

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
 Data File : PL082787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 May 2023 11:57
 Operator : AR\AJ
 Sample : 02811-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11995MS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2023
 Supervised By :Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 18 21:07:37 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 03:12:31 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...	3.318	2.640	18777014	26485369	7.029m	11.432 #
28) SA Decachlor...	8.733	7.747	28413230	28493016	14.883	12.483
Target Compounds						
2) A alpha-BHC	3.769	3.138	101.6E6	84156227	25.522	24.727
3) MA gamma-BHC...	4.097	3.466	102.4E6	100.0E6	27.378	31.104
4) MA Heptachlor	4.675	3.796	90920695	91409238	24.883	26.703
5) MB Aldrin	5.011	4.072	87198536	101.8E6	26.443	32.334
6) B beta-BHC	4.300	3.767	38605842	47900389	22.636m	35.107 #
7) B delta-BHC	4.541	3.991	106.8E6	73168383	29.693	23.854
8) B Heptachlo...	5.437	4.573	79921221	70393768	26.201	24.435
9) A Endosulfan I	5.818	4.941	75991690	71933865	27.407	26.947
10) B gamma-Chl...	5.692	4.822	120.7E6	91146626	40.125	31.410
11) B alpha-Chl...	5.770	4.885	108.7E6	81335942	36.433	28.019
12) B 4,4'-DDE	5.948	5.075	82282417	66393518	32.369	28.880
13) MA Dieldrin	6.092	5.204	74275454	85379692	26.920	31.618
14) MA Endrin	6.320	5.479	80655802	76366675	33.266	31.222
15) B Endosulfa...	6.541	5.773	88804542	75570403	36.477	33.526m
16) A 4,4'-DDD	6.463	5.629	71959665	63236714	35.497	33.809
17) MA 4,4'-DDT	6.776	5.877	80599722	71393711	35.231	33.794
18) B Endrin al...	6.672	5.953	75970715	65116742	40.320	34.796
19) B Endosulfa...	6.906	6.175	74060583	87234624	31.229	37.054m
20) A Methoxychlor	7.255	6.455	29618783	37538863	24.271m	30.977m#
21) B Endrin ke...	7.383	6.679	114.6E6	77853811	47.864m	30.673m#
22) Mirex	7.846	6.850	99826639	63190163	51.028m	27.423m#

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051823\
Data File : PL082787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 May 2023 11:57
Operator : AR\AJ
Sample : 02811-01MS
Misc :
ALS Vial : 6 Sample Multiplier: 1

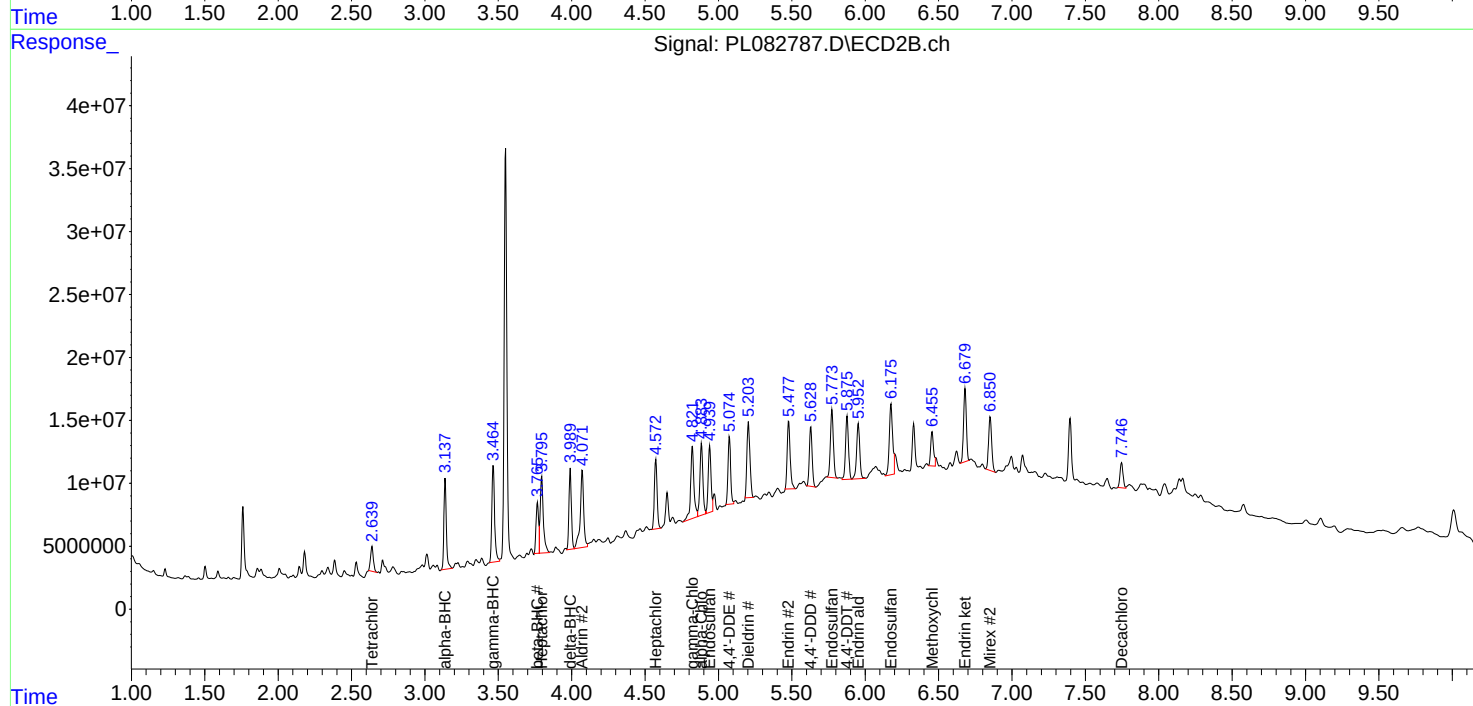
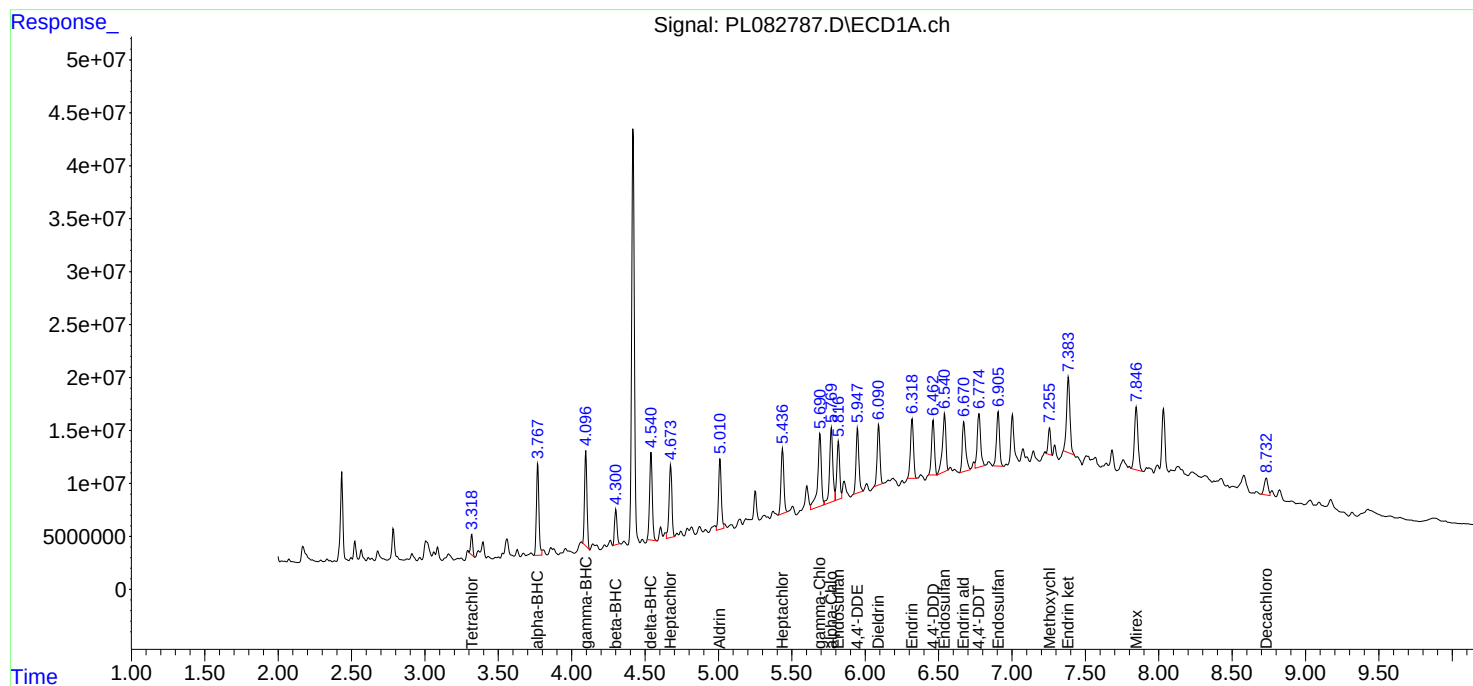
Instrument :
ECD_L
ClientSampleId :
72-11995MS

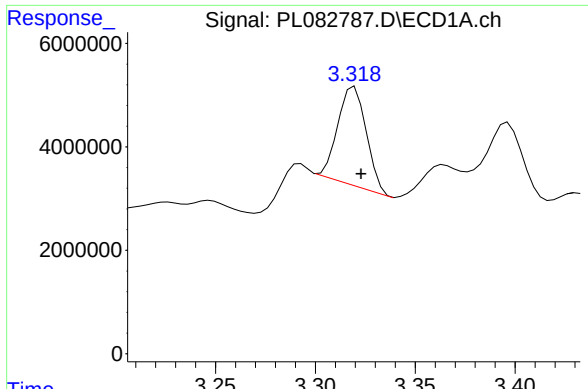
Manual Integrations
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Reviewed By : Abdul Mirza 05/19/2023
Supervised By : Ankita Jodhani 05/19/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 18 21:07:37 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL042023.M
Quant Title : GC Extractables
QLast Update : Fri Apr 21 03:12:31 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





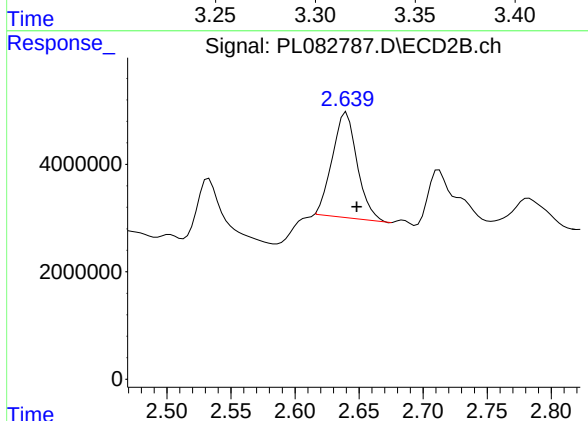
#1 Tetrachloro-m-xylene

R.T.: 3.318 min
Delta R.T.: -0.005 min
Response: 18777014
Conc: 7.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

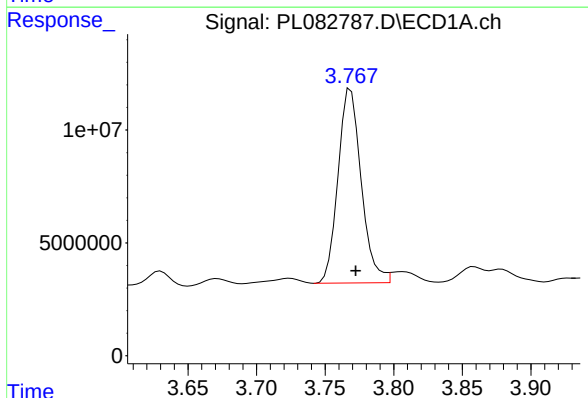
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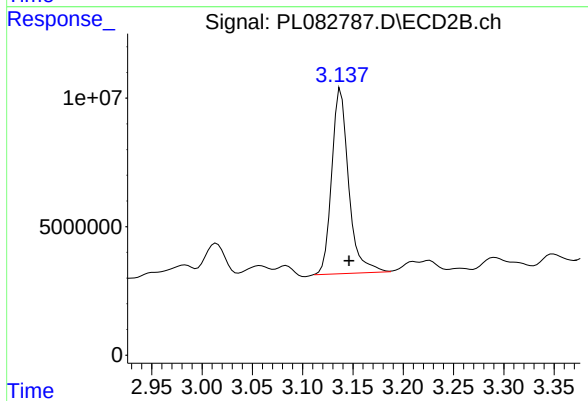
#1 Tetrachloro-m-xylene

R.T.: 2.640 min
Delta R.T.: -0.008 min
Response: 26485369
Conc: 11.43 ng/ml



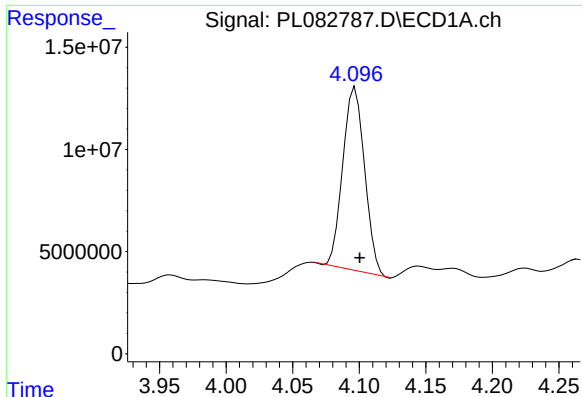
#2 alpha-BHC

R.T.: 3.769 min
Delta R.T.: -0.004 min
Response: 101584047
Conc: 25.52 ng/ml



#2 alpha-BHC

R.T.: 3.138 min
Delta R.T.: -0.008 min
Response: 84156227
Conc: 24.73 ng/ml



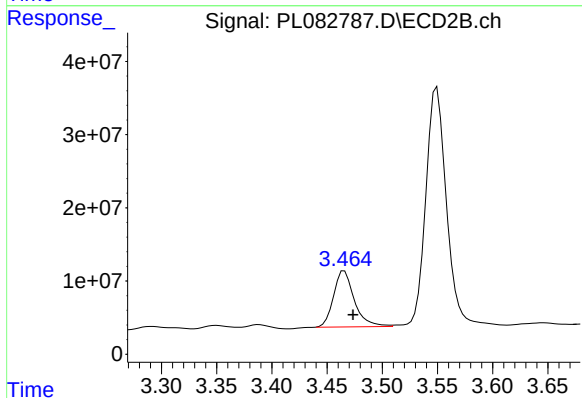
#3 gamma-BHC (Lindane)

R.T.: 4.097 min
Delta R.T.: -0.003 min
Response: 102364528
Conc: 27.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

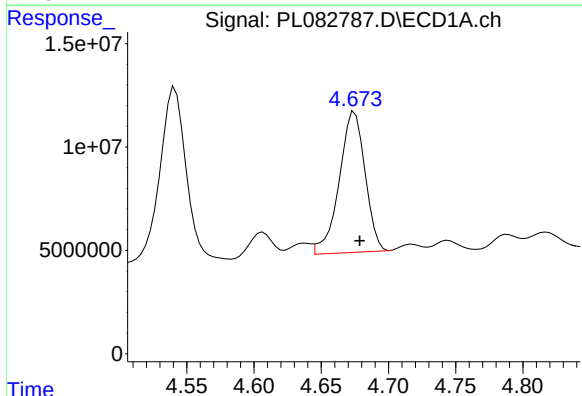
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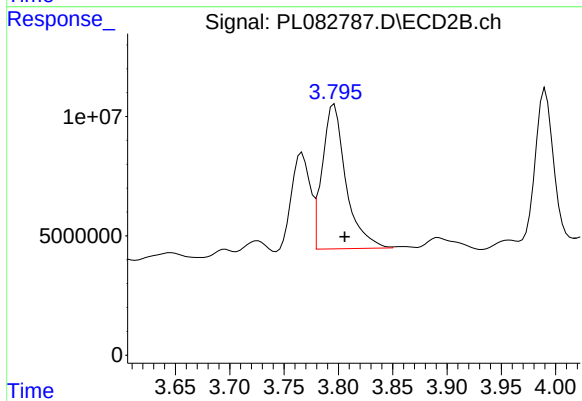
#3 gamma-BHC (Lindane)

R.T.: 3.466 min
Delta R.T.: -0.008 min
Response: 100007323
Conc: 31.10 ng/ml



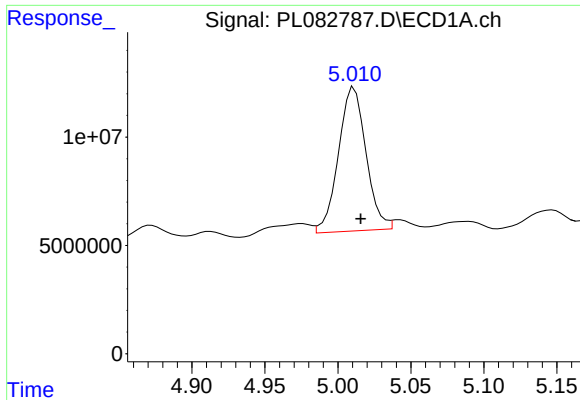
#4 Heptachlor

R.T.: 4.675 min
Delta R.T.: -0.004 min
Response: 90920695
Conc: 24.88 ng/ml



#4 Heptachlor

R.T.: 3.796 min
Delta R.T.: -0.010 min
Response: 91409238
Conc: 26.70 ng/ml



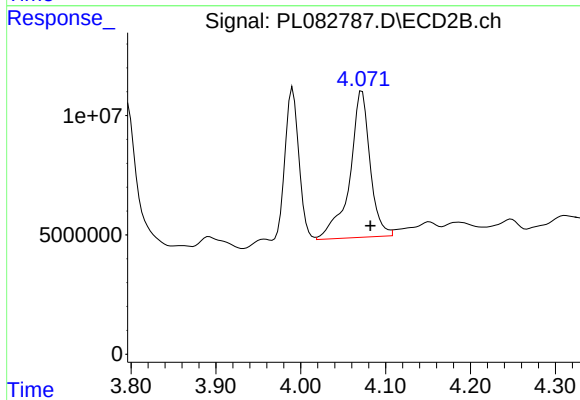
#5 Aldrin

R.T.: 5.011 min
Delta R.T.: -0.004 min
Response: 87198536
Conc: 26.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

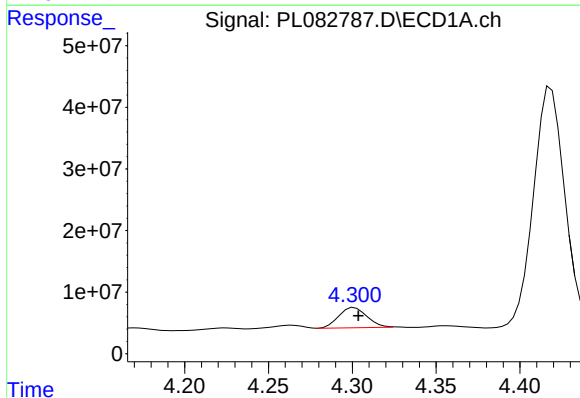
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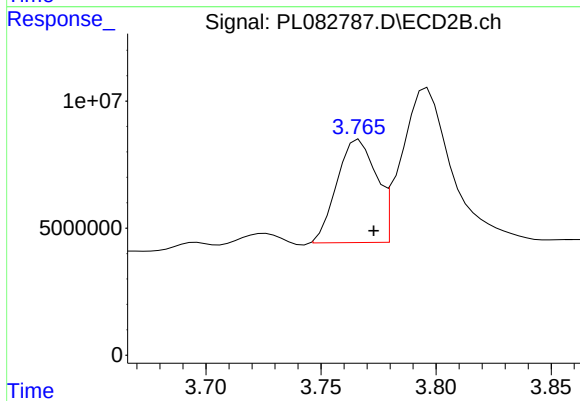
#5 Aldrin

R.T.: 4.072 min
Delta R.T.: -0.010 min
Response: 101848427
Conc: 32.33 ng/ml



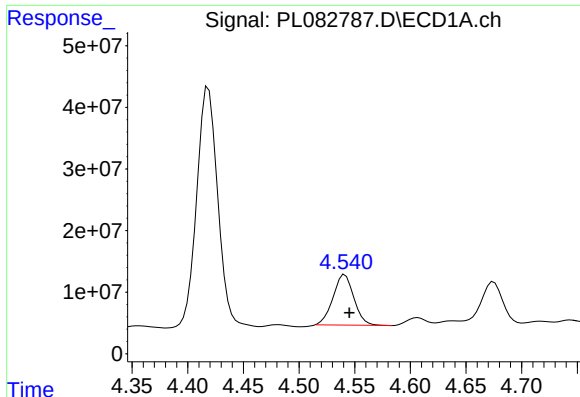
#6 beta-BHC

R.T.: 4.300 min
Delta R.T.: -0.004 min
Response: 38605842
Conc: 22.64 ng/ml m



#6 beta-BHC

R.T.: 3.767 min
Delta R.T.: -0.006 min
Response: 47900389
Conc: 35.11 ng/ml



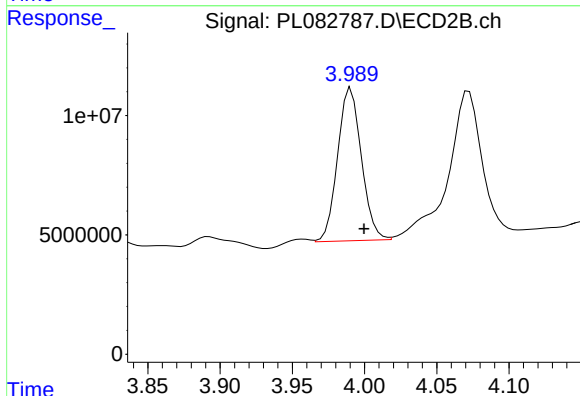
#7 delta-BHC

R.T.: 4.541 min
Delta R.T.: -0.004 min
Response: 106828937
Conc: 29.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

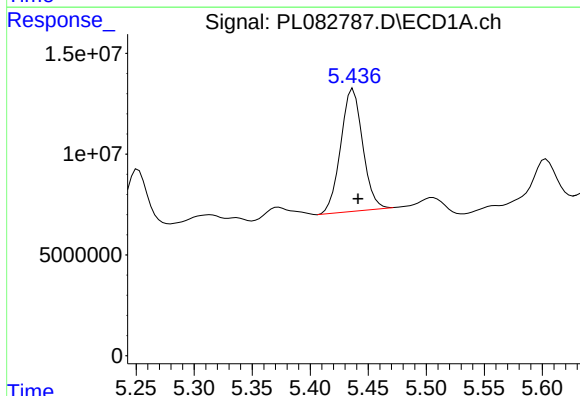
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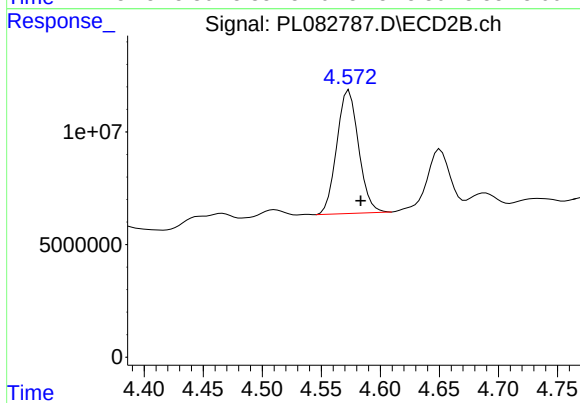
#7 delta-BHC

R.T.: 3.991 min
Delta R.T.: -0.009 min
Response: 73168383
Conc: 23.85 ng/ml



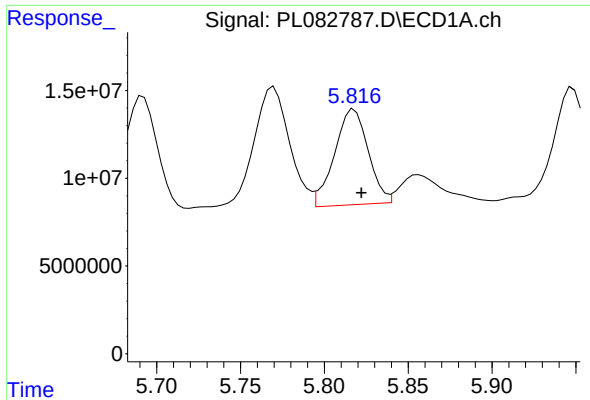
#8 Heptachlor epoxide

R.T.: 5.437 min
Delta R.T.: -0.004 min
Response: 79921221
Conc: 26.20 ng/ml



#8 Heptachlor epoxide

R.T.: 4.573 min
Delta R.T.: -0.010 min
Response: 70393768
Conc: 24.43 ng/ml



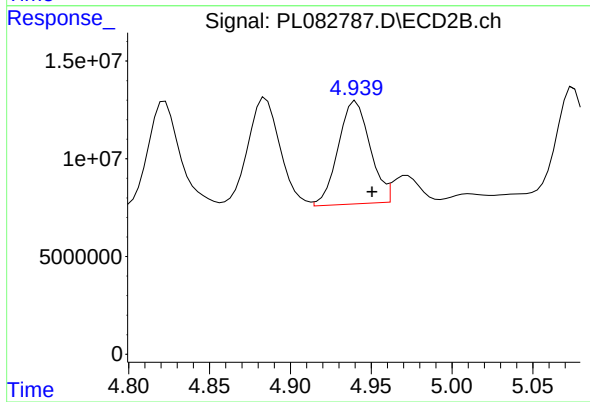
#9 Endosulfan I

R.T.: 5.818 min
Delta R.T.: -0.004 min
Response: 75991690
Conc: 27.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

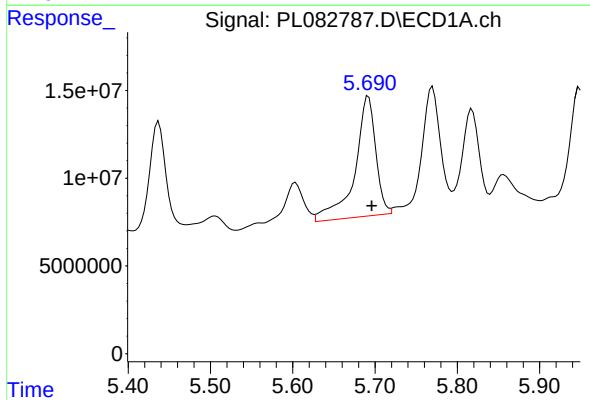
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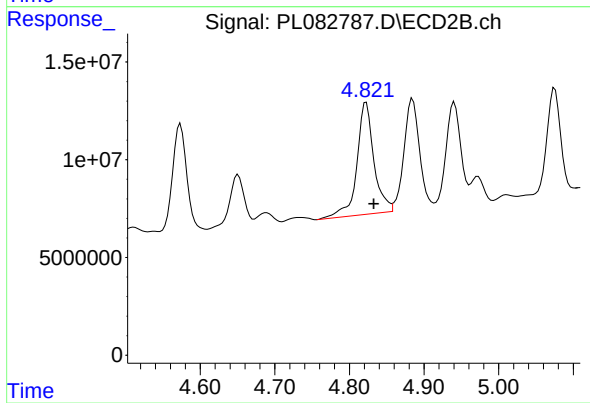
#9 Endosulfan I

R.T.: 4.941 min
Delta R.T.: -0.010 min
Response: 71933865
Conc: 26.95 ng/ml



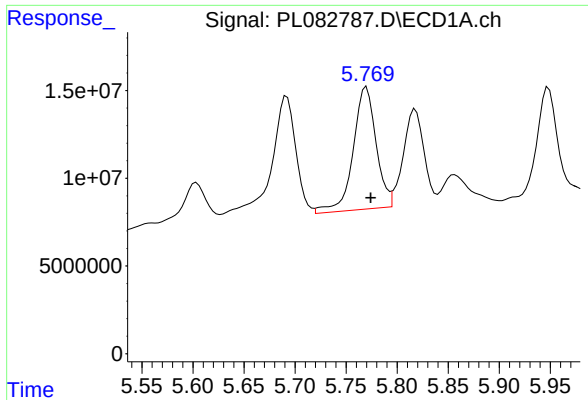
#10 gamma-Chlordane

R.T.: 5.692 min
Delta R.T.: -0.004 min
Response: 120652047
Conc: 40.13 ng/ml



#10 gamma-Chlordane

R.T.: 4.822 min
Delta R.T.: -0.010 min
Response: 91146626
Conc: 31.41 ng/ml



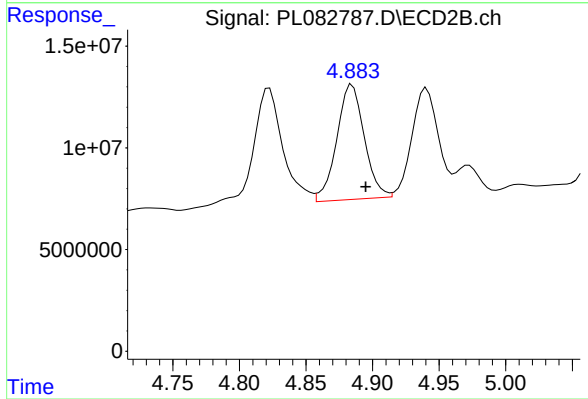
#11 alpha-Chlordane

R.T.: 5.770 min
Delta R.T.: -0.004 min
Response: 108738937
Conc: 36.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

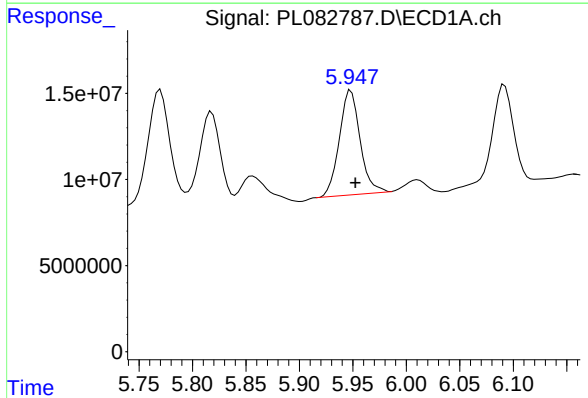
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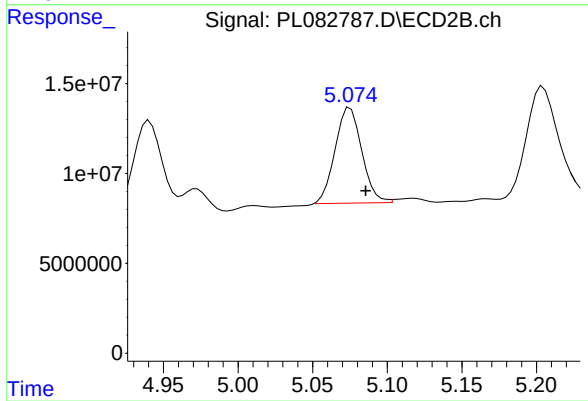
#11 alpha-Chlordane

R.T.: 4.885 min
Delta R.T.: -0.010 min
Response: 81335942
Conc: 28.02 ng/ml



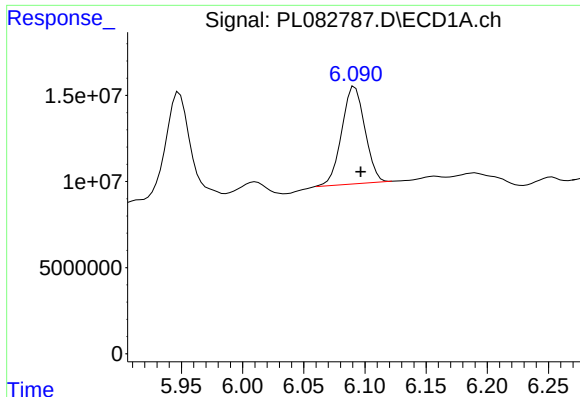
#12 4,4'-DDE

R.T.: 5.948 min
Delta R.T.: -0.004 min
Response: 82282417
Conc: 32.37 ng/ml



#12 4,4'-DDE

R.T.: 5.075 min
Delta R.T.: -0.010 min
Response: 66393518
Conc: 28.88 ng/ml



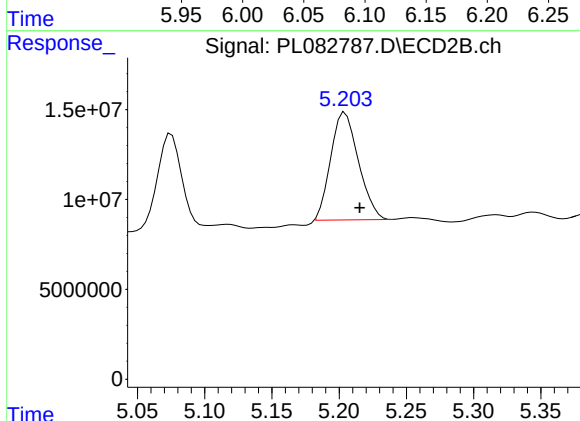
#13 Dieldrin

R.T.: 6.092 min
Delta R.T.: -0.005 min
Response: 74275454
Conc: 26.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

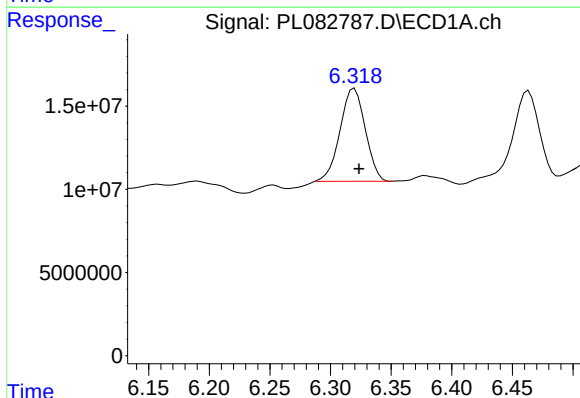
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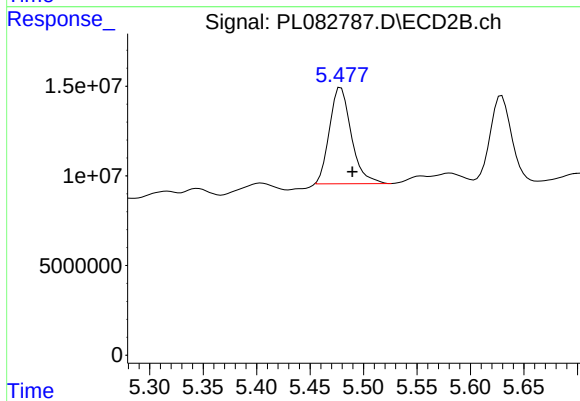
#13 Dieldrin

R.T.: 5.204 min
Delta R.T.: -0.011 min
Response: 85379692
Conc: 31.62 ng/ml



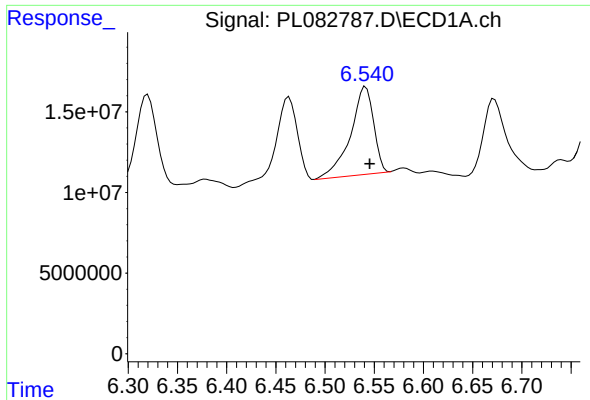
#14 Endrin

R.T.: 6.320 min
Delta R.T.: -0.004 min
Response: 80655802
Conc: 33.27 ng/ml



#14 Endrin

R.T.: 5.479 min
Delta R.T.: -0.011 min
Response: 76366675
Conc: 31.22 ng/ml



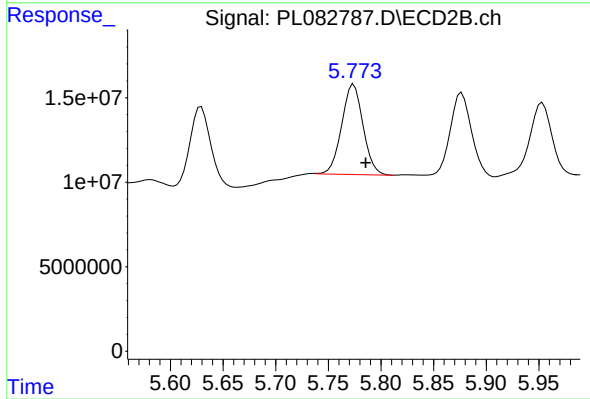
#15 Endosulfan II

R.T.: 6.541 min
Delta R.T.: -0.004 min
Response: 88804542
Conc: 36.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

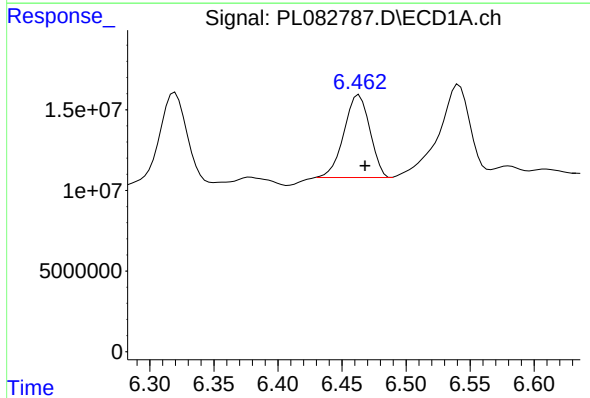
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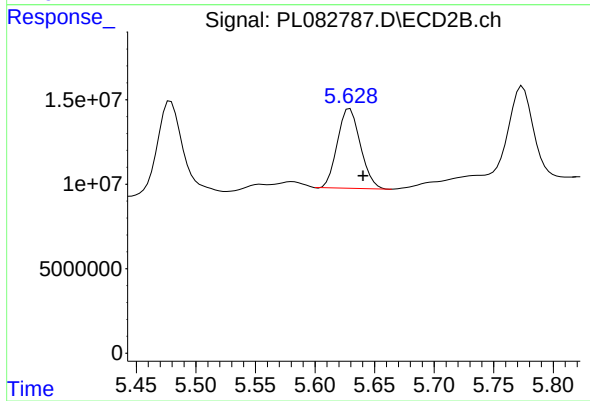
#15 Endosulfan II

R.T.: 5.773 min
Delta R.T.: -0.013 min
Response: 75570403
Conc: 33.53 ng/ml m



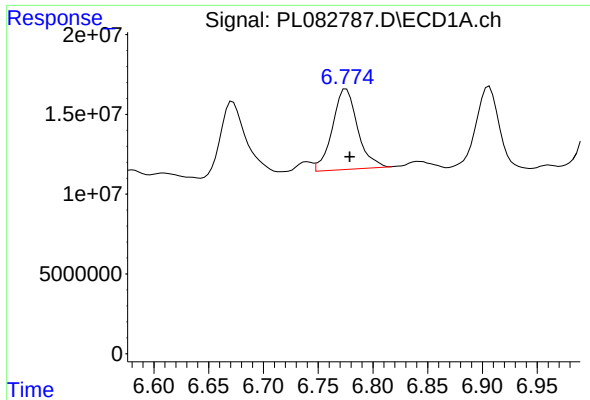
#16 4,4'-DDD

R.T.: 6.463 min
Delta R.T.: -0.005 min
Response: 71959665
Conc: 35.50 ng/ml



#16 4,4'-DDD

R.T.: 5.629 min
Delta R.T.: -0.011 min
Response: 63236714
Conc: 33.81 ng/ml



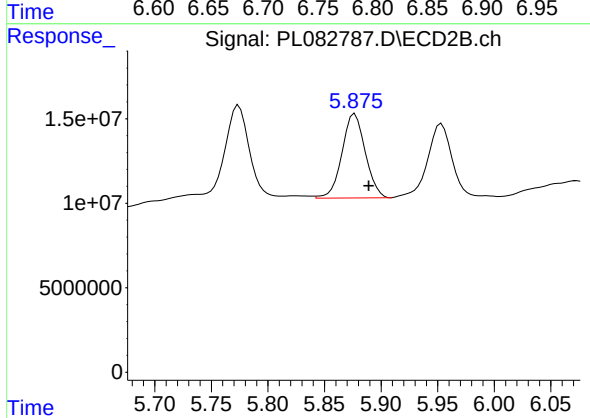
#17 4,4'-DDT

R.T.: 6.776 min
Delta R.T.: -0.003 min
Response: 80599722
Conc: 35.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

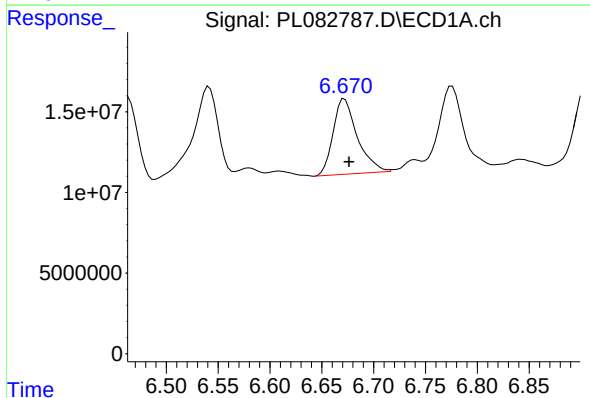
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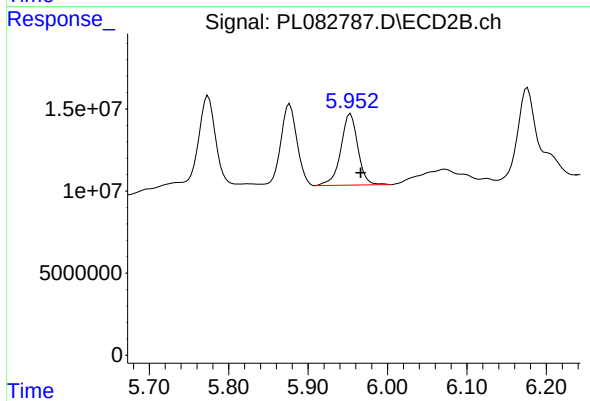
#17 4,4'-DDT

R.T.: 5.877 min
Delta R.T.: -0.012 min
Response: 71393711
Conc: 33.79 ng/ml



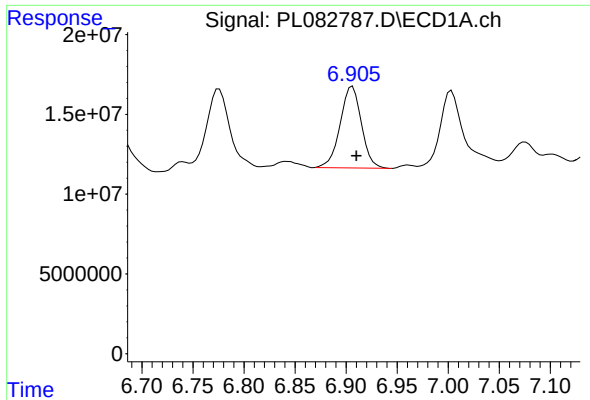
#18 Endrin aldehyde

R.T.: 6.672 min
Delta R.T.: -0.004 min
Response: 75970715
Conc: 40.32 ng/ml



#18 Endrin aldehyde

R.T.: 5.953 min
Delta R.T.: -0.013 min
Response: 65116742
Conc: 34.80 ng/ml



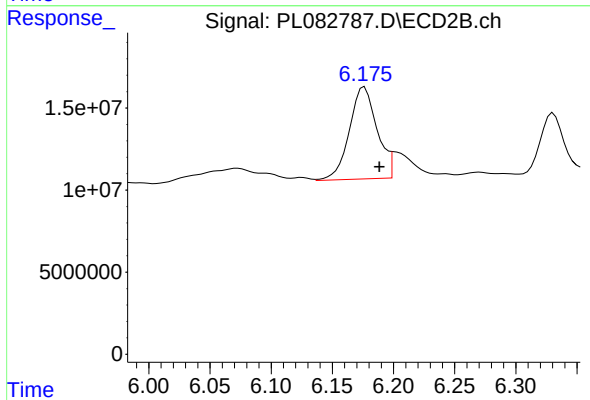
#19 Endosulfan Sulfate

R.T.: 6.906 min
Delta R.T.: -0.004 min
Response: 74060583
Conc: 31.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

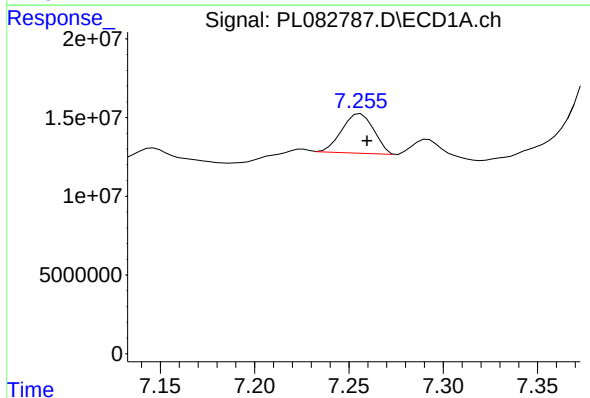
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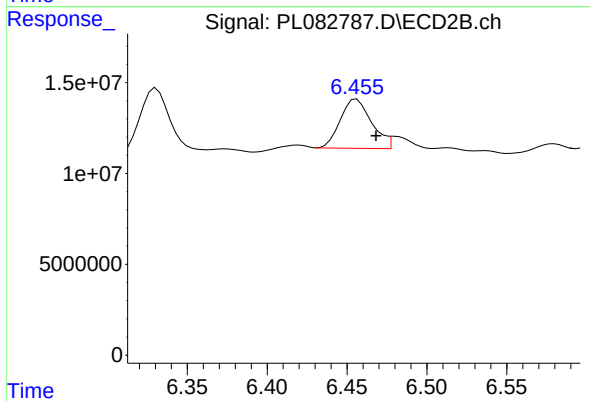
#19 Endosulfan Sulfate

R.T.: 6.175 min
Delta R.T.: -0.014 min
Response: 87234624
Conc: 37.05 ng/ml m



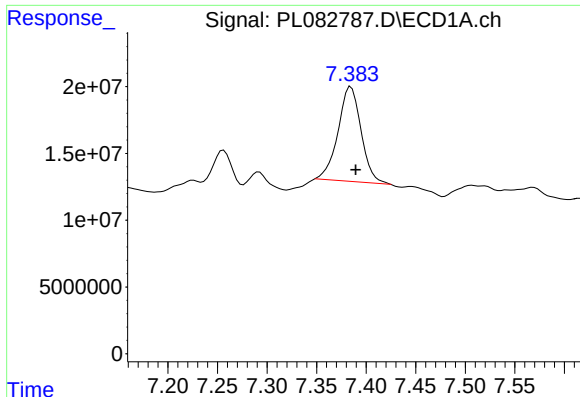
#20 Methoxychlor

R.T.: 7.255 min
Delta R.T.: -0.005 min
Response: 29618783
Conc: 24.27 ng/ml m



#20 Methoxychlor

R.T.: 6.455 min
Delta R.T.: -0.014 min
Response: 37538863
Conc: 30.98 ng/ml m



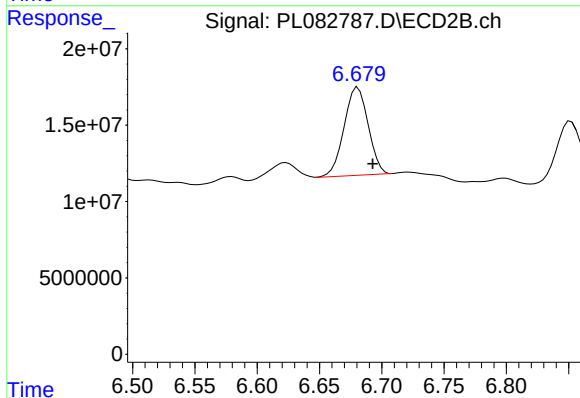
#21 Endrin ketone

R.T.: 7.383 min
Delta R.T.: -0.006 min
Response: 114606206
Conc: 47.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

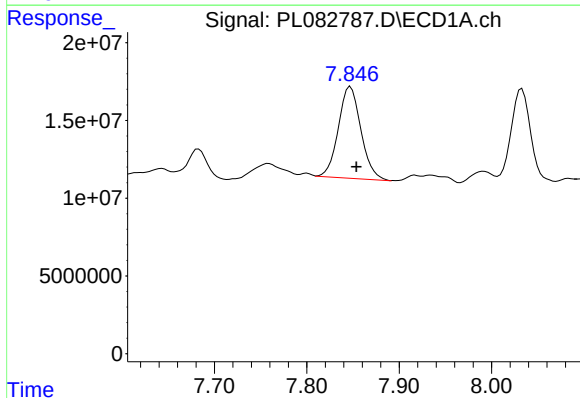
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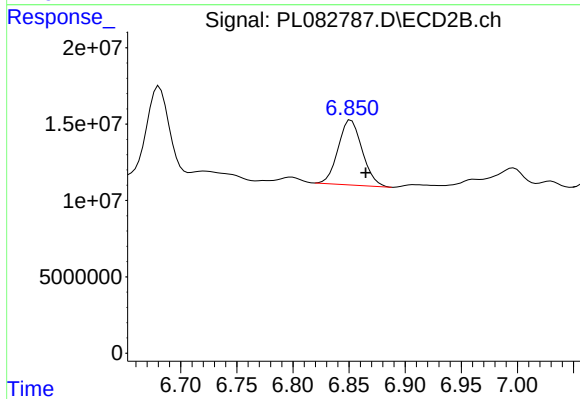
#21 Endrin ketone

R.T.: 6.679 min
Delta R.T.: -0.013 min
Response: 77853811
Conc: 30.67 ng/ml m



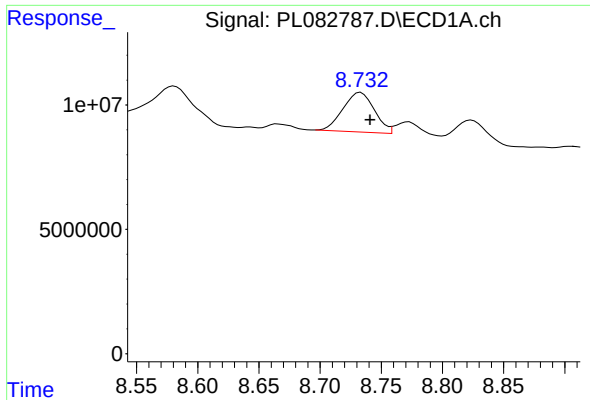
#22 Mirex

R.T.: 7.846 min
Delta R.T.: -0.008 min
Response: 99826639
Conc: 51.03 ng/ml m



#22 Mirex

R.T.: 6.850 min
Delta R.T.: -0.015 min
Response: 63190163
Conc: 27.42 ng/ml m



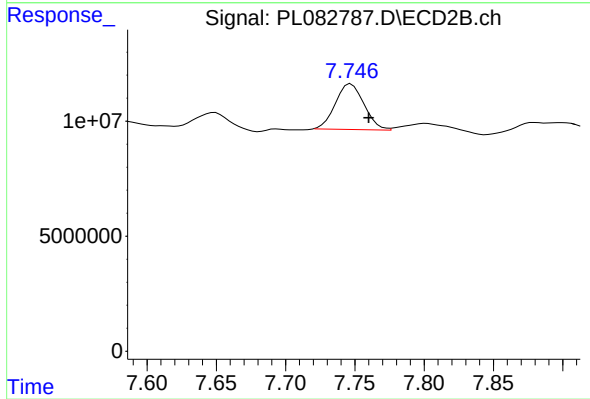
#28 Decachlorobiphenyl

R.T.: 8.733 min
Delta R.T.: -0.008 min
Response: 28413230
Conc: 14.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11995MS

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 05/19/2023



#28 Decachlorobiphenyl

R.T.: 7.747 min
Delta R.T.: -0.013 min
Response: 28493016
Conc: 12.48 ng/ml