

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
 Data File : PL080928.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Feb 2023 10:43
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/16/2023
 Supervised By : Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 15 20:24:52 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...	3.357	2.686	103.3E6	105.4E6	48.144	47.983
28)	SA Decachlor...	8.794	7.833	81606168	105.8E6	46.612	44.425
Target Compounds							
2)	A alpha-BHC	3.805	3.187	160.1E6	153.6E6	50.530	48.281
3)	MA gamma-BHC...	4.134	3.516	149.0E6	143.5E6	50.687	48.053
4)	MA Heptachlor	4.717	3.856	148.1E6	152.3E6	50.102	47.868
5)	MB Aldrin	5.055	4.136	132.9E6	138.6E6	48.596	46.999
6)	B beta-BHC	4.330	3.812	62844147	62539791	46.039	46.859
7)	B delta-BHC	4.573	4.042	141.7E6	139.3E6	48.945	48.296
8)	B Heptachlo...	5.480	4.638	117.5E6	129.1E6	45.428	46.383
9)	A Endosulfan I	5.862	5.007	114.6E6	119.3E6	48.515	45.862
10)	B gamma-Chl...	5.735	4.888	122.9E6	131.5E6	48.643	46.383m
11)	B alpha-Chl...	5.813	4.953	122.8E6	129.0E6	48.645	45.018
12)	B 4,4'-DDE	5.992	5.144	107.8E6	108.7E6	48.381	46.096m
13)	MA Dieldrin	6.136	5.273	117.0E6	123.6E6	48.898	45.679
14)	MA Endrin	6.362	5.547	104.7E6	109.6E6	48.406	47.218
15)	B Endosulfa...	6.581	5.840	98599424	103.1E6	43.013	49.477m
16)	A 4,4'-DDD	6.505	5.699	90797679	88935181	49.562	47.326
17)	MA 4,4'-DDT	6.819	5.951	99685641	101.0E6	47.980	48.060
18)	B Endrin al...	6.711	6.021	79765417	84739437	47.953	46.404
19)	B Endosulfa...	6.945	6.244	101.8E6	109.3E6	49.191	46.984
20)	A Methoxychlor	7.296	6.529	53442622	56689322	48.439	46.717
21)	B Endrin ke...	7.424	6.749	107.7E6	122.2E6	48.828	47.880
22)	Mirex	7.896	6.932	80339567	104.4E6	46.715	45.837

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021523\
Data File : PL080928.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 15 Feb 2023 10:43
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

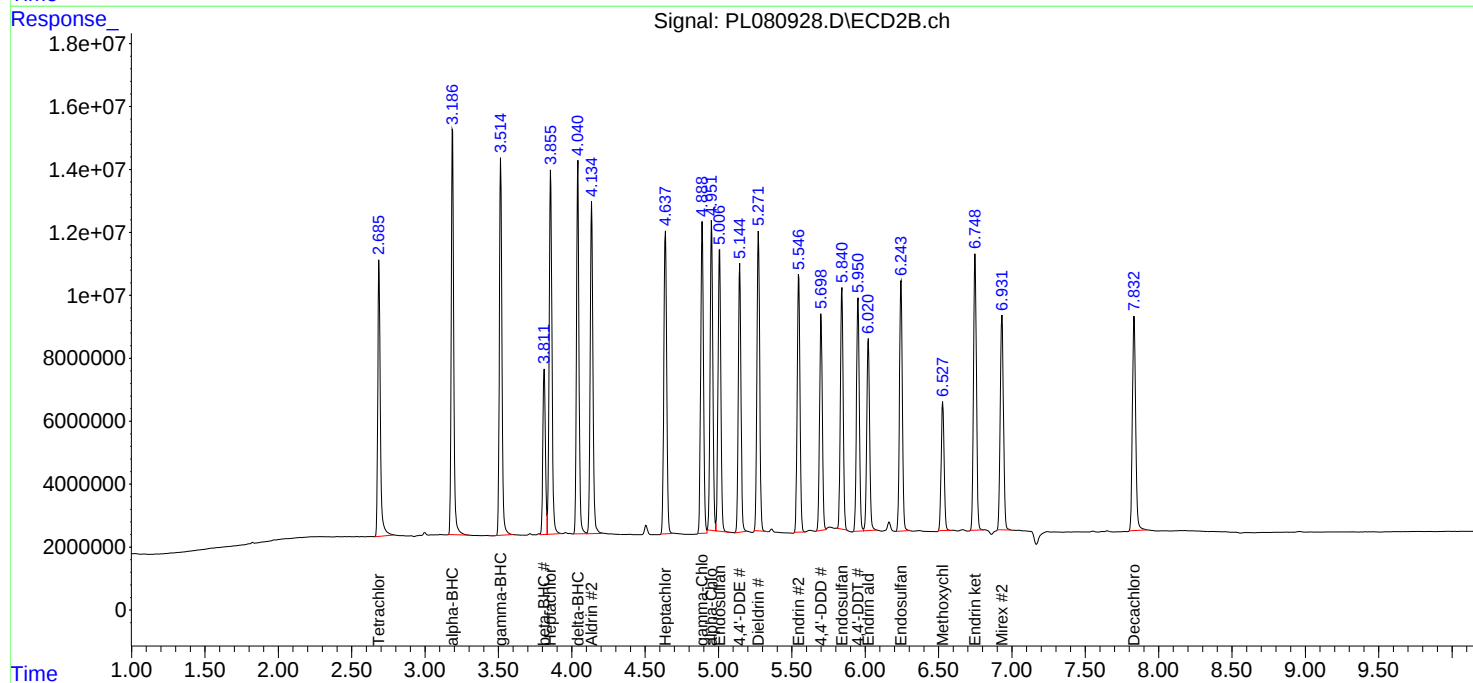
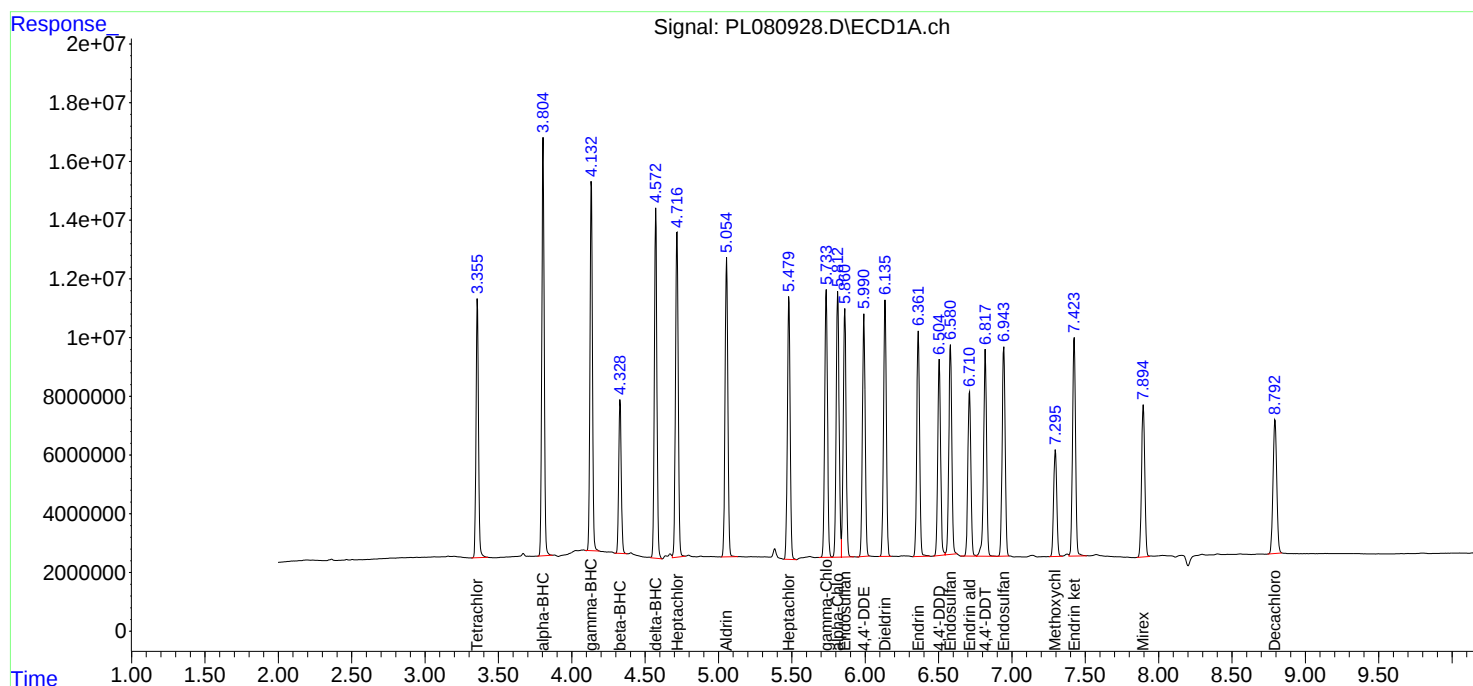
APPROVED

