

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
 Data File : PL094376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Feb 2025 15:30
 Operator : AR\AJ
 Sample : PB166839BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB166839BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/25/2025
 Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 25 02:30:07 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...	3.538	2.771	52385355	63323995	20.631	19.843
28)	SA Decachlor...	9.053	7.906	46257062	76033888	21.745	19.771
Target Compounds							
2)	A alpha-BHC	3.994	3.274	180.3E6	242.9E6	47.674	49.421
3)	MA gamma-BHC...	4.326	3.603	173.6E6	233.2E6	46.999	49.503
4)	MA Heptachlor	4.914	3.941	167.8E6	238.8E6	49.495	50.592
5)	MB Aldrin	5.255	4.221	161.4E6	226.4E6	47.039	49.003
6)	B beta-BHC	4.525	3.904	78881102	102.5E6	49.396	51.536
7)	B delta-BHC	4.770	4.132	168.9E6	229.7E6	47.725m	48.494
8)	B Heptachlo...	5.682	4.724	147.5E6	216.2E6	48.950	50.803
9)	A Endosulfan I	6.068	5.093	133.4E6	204.5E6	48.539	51.305
10)	B gamma-Chl...	5.938	4.973	143.9E6	226.3E6	48.999	52.153
11)	B alpha-Chl...	6.017	5.037	143.0E6	222.5E6	49.373	51.533
12)	B 4,4'-DDE	6.192	5.226	133.3E6	222.4E6	51.043	52.955
13)	MA Dieldrin	6.343	5.357	139.6E6	228.3E6	49.008	52.095
14)	MA Endrin	6.572	5.632	113.1E6	196.6E6	44.309m	57.757 #
15)	B Endosulfa...	6.793	5.928	120.8E6	204.7E6	47.980	54.751
16)	A 4,4'-DDD	6.709	5.780	101.9E6	182.8E6	55.071	57.400
17)	MA 4,4'-DDT	7.023	6.031	108.9E6	190.1E6	51.854	53.436
18)	B Endrin al...	6.923	6.107	94552341	159.9E6	48.568	50.587
19)	B Endosulfa...	7.158	6.330	110.4E6	194.4E6	48.747	52.618
20)	A Methoxychlor	7.499	6.606	55477096	97439773	49.932	49.943
21)	B Endrin ke...	7.643	6.835	123.8E6	229.3E6	49.369	53.720
22)	Mirex	8.116	7.015	93500098	170.4E6	45.316	48.879

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022425\
Data File : PL094376.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 24 Feb 2025 15:30
Operator : AR\AJ
Sample : PB166839BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

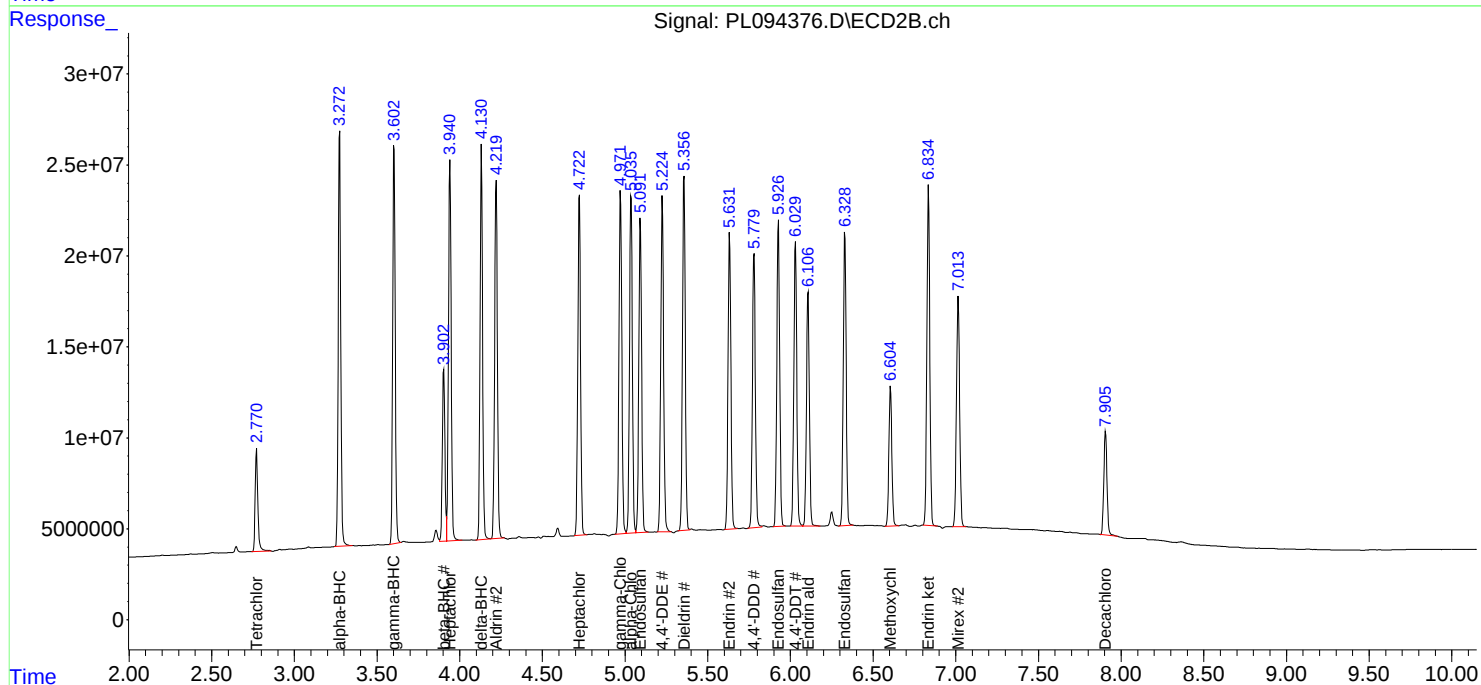
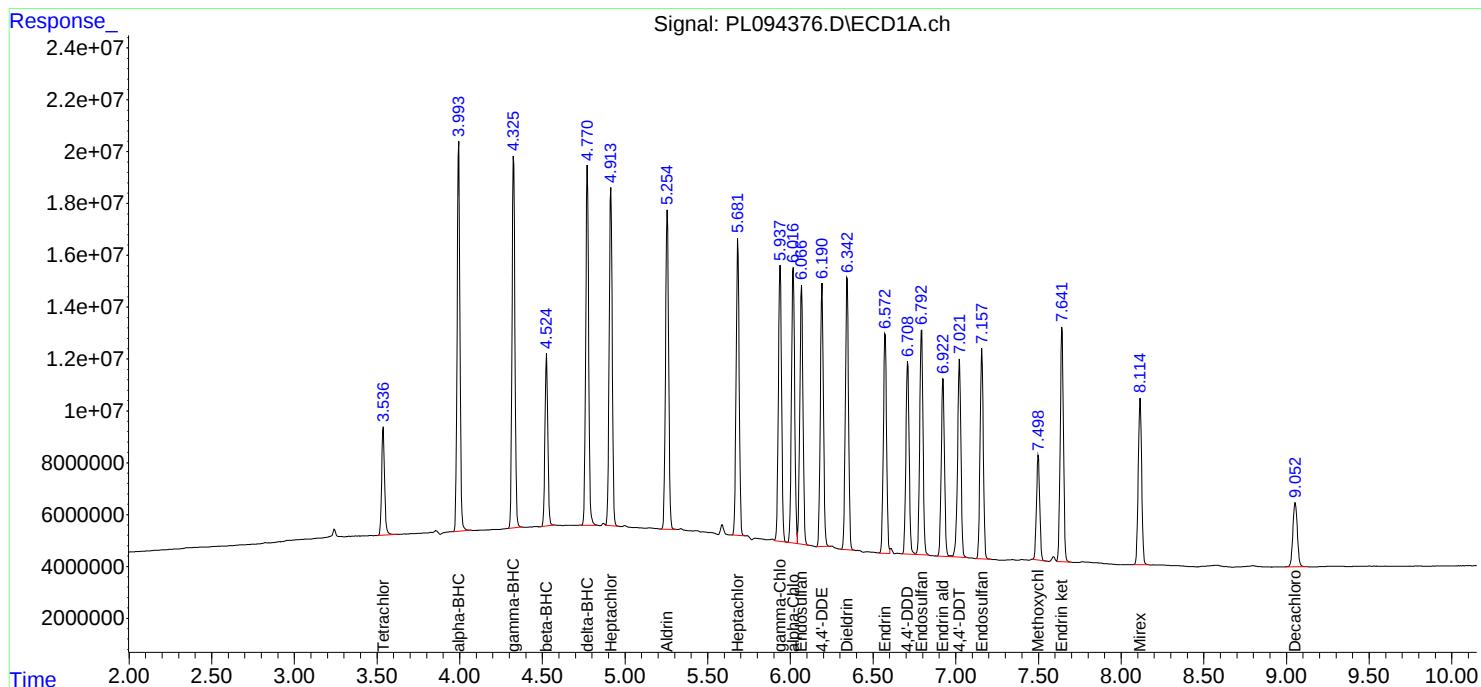
Instrument :
ECD_L
ClientSampleId :
PB166839BS

