

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012325\
 Data File : PL093776.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jan 2025 14:18
 Operator : AR\AJ
 Sample : Q1156-01MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 281MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/24/2025
 Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 23 15:18:58 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 21 14:58:05 2025
 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...	3.538	2.776	47198550	61899419	17.528m	18.963
28)	SA Decachlor...	9.055	7.911	32500911	53570477	15.536	15.288
Target Compounds							
2)	A alpha-BHC	3.996	3.278	168.6E6	215.7E6	43.988	44.110
3)	MA gamma-BHC...	4.327	3.608	169.9E6	209.5E6	46.137m	44.179
4)	MA Heptachlor	4.916	3.946	139.3E6	201.3E6	42.505	43.236
5)	MB Aldrin	5.258	4.226	136.6E6	198.5E6	41.763	43.511
6)	B beta-BHC	4.527	3.908	66630317	95749859	41.454	47.936
7)	B delta-BHC	4.773	4.137	149.2E6	205.7E6	42.564	43.285
8)	B Heptachlo...	5.684	4.728	123.3E6	188.5E6	41.466	45.087
9)	A Endosulfan I	6.070	5.099	113.7E6	143.1E6	43.033	36.919
10)	B gamma-Chl...	5.941	4.978	137.0E6	214.6E6	49.135	50.647
11)	B alpha-Chl...	6.020	5.042	138.3E6	200.3E6	49.598	47.841
12)	B 4,4'-DDE	6.193	5.231	108.4E6	210.3E6	44.545	52.452
13)	MA Dieldrin	6.345	5.362	118.6E6	203.9E6	42.715	47.457
14)	MA Endrin	6.574	5.637	101.6E6	175.8E6	43.337	47.616
15)	B Endosulfa...	6.795	5.933	105.8E6	174.6E6	43.907	47.135
16)	A 4,4'-DDD	6.711	5.785	90369352	151.7E6	47.549	48.064
17)	MA 4,4'-DDT	7.024	6.036	97288240	164.0E6	49.333	50.389
18)	B Endrin al...	6.925	6.111	73116480	116.1E6	37.610	38.138
19)	B Endosulfa...	7.160	6.335	98849671	162.0E6	43.667	45.417
20)	A Methoxychlor	7.501	6.611	45488838	75475240	43.597	42.209
21)	B Endrin ke...	7.645	6.840	112.9E6	183.7E6	44.773	43.777
22)	Mirex	8.117	7.020	87744230	141.9E6	42.134	41.970

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012325\
Data File : PL093776.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 23 Jan 2025 14:18
Operator : AR\AJ
Sample : Q1156-01MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

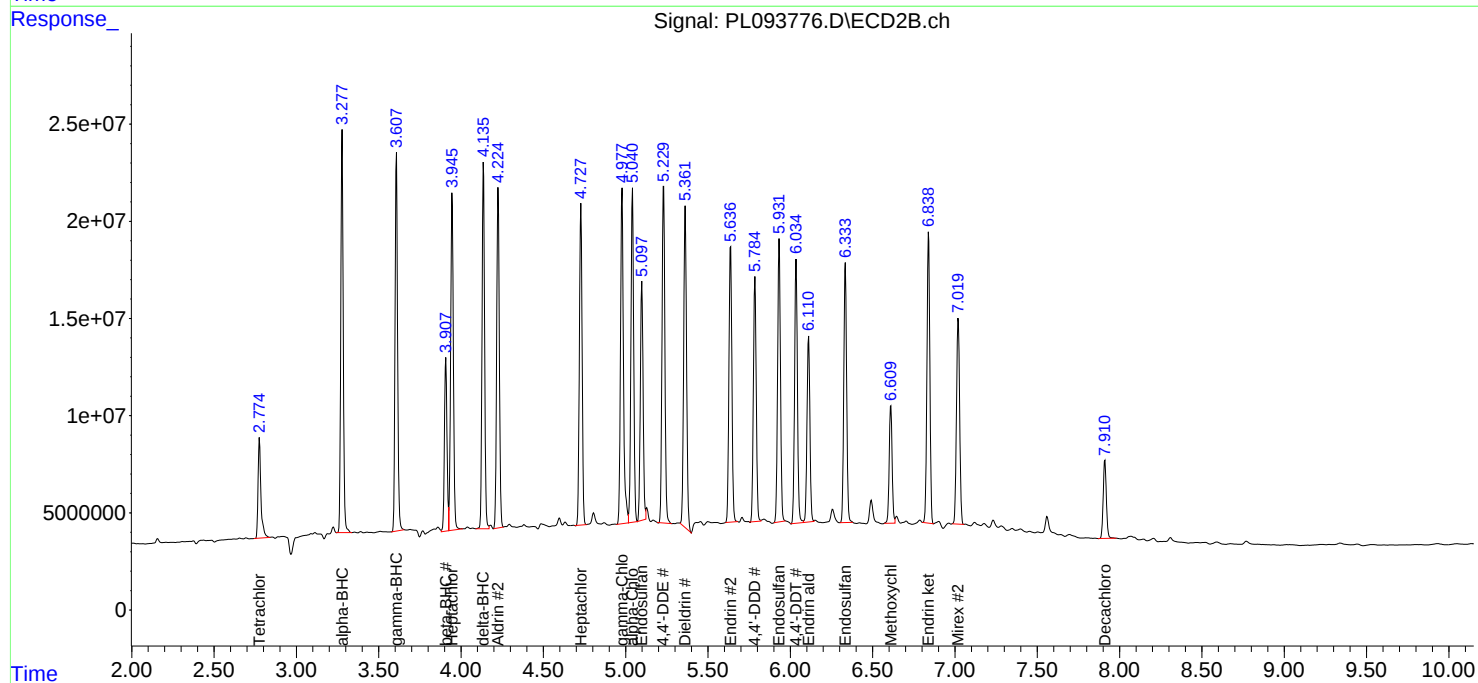
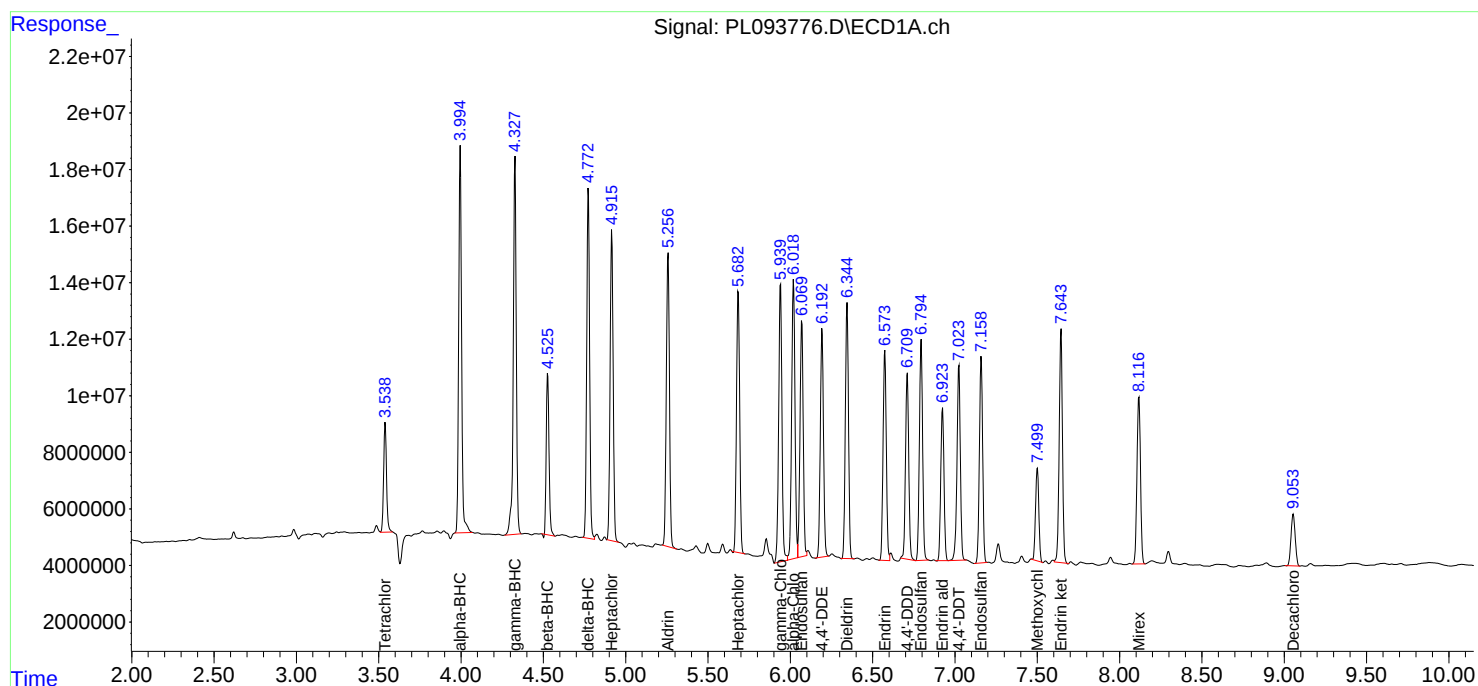
Instrument :
ECD_L
ClientSampleId :
281MS

