

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
 Data File : PL080680.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Feb 2023 16:10
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 01 21:01:52 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...	3.350	2.688	113.8E6	117.7E6	53.036	53.579
28)	SA Decachlor...	8.786	7.833	88964135	116.7E6	50.815	48.970
Target Compounds							
2)	A alpha-BHC	3.799	3.189	174.4E6	171.5E6	55.051	53.932
3)	MA gamma-BHC...	4.127	3.517	161.9E6	160.3E6	55.058	53.668
4)	MA Heptachlor	4.710	3.857	155.8E6	163.0E6	52.729	51.227
5)	MB Aldrin	5.049	4.137	144.0E6	153.9E6	52.634	52.191
6)	B beta-BHC	4.323	3.813	70472237	69632345	51.627	52.174
7)	B delta-BHC	4.566	4.042	158.5E6	155.6E6	54.742	53.941
8)	B Heptachlo...	5.473	4.639	135.2E6	142.3E6	52.261	51.141
9)	A Endosulfan I	5.854	5.008	121.9E6	131.1E6	51.632	50.415
10)	B gamma-Chl...	5.728	4.889	131.1E6	144.9E6	51.906	51.117m
11)	B alpha-Chl...	5.807	4.954	130.4E6	140.6E6	51.650	49.089
12)	B 4,4'-DDE	5.985	5.145	116.2E6	122.3E6	52.159	51.854m
13)	MA Dieldrin	6.129	5.273	125.0E6	135.8E6	52.220	50.217
14)	MA Endrin	6.357	5.547	117.2E6	117.7E6	54.176	50.705
15)	B Endosulfa...	6.575	5.842	102.4E6	111.4E6	44.667	53.462
16)	A 4,4'-DDD	6.499	5.700	98150309	102.1E6	53.576	54.357
17)	MA 4,4'-DDT	6.812	5.951	99217611	104.2E6	47.754	49.570
18)	B Endrin al...	6.705	6.022	81862762	89625713	49.214	49.080
19)	B Endosulfa...	6.938	6.245	105.7E6	118.3E6	51.064	50.858
20)	A Methoxychlor	7.290	6.530	52451697	55837370	47.541	46.015
21)	B Endrin ke...	7.419	6.749	115.4E6	134.5E6	52.294	52.690
22)	Mirex	7.890	6.932	86619725	110.9E6	50.367	48.694

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL020123\
Data File : PL080680.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Feb 2023 16:10
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