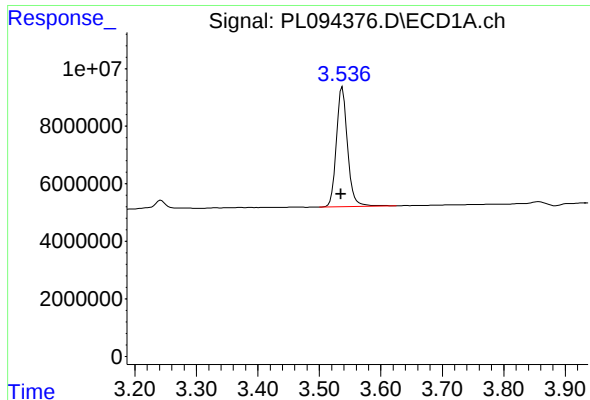
Manual Integrations
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Supervised By :Ankita Jodhani 02/25/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 25 02:30:07 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





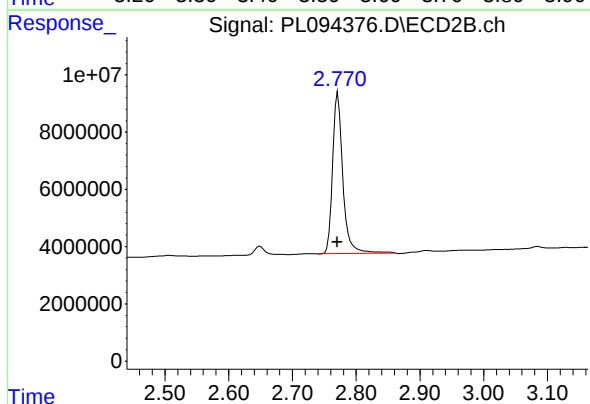
#1 Tetrachloro-m-xylene

R.T.: 3.538 min
Delta R.T.: 0.003 min
Response: 52385355
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

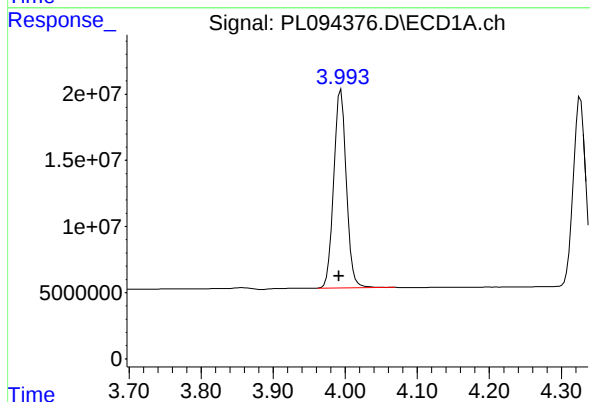
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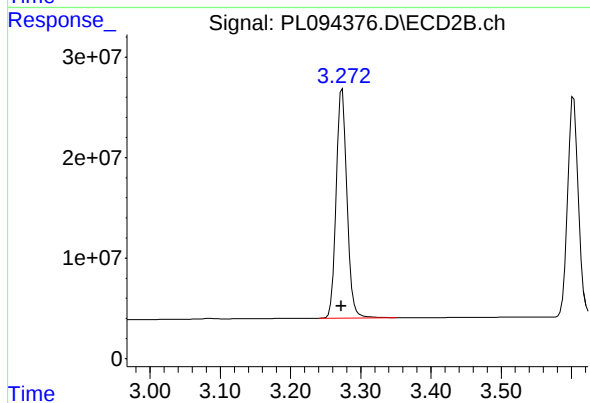
#1 Tetrachloro-m-xylene

R.T.: 2.771 min
Delta R.T.: 0.001 min
Response: 63323995
Conc: 19.84 ng/ml



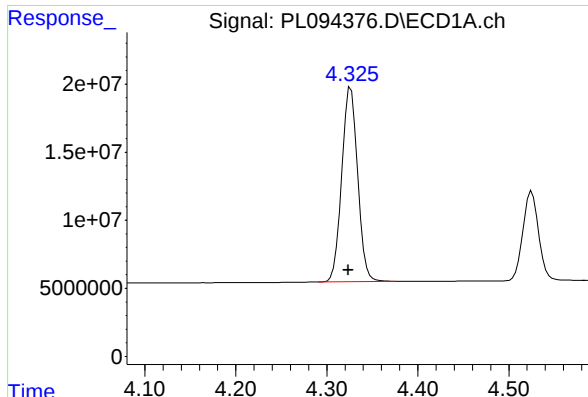
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.003 min
Response: 180333868
Conc: 47.67 ng/ml



