

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
 Data File : PL080979.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Feb 2023 14:19
 Operator : AR\AJ
 Sample : 01572-04MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 RBR-200028MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 02/17/2023
 Supervised By : Ankita Jodhani 02/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 16 20:42:01 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...	3.352	2.689	32238117	30811215	15.031m	14.028
28)	SA Decachlor...	8.791	7.833	18380106	22799259	10.498	9.569
Target Compounds							
2)	A alpha-BHC	3.802	3.189	144.7E6	134.6E6	45.684	42.325
3)	MA gamma-BHC...	4.130	3.518	132.2E6	128.3E6	44.976	42.958
4)	MA Heptachlor	4.712	3.858	133.7E6	135.9E6	45.235m	42.709
5)	MB Aldrin	5.052	4.137	125.1E6	131.2E6	45.720	44.487
6)	B beta-BHC	4.326	3.814	59530659	57080824	43.611	42.769
7)	B delta-BHC	4.570	4.043	118.2E6	112.3E6	40.813	38.922
8)	B Heptachlo...	5.477	4.639	114.4E6	114.3E6	44.220	41.084
9)	A Endosulfan I	5.858	5.008	106.6E6	103.3E6	45.157	39.697
10)	B gamma-Chl...	5.731	4.888	123.9E6	132.1E6	49.068	46.619m
11)	B alpha-Chl...	5.811	4.953	130.5E6	124.5E6	51.689	43.458
12)	B 4,4'-DDE	5.988	5.145	103.3E6	106.5E6	46.384	45.157m
13)	MA Dieldrin	6.133	5.273	109.9E6	111.3E6	45.904	41.136
14)	MA Endrin	6.360	5.548	94646477	101.0E6	43.763	43.514
15)	B Endosulfa...	6.579	5.842	90186396	86195062	39.343	41.366
16)	A 4,4'-DDD	6.503	5.700	83575759	81084530	45.620	43.148
17)	MA 4,4'-DDT	6.816	5.951	87412231	87774212	42.072	41.768
18)	B Endrin al...	6.708	6.021	69949507	72766707	42.052	39.848
19)	B Endosulfa...	6.943	6.245	87238007	92941642	42.146	39.963
20)	A Methoxychlor	7.294	6.530	45842534	49102665	41.551	40.465
21)	B Endrin ke...	7.423	6.750	94619878	98867470	42.885	38.723
22)	Mirex	7.894	6.933	72829108	86149284	42.348	37.839

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021623\
Data File : PL080979.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Feb 2023 14:19
Operator : AR\AJ
Sample : 01572-04MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