PSTDCCC050

Manual Integrations

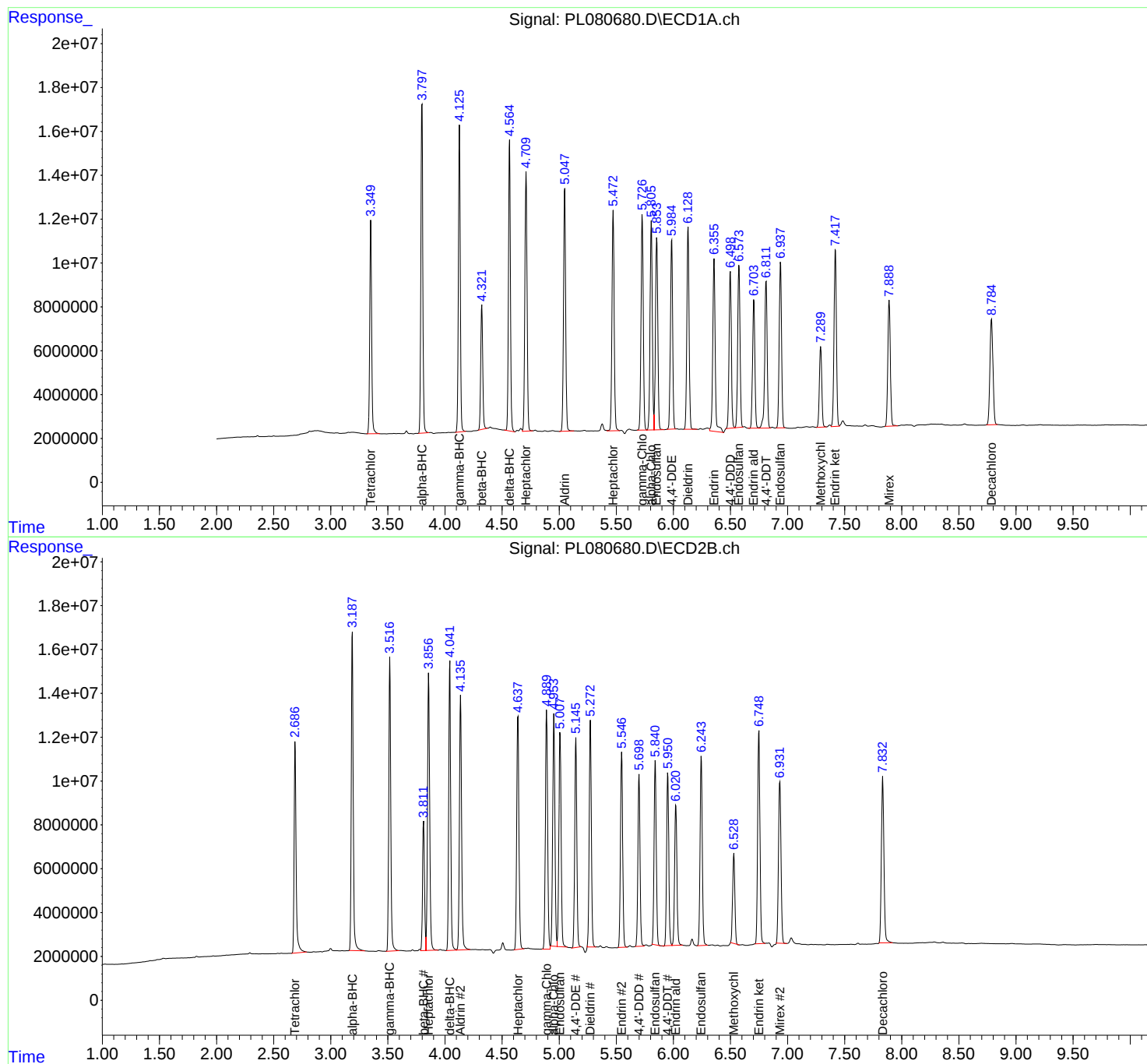
APPROVED

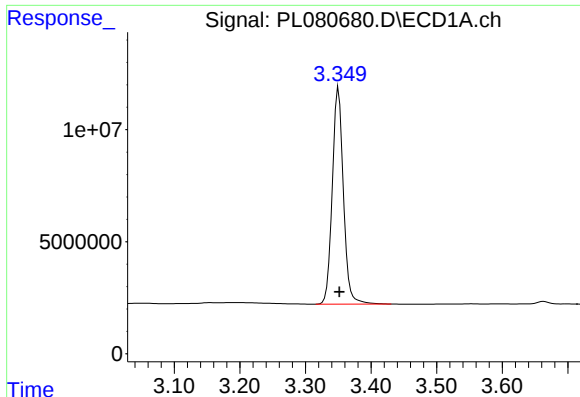
Reviewed By :Abdul Mirza 02/02/2023

Supervised By :Ankita Jodhani 02/02/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 01 21:01:52 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





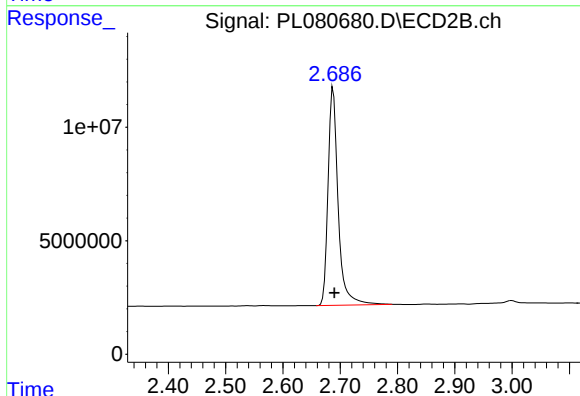
#1 Tetrachloro-m-xylene

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 113753597
Conc: 53.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

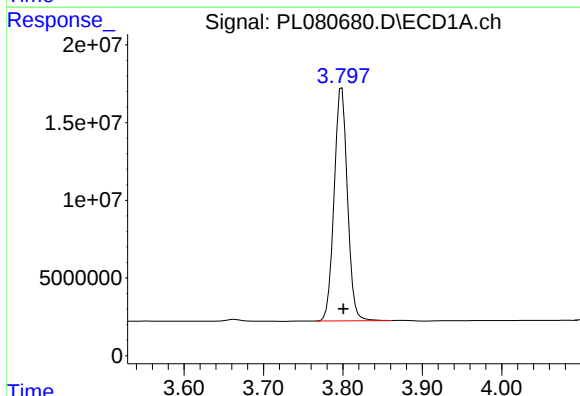
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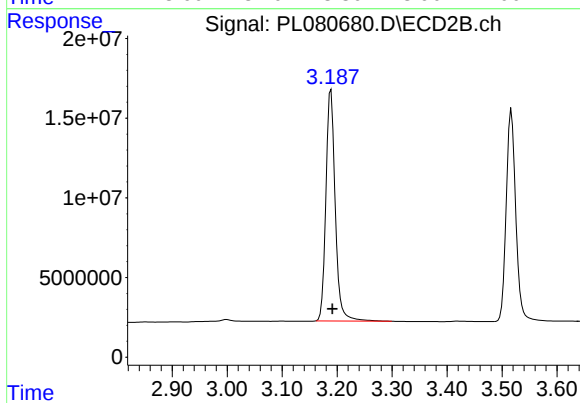
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: -0.002 min
Response: 117683444
Conc: 53.58 ng/ml



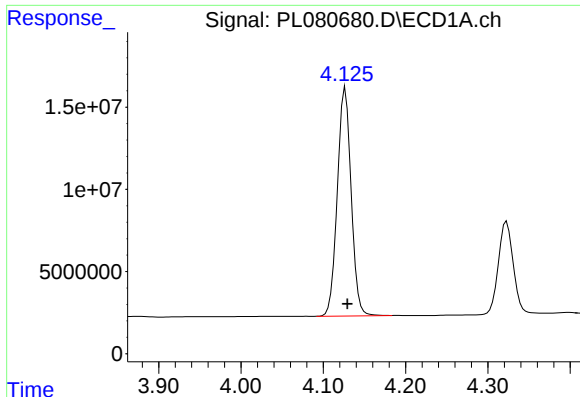
#2 alpha-BHC

R.T.: 3.799 min
Delta R.T.: -0.002 min
Response: 174404330
Conc: 55.05 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.003 min
Response: 171526386
Conc: 53.93 ng/ml



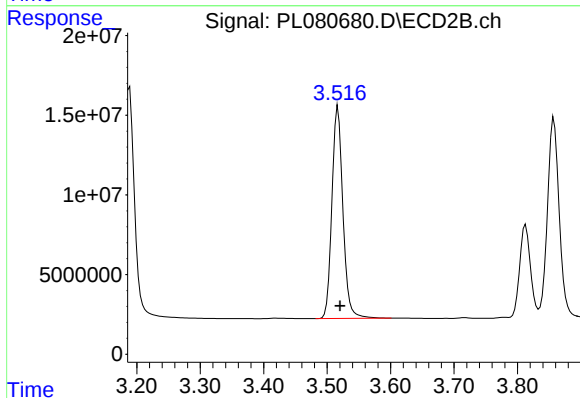
#3 gamma-BHC (Lindane)

R.T.: 4.127 min
Delta R.T.: -0.003 min
Response: 161856934
Conc: 55.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