#2 alpha-BHC

R.T.: 3.274 min
Delta R.T.: 0.001 min
Response: 242891942
Conc: 49.42 ng/ml



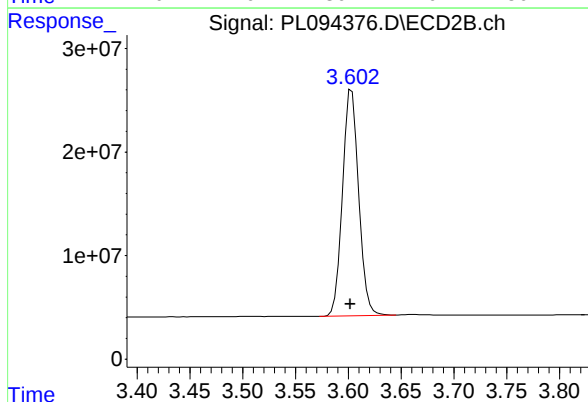
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.003 min
Response: 173649541
Conc: 47.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

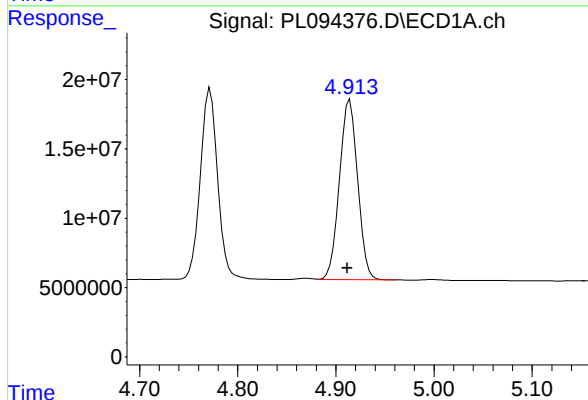
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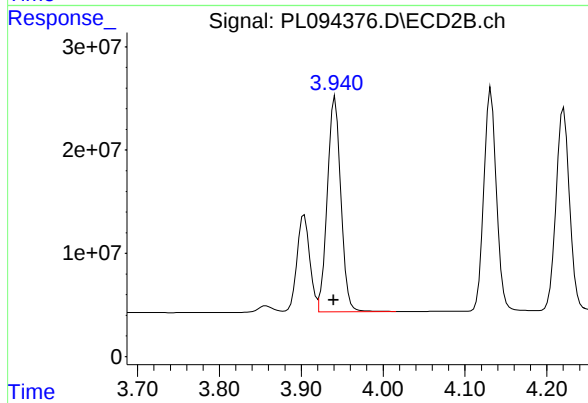
#3 gamma-BHC (Lindane)

R.T.: 3.603 min
Delta R.T.: 0.001 min
Response: 233157629
Conc: 49.50 ng/ml



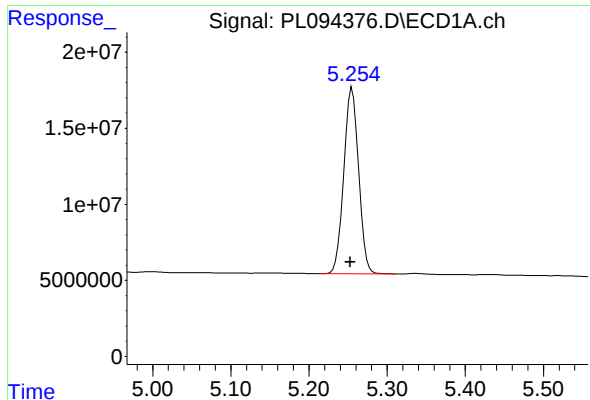
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.003 min
Response: 167804146
Conc: 49.49 ng/ml



#4 Heptachlor

R.T.: 3.941 min
Delta R.T.: 0.002 min
Response: 238810359
Conc: 50.59 ng/ml



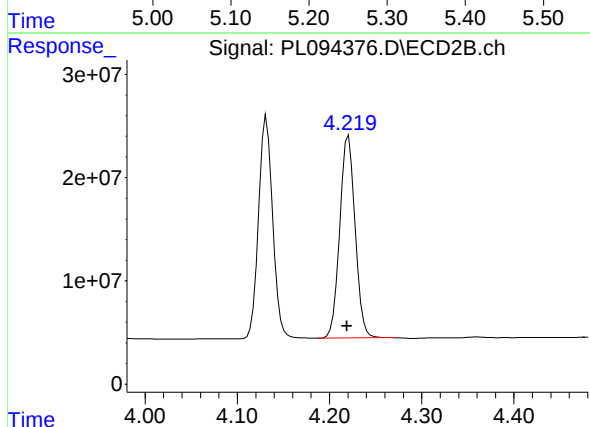
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.002 min
Response: 161427452
Conc: 47.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

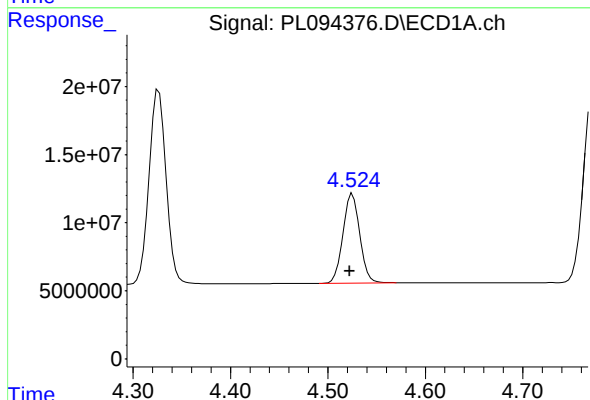
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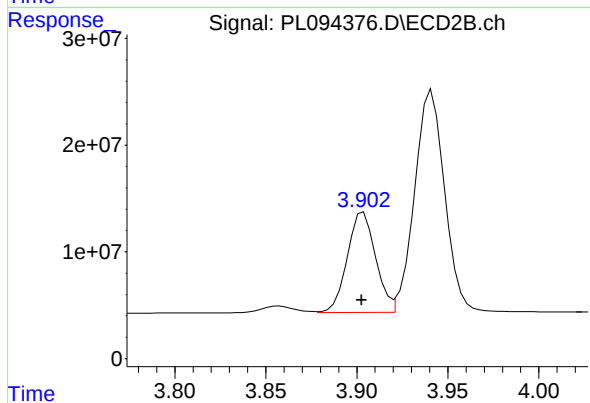
#5 Aldrin

