

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
 Data File : PL080373.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2023 15:01
 Operator : AR\AJ
 Sample : 01172-01MS 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 TP-FMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/18/2023
 Supervised By : Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 17 20:46:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 12 01:47:41 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...	3.352	2.690	4098430	4125866	2.052	1.845
2) SA Decachlor...	8.792	7.841	3177088	3466403	2.153	1.542 #
Target Compounds						
2) A alpha-BHC	3.800	3.191	16292556	15963220	5.641	4.983
3) MA gamma-BHC...	4.129	3.520	15709445	15571386	5.877	5.158
4) MA Heptachlor	4.713	3.862	19506838	20242477	7.494	6.287
5) MB Aldrin	5.051	4.141	14947027	15475461	6.288	5.201
6) B beta-BHC	4.325	3.817	8132170	8144932	6.880	6.052
7) B delta-BHC	4.568	4.046	17362545	13745102	6.646	4.756 #
8) B Heptachlo...	5.476	4.644	14602552	13948813	6.577	4.975
9) A Endosulfan I	5.857	5.014	11132394	12333536	5.495	4.718
10) B gamma-Chl...	5.730	4.895	17597979	18570659	8.039	6.500
11) B alpha-Chl...	5.810	4.959	14626921	15459873	6.742	5.404
12) B 4,4'-DDE	5.987	5.152	10526400	11136649	5.427	4.743
13) MA Dieldrin	6.132	5.279	12773438	13718322	6.216	5.033
14) MA Endrin	6.359	5.553	10755409	11368307	5.864	4.778
15) B Endosulfa...	6.577	5.846	10767344	11892248	5.582	4.903m
16) A 4,4'-DDD	6.501	5.706	9454281	8609968	5.974	4.646
17) MA 4,4'-DDT	6.814	5.958	8821397	8673196	5.002	4.116
18) B Endrin al...	6.708	6.027	9367615	9094631	6.493	4.995
19) B Endosulfa...	6.942	6.251	10311215	10990245	5.916	4.734
20) A Methoxychlor	7.292	6.537	5388472	6079784	6.048	5.058
21) B Endrin ke...	7.422	6.756	9833648	10323214	5.278	4.100
22) Mirex	7.894	6.940	9619475	10699049	6.800	4.753 #

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011723\
Data File : PL080373.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Jan 2023 15:01
Operator : AR\AJ
Sample : 01172-01MS 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

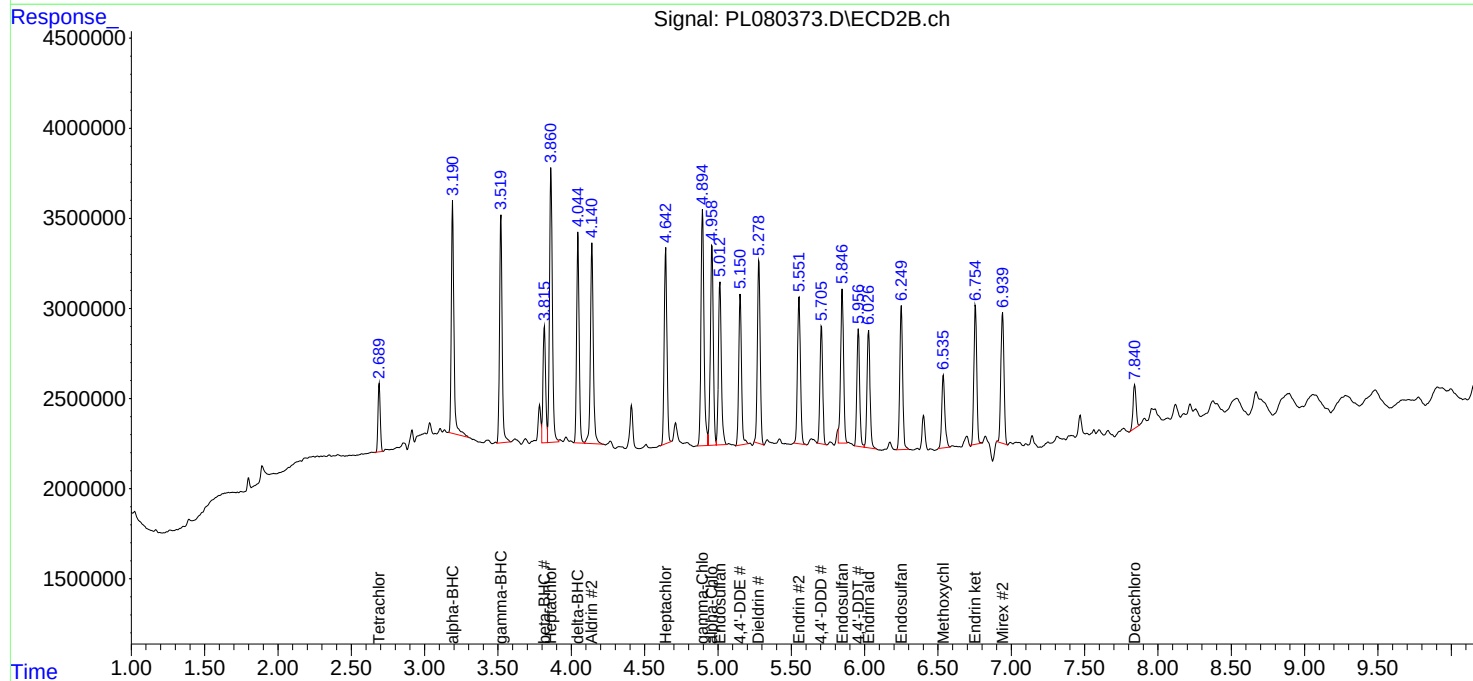
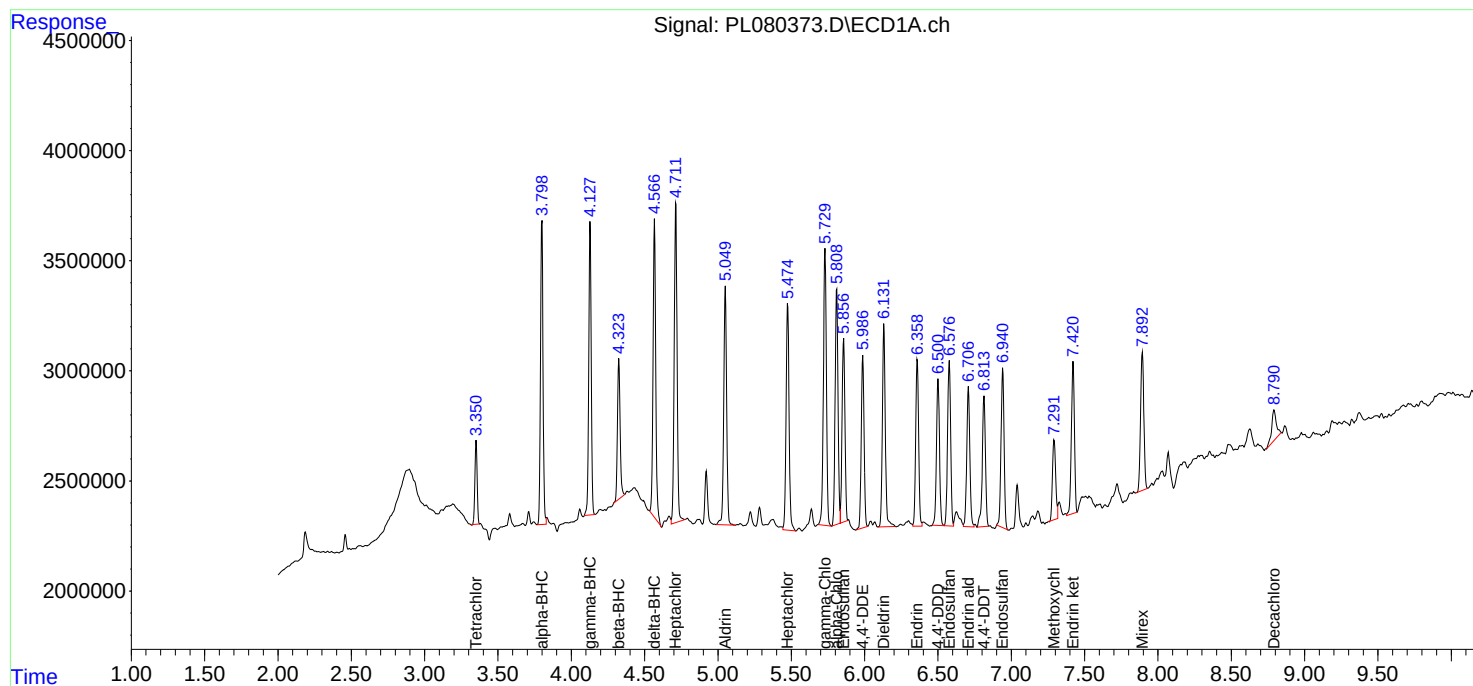
Instrument :
ECD_L
ClientSampleId :
TP-FMS

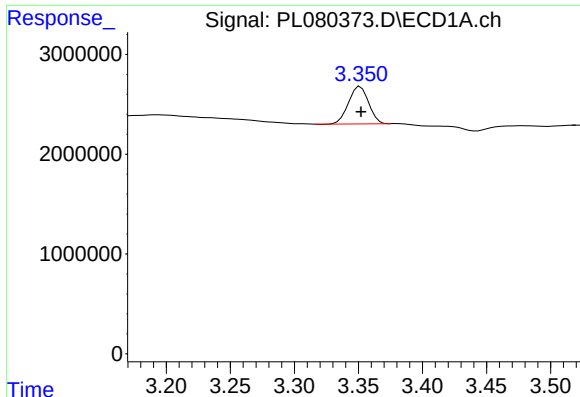
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jan 17 20:46:25 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011223.M
Quant Title : GC Extractables
QLast Update : Thu Jan 12 01:47:41 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





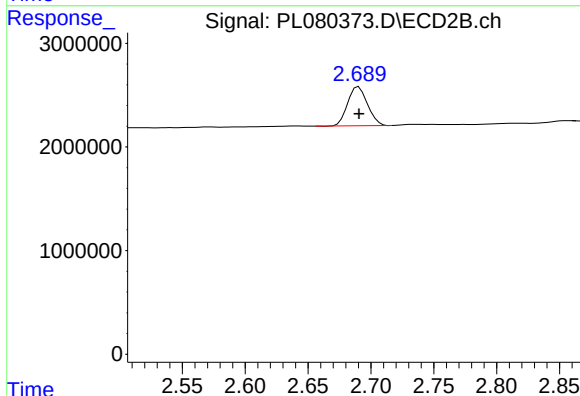
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 4098430
Conc: 2.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

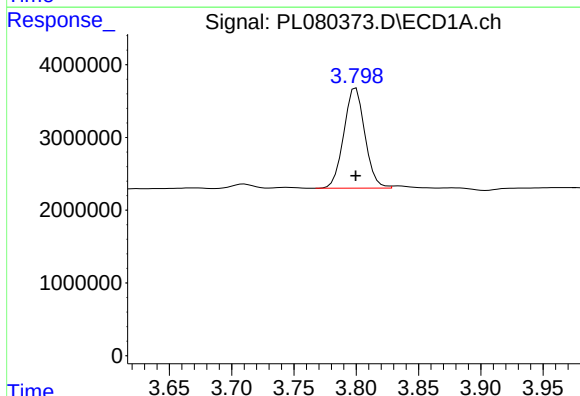
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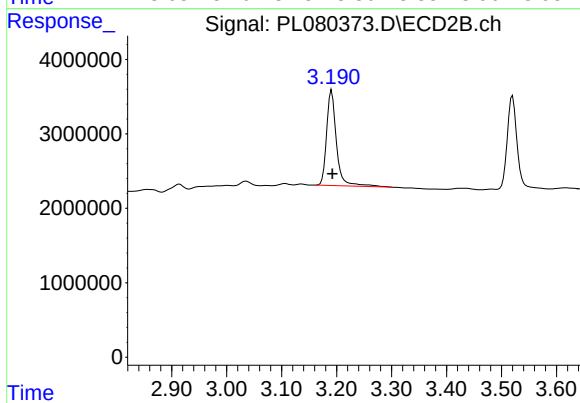
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 4125866
Conc: 1.84 ng/ml



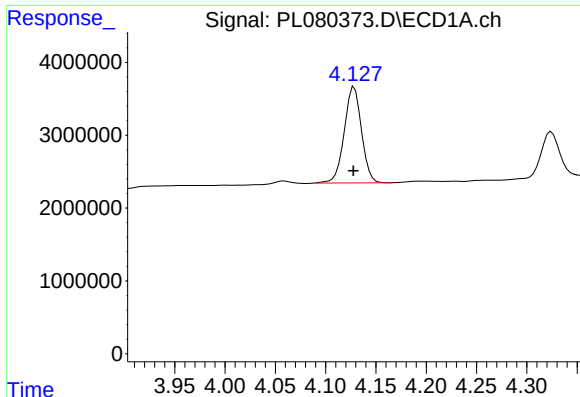
#2 alpha-BHC

R.T.: 3.800 min
Delta R.T.: 0.000 min
Response: 16292556
Conc: 5.64 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: -0.002 min
Response: 15963220
Conc: 4.98 ng/ml



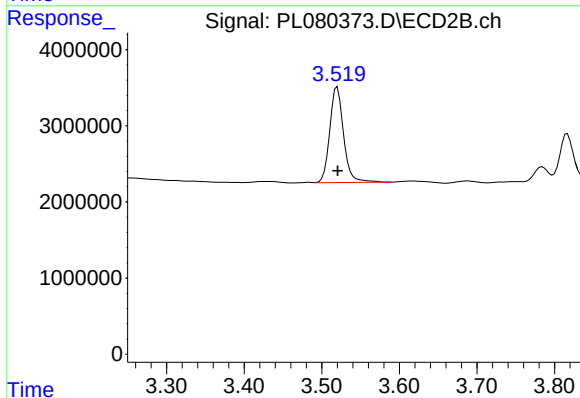
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 15709445
Conc: 5.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

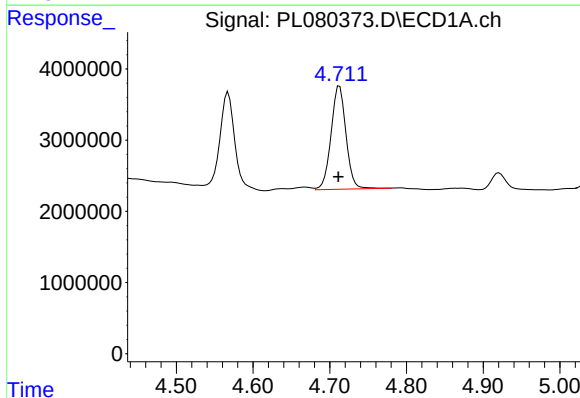
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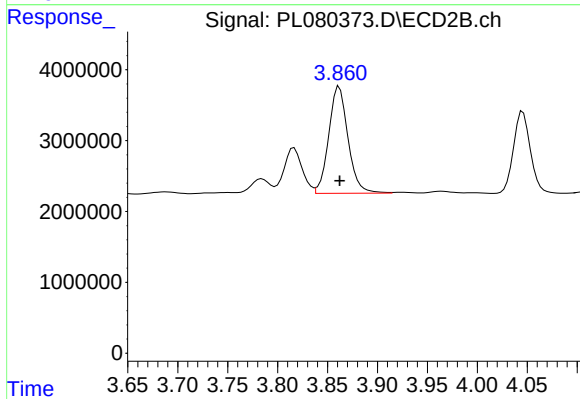
#3 gamma-BHC (Lindane)

R.T.: 3.520 min
Delta R.T.: 0.000 min
Response: 15571386
Conc: 5.16 ng/ml



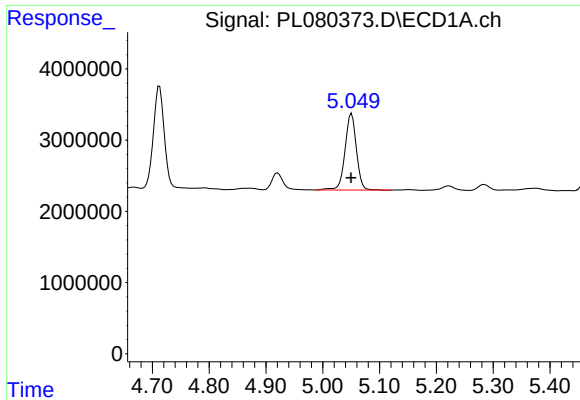
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.001 min
Response: 19506838
Conc: 7.49 ng/ml



#4 Heptachlor

R.T.: 3.862 min
Delta R.T.: 0.000 min
Response: 20242477
Conc: 6.29 ng/ml



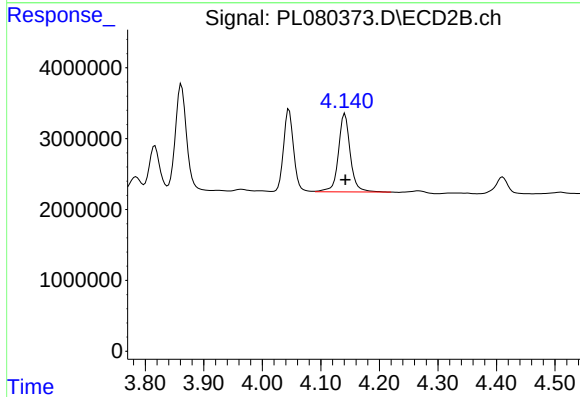
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 14947027
Conc: 6.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

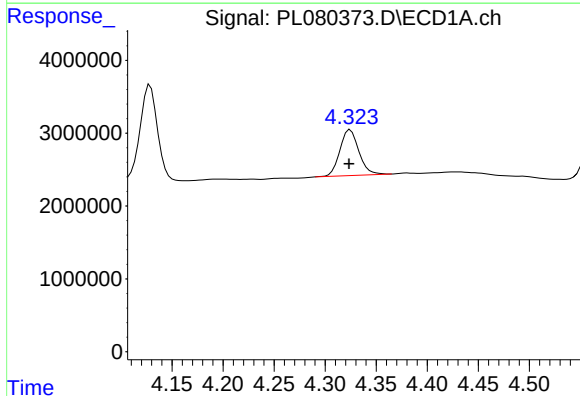
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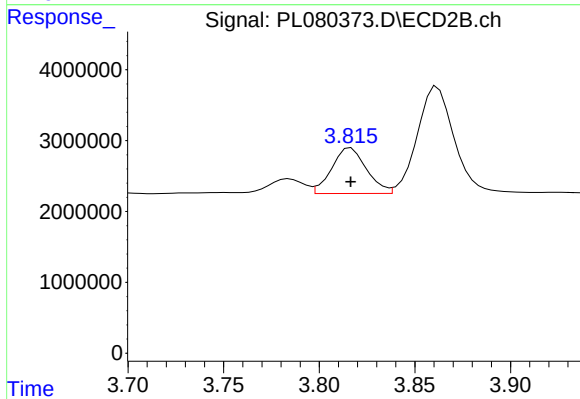
#5 Aldrin

R.T.: 4.141 min
Delta R.T.: 0.000 min
Response: 15475461
Conc: 5.20 ng/ml



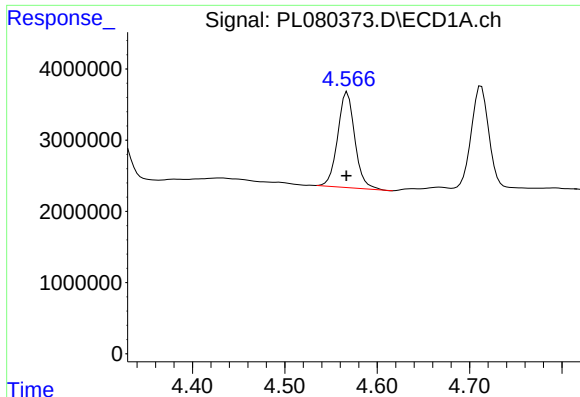
#6 beta-BHC

R.T.: 4.325 min
Delta R.T.: 0.001 min
Response: 8132170
Conc: 6.88 ng/ml



#6 beta-BHC

R.T.: 3.817 min
Delta R.T.: 0.000 min
Response: 8144932
Conc: 6.05 ng/ml



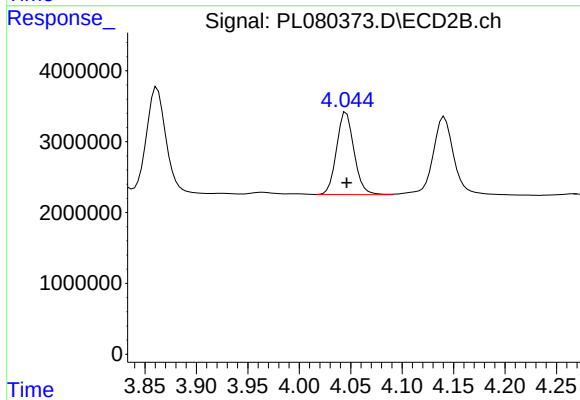
#7 delta-BHC

R.T.: 4.568 min
Delta R.T.: 0.001 min
Response: 17362545
Conc: 6.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

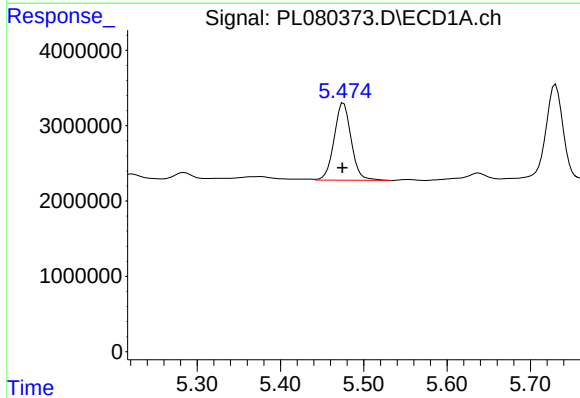
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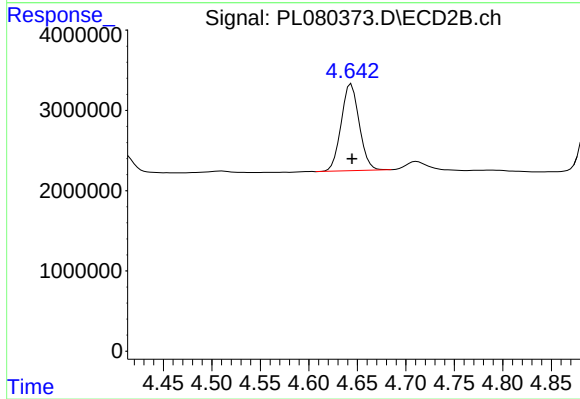
#7 delta-BHC

R.T.: 4.046 min
Delta R.T.: 0.000 min
Response: 13745102
Conc: 4.76 ng/ml



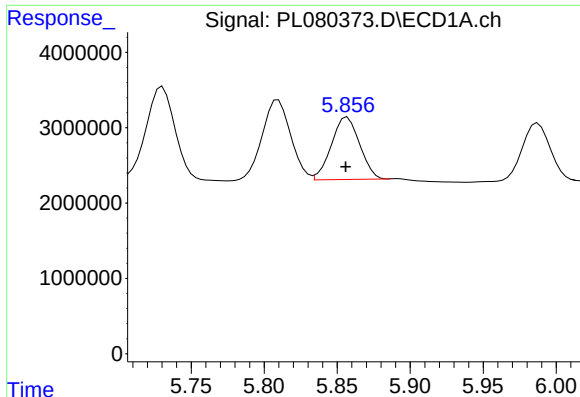
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.001 min
Response: 14602552
Conc: 6.58 ng/ml



#8 Heptachlor epoxide

R.T.: 4.644 min
Delta R.T.: 0.000 min
Response: 13948813
Conc: 4.97 ng/ml



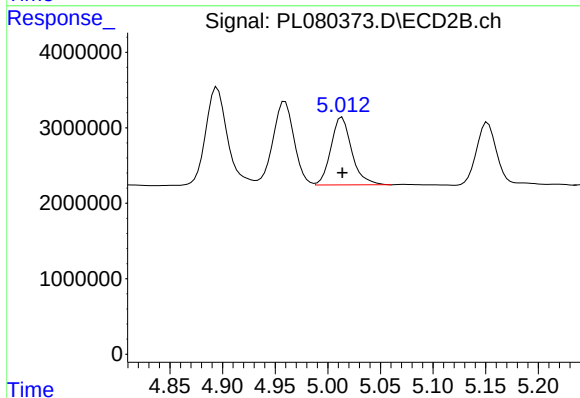
#9 Endosulfan I

R.T.: 5.857 min
Delta R.T.: 0.001 min
Response: 11132394
Conc: 5.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

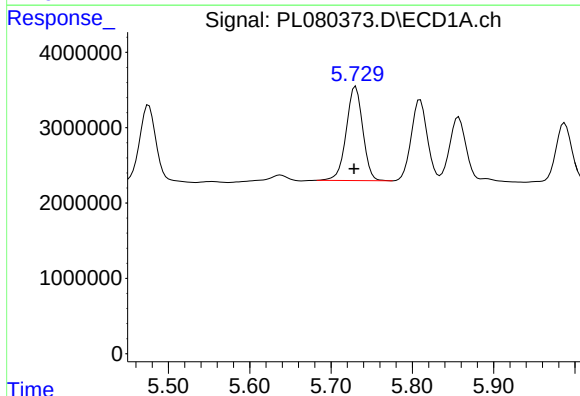
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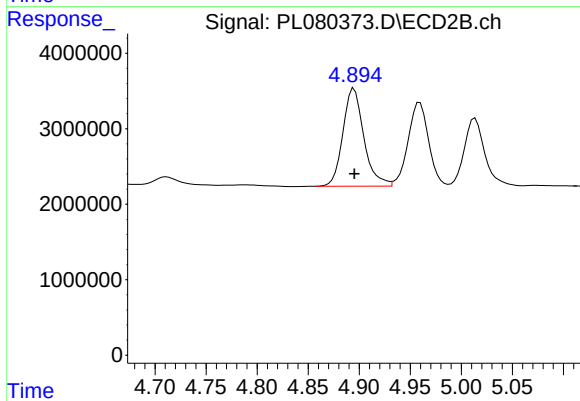
#9 Endosulfan I

R.T.: 5.014 min
Delta R.T.: 0.000 min
Response: 12333536
Conc: 4.72 ng/ml



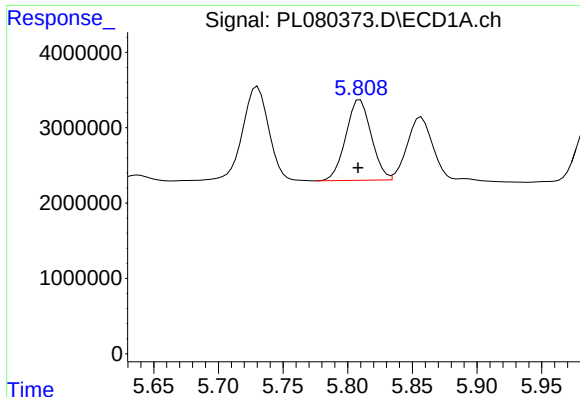
#10 gamma-Chlordane

R.T.: 5.730 min
Delta R.T.: 0.002 min
Response: 17597979
Conc: 8.04 ng/ml



#10 gamma-Chlordane

R.T.: 4.895 min
Delta R.T.: 0.000 min
Response: 18570659
Conc: 6.50 ng/ml



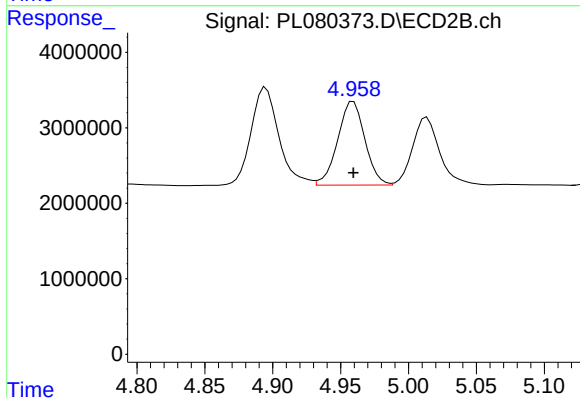
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: 0.002 min
Response: 14626921
Conc: 6.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

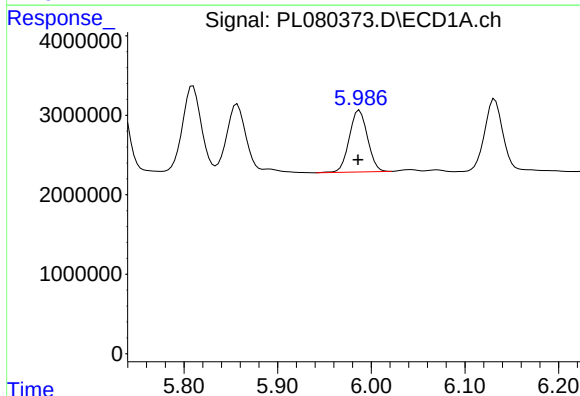
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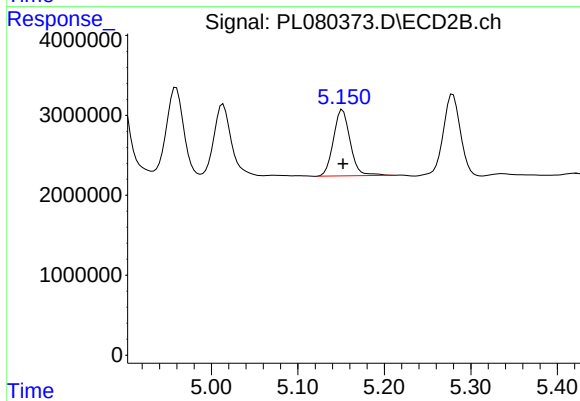
#11 alpha-Chlordane

R.T.: 4.959 min
Delta R.T.: 0.000 min
Response: 15459873
Conc: 5.40 ng/ml



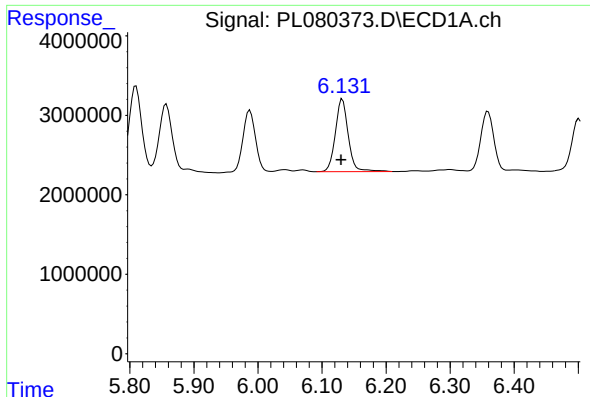
#12 4,4'-DDE

R.T.: 5.987 min
Delta R.T.: 0.001 min
Response: 10526400
Conc: 5.43 ng/ml



#12 4,4'-DDE

R.T.: 5.152 min
Delta R.T.: 0.000 min
Response: 11136649
Conc: 4.74 ng/ml



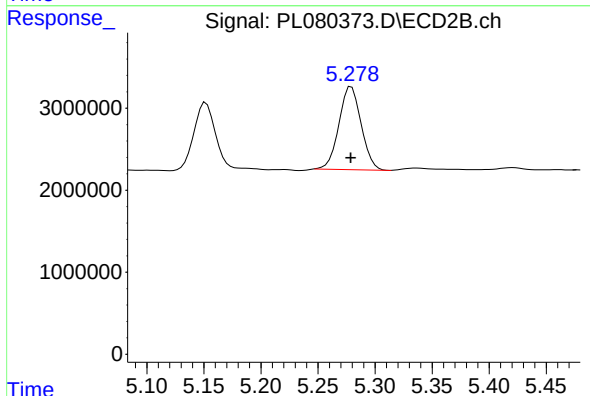
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: 0.002 min
Response: 12773438
Conc: 6.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

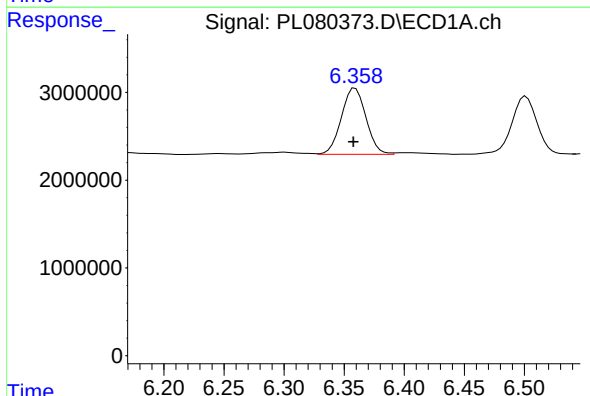
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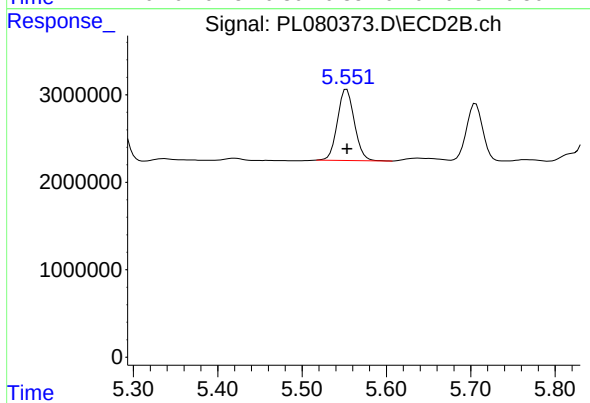
#13 Dieldrin

R.T.: 5.279 min
Delta R.T.: 0.000 min
Response: 13718322
Conc: 5.03 ng/ml



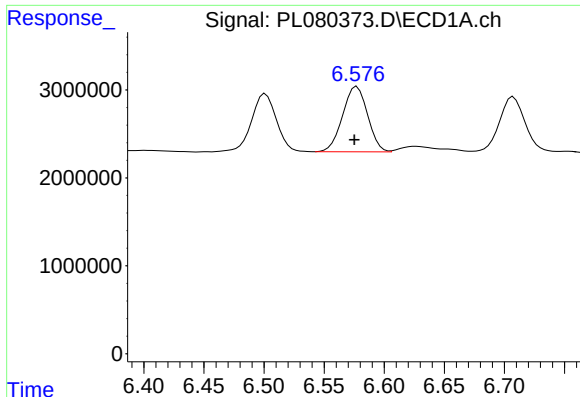
#14 Endrin

R.T.: 6.359 min
Delta R.T.: 0.002 min
Response: 10755409
Conc: 5.86 ng/ml



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 11368307
Conc: 4.78 ng/ml



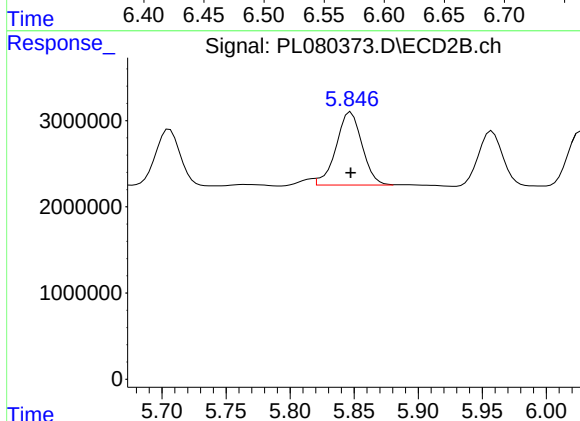
#15 Endosulfan II

R.T.: 6.577 min
Delta R.T.: 0.002 min
Response: 10767344
Conc: 5.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

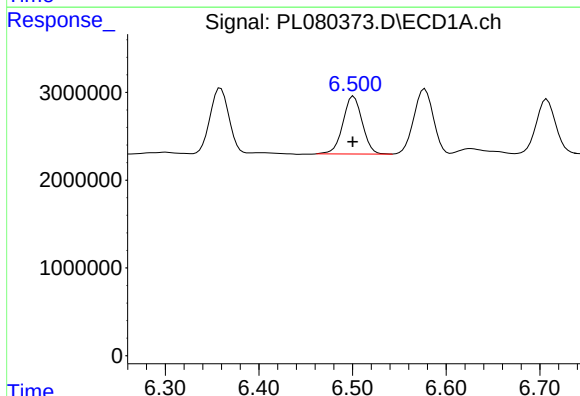
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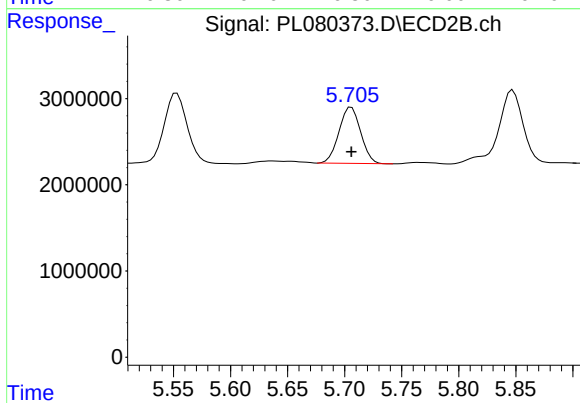
#15 Endosulfan II

R.T.: 5.846 min
Delta R.T.: -0.001 min
Response: 11892248
Conc: 4.90 ng/ml m



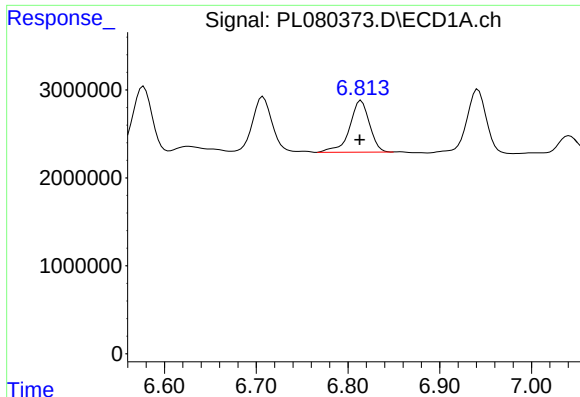
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: 0.001 min
Response: 9454281
Conc: 5.97 ng/ml



#16 4,4'-DDD

R.T.: 5.706 min
Delta R.T.: 0.000 min
Response: 8609968
Conc: 4.65 ng/ml



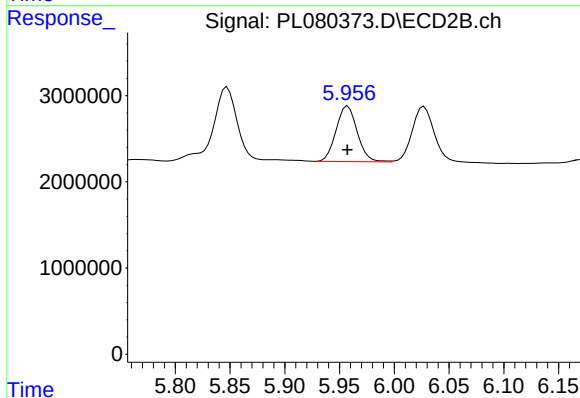
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: 0.002 min
Response: 8821397
Conc: 5.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

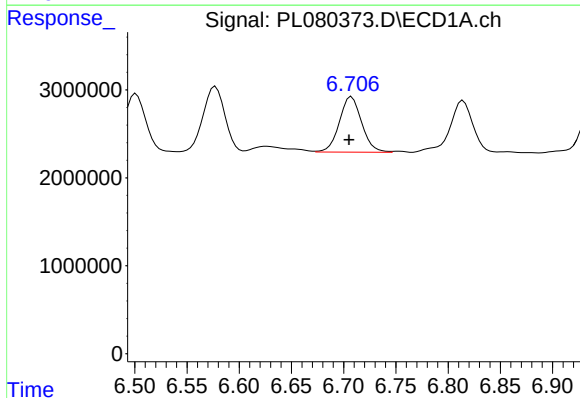
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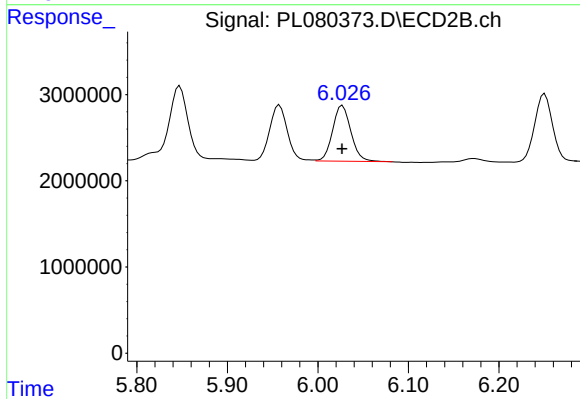
#17 4,4'-DDT

R.T.: 5.958 min
Delta R.T.: 0.000 min
Response: 8673196
Conc: 4.12 ng/ml



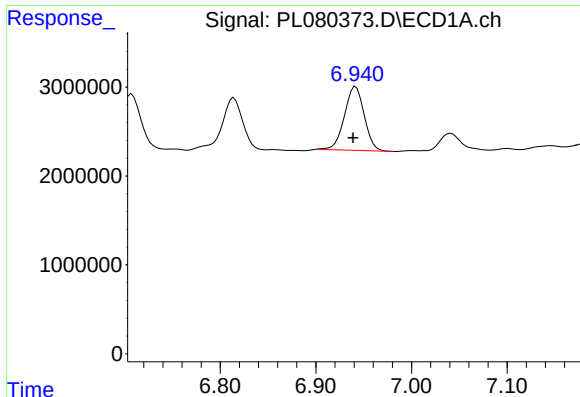
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: 0.002 min
Response: 9367615
Conc: 6.49 ng/ml



#18 Endrin aldehyde

R.T.: 6.027 min
Delta R.T.: 0.000 min
Response: 9094631
Conc: 5.00 ng/ml



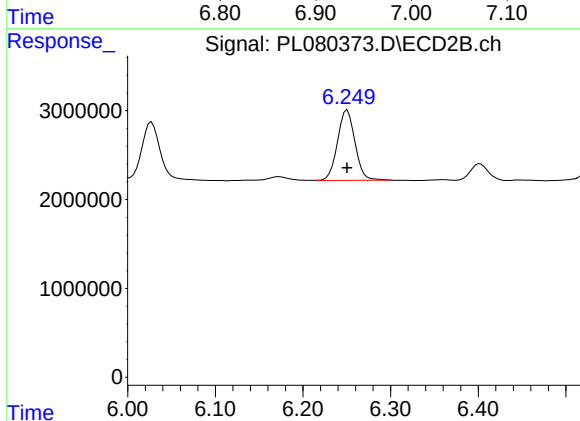
#19 Endosulfan Sulfate

R.T.: 6.942 min
Delta R.T.: 0.003 min
Response: 10311215
Conc: 5.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

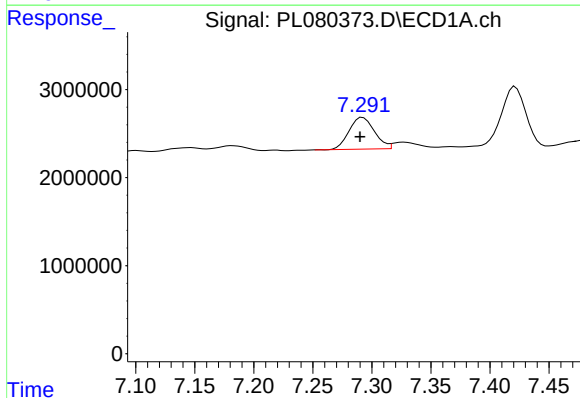
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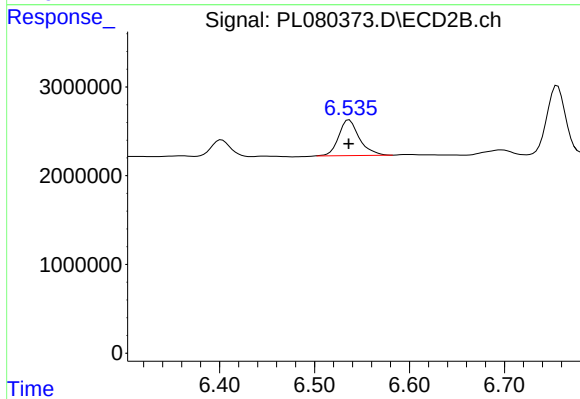
#19 Endosulfan Sulfate

R.T.: 6.251 min
Delta R.T.: 0.000 min
Response: 10990245
Conc: 4.73 ng/ml



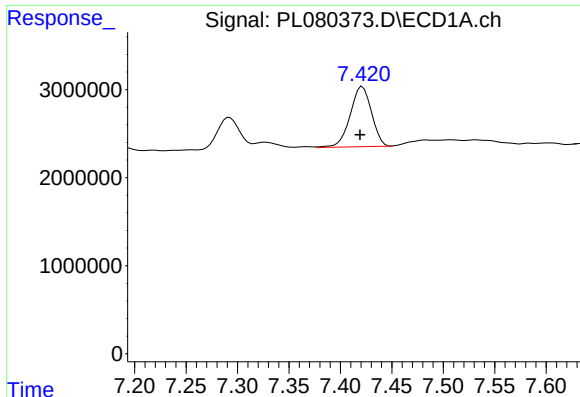
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: 0.002 min
Response: 5388472
Conc: 6.05 ng/ml



#20 Methoxychlor

R.T.: 6.537 min
Delta R.T.: 0.000 min
Response: 6079784
Conc: 5.06 ng/ml



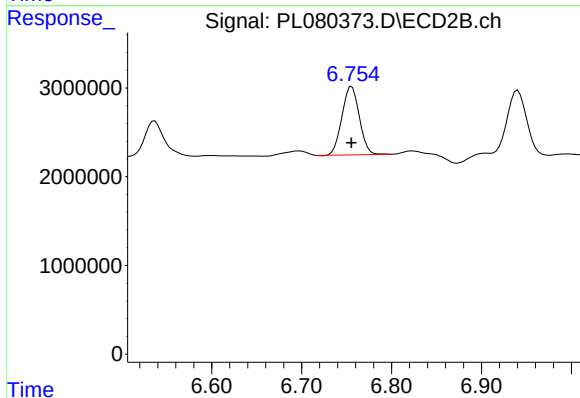
#21 Endrin ketone

R.T.: 7.422 min
Delta R.T.: 0.003 min
Response: 9833648
Conc: 5.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

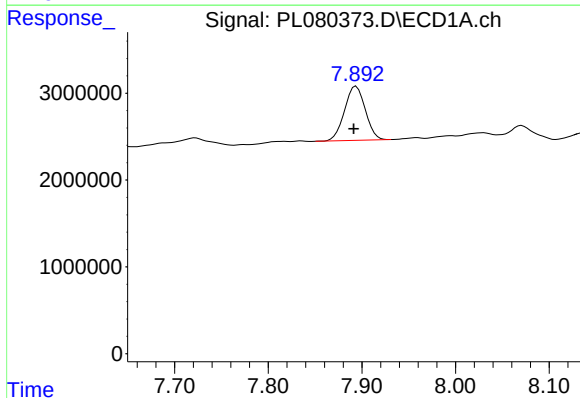
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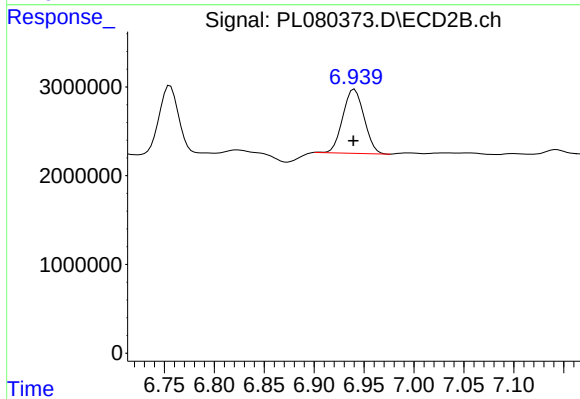
#21 Endrin ketone

R.T.: 6.756 min
Delta R.T.: 0.000 min
Response: 10323214
Conc: 4.10 ng/ml



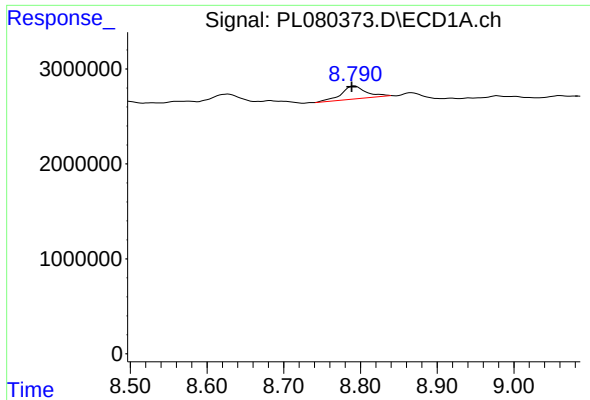
#22 Mirex

R.T.: 7.894 min
Delta R.T.: 0.003 min
Response: 9619475
Conc: 6.80 ng/ml



#22 Mirex

R.T.: 6.940 min
Delta R.T.: 0.000 min
Response: 10699049
Conc: 4.75 ng/ml



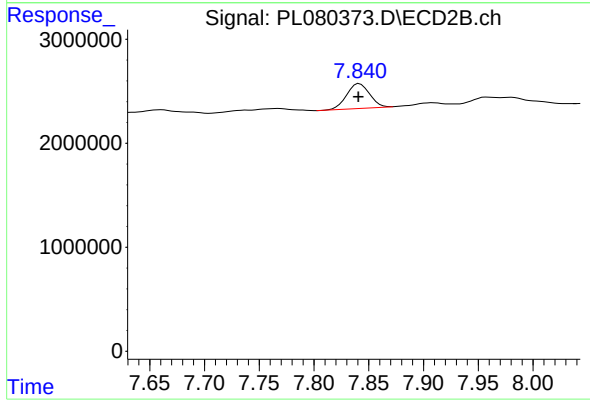
#28 Decachlorobiphenyl

R.T.: 8.792 min
Delta R.T.: 0.003 min
Response: 3177088
Conc: 2.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
TP-FMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 01/18/2023
Supervised By :Ankita Jodhani 01/18/2023



#28 Decachlorobiphenyl

R.T.: 7.841 min
Delta R.T.: 0.001 min
Response: 3466403
Conc: 1.54 ng/ml