

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 15:46
 Operator : AR\AJ
 Sample : PB158098BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB158098BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 12/28/2023
 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 20:38:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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...	3.421	2.677	53212085	22117047	14.139	13.139
28)	SA Decachlor...	8.980	7.866	55827802	25813968	16.372	15.284
Target Compounds							
2)	A alpha-BHC	3.878	3.179	311.7E6	133.1E6	57.565	54.151m
3)	MA gamma-BHC...	4.211	3.511	290.5E6	125.1E6	55.268	51.623
4)	MA Heptachlor	4.802	3.853	296.3E6	123.8E6	55.627m	51.772
5)	MB Aldrin	5.146	4.133	279.1E6	120.6E6	53.612	50.283
6)	B beta-BHC	4.411	3.811	125.3E6	52373047	54.571	50.311m
7)	B delta-BHC	4.656	4.042	287.0E6	126.0E6	54.882m	51.517
8)	B Heptachlo...	5.578	4.641	250.1E6	109.1E6	53.065	49.027
9)	A Endosulfan I	5.964	5.012	233.8E6	103.4E6	52.348	47.839
10)	B gamma-Chl...	5.836	4.894	256.4E6	112.1E6	52.896	48.997
11)	B alpha-Chl...	5.916	4.959	251.5E6	111.3E6	52.322	48.225
12)	B 4,4'-DDE	6.097	5.156	222.6E6	100.1E6	53.705	50.401m
13)	MA Dieldrin	6.242	5.278	239.3E6	108.0E6	51.567	48.486m
14)	MA Endrin	6.472	5.555	195.1E6	94331847	50.701	47.269
15)	B Endosulfa...	6.694	5.853	196.3E6	89360745	48.953	45.896
16)	A 4,4'-DDD	6.617	5.716	184.4E6	85602484	55.783	51.700
17)	MA 4,4'-DDT	6.935	5.968	188.7E6	85785429	50.194	46.513
18)	B Endrin al...	6.825	6.035	149.8E6	69853908	51.691	47.597
19)	B Endosulfa...	7.061	6.259	201.9E6	91475851	51.426	48.559m
20)	A Methoxychlor	7.420	6.553	95744454	46621850	49.102	45.645m
21)	B Endrin ke...	7.546	6.765	213.0E6	106.7E6	52.363m	50.119m
22)	Mirex	8.025	6.947	151.3E6	75555146	44.918	42.468

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL122723\
 Data File : PL087524.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 27 Dec 2023 15:46
 Operator : AR\AJ
 Sample : PB158098BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

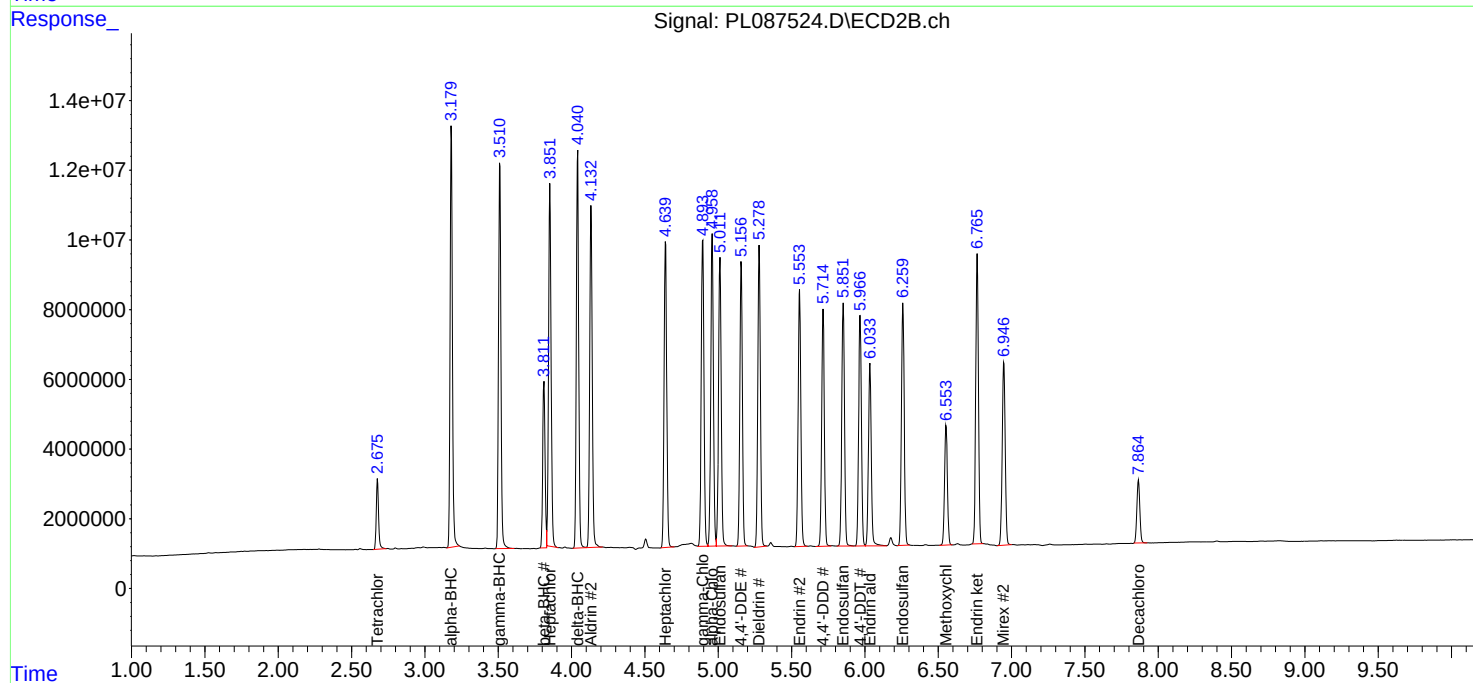
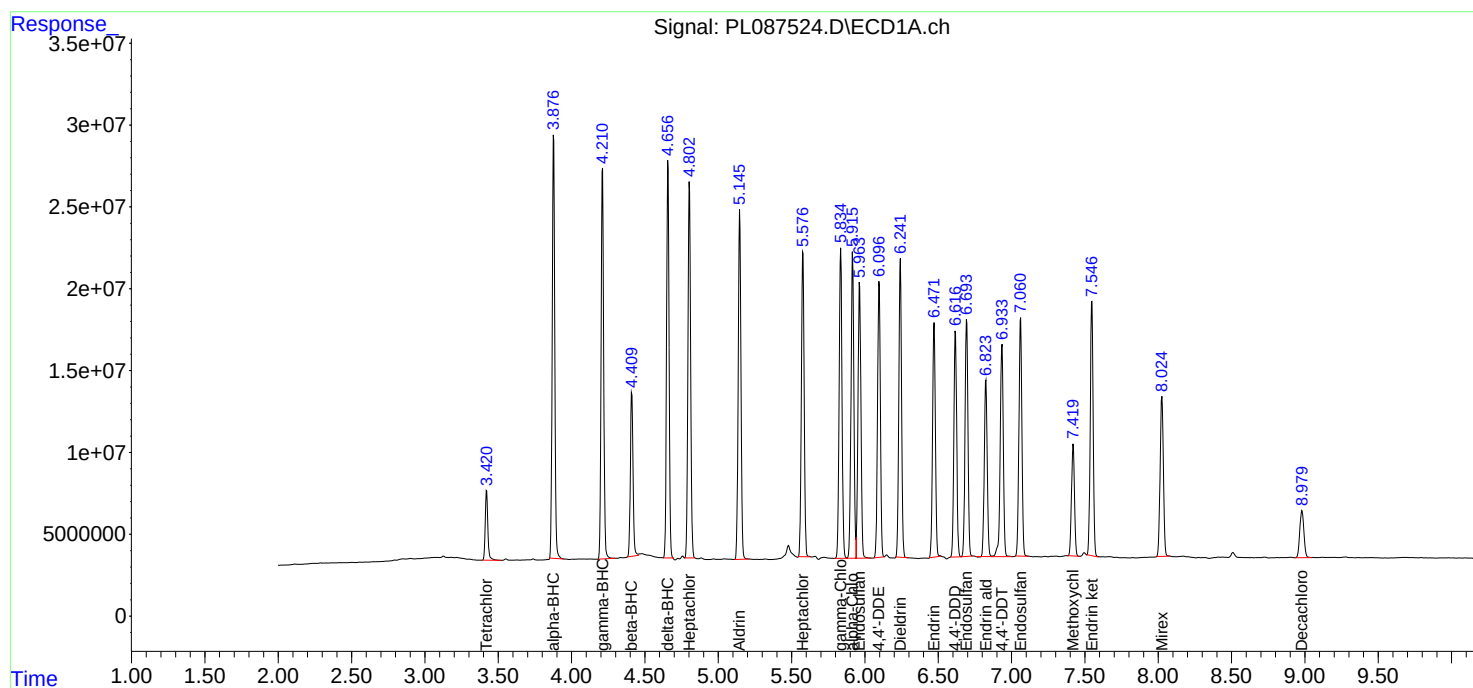
Instrument :
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 PB158098BS