R.T.: 4.221 min
Delta R.T.: 0.002 min
Response: 226414268
Conc: 49.00 ng/ml



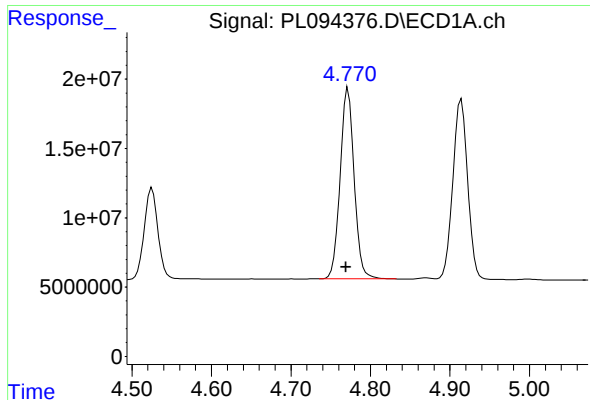
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.003 min
Response: 78881102
Conc: 49.40 ng/ml



#6 beta-BHC

R.T.: 3.904 min
Delta R.T.: 0.001 min
Response: 102501962
Conc: 51.54 ng/ml



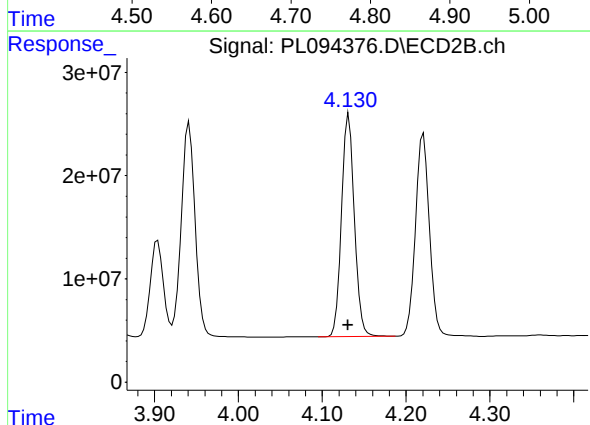
#7 delta-BHC

R.T.: 4.770 min
Delta R.T.: 0.001 min
Response: 168862451
Conc: 47.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

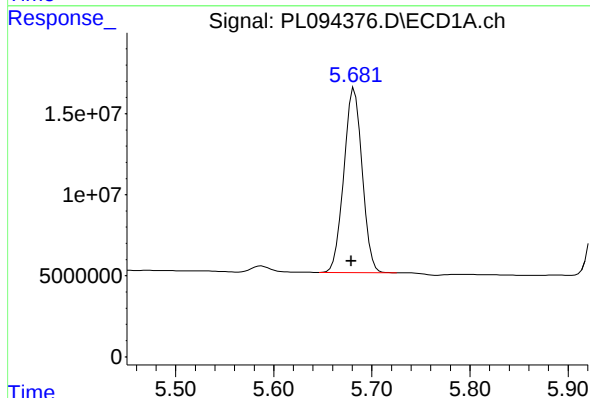
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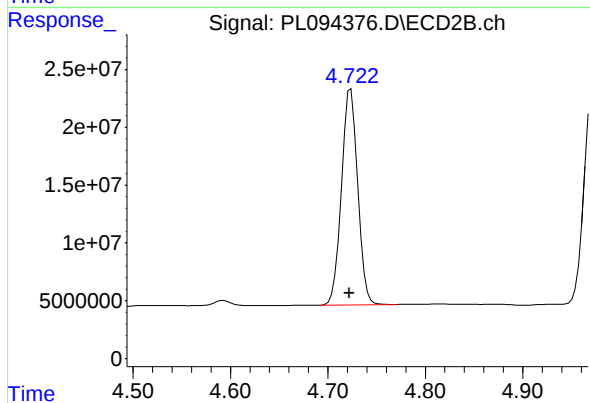
#7 delta-BHC

R.T.: 4.132 min
Delta R.T.: 0.001 min
Response: 229654960
Conc: 48.49 ng/ml



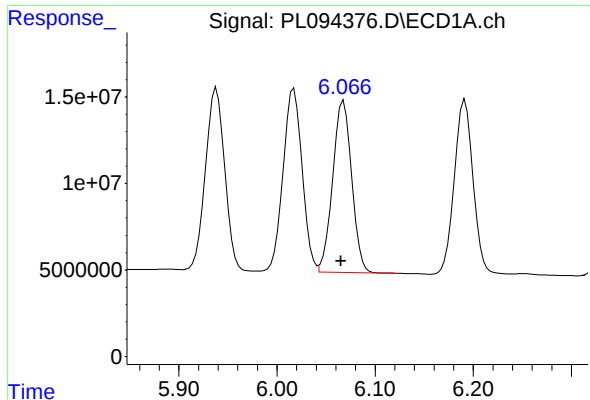
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: 0.003 min
Response: 147506495
Conc: 48.95 ng/ml



#8 Heptachlor epoxide

R.T.: 4.724 min
Delta R.T.: 0.002 min
Response: 216185013
Conc: 50.80 ng/ml



#9 Endosulfan I

R.T.: 6.068 min
Delta R.T.: 0.003 min
Response: 133414513
Conc: 48.54 ng/ml

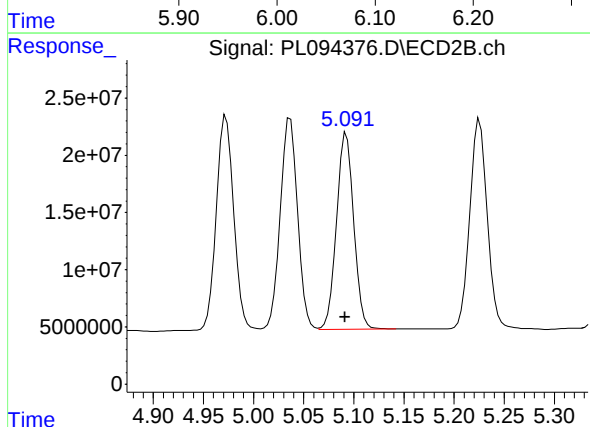
Instrument :

