

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
 Data File : PL082136.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Apr 2023 17:01
 Operator : AR\AJ
 Sample : 02357-02MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P2-S2-230413MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/19/2023
 Supervised By :Ankita Jodhani 04/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 17 21:49:40 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 23 01:07:33 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...	3.325	2.651	30654774	27460515	13.180	13.757
28)	SA Decachlor...	8.751	7.769	21091153	22887136	11.785	11.540
Target Compounds							
2)	A alpha-BHC	3.776	3.150	153.8E6	126.8E6	44.846	43.515
3)	MA gamma-BHC...	4.104	3.477	143.9E6	126.5E6	45.303	45.433
4)	MA Heptachlor	4.682	3.810	135.4E6	126.9E6	42.949m	44.249
5)	MB Aldrin	5.020	4.087	133.7E6	123.9E6	46.741	46.512
6)	B beta-BHC	4.308	3.778	64748992	53586364	43.020	44.993
7)	B delta-BHC	4.550	4.005	140.5E6	120.2E6	46.236	46.460
8)	B Heptachlo...	5.447	4.589	121.7E6	110.1E6	44.727	45.316
9)	A Endosulfan I	5.828	4.957	106.9E6	100.4E6	43.264	45.479
10)	B gamma-Chl...	5.702	4.838	124.7E6	114.6E6	47.515	47.143
11)	B alpha-Chl...	5.780	4.901	116.0E6	113.9E6	44.822	46.887
12)	B 4,4'-DDE	5.958	5.093	105.3E6	98319398	46.722	49.913
13)	MA Dieldrin	6.103	5.222	112.5E6	109.3E6	46.467	48.593
14)	MA Endrin	6.330	5.496	99467796	92637528	47.025	45.776
15)	B Endosulfa...	6.553	5.792	92034880	94071774	43.370	51.858m
16)	A 4,4'-DDD	6.474	5.648	87794535	76167296	48.680	50.191
17)	MA 4,4'-DDT	6.786	5.897	95816418	90684164	47.209	52.623
18)	B Endrin al...	6.683	5.974	80961436	76394529	49.484	49.192
19)	B Endosulfa...	6.917	6.196	94313041	89827808	45.255	46.167
20)	A Methoxychlor	7.267	6.477	52853797	48422669	49.080	48.615
21)	B Endrin ke...	7.398	6.702	101.6E6	99724258	48.510	46.666
22)	Mirex	7.862	6.873	74830768	82076040	43.677	42.754

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041723\
Data File : PL082136.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Apr 2023 17:01
Operator : AR\AJ
Sample : 02357-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

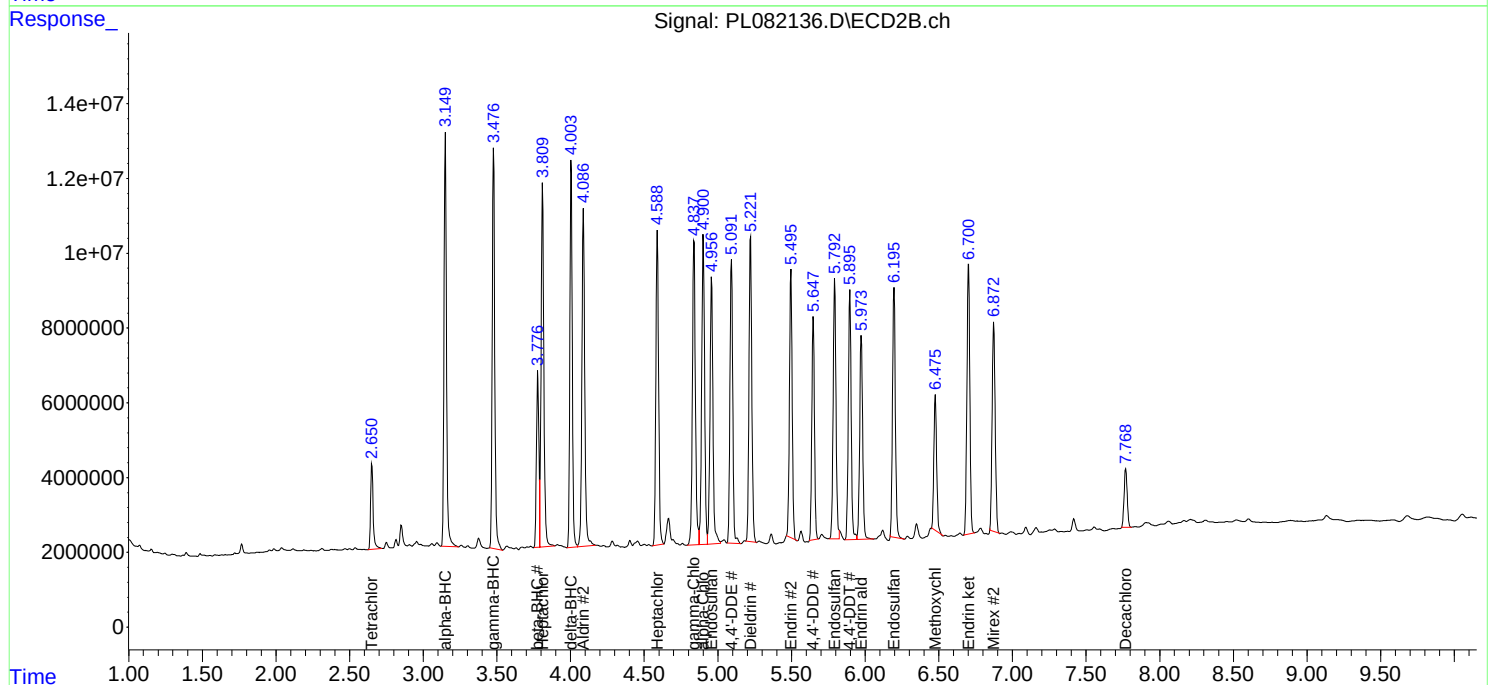
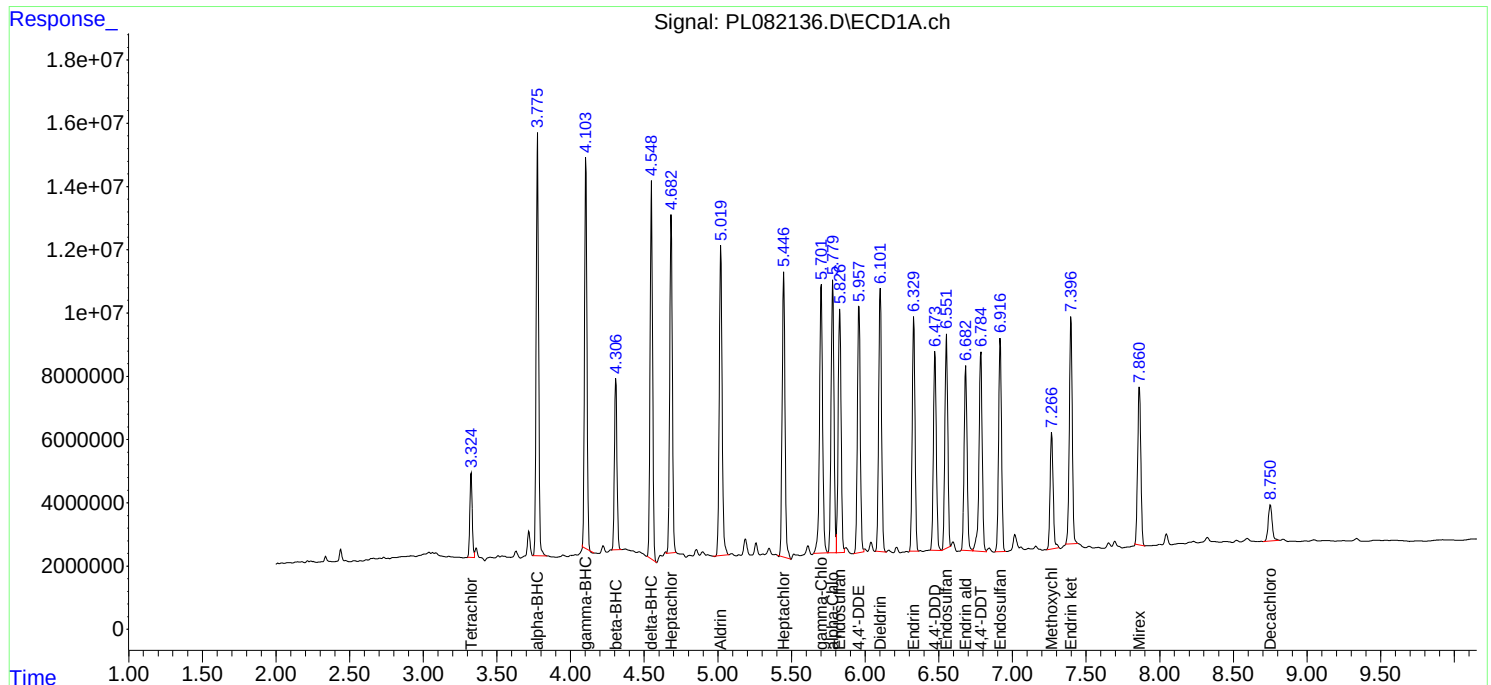
Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

