

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
 Data File : PL094363.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Feb 2025 20:04
 Operator : AR\AJ
 Sample : PB166798BS
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166798BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/22/2025
 Supervised By : Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 22 00:29:27 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 21 14:52:19 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...	3.535	2.771	51302718	65460274	20.205	20.513
28)	SA Decachlor...	9.046	7.902	45022965	73872186	21.165	19.209
Target Compounds							
2)	A alpha-BHC	3.991	3.273	178.7E6	248.2E6	47.229	50.491
3)	MA gamma-BHC...	4.323	3.602	170.8E6	236.4E6	46.237	50.199
4)	MA Heptachlor	4.910	3.940	164.2E6	246.7E6	48.417	52.272
5)	MB Aldrin	5.252	4.219	155.9E6	230.0E6	45.441	49.770
6)	B beta-BHC	4.522	3.902	77114133	104.1E6	48.290	52.347
7)	B delta-BHC	4.768	4.130	164.2E6	233.5E6	46.402	49.307
8)	B Heptachlo...	5.679	4.721	146.6E6	216.1E6	48.648	50.792
9)	A Endosulfan I	6.064	5.090	130.5E6	178.6E6	47.478	44.797
10)	B gamma-Chl...	5.934	4.971	137.7E6	221.4E6	46.883	51.021
11)	B alpha-Chl...	6.013	5.034	138.7E6	216.5E6	47.859	50.145
12)	B 4,4'-DDE	6.187	5.221	128.6E6	216.0E6	49.232	51.422m
13)	MA Dieldrin	6.339	5.355	134.6E6	221.6E6	47.238	50.568
14)	MA Endrin	6.567	5.629	109.4E6	200.7E6	42.881m	58.954m#
15)	B Endosulfa...	6.789	5.925	116.9E6	195.4E6	46.431	52.250
16)	A 4,4'-DDD	6.705	5.778	100.8E6	175.3E6	54.497	55.029
17)	MA 4,4'-DDT	7.018	6.028	107.1E6	184.4E6	51.006	51.844
18)	B Endrin al...	6.919	6.104	91469027	153.5E6	46.984	48.571
19)	B Endosulfa...	7.153	6.327	107.1E6	185.6E6	47.311	50.246
20)	A Methoxychlor	7.493	6.603	58778481	100.7E6	52.904m	51.594
21)	B Endrin ke...	7.638	6.830	122.0E6	248.1E6	48.670	58.129m
22)	Mirex	8.110	7.011	91047298	158.0E6	44.127	45.297

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022125\
Data File : PL094363.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 21 Feb 2025 20:04
Operator : AR\AJ
Sample : PB166798BS
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PB166798BS

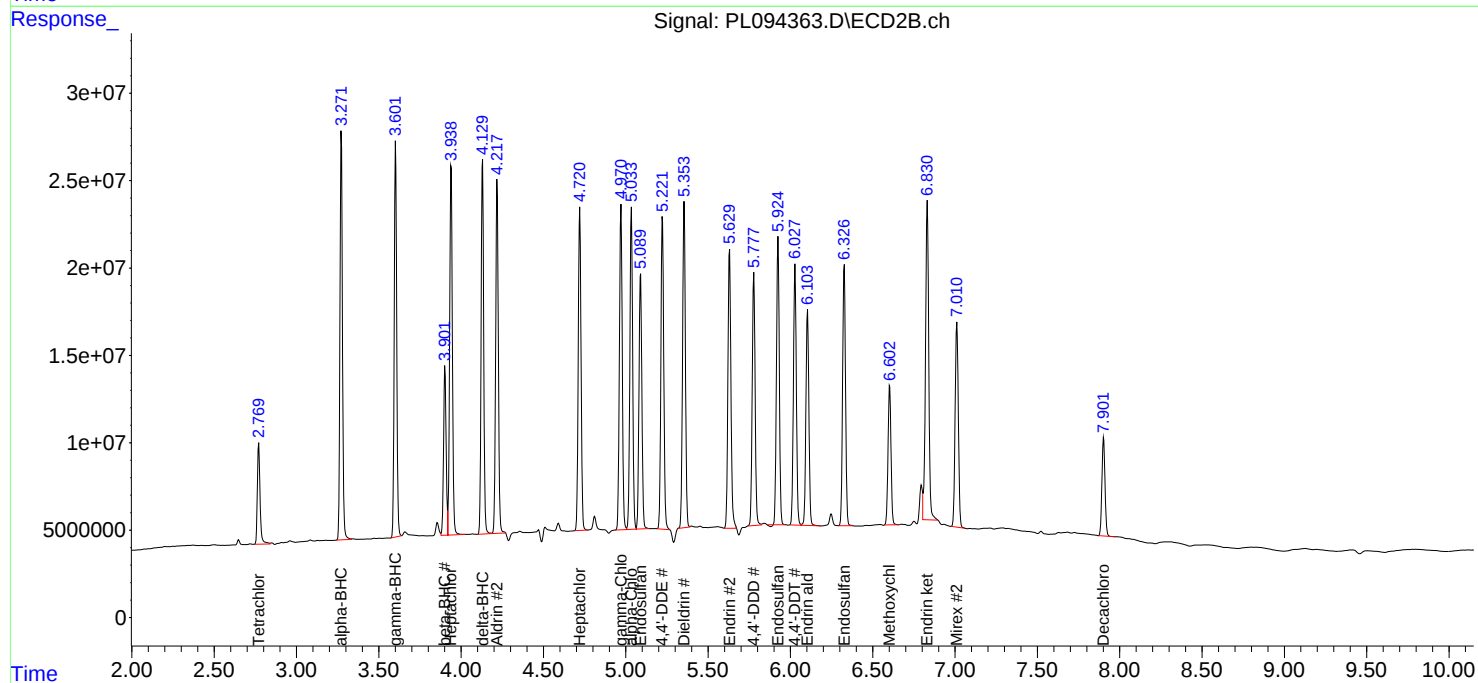
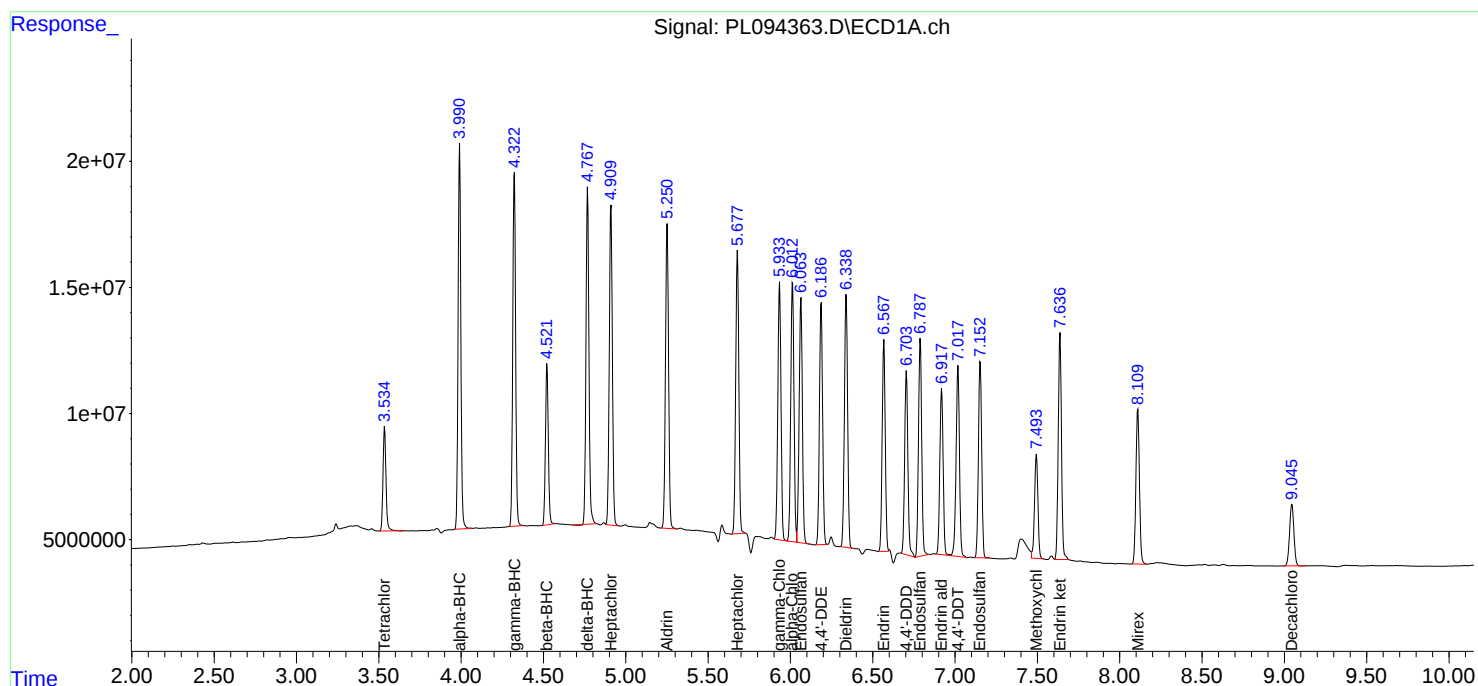
Manual Integrations

