHC	4.525	3.907	66741861	85643365	46.297	47.646
7)	B delta-BHC	4.772	4.135	141.1E6	193.2E6	46.067	45.693
8)	B Heptachlo...	5.683	4.727	119.8E6	176.6E6	45.476	46.138
9)	A Endosulfan I	6.068	5.096	110.1E6	168.3E6	46.675	48.174
10)	B gamma-Chl...	5.939	4.977	116.8E6	186.2E6	46.472	48.319
11)	B alpha-Chl...	6.017	5.040	117.9E6	182.1E6	47.091	47.837
12)	B 4,4'-DDE	6.191	5.229	108.3E6	179.4E6	48.255	48.777
13)	MA Dieldrin	6.343	5.361	115.9E6	185.5E6	46.433	48.132
14)	MA Endrin	6.571	5.636	94386411	160.5E6	43.851m	48.502
15)	B Endosulfa...	6.793	5.931	101.9E6	165.2E6	44.839	50.848
16)	A 4,4'-DDD	6.708	5.784	89589958	149.3E6	51.021	52.749
17)	MA 4,4'-DDT	7.023	6.034	88707536	146.5E6	47.988	48.509
18)	B Endrin al...	6.923	6.110	81837234	131.1E6	46.118	48.687
19)	B Endosulfa...	7.157	6.333	95972854	157.7E6	47.534	50.000
20)	A Methoxychlor	7.498	6.608	46392354	76221181	46.407	47.353
21)	B Endrin ke...	7.641	6.838	108.1E6	185.1E6	48.167	50.857
22)	Mirex	8.115	7.018	82179373	139.0E6	43.976	45.487

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012025\
Data File : PL093711.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 20 Jan 2025 15:12
Operator : AR\AJ
Sample : PB166128BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

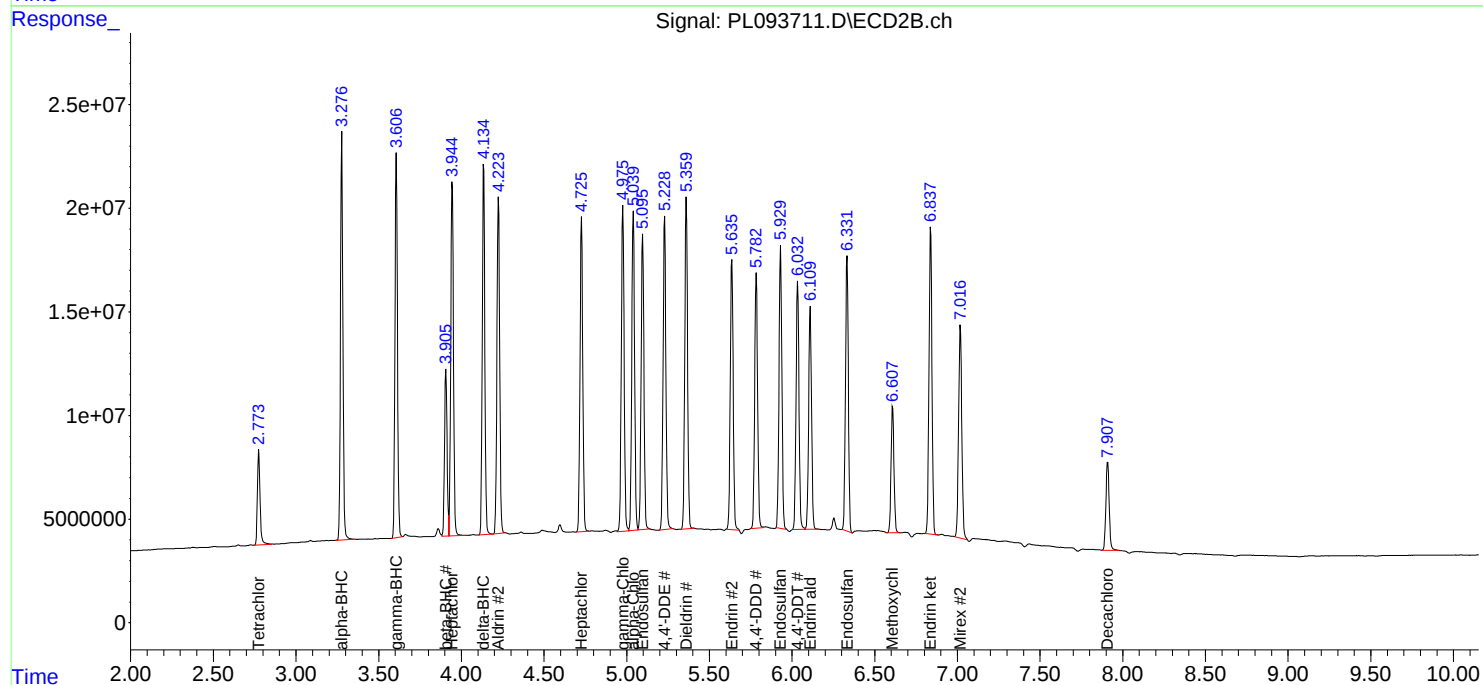
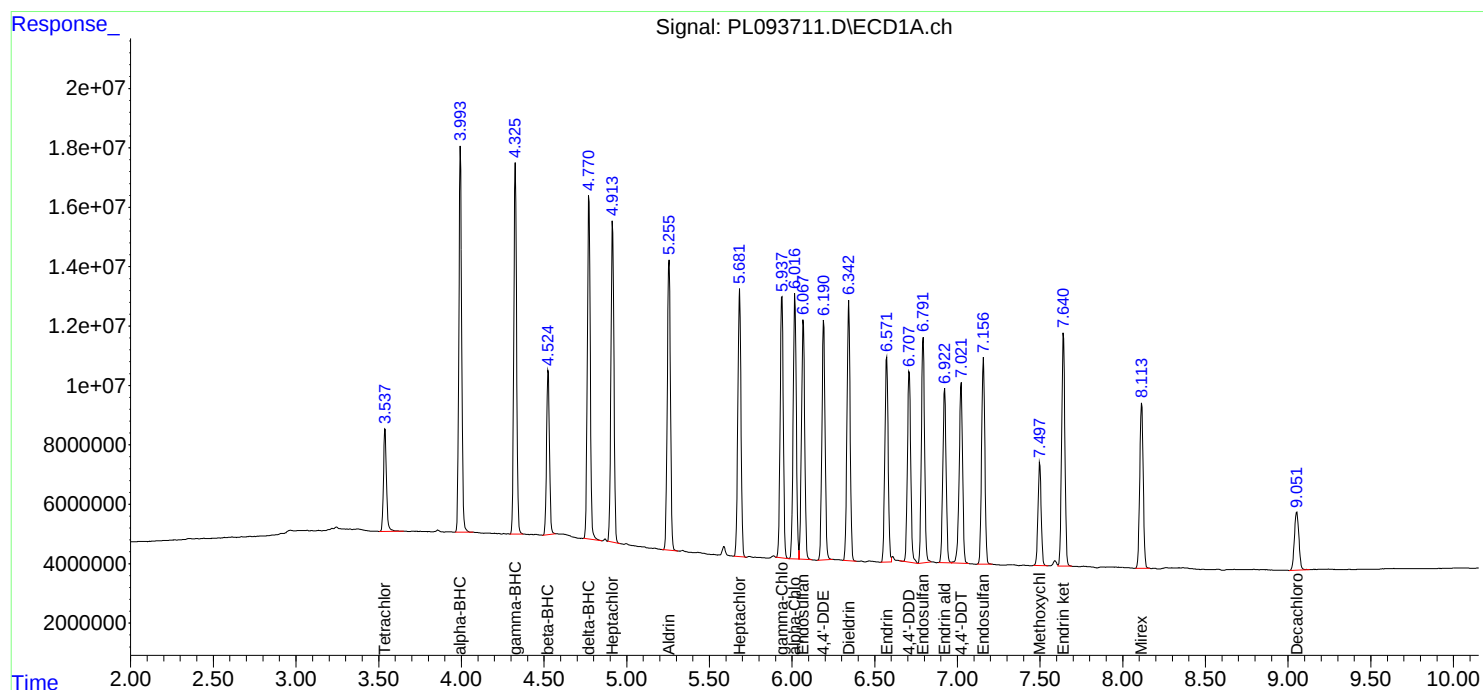
Instrument :
ECD_L
ClientSampleId :
PB166128BS