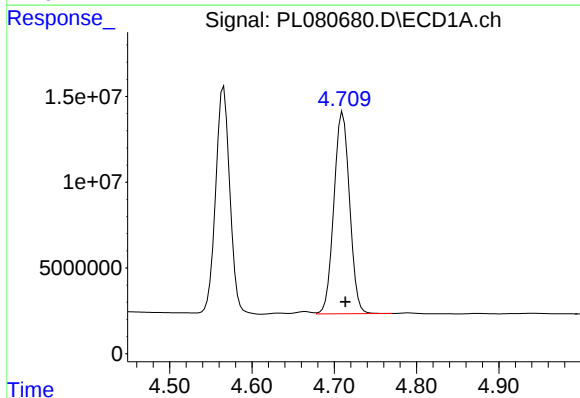
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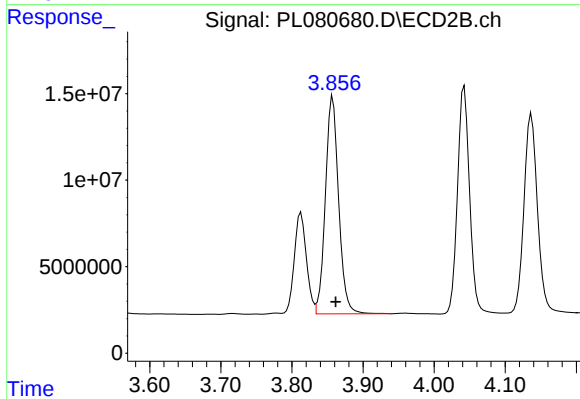
#3 gamma-BHC (Lindane)

R.T.: 3.517 min
Delta R.T.: -0.003 min
Response: 160321668
Conc: 53.67 ng/ml



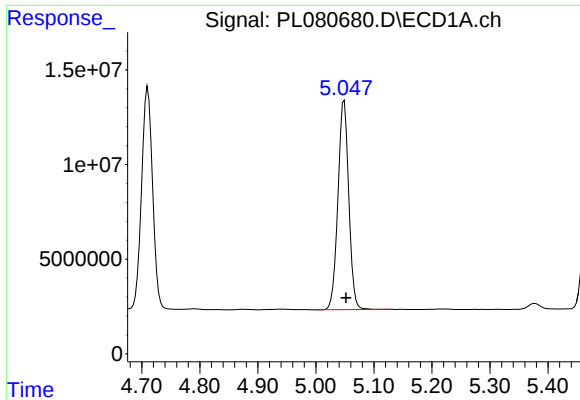
#4 Heptachlor

R.T.: 4.710 min
Delta R.T.: -0.003 min
Response: 155825827
Conc: 52.73 ng/ml



#4 Heptachlor

R.T.: 3.857 min
Delta R.T.: -0.004 min
Response: 163023626
Conc: 51.23 ng/ml



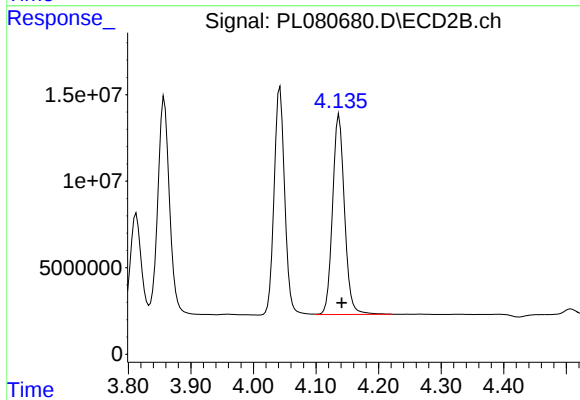
#5 Aldrin

R.T.: 5.049 min
Delta R.T.: -0.003 min
Response: 143995742
Conc: 52.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

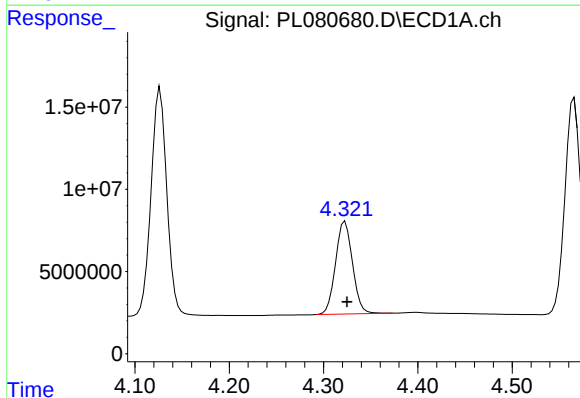
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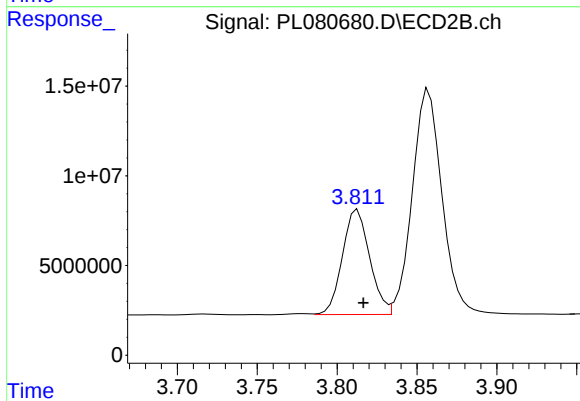
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.005 min
Response: 153942142
Conc: 52.19 ng/ml