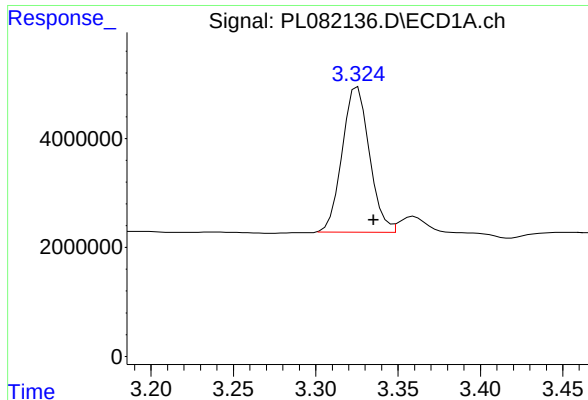
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 17 21:49:40 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL032223.M
Quant Title : GC Extractables
QLast Update : Thu Mar 23 01:07:33 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





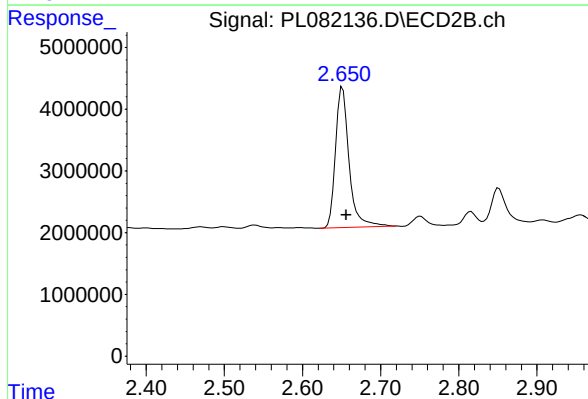
#1 Tetrachloro-m-xylene

R.T.: 3.325 min
Delta R.T.: -0.010 min
Response: 30654774
Conc: 13.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

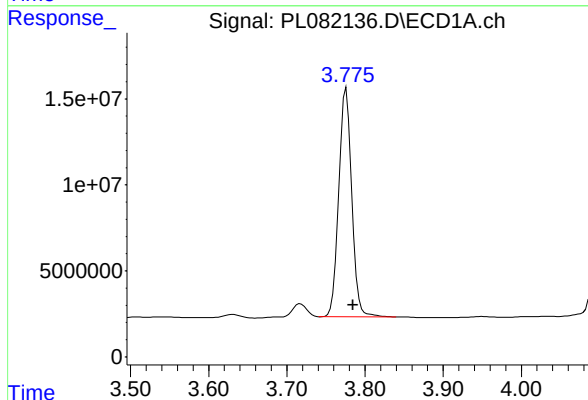
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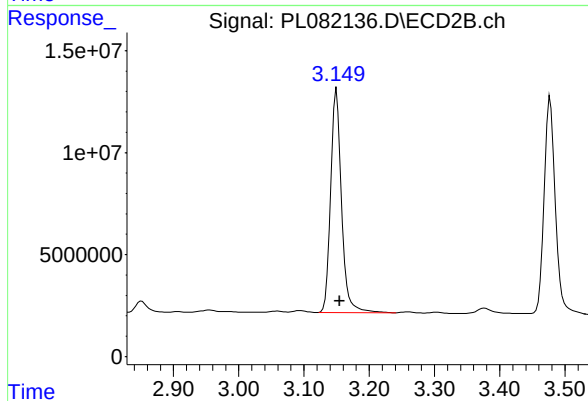
#1 Tetrachloro-m-xylene

R.T.: 2.651 min
Delta R.T.: -0.005 min
Response: 27460515
Conc: 13.76 ng/ml



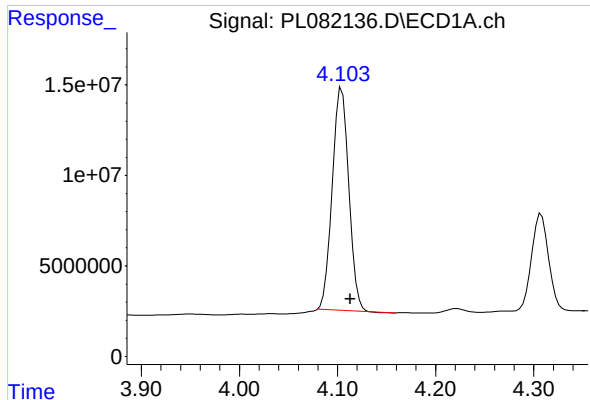
#2 alpha-BHC

R.T.: 3.776 min
Delta R.T.: -0.009 min
Response: 153750680
Conc: 44.85 ng/ml



#2 alpha-BHC

R.T.: 3.150 min
Delta R.T.: -0.005 min
Response: 126846245
Conc: 43.52 ng/ml



#3 gamma-BHC (Lindane)

