

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
 Data File : PL090537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Jul 2024 15:36
 Operator : AR\AJ
 Sample : P3228-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PAT-DIS-01-07112024MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 07/16/2024
 Supervised By :Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 16 01:16:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 2024
 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...	3.544	2.789	4257348	3526337	2.045m	2.095
28)	SA Decachlor...	9.059	7.931	2556974	2677139	1.924	1.836
Target Compounds							
2)	A alpha-BHC	4.000	3.291	14805074	11075912	4.989m	4.584m
3)	MA gamma-BHC...	4.333	3.621	13801658	11134457	4.928	4.829m
4)	MA Heptachlor	4.921	3.962	13344848	10509289	5.243m	4.764m
5)	MB Aldrin	5.262	4.242	13307907	9991102	5.327m	4.696m
6)	B beta-BHC	4.528	3.920	6604886	5447438	5.207m	5.277m
7)	B delta-BHC	4.774	4.151	13590744	10437039	5.069m	4.745
8)	B Heptachlo...	5.688	4.745	15918592	9835444	6.773m	5.043m#
9)	A Endosulfan I	6.073	5.115	10319929	8084906	4.825m	4.421m
10)	B gamma-Chl...	5.944	4.995	20324391	17149594	8.742m	8.459m
11)	B alpha-Chl...	6.023	5.058	19876536	14604416	8.658m	7.228m
12)	B 4,4'-DDE	6.196	5.249	19495815	17296779	9.642	9.679
13)	MA Dieldrin	6.348	5.379	11359750	9363785	5.113m	4.775m
14)	MA Endrin	6.579	5.662	9109847	20767694	4.955	12.066 #
15)	B Endosulfa...	6.796	5.948	8417841	6954715	4.280m	4.071m
16)	A 4,4'-DDD	6.712	5.803	12868103	9980537	7.622m	6.661
17)	MA 4,4'-DDT	7.026	6.053	63320150	64576289	37.617m	44.075m
18)	B Endrin al...	6.927	6.129	7090903	6932999	4.780m	5.306
19)	B Endosulfa...	7.160	6.350	11961095	8389605	6.811m	5.203m
20)	A Methoxychlor	7.502	6.628	4275977	4131374	4.843	5.110m
21)	B Endrin ke...	7.646	6.856	9967720	7730716	5.221	4.230m
22)	Mirex	8.121	7.039	7099111	7685803	5.013	5.170

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071524\
Data File : PL090537.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Jul 2024 15:36
Operator : AR\AJ
Sample : P3228-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

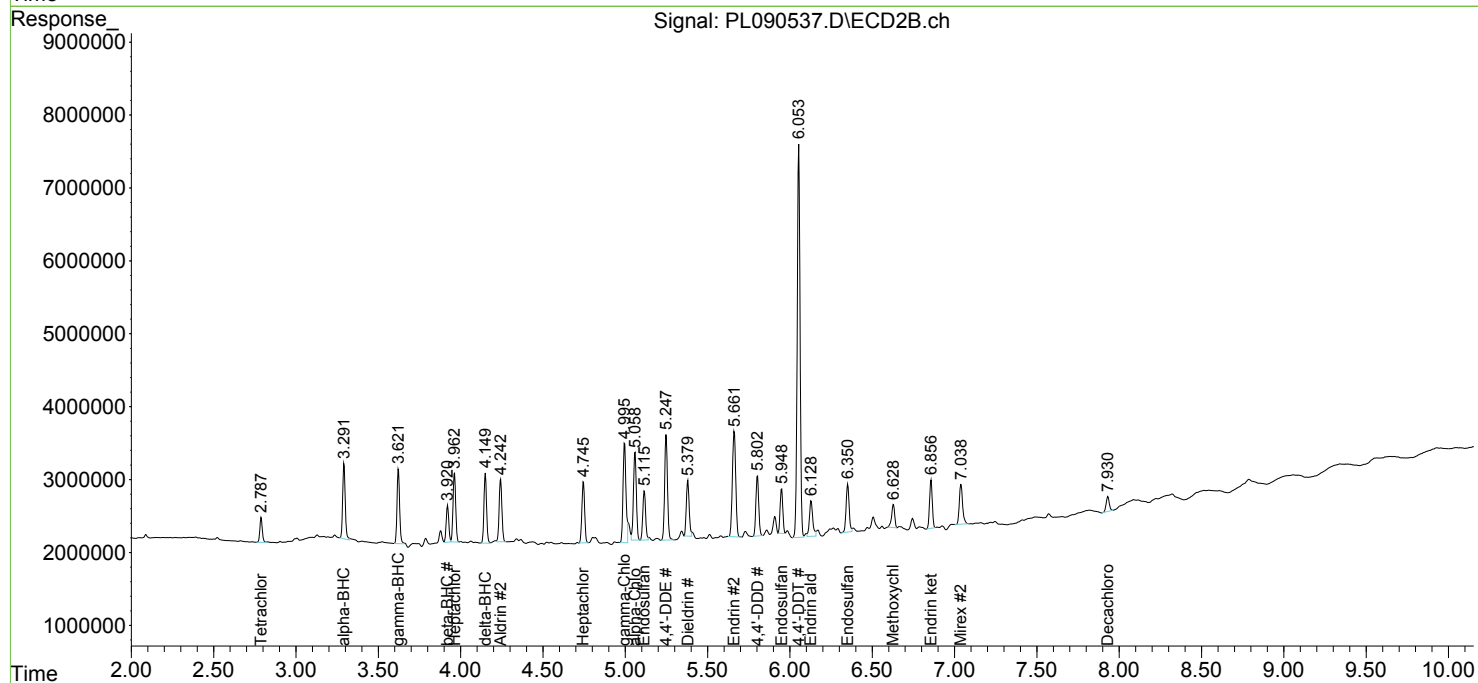
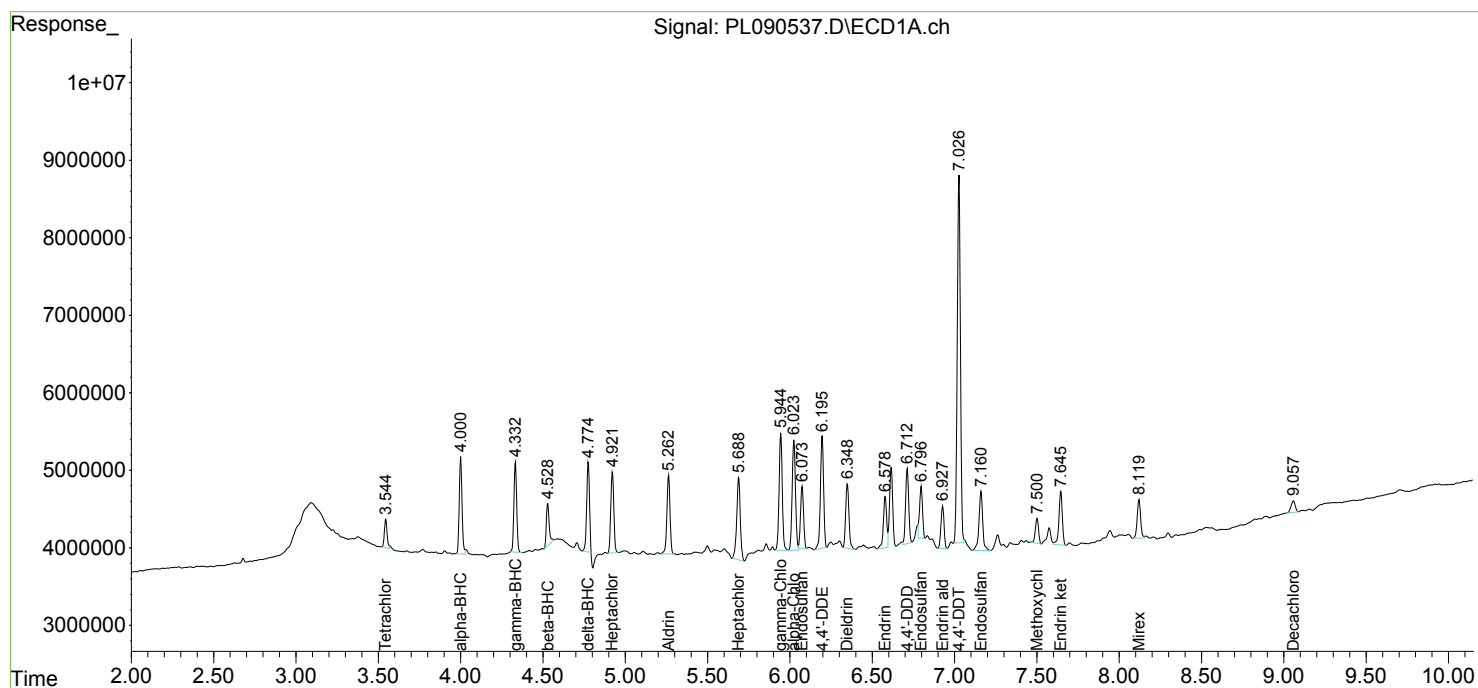
Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

