

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
 Data File : PL081006.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Feb 2023 15:55
 Operator : AR\AJ
 Sample : 01581-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MH-CMS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/20/2023
 Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 17 22:12:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.689	34744544	32821126	16.199	14.943
28)	SA Decachlor...	8.790	7.833	27308217	33788550	15.598	14.182
Target Compounds							
2)	A alpha-BHC	3.801	3.189	163.9E6	153.0E6	51.732	48.111
3)	MA gamma-BHC...	4.129	3.517	154.2E6	144.1E6	52.444	48.249
4)	MA Heptachlor	4.713	3.857	153.7E6	149.5E6	52.025	46.974
5)	MB Aldrin	5.051	4.137	141.5E6	142.8E6	51.705	48.415
6)	B beta-BHC	4.326	3.814	68356212	64307937	50.077	48.184
7)	B delta-BHC	4.569	4.043	141.6E6	127.3E6	48.928	44.137
8)	B Heptachlo...	5.476	4.639	133.8E6	131.5E6	51.718	47.244
9)	A Endosulfan I	5.858	5.008	121.6E6	119.0E6	51.488	45.732
10)	B gamma-Chl...	5.731	4.888	131.0E6	134.5E6	51.851	47.466m
11)	B alpha-Chl...	5.810	4.954	130.0E6	130.6E6	51.503	45.589
12)	B 4,4'-DDE	5.988	5.145	115.2E6	116.3E6	51.734	49.304m
13)	MA Dieldrin	6.132	5.272	124.4E6	126.5E6	51.992	46.779m
14)	MA Endrin	6.357	5.547	107.5E6	109.9E6	49.694m	47.327m
15)	B Endosulfa...	6.579	5.842	84062929	103.7E6	36.671	49.749 #
16)	A 4,4'-DDD	6.501	5.700	99753259	96871726	54.451	51.549
17)	MA 4,4'-DDT	6.814	5.951	98223152	94940602	47.276	45.178
18)	B Endrin al...	6.708	6.022	82912344	83896529	49.845	45.943
19)	B Endosulfa...	6.941	6.245	102.9E6	108.2E6	49.702	46.518
20)	A Methoxychlor	7.292	6.529	52051013	54881806	47.178	45.227
21)	B Endrin ke...	7.421	6.750	111.7E6	122.3E6	50.619	47.900
22)	Mirex	7.893	6.933	85524945	101.7E6	49.730	44.662

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021723\
Data File : PL081006.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 17 Feb 2023 15:55
Operator : AR\AJ
Sample : 01581-04MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

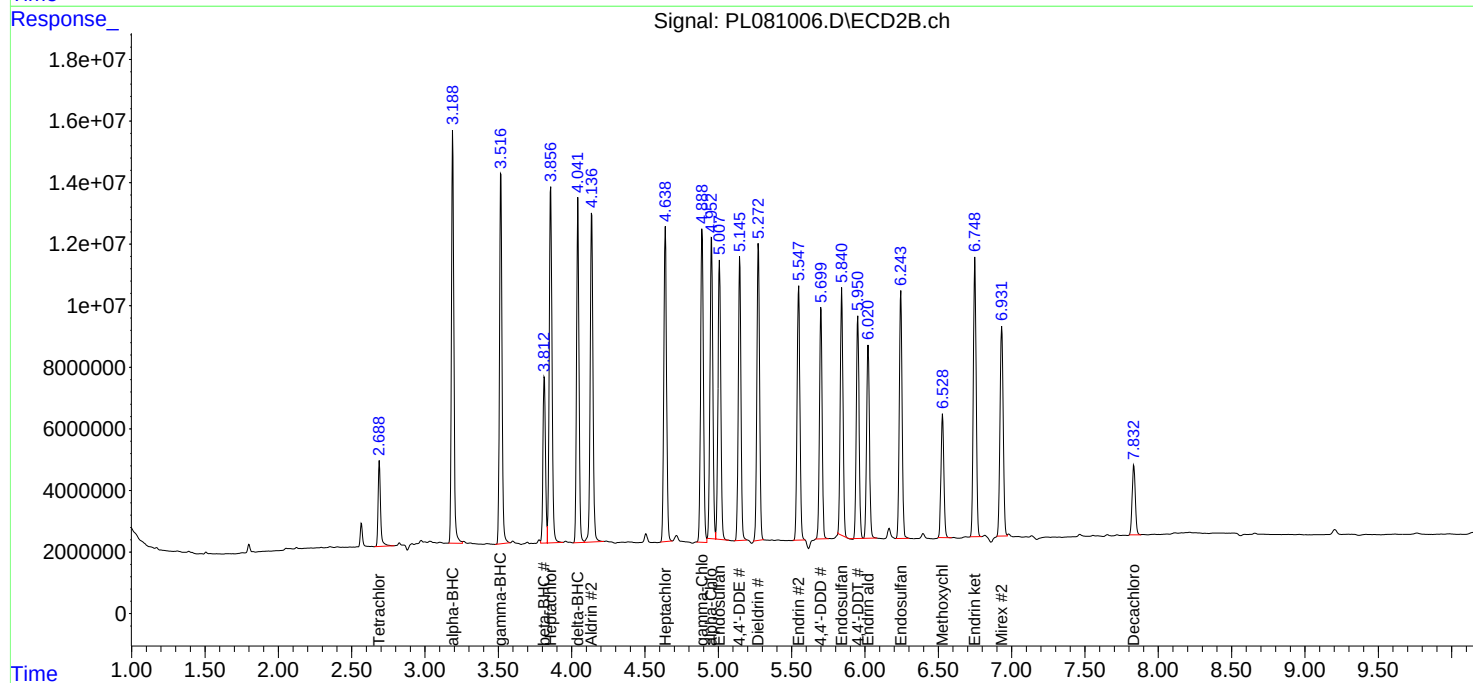
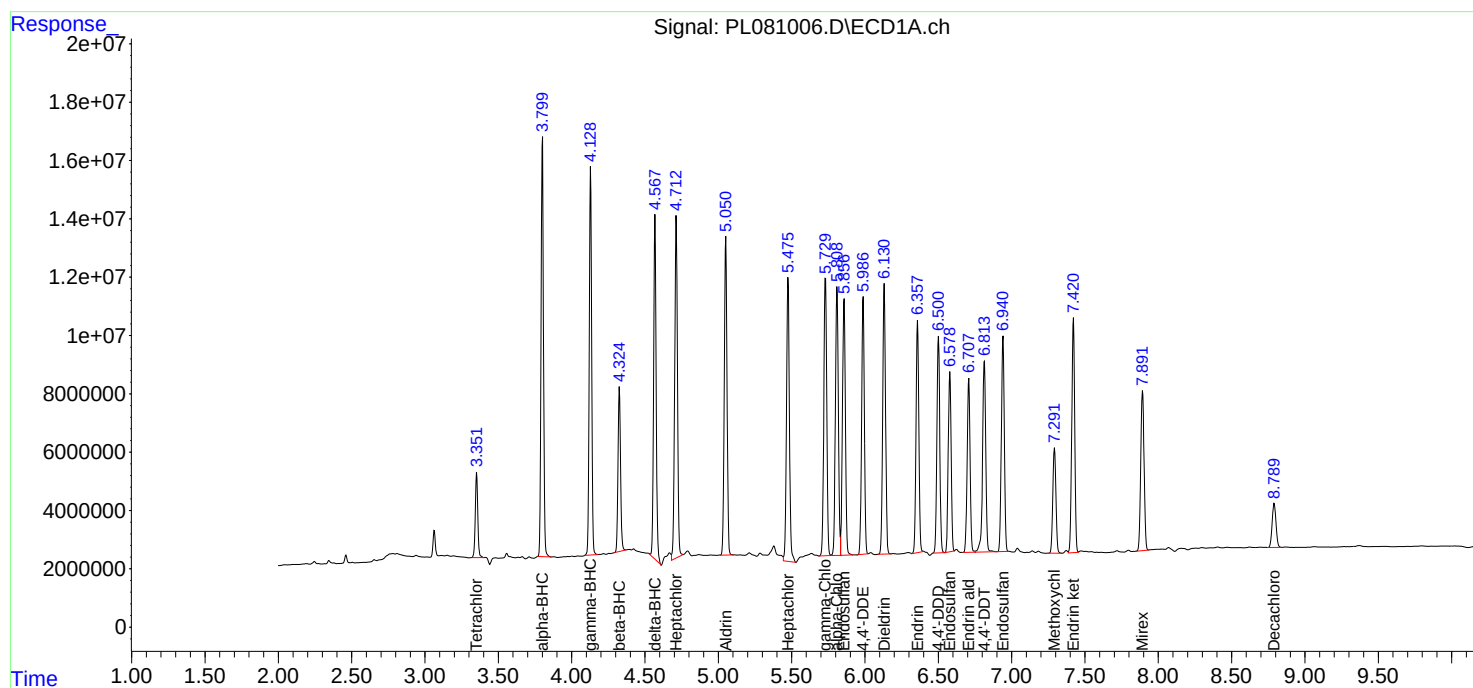
Instrument :
ECD_L
ClientSampleId :
MH-CMS