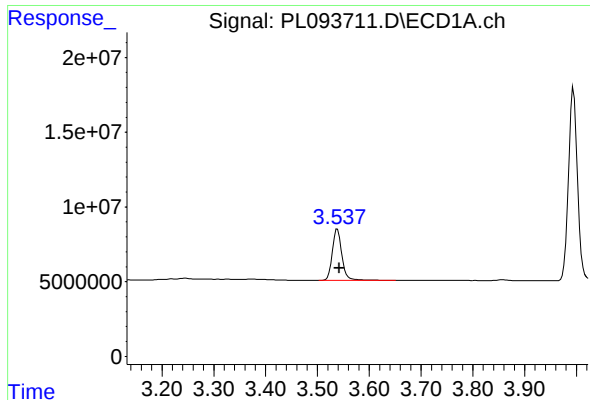
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 21 05:14:16 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
Quant Title : GC Extractables
QLast Update : Tue Dec 24 15:29:41 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





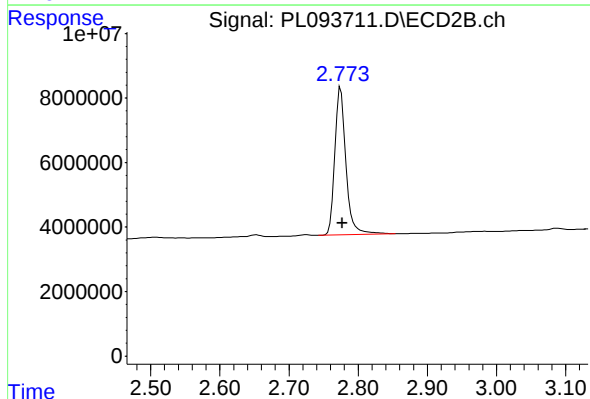
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: -0.003 min
Response: 43936166
Conc: 17.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

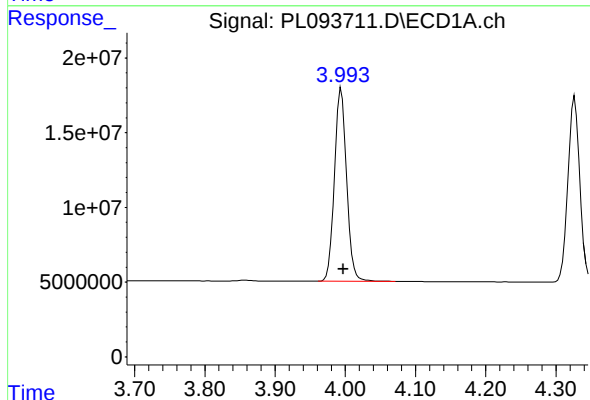
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



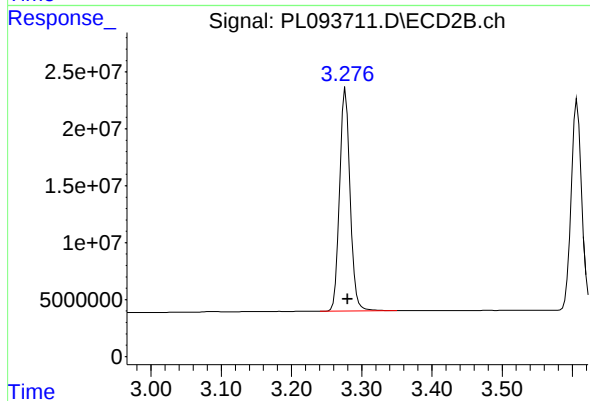
#1 Tetrachloro-m-xylene

R.T.: 2.775 min
Delta R.T.: -0.003 min
Response: 50864809
Conc: 17.47 ng/ml



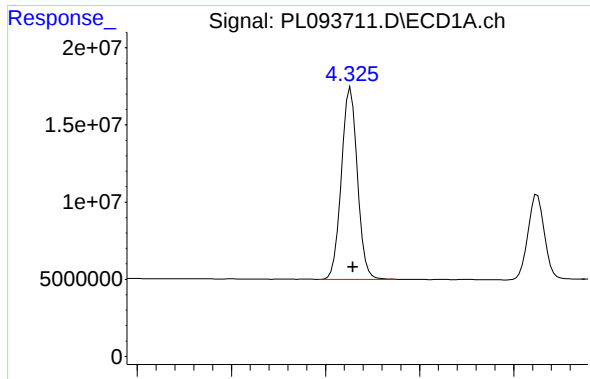
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: -0.003 min
Response: 154655939
Conc: 44.80 ng/ml