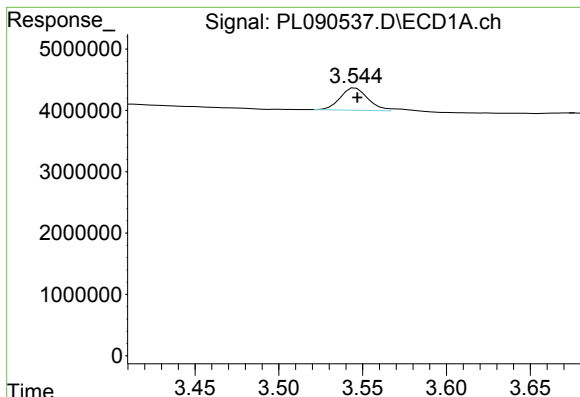
Manual Integrations
APPROVED

Reviewed By : Abdul Mirza 07/16/2024
Supervised By : Ankita Jodhani 07/16/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 16 01:16:37 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
Quant Title : GC Extractables
QLast Update : Mon Jul 15 14:16:48 2024
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





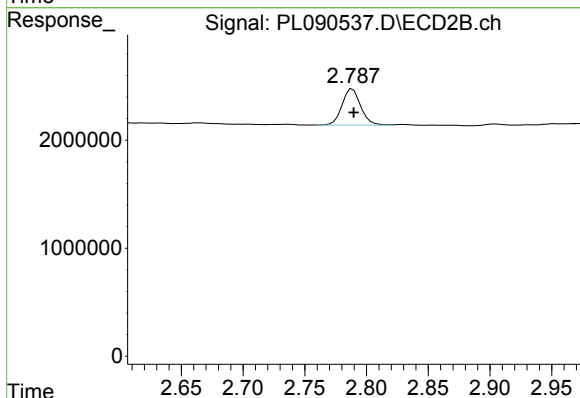
#1 Tetrachloro-m-xylene

R.T.: 3.544 min
Delta R.T.: -0.003 min
Response: 4257348
Conc: 2.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

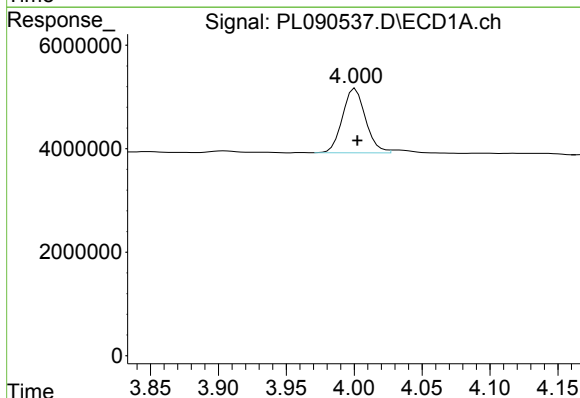
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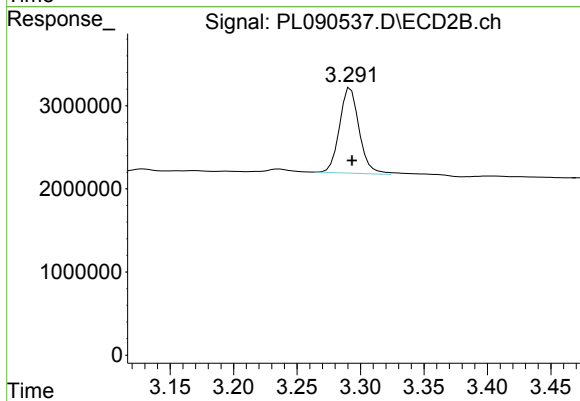
#1 Tetrachloro-m-xylene