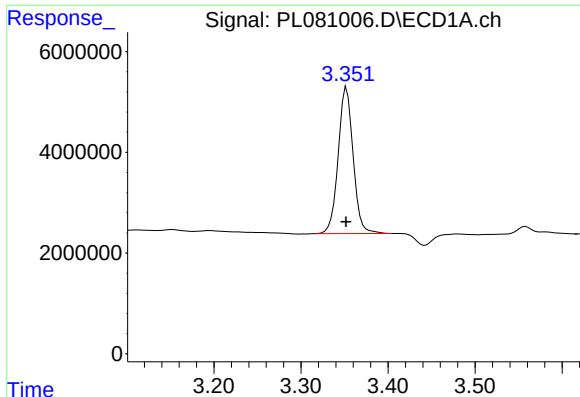
Manual Integrations
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Supervised By : Ankita Jodhani 02/20/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 17 22:12:43 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 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





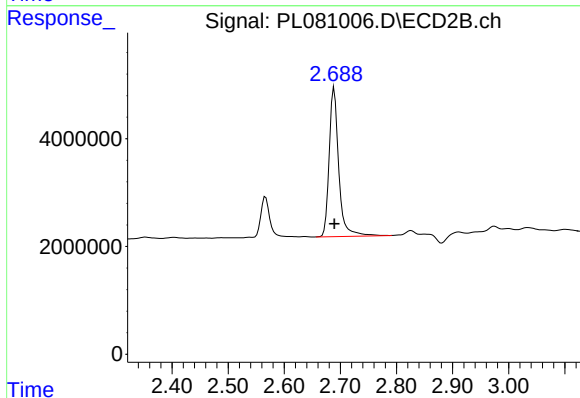
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 34744544
Conc: 16.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

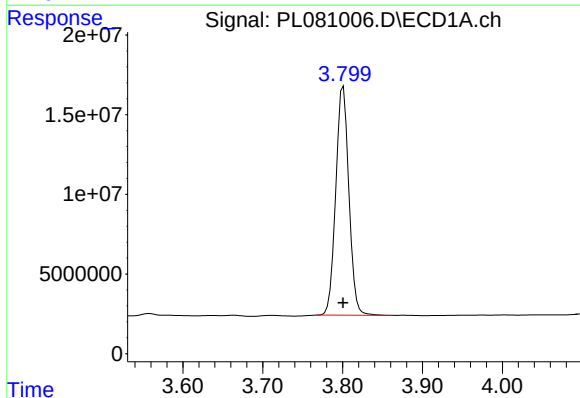
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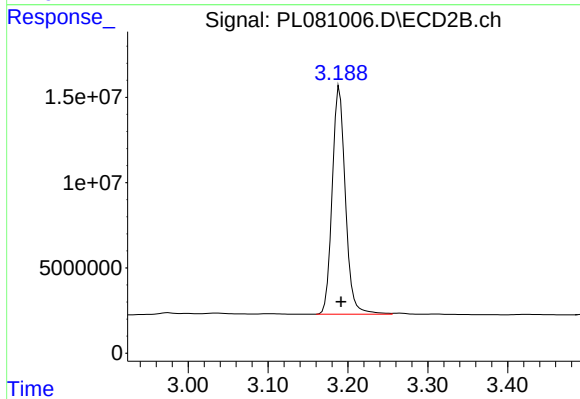
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 32821126
Conc: 14.94 ng/ml