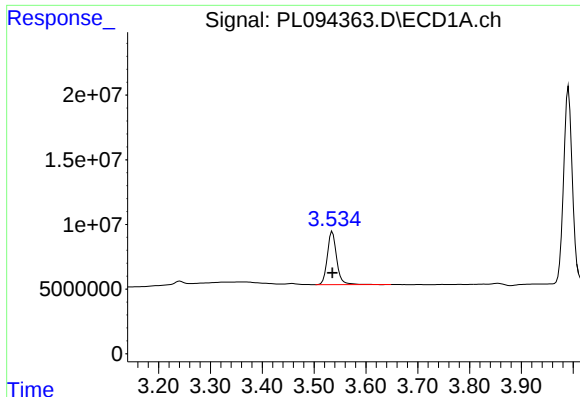
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Supervised By :Ankita Jodhani 02/24/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 22 00:29:27 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL022125.M
Quant Title : GC Extractables
QLast Update : Fri Feb 21 14:52:19 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





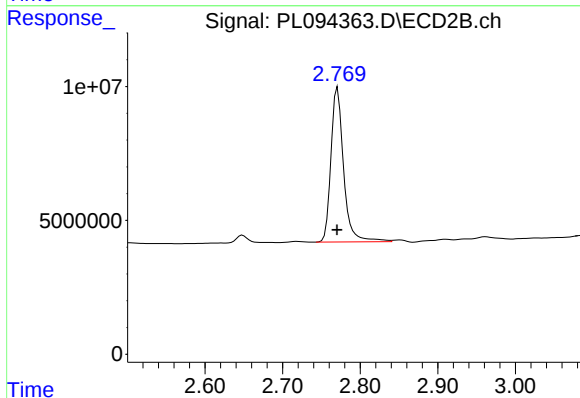
#1 Tetrachloro-m-xylene

R.T.: 3.535 min
Delta R.T.: 0.000 min
Response: 51302718
Conc: 20.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

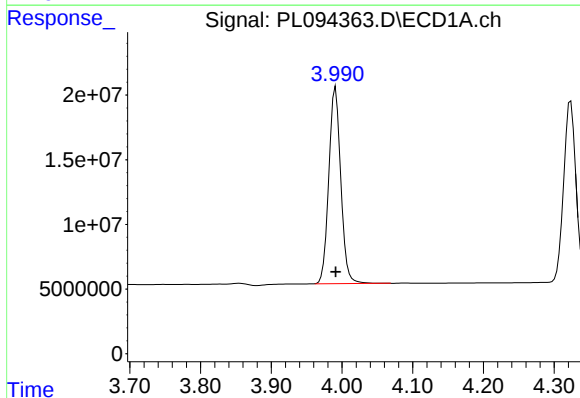
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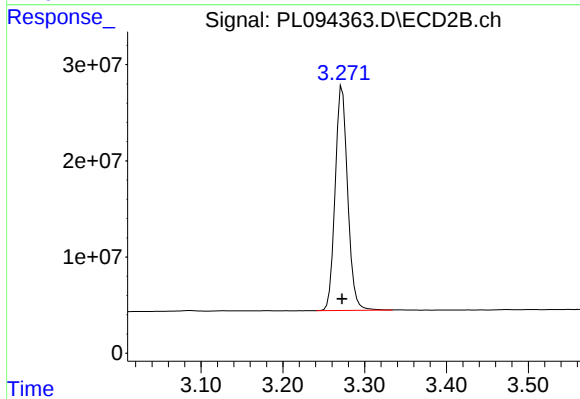
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.000 min
Response: 65460274
Conc: 20.51 ng/ml