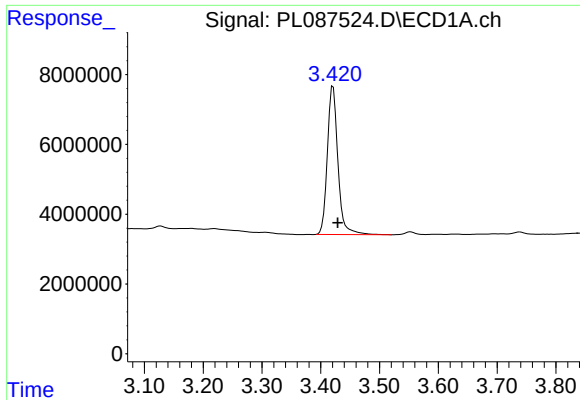
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 Supervised By : Ankita Jodhani 12/28/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Dec 27 20:38:48 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL121523.M
 Quant Title : GC Extractables
 QLast Update : Sat Dec 16 04:03:23 2023
 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





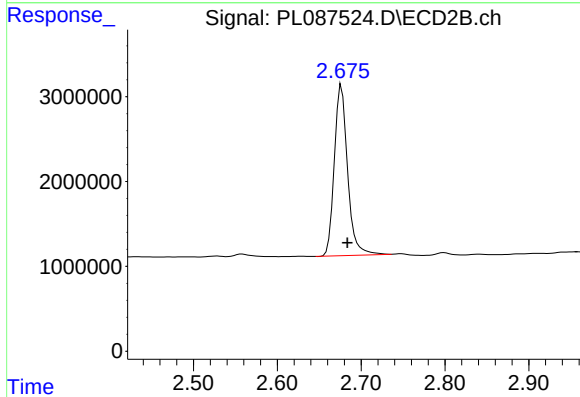
#1 Tetrachloro-m-xylene

R.T.: 3.421 min
Delta R.T.: -0.008 min
Response: 53212085
Conc: 14.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

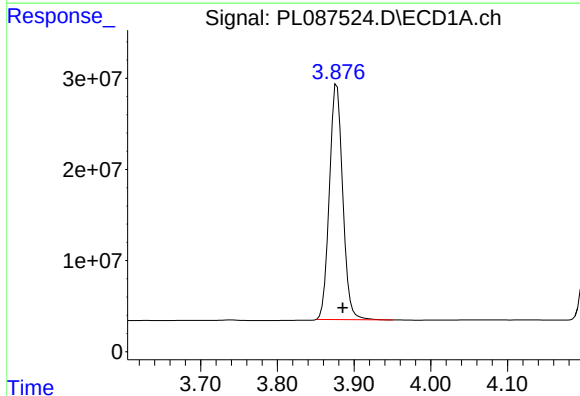
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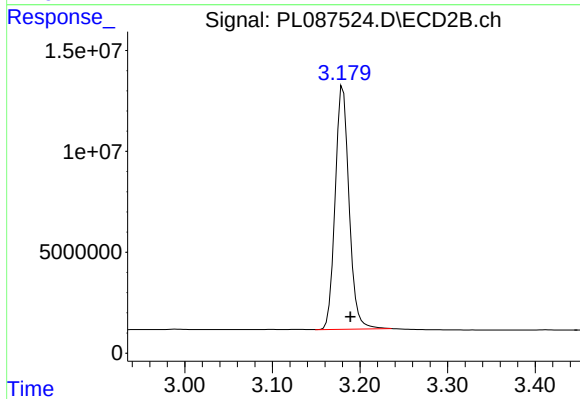
#1 Tetrachloro-m-xylene