ECD_L

ClientSampleId :
PB166839BS

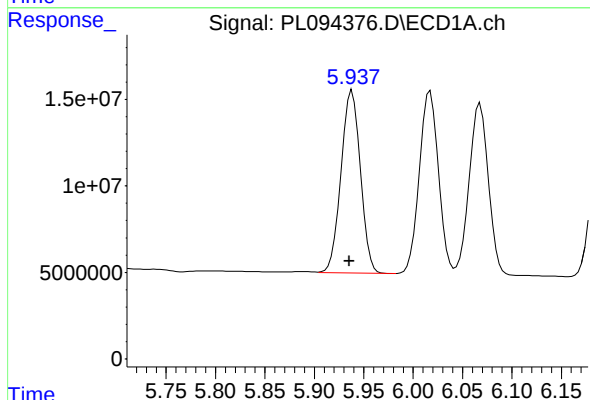
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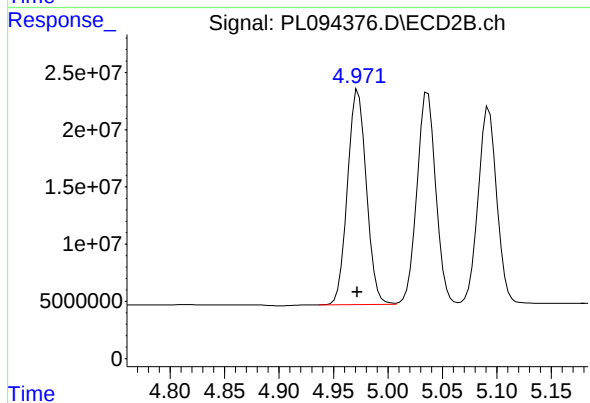
#9 Endosulfan I

R.T.: 5.093 min
Delta R.T.: 0.001 min
Response: 204530374
Conc: 51.30 ng/ml



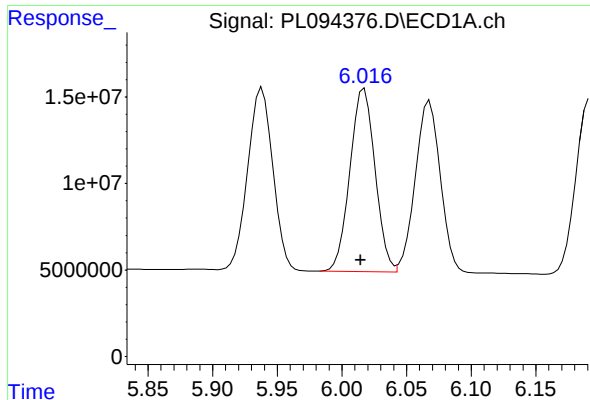
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: 0.003 min
Response: 143868550
Conc: 49.00 ng/ml



#10 gamma-Chlordane

R.T.: 4.973 min
Delta R.T.: 0.000 min
Response: 226284497
Conc: 52.15 ng/ml



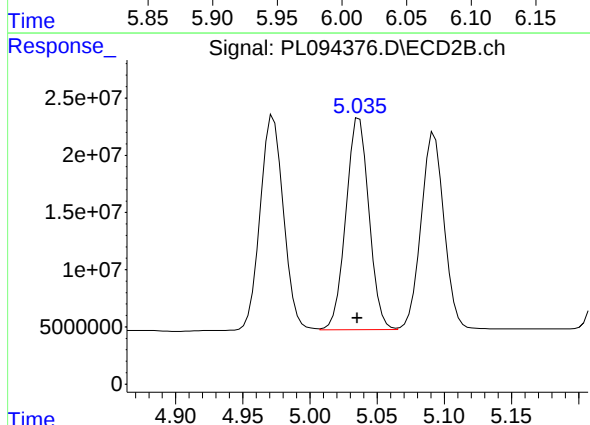
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: 0.003 min
Response: 143038504
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

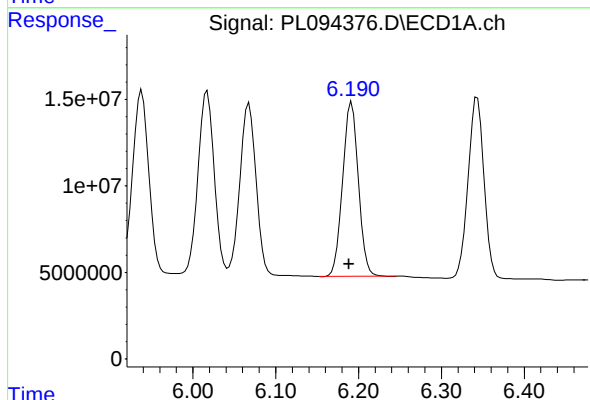
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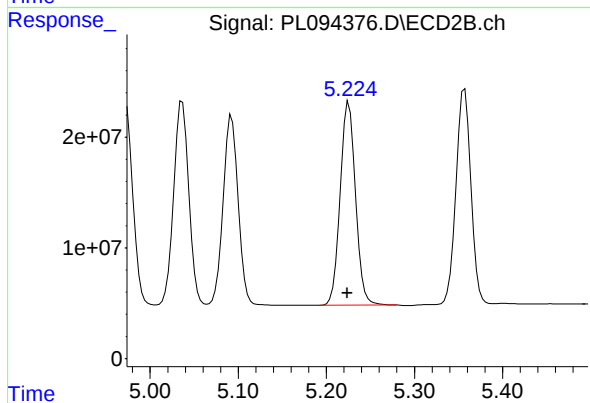
#11 alpha-Chlordane

R.T.: 5.037 min
Delta R.T.: 0.001 min
Response: 222497387
Conc: 51.53 ng/ml



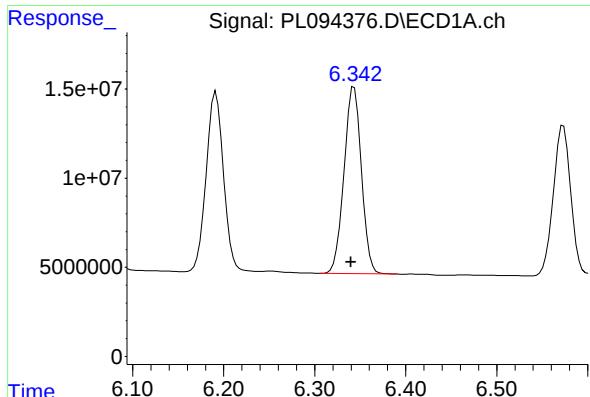
#12 4,4'-DDE

R.T.: 6.192 min
Delta R.T.: 0.003 min
Response: 133309137
Conc: 51.04 ng/ml



#12 4,4'-DDE

R.T.: 5.226 min
Delta R.T.: 0.002 min
Response: 222413057
Conc: 52.96 ng/ml



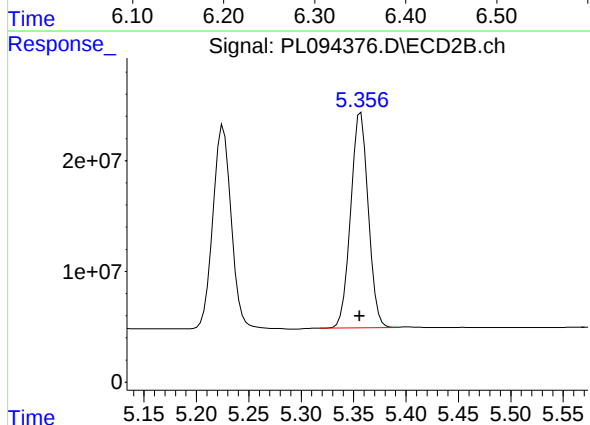
#13 Dieldrin

R.T.: 6.343 min
Delta R.T.: 0.003 min
Response: 139625645
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