#2 alpha-BHC

R.T.: 3.277 min
Delta R.T.: -0.003 min
Response: 203208277
Conc: 46.75 ng/ml



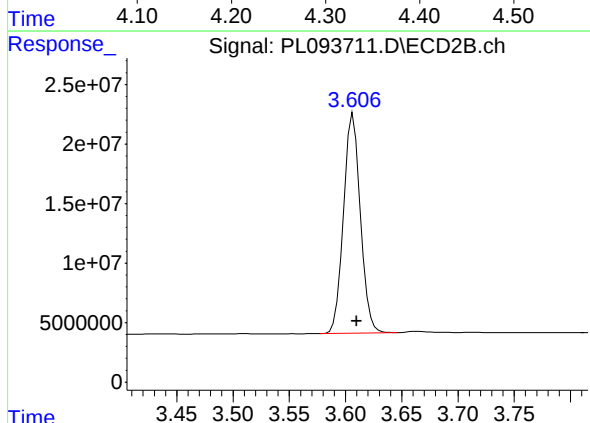
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: -0.003 min
Response: 146753397
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

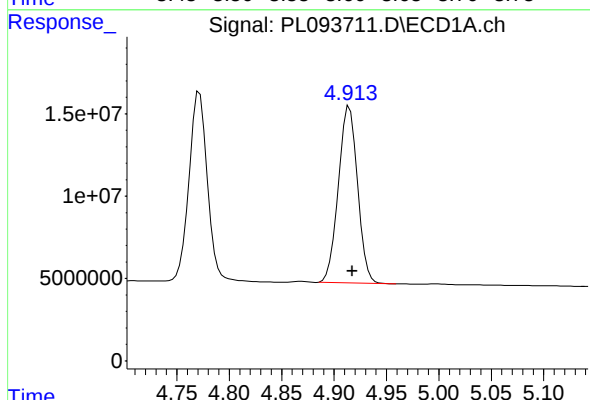
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



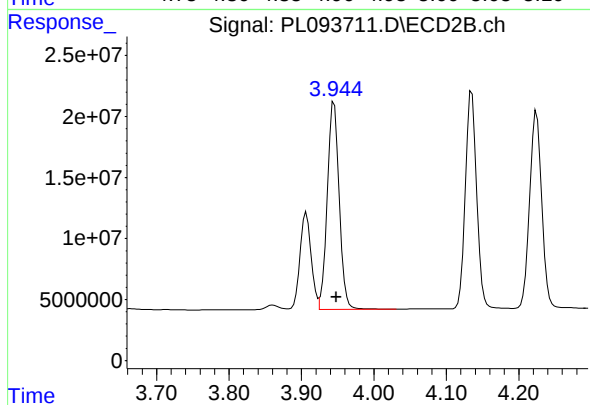
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.003 min
Response: 192839779
Conc: 45.70 ng/ml



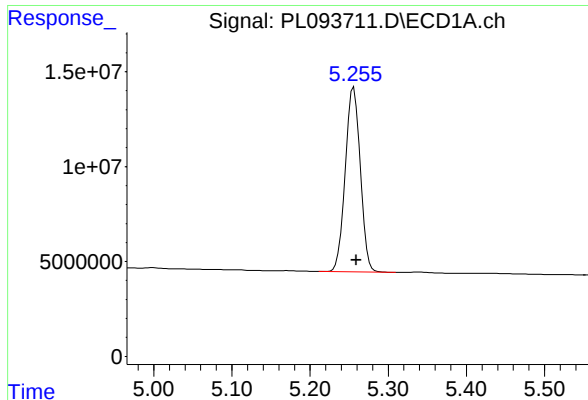
#4 Heptachlor

R.T.: 4.915 min
Delta R.T.: -0.003 min
Response: 136578777
Conc: 46.64 ng/ml



#4 Heptachlor

R.T.: 3.945 min
Delta R.T.: -0.003 min
Response: 195621605
Conc: 47.07 ng/ml



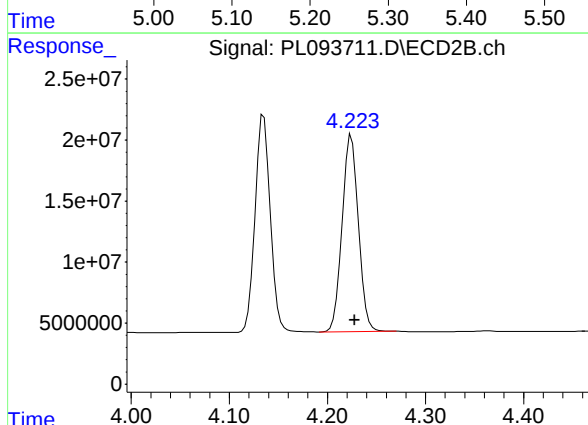
#5 Aldrin

R.T.: 5.256 min
Delta R.T.: -0.003 min
Response: 130171212
Conc: 44.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

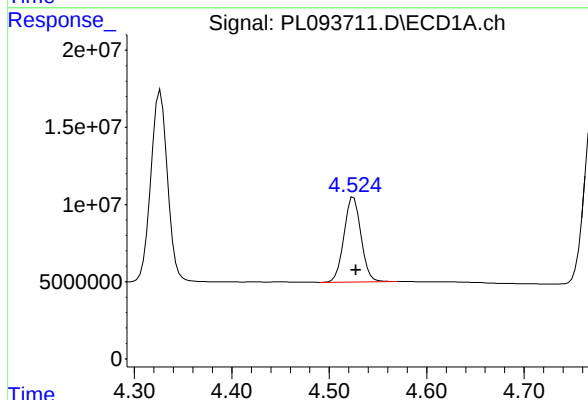
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



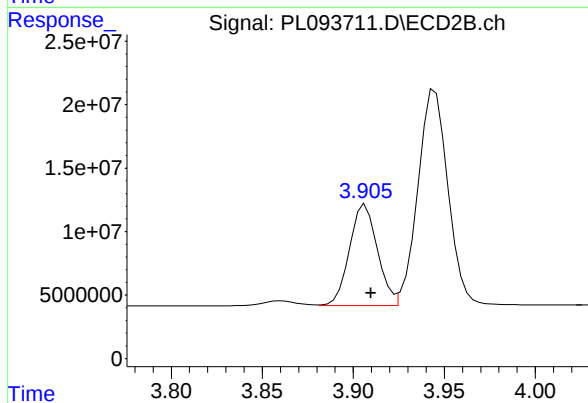
#5 Aldrin

R.T.: 4.224 min
Delta R.T.: -0.003 min
Response: 186143206
Conc: 45.38 ng/ml



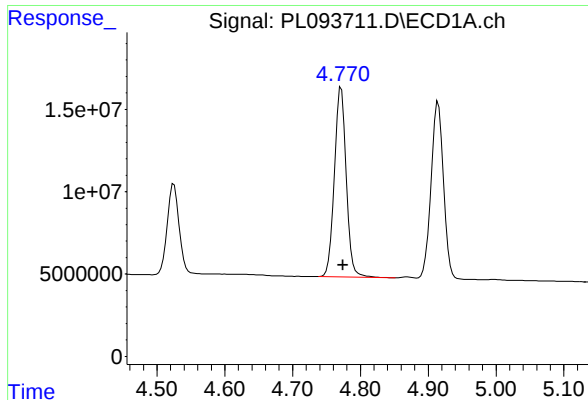
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: -0.002 min
Response: 66741861
Conc: 46.30 ng/ml