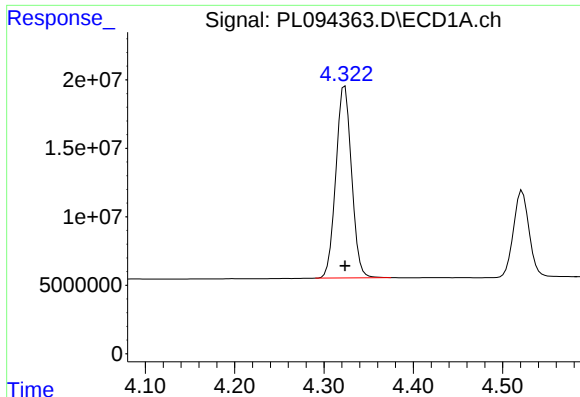
#2 alpha-BHC

R.T.: 3.991 min
Delta R.T.: 0.000 min
Response: 178652604
Conc: 47.23 ng/ml



#2 alpha-BHC

R.T.: 3.273 min
Delta R.T.: 0.000 min
Response: 248153926
Conc: 50.49 ng/ml



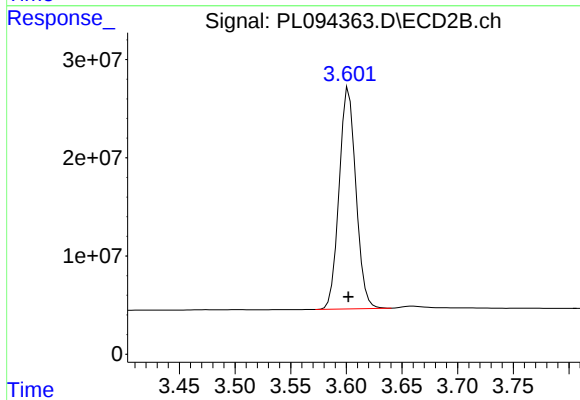
#3 gamma-BHC (Lindane)

R.T.: 4.323 min
Delta R.T.: 0.000 min
Response: 170833286
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

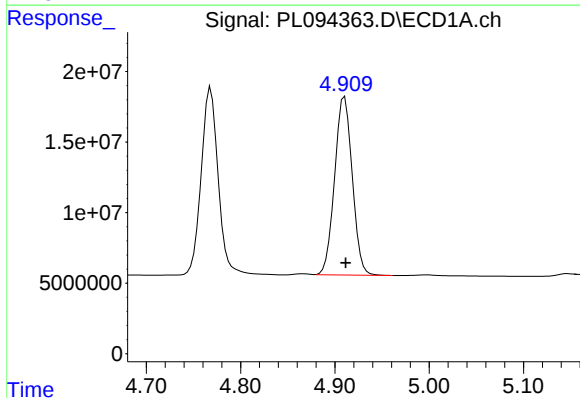
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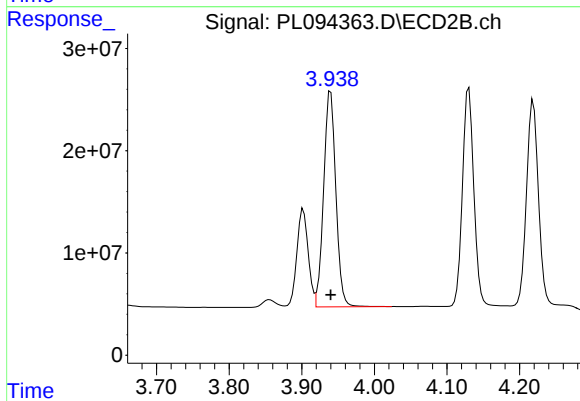
#3 gamma-BHC (Lindane)

R.T.: 3.602 min
Delta R.T.: 0.000 min
Response: 236432221
Conc: 50.20 ng/ml



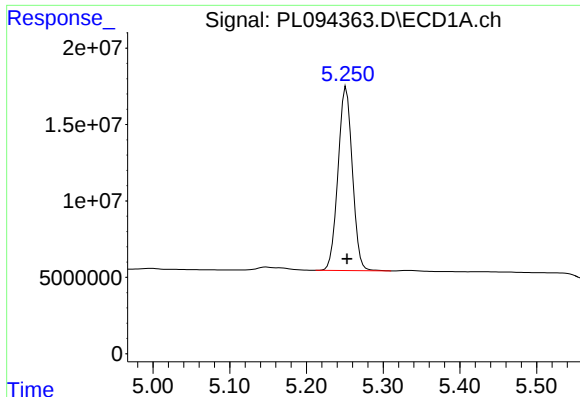
#4 Heptachlor

R.T.: 4.910 min
Delta R.T.: -0.001 min
Response: 164150857
Conc: 48.42 ng/ml



#4 Heptachlor

R.T.: 3.940 min
Delta R.T.: 0.000 min
Response: 246739224
Conc: 52.27 ng/ml



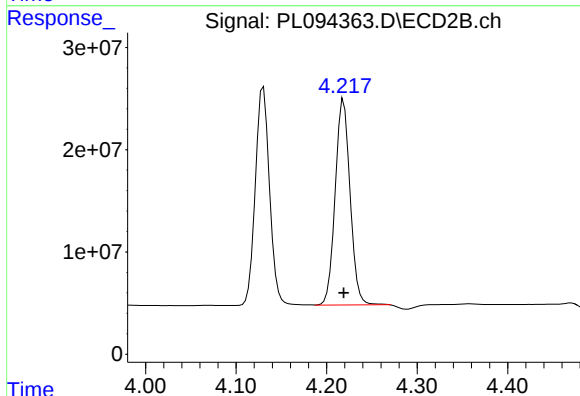
#5 Aldrin

R.T.: 5.252 min
Delta R.T.: -0.001 min
Response: 155942099
Conc: 45.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

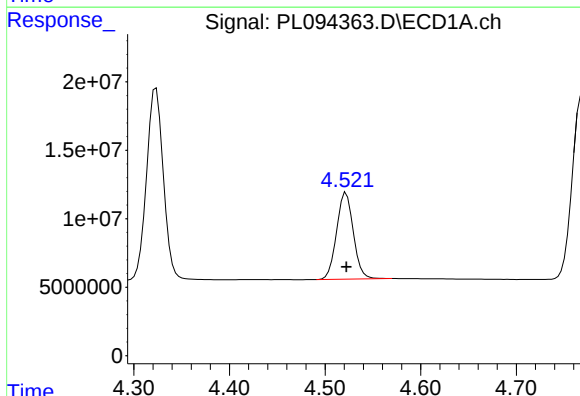
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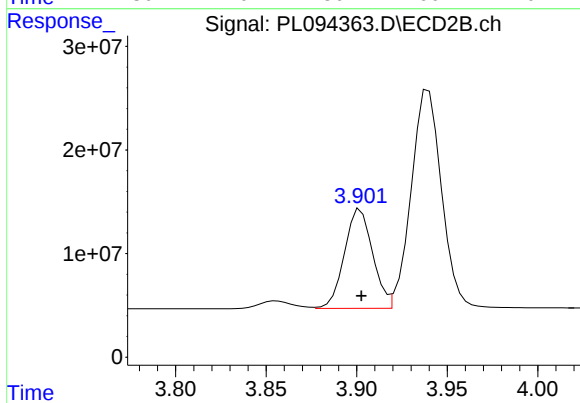
#5 Aldrin