R.T.: 2.677 min
Delta R.T.: -0.007 min
Response: 22117047
Conc: 13.14 ng/ml



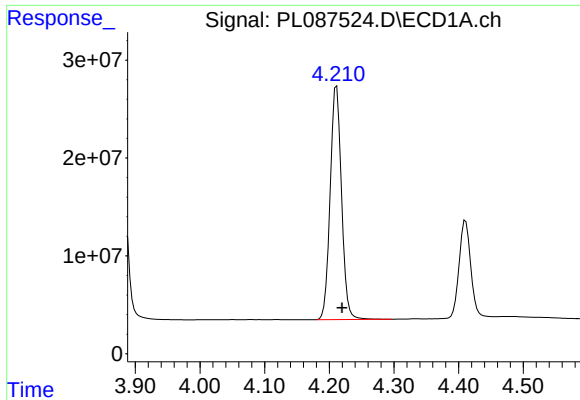
#2 alpha-BHC

R.T.: 3.878 min
Delta R.T.: -0.008 min
Response: 311663440
Conc: 57.56 ng/ml



#2 alpha-BHC

R.T.: 3.179 min
Delta R.T.: -0.010 min
Response: 133081960
Conc: 54.15 ng/ml m



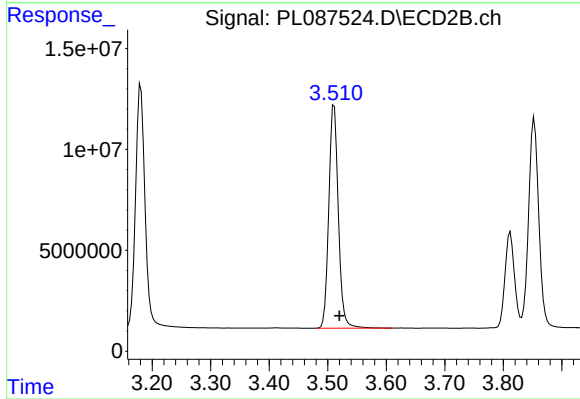
#3 gamma-BHC (Lindane)

R.T.: 4.211 min
Delta R.T.: -0.008 min
Response: 290468509
Conc: 55.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

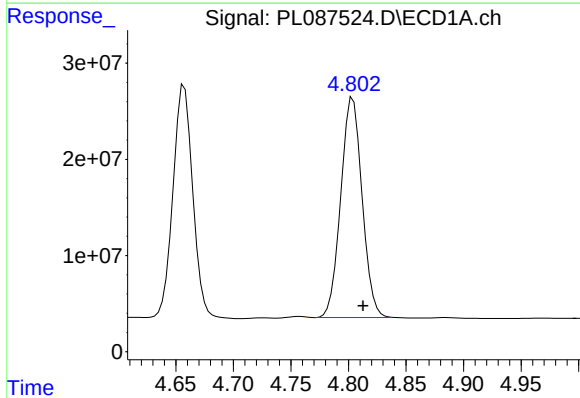
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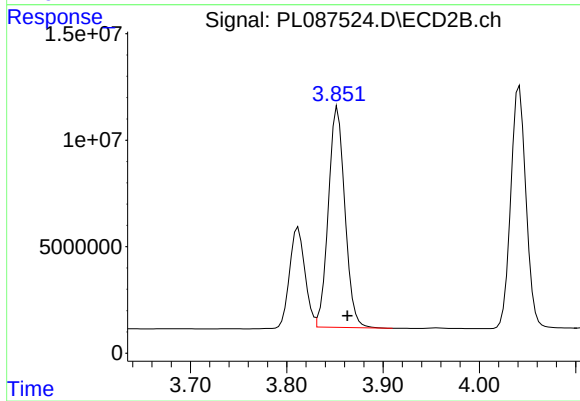
#3 gamma-BHC (Lindane)

R.T.: 3.511 min
Delta R.T.: -0.009 min
Response: 125050635
Conc: 51.62 ng/ml



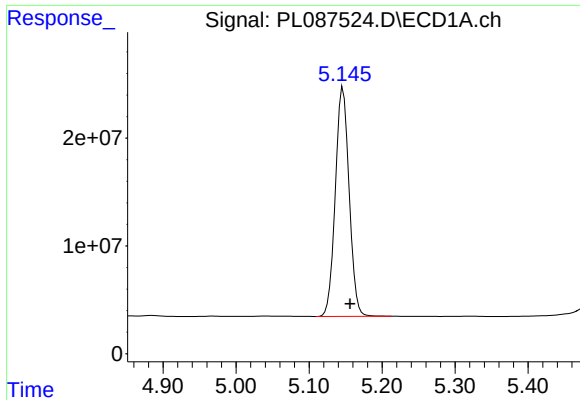
#4 Heptachlor

R.T.: 4.802 min
Delta R.T.: -0.010 min
Response: 296302165
Conc: 55.63 ng/ml m



#4 Heptachlor

R.T.: 3.853 min
Delta R.T.: -0.010 min
Response: 123750650
Conc: 51.77 ng/ml



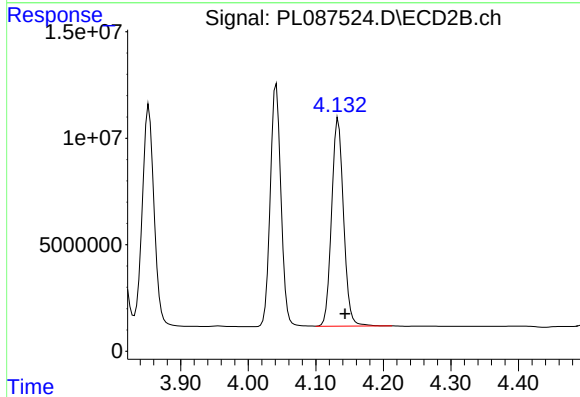
#5 Aldrin

R.T.: 5.146 min
Delta R.T.: -0.010 min
Response: 279126331
Conc: 53.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

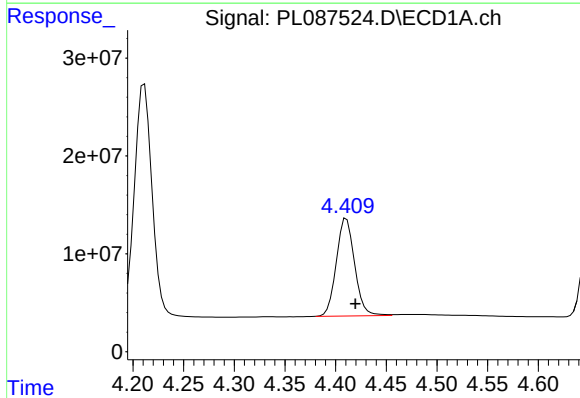
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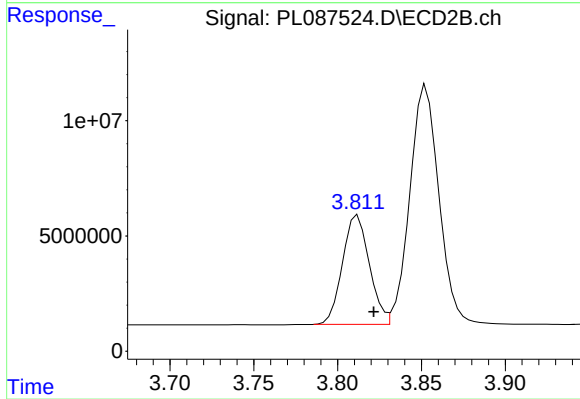
#5 Aldrin