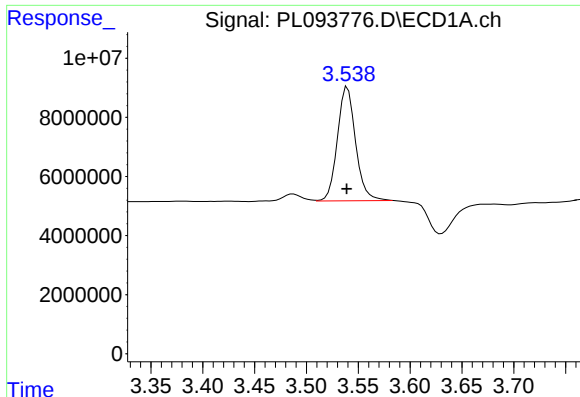
Manual Integrations
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Supervised By : Sohil Jodhani 01/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 23 15:18:58 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012125.M
Quant Title : GC Extractables
QLast Update : Tue Jan 21 14:58:05 2025
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





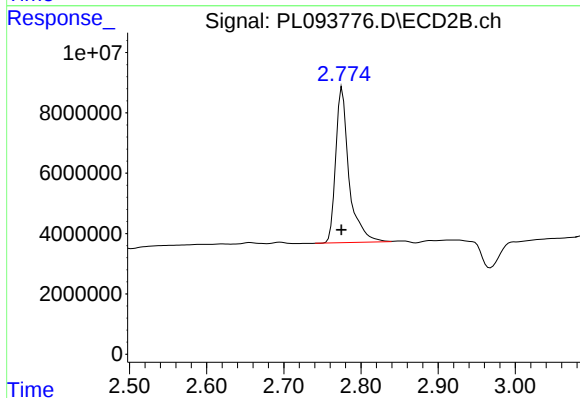
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 47198550
Conc: 17.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

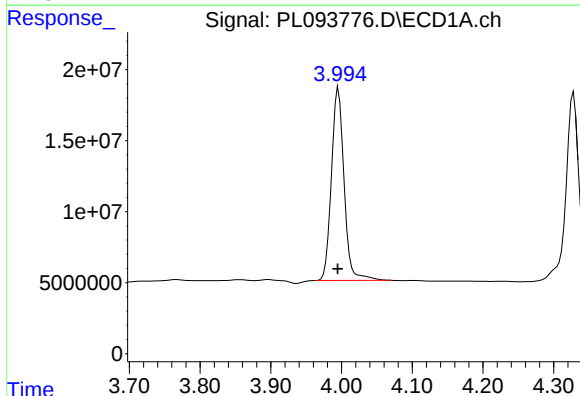
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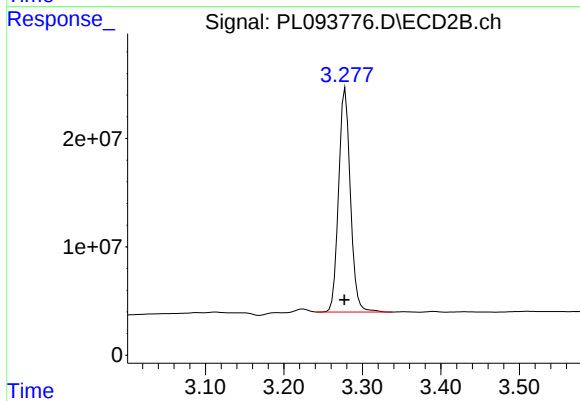
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: 0.001 min
Response: 61899419
Conc: 18.96 ng/ml