#6 beta-BHC

R.T.: 3.907 min
Delta R.T.: -0.003 min
Response: 85643365
Conc: 47.65 ng/ml



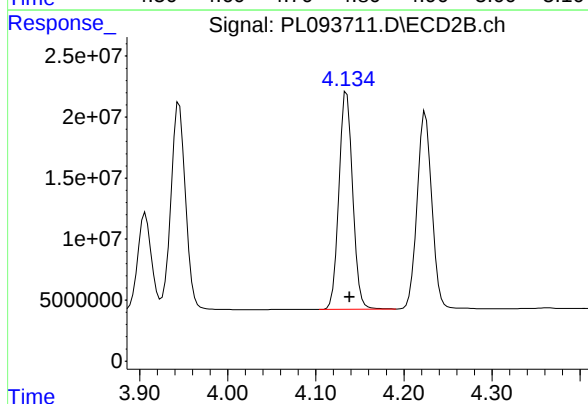
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: -0.003 min
Response: 141084294
Conc: 46.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

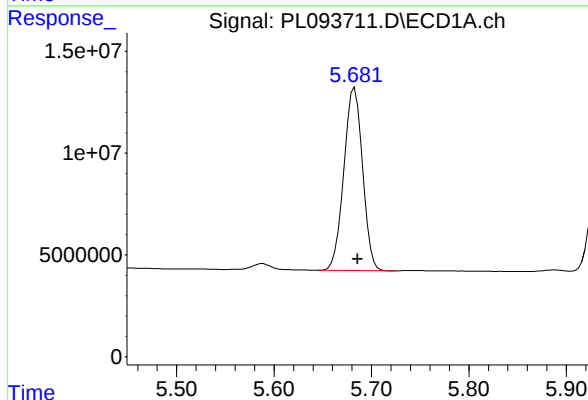
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



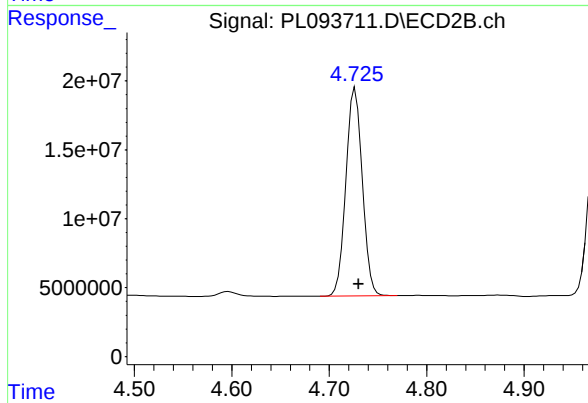
#7 delta-BHC

R.T.: 4.135 min
Delta R.T.: -0.003 min
Response: 193231299
Conc: 45.69 ng/ml



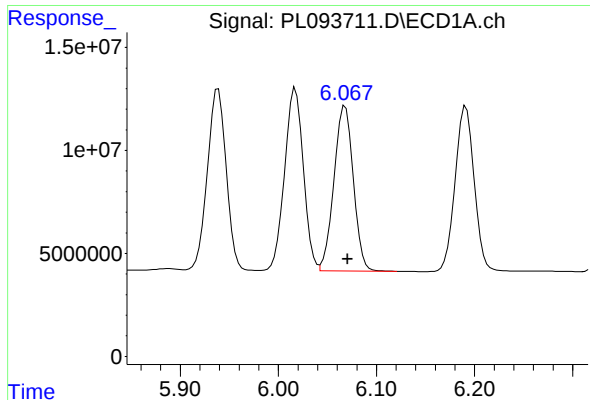
#8 Heptachlor epoxide

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 119799752
Conc: 45.48 ng/ml



#8 Heptachlor epoxide

R.T.: 4.727 min
Delta R.T.: -0.003 min
Response: 176648520
Conc: 46.14 ng/ml



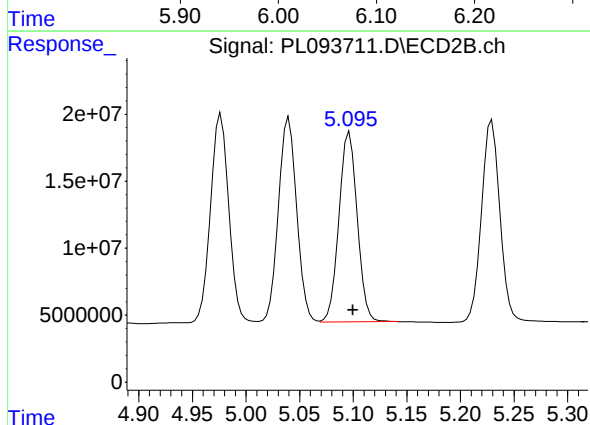
#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: -0.003 min
Response: 110118064
Conc: 46.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

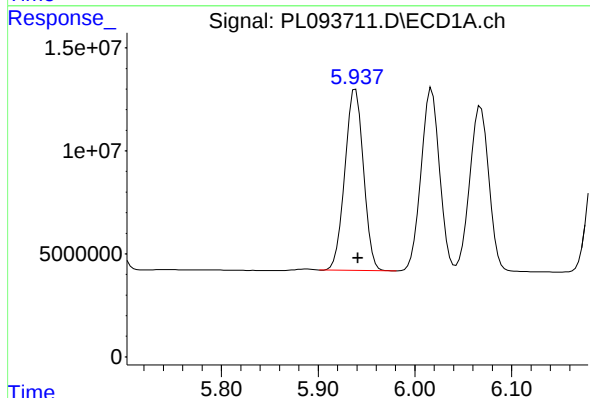
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