R.T.: 4.133 min
Delta R.T.: -0.010 min
Response: 120565539
Conc: 50.28 ng/ml



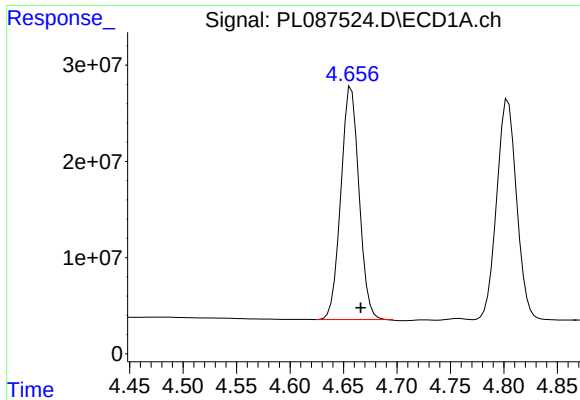
#6 beta-BHC

R.T.: 4.411 min
Delta R.T.: -0.009 min
Response: 125338725
Conc: 54.57 ng/ml



#6 beta-BHC

R.T.: 3.811 min
Delta R.T.: -0.011 min
Response: 52373047
Conc: 50.31 ng/ml m



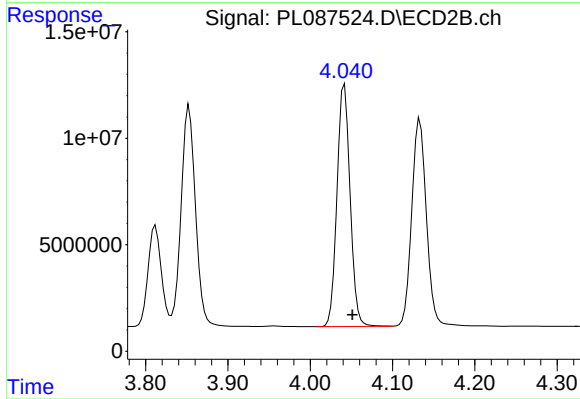
#7 delta-BHC

R.T.: 4.656 min
Delta R.T.: -0.010 min
Response: 286999064
Conc: 54.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

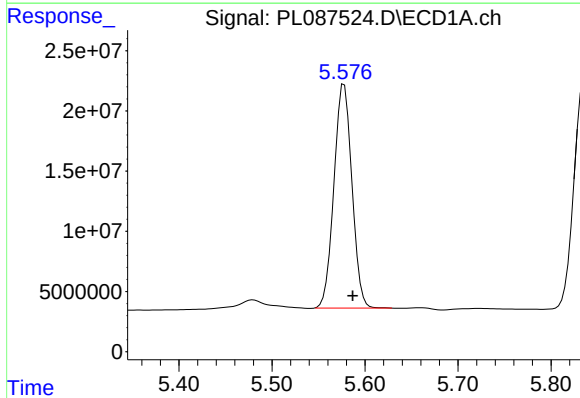
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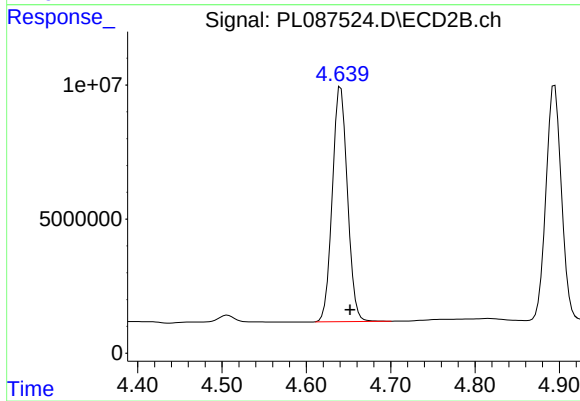
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.009 min
Response: 126021853
Conc: 51.52 ng/ml



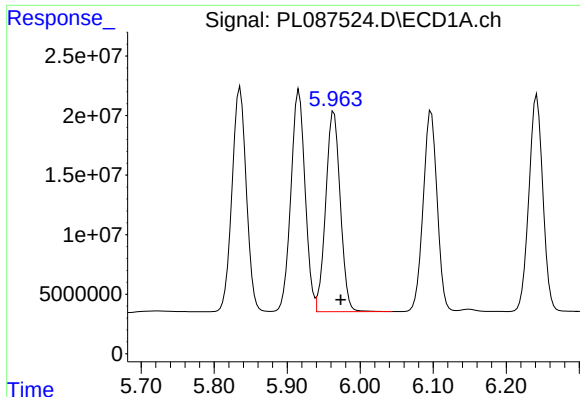
#8 Heptachlor epoxide

R.T.: 5.578 min
Delta R.T.: -0.009 min
Response: 250086830
Conc: 53.07 ng/ml



#8 Heptachlor epoxide

R.T.: 4.641 min
Delta R.T.: -0.011 min
Response: 109101202
Conc: 49.03 ng/ml



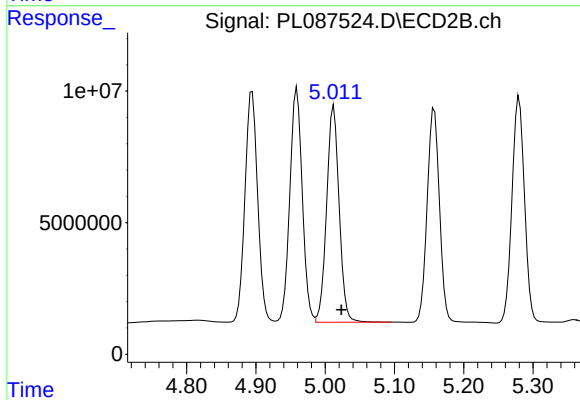
#9 Endosulfan I

R.T.: 5.964 min
Delta R.T.: -0.009 min
Response: 233802196
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