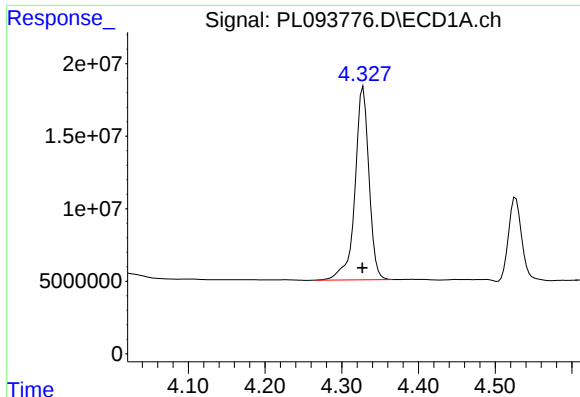
#2 alpha-BHC

R.T.: 3.996 min
Delta R.T.: 0.001 min
Response: 168642371
Conc: 43.99 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: 0.001 min
Response: 215652121
Conc: 44.11 ng/ml



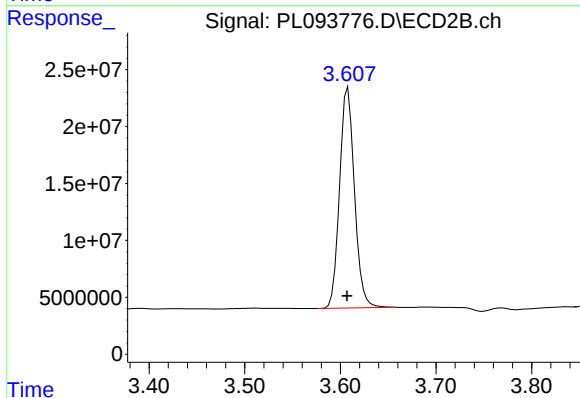
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 169915372
Conc: 46.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

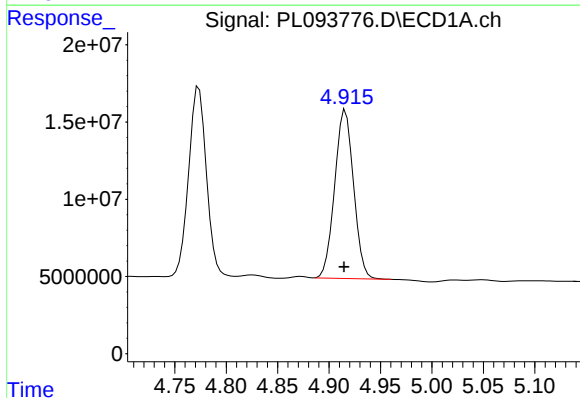
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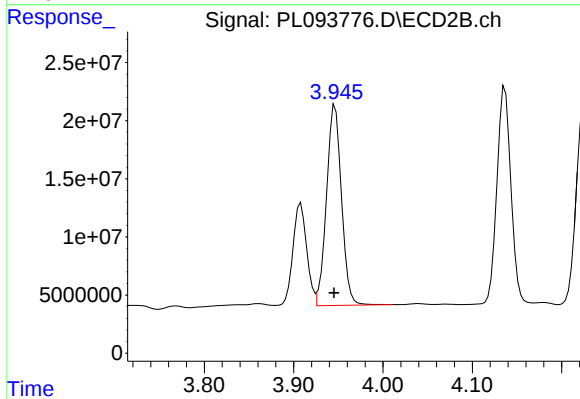
#3 gamma-BHC (Lindane)

R.T.: 3.608 min
Delta R.T.: 0.000 min
Response: 209460012
Conc: 44.18 ng/ml



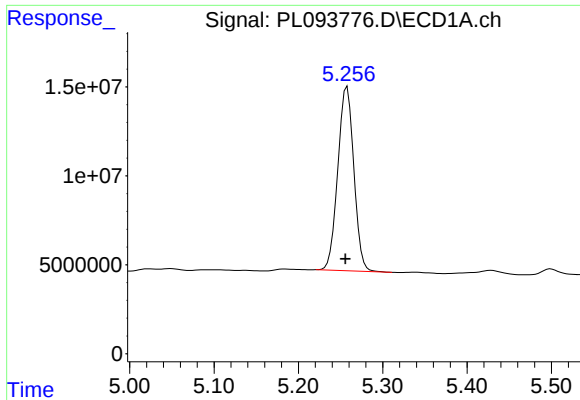
#4 Heptachlor

R.T.: 4.916 min
Delta R.T.: 0.001 min
Response: 139302621
Conc: 42.50 ng/ml



#4 Heptachlor

R.T.: 3.946 min
Delta R.T.: 0.001 min
Response: 201254578
Conc: 43.24 ng/ml



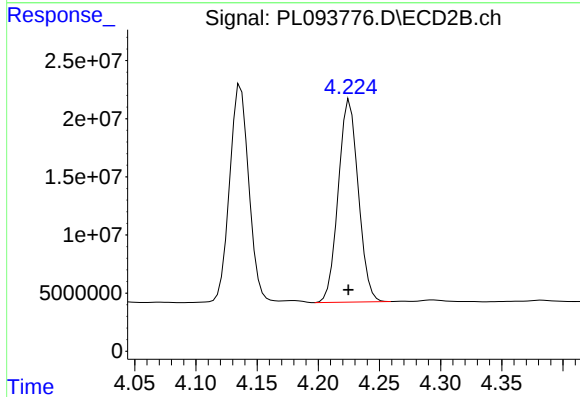
#5 Aldrin

R.T.: 5.258 min
Delta R.T.: 0.002 min
Response: 136647224
Conc: 41.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

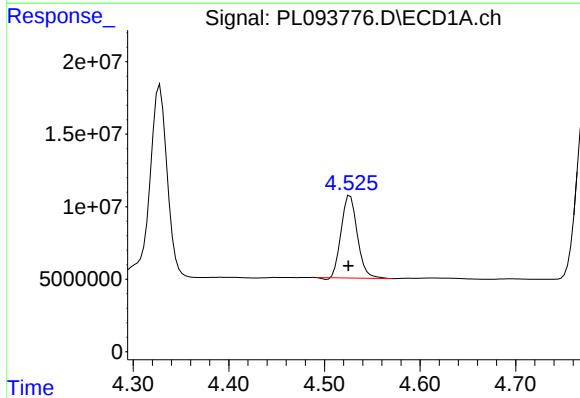
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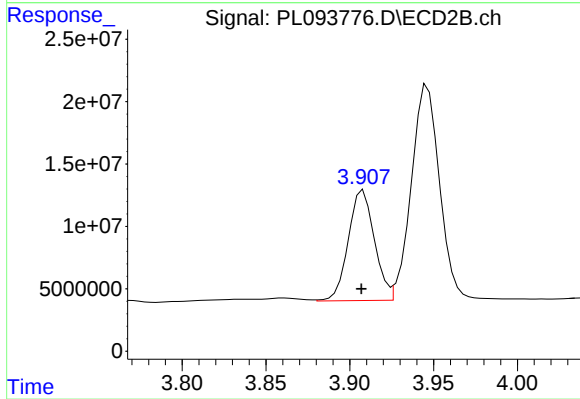
#5 Aldrin