R.T.: 2.789 min
Delta R.T.: -0.001 min
Response: 3526337
Conc: 2.10 ng/ml



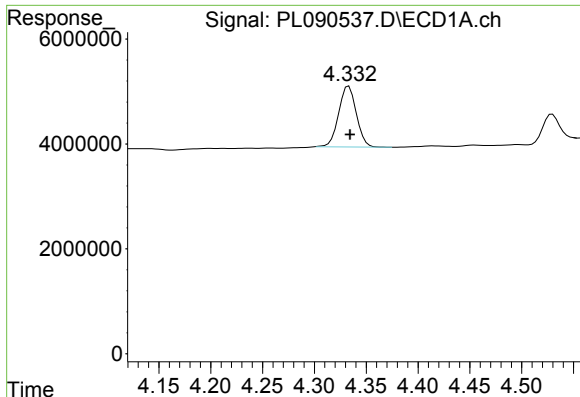
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: -0.003 min
Response: 14805074
Conc: 4.99 ng/ml m



#2 alpha-BHC

R.T.: 3.291 min
Delta R.T.: -0.003 min
Response: 11075912
Conc: 4.58 ng/ml m



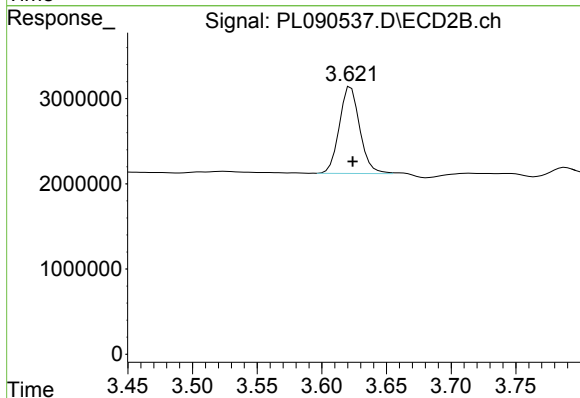
#3 gamma-BHC (Lindane)

R.T.: 4.333 min
Delta R.T.: -0.001 min
Response: 13801658
Conc: 4.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

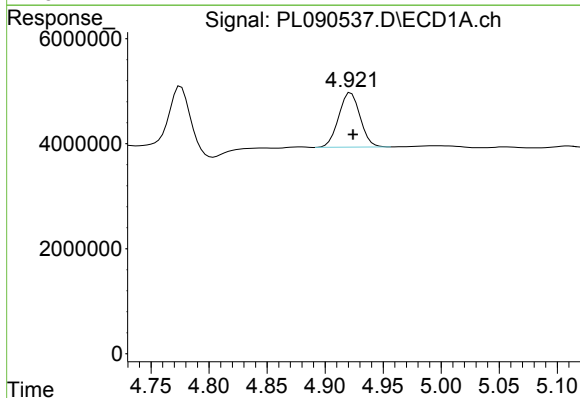
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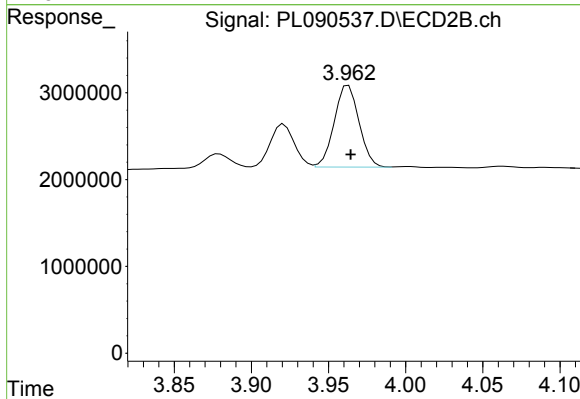
#3 gamma-BHC (Lindane)

R.T.: 3.621 min
Delta R.T.: -0.003 min
Response: 11134457
Conc: 4.83 ng/ml m



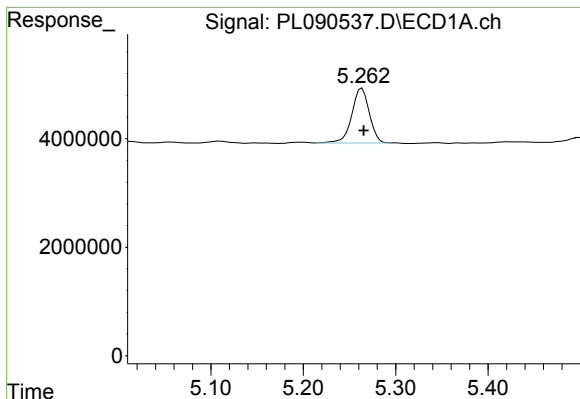
#4 Heptachlor

R.T.: 4.921 min
Delta R.T.: -0.003 min
Response: 13344848
Conc: 5.24 ng/ml m



#4 Heptachlor

R.T.: 3.962 min
Delta R.T.: -0.003 min
Response: 10509289
Conc: 4.76 ng/ml m



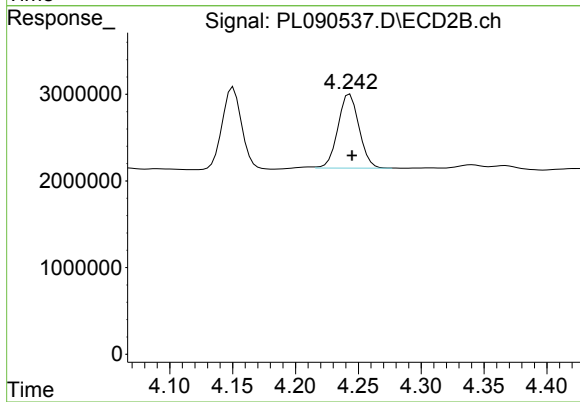
#5 Aldrin

R.T.: 5.262 min
Delta R.T.: -0.003 min
Response: 13307907
Conc: 5.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

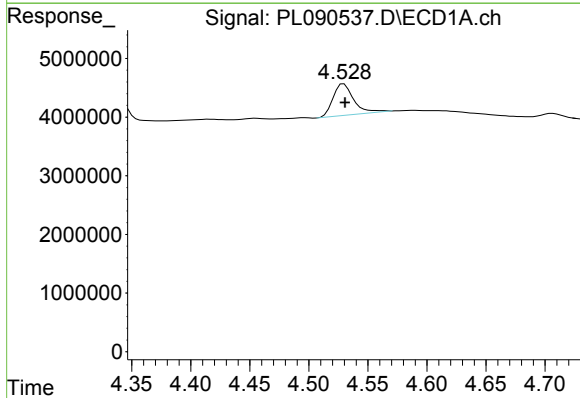
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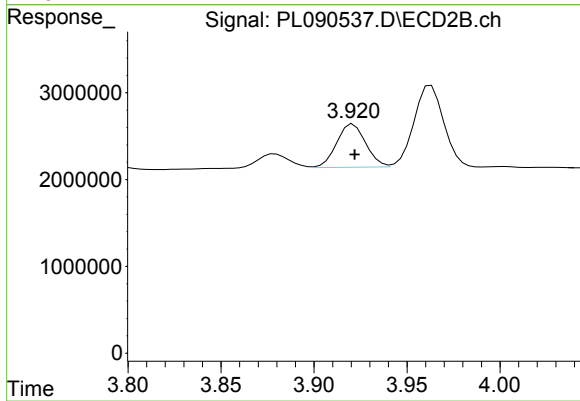
#5 Aldrin