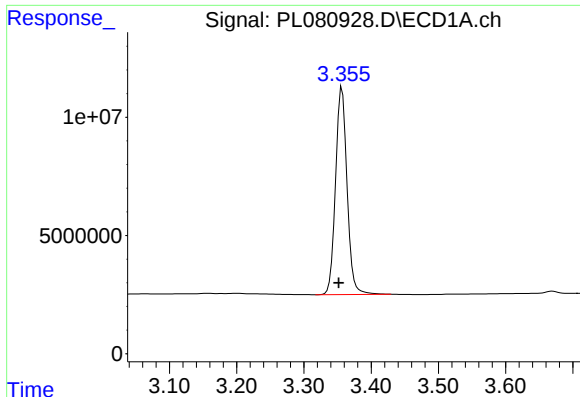
Reviewed By :Abdul Mirza 02/16/2023

Supervised By :Ankita Jodhani 02/16/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 15 20:24:52 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
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





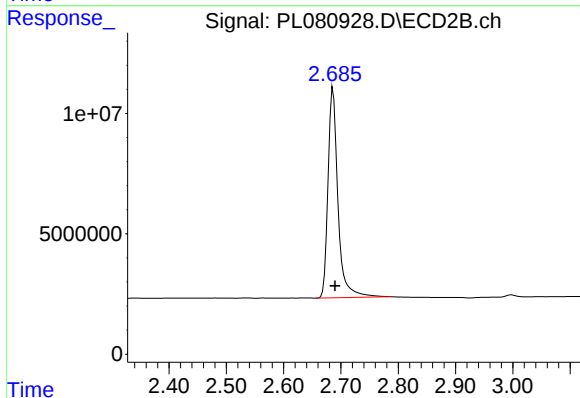
#1 Tetrachloro-m-xylene

R.T.: 3.357 min
Delta R.T.: 0.005 min
Response: 103261262
Conc: 48.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

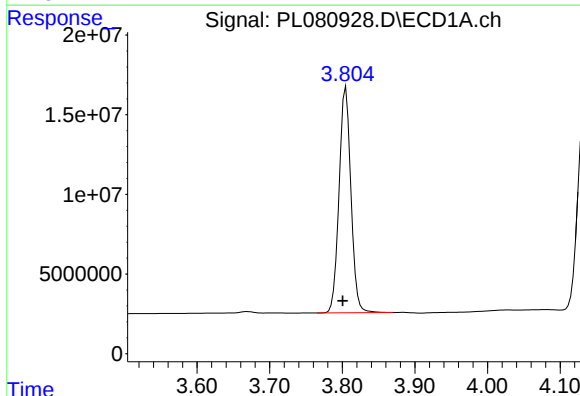
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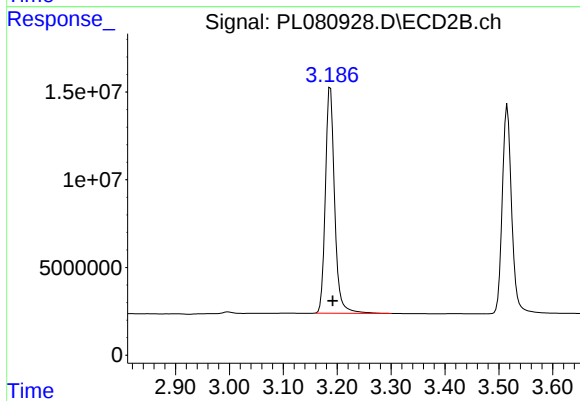
#1 Tetrachloro-m-xylene

