

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022824\
 Data File : PL088339.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Feb 2024 15:05
 Operator : AR\AJ
 Sample : P1610-01MSD 10X
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SU-02-02272024MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/29/2024
 Supervised By : Ankita Jodhani 02/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 29 01:22:12 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.635	2.853	5529330	2612251	2.013	1.863
28) SA Decachlor...	9.305	8.085	4325843	2696559	2.246	2.118
Target Compounds						
2) A alpha-BHC	4.100	3.368	20508927	9410482	4.913	4.580
3) MA gamma-BHC...	4.438	3.703	19832927	9352367	4.898	4.670m
4) MA Heptachlor	5.039	4.053	21463232	10196288	5.577	5.597
5) MB Aldrin	5.386	4.339	19221505	9569436	5.034	4.934
6) B beta-BHC	4.635	4.006	11396438	5361749	6.544	6.024
7) B delta-BHC	4.886	4.240	18058868	7738966	4.746m	3.880m
8) B Heptachlo...	5.816	4.849	20364613	8754296	5.812m	5.046
9) A Endosulfan I	6.209	5.226	16952194	8222200	5.416	5.110
10) B gamma-Chl...	6.077	5.103	19656630	10125378	5.784	5.676m
11) B alpha-Chl...	6.158	5.169	20147677	9939133	5.904	5.579
12) B 4,4'-DDE	6.332	5.362	15226180	7653429	5.020	4.815
13) MA Dieldrin	6.488	5.495	17271346	8502397	5.253	4.928
14) MA Endrin	6.720	5.773	13923736	7550526	5.354	5.050m
15) B Endosulfa...	6.941	6.072	15579917	7669580	5.440	5.034
16) A 4,4'-DDD	6.855	5.924	13302670	6452690	5.129	4.723
17) MA 4,4'-DDT	7.173	6.179	14032988	6917126	5.337	5.067
18) B Endrin al...	7.072	6.254	11288136	5760534	5.459	5.274
19) B Endosulfa...	7.309	6.479	14367166	7238127	5.515	5.154
20) A Methoxychlor	7.654	6.763	7912610	4276092	5.978	5.456
21) B Endrin ke...	7.799	6.991	14190421	8036976	5.066m	4.800m
22) Mirex	8.282	7.178	13163872	7228125	5.681m	5.517m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022824\
Data File : PL088339.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 28 Feb 2024 15:05
Operator : AR\AJ
Sample : P1610-01MSD 10X
Misc :
ALS Vial : 10 Sample Multiplier: 1

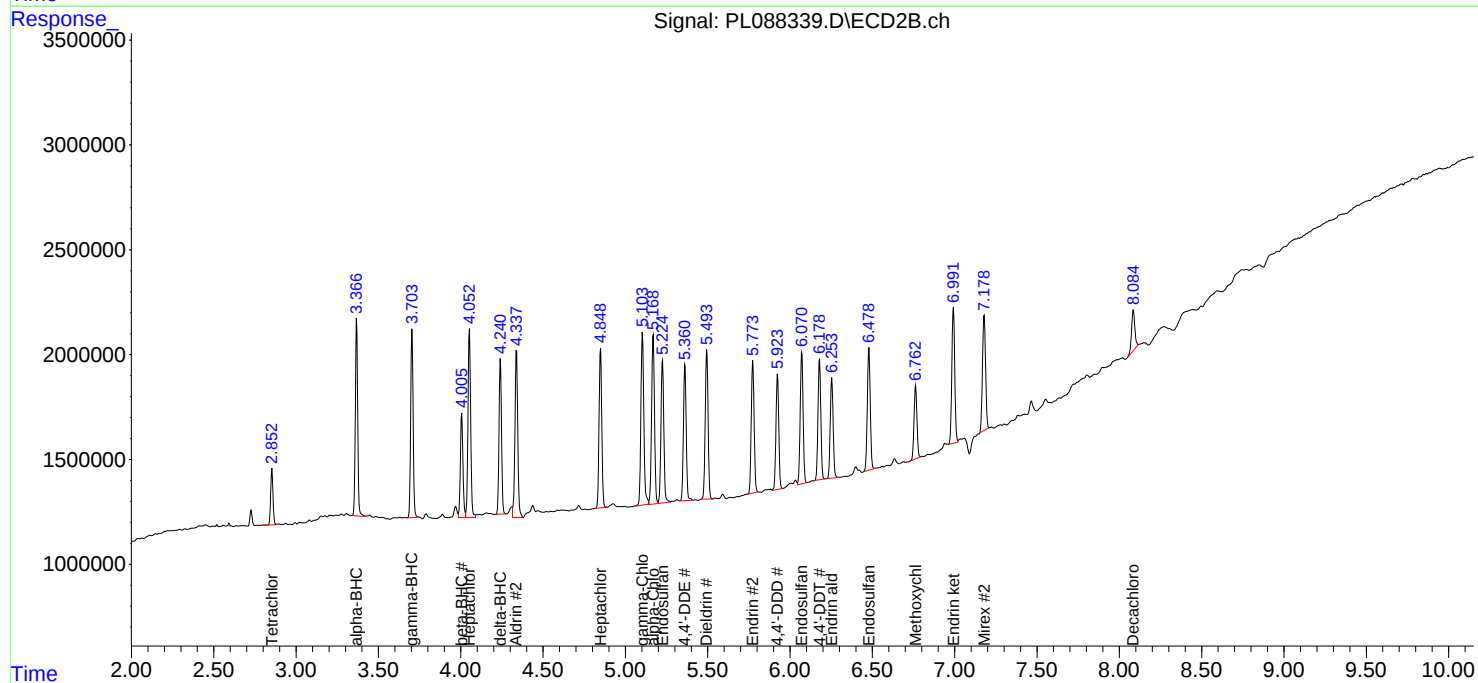
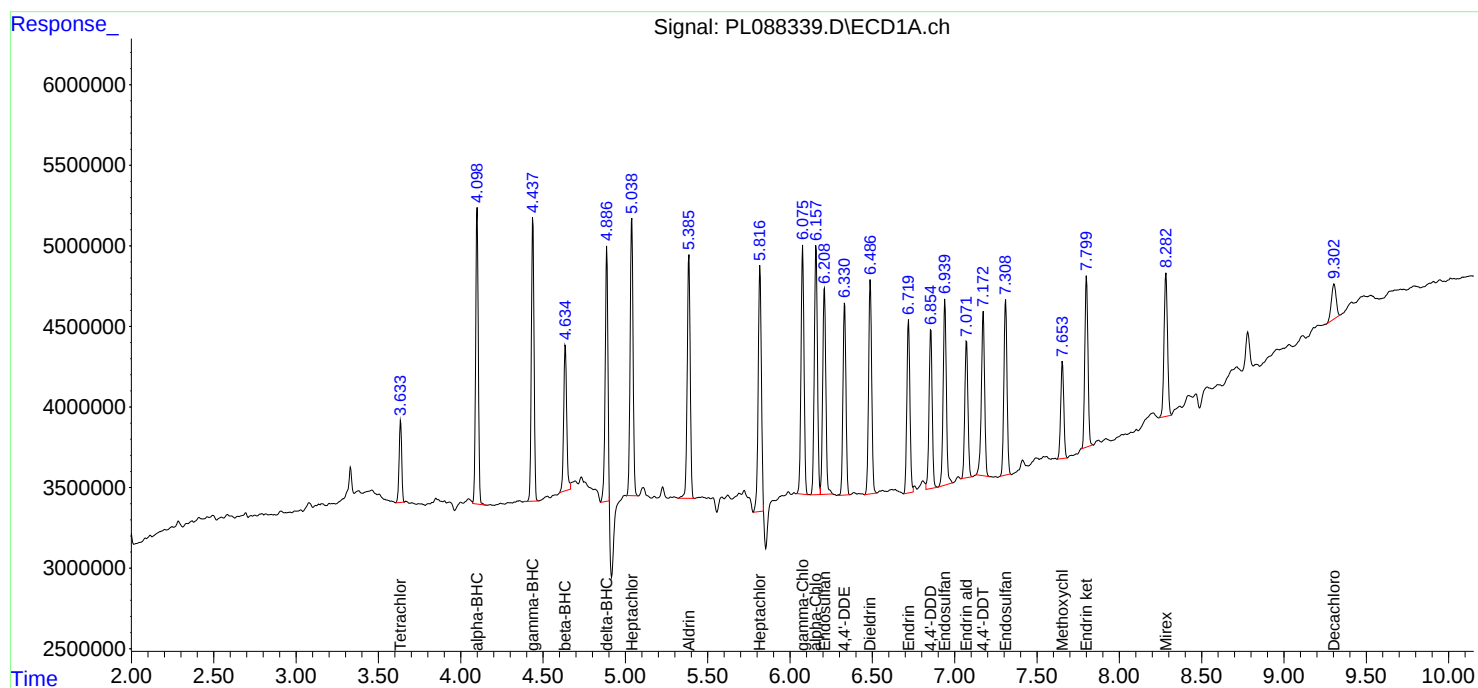
Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

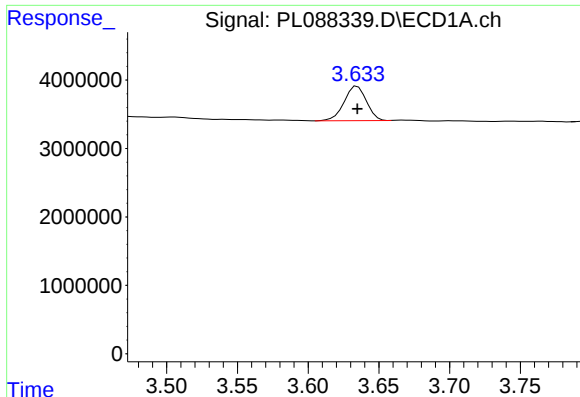
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/29/2024
Supervised By :Ankita Jodhani 02/29/2024

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 29 01:22:12 2024
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
Quant Title : GC Extractables
QLast Update : Fri Feb 16 21:46:54 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





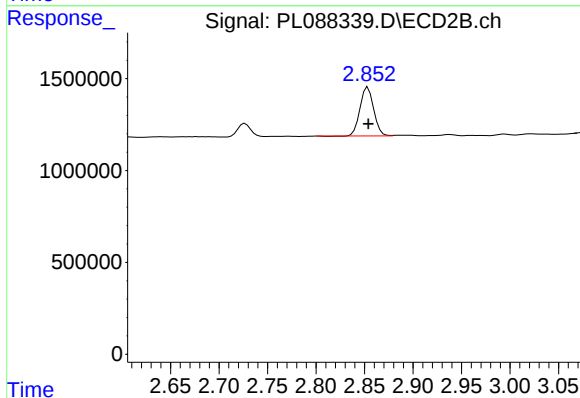
#1 Tetrachloro-m-xylene

R.T.: 3.635 min
Delta R.T.: 0.000 min
Response: 5529330
Conc: 2.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

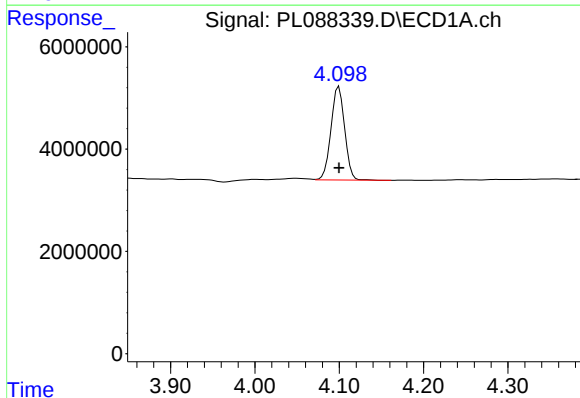
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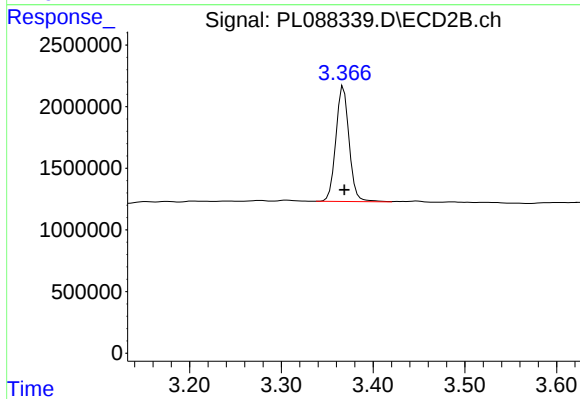
#1 Tetrachloro-m-xylene

R.T.: 2.853 min
Delta R.T.: 0.000 min
Response: 2612251
Conc: 1.86 ng/ml



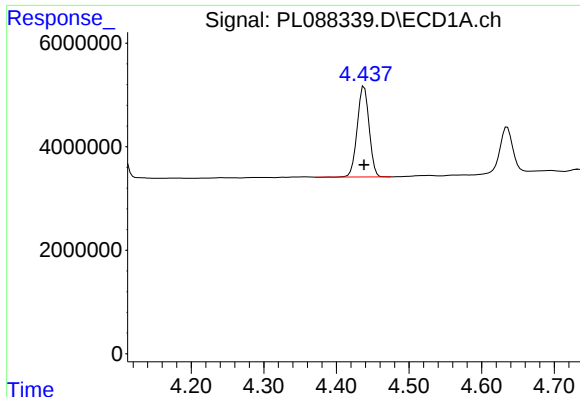
#2 alpha-BHC

R.T.: 4.100 min
Delta R.T.: 0.000 min
Response: 20508927
Conc: 4.91 ng/ml



#2 alpha-BHC

R.T.: 3.368 min
Delta R.T.: 0.000 min
Response: 9410482
Conc: 4.58 ng/ml



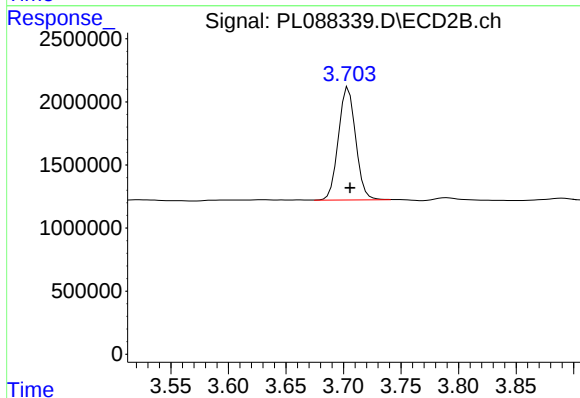
#3 gamma-BHC (Lindane)

R.T.: 4.438 min
Delta R.T.: 0.000 min
Response: 19832927
Conc: 4.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

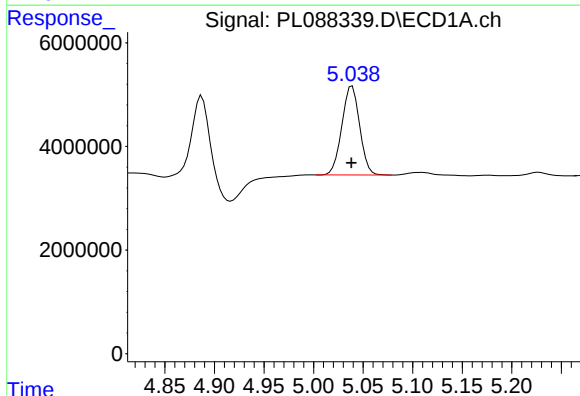
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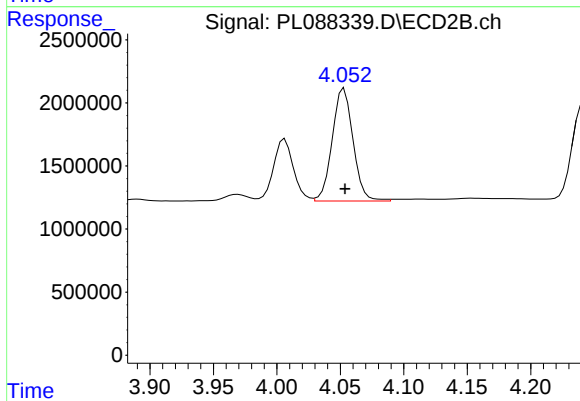
#3 gamma-BHC (Lindane)

R.T.: 3.703 min
Delta R.T.: -0.003 min
Response: 9352367
Conc: 4.67 ng/ml m



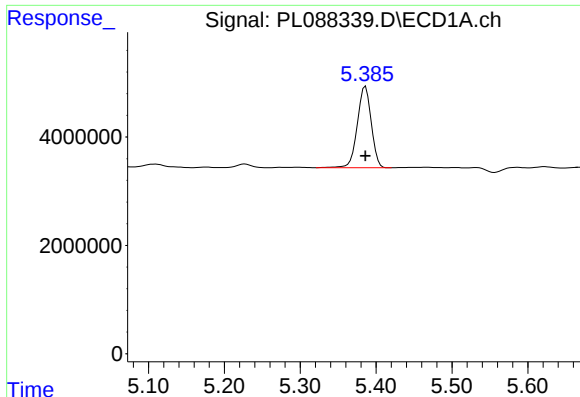
#4 Heptachlor

R.T.: 5.039 min
Delta R.T.: 0.000 min
Response: 21463232
Conc: 5.58 ng/ml



#4 Heptachlor

R.T.: 4.053 min
Delta R.T.: 0.000 min
Response: 10196288
Conc: 5.60 ng/ml



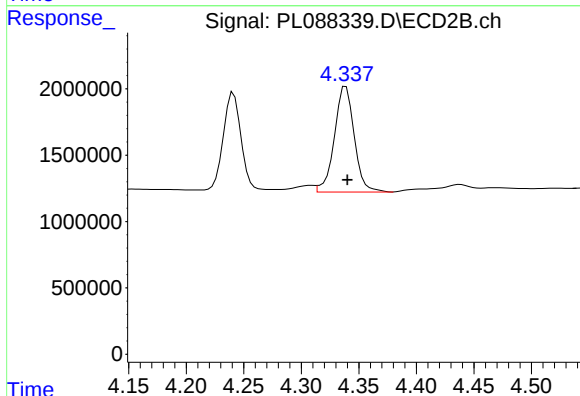
#5 Aldrin

R.T.: 5.386 min
Delta R.T.: 0.000 min
Response: 19221505
Conc: 5.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

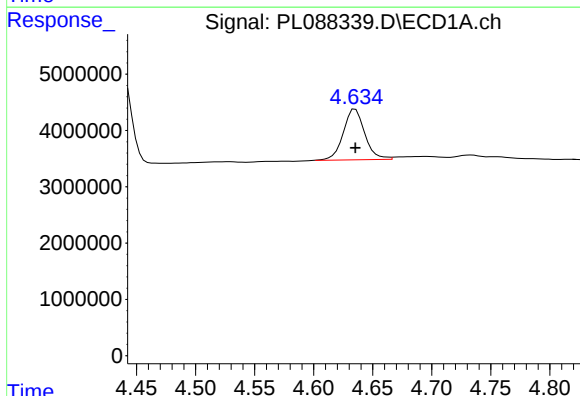
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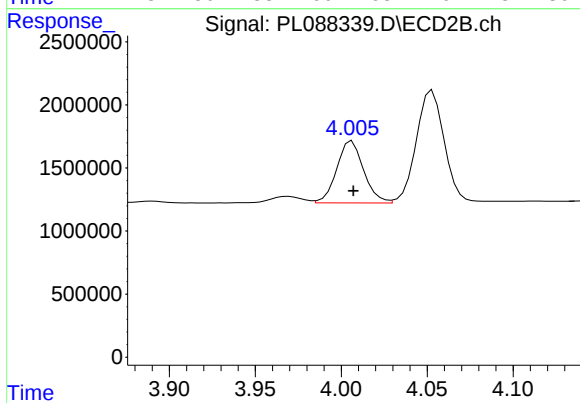
#5 Aldrin

R.T.: 4.339 min
Delta R.T.: -0.001 min
Response: 9569436
Conc: 4.93 ng/ml



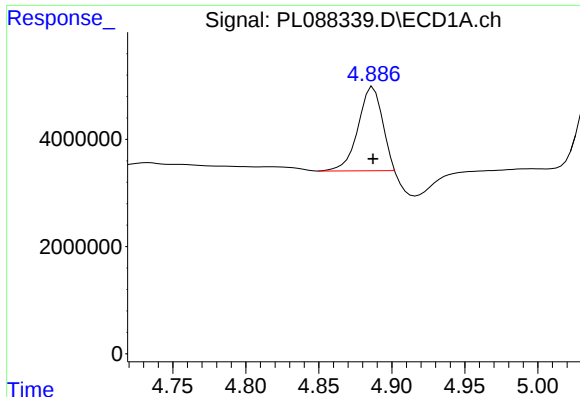
#6 beta-BHC

R.T.: 4.635 min
Delta R.T.: 0.000 min
Response: 11396438
Conc: 6.54 ng/ml



#6 beta-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 5361749
Conc: 6.02 ng/ml



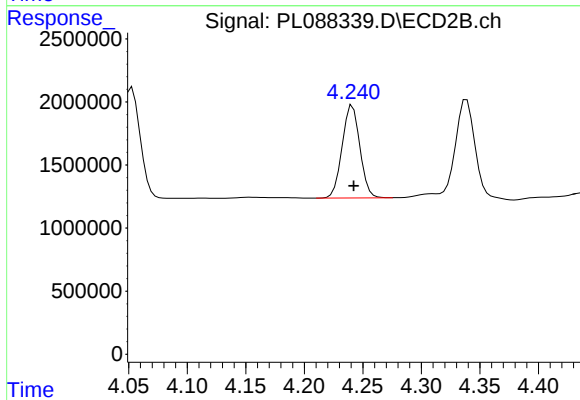
#7 delta-BHC

R.T.: 4.886 min
Delta R.T.: -0.001 min
Response: 18058868
Conc: 4.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

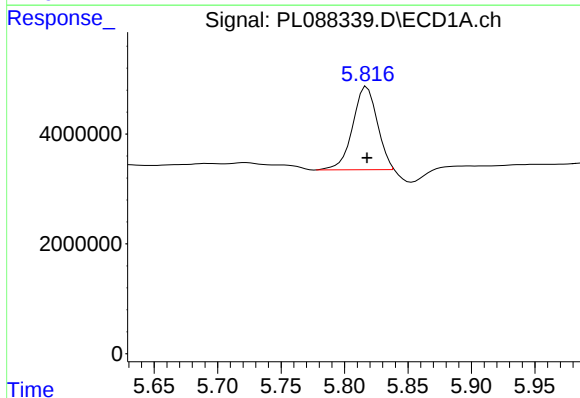
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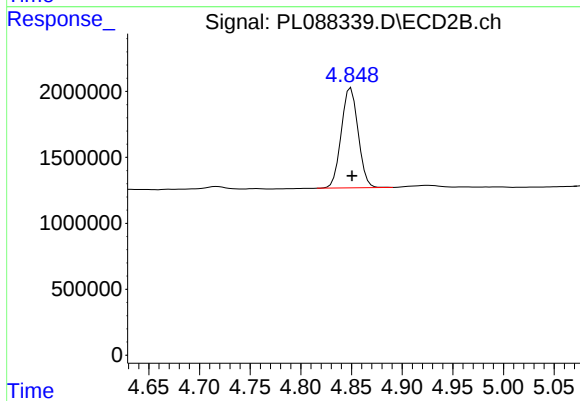
#7 delta-BHC

R.T.: 4.240 min
Delta R.T.: -0.002 min
Response: 7738966
Conc: 3.88 ng/ml m



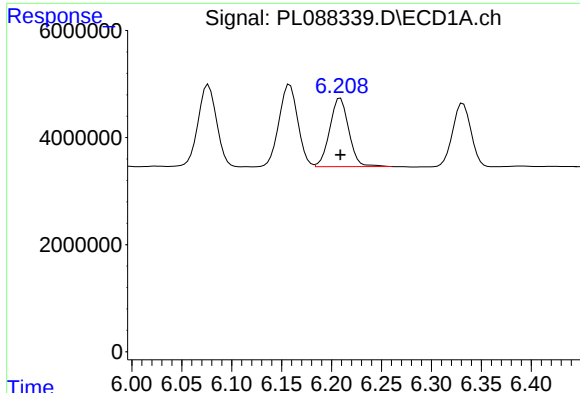
#8 Heptachlor epoxide

R.T.: 5.816 min
Delta R.T.: -0.002 min
Response: 20364613
Conc: 5.81 ng/ml m



#8 Heptachlor epoxide

R.T.: 4.849 min
Delta R.T.: -0.001 min
Response: 8754296
Conc: 5.05 ng/ml



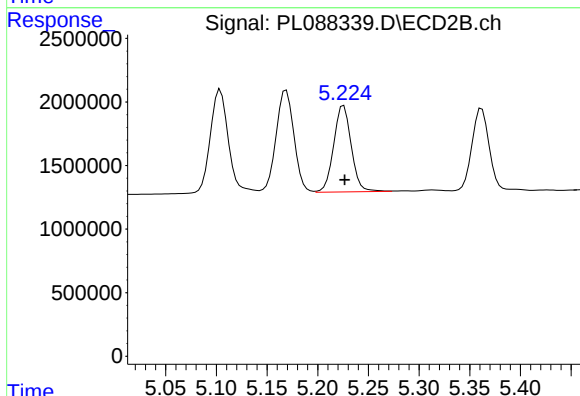
#9 Endosulfan I

R.T.: 6.209 min
Delta R.T.: 0.000 min
Response: 16952194
Conc: 5.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

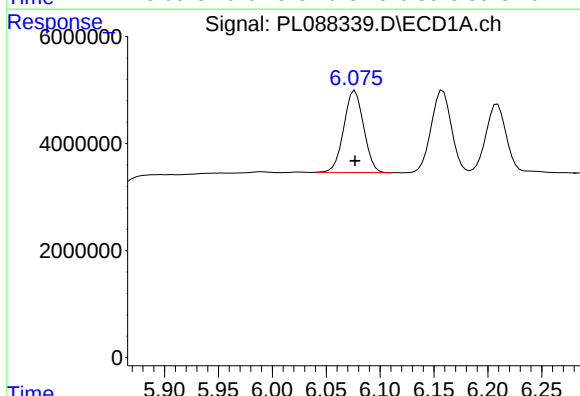
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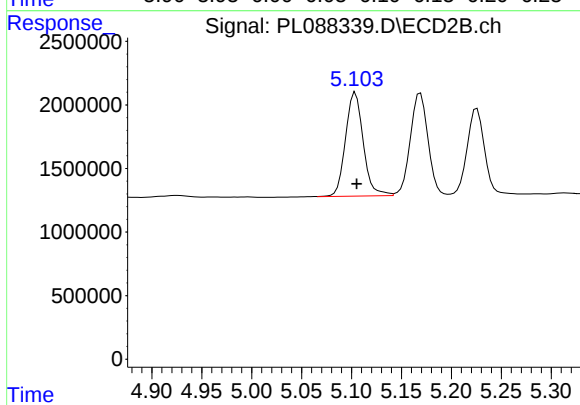
#9 Endosulfan I

R.T.: 5.226 min
Delta R.T.: 0.000 min
Response: 8222200
Conc: 5.11 ng/ml



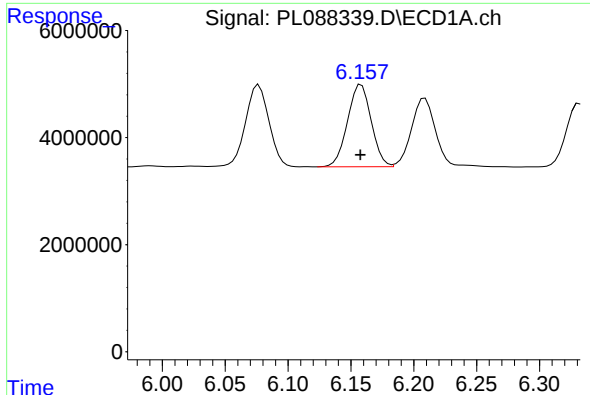
#10 gamma-Chlordane

R.T.: 6.077 min
Delta R.T.: 0.000 min
Response: 19656630
Conc: 5.78 ng/ml



#10 gamma-Chlordane

R.T.: 5.103 min
Delta R.T.: -0.003 min
Response: 10125378
Conc: 5.68 ng/ml m



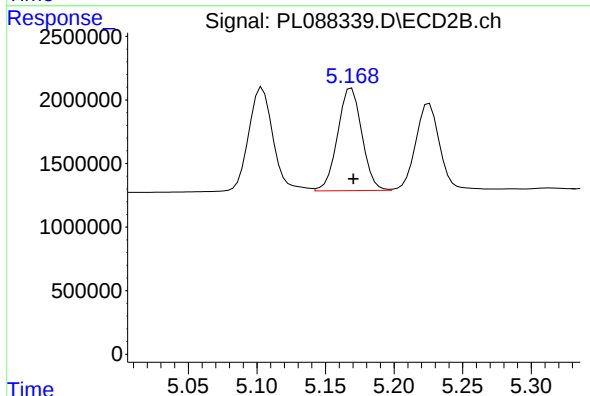
#11 alpha-Chlordane

R.T.: 6.158 min
Delta R.T.: 0.000 min
Response: 20147677
Conc: 5.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

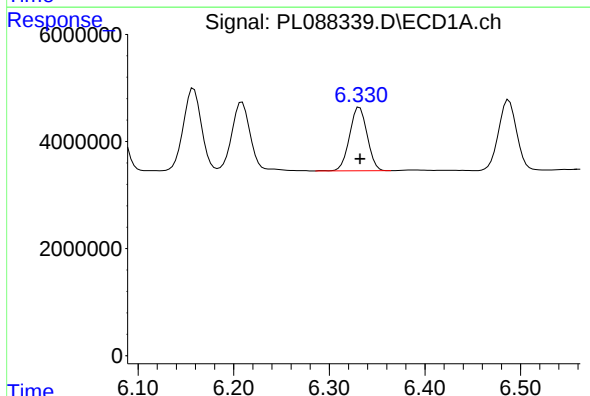
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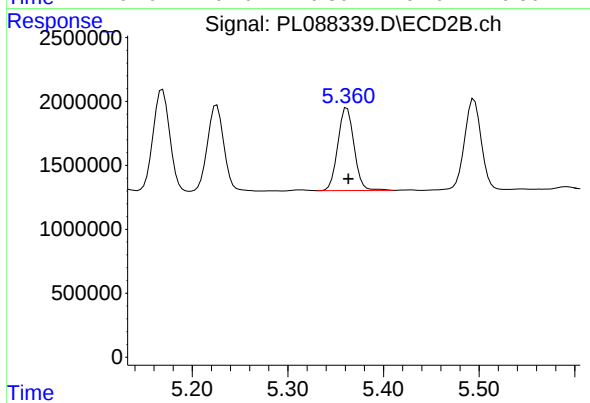
#11 alpha-Chlordane

R.T.: 5.169 min
Delta R.T.: -0.001 min
Response: 9939133
Conc: 5.58 ng/ml



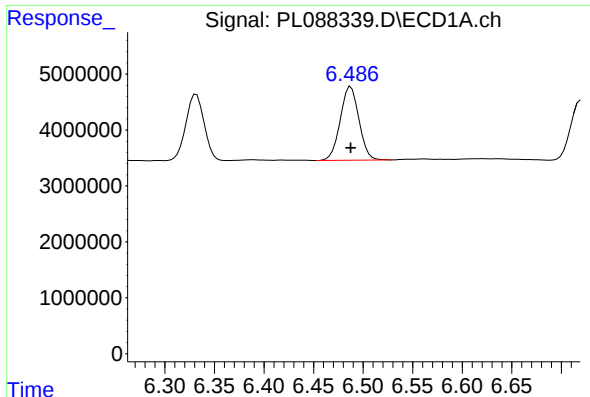
#12 4,4'-DDE

R.T.: 6.332 min
Delta R.T.: 0.000 min
Response: 15226180
Conc: 5.02 ng/ml



#12 4,4'-DDE

R.T.: 5.362 min
Delta R.T.: -0.001 min
Response: 7653429
Conc: 4.82 ng/ml



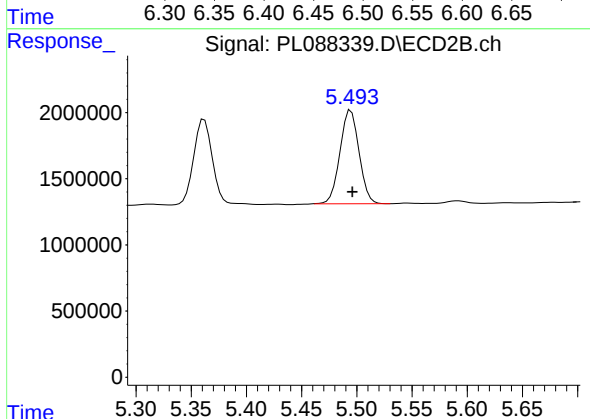
#13 Dieldrin

R.T.: 6.488 min
Delta R.T.: 0.000 min
Response: 17271346
Conc: 5.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

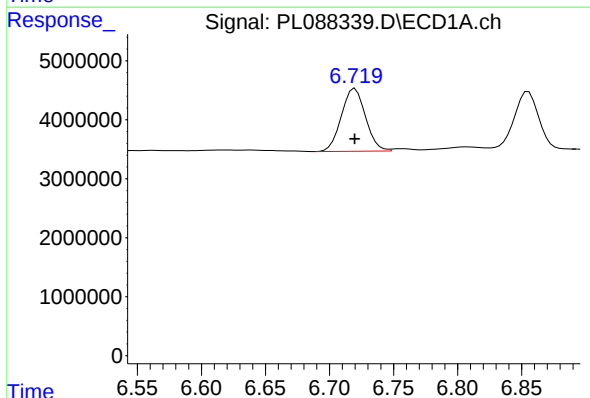
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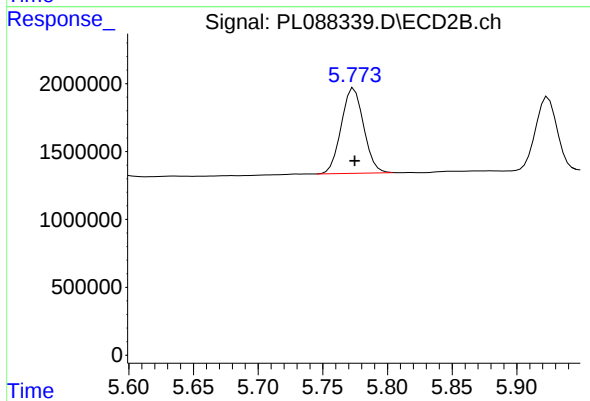
#13 Dieldrin

R.T.: 5.495 min
Delta R.T.: -0.001 min
Response: 8502397
Conc: 4.93 ng/ml



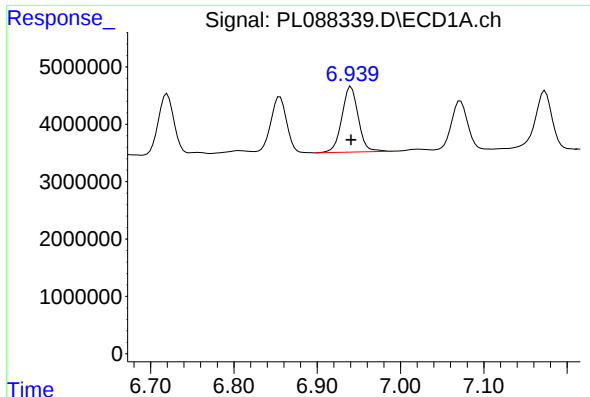
#14 Endrin

R.T.: 6.720 min
Delta R.T.: 0.000 min
Response: 13923736
Conc: 5.35 ng/ml



#14 Endrin

R.T.: 5.773 min
Delta R.T.: -0.002 min
Response: 7550526
Conc: 5.05 ng/ml m



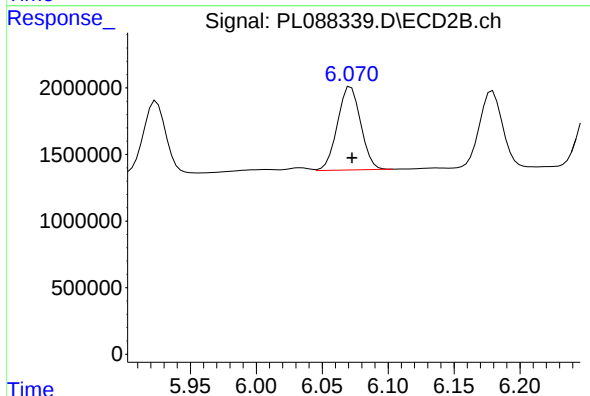
#15 Endosulfan II

R.T.: 6.941 min
Delta R.T.: 0.000 min
Response: 15579917
Conc: 5.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
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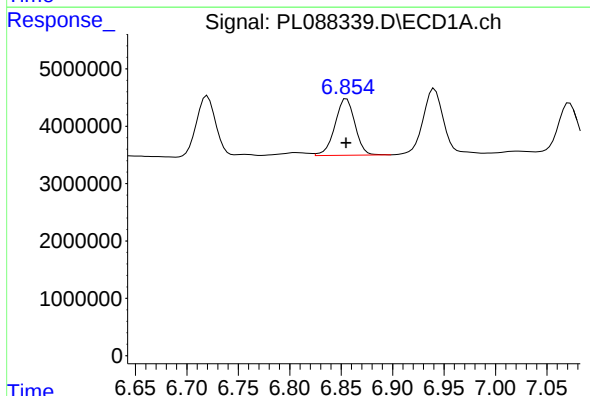
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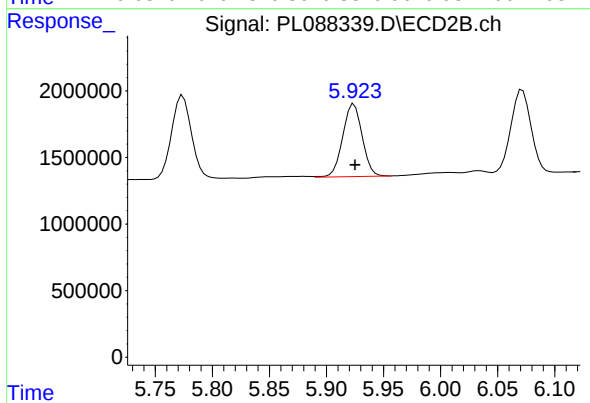
#15 Endosulfan II

R.T.: 6.072 min
Delta R.T.: 0.000 min
Response: 7669580
Conc: 5.03 ng/ml



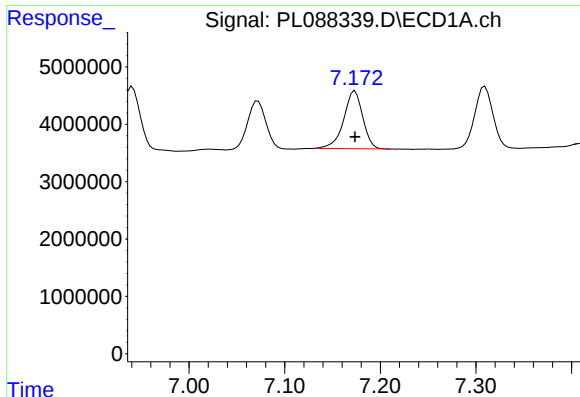
#16 4,4'-DDD

R.T.: 6.855 min
Delta R.T.: 0.000 min
Response: 13302670
Conc: 5.13 ng/ml



#16 4,4'-DDD

R.T.: 5.924 min
Delta R.T.: 0.000 min
Response: 6452690
Conc: 4.72 ng/ml



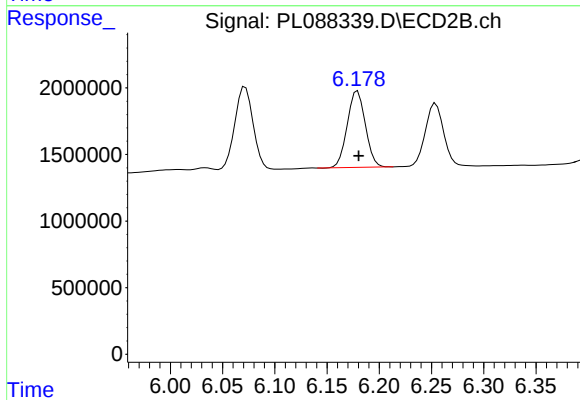
#17 4,4'-DDT

R.T.: 7.173 min
Delta R.T.: 0.000 min
Response: 14032988
Conc: 5.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

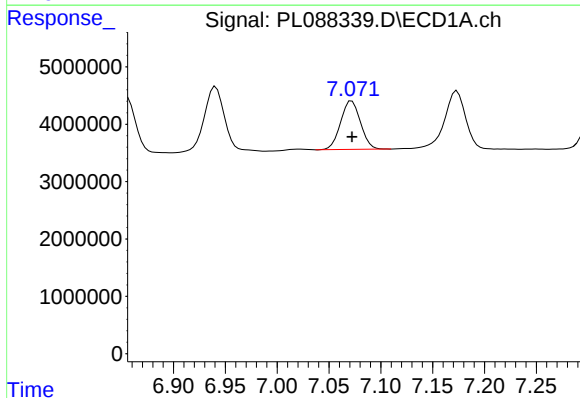
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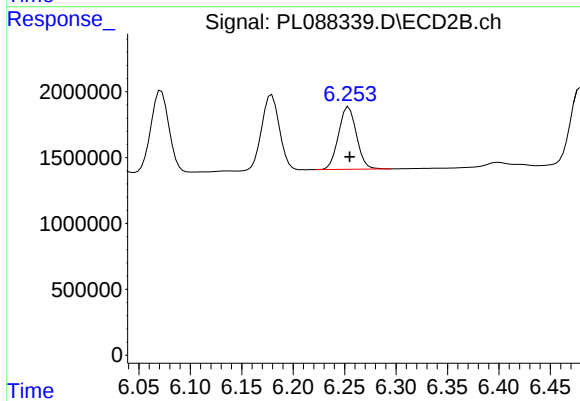
#17 4,4'-DDT

R.T.: 6.179 min
Delta R.T.: -0.001 min
Response: 6917126
Conc: 5.07 ng/ml



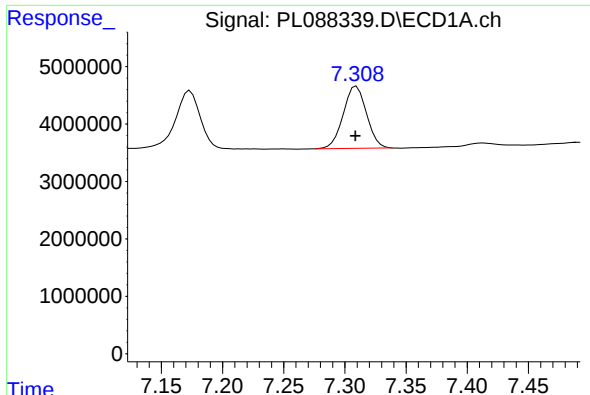
#18 Endrin aldehyde

R.T.: 7.072 min
Delta R.T.: 0.000 min
Response: 11288136
Conc: 5.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.254 min
Delta R.T.: 0.000 min
Response: 5760534
Conc: 5.27 ng/ml



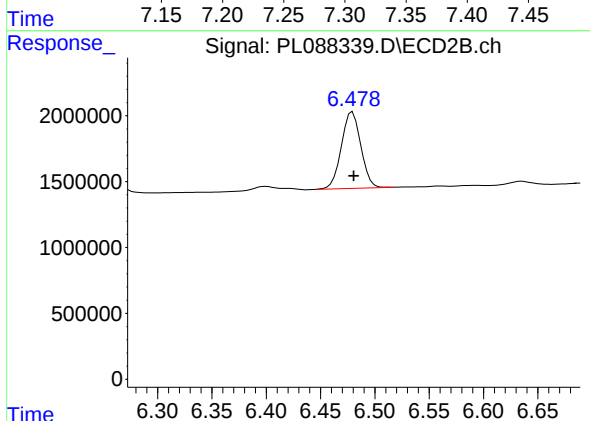
#19 Endosulfan Sulfate

R.T.: 7.309 min
Delta R.T.: 0.000 min
Response: 14367166
Conc: 5.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

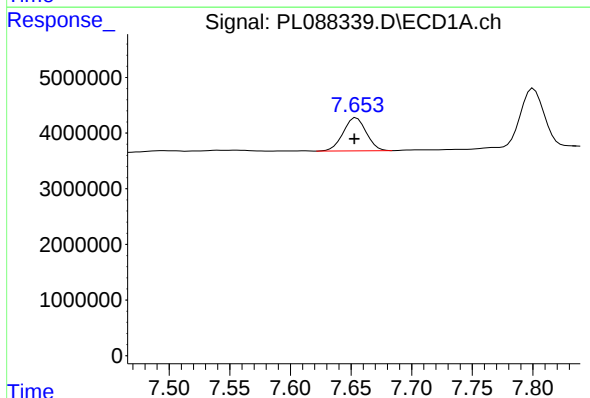
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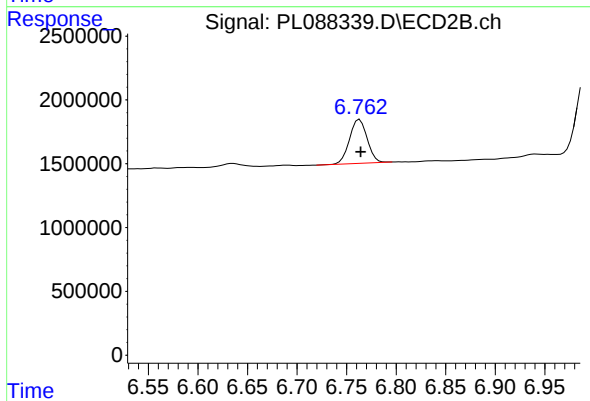
#19 Endosulfan Sulfate

R.T.: 6.479 min
Delta R.T.: -0.001 min
Response: 7238127
Conc: 5.15 ng/ml



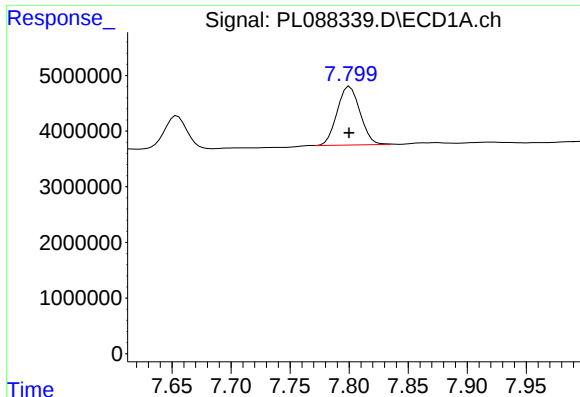
#20 Methoxychlor

R.T.: 7.654 min
Delta R.T.: 0.002 min
Response: 7912610
Conc: 5.98 ng/ml



#20 Methoxychlor

R.T.: 6.763 min
Delta R.T.: 0.000 min
Response: 4276092
Conc: 5.46 ng/ml



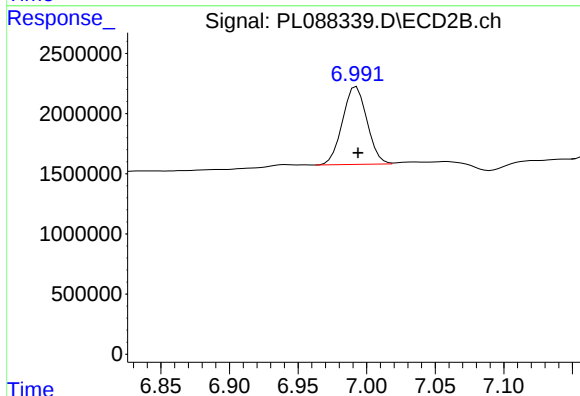
#21 Endrin ketone

R.T.: 7.799 min
Delta R.T.: 0.000 min
Response: 14190421
Conc: 5.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
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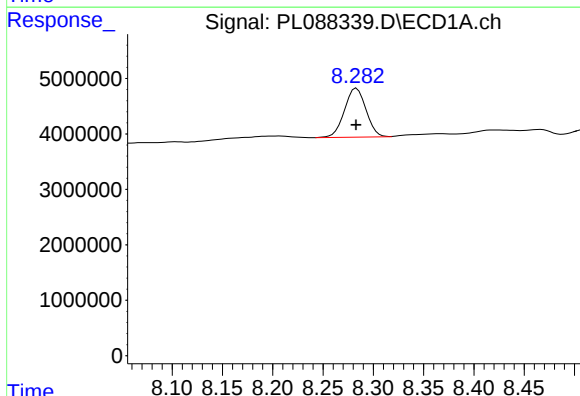
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/29/2024
Supervised By :Ankita Jodhani 02/29/2024



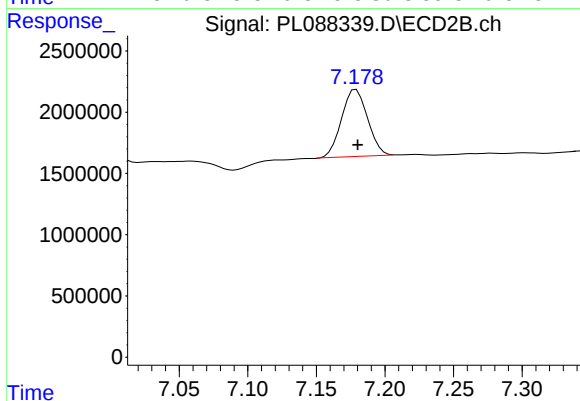
#21 Endrin ketone

R.T.: 6.991 min
Delta R.T.: -0.003 min
Response: 8036976
Conc: 4.80 ng/ml m



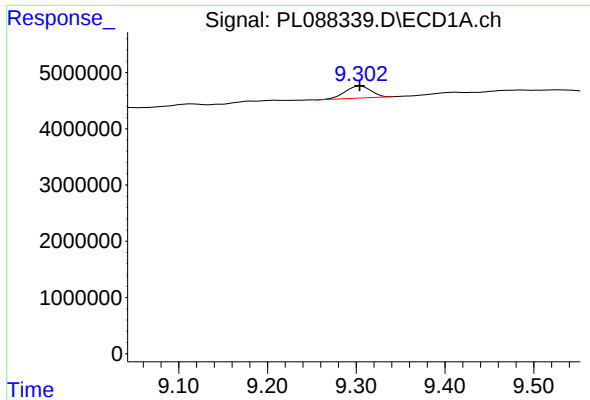
#22 Mirex

R.T.: 8.282 min
Delta R.T.: 0.000 min
Response: 13163872
Conc: 5.68 ng/ml m



#22 Mirex

R.T.: 7.178 min
Delta R.T.: -0.003 min
Response: 7228125
Conc: 5.52 ng/ml m



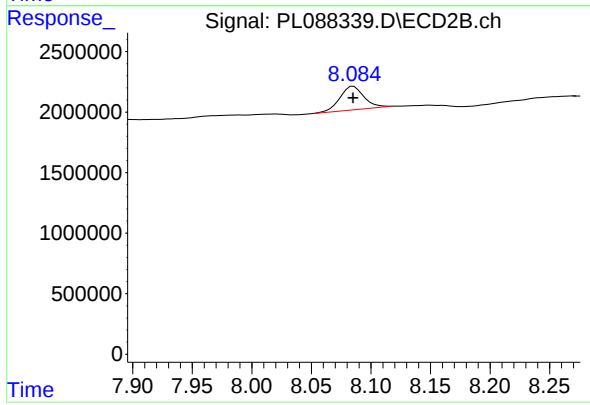
#28 Decachlorobiphenyl

R.T.: 9.305 min
Delta R.T.: 0.000 min
Response: 4325843
Conc: 2.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SU-02-02272024MSD

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#28 Decachlorobiphenyl

R.T.: 8.085 min
Delta R.T.: 0.000 min
Response: 2696559
Conc: 2.12 ng/ml