R.T.: 4.226 min
Delta R.T.: 0.001 min
Response: 198486963
Conc: 43.51 ng/ml



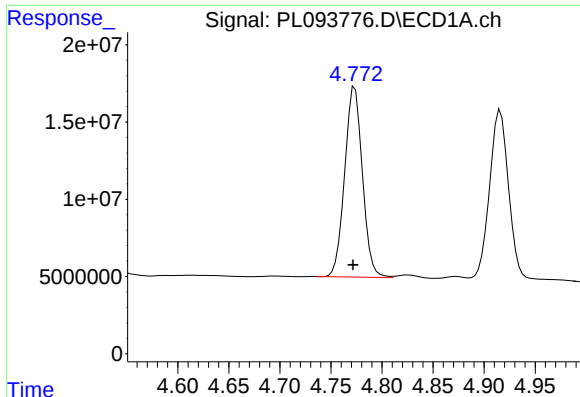
#6 beta-BHC

R.T.: 4.527 min
Delta R.T.: 0.002 min
Response: 66630317
Conc: 41.45 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: 0.001 min
Response: 95749859
Conc: 47.94 ng/ml



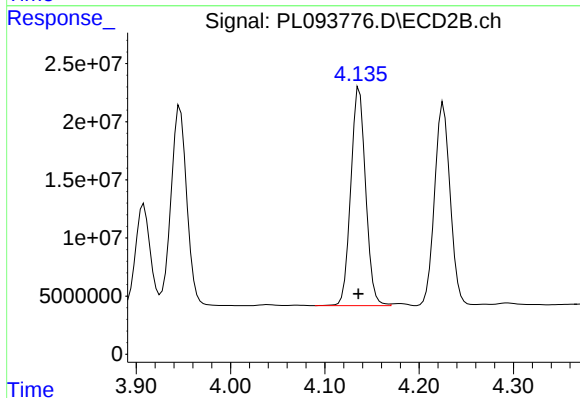
#7 delta-BHC

R.T.: 4.773 min
Delta R.T.: 0.002 min
Response: 149198463
Conc: 42.56 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

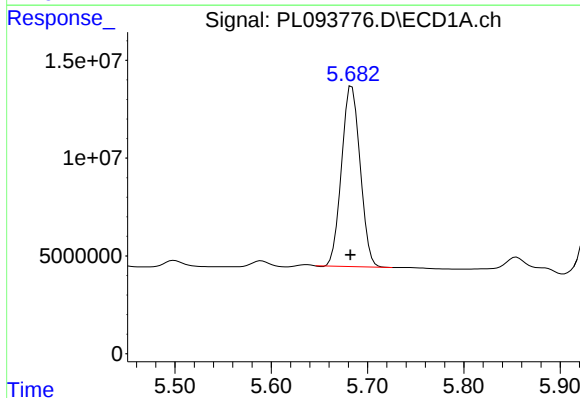
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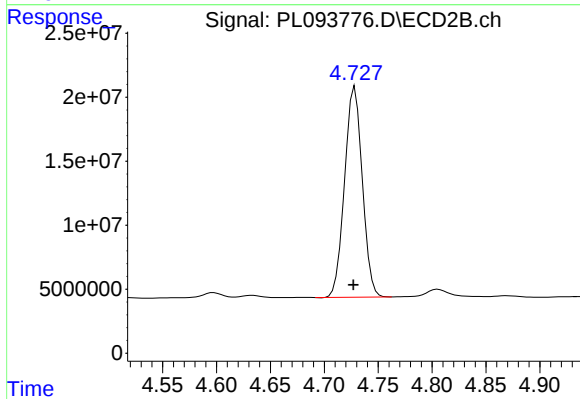
#7 delta-BHC

R.T.: 4.137 min
Delta R.T.: 0.000 min
Response: 205657767
Conc: 43.29 ng/ml



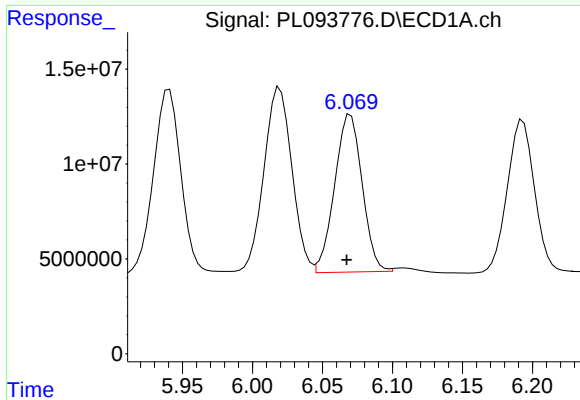
#8 Heptachlor epoxide

R.T.: 5.684 min
Delta R.T.: 0.002 min
Response: 123312136
Conc: 41.47 ng/ml



#8 Heptachlor epoxide

R.T.: 4.728 min
Delta R.T.: 0.001 min
Response: 188473933
Conc: 45.09 ng/ml



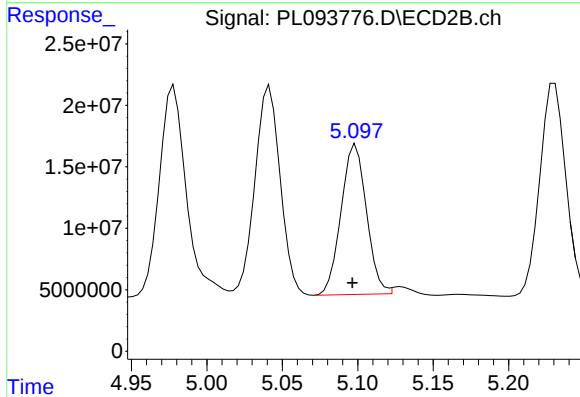
#9 Endosulfan I

R.T.: 6.070 min
Delta R.T.: 0.003 min
Response: 113730568
Conc: 43.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