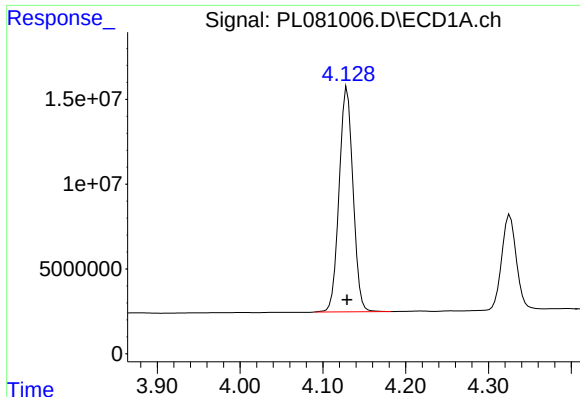
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 163888776
Conc: 51.73 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 153013620
Conc: 48.11 ng/ml



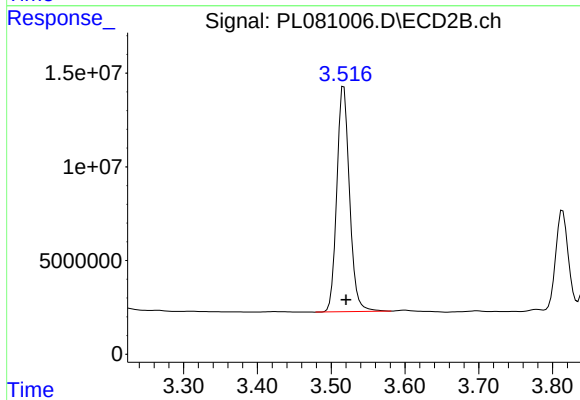
#3 gamma-BHC (Lindane)

R.T.: 4.129 min
Delta R.T.: 0.000 min
Response: 154174506
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

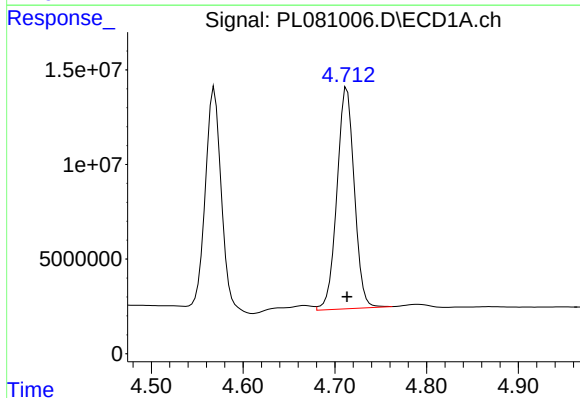
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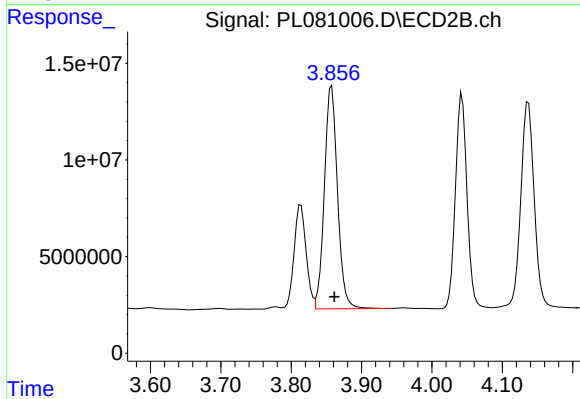
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 144135284
Conc: 48.25 ng/ml



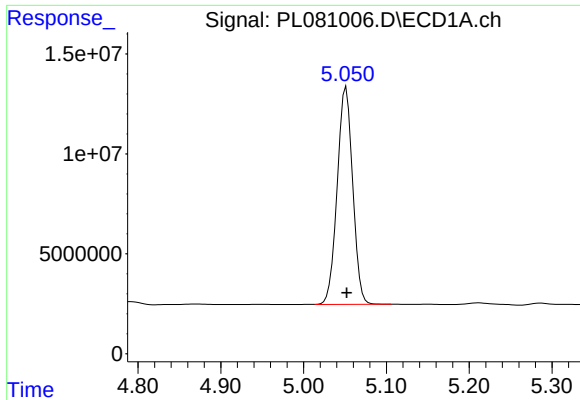
#4 Heptachlor

R.T.: 4.713 min
Delta R.T.: 0.000 min
Response: 153745509
Conc: 52.03 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 149487092
Conc: 46.97 ng/ml



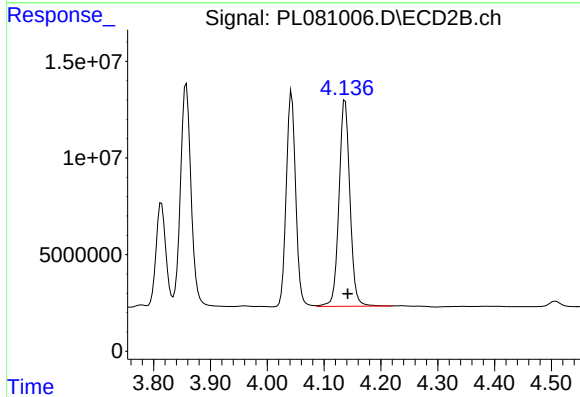
#5 Aldrin

R.T.: 5.051 min
Delta R.T.: 0.000 min
Response: 141452396
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

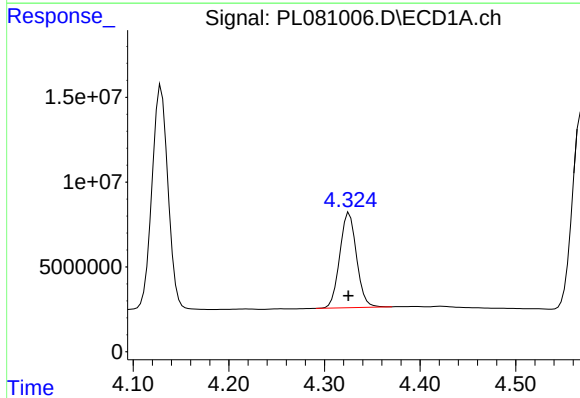
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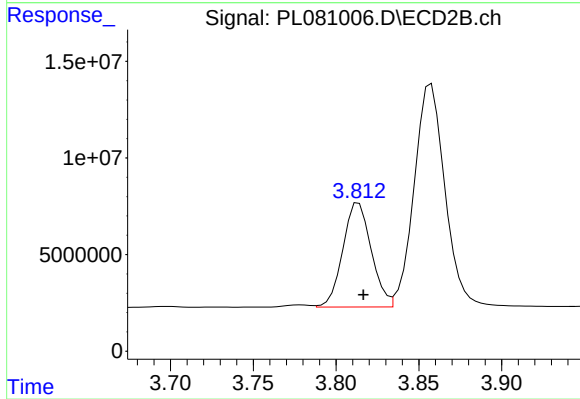
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 142803727
Conc: 48.42 ng/ml