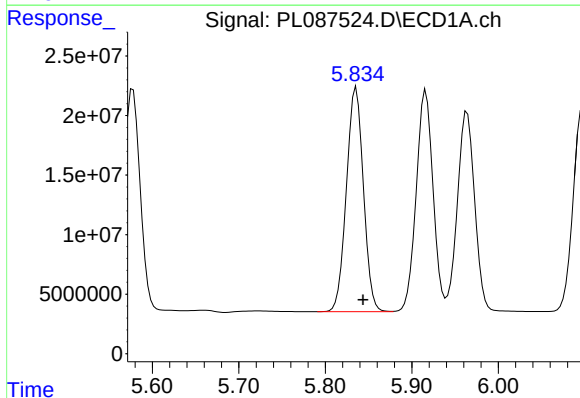
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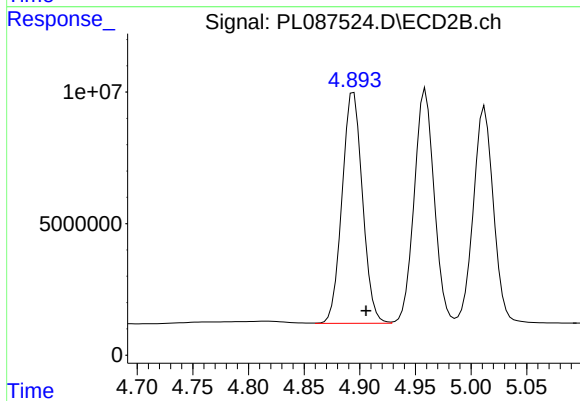
#9 Endosulfan I

R.T.: 5.012 min
Delta R.T.: -0.011 min
Response: 103387269
Conc: 47.84 ng/ml



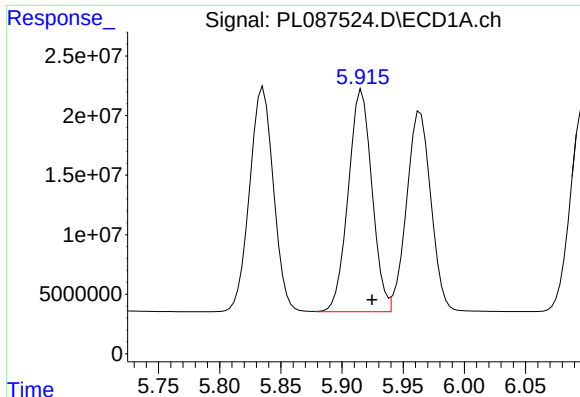
#10 gamma-Chlordane

R.T.: 5.836 min
Delta R.T.: -0.008 min
Response: 256443517
Conc: 52.90 ng/ml



#10 gamma-Chlordane

R.T.: 4.894 min
Delta R.T.: -0.011 min
Response: 112071826
Conc: 49.00 ng/ml



#11 alpha-Chlordane

R.T.: 5.916 min
Delta R.T.: -0.008 min
Response: 251468269
Conc: 52.32 ng/ml

Instrument :

ECD_L

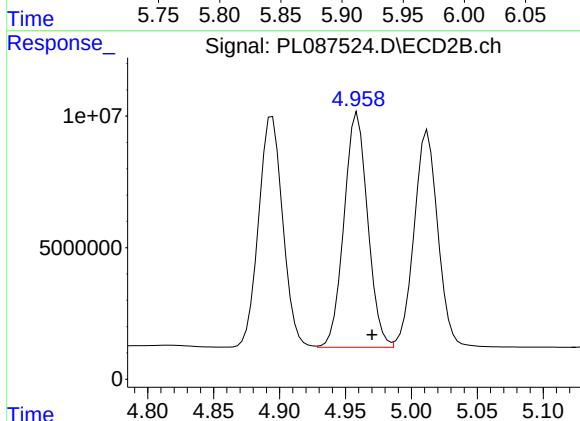
ClientSampleId :

PB158098BS

Manual Integrations

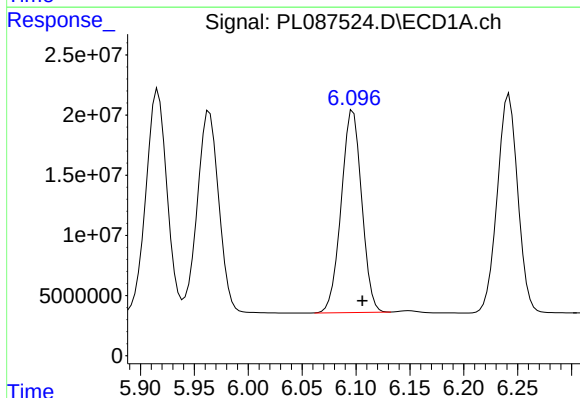
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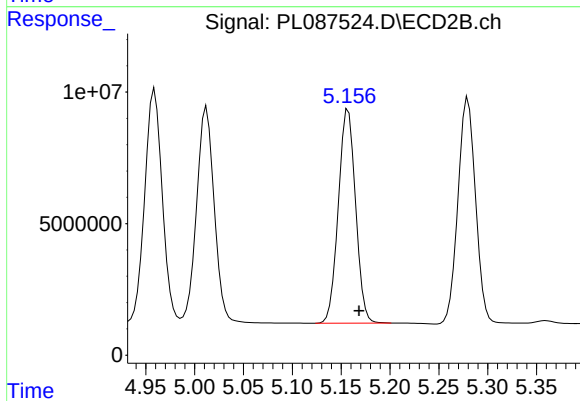
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: -0.011 min
Response: 111304685
Conc: 48.23 ng/ml



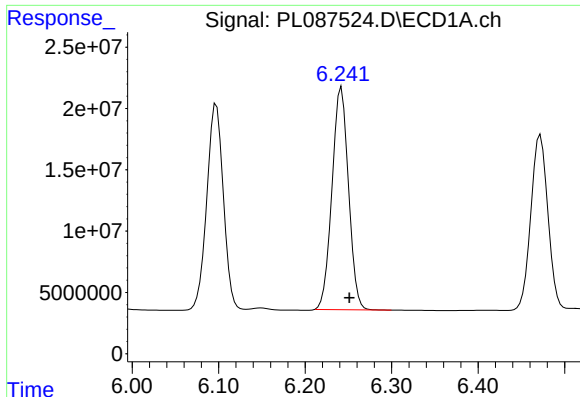
#12 4,4'-DDE

R.T.: 6.097 min
Delta R.T.: -0.009 min
Response: 222554967
Conc: 53.70 ng/ml



#12 4,4'-DDE

R.T.: 5.156 min
Delta R.T.: -0.013 min
Response: 100072069
Conc: 50.40 ng/ml m



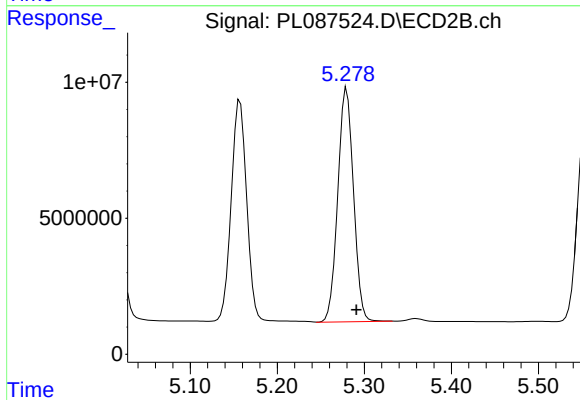
#13 Dieldrin

R.T.: 6.242 min
Delta R.T.: -0.009 min
Response: 239318915
Conc: 51.57 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