R.T.: 4.219 min
Delta R.T.: 0.000 min
Response: 229954438
Conc: 49.77 ng/ml



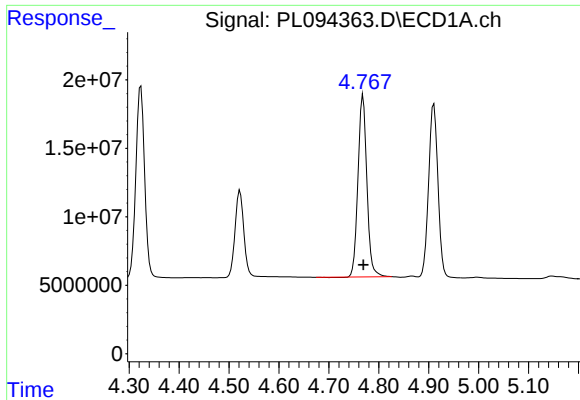
#6 beta-BHC

R.T.: 4.522 min
Delta R.T.: 0.000 min
Response: 77114133
Conc: 48.29 ng/ml



#6 beta-BHC

R.T.: 3.902 min
Delta R.T.: 0.000 min
Response: 104113391
Conc: 52.35 ng/ml



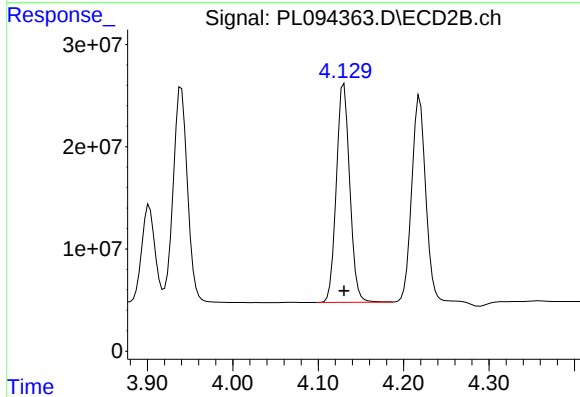
#7 delta-BHC

R.T.: 4.768 min
Delta R.T.: 0.000 min
Response: 164183862
Conc: 46.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

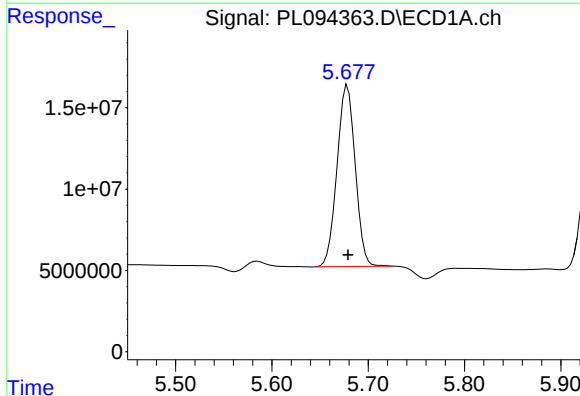
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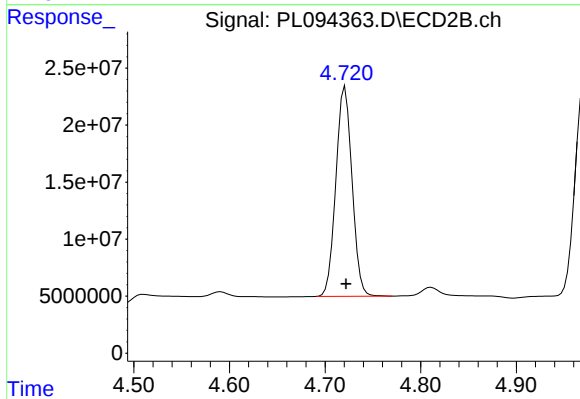
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 233502402
Conc: 49.31 ng/ml



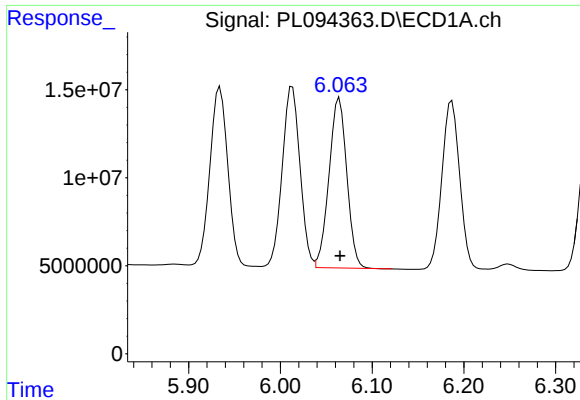
#8 Heptachlor epoxide

R.T.: 5.679 min
Delta R.T.: 0.000 min
Response: 146596549
Conc: 48.65 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: 0.000 min
Response: 216137730
Conc: 50.79 ng/ml



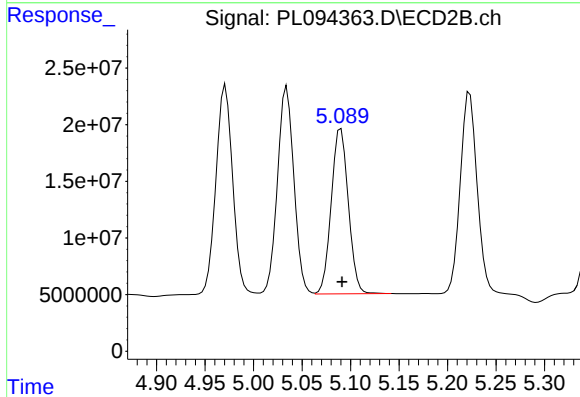
#9 Endosulfan I

R.T.: 6.064 min
Delta R.T.: 0.000 min
Response: 130500204
Conc: 47.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