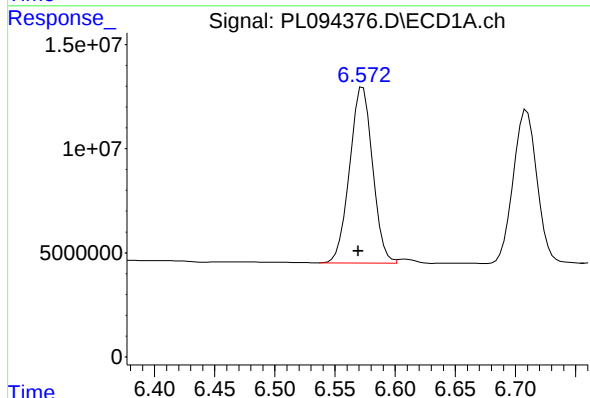
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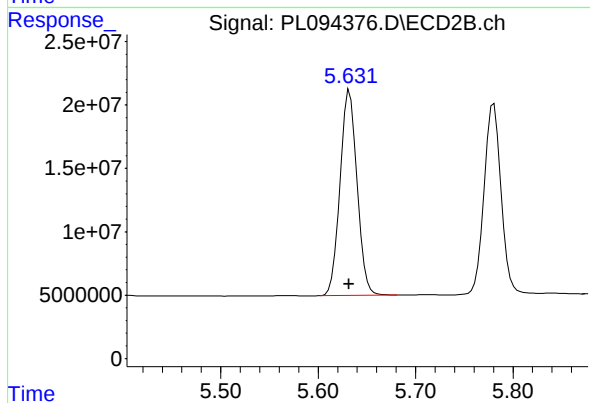
#13 Dieldrin

R.T.: 5.357 min
Delta R.T.: 0.001 min
Response: 228267354
Conc: 52.09 ng/ml



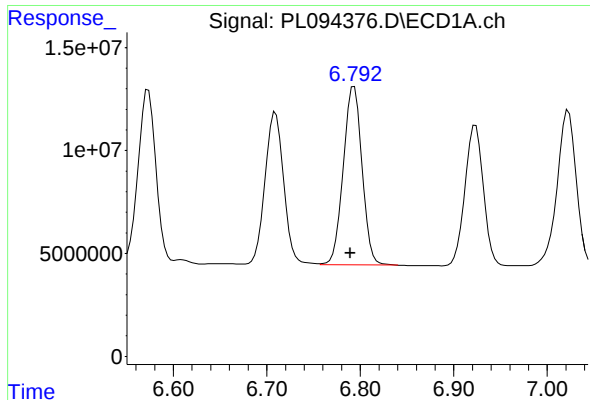
#14 Endrin

R.T.: 6.572 min
Delta R.T.: 0.002 min
Response: 113088537
Conc: 44.31 ng/ml m



#14 Endrin

R.T.: 5.632 min
Delta R.T.: 0.000 min
Response: 196644749
Conc: 57.76 ng/ml



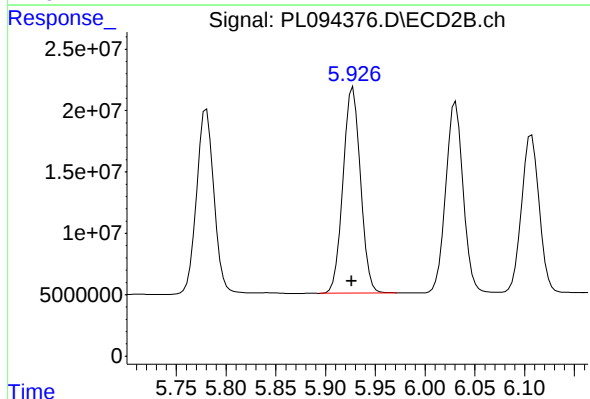
#15 Endosulfan II

R.T.: 6.793 min
Delta R.T.: 0.004 min
Response: 120777577
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

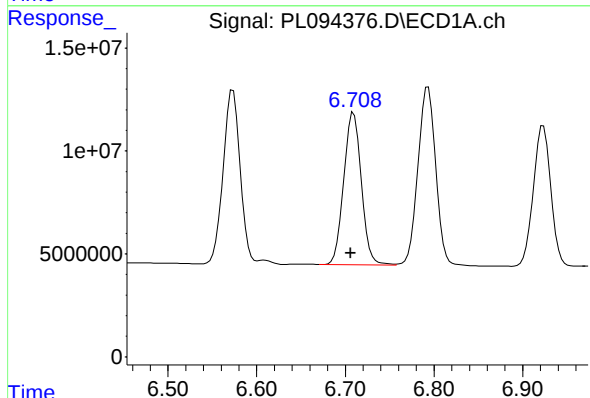
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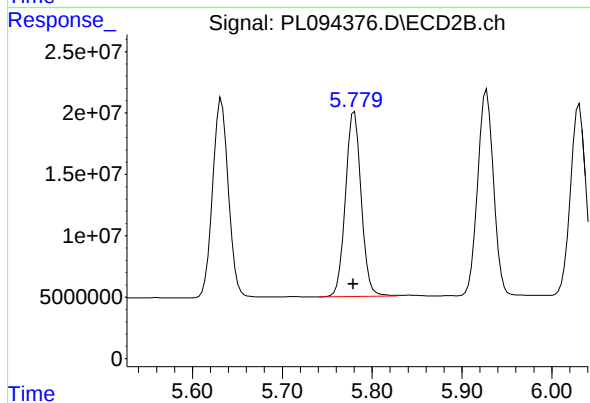
#15 Endosulfan II

R.T.: 5.928 min
Delta R.T.: 0.001 min
Response: 204741508
Conc: 54.75 ng/ml



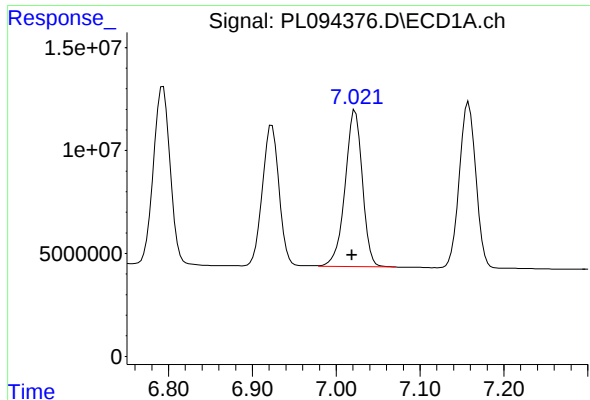
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: 0.003 min
Response: 101866966
Conc: 55.07 ng/ml