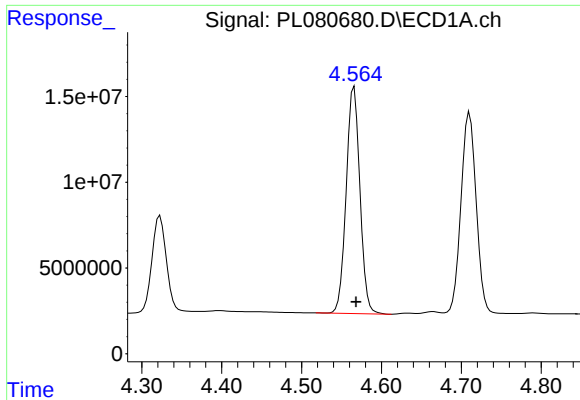
#6 beta-BHC

R.T.: 4.323 min
Delta R.T.: -0.002 min
Response: 70472237
Conc: 51.63 ng/ml



#6 beta-BHC

R.T.: 3.813 min
Delta R.T.: -0.004 min
Response: 69632345
Conc: 52.17 ng/ml



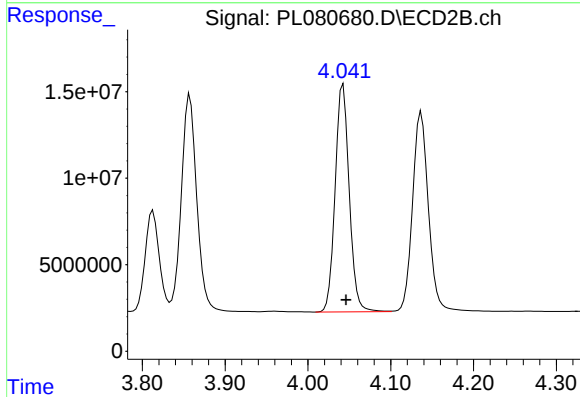
#7 delta-BHC

R.T.: 4.566 min
Delta R.T.: -0.003 min
Response: 158479339
Conc: 54.74 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

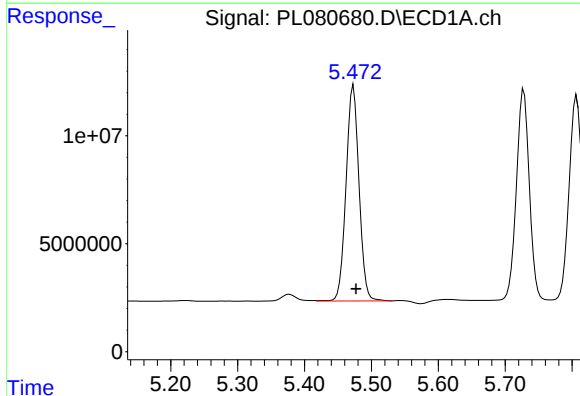
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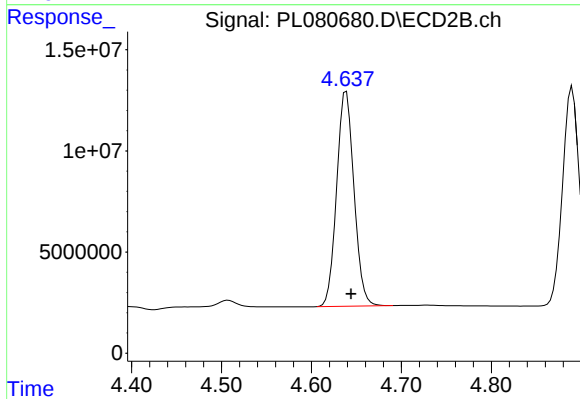
#7 delta-BHC

R.T.: 4.042 min
Delta R.T.: -0.004 min
Response: 155590216
Conc: 53.94 ng/ml



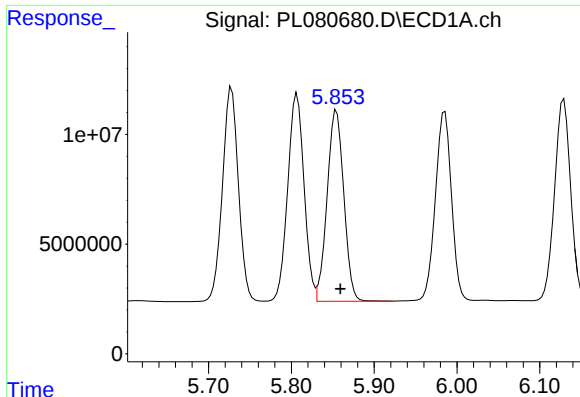
#8 Heptachlor epoxide

R.T.: 5.473 min
Delta R.T.: -0.004 min
Response: 135203026
Conc: 52.26 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 142290618
Conc: 51.14 ng/ml



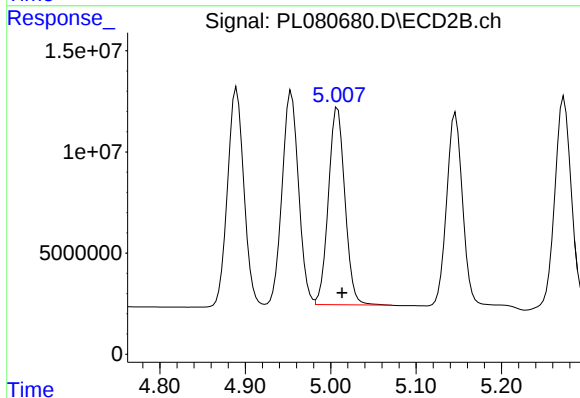
#9 Endosulfan I

R.T.: 5.854 min
Delta R.T.: -0.005 min
Response: 121926238
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

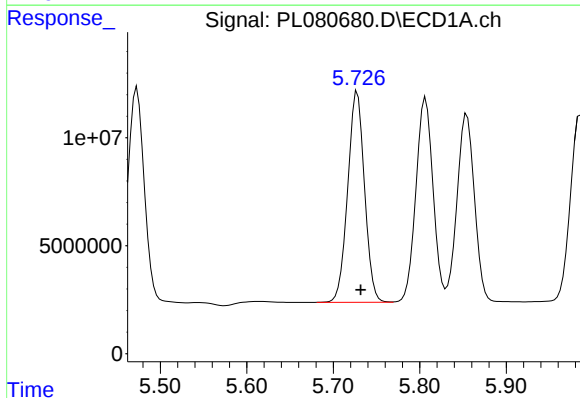
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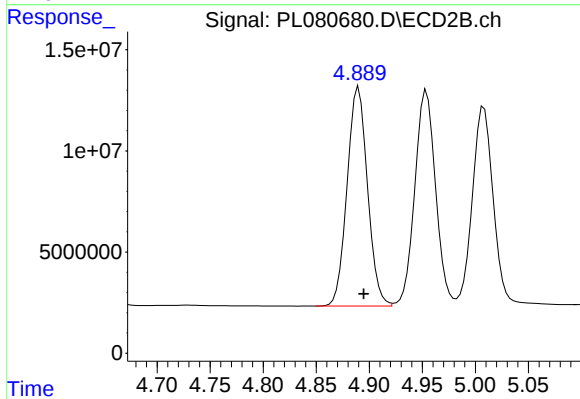
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.005 min
Response: 131146627
Conc: 50.42 ng/ml