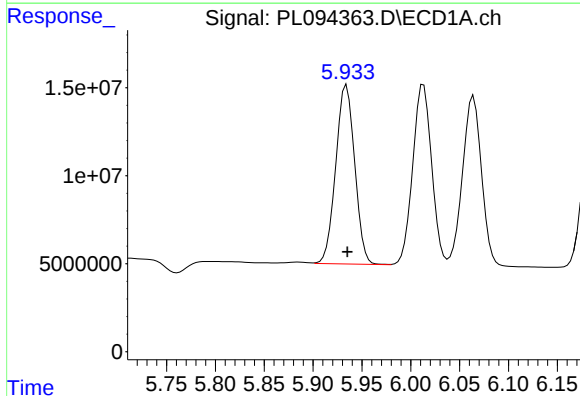
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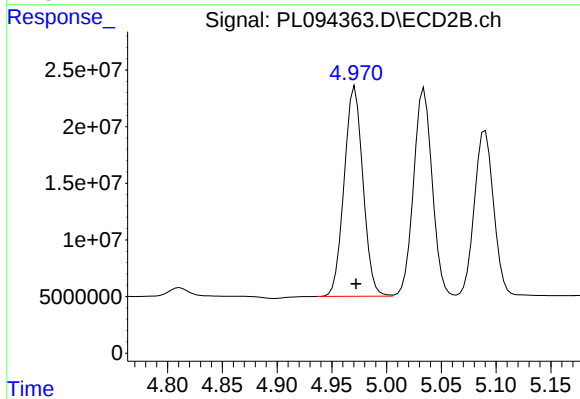
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.001 min
Response: 178587258
Conc: 44.80 ng/ml



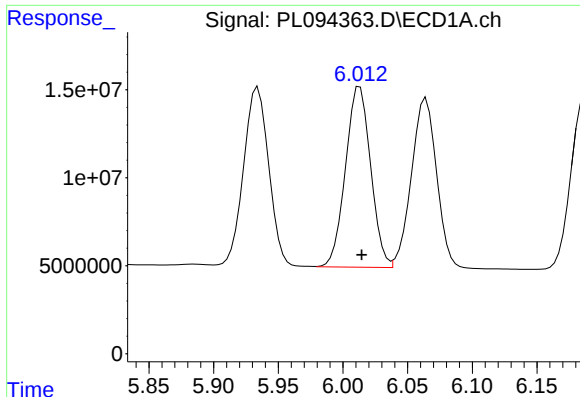
#10 gamma-Chlordane

R.T.: 5.934 min
Delta R.T.: 0.000 min
Response: 137653951
Conc: 46.88 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 221369561
Conc: 51.02 ng/ml



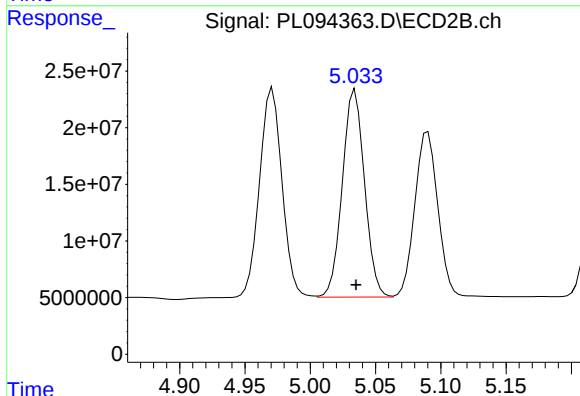
#11 alpha-Chlordane

R.T.: 6.013 min
Delta R.T.: -0.001 min
Response: 138650928
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

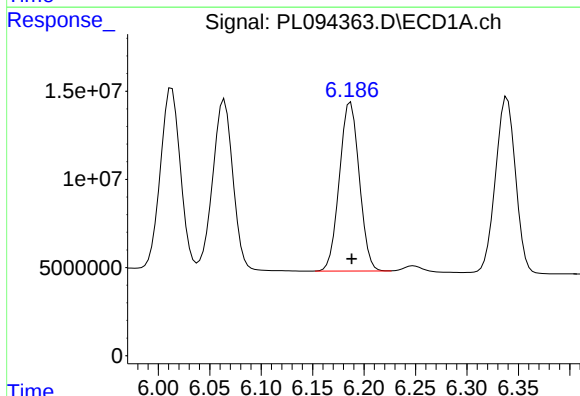
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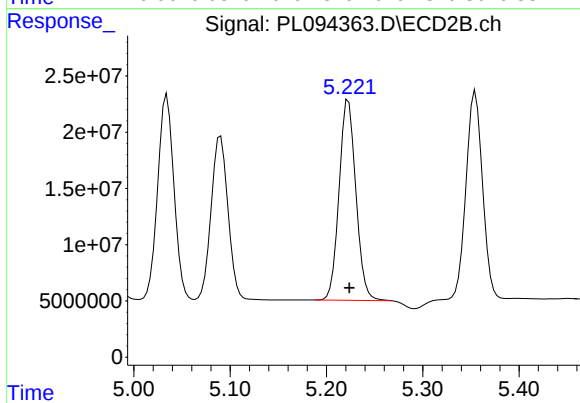
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: 0.000 min
Response: 216505553
Conc: 50.14 ng/ml



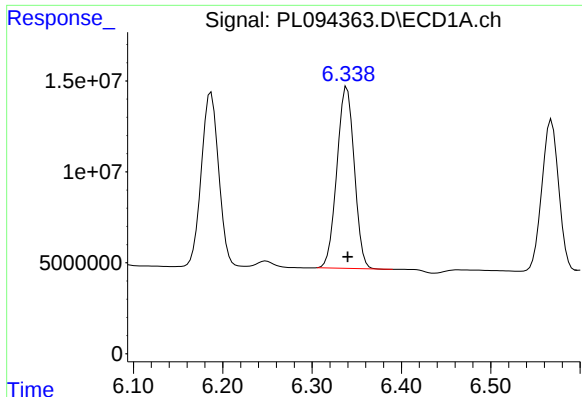
#12 4,4'-DDE

R.T.: 6.187 min
Delta R.T.: -0.001 min
Response: 128579621
Conc: 49.23 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.002 min
Response: 215972232
Conc: 51.42 ng/ml m