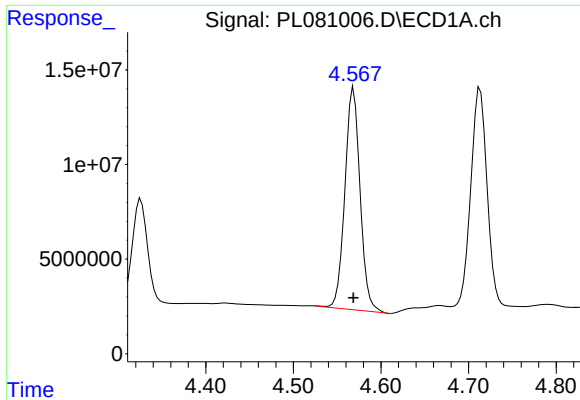
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 68356212
Conc: 50.08 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 64307937
Conc: 48.18 ng/ml



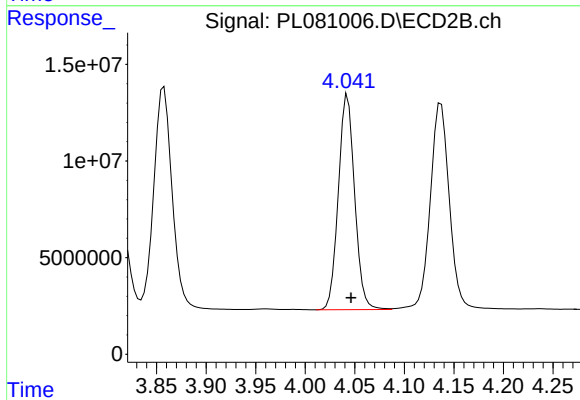
#7 delta-BHC

R.T.: 4.569 min
Delta R.T.: 0.000 min
Response: 141645820
Conc: 48.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

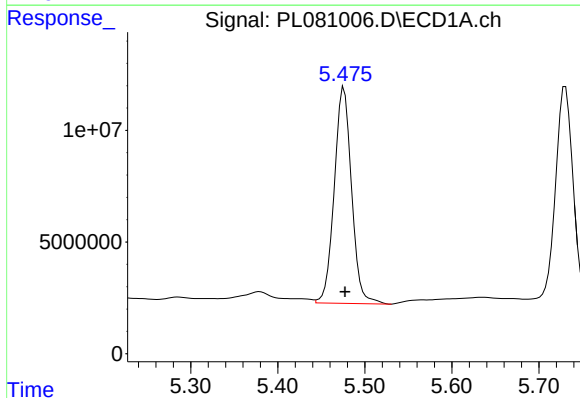
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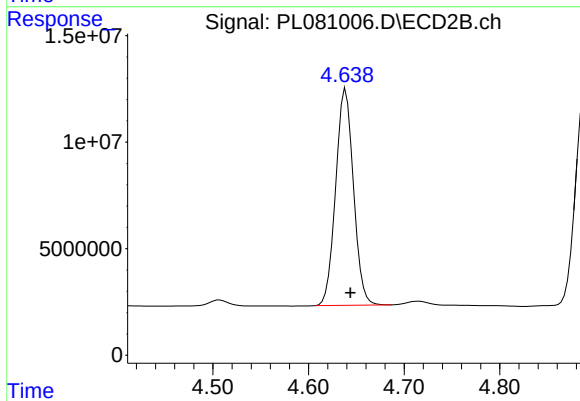
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.004 min
Response: 127310976
Conc: 44.14 ng/ml



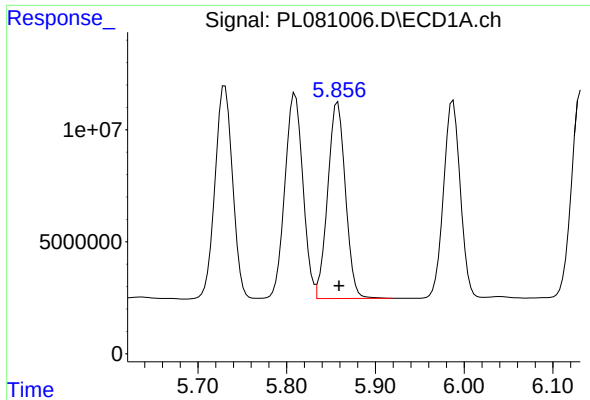
#8 Heptachlor epoxide

R.T.: 5.476 min
Delta R.T.: 0.000 min
Response: 133797484
Conc: 51.72 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 131450029
Conc: 47.24 ng/ml



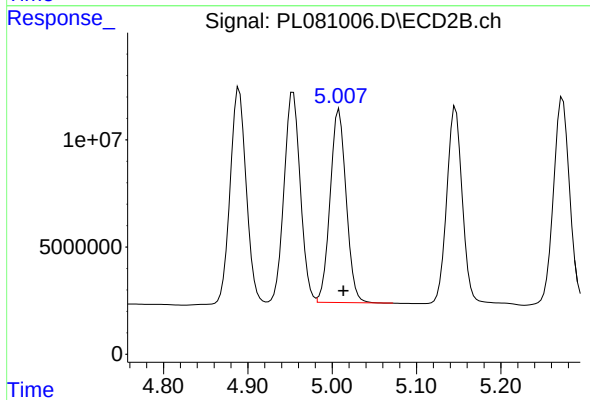
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: -0.001 min
Response: 121586504
Conc: 51.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