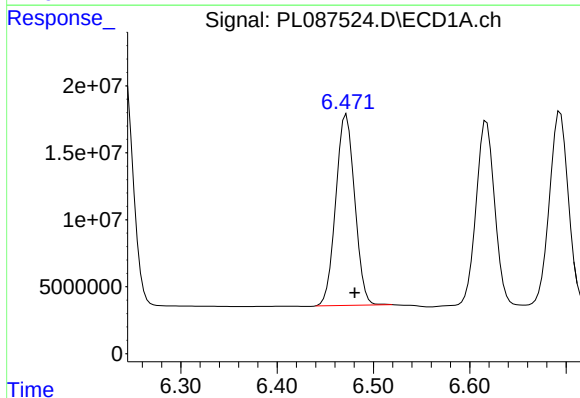
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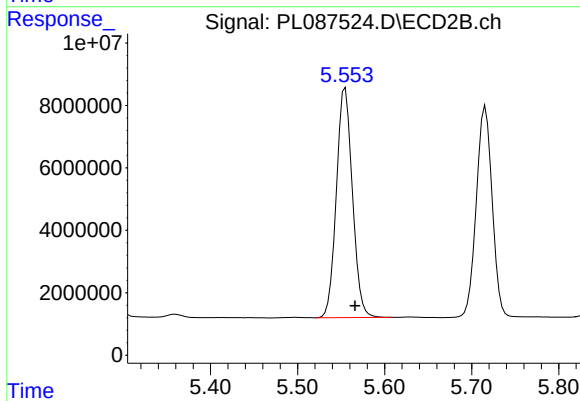
#13 Dieldrin

R.T.: 5.278 min
Delta R.T.: -0.012 min
Response: 108014590
Conc: 48.49 ng/ml m



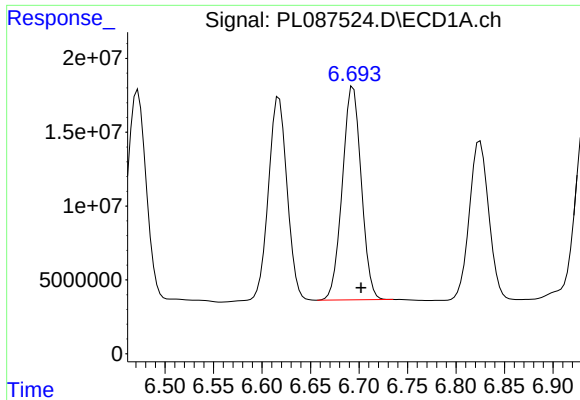
#14 Endrin

R.T.: 6.472 min
Delta R.T.: -0.008 min
Response: 195065586
Conc: 50.70 ng/ml



#14 Endrin

R.T.: 5.555 min
Delta R.T.: -0.011 min
Response: 94331847
Conc: 47.27 ng/ml



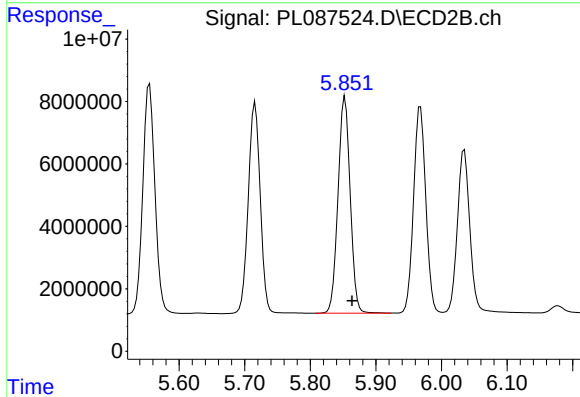
#15 Endosulfan II

R.T.: 6.694 min
Delta R.T.: -0.008 min
Response: 196320417
Conc: 48.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

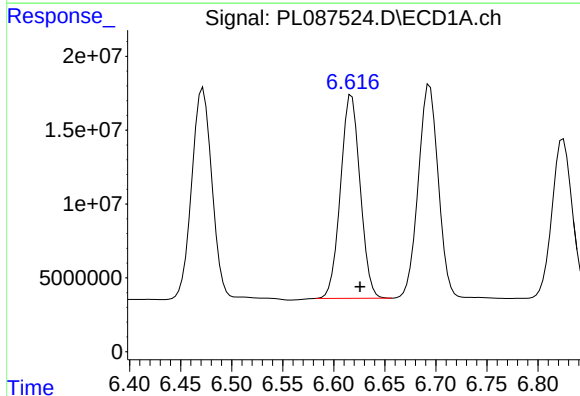
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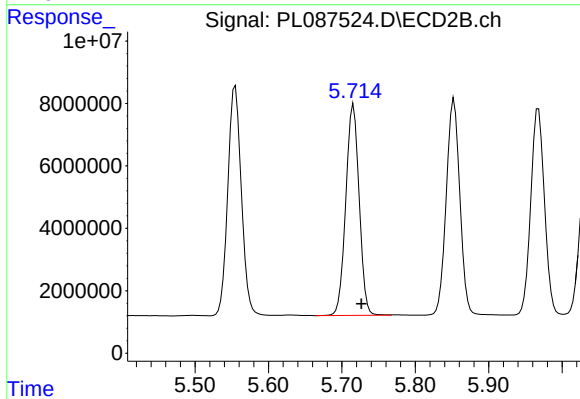
#15 Endosulfan II