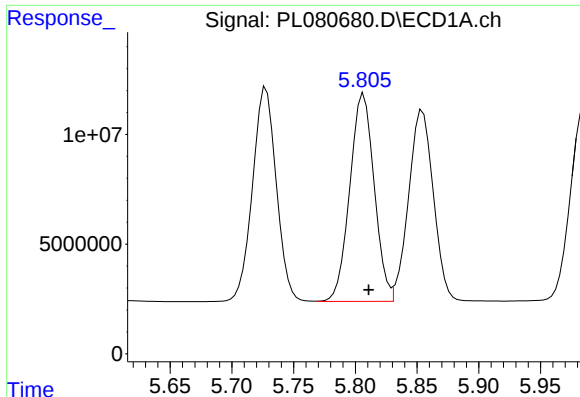
#10 gamma-Chlordane

R.T.: 5.728 min
Delta R.T.: -0.004 min
Response: 131100184
Conc: 51.91 ng/ml



#10 gamma-Chlordane

R.T.: 4.889 min
Delta R.T.: -0.006 min
Response: 144877622
Conc: 51.12 ng/ml m



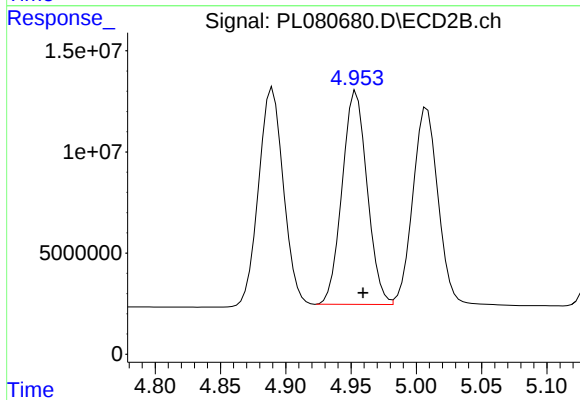
#11 alpha-Chlordane

R.T.: 5.807 min
Delta R.T.: -0.004 min
Response: 130377266
Conc: 51.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

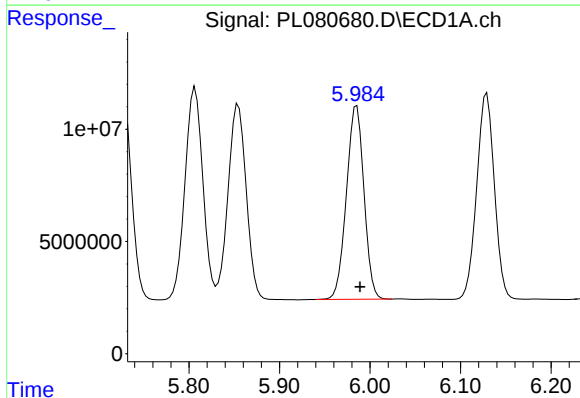
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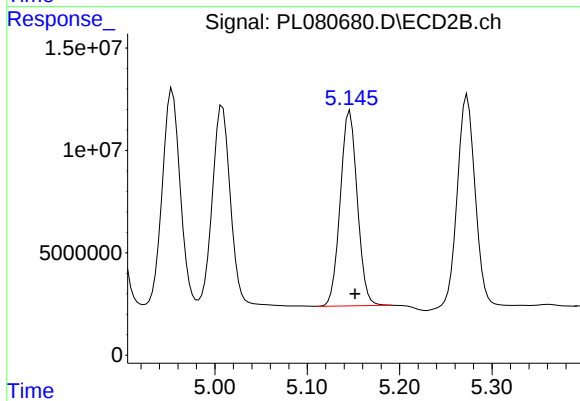
#11 alpha-Chlordane

R.T.: 4.954 min
Delta R.T.: -0.005 min
Response: 140623677
Conc: 49.09 ng/ml



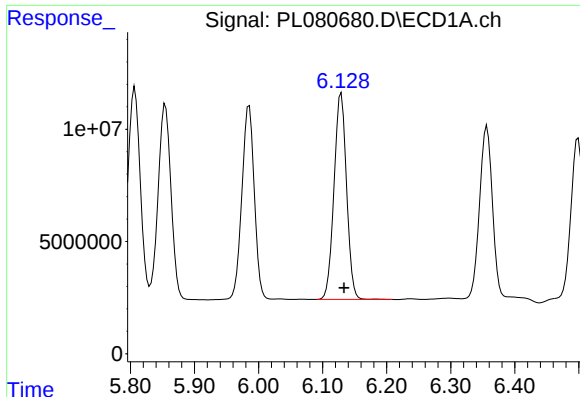
#12 4,4'-DDE

R.T.: 5.985 min
Delta R.T.: -0.003 min
Response: 116175111
Conc: 52.16 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 122314112
Conc: 51.85 ng/ml m



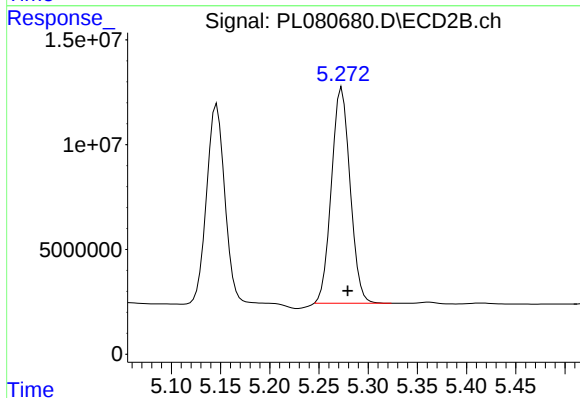
#13 Dieldrin

R.T.: 6.129 min
Delta R.T.: -0.004 min
Response: 124981557
Conc: 52.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