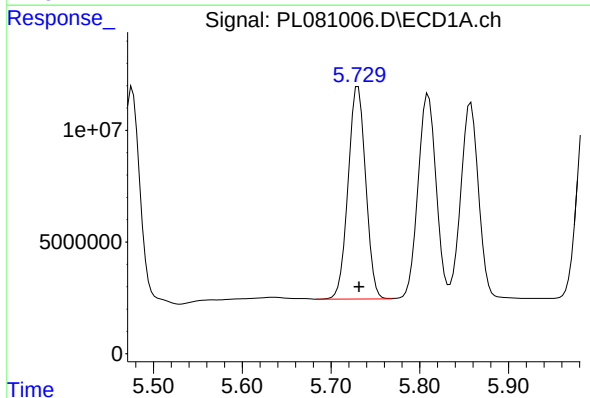
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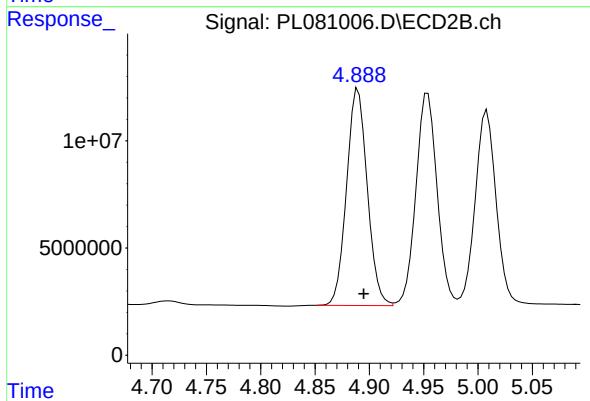
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 118963642
Conc: 45.73 ng/ml



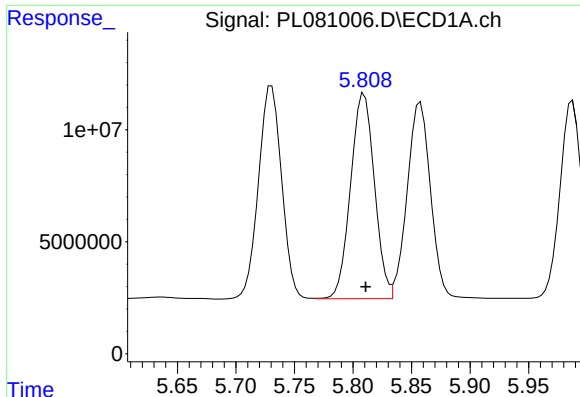
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: -0.001 min
Response: 130960945
Conc: 51.85 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.006 min
Response: 134531205
Conc: 47.47 ng/ml m



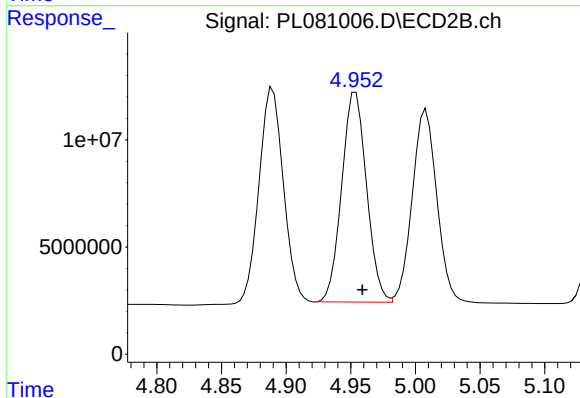
#11 alpha-Chlordane

R.T.: 5.810 min
Delta R.T.: -0.001 min
Response: 130007910
Conc: 51.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

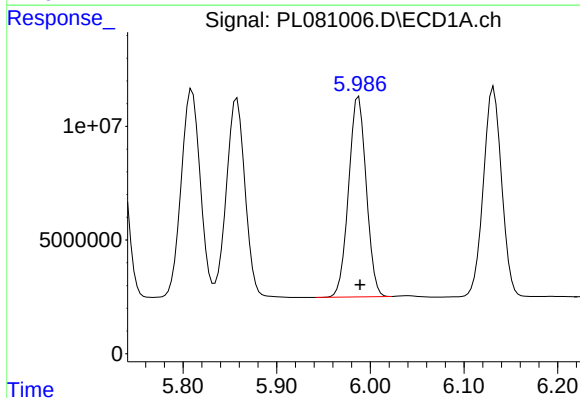
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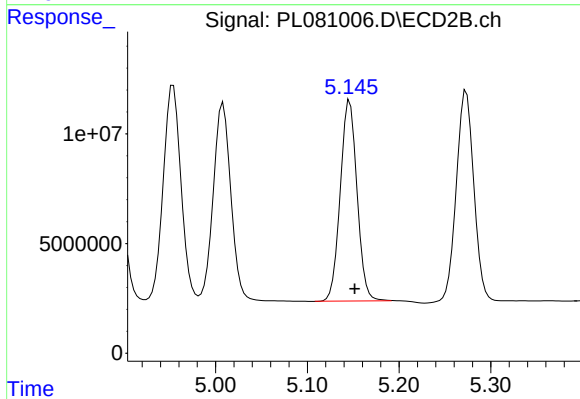
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 130597071
Conc: 45.59 ng/ml



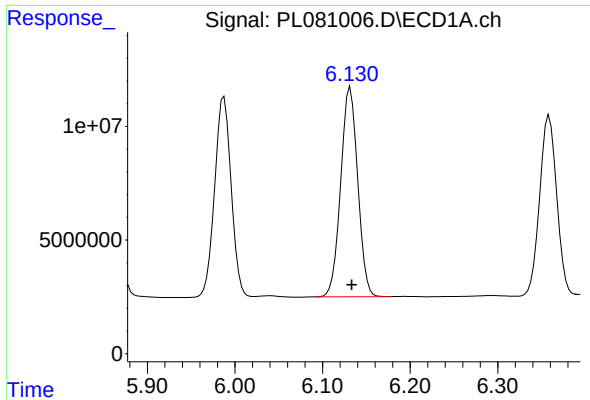
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: -0.001 min
Response: 115228720
Conc: 51.73 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 116299045
Conc: 49.30 ng/ml m