R.T.: 5.853 min
Delta R.T.: -0.011 min
Response: 89360745
Conc: 45.90 ng/ml



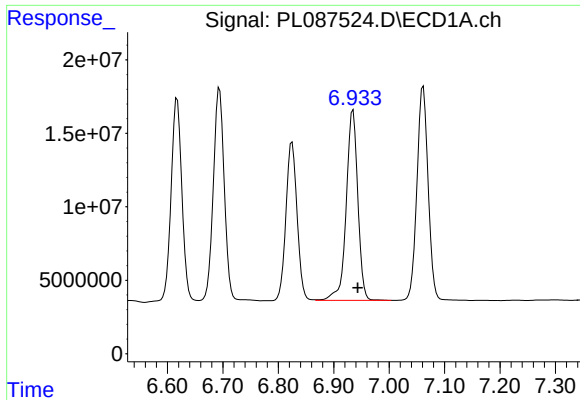
#16 4,4'-DDD

R.T.: 6.617 min
Delta R.T.: -0.008 min
Response: 184370390
Conc: 55.78 ng/ml



#16 4,4'-DDD

R.T.: 5.716 min
Delta R.T.: -0.011 min
Response: 85602484
Conc: 51.70 ng/ml



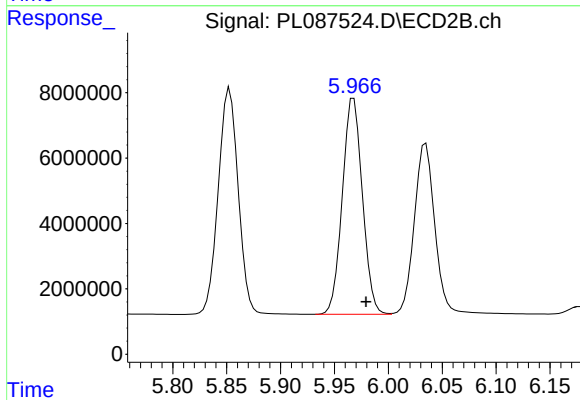
#17 4,4'-DDT

R.T.: 6.935 min
Delta R.T.: -0.009 min
Response: 188741641
Conc: 50.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

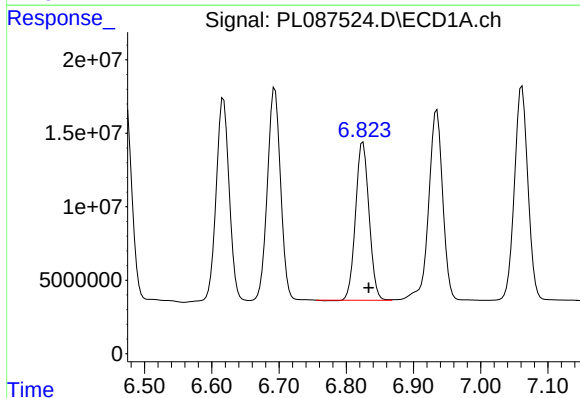
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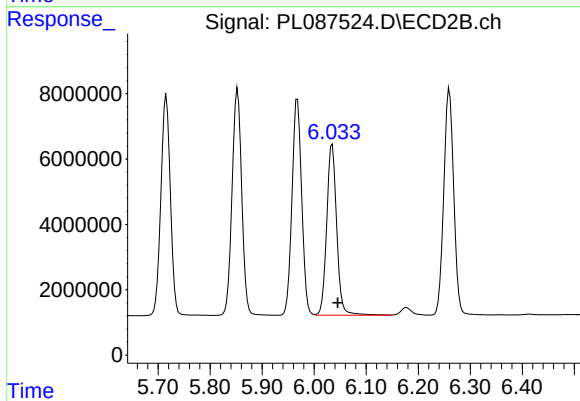
#17 4,4'-DDT

R.T.: 5.968 min
Delta R.T.: -0.012 min
Response: 85785429
Conc: 46.51 ng/ml



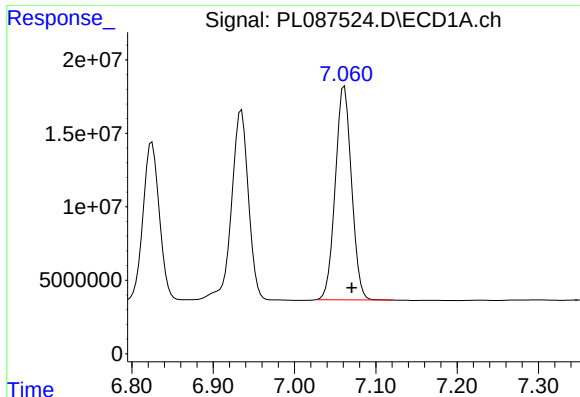
#18 Endrin aldehyde

R.T.: 6.825 min
Delta R.T.: -0.009 min
Response: 149818580
Conc: 51.69 ng/ml



#18 Endrin aldehyde

R.T.: 6.035 min
Delta R.T.: -0.011 min
Response: 69853908
Conc: 47.60 ng/ml



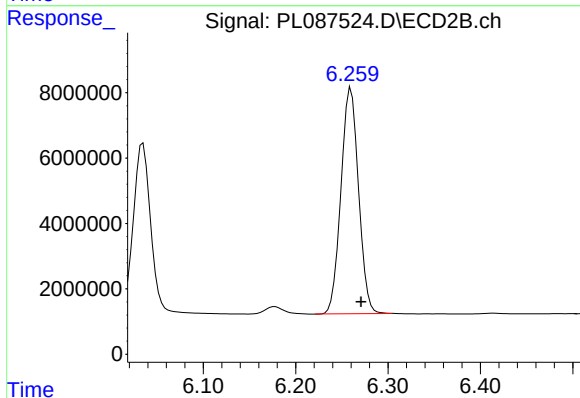
#19 Endosulfan Sulfate

R.T.: 7.061 min
Delta R.T.: -0.009 min
Response: 201941341
Conc: 51.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

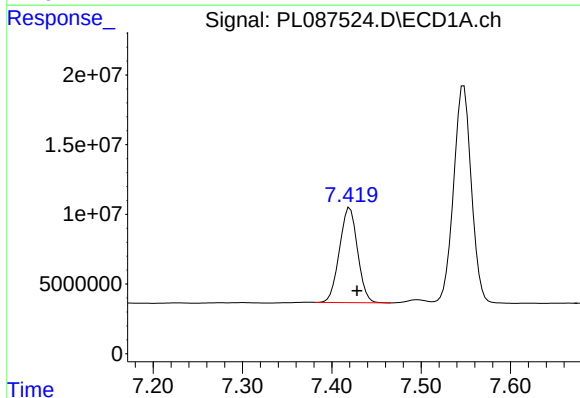
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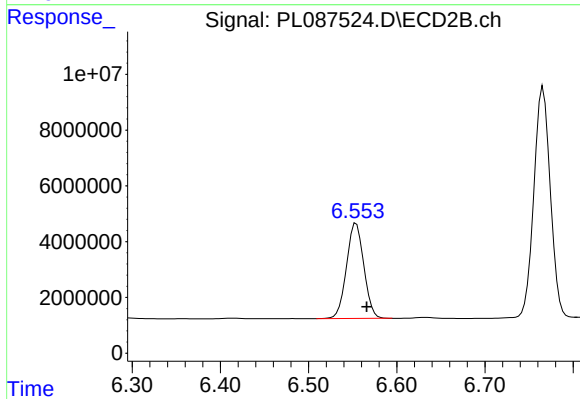
#19 Endosulfan Sulfate