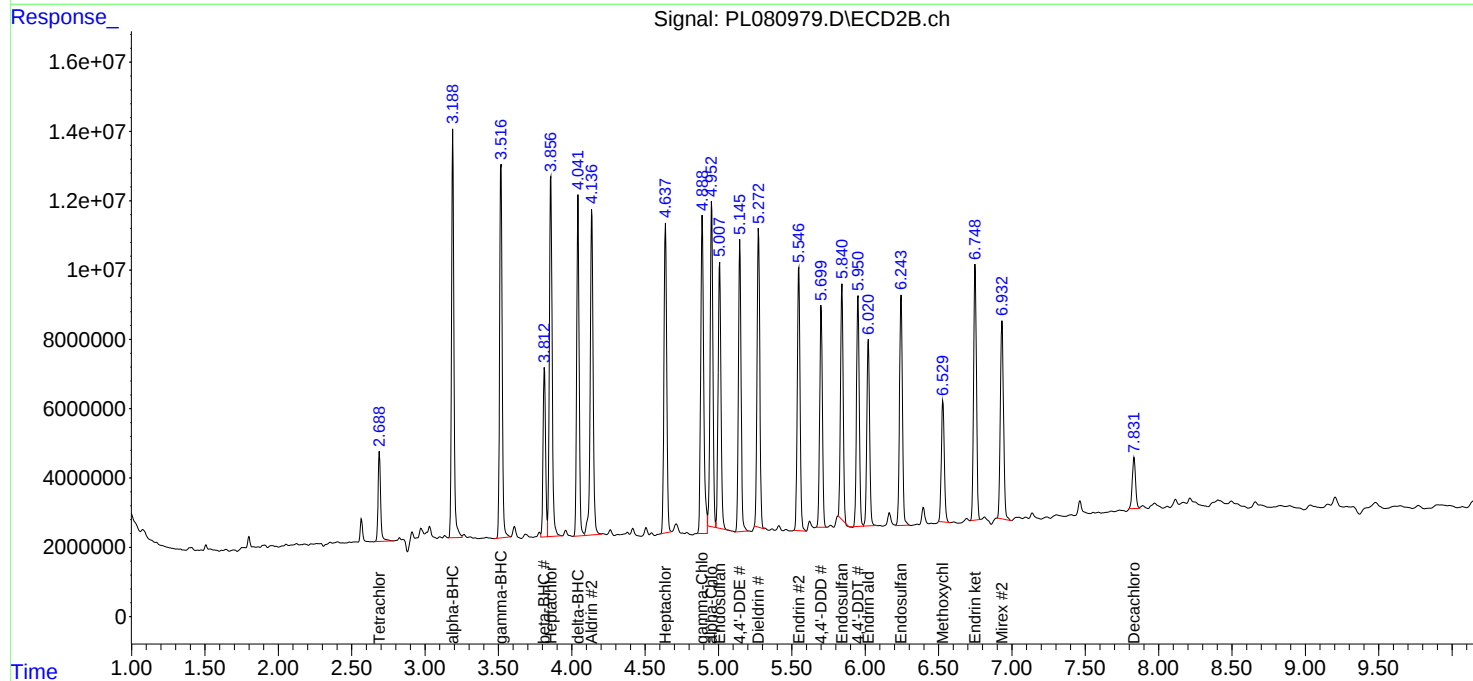
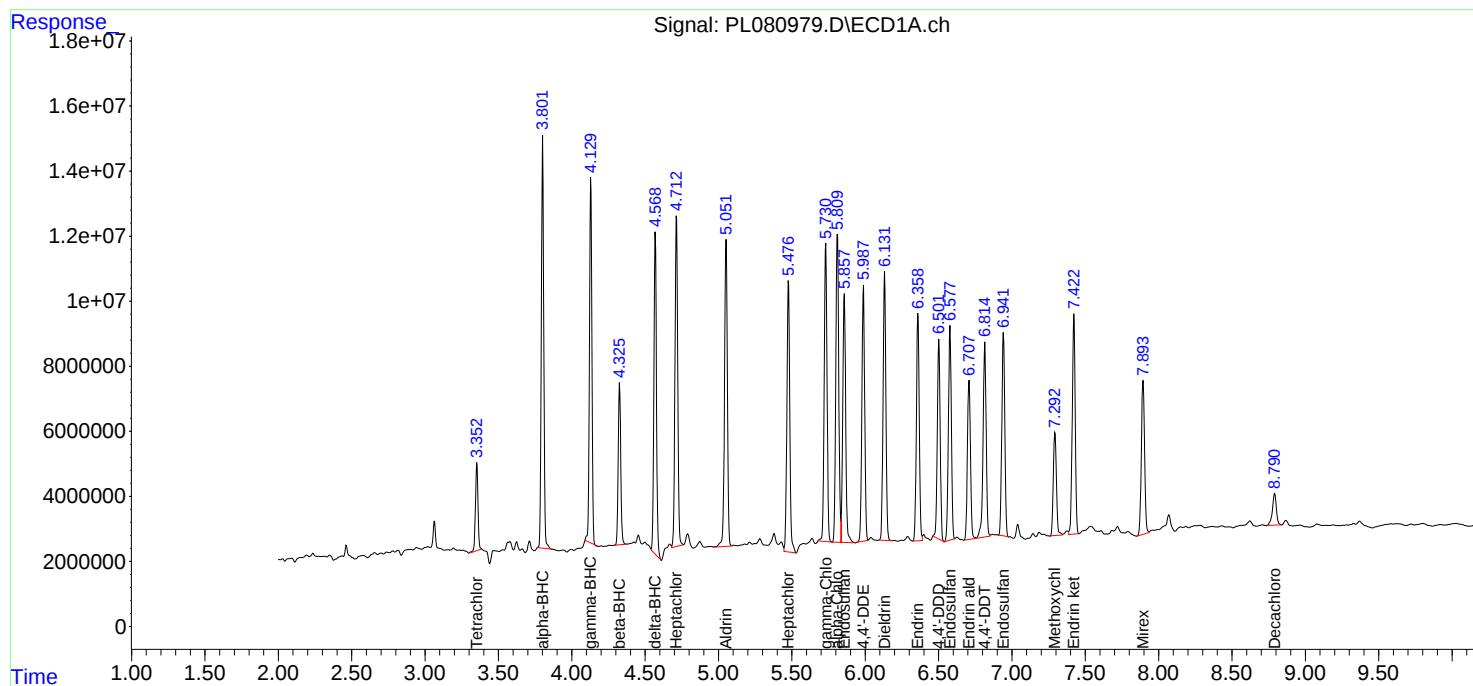
Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