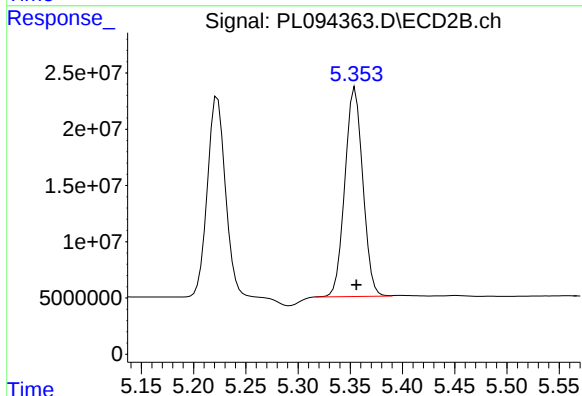
#13 Dieldrin

R.T.: 6.339 min
Delta R.T.: 0.000 min
Response: 134582224
Conc: 47.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

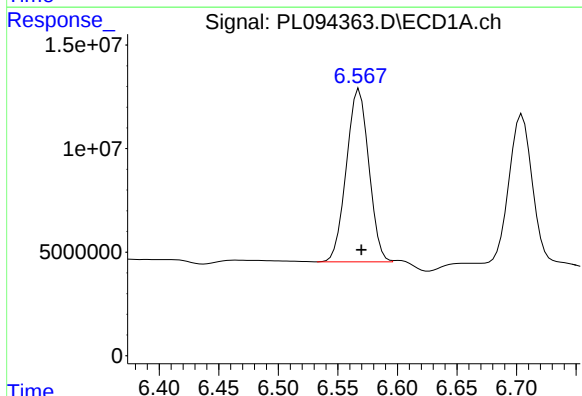
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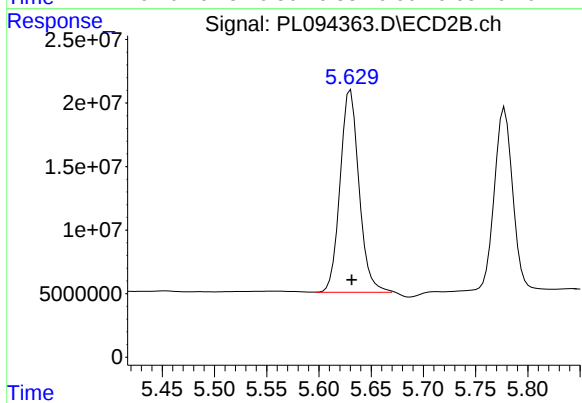
#13 Dieldrin

R.T.: 5.355 min
Delta R.T.: -0.001 min
Response: 221577676
Conc: 50.57 ng/ml



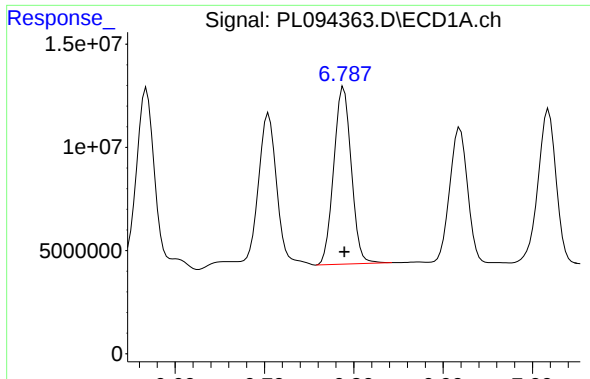
#14 Endrin

R.T.: 6.567 min
Delta R.T.: -0.003 min
Response: 109444744
Conc: 42.88 ng/ml m



#14 Endrin

R.T.: 5.629 min
Delta R.T.: -0.002 min
Response: 200720099
Conc: 58.95 ng/ml m



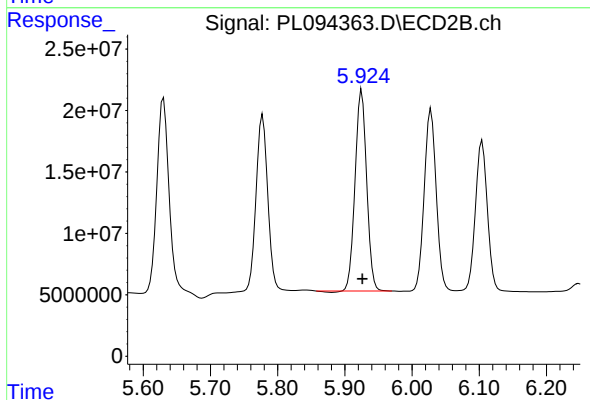
#15 Endosulfan II

R.T.: 6.789 min
Delta R.T.: 0.000 min
Response: 116876955
Conc: 46.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

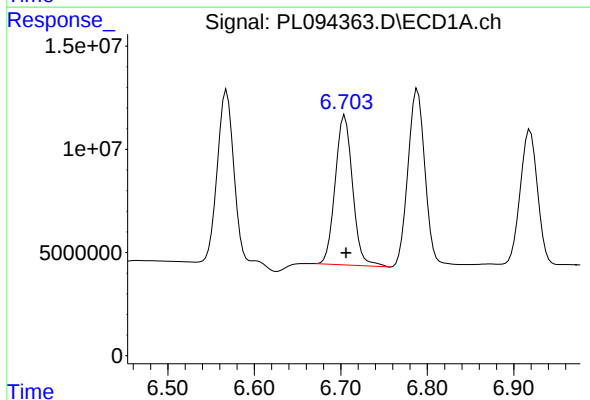
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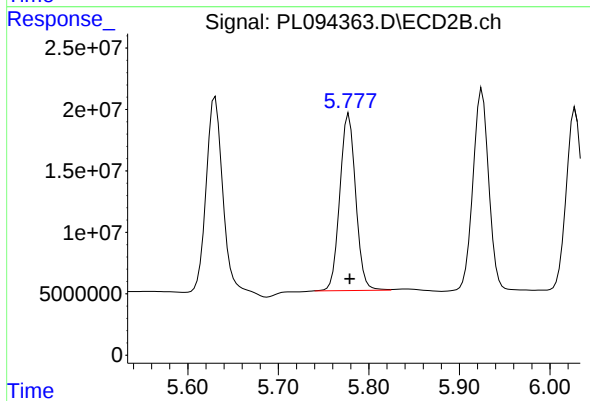
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.001 min
Response: 195388777
Conc: 52.25 ng/ml