R.T.: 4.242 min
Delta R.T.: -0.003 min
Response: 9991102
Conc: 4.70 ng/ml m



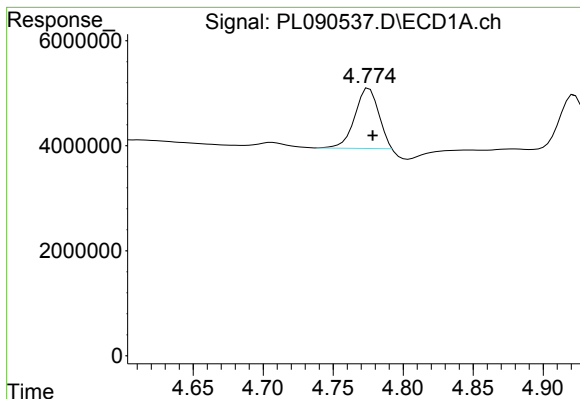
#6 beta-BHC

R.T.: 4.528 min
Delta R.T.: -0.003 min
Response: 6604886
Conc: 5.21 ng/ml m



#6 beta-BHC

R.T.: 3.920 min
Delta R.T.: -0.002 min
Response: 5447438
Conc: 5.28 ng/ml m



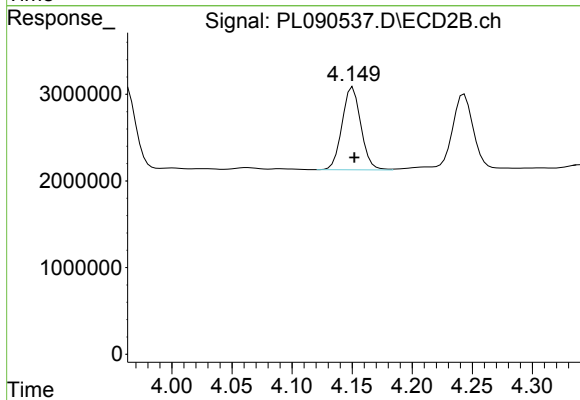
#7 delta-BHC

R.T.: 4.774 min
Delta R.T.: -0.004 min
Response: 13590744
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

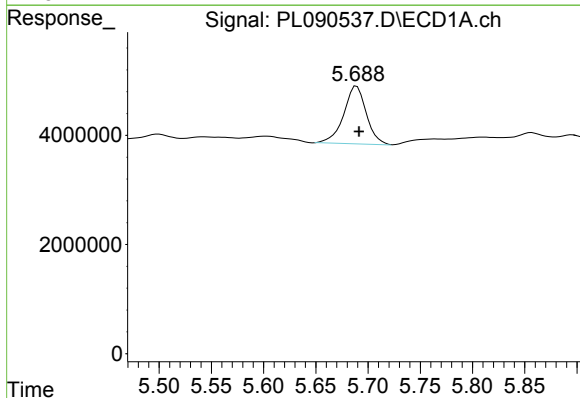
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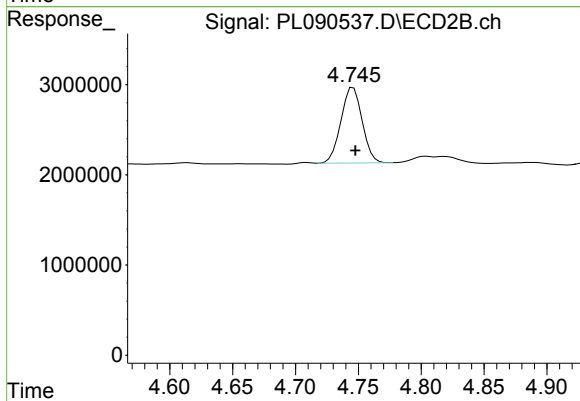
#7 delta-BHC

R.T.: 4.151 min
Delta R.T.: -0.001 min
Response: 10437039
Conc: 4.74 ng/ml



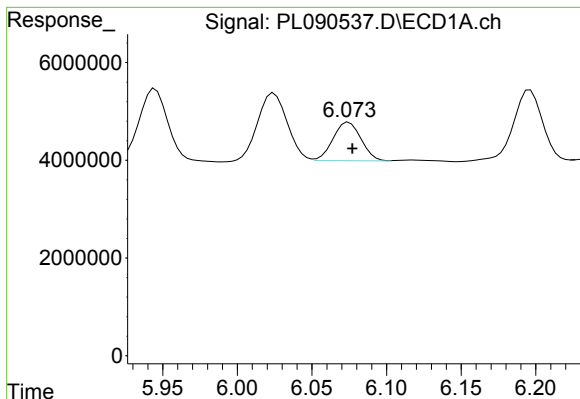
#8 Heptachlor epoxide

R.T.: 5.688 min
Delta R.T.: -0.004 min
Response: 15918592
Conc: 6.77 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.745 min
Delta R.T.: -0.003 min
Response: 9835444
Conc: 5.04 ng/ml m



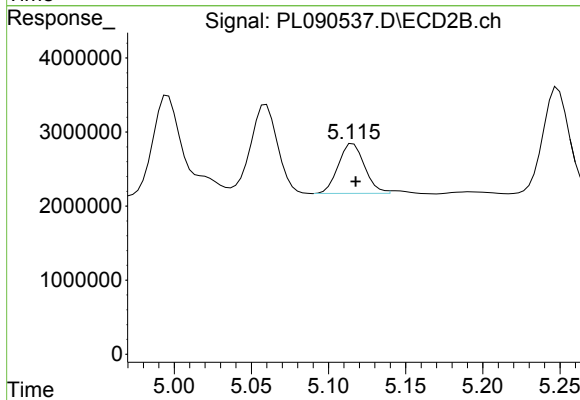
#9 Endosulfan I

R.T.: 6.073 min
Delta R.T.: -0.004 min
Response: 10319929
Conc: 4.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

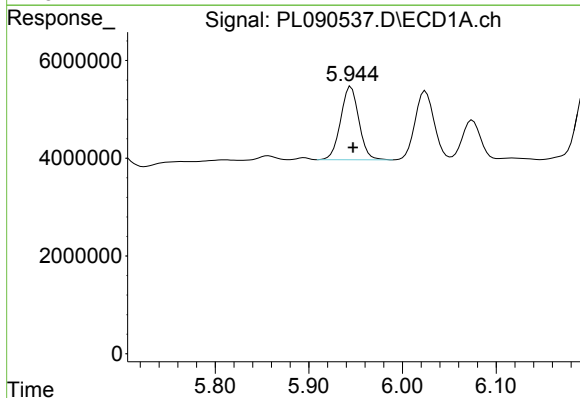
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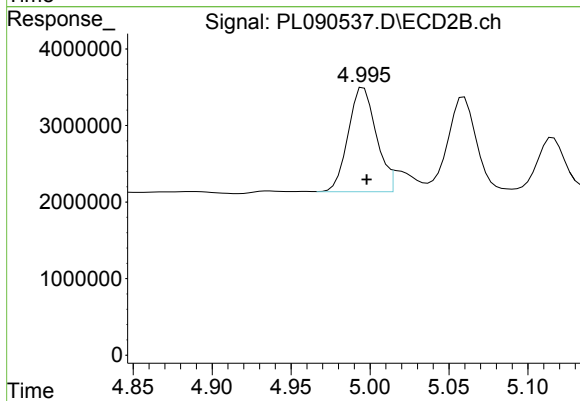
#9 Endosulfan I

R.T.: 5.115 min
Delta R.T.: -0.003 min
Response: 8084906
Conc: 4.42 ng/ml m



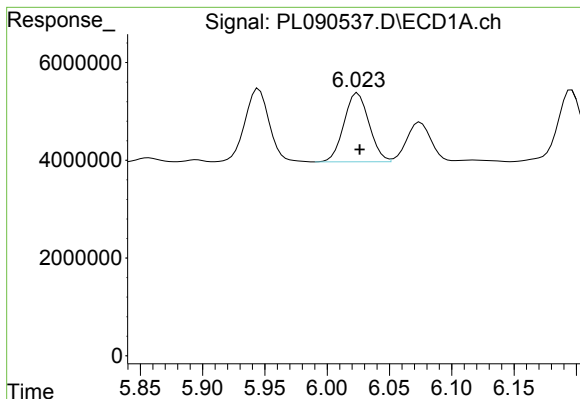
#10 gamma-Chlordane

R.T.: 5.944 min
Delta R.T.: -0.004 min
Response: 20324391
Conc: 8.74 ng/ml m



#10 gamma-Chlordane

R.T.: 4.995 min
Delta R.T.: -0.003 min
Response: 17149594
Conc: 8.46 ng/ml m



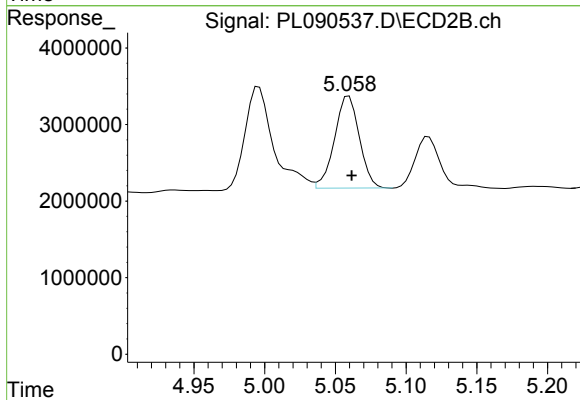
#11 alpha-Chlordane

R.T.: 6.023 min
Delta R.T.: -0.003 min
Response: 19876536
Conc: 8.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

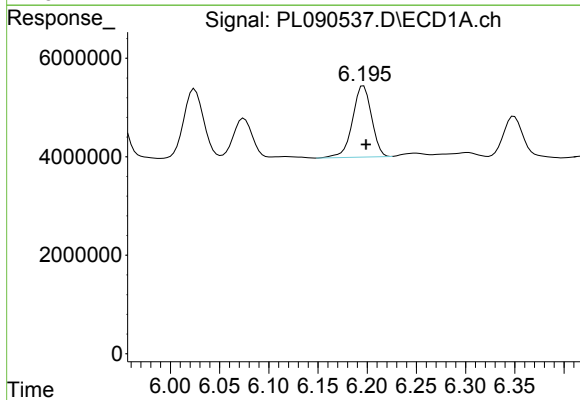
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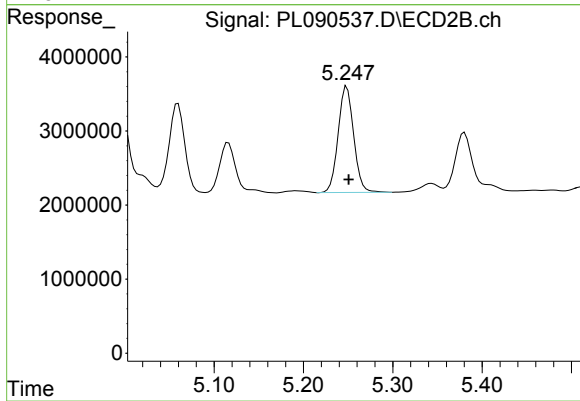
#11 alpha-Chlordane

R.T.: 5.058 min
Delta R.T.: -0.003 min
Response: 14604416
Conc: 7.23 ng/ml m



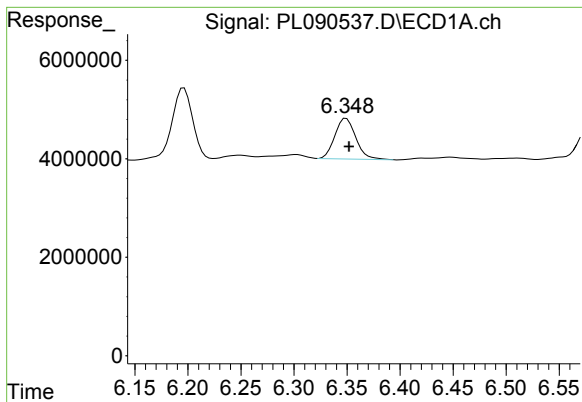
#12 4,4'-DDE

R.T.: 6.196 min
Delta R.T.: -0.003 min
Response: 19495815
Conc: 9.64 ng/ml



#12 4,4'-DDE

R.T.: 5.249 min
Delta R.T.: -0.002 min
Response: 17296779
Conc: 9.68 ng/ml



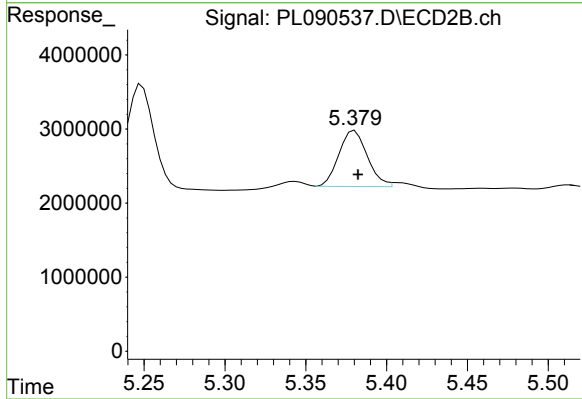
#13 Dieldrin

R.T.: 6.348 min
Delta R.T.: -0.004 min
Response: 11359750
Conc: 5.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

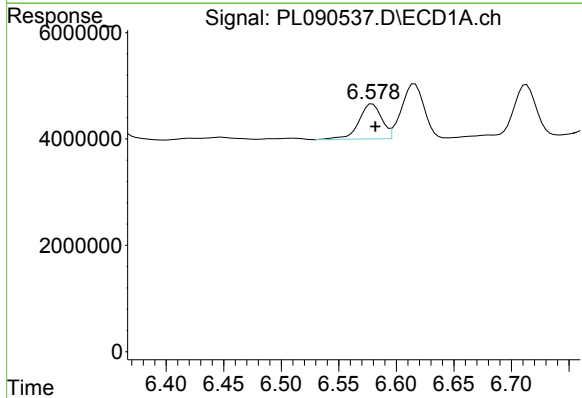
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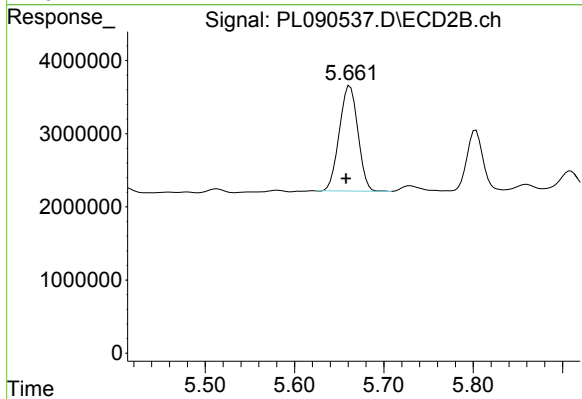
#13 Dieldrin

R.T.: 5.379 min
Delta R.T.: -0.003 min
Response: 9363785
Conc: 4.78 ng/ml m



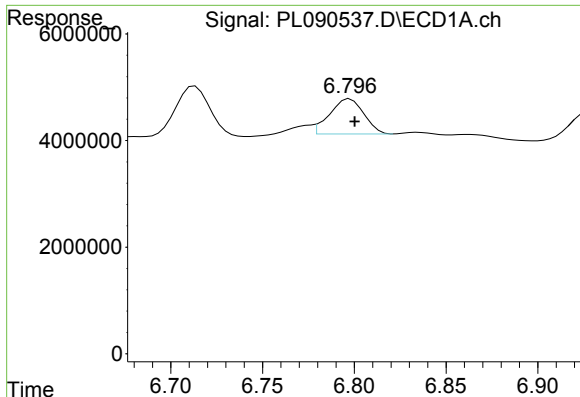
#14 Endrin

R.T.: 6.579 min
Delta R.T.: -0.002 min
Response: 9109847
Conc: 4.96 ng/ml



#14 Endrin

R.T.: 5.662 min
Delta R.T.: 0.005 min
Response: 20767694
Conc: 12.07 ng/ml



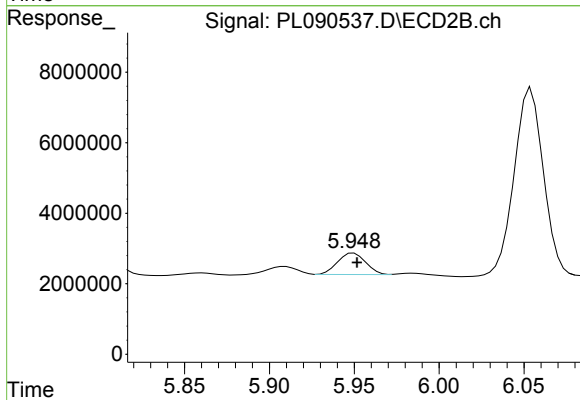
#15 Endosulfan II

R.T.: 6.796 min
Delta R.T.: -0.004 min
Response: 8417841
Conc: 4.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
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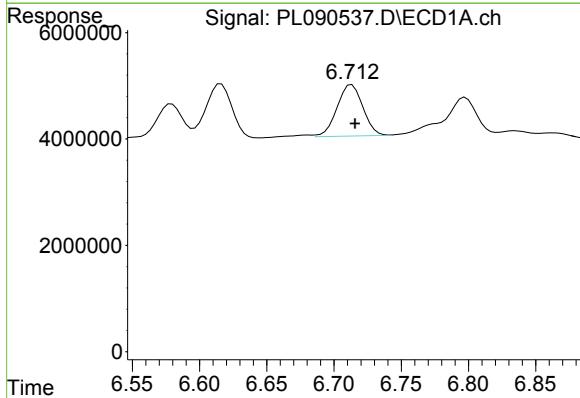
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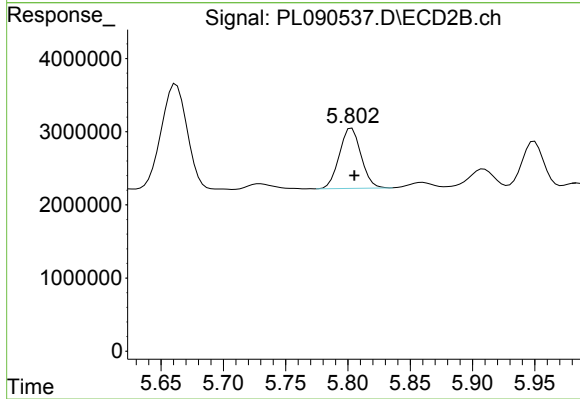
#15 Endosulfan II

R.T.: 5.948 min
Delta R.T.: -0.003 min
Response: 6954715
Conc: 4.07 ng/ml m



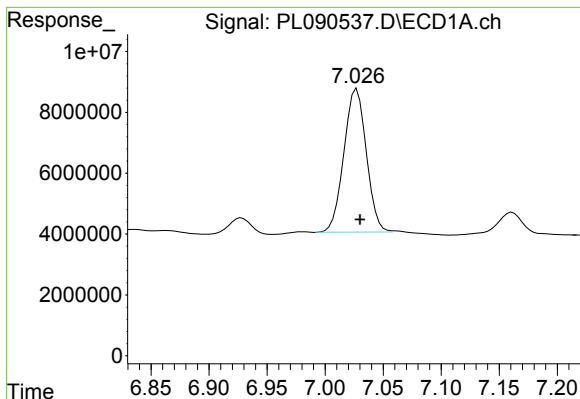
#16 4,4'-DDD

R.T.: 6.712 min
Delta R.T.: -0.004 min
Response: 12868103
Conc: 7.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.803 min
Delta R.T.: -0.002 min
Response: 9980537
Conc: 6.66 ng/ml



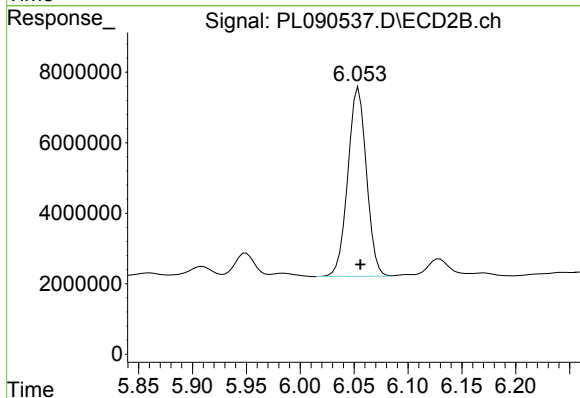
#17 4,4'-DDT

R.T.: 7.026 min
Delta R.T.: -0.004 min
Response: 63320150
Conc: 37.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

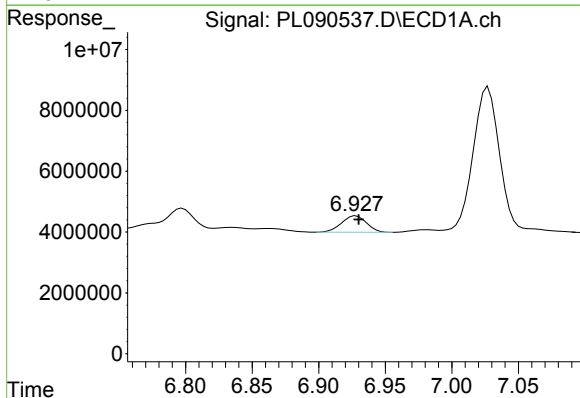
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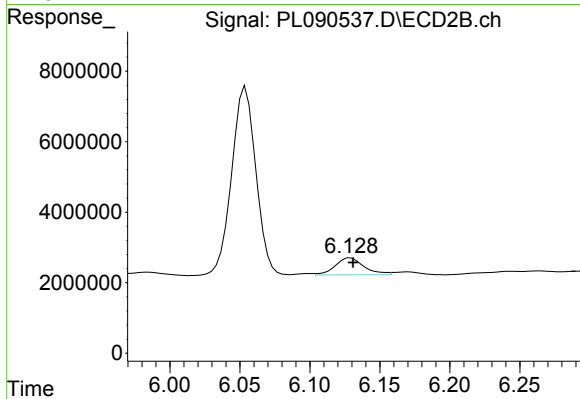
#17 4,4'-DDT

R.T.: 6.053 min
Delta R.T.: -0.003 min
Response: 64576289
Conc: 44.07 ng/ml m



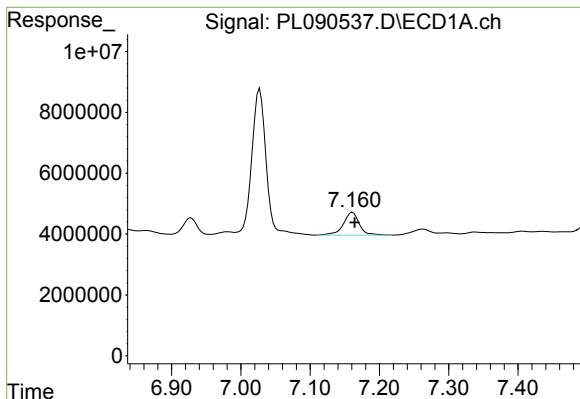
#18 Endrin aldehyde

R.T.: 6.927 min
Delta R.T.: -0.003 min
Response: 7090903
Conc: 4.78 ng/ml m



#18 Endrin aldehyde

R.T.: 6.129 min
Delta R.T.: -0.002 min
Response: 6932999
Conc: 5.31 ng/ml



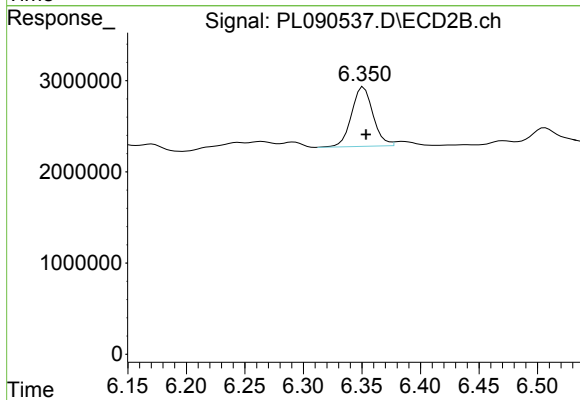
#19 Endosulfan Sulfate

R.T.: 7.160 min
Delta R.T.: -0.004 min
Response: 11961095
Conc: 6.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

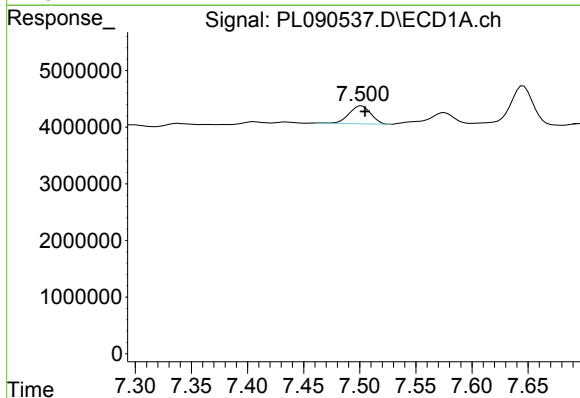
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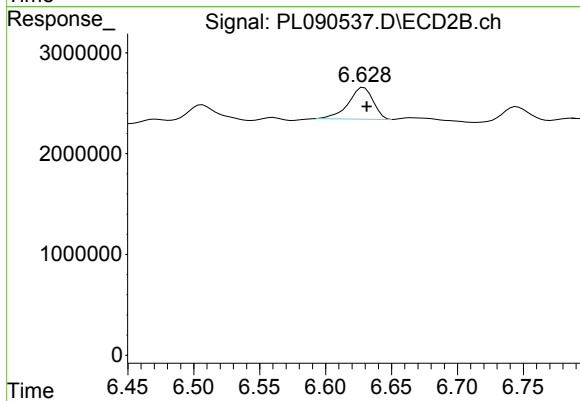
#19 Endosulfan Sulfate

R.T.: 6.350 min
Delta R.T.: -0.003 min
Response: 8389605
Conc: 5.20 ng/ml m



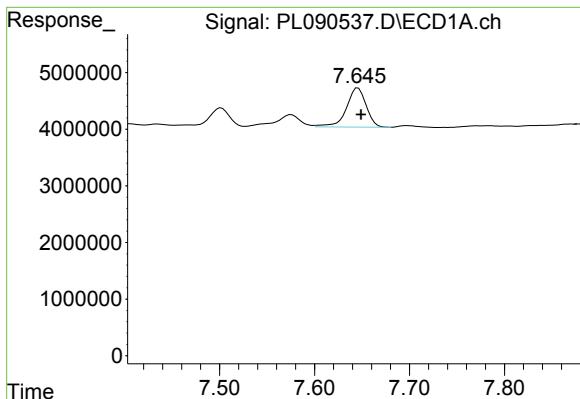
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: -0.003 min
Response: 4275977
Conc: 4.84 ng/ml



#20 Methoxychlor

R.T.: 6.628 min
Delta R.T.: -0.004 min
Response: 4131374
Conc: 5.11 ng/ml m



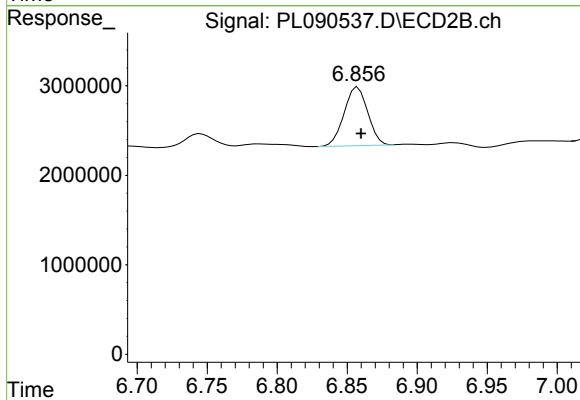
#21 Endrin ketone

R.T.: 7.646 min
Delta R.T.: -0.003 min
Response: 9967720
Conc: 5.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

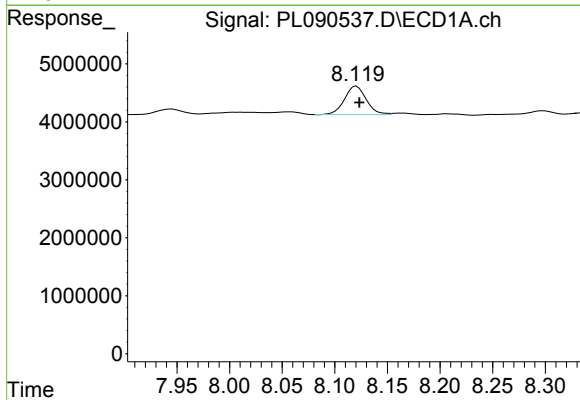
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/16/2024
Supervised By :Ankita Jodhani 07/16/2024



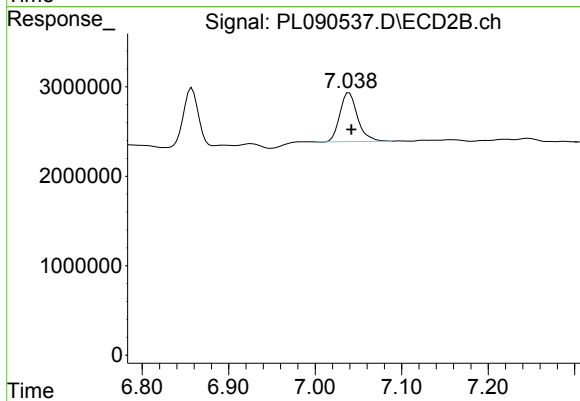
#21 Endrin ketone

R.T.: 6.856 min
Delta R.T.: -0.004 min
Response: 7730716
Conc: 4.23 ng/ml m



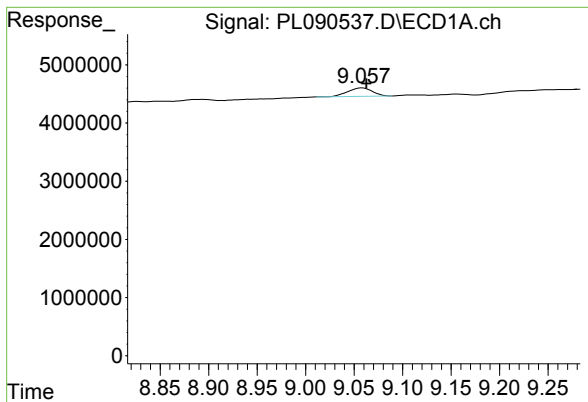
#22 Mirex

R.T.: 8.121 min
Delta R.T.: -0.003 min
Response: 7099111
Conc: 5.01 ng/ml



#22 Mirex

R.T.: 7.039 min
Delta R.T.: -0.003 min
Response: 7685803
Conc: 5.17 ng/ml



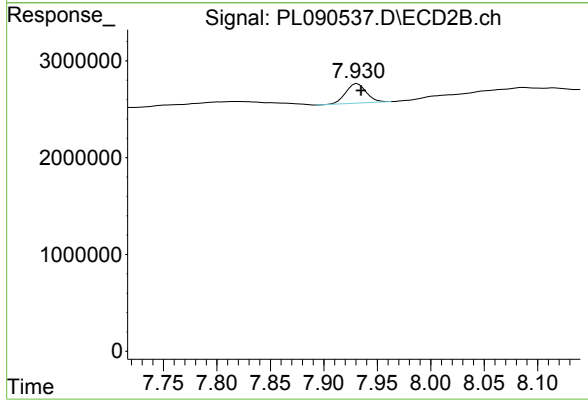
#28 Decachlorobiphenyl

R.T.: 9.059 min
Delta R.T.: -0.004 min
Response: 2556974
Conc: 1.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PAT-DIS-01-07112024MSD

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#28 Decachlorobiphenyl

R.T.: 7.931 min
Delta R.T.: -0.003 min
Response: 2677139
Conc: 1.84 ng/ml