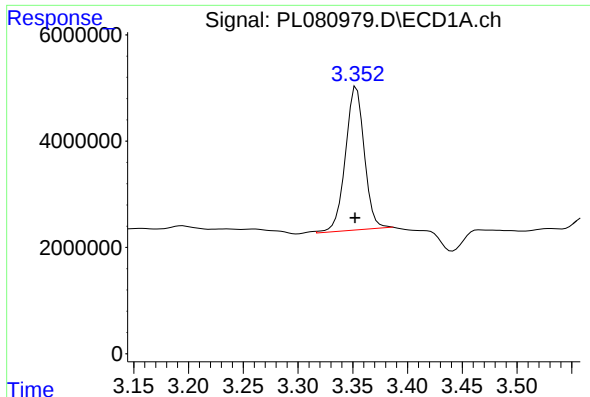
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Feb 16 20:42:01 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
Quant Title : GC Extractables
QLast Update : Sun Jan 22 23:56:48 2023
Response 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





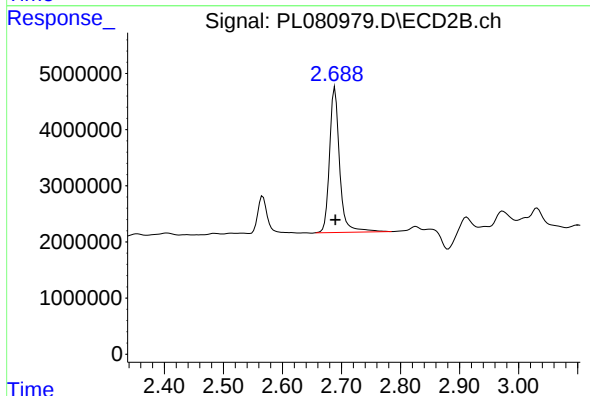
#1 Tetrachloro-m-xylene

R.T.: 3.352 min
Delta R.T.: 0.000 min
Response: 32238117
Conc: 15.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