R.T.: 2.686 min
Delta R.T.: -0.003 min
Response: 105393426
Conc: 47.98 ng/ml



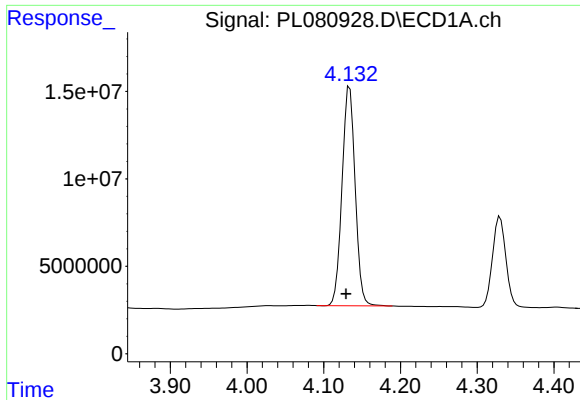
#2 alpha-BHC

R.T.: 3.805 min
Delta R.T.: 0.004 min
Response: 160081765
Conc: 50.53 ng/ml



#2 alpha-BHC

R.T.: 3.187 min
Delta R.T.: -0.004 min
Response: 153552532
Conc: 48.28 ng/ml



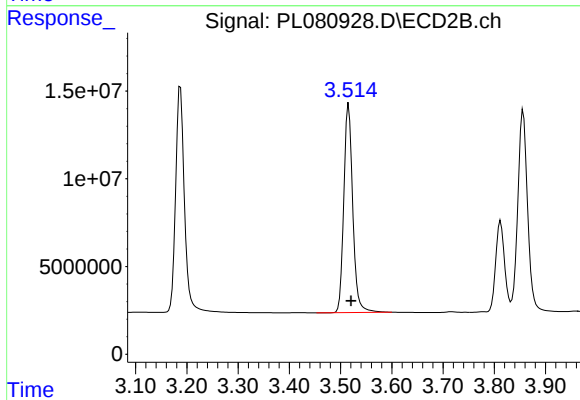
#3 gamma-BHC (Lindane)

R.T.: 4.134 min
Delta R.T.: 0.004 min
Response: 149008385
Conc: 50.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

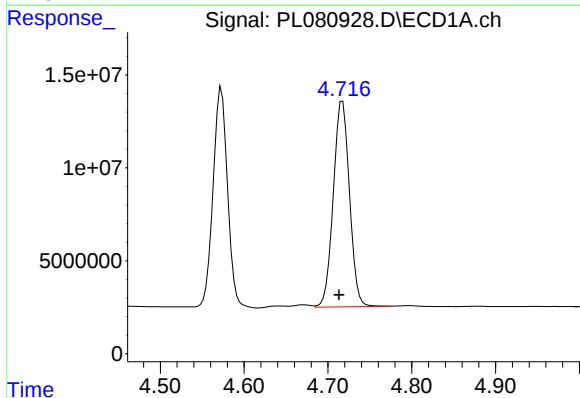
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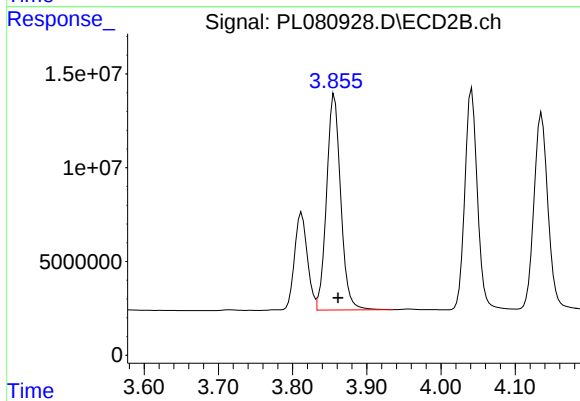
#3 gamma-BHC (Lindane)

R.T.: 3.516 min
Delta R.T.: -0.005 min
Response: 143549041
Conc: 48.05 ng/ml



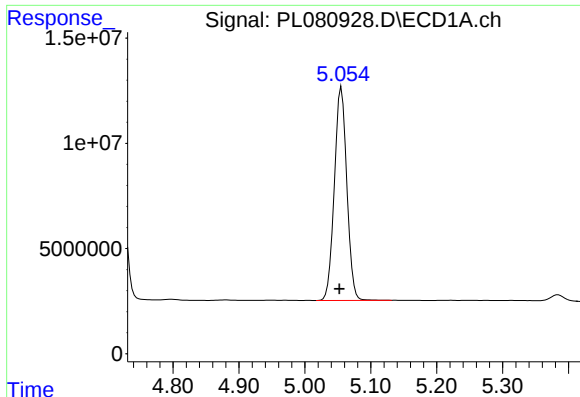
#4 Heptachlor

R.T.: 4.717 min
Delta R.T.: 0.004 min
Response: 148062008
Conc: 50.10 ng/ml



#4 Heptachlor

R.T.: 3.856 min
Delta R.T.: -0.005 min
Response: 152332947
Conc: 47.87 ng/ml



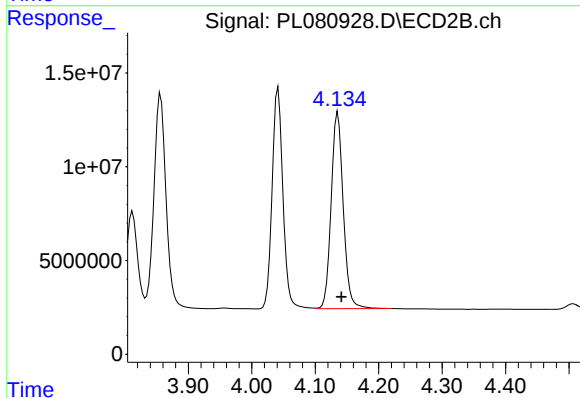
#5 Aldrin

R.T.: 5.055 min
Delta R.T.: 0.003 min
Response: 132947917
Conc: 48.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

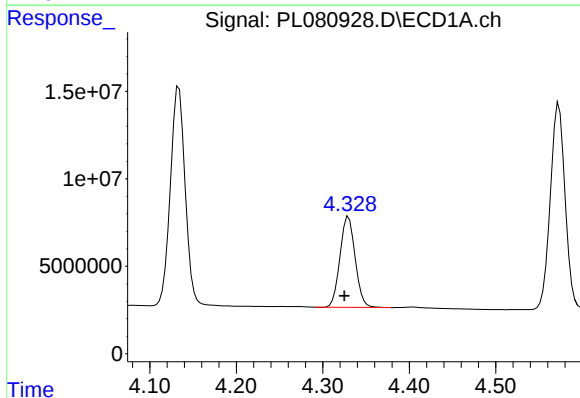
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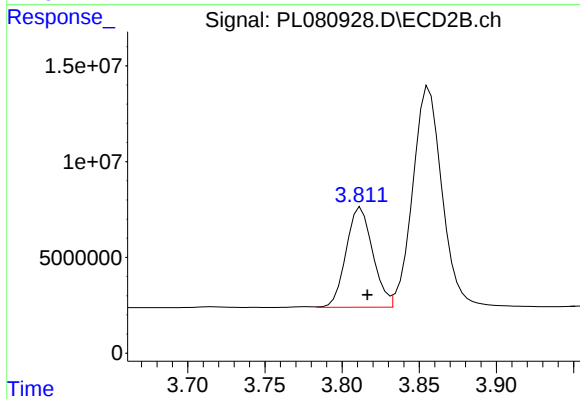
#5 Aldrin