R.T.: 4.104 min
Delta R.T.: -0.009 min
Response: 143919982
Conc: 45.30 ng/ml

Instrument :

ECD_L

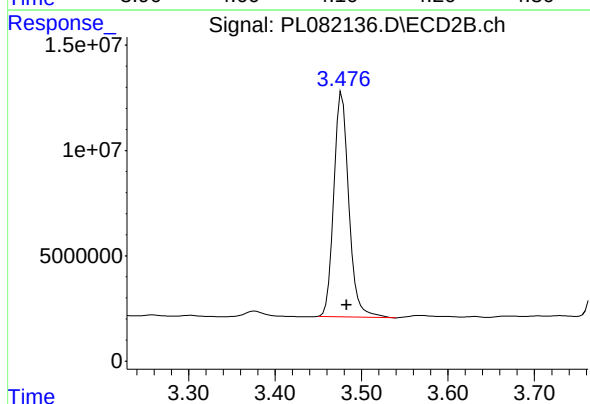
ClientSampleId :

P2-S2-230413MSD

Manual Integrations

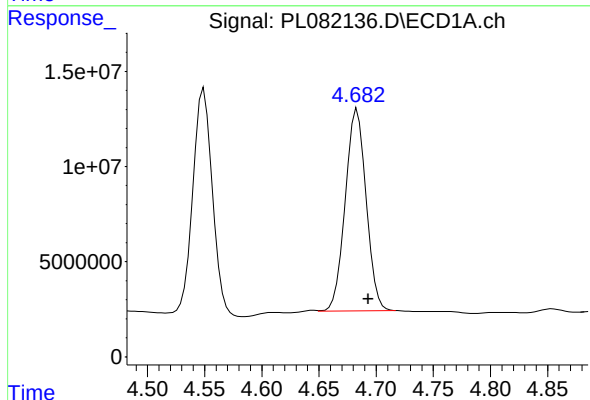
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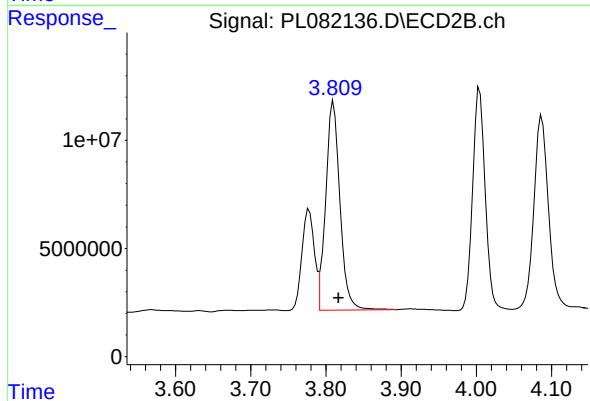
#3 gamma-BHC (Lindane)

R.T.: 3.477 min
Delta R.T.: -0.006 min
Response: 126495588
Conc: 45.43 ng/ml



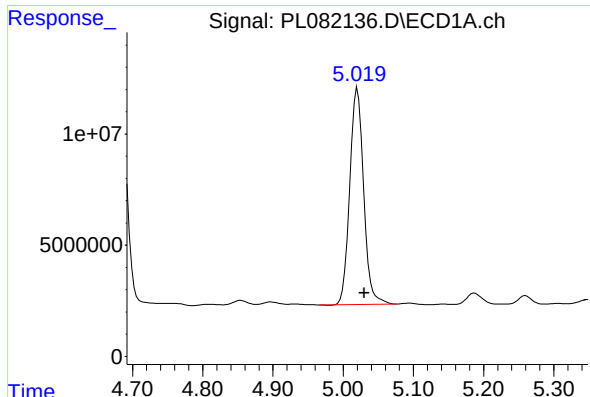
#4 Heptachlor

R.T.: 4.682 min
Delta R.T.: -0.011 min
Response: 135382701
Conc: 42.95 ng/ml m



#4 Heptachlor

R.T.: 3.810 min
Delta R.T.: -0.007 min
Response: 126860839
Conc: 44.25 ng/ml



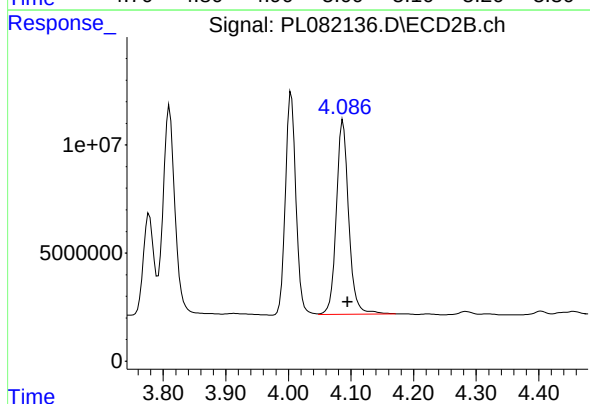
#5 Aldrin

R.T.: 5.020 min
Delta R.T.: -0.009 min
Response: 133692395
Conc: 46.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

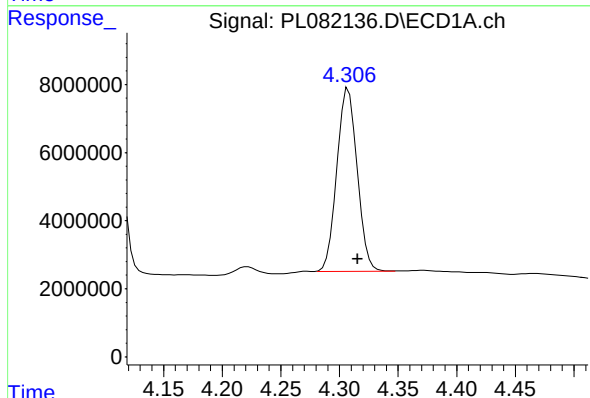
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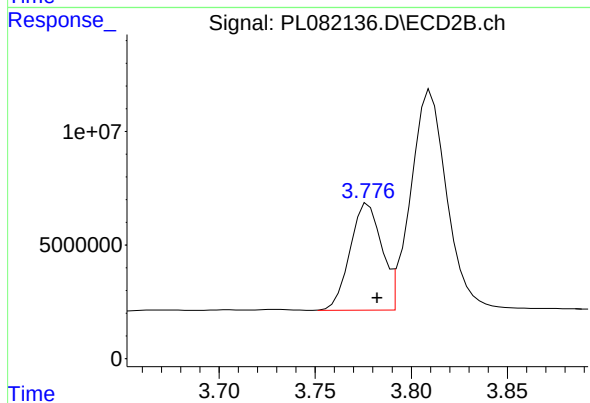
#5 Aldrin