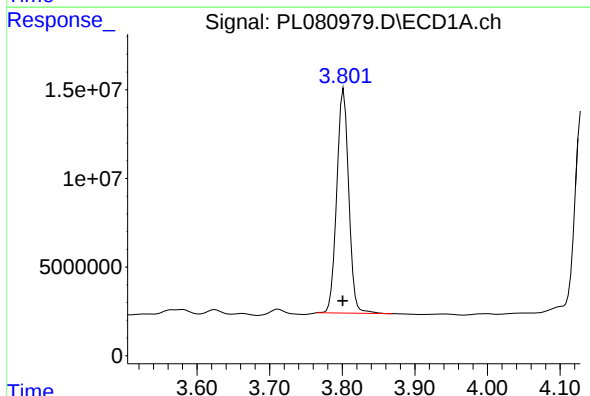
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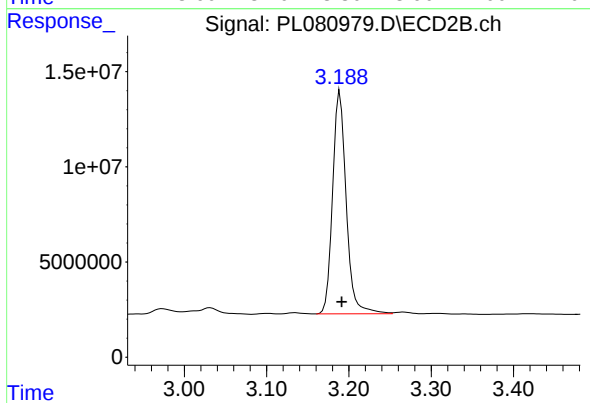
#1 Tetrachloro-m-xylene

R.T.: 2.689 min
Delta R.T.: 0.000 min
Response: 30811215
Conc: 14.03 ng/ml



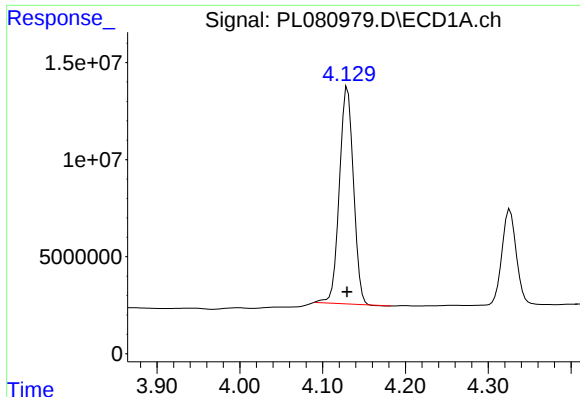
#2 alpha-BHC

R.T.: 3.802 min
Delta R.T.: 0.001 min
Response: 144729472
Conc: 45.68 ng/ml



#2 alpha-BHC

R.T.: 3.189 min
Delta R.T.: -0.002 min
Response: 134612347
Conc: 42.33 ng/ml



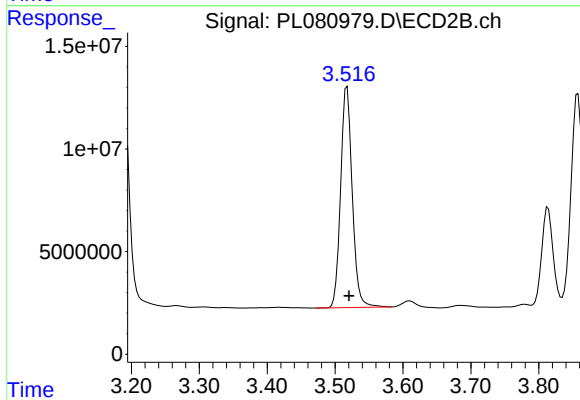
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 132219727
Conc: 44.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