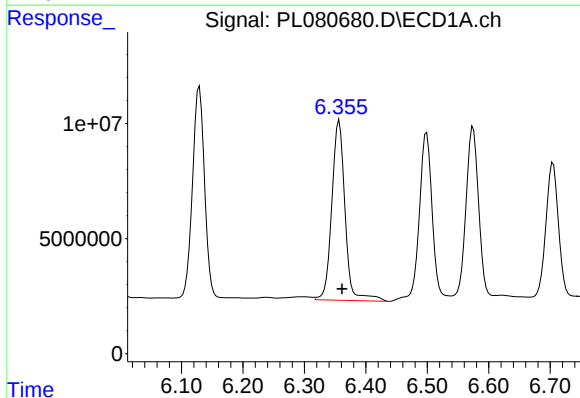
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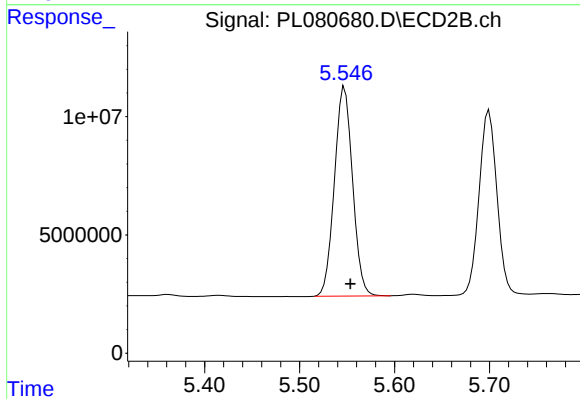
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 135835454
Conc: 50.22 ng/ml



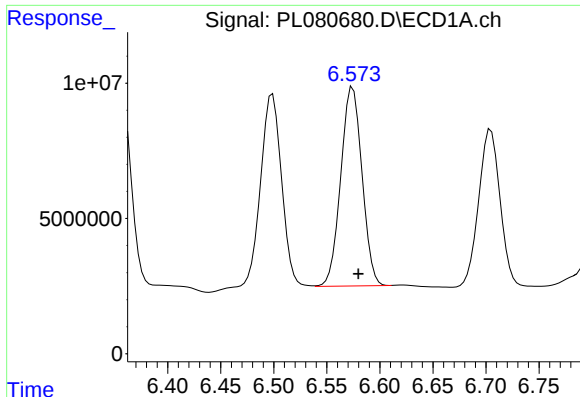
#14 Endrin

R.T.: 6.357 min
Delta R.T.: -0.005 min
Response: 117167223
Conc: 54.18 ng/ml



#14 Endrin

R.T.: 5.547 min
Delta R.T.: -0.006 min
Response: 117693629
Conc: 50.70 ng/ml



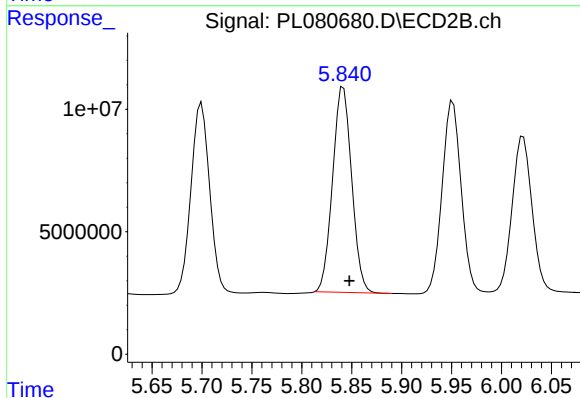
#15 Endosulfan II

R.T.: 6.575 min
Delta R.T.: -0.005 min
Response: 102392386
Conc: 44.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

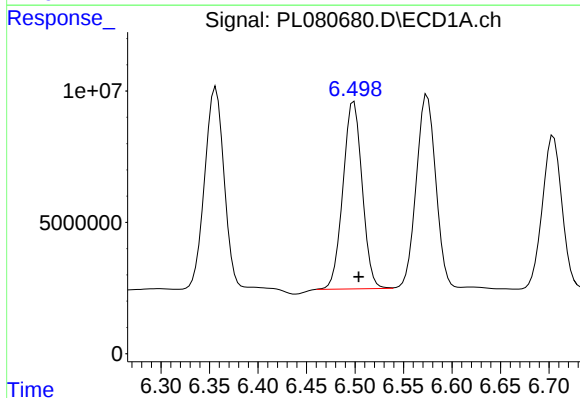
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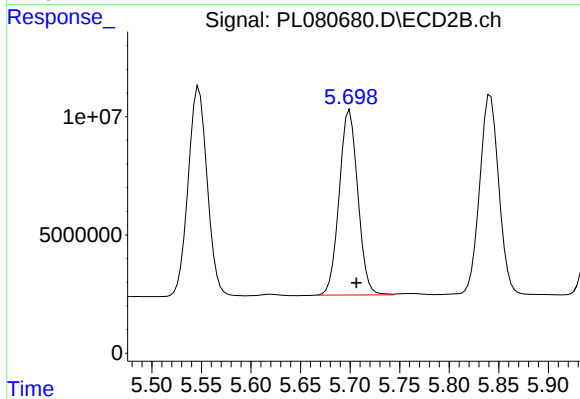
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 111400978
Conc: 53.46 ng/ml



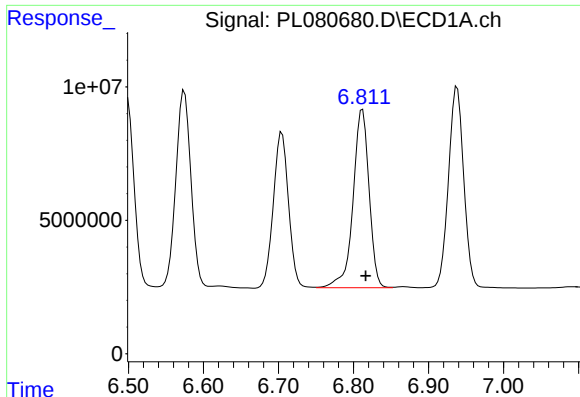
#16 4,4'-DDD

R.T.: 6.499 min
Delta R.T.: -0.005 min
Response: 98150309
Conc: 53.58 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.007 min
Response: 102148437
Conc: 54.36 ng/ml