R.T.: 6.259 min
Delta R.T.: -0.012 min
Response: 91475851
Conc: 48.56 ng/ml m



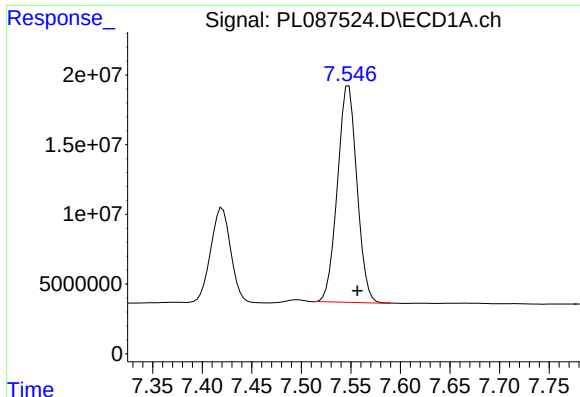
#20 Methoxychlor

R.T.: 7.420 min
Delta R.T.: -0.008 min
Response: 95744454
Conc: 49.10 ng/ml



#20 Methoxychlor

R.T.: 6.553 min
Delta R.T.: -0.013 min
Response: 46621850
Conc: 45.65 ng/ml m



#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: -0.010 min
Response: 213025222
Conc: 52.36 ng/ml

Instrument :

ECD_L

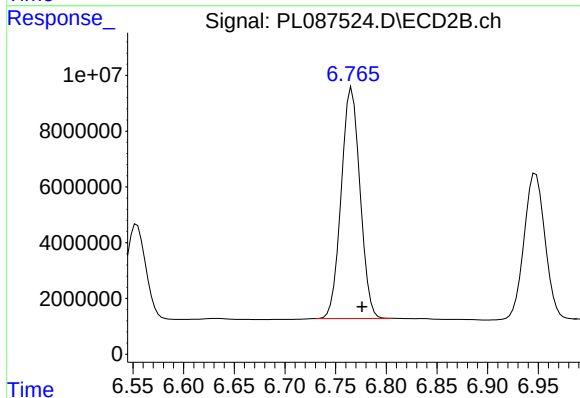
ClientSampleId :

PB158098BS

Manual Integrations

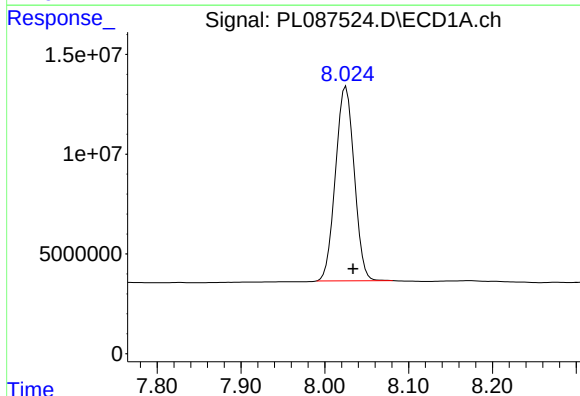
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



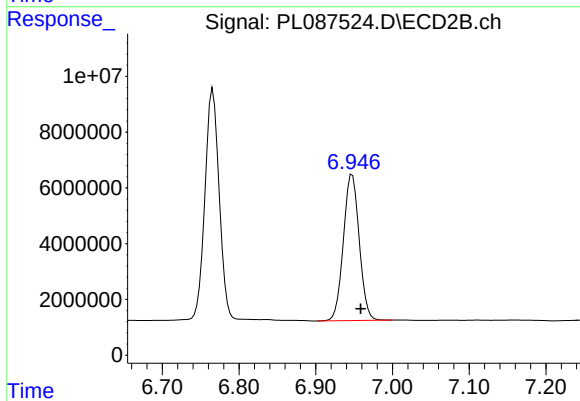
#21 Endrin ketone

R.T.: 6.765 min
Delta R.T.: -0.012 min
Response: 106687883
Conc: 50.12 ng/ml m



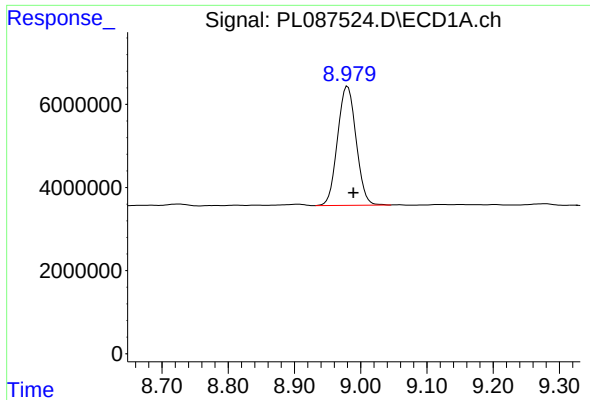
#22 Mirex

R.T.: 8.025 min
Delta R.T.: -0.008 min
Response: 151284271
Conc: 44.92 ng/ml



#22 Mirex

R.T.: 6.947 min
Delta R.T.: -0.011 min
Response: 75555146
Conc: 42.47 ng/ml



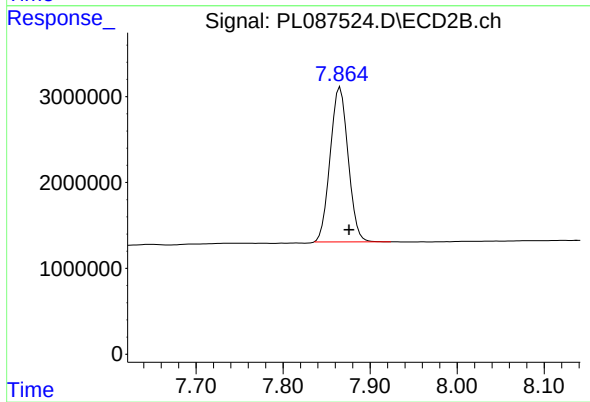
#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: -0.009 min
Response: 55827802
Conc: 16.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB158098BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 12/28/2023
Supervised By :Ankita Jodhani 12/28/2023



#28 Decachlorobiphenyl

R.T.: 7.866 min
Delta R.T.: -0.010 min
Response: 25813968
Conc: 15.28 ng/ml