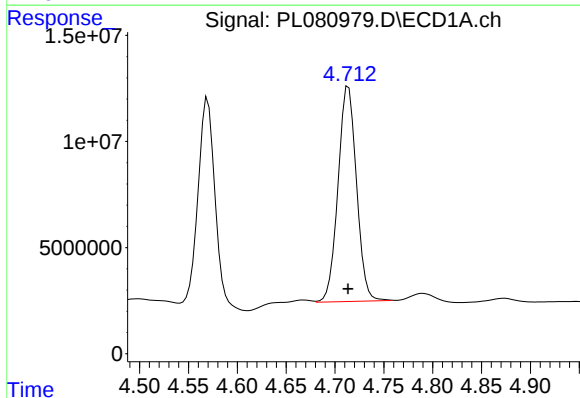
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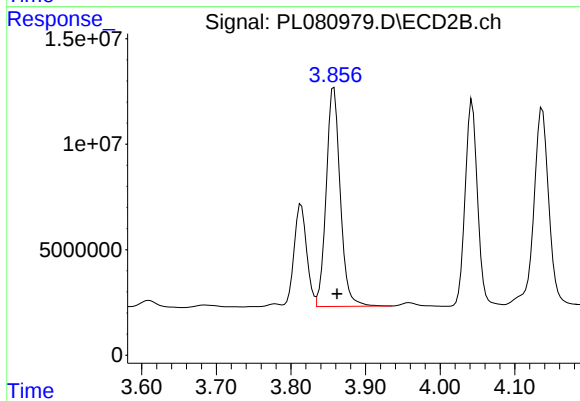
#3 gamma-BHC (Lindane)

R.T.: 3.518 min
Delta R.T.: -0.003 min
Response: 128329178
Conc: 42.96 ng/ml



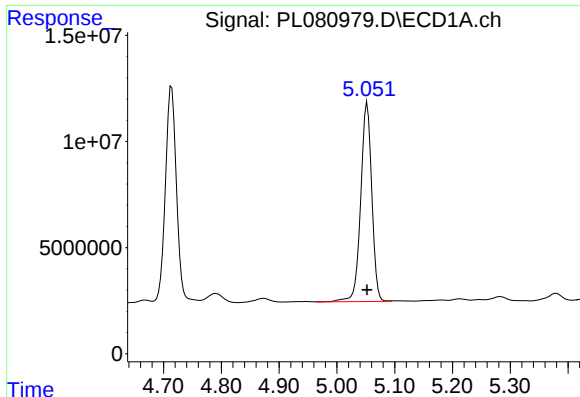
#4 Heptachlor

R.T.: 4.712 min
Delta R.T.: 0.000 min
Response: 133680542
Conc: 45.24 ng/ml m



#4 Heptachlor

R.T.: 3.858 min
Delta R.T.: -0.004 min
Response: 135917074
Conc: 42.71 ng/ml



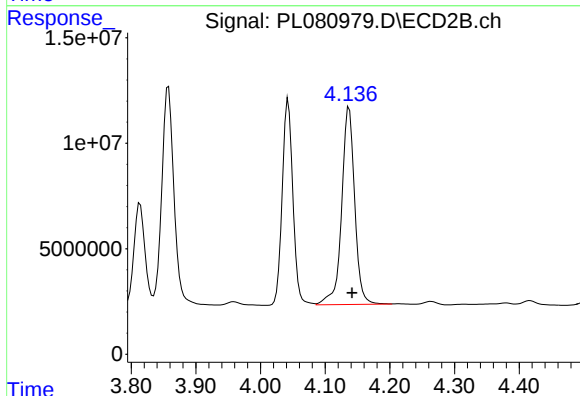
#5 Aldrin

R.T.: 5.052 min
Delta R.T.: 0.000 min
Response: 125080507
Conc: 45.72 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