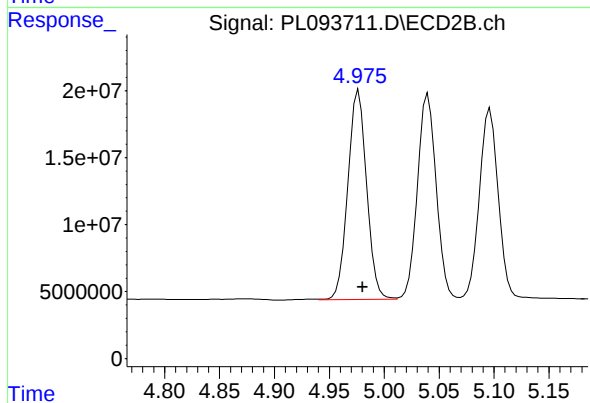
#9 Endosulfan I

R.T.: 5.096 min
Delta R.T.: -0.003 min
Response: 168319403
Conc: 48.17 ng/ml



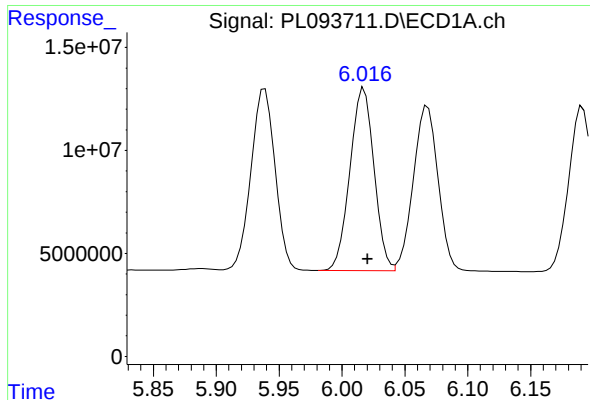
#10 gamma-Chlordane

R.T.: 5.939 min
Delta R.T.: -0.003 min
Response: 116788204
Conc: 46.47 ng/ml



#10 gamma-Chlordane

R.T.: 4.977 min
Delta R.T.: -0.004 min
Response: 186172419
Conc: 48.32 ng/ml



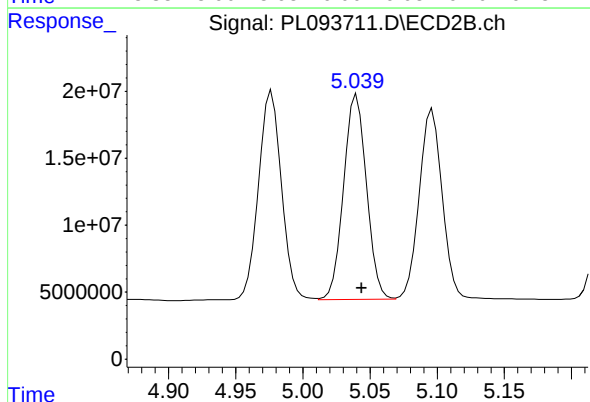
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.003 min
Response: 117864260
Conc: 47.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

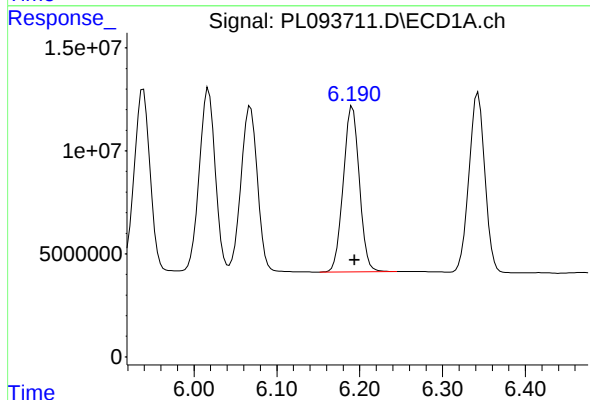
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



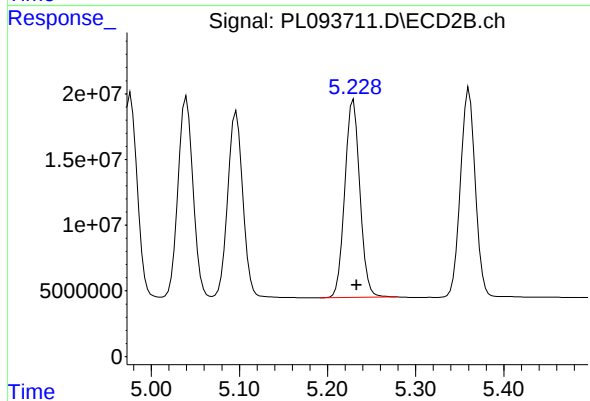
#11 alpha-Chlordane

R.T.: 5.040 min
Delta R.T.: -0.004 min
Response: 182136361
Conc: 47.84 ng/ml



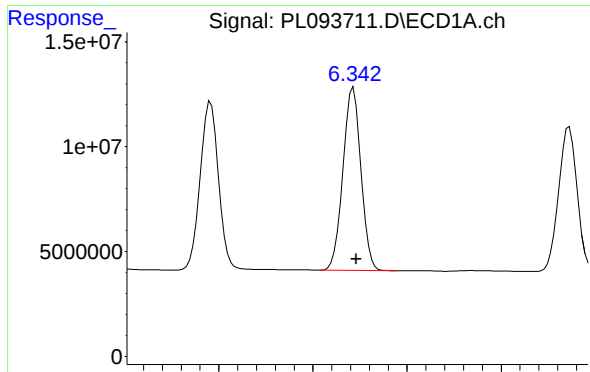
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 108276840
Conc: 48.25 ng/ml



#12 4,4'-DDE

R.T.: 5.229 min
Delta R.T.: -0.004 min
Response: 179364399
Conc: 48.78 ng/ml



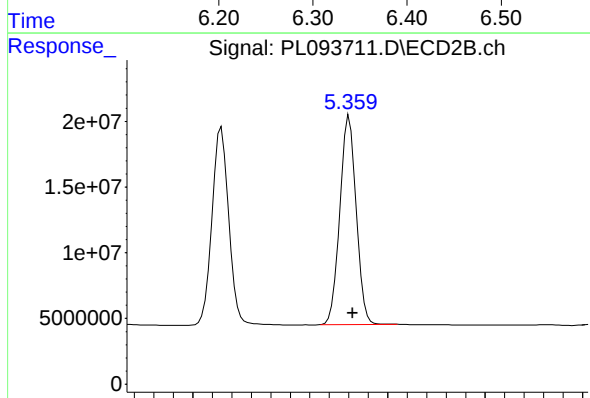
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: -0.003 min
Response: 115855173
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