R.T.: 4.136 min
Delta R.T.: -0.006 min
Response: 138626880
Conc: 47.00 ng/ml



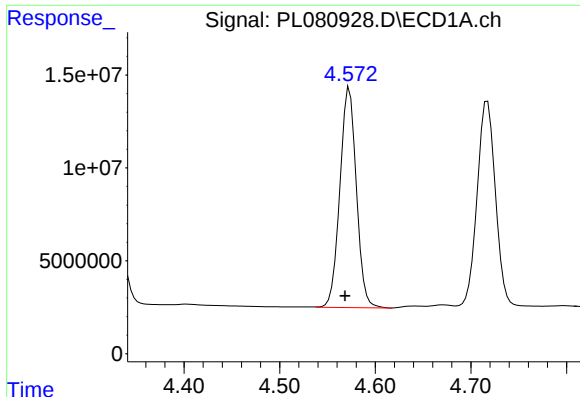
#6 beta-BHC

R.T.: 4.330 min
Delta R.T.: 0.005 min
Response: 62844147
Conc: 46.04 ng/ml



#6 beta-BHC

R.T.: 3.812 min
Delta R.T.: -0.004 min
Response: 62539791
Conc: 46.86 ng/ml



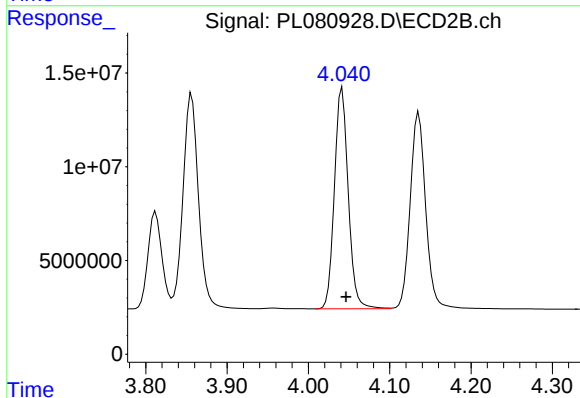
#7 delta-BHC

R.T.: 4.573 min
Delta R.T.: 0.005 min
Response: 141695051
Conc: 48.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

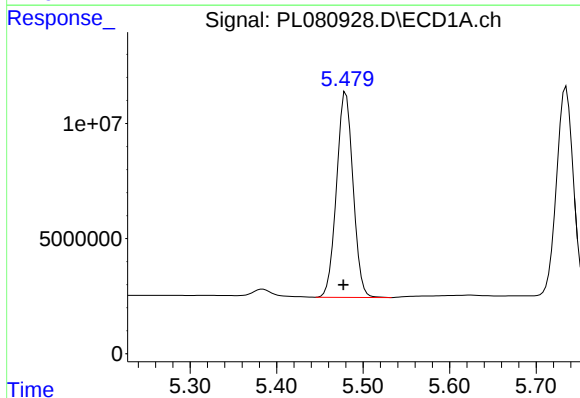
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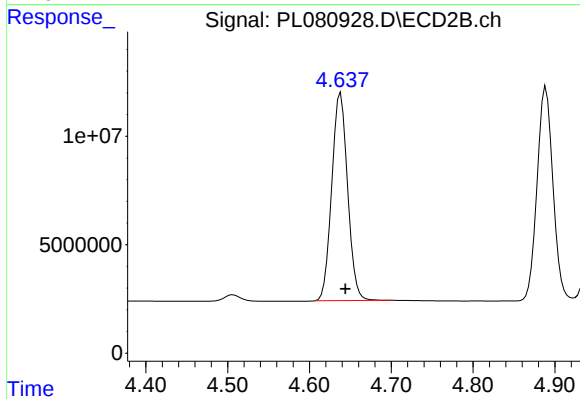
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.005 min
Response: 139307281
Conc: 48.30 ng/ml



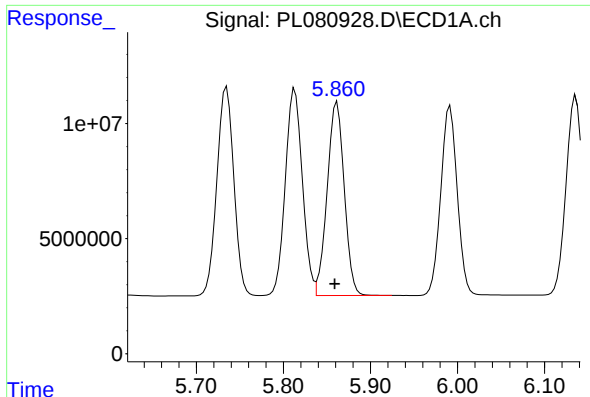
#8 Heptachlor epoxide

R.T.: 5.480 min
Delta R.T.: 0.003 min
Response: 117524232
Conc: 45.43 ng/ml



#8 Heptachlor epoxide

R.T.: 4.638 min
Delta R.T.: -0.006 min
Response: 129053112
Conc: 46.38 ng/ml



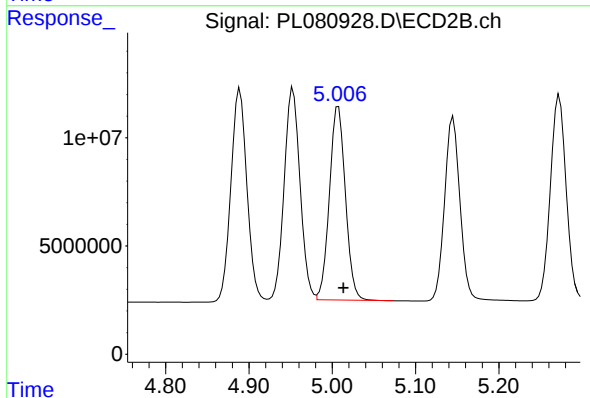
#9 Endosulfan I

R.T.: 5.862 min
Delta R.T.: 0.003 min
Response: 114565672
Conc: 48.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