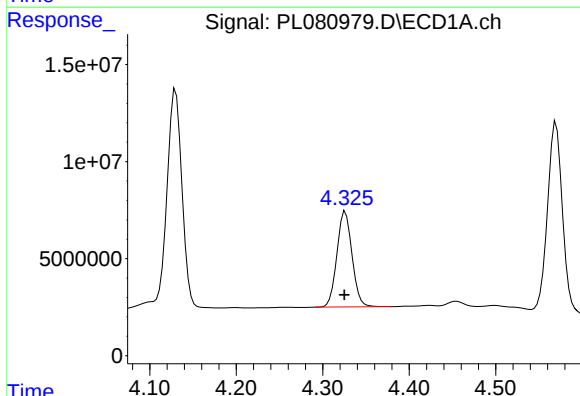
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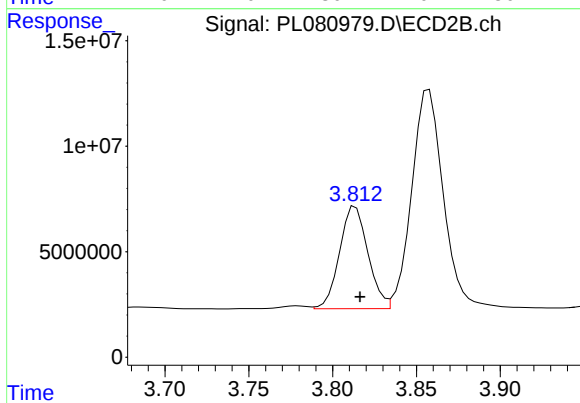
#5 Aldrin

R.T.: 4.137 min
Delta R.T.: -0.004 min
Response: 131218749
Conc: 44.49 ng/ml



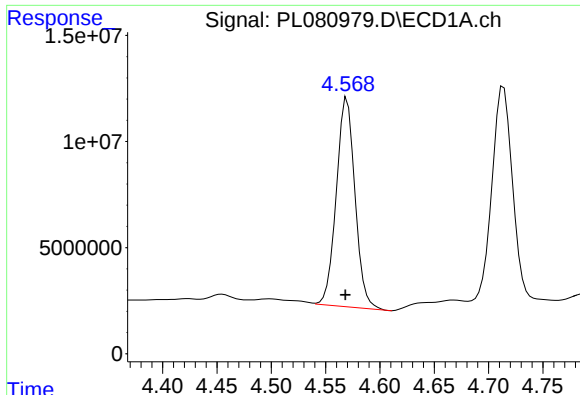
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.001 min
Response: 59530659
Conc: 43.61 ng/ml



#6 beta-BHC

R.T.: 3.814 min
Delta R.T.: -0.003 min
Response: 57080824
Conc: 42.77 ng/ml



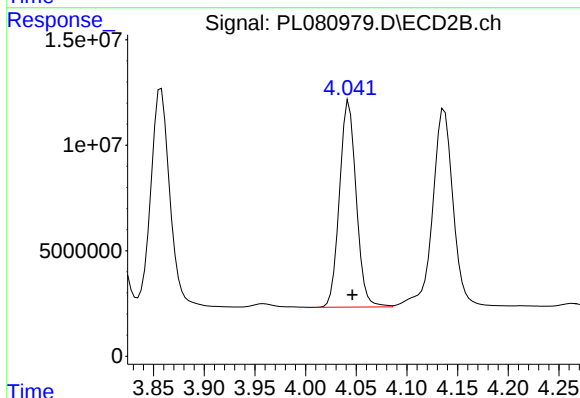
#7 delta-BHC

R.T.: 4.570 min
Delta R.T.: 0.001 min
Response: 118153840
Conc: 40.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

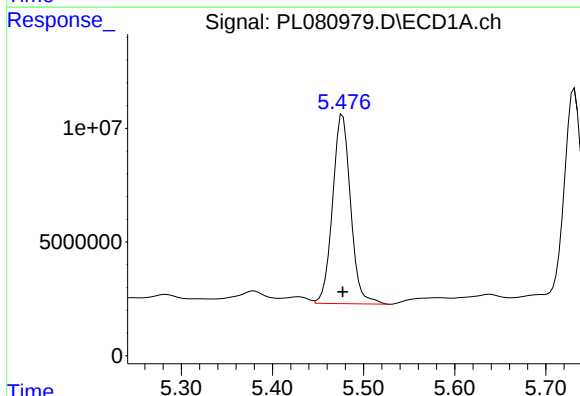
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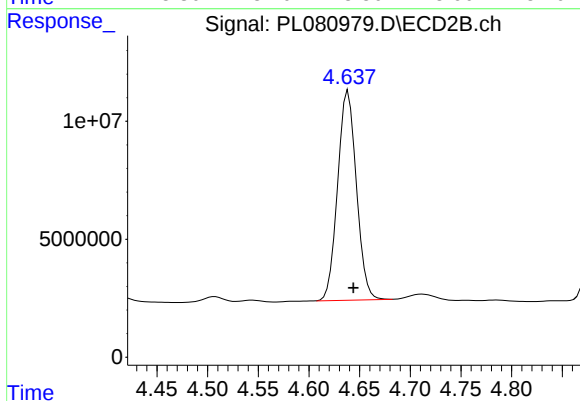
#7 delta-BHC