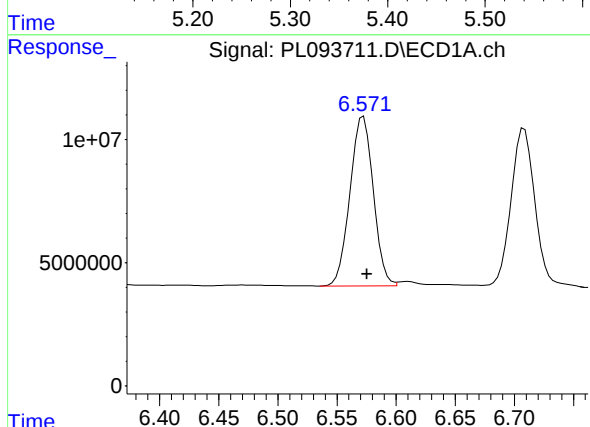
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



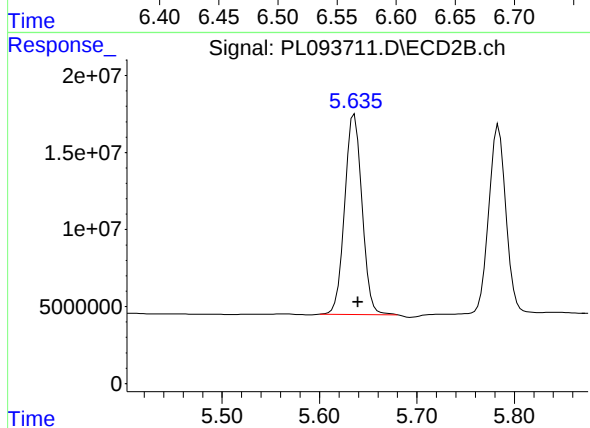
#13 Dieldrin

R.T.: 5.361 min
Delta R.T.: -0.003 min
Response: 185495367
Conc: 48.13 ng/ml



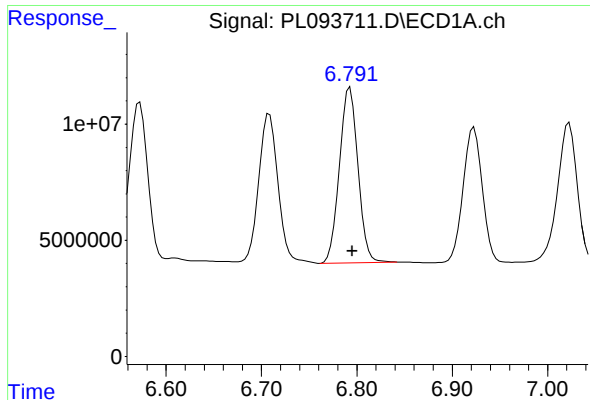
#14 Endrin

R.T.: 6.571 min
Delta R.T.: -0.004 min
Response: 94386411
Conc: 43.85 ng/ml m



#14 Endrin

R.T.: 5.636 min
Delta R.T.: -0.004 min
Response: 160459756
Conc: 48.50 ng/ml



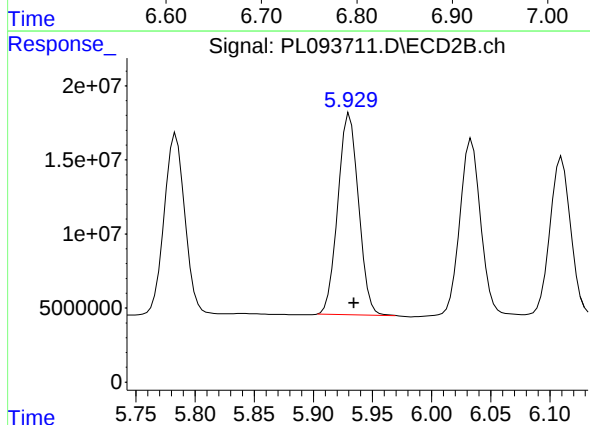
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: -0.003 min
Response: 101930608
Conc: 44.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

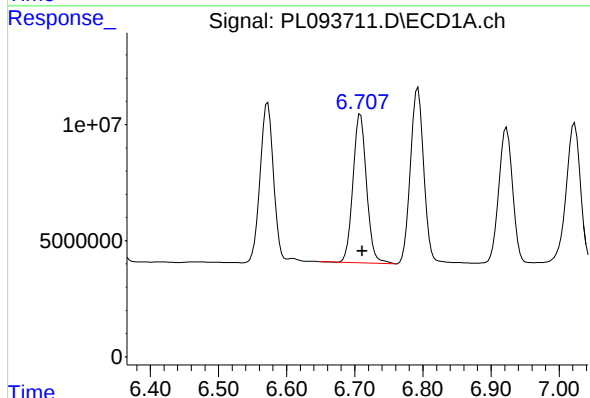
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