#16 4,4'-DDD

R.T.: 5.780 min
Delta R.T.: 0.001 min
Response: 182837835
Conc: 57.40 ng/ml



#17 4,4'-DDT

R.T.: 7.023 min
Delta R.T.: 0.004 min
Response: 108893906
Conc: 51.85 ng/ml

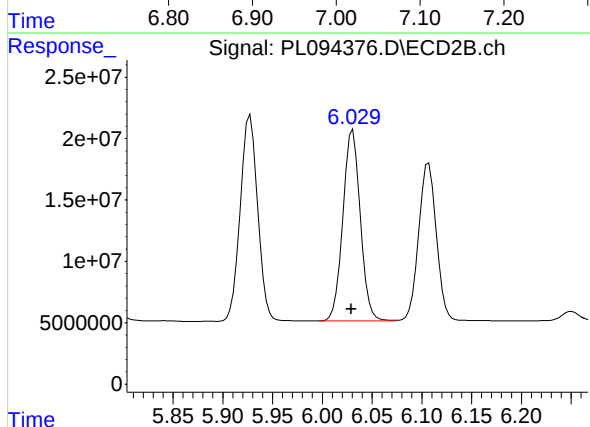
Instrument :

ECD_L

ClientSampleId :
PB166839BS

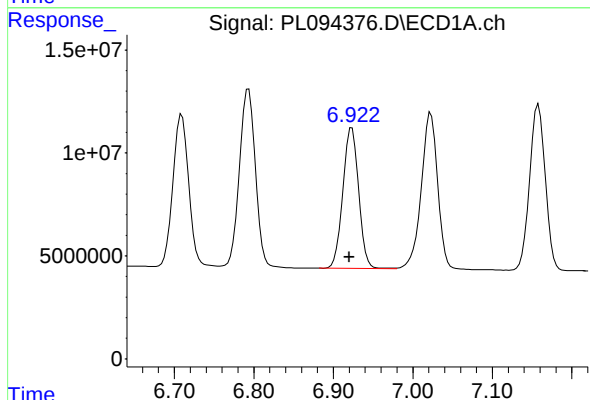
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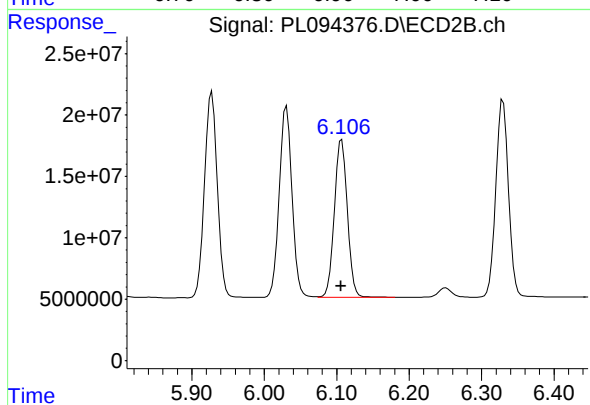
#17 4,4'-DDT

R.T.: 6.031 min
Delta R.T.: 0.002 min
Response: 190071845
Conc: 53.44 ng/ml



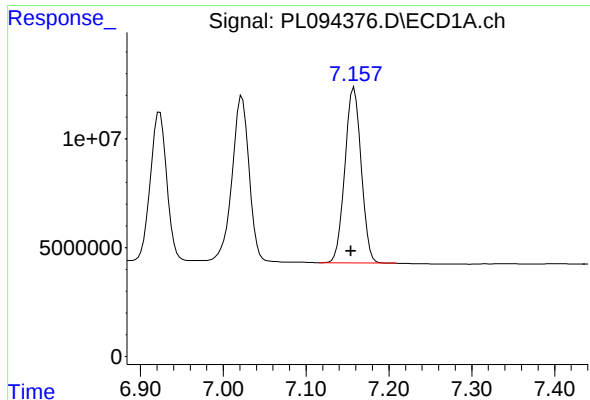
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: 0.003 min
Response: 94552341
Conc: 48.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.107 min
Delta R.T.: 0.001 min
Response: 159878007
Conc: 50.59 ng/ml



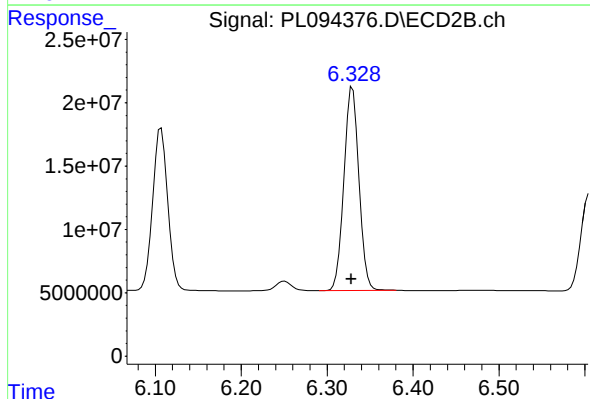
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: 0.004 min
Response: 110355935
Conc: 48.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

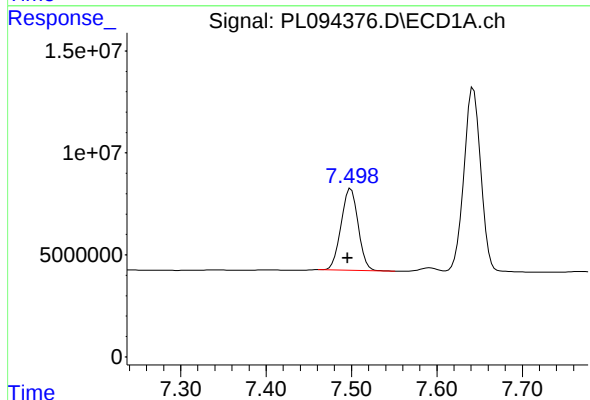
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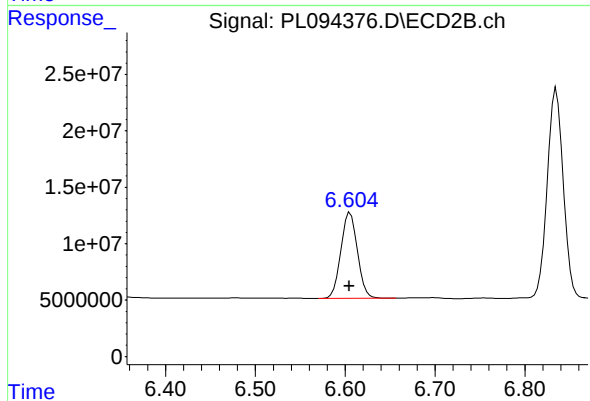
#19 Endosulfan Sulfate