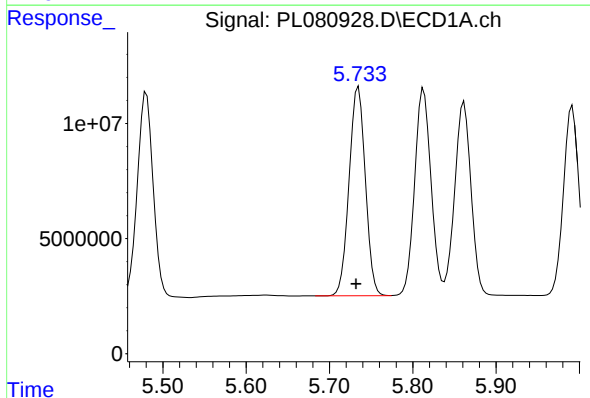
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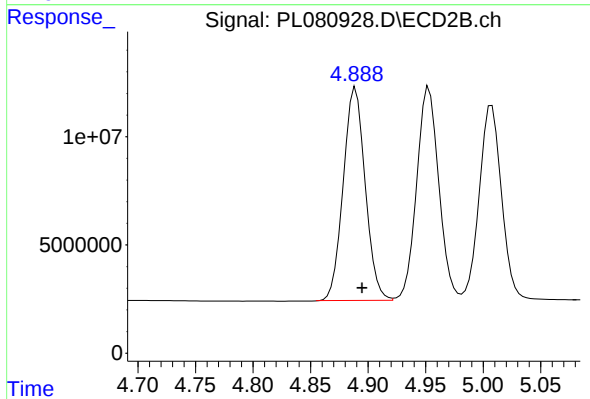
#9 Endosulfan I

R.T.: 5.007 min
Delta R.T.: -0.006 min
Response: 119301164
Conc: 45.86 ng/ml



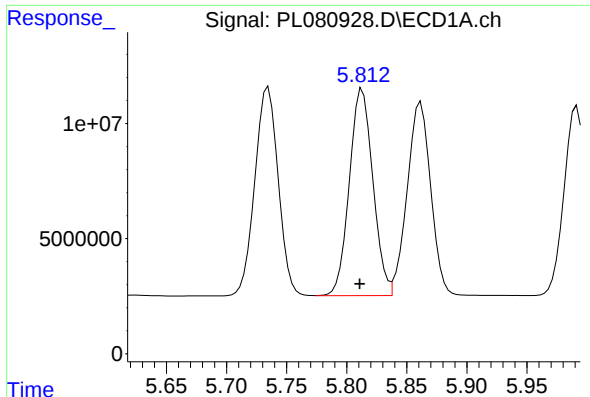
#10 gamma-Chlordane

R.T.: 5.735 min
Delta R.T.: 0.003 min
Response: 122859396
Conc: 48.64 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 131459011
Conc: 46.38 ng/ml m



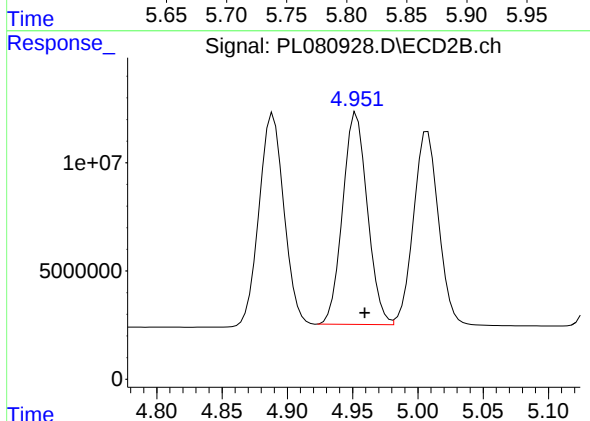
#11 alpha-Chlordane

R.T.: 5.813 min
Delta R.T.: 0.002 min
Response: 122794012
Conc: 48.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

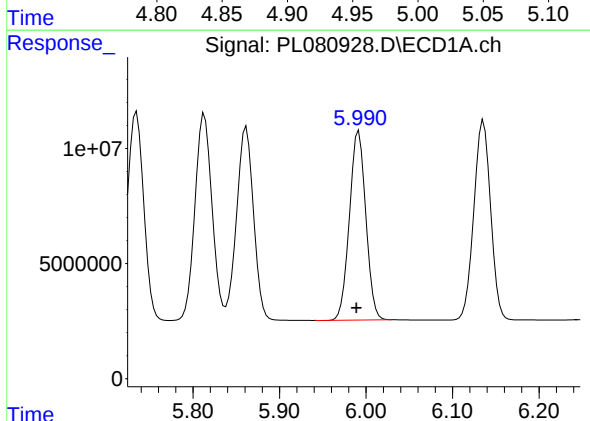
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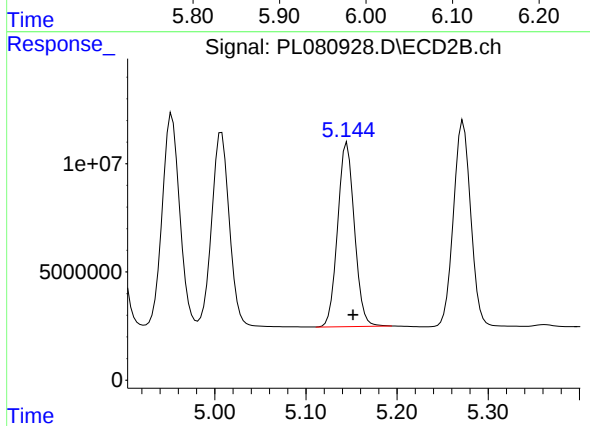
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 128963540
Conc: 45.02 ng/ml