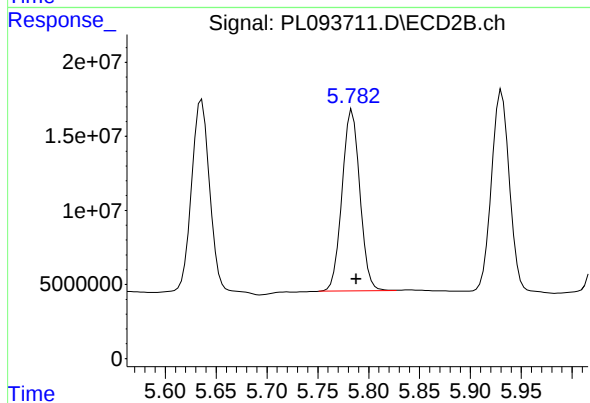
#15 Endosulfan II

R.T.: 5.931 min
Delta R.T.: -0.003 min
Response: 165203667
Conc: 50.85 ng/ml



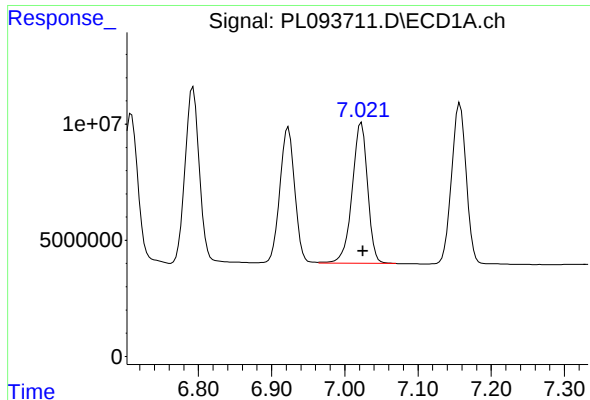
#16 4,4'-DDD

R.T.: 6.708 min
Delta R.T.: -0.003 min
Response: 89589958
Conc: 51.02 ng/ml



#16 4,4'-DDD

R.T.: 5.784 min
Delta R.T.: -0.004 min
Response: 149287544
Conc: 52.75 ng/ml



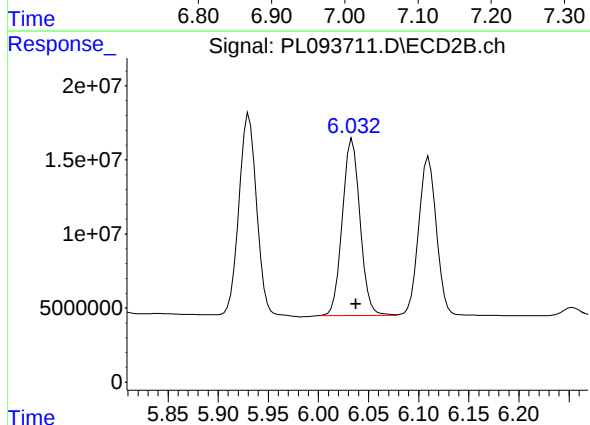
#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: -0.002 min
Response: 88707536
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

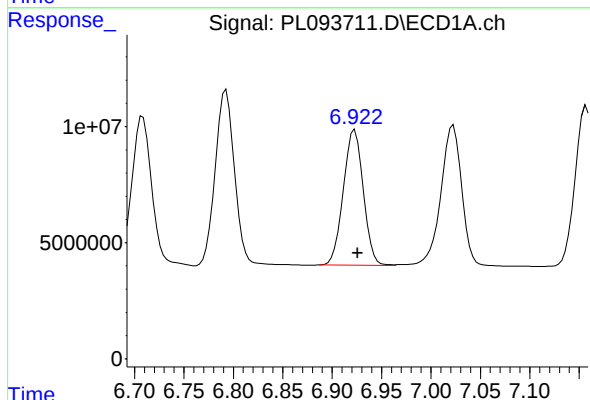
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



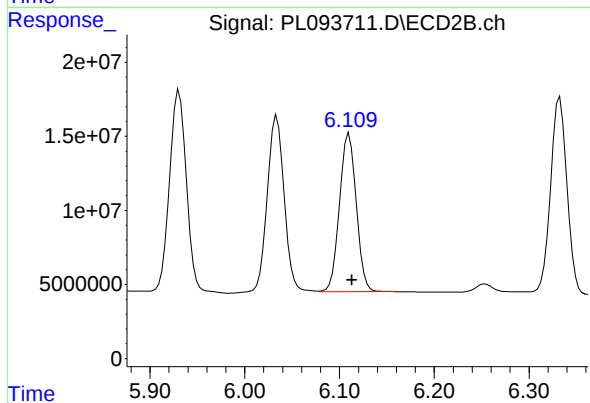
#17 4,4'-DDT

R.T.: 6.034 min
Delta R.T.: -0.003 min
Response: 146511908
Conc: 48.51 ng/ml



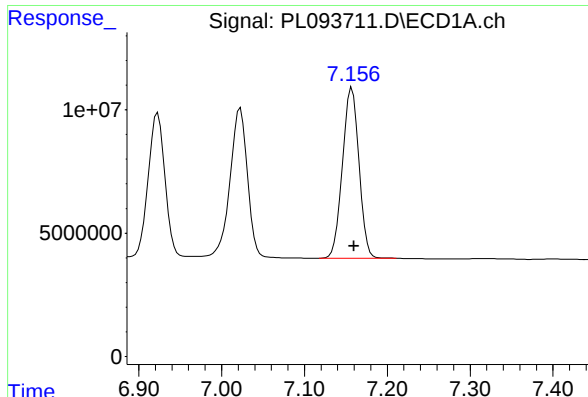
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.003 min
Response: 81837234
Conc: 46.12 ng/ml



#18 Endrin aldehyde

R.T.: 6.110 min
Delta R.T.: -0.003 min
Response: 131119373
Conc: 48.69 ng/ml



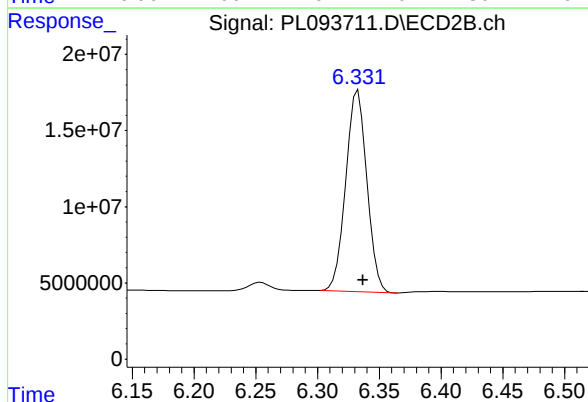
#19 Endosulfan Sulfate

R.T.: 7.157 min
Delta R.T.: -0.003 min
Response: 95972854
Conc: 47.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

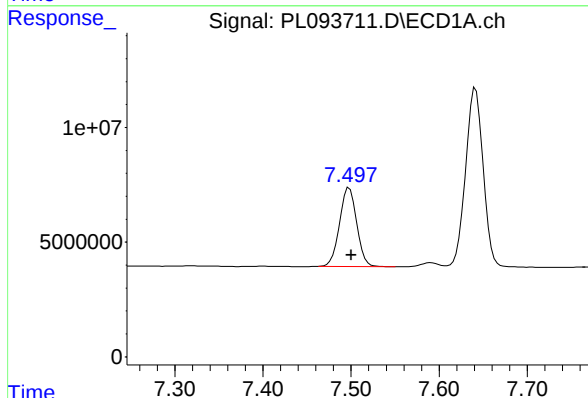
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