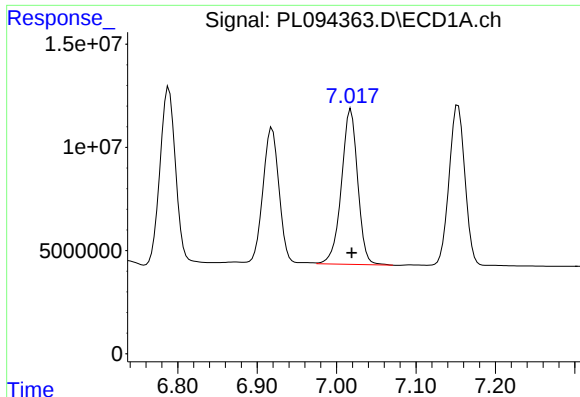
#16 4,4'-DDD

R.T.: 6.705 min
Delta R.T.: -0.001 min
Response: 100805516
Conc: 54.50 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: 0.000 min
Response: 175284383
Conc: 55.03 ng/ml



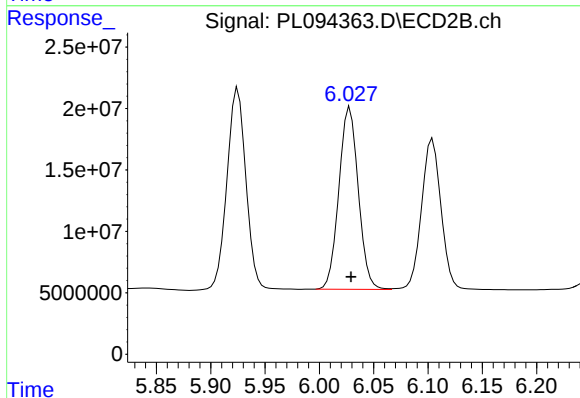
#17 4,4'-DDT

R.T.: 7.018 min
Delta R.T.: 0.000 min
Response: 107114847
Conc: 51.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

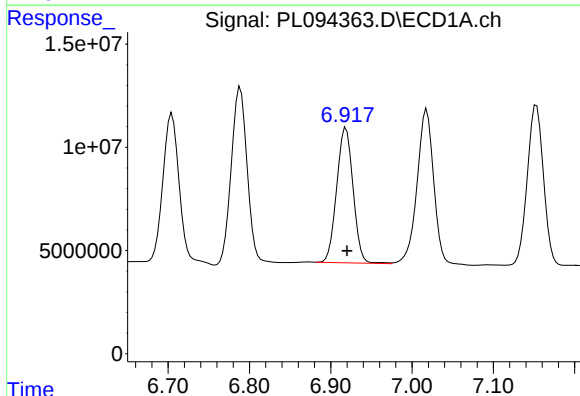
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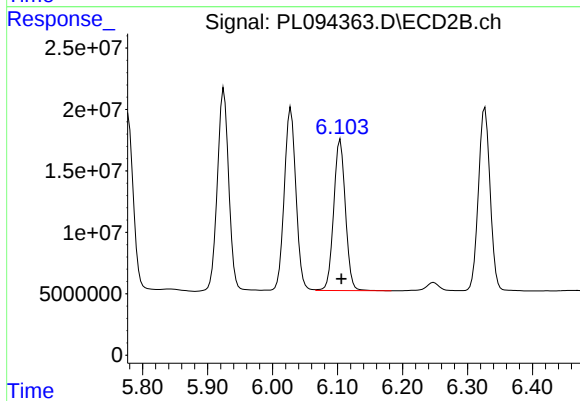
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.001 min
Response: 184410760
Conc: 51.84 ng/ml



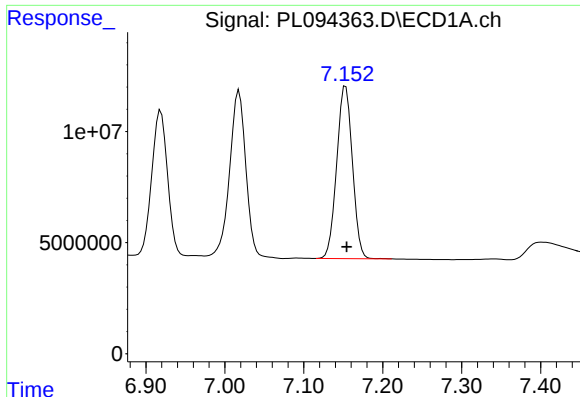
#18 Endrin aldehyde

R.T.: 6.919 min
Delta R.T.: -0.001 min
Response: 91469027
Conc: 46.98 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.001 min
Response: 153504577
Conc: 48.57 ng/ml



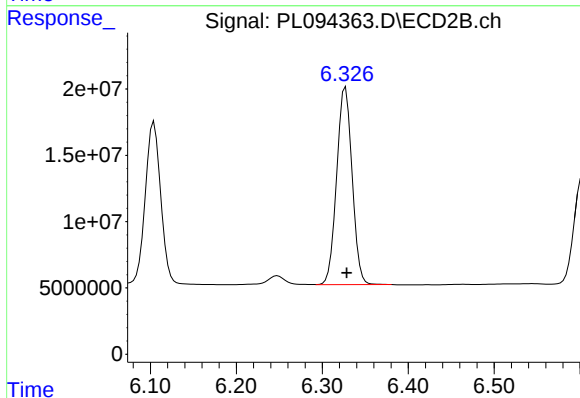
#19 Endosulfan Sulfate

R.T.: 7.153 min
Delta R.T.: -0.001 min
Response: 107104402
Conc: 47.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

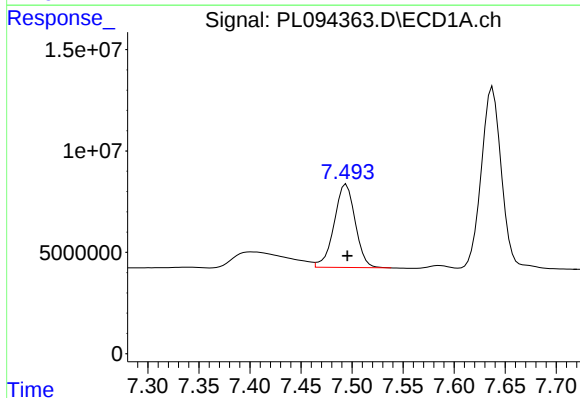
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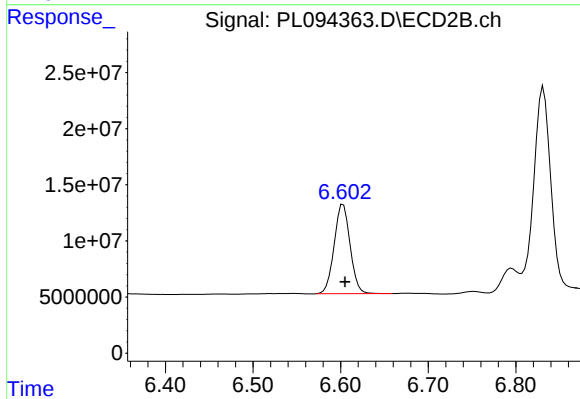
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.001 min
Response: 185592159
Conc: 50.25 ng/ml