R.T.: 4.043 min
Delta R.T.: -0.003 min
Response: 112268786
Conc: 38.92 ng/ml



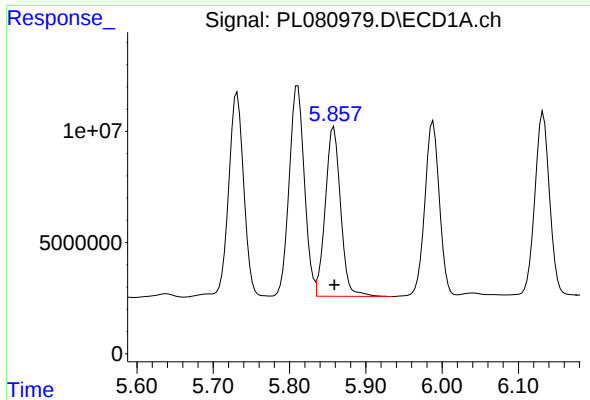
#8 Heptachlor epoxide

R.T.: 5.477 min
Delta R.T.: 0.000 min
Response: 114400972
Conc: 44.22 ng/ml



#8 Heptachlor epoxide

R.T.: 4.639 min
Delta R.T.: -0.005 min
Response: 114310146
Conc: 41.08 ng/ml



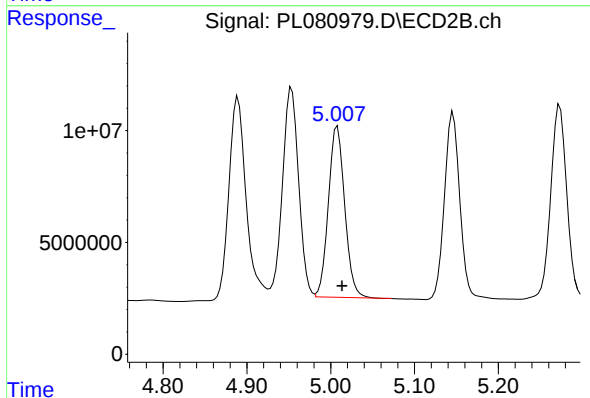
#9 Endosulfan I

R.T.: 5.858 min
Delta R.T.: 0.000 min
Response: 106637616
Conc: 45.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

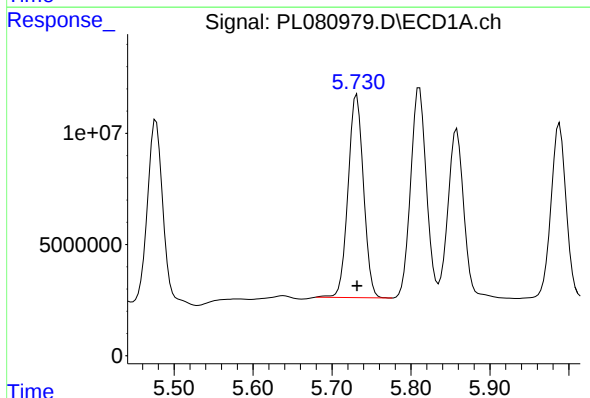
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