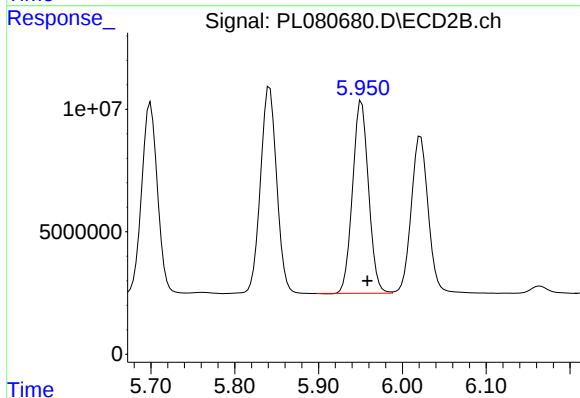
#17 4,4'-DDT

R.T.: 6.812 min
Delta R.T.: -0.004 min
Response: 99217611
Conc: 47.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

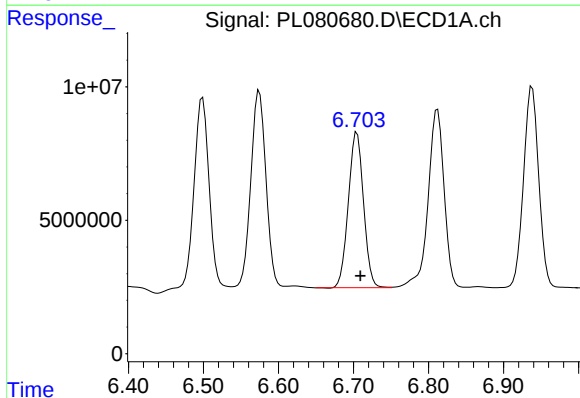
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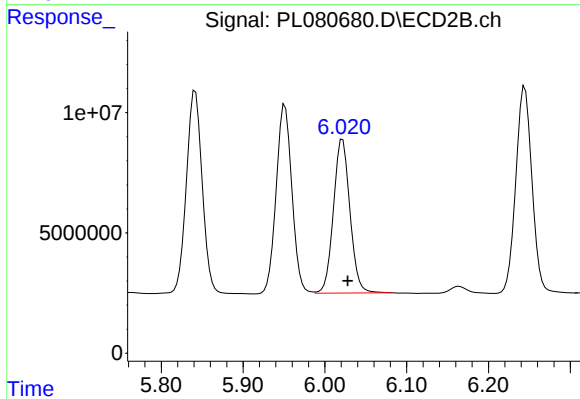
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 104170403
Conc: 49.57 ng/ml



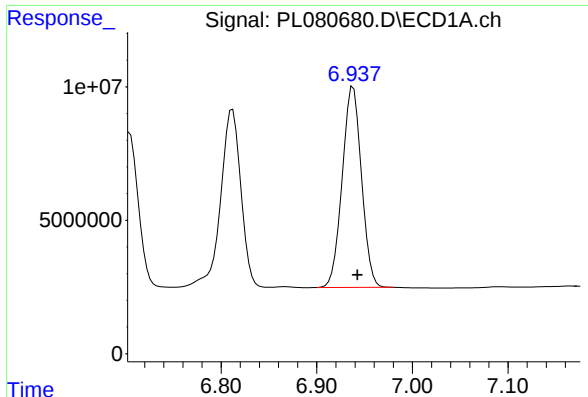
#18 Endrin aldehyde

R.T.: 6.705 min
Delta R.T.: -0.005 min
Response: 81862762
Conc: 49.21 ng/ml



#18 Endrin aldehyde

R.T.: 6.022 min
Delta R.T.: -0.006 min
Response: 89625713
Conc: 49.08 ng/ml



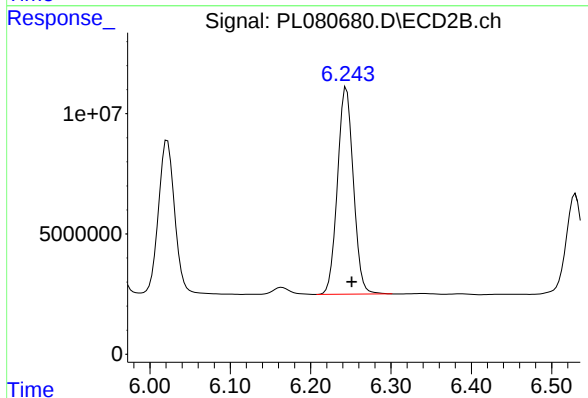
#19 Endosulfan Sulfate

R.T.: 6.938 min
Delta R.T.: -0.005 min
Response: 105697249
Conc: 51.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

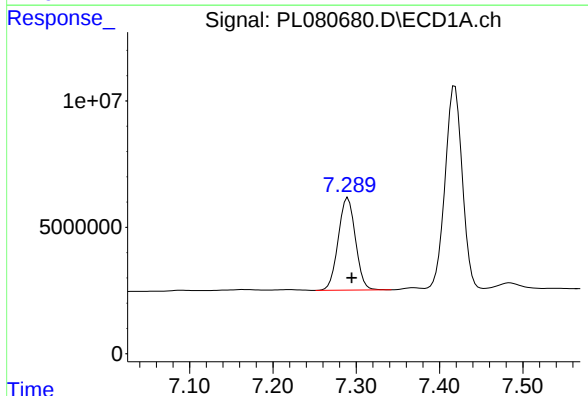
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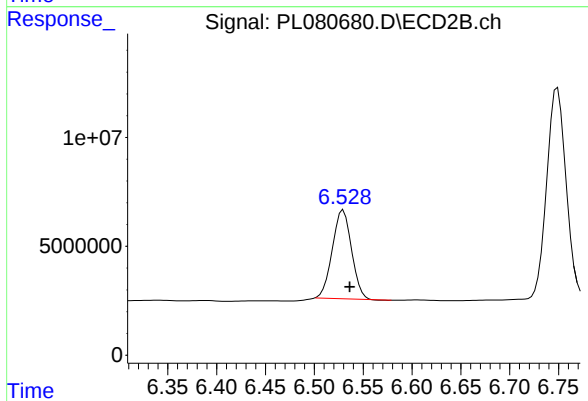
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.007 min
Response: 118278369
Conc: 50.86 ng/ml