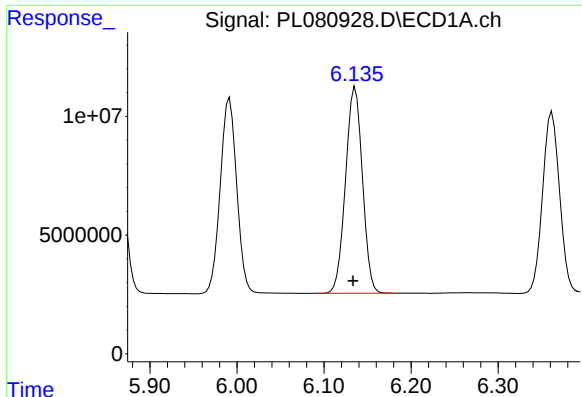
#12 4,4'-DDE

R.T.: 5.992 min
Delta R.T.: 0.003 min
Response: 107761401
Conc: 48.38 ng/ml



#12 4,4'-DDE

R.T.: 5.144 min
Delta R.T.: -0.008 min
Response: 108732070
Conc: 46.10 ng/ml m



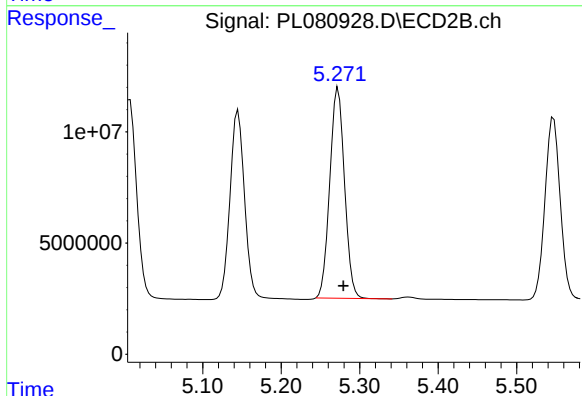
#13 Dieldrin

R.T.: 6.136 min
Delta R.T.: 0.003 min
Response: 117030815
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

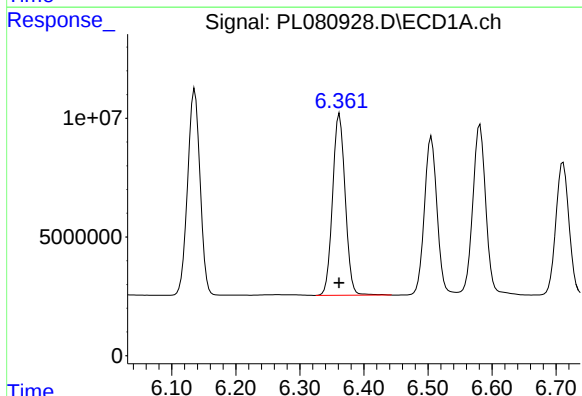
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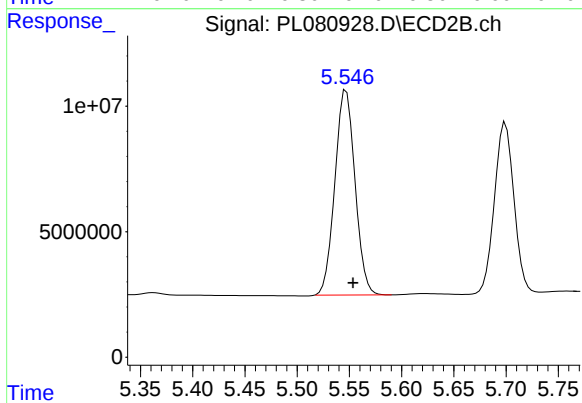
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.007 min
Response: 123559006
Conc: 45.68 ng/ml



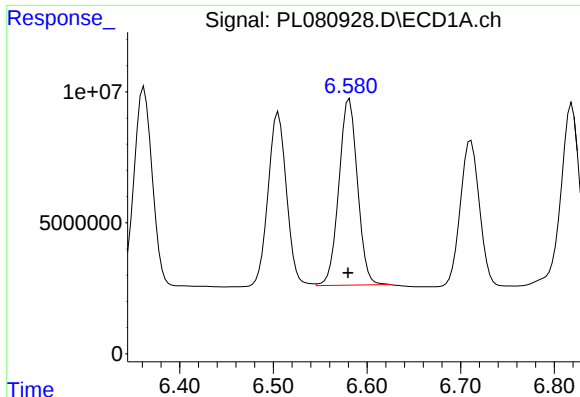
#14 Endrin

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 104688008
Conc: 48.41 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.007 min
Response: 109600665
Conc: 47.22 ng/ml



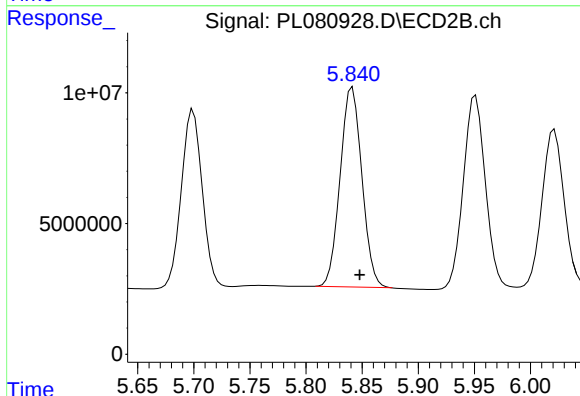
#15 Endosulfan II

R.T.: 6.581 min
Delta R.T.: 0.002 min
Response: 98599424
Conc: 43.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

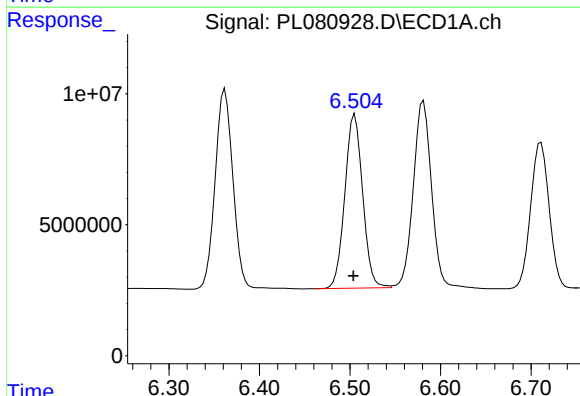
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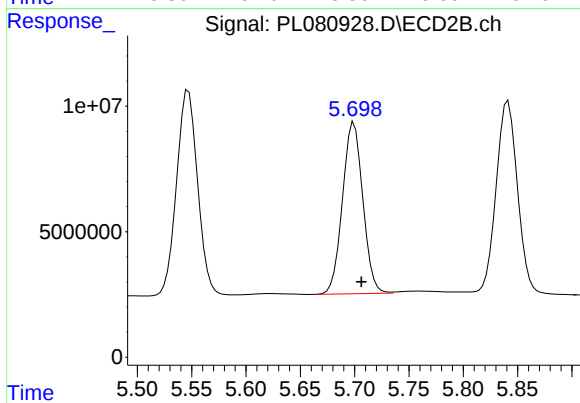
#15 Endosulfan II