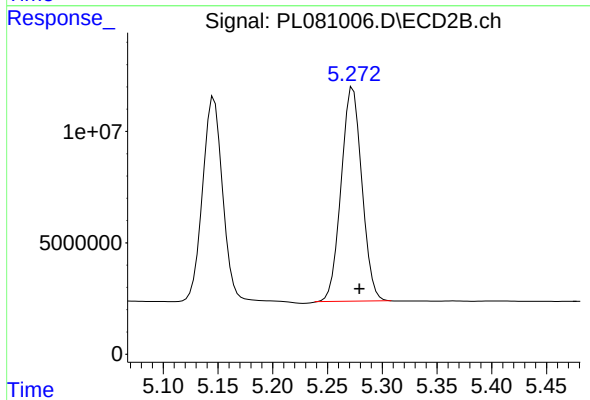
#13 Dieldrin

R.T.: 6.132 min
Delta R.T.: -0.002 min
Response: 124434493
Conc: 51.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

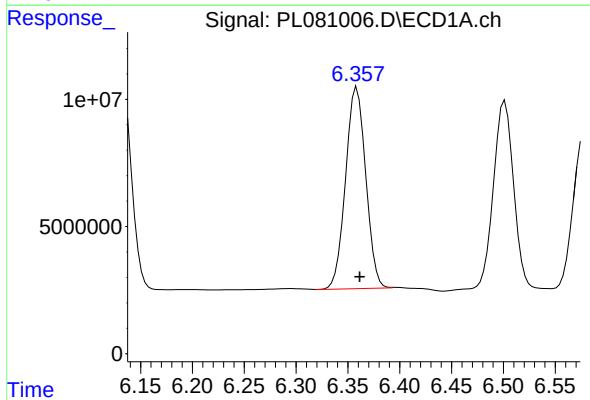
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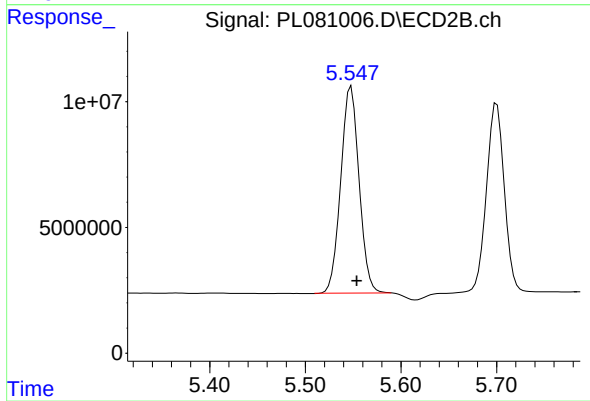
#13 Dieldrin

R.T.: 5.272 min
Delta R.T.: -0.007 min
Response: 126536093
Conc: 46.78 ng/ml m



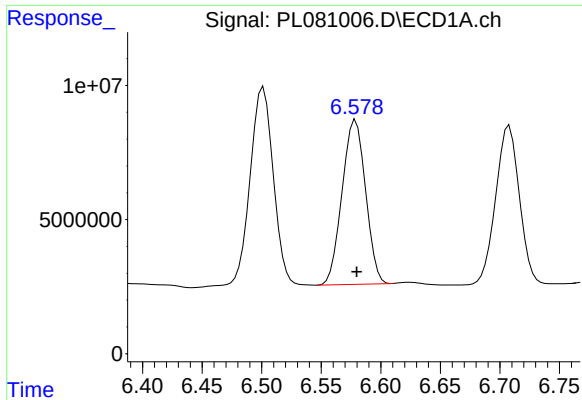
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.004 min
Response: 107472171
Conc: 49.69 ng/ml m



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 109854656
Conc: 47.33 ng/ml m



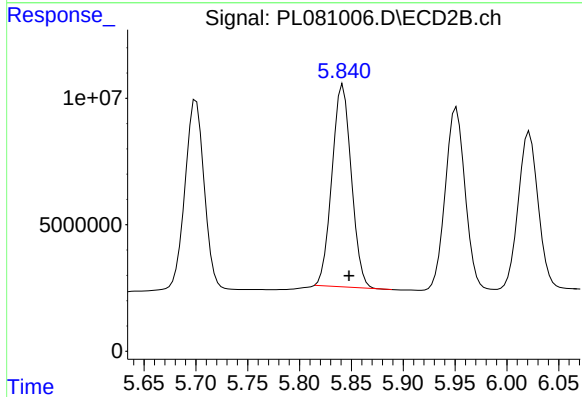
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: 0.000 min
Response: 84062929
Conc: 36.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

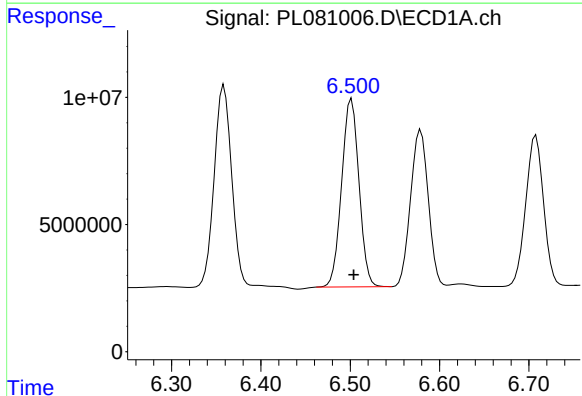
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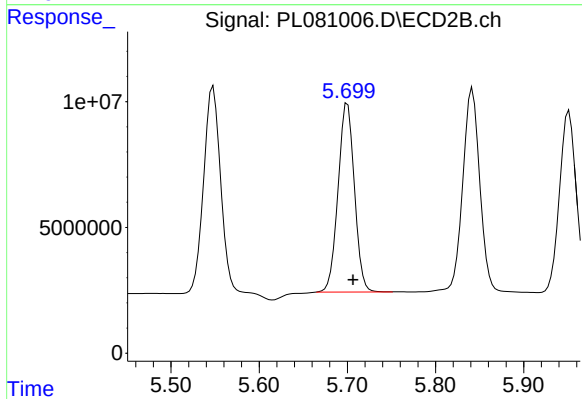
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 103662617
Conc: 49.75 ng/ml