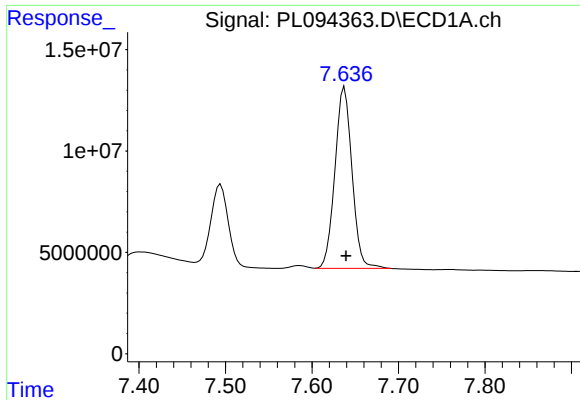
#20 Methoxychlor

R.T.: 7.493 min
Delta R.T.: -0.003 min
Response: 58778481
Conc: 52.90 ng/ml m



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.002 min
Response: 100661260
Conc: 51.59 ng/ml



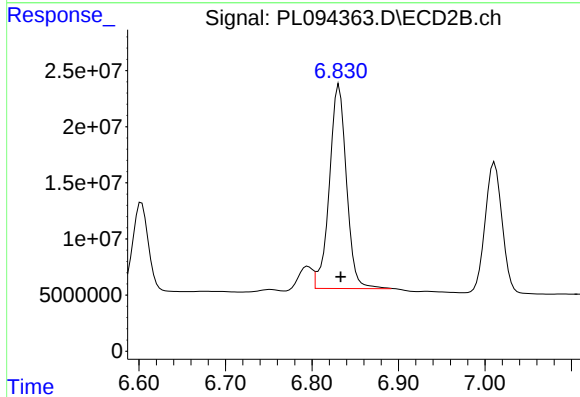
#21 Endrin ketone

R.T.: 7.638 min
Delta R.T.: -0.002 min
Response: 122011755
Conc: 48.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166798BS

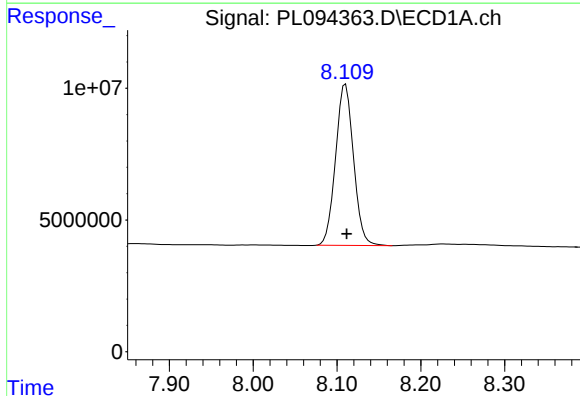
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/22/2025
Supervised By :Ankita Jodhani 02/24/2025



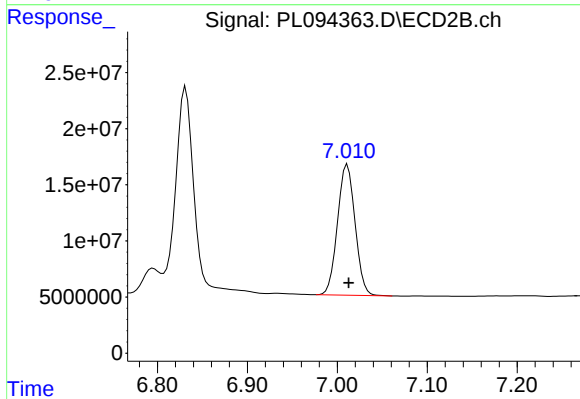
#21 Endrin ketone

R.T.: 6.830 min
Delta R.T.: -0.003 min
Response: 248066534
Conc: 58.13 ng/ml m



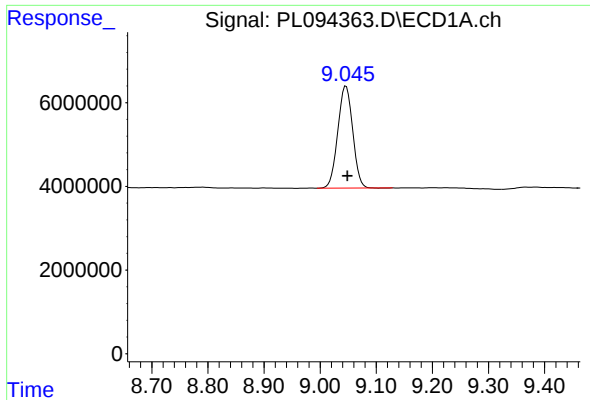
#22 Mirex

R.T.: 8.110 min
Delta R.T.: -0.001 min
Response: 91047298
Conc: 44.13 ng/ml



#22 Mirex

R.T.: 7.011 min
Delta R.T.: -0.001 min
Response: 157953104
Conc: 45.30 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.046 min
Delta R.T.: -0.003 min
Response: 45022965
Conc: 21.16 ng/ml

Instrument :

ECD_L

ClientSampleId :

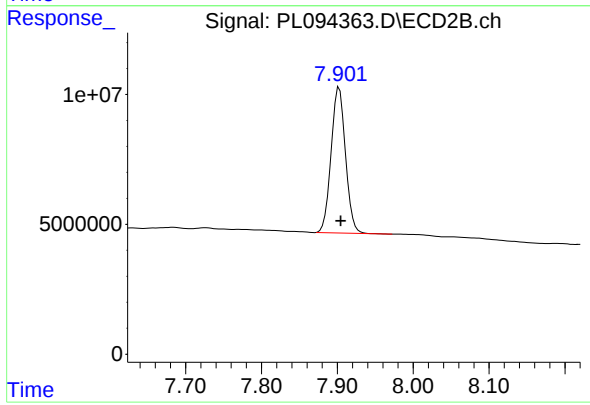
PB166798BS

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#28 Decachlorobiphenyl

R.T.: 7.902 min
Delta R.T.: -0.002 min
Response: 73872186
Conc: 19.21 ng/ml