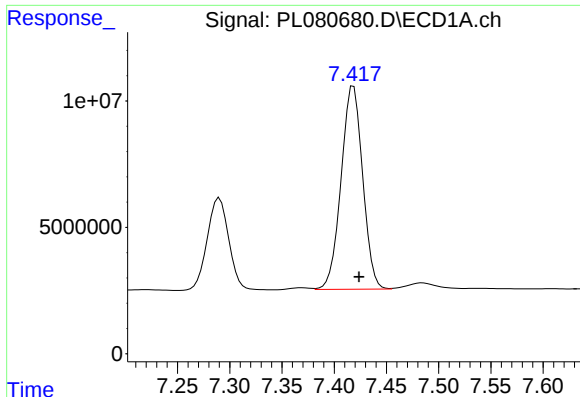
#20 Methoxychlor

R.T.: 7.290 min
Delta R.T.: -0.004 min
Response: 52451697
Conc: 47.54 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.007 min
Response: 55837370
Conc: 46.01 ng/ml



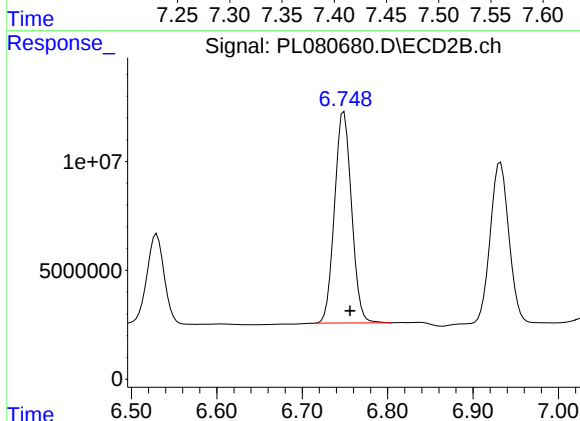
#21 Endrin ketone

R.T.: 7.419 min
Delta R.T.: -0.005 min
Response: 115377887
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

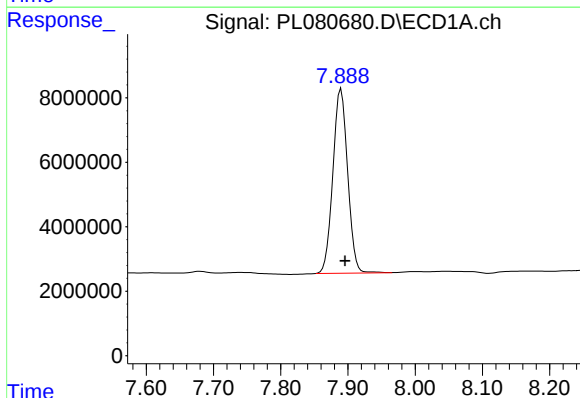
Manual Integrations
APPROVED

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



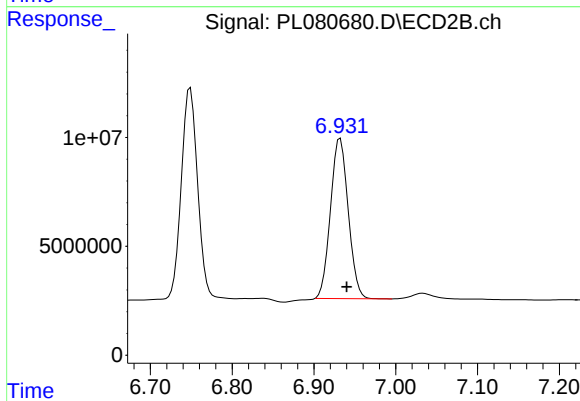
#21 Endrin ketone

R.T.: 6.749 min
Delta R.T.: -0.007 min
Response: 134529866
Conc: 52.69 ng/ml



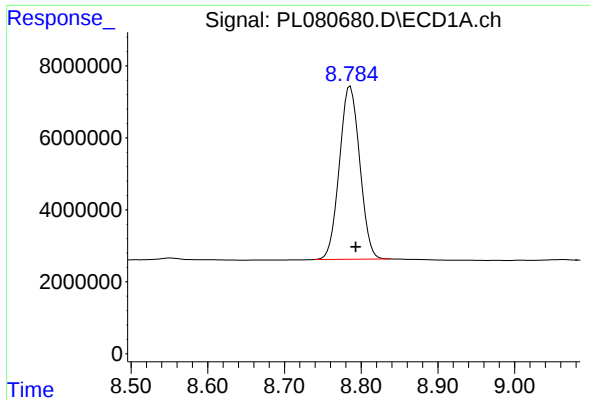
#22 Mirex

R.T.: 7.890 min
Delta R.T.: -0.006 min
Response: 86619725
Conc: 50.37 ng/ml



#22 Mirex

R.T.: 6.932 min
Delta R.T.: -0.008 min
Response: 110863316
Conc: 48.69 ng/ml



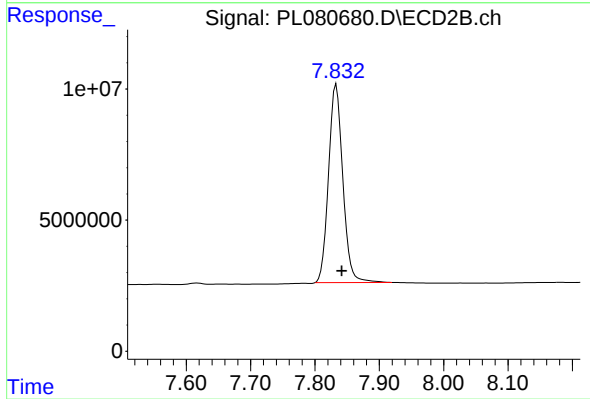
#28 Decachlorobiphenyl

R.T.: 8.786 min
Delta R.T.: -0.007 min
Response: 88964135
Conc: 50.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 116673757
Conc: 48.97 ng/ml