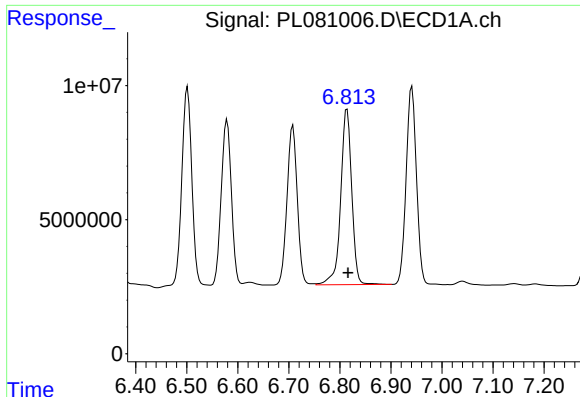
#16 4,4'-DDD

R.T.: 6.501 min
Delta R.T.: -0.002 min
Response: 99753259
Conc: 54.45 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 96871726
Conc: 51.55 ng/ml



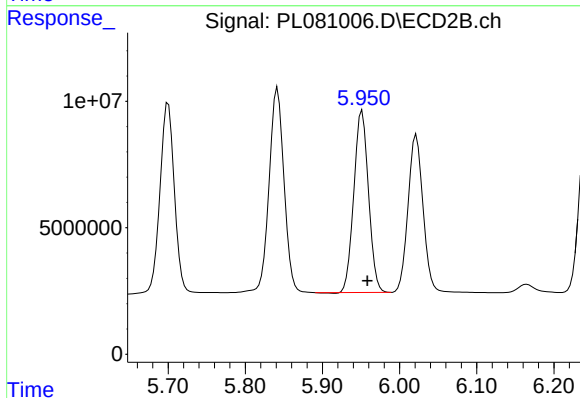
#17 4,4'-DDT

R.T.: 6.814 min
Delta R.T.: -0.002 min
Response: 98223152
Conc: 47.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

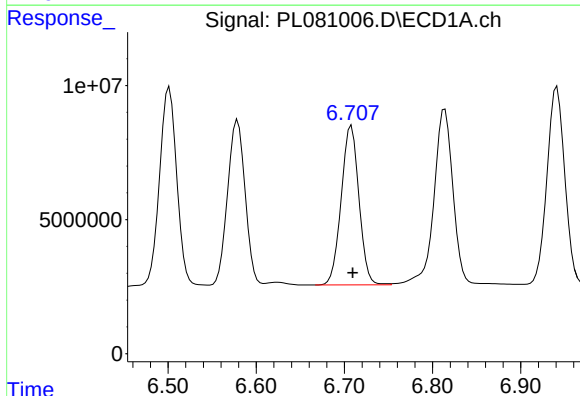
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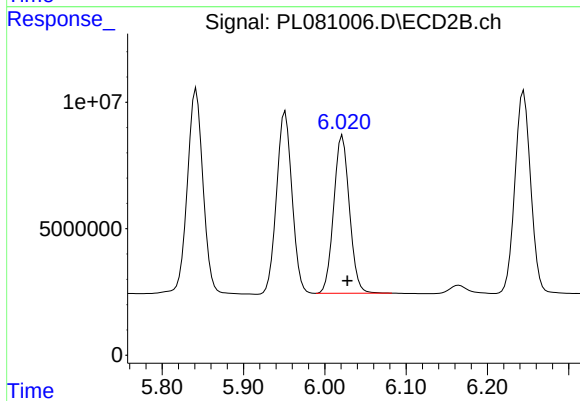
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 94940602
Conc: 45.18 ng/ml



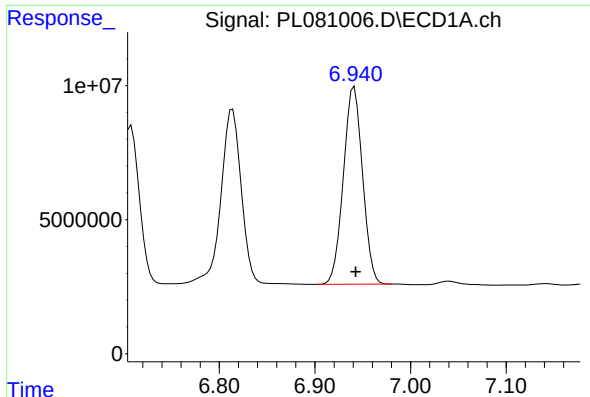
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 82912344
Conc: 49.84 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 83896529
Conc: 45.94 ng/ml



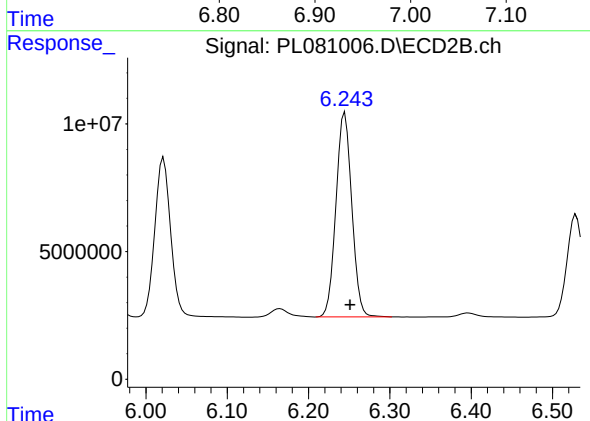
#19 Endosulfan Sulfate

R.T.: 6.941 min
Delta R.T.: -0.002 min
Response: 102879263
Conc: 49.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

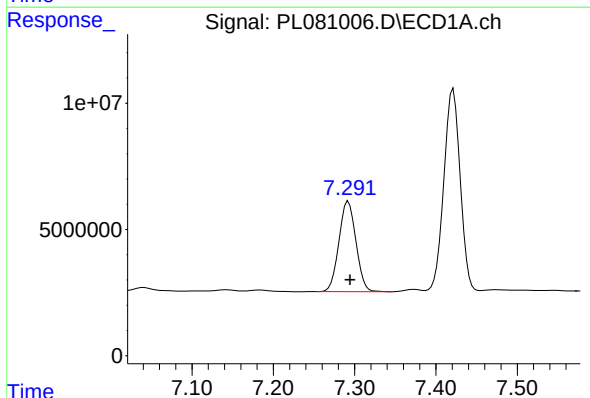
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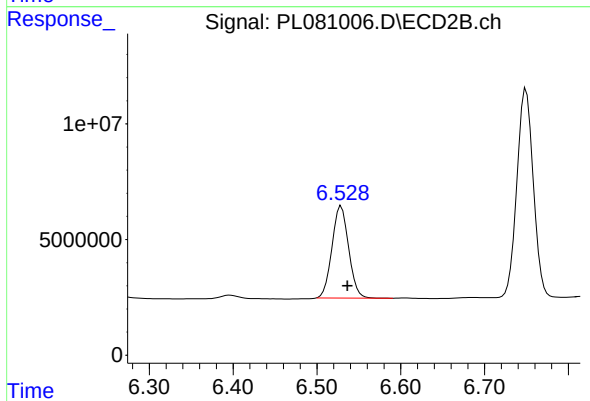
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 108185375
Conc: 46.52 ng/ml