R.T.: 4.087 min
Delta R.T.: -0.007 min
Response: 123930747
Conc: 46.51 ng/ml



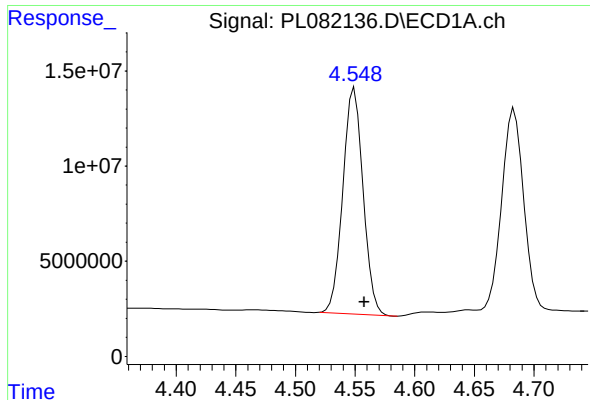
#6 beta-BHC

R.T.: 4.308 min
Delta R.T.: -0.008 min
Response: 64748992
Conc: 43.02 ng/ml



#6 beta-BHC

R.T.: 3.778 min
Delta R.T.: -0.005 min
Response: 53586364
Conc: 44.99 ng/ml



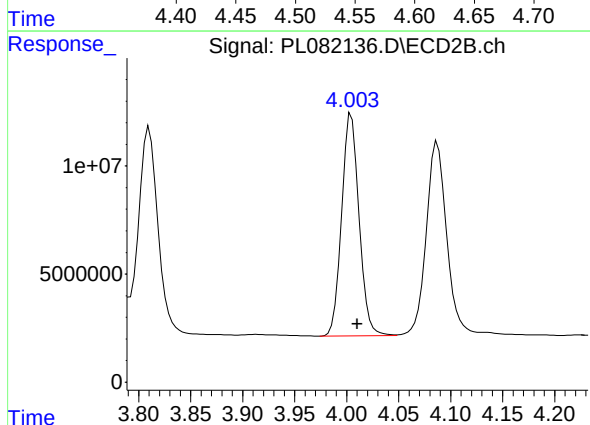
#7 delta-BHC

R.T.: 4.550 min
Delta R.T.: -0.008 min
Response: 140521335
Conc: 46.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

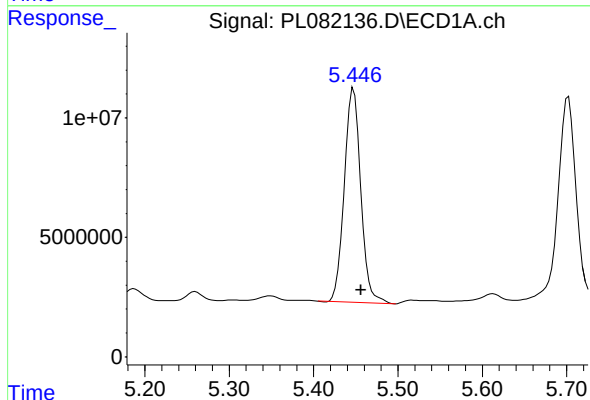
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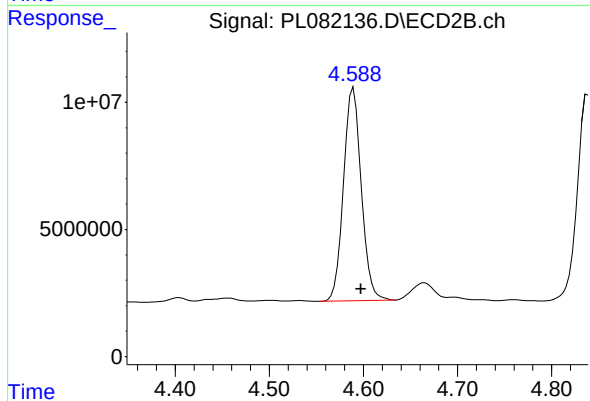
#7 delta-BHC

R.T.: 4.005 min
Delta R.T.: -0.005 min
Response: 120150899
Conc: 46.46 ng/ml



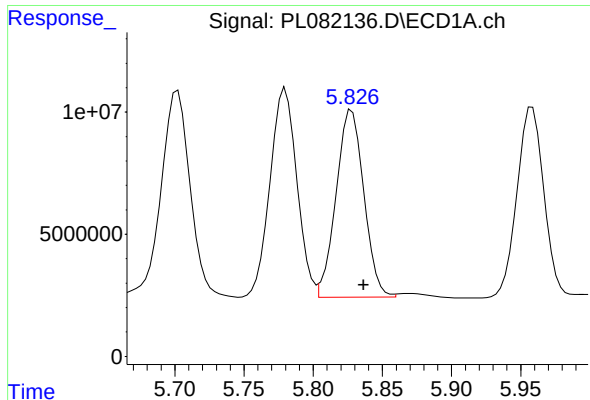
#8 Heptachlor epoxide

R.T.: 5.447 min
Delta R.T.: -0.009 min
Response: 121658087
Conc: 44.73 ng/ml



#8 Heptachlor epoxide

R.T.: 4.589 min
Delta R.T.: -0.008 min
Response: 110061005
Conc: 45.32 ng/ml



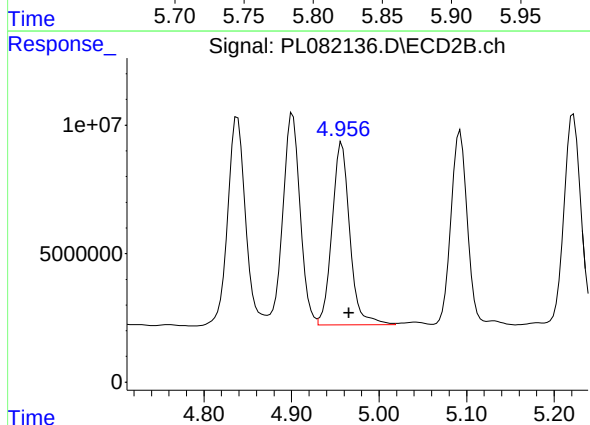
#9 Endosulfan I

R.T.: 5.828 min
Delta R.T.: -0.009 min
Response: 106898294
Conc: 43.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