R.T.: 5.840 min
Delta R.T.: -0.008 min
Response: 103095740
Conc: 49.48 ng/ml m



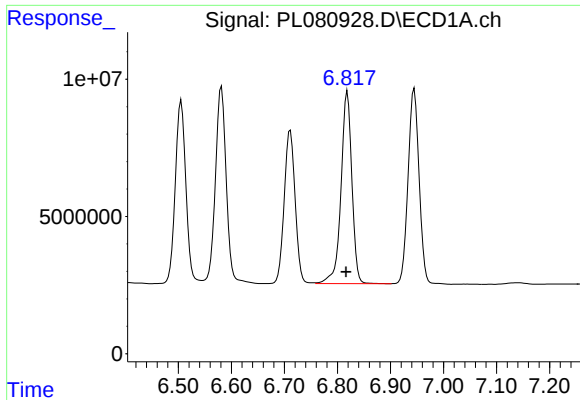
#16 4,4'-DDD

R.T.: 6.505 min
Delta R.T.: 0.002 min
Response: 90797679
Conc: 49.56 ng/ml



#16 4,4'-DDD

R.T.: 5.699 min
Delta R.T.: -0.007 min
Response: 88935181
Conc: 47.33 ng/ml



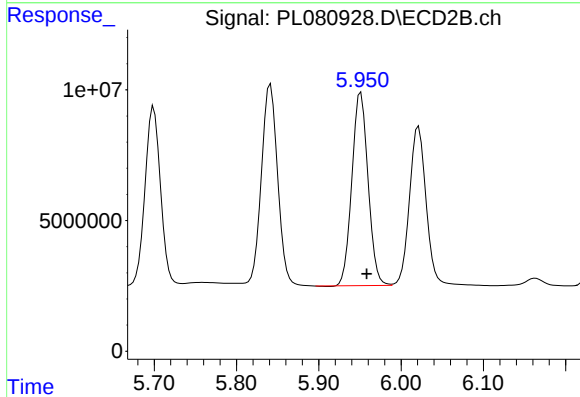
#17 4,4'-DDT

R.T.: 6.819 min
Delta R.T.: 0.003 min
Response: 99685641
Conc: 47.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

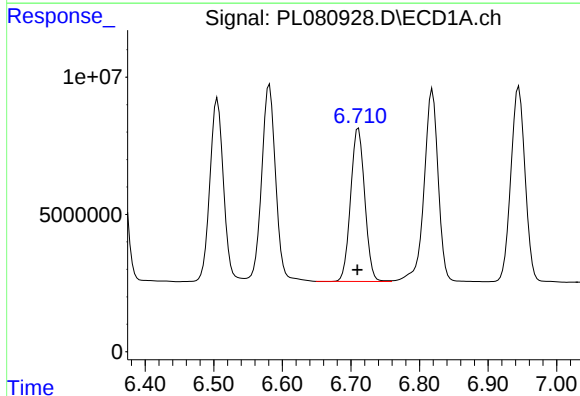
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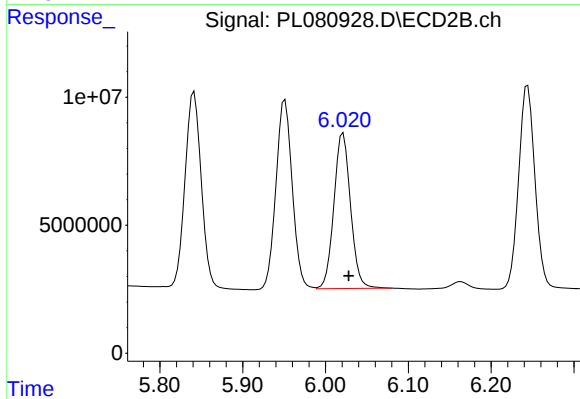
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 100997821
Conc: 48.06 ng/ml



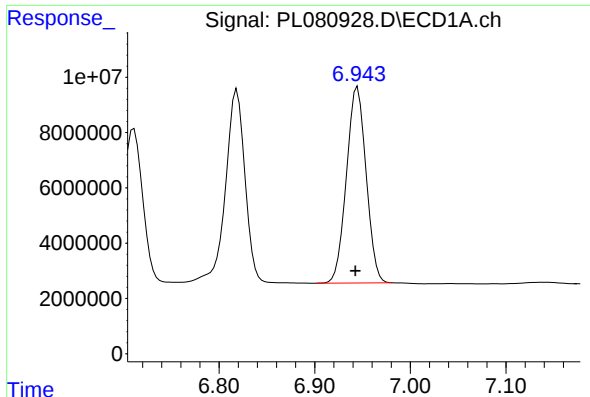
#18 Endrin aldehyde

R.T.: 6.711 min
Delta R.T.: 0.002 min
Response: 79765417
Conc: 47.95 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.007 min
Response: 84739437
Conc: 46.40 ng/ml



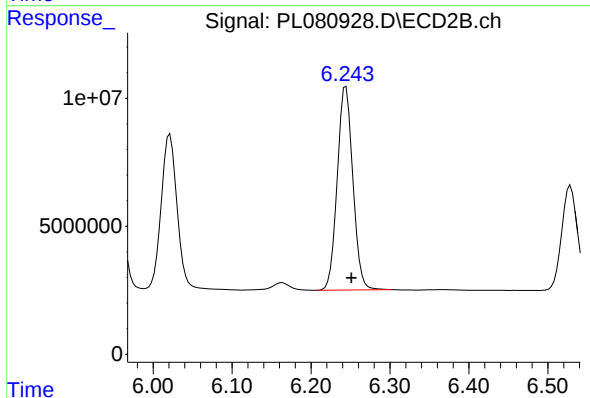
#19 Endosulfan Sulfate

R.T.: 6.945 min
Delta R.T.: 0.002 min
Response: 101820742
Conc: 49.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

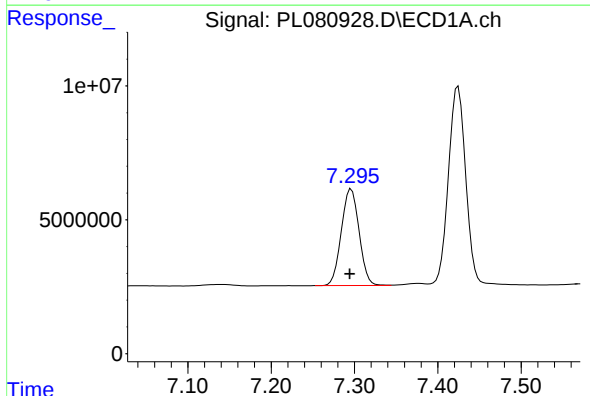
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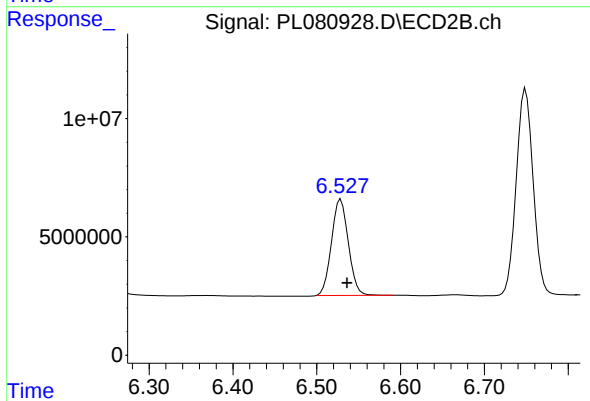
#19 Endosulfan Sulfate

R.T.: 6.244 min
Delta R.T.: -0.007 min
Response: 109269302
Conc: 46.98 ng/ml



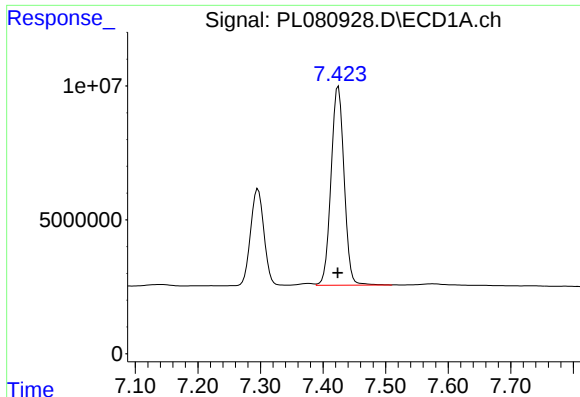
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.002 min
Response: 53442622
Conc: 48.44 ng/ml



#20 Methoxychlor

R.T.: 6.529 min
Delta R.T.: -0.008 min
Response: 56689322
Conc: 46.72 ng/ml



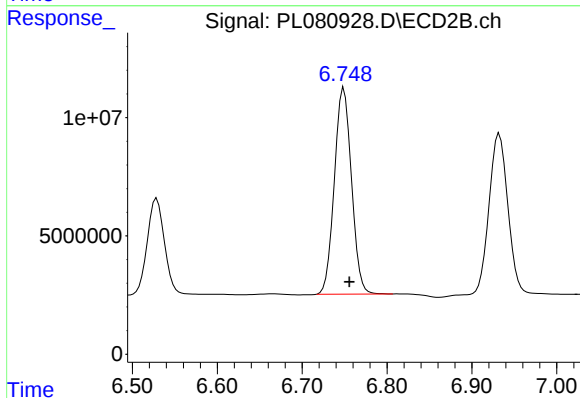
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 107730324
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

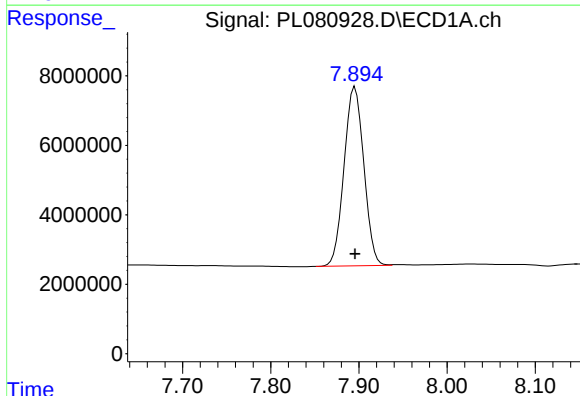
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/16/2023
Supervised By :Ankita Jodhani 02/16/2023



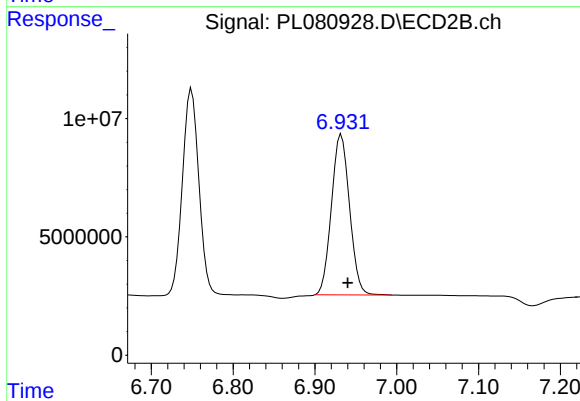
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 122247236
Conc: 47.88 ng/ml



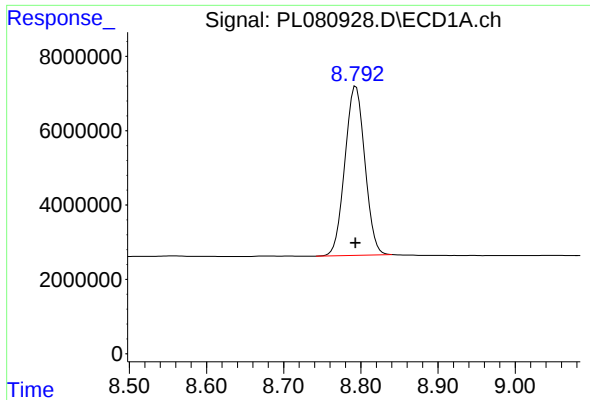
#22 Mirex

R.T.: 7.896 min
Delta R.T.: 0.000 min
Response: 80339567
Conc: 46.71 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 104357211
Conc: 45.84 ng/ml



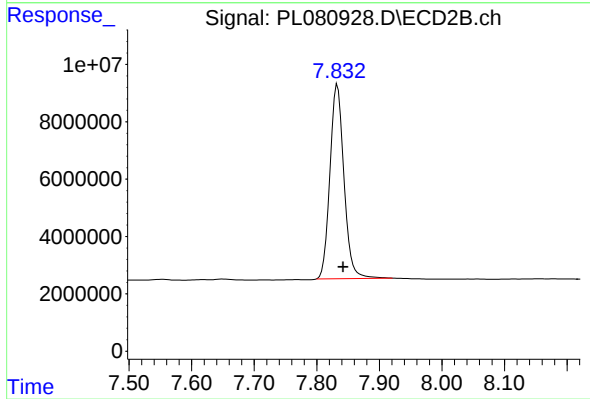
#28 Decachlorobiphenyl

R.T.: 8.794 min
Delta R.T.: 0.000 min
Response: 81606168
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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Supervised By :Ankita Jodhani 02/16/2023



#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 105844942
Conc: 44.43 ng/ml