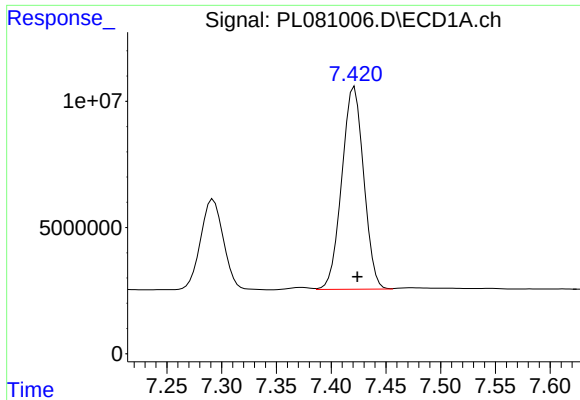
#20 Methoxychlor

R.T.: 7.292 min
Delta R.T.: -0.002 min
Response: 52051013
Conc: 47.18 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.007 min
Response: 54881806
Conc: 45.23 ng/ml



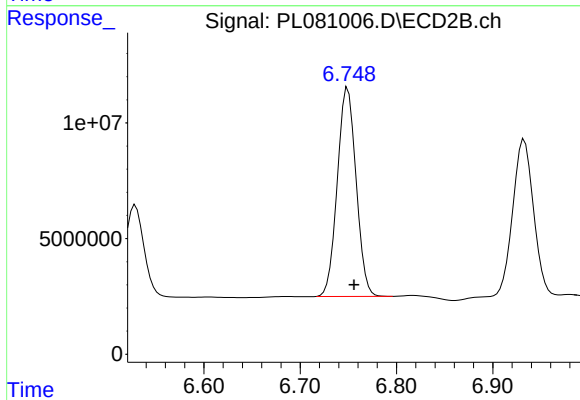
#21 Endrin ketone

R.T.: 7.421 min
Delta R.T.: -0.003 min
Response: 111682886
Conc: 50.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

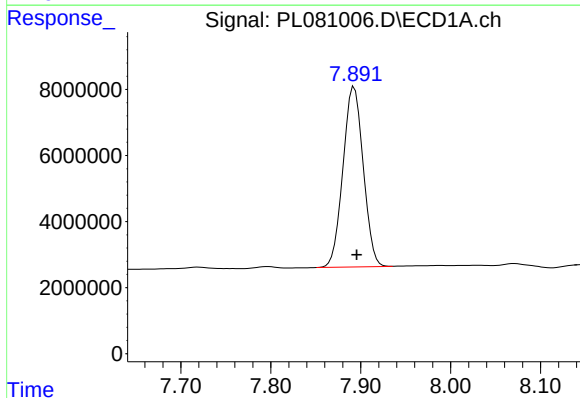
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Supervised By :Ankita Jodhani 02/20/2023



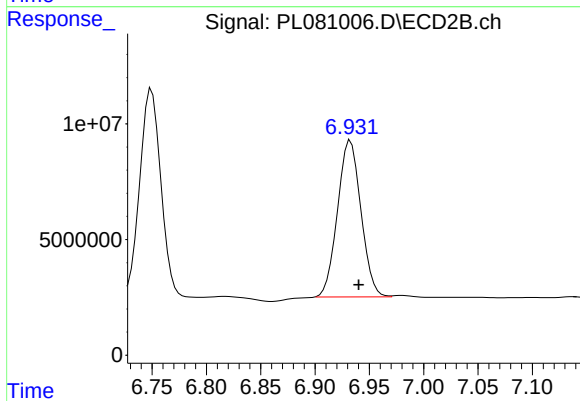
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 122298474
Conc: 47.90 ng/ml



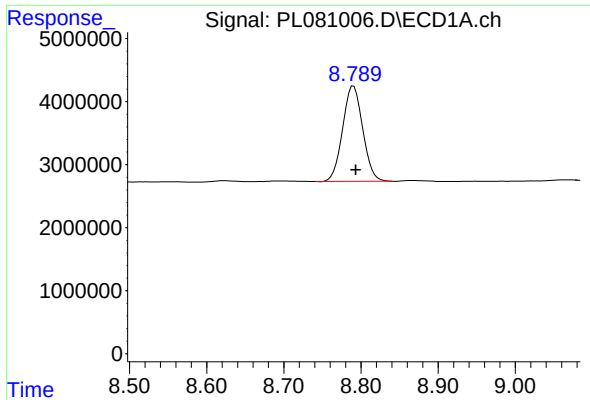
#22 Mirex

R.T.: 7.893 min
Delta R.T.: -0.003 min
Response: 85524945
Conc: 49.73 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 101682994
Conc: 44.66 ng/ml



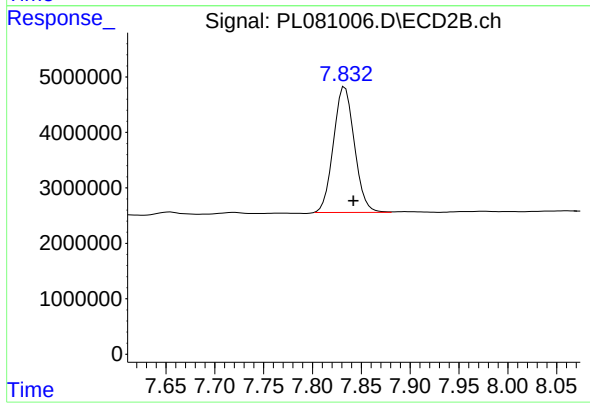
#28 Decachlorobiphenyl

R.T.: 8.790 min
Delta R.T.: -0.003 min
Response: 27308217
Conc: 15.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
MH-CMS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/20/2023
Supervised By :Ankita Jodhani 02/20/2023



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 33788550
Conc: 14.18 ng/ml