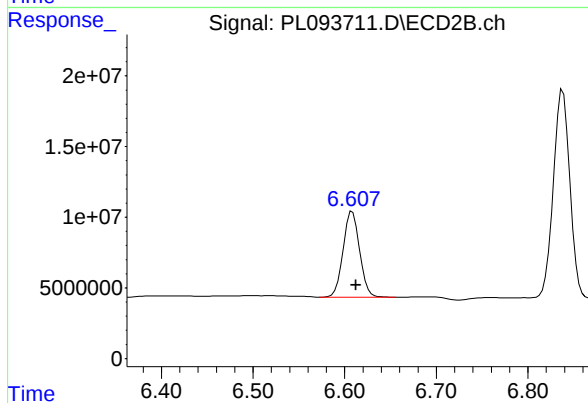
#19 Endosulfan Sulfate

R.T.: 6.333 min
Delta R.T.: -0.004 min
Response: 157719827
Conc: 50.00 ng/ml



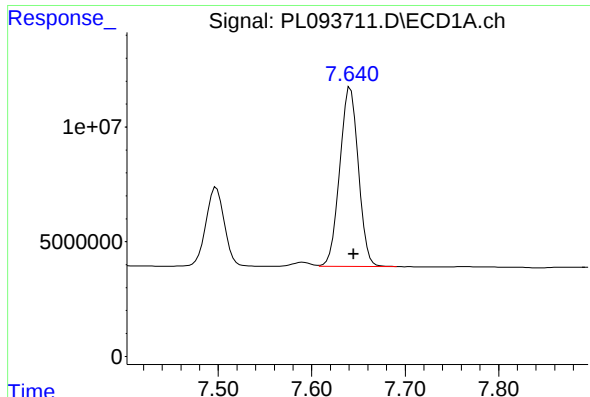
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 46392354
Conc: 46.41 ng/ml



#20 Methoxychlor

R.T.: 6.608 min
Delta R.T.: -0.004 min
Response: 76221181
Conc: 47.35 ng/ml



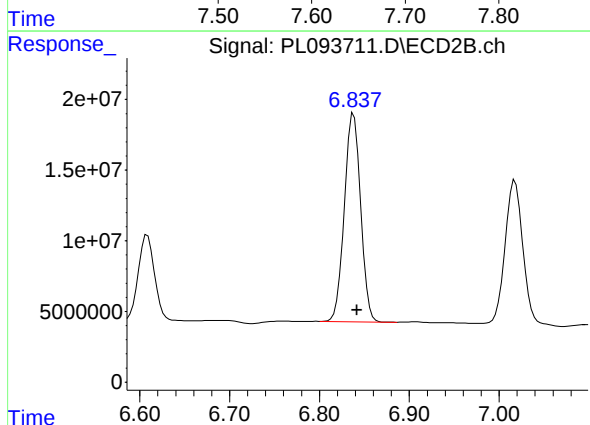
#21 Endrin ketone

R.T.: 7.641 min
Delta R.T.: -0.003 min
Response: 108079363
Conc: 48.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

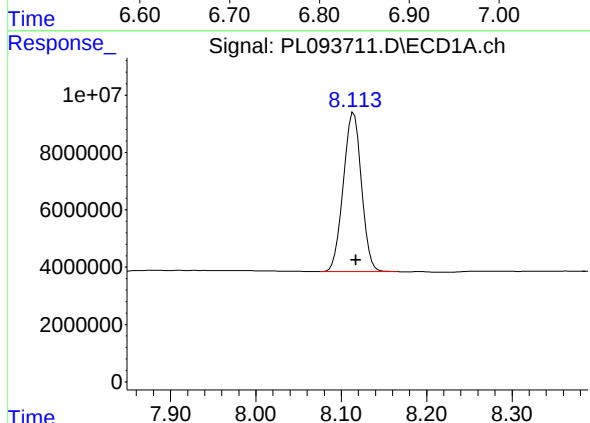
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



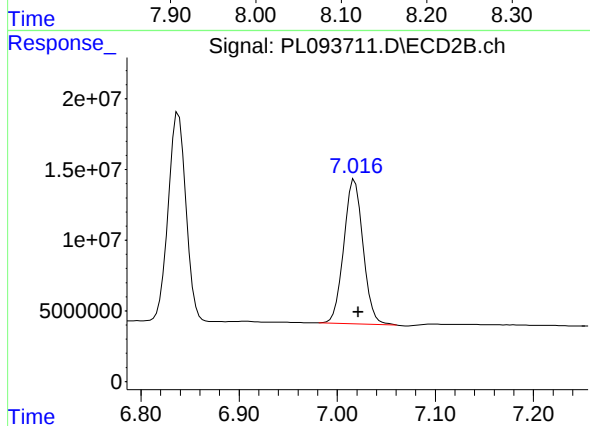
#21 Endrin ketone

R.T.: 6.838 min
Delta R.T.: -0.003 min
Response: 185139384
Conc: 50.86 ng/ml



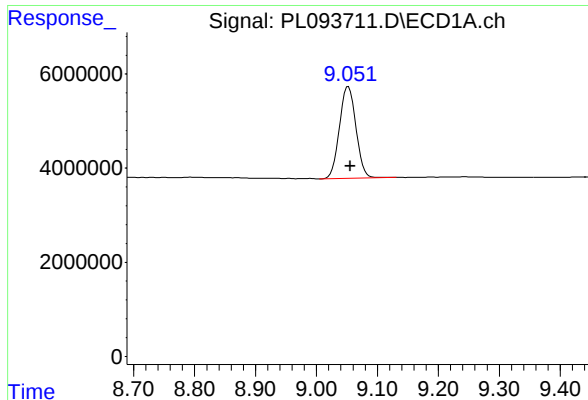
#22 Mirex

R.T.: 8.115 min
Delta R.T.: -0.003 min
Response: 82179373
Conc: 43.98 ng/ml



#22 Mirex

R.T.: 7.018 min
Delta R.T.: -0.004 min
Response: 139030488
Conc: 45.49 ng/ml



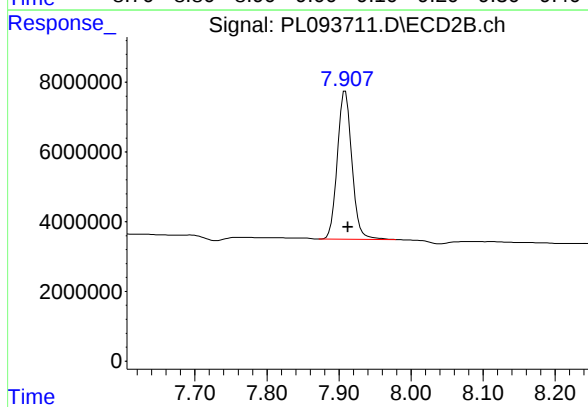
#28 Decachlorobiphenyl

R.T.: 9.052 min
Delta R.T.: -0.003 min
Response: 36806204
Conc: 19.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166128BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/21/2025
Supervised By :Ankita Jodhani 01/21/2025



#28 Decachlorobiphenyl

R.T.: 7.909 min
Delta R.T.: -0.004 min
Response: 59144165
Conc: 19.81 ng/ml