R.T.: 6.330 min
Delta R.T.: 0.001 min
Response: 194353786
Conc: 52.62 ng/ml



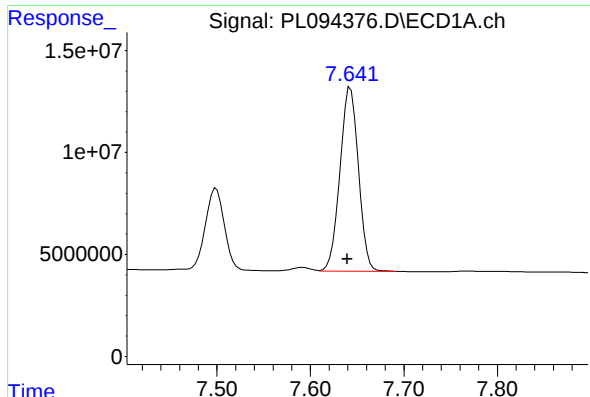
#20 Methoxychlor

R.T.: 7.499 min
Delta R.T.: 0.004 min
Response: 55477096
Conc: 49.93 ng/ml



#20 Methoxychlor

R.T.: 6.606 min
Delta R.T.: 0.000 min
Response: 97439773
Conc: 49.94 ng/ml



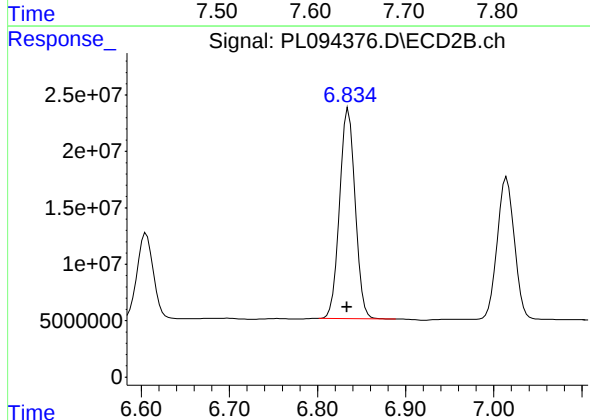
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.003 min
Response: 123762573
Conc: 49.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

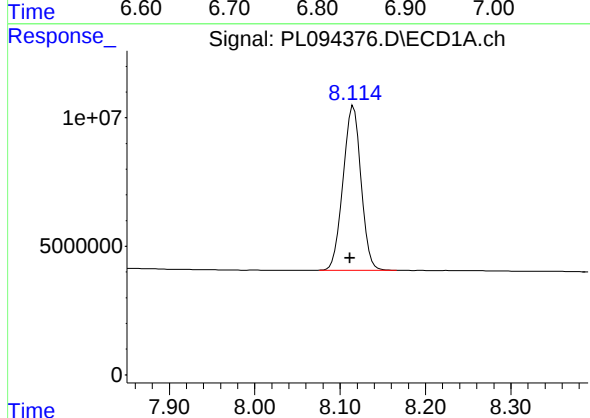
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/25/2025
Supervised By :Ankita Jodhani 02/25/2025



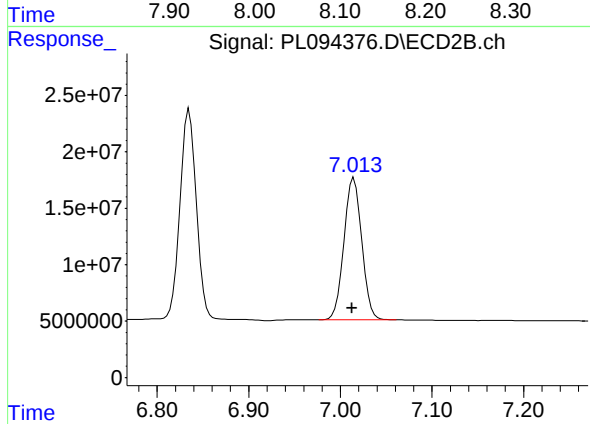
#21 Endrin ketone

R.T.: 6.835 min
Delta R.T.: 0.002 min
Response: 229253363
Conc: 53.72 ng/ml



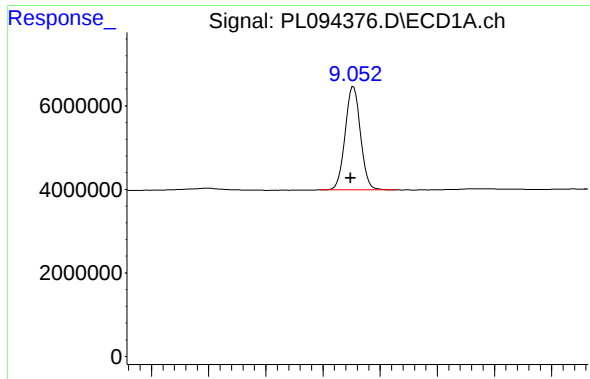
#22 Mirex

R.T.: 8.116 min
Delta R.T.: 0.004 min
Response: 93500098
Conc: 45.32 ng/ml



#22 Mirex

R.T.: 7.015 min
Delta R.T.: 0.002 min
Response: 170441143
Conc: 48.88 ng/ml



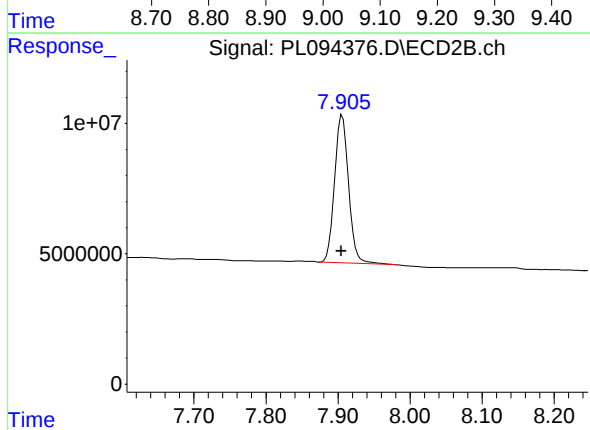
#28 Decachlorobiphenyl

R.T.: 9.053 min
Delta R.T.: 0.004 min
Response: 46257062
Conc: 21.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB166839BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.906 min
Delta R.T.: 0.002 min
Response: 76033888
Conc: 19.77 ng/ml