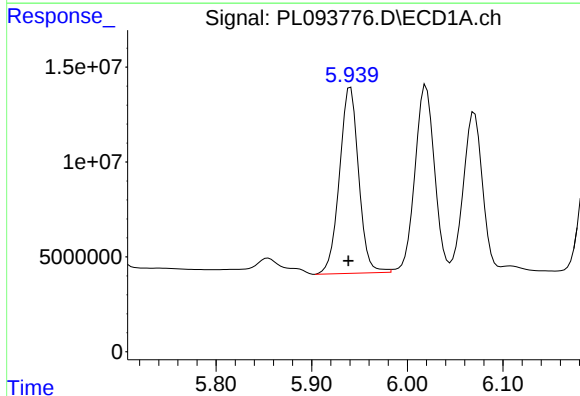
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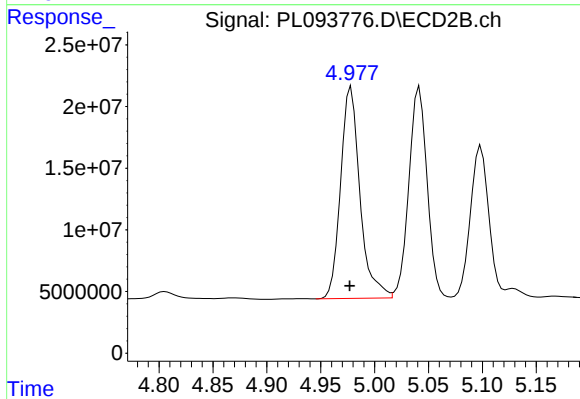
#9 Endosulfan I

R.T.: 5.099 min
Delta R.T.: 0.002 min
Response: 143133763
Conc: 36.92 ng/ml



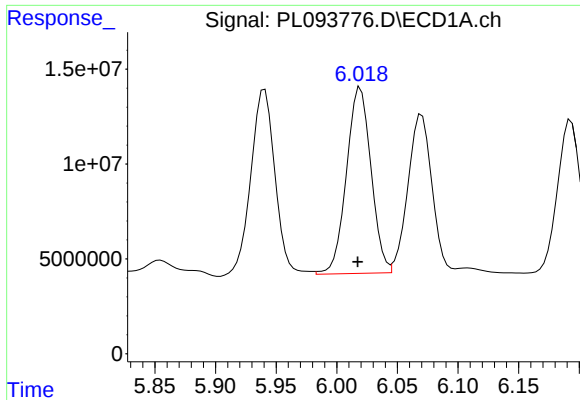
#10 gamma-Chlordane

R.T.: 5.941 min
Delta R.T.: 0.002 min
Response: 136958500
Conc: 49.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.978 min
Delta R.T.: 0.001 min
Response: 214622410
Conc: 50.65 ng/ml



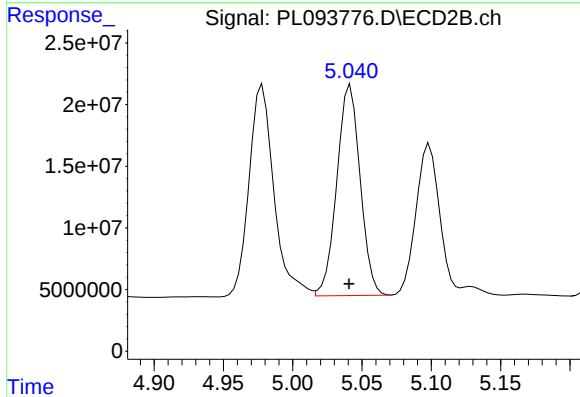
#11 alpha-Chlordane

R.T.: 6.020 min
Delta R.T.: 0.002 min
Response: 138300476
Conc: 49.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

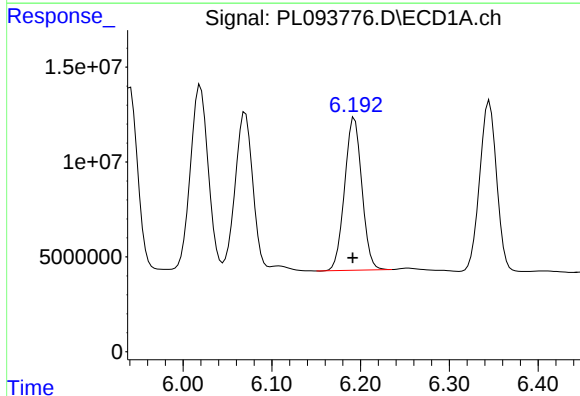
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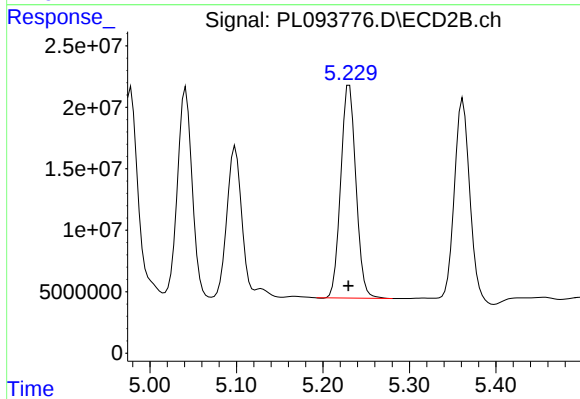
#11 alpha-Chlordane

R.T.: 5.042 min
Delta R.T.: 0.001 min
Response: 200288541
Conc: 47.84 ng/ml



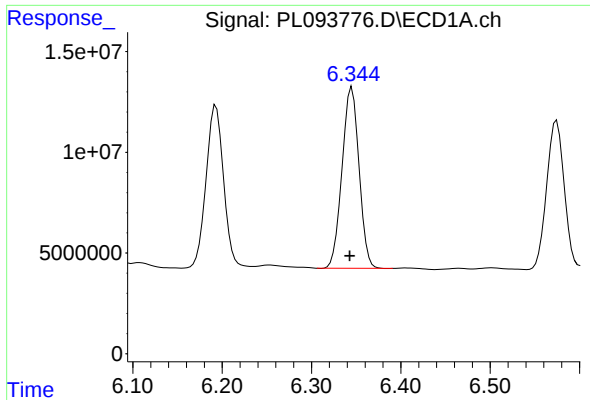
#12 4,4'-DDE

R.T.: 6.193 min
Delta R.T.: 0.002 min
Response: 108449019
Conc: 44.54 ng/ml



#12 4,4'-DDE

R.T.: 5.231 min
Delta R.T.: 0.000 min
Response: 210306436
Conc: 52.45 ng/ml



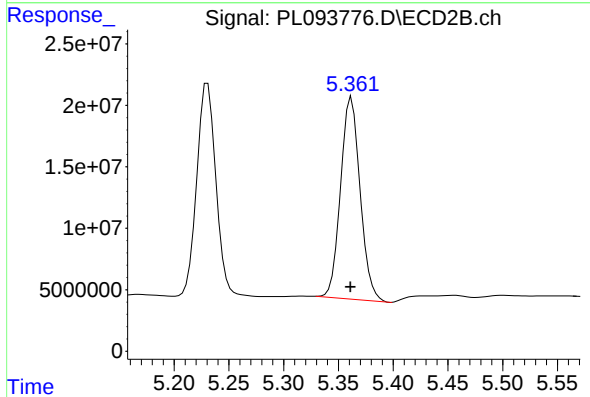
#13 Dieldrin

R.T.: 6.345 min
Delta R.T.: 0.002 min
Response: 118570433
Conc: 42.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

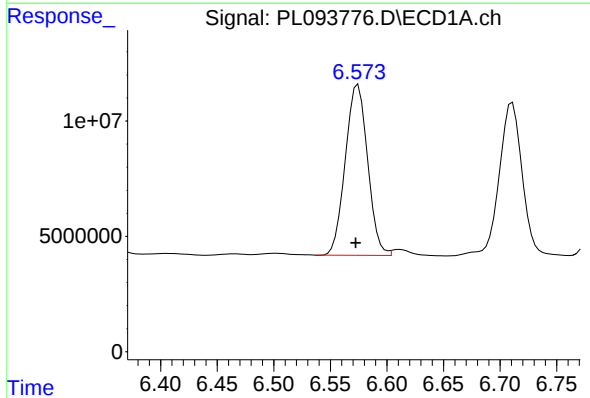
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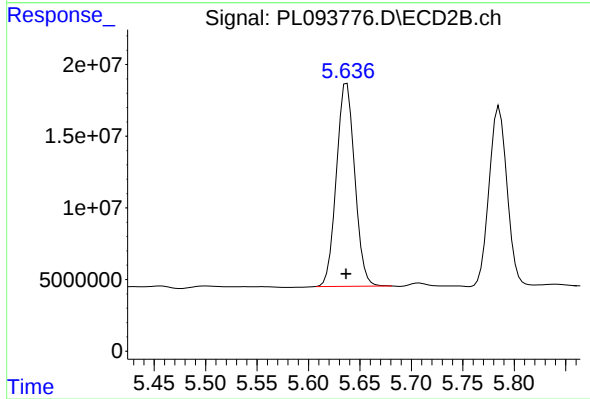
#13 Dieldrin

R.T.: 5.362 min
Delta R.T.: 0.001 min
Response: 203859702
Conc: 47.46 ng/ml



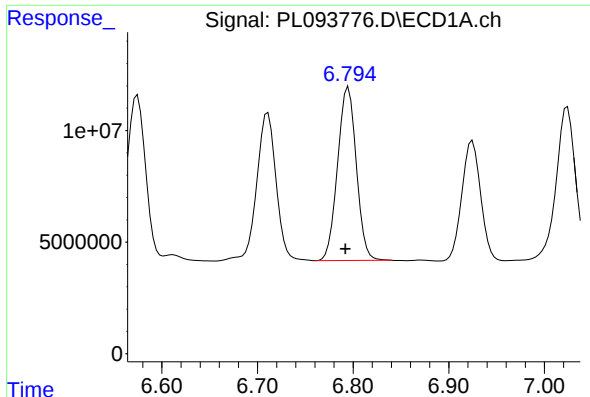
#14 Endrin

R.T.: 6.574 min
Delta R.T.: 0.002 min
Response: 101617102
Conc: 43.34 ng/ml



#14 Endrin

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 175829437
Conc: 47.62 ng/ml



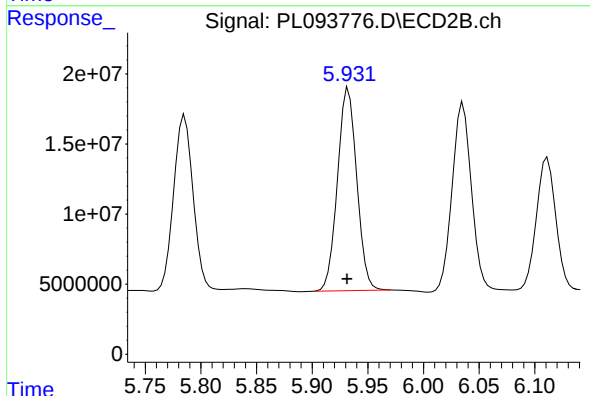
#15 Endosulfan II

R.T.: 6.795 min
Delta R.T.: 0.003 min
Response: 105786827
Conc: 43.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

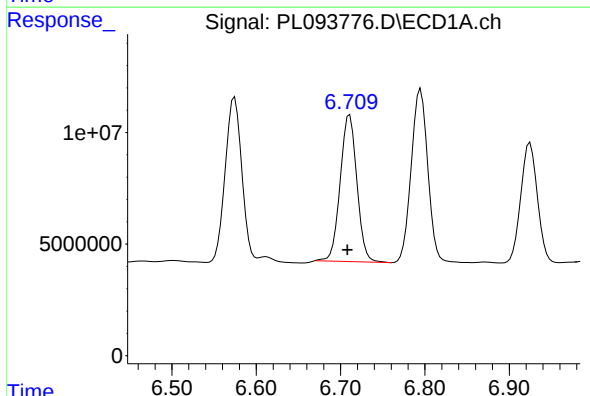
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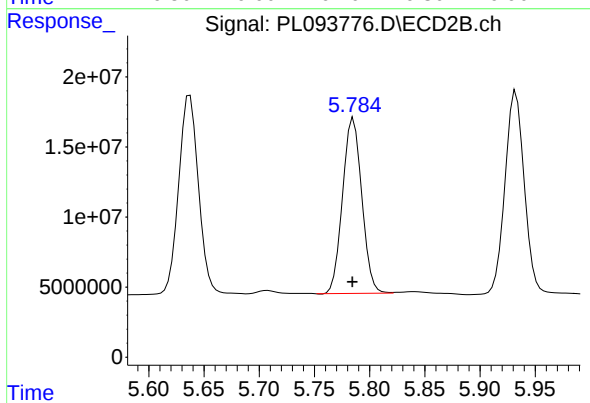
#15 Endosulfan II

R.T.: 5.933 min
Delta R.T.: 0.001 min
Response: 174580027
Conc: 47.14 ng/ml



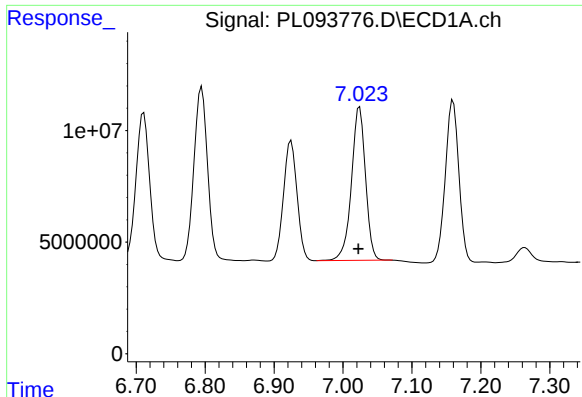
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.003 min
Response: 90369352
Conc: 47.55 ng/ml



#16 4,4'-DDD

R.T.: 5.785 min
Delta R.T.: 0.001 min
Response: 151715929
Conc: 48.06 ng/ml



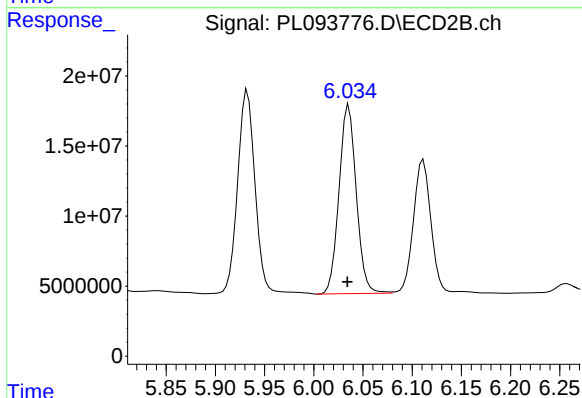
#17 4,4'-DDT

R.T.: 7.024 min
Delta R.T.: 0.002 min
Response: 97288240
Conc: 49.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

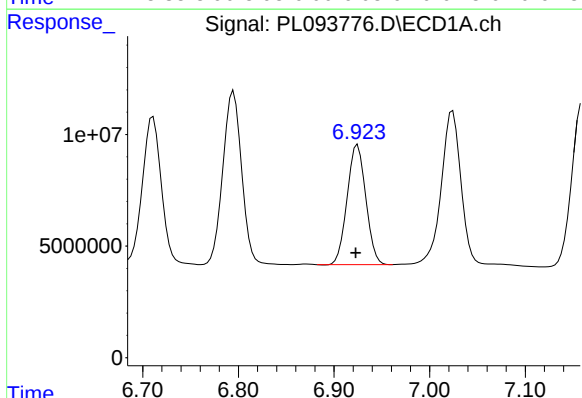
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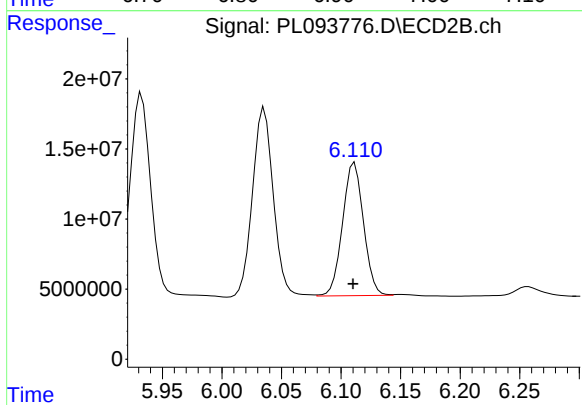
#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: 0.001 min
Response: 163967354
Conc: 50.39 ng/ml



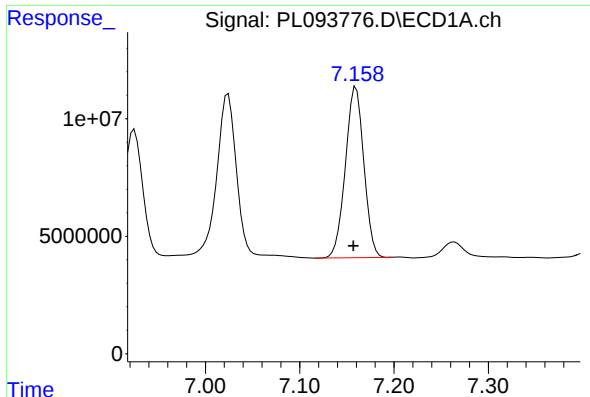
#18 Endrin aldehyde

R.T.: 6.925 min
Delta R.T.: 0.002 min
Response: 73116480
Conc: 37.61 ng/ml



#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: 0.001 min
Response: 116116448
Conc: 38.14 ng/ml



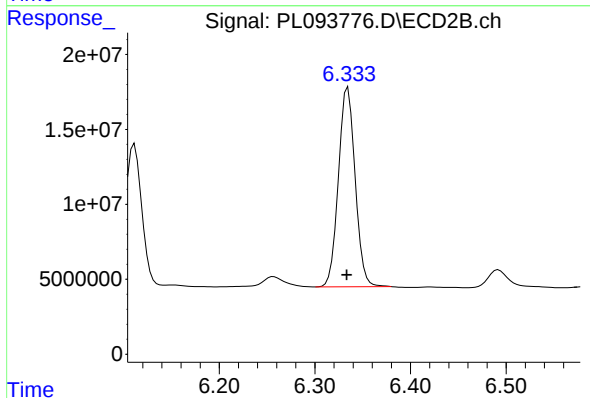
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: 0.003 min
Response: 98849671
Conc: 43.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

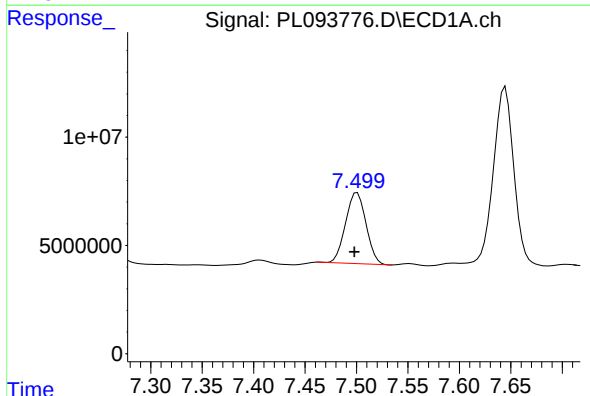
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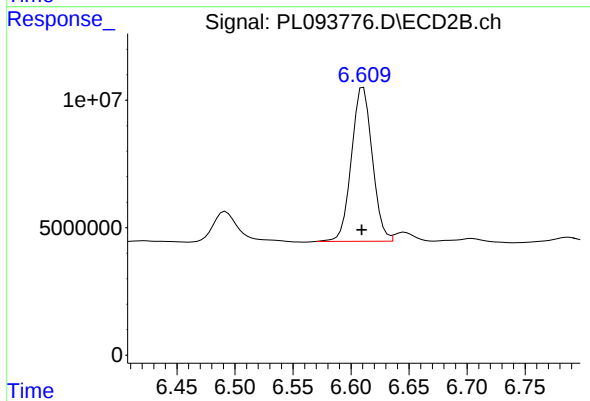
#19 Endosulfan Sulfate

R.T.: 6.335 min
Delta R.T.: 0.001 min
Response: 161959919
Conc: 45.42 ng/ml



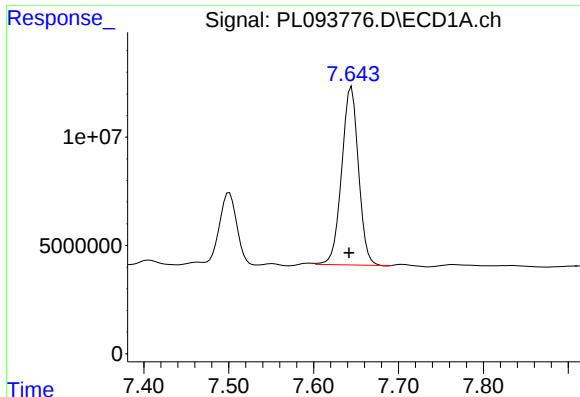
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.003 min
Response: 45488838
Conc: 43.60 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: 0.001 min
Response: 75475240
Conc: 42.21 ng/ml



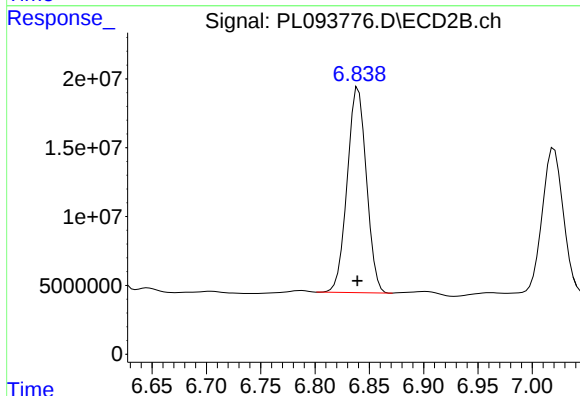
#21 Endrin ketone

R.T.: 7.645 min
Delta R.T.: 0.003 min
Response: 112944450
Conc: 44.77 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

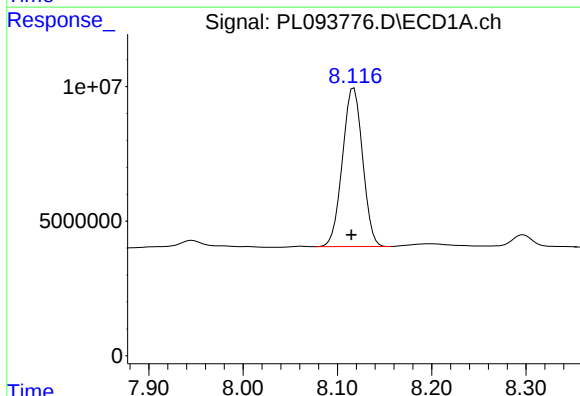
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APPROVED

Reviewed By :Abdul Mirza 01/24/2025
Supervised By :Sohil Jodhani 01/24/2025



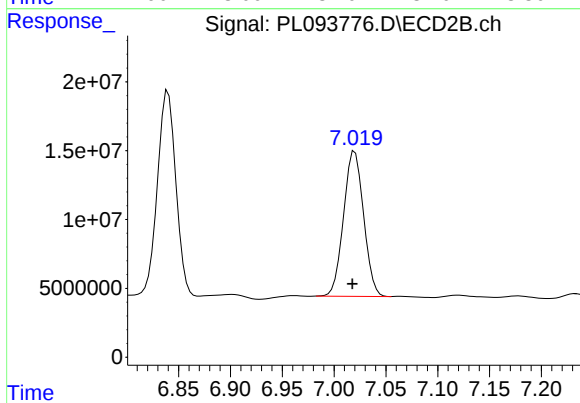
#21 Endrin ketone

R.T.: 6.840 min
Delta R.T.: 0.000 min
Response: 183654920
Conc: 43.78 ng/ml



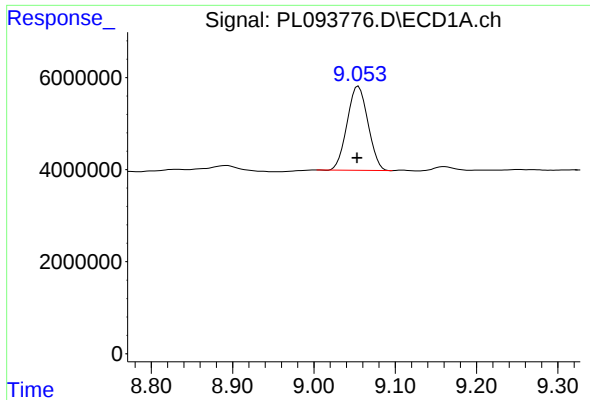
#22 Mirex

R.T.: 8.117 min
Delta R.T.: 0.003 min
Response: 87744230
Conc: 42.13 ng/ml



#22 Mirex

R.T.: 7.020 min
Delta R.T.: 0.002 min
Response: 141939128
Conc: 41.97 ng/ml



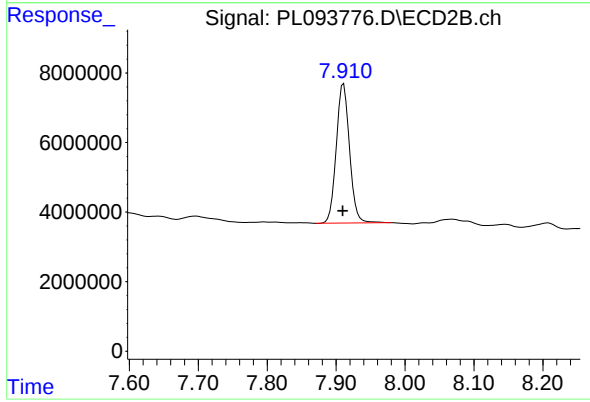
#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.002 min
Response: 32500911
Conc: 15.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
281MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: 0.001 min
Response: 53570477
Conc: 15.29 ng/ml