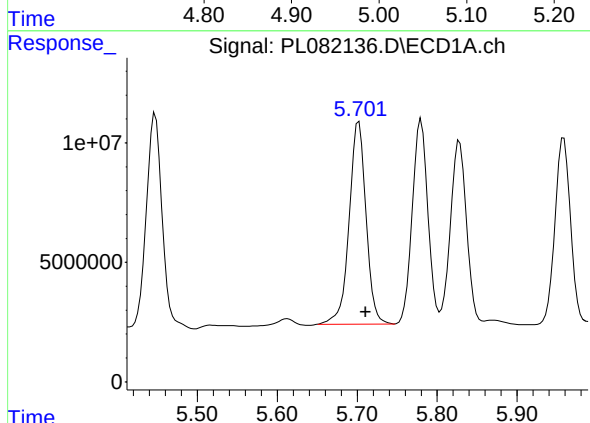
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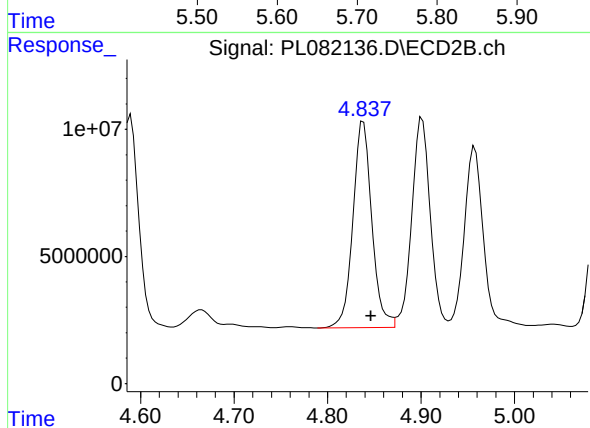
#9 Endosulfan I

R.T.: 4.957 min
Delta R.T.: -0.008 min
Response: 100404834
Conc: 45.48 ng/ml



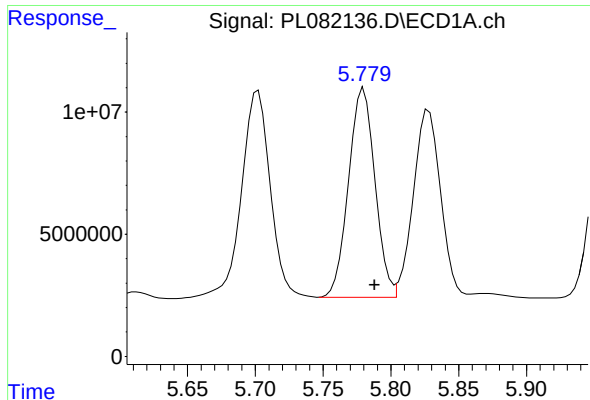
#10 gamma-Chlordane

R.T.: 5.702 min
Delta R.T.: -0.008 min
Response: 124737203
Conc: 47.51 ng/ml



#10 gamma-Chlordane

R.T.: 4.838 min
Delta R.T.: -0.008 min
Response: 114575354
Conc: 47.14 ng/ml



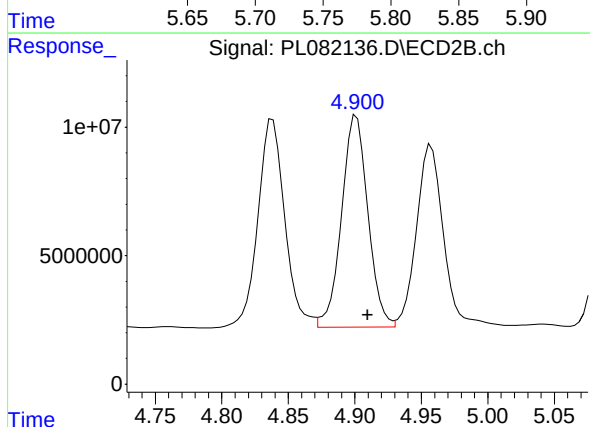
#11 alpha-Chlordane

R.T.: 5.780 min
Delta R.T.: -0.008 min
Response: 116017389
Conc: 44.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

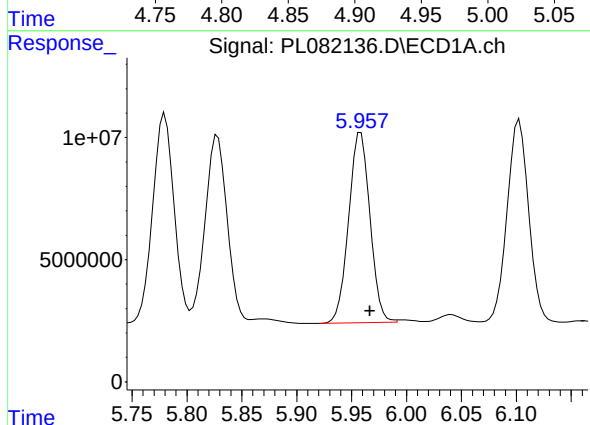
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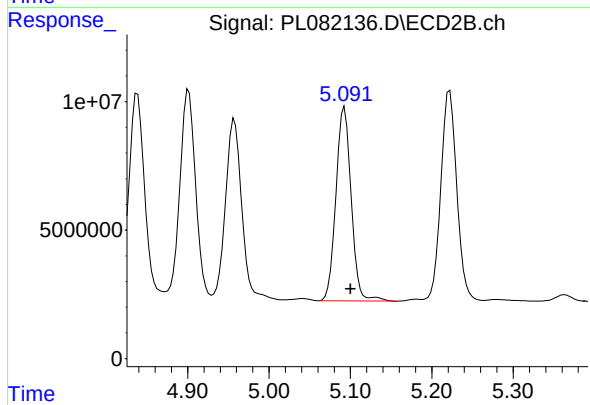
#11 alpha-Chlordane

R.T.: 4.901 min
Delta R.T.: -0.009 min
Response: 113886448
Conc: 46.89 ng/ml



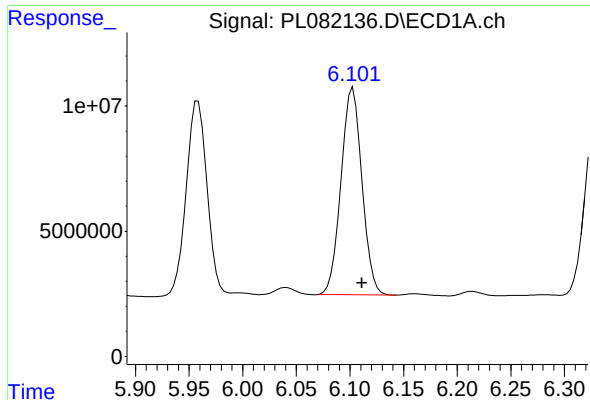
#12 4,4'-DDE

R.T.: 5.958 min
Delta R.T.: -0.008 min
Response: 105294319
Conc: 46.72 ng/ml



#12 4,4'-DDE

R.T.: 5.093 min
Delta R.T.: -0.008 min
Response: 98319398
Conc: 49.91 ng/ml



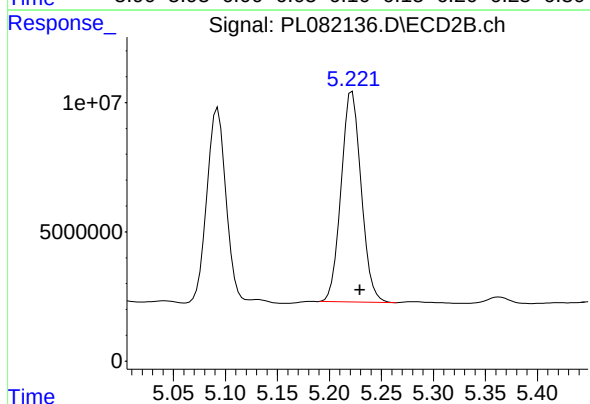
#13 Dieldrin

R.T.: 6.103 min
Delta R.T.: -0.008 min
Response: 112495236
Conc: 46.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

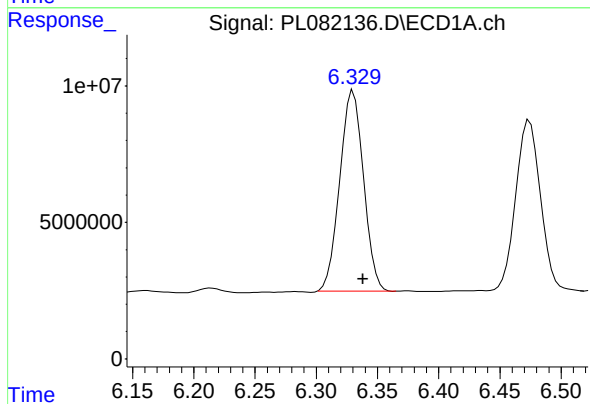
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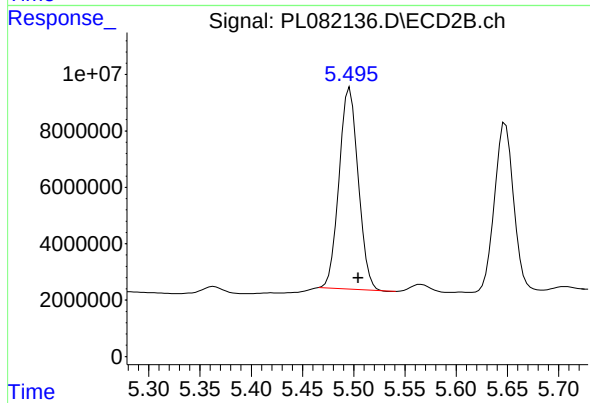
#13 Dieldrin

R.T.: 5.222 min
Delta R.T.: -0.008 min
Response: 109306204
Conc: 48.59 ng/ml



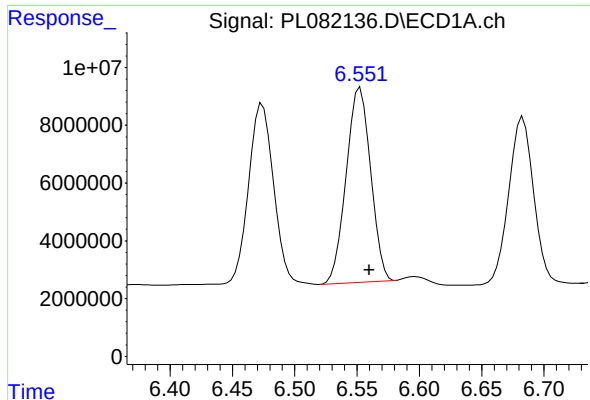
#14 Endrin

R.T.: 6.330 min
Delta R.T.: -0.008 min
Response: 99467796
Conc: 47.02 ng/ml



#14 Endrin

R.T.: 5.496 min
Delta R.T.: -0.008 min
Response: 92637528
Conc: 45.78 ng/ml



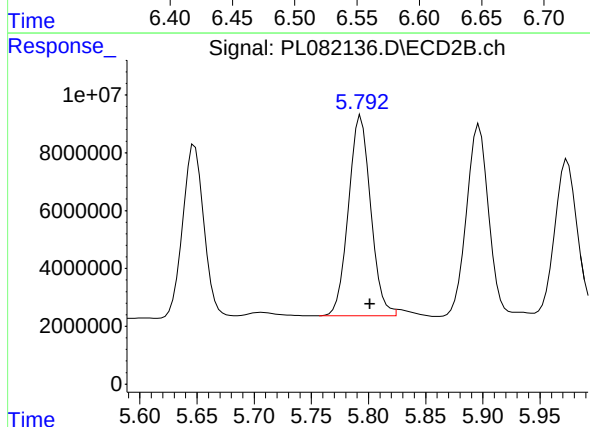
#15 Endosulfan II

R.T.: 6.553 min
Delta R.T.: -0.007 min
Response: 92034880
Conc: 43.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
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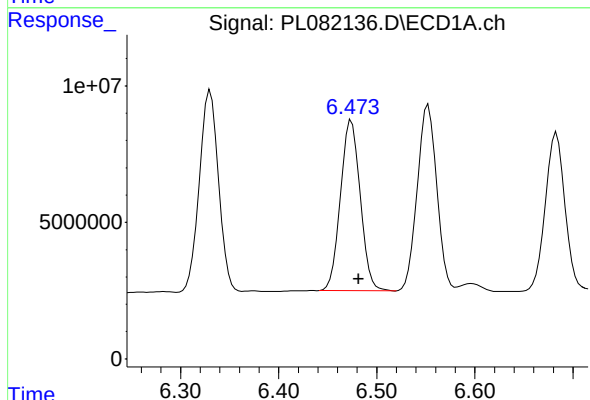
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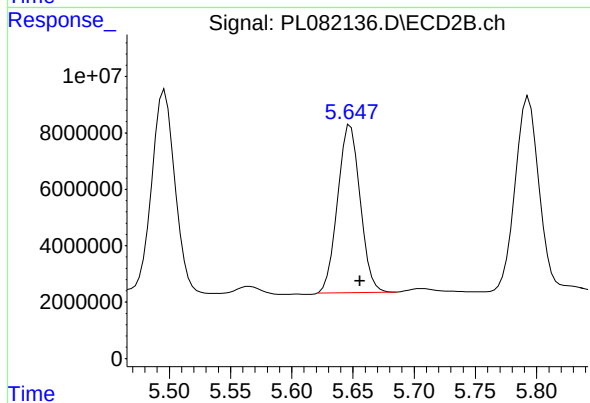
#15 Endosulfan II

R.T.: 5.792 min
Delta R.T.: -0.009 min
Response: 94071774
Conc: 51.86 ng/ml m



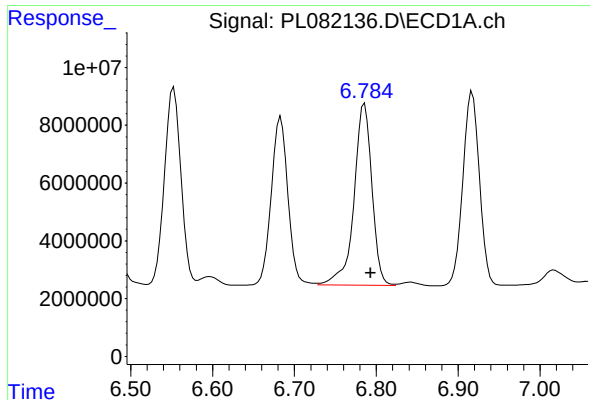
#16 4,4'-DDD

R.T.: 6.474 min
Delta R.T.: -0.008 min
Response: 87794535
Conc: 48.68 ng/ml



#16 4,4'-DDD

R.T.: 5.648 min
Delta R.T.: -0.008 min
Response: 76167296
Conc: 50.19 ng/ml



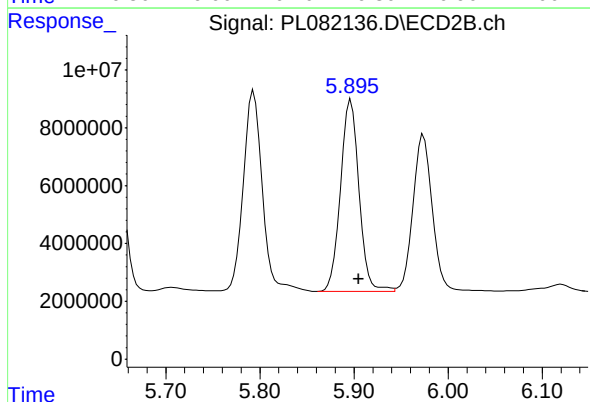
#17 4,4'-DDT

R.T.: 6.786 min
Delta R.T.: -0.007 min
Response: 95816418
Conc: 47.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

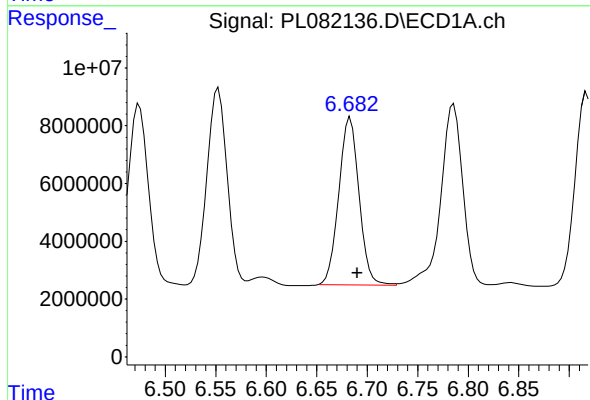
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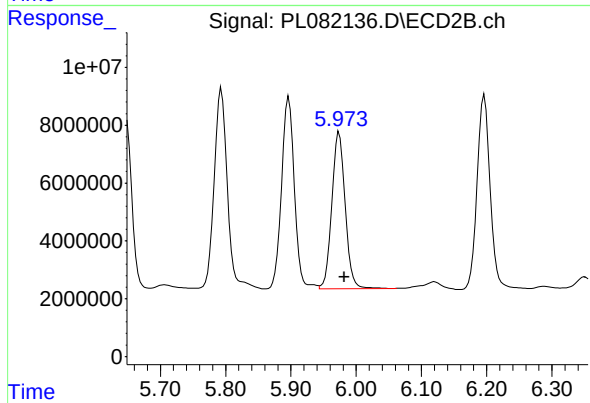
#17 4,4'-DDT

R.T.: 5.897 min
Delta R.T.: -0.008 min
Response: 90684164
Conc: 52.62 ng/ml



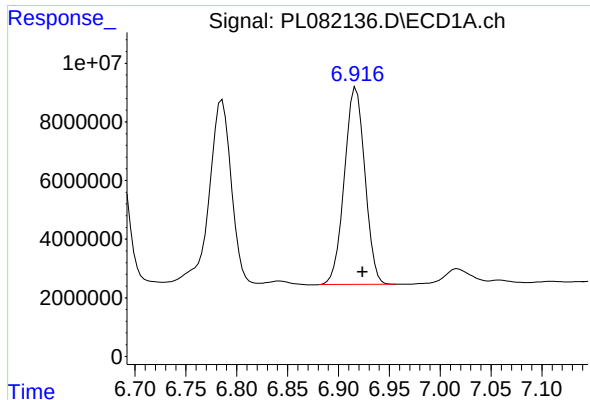
#18 Endrin aldehyde

R.T.: 6.683 min
Delta R.T.: -0.007 min
Response: 80961436
Conc: 49.48 ng/ml



#18 Endrin aldehyde

R.T.: 5.974 min
Delta R.T.: -0.008 min
Response: 76394529
Conc: 49.19 ng/ml



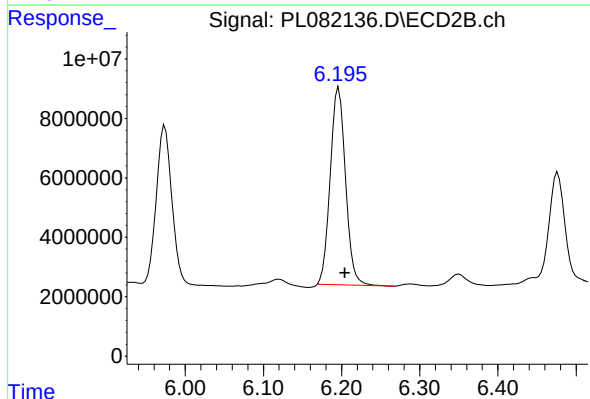
#19 Endosulfan Sulfate

R.T.: 6.917 min
Delta R.T.: -0.006 min
Response: 94313041
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

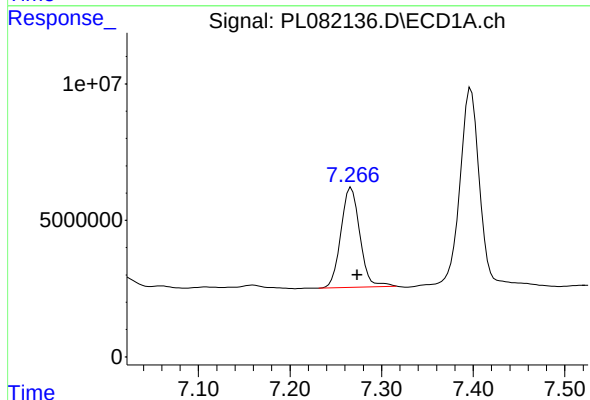
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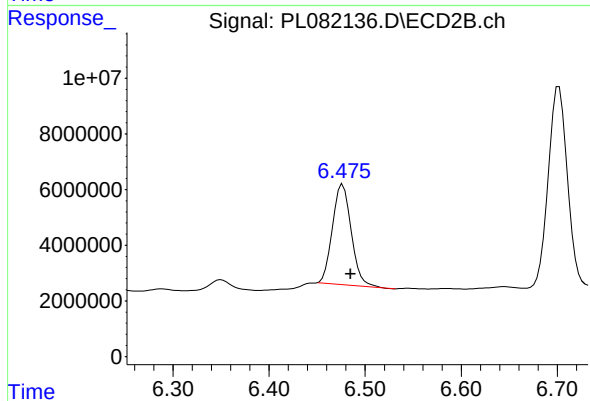
#19 Endosulfan Sulfate

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 89827808
Conc: 46.17 ng/ml



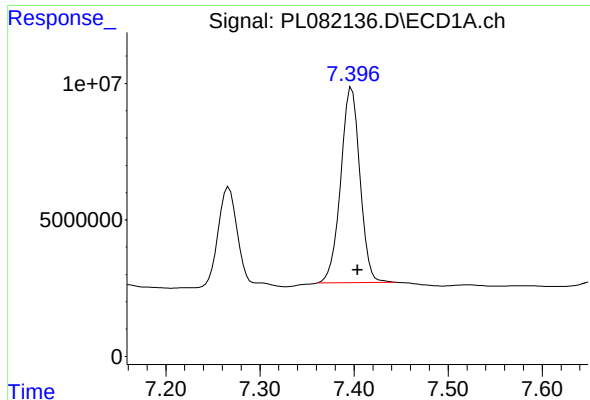
#20 Methoxychlor

R.T.: 7.267 min
Delta R.T.: -0.007 min
Response: 52853797
Conc: 49.08 ng/ml



#20 Methoxychlor

R.T.: 6.477 min
Delta R.T.: -0.008 min
Response: 48422669
Conc: 48.62 ng/ml



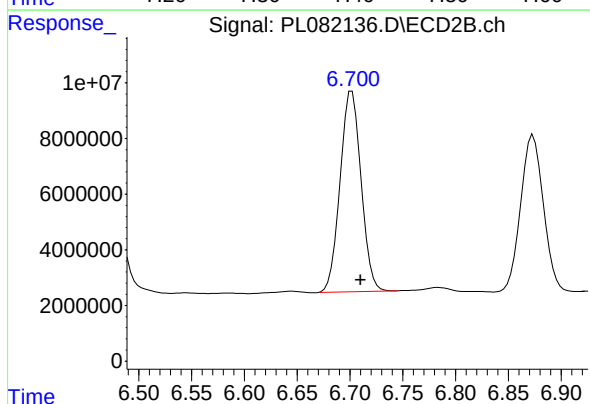
#21 Endrin ketone

R.T.: 7.398 min
Delta R.T.: -0.006 min
Response: 101612960
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

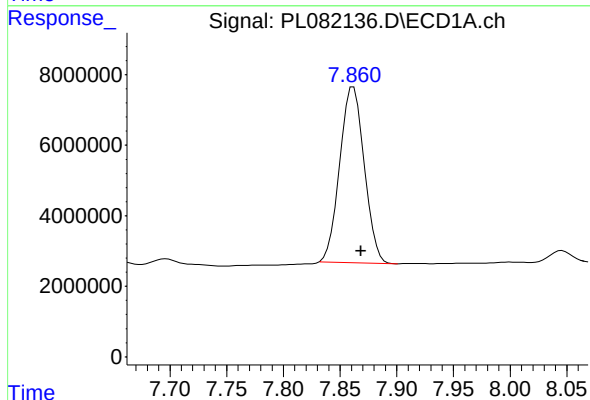
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/19/2023
Supervised By :Ankita Jodhani 04/19/2023



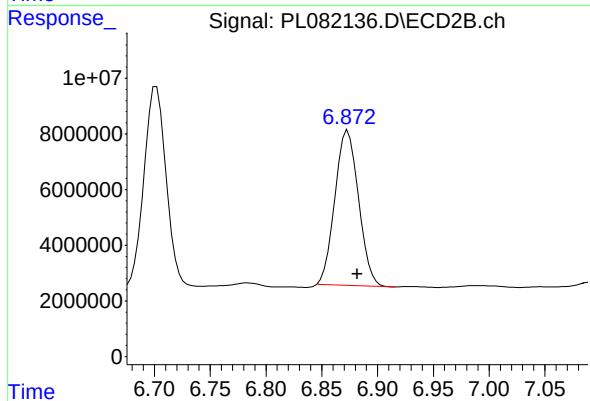
#21 Endrin ketone

R.T.: 6.702 min
Delta R.T.: -0.008 min
Response: 99724258
Conc: 46.67 ng/ml



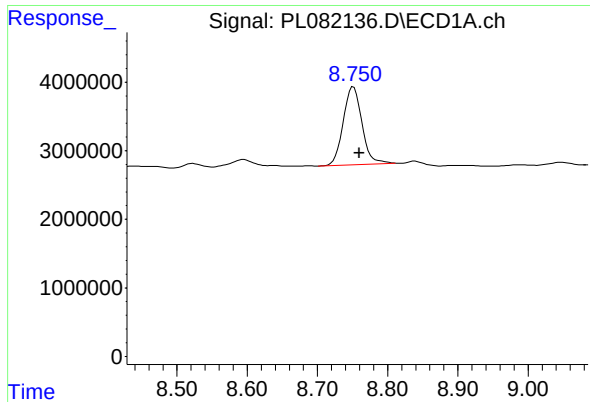
#22 Mirex

R.T.: 7.862 min
Delta R.T.: -0.007 min
Response: 74830768
Conc: 43.68 ng/ml



#22 Mirex

R.T.: 6.873 min
Delta R.T.: -0.008 min
Response: 82076040
Conc: 42.75 ng/ml



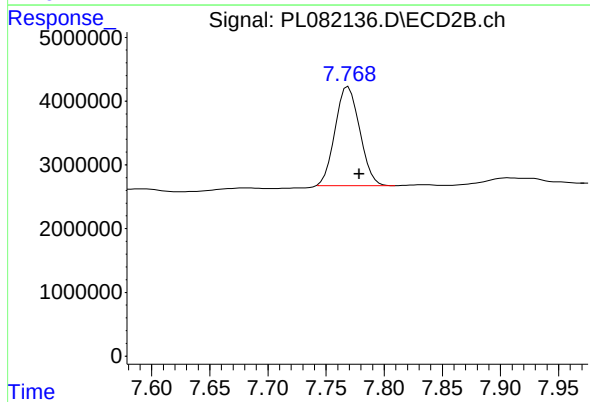
#28 Decachlorobiphenyl

R.T.: 8.751 min
Delta R.T.: -0.009 min
Response: 21091153
Conc: 11.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
P2-S2-230413MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 7.769 min
Delta R.T.: -0.009 min
Response: 22887136
Conc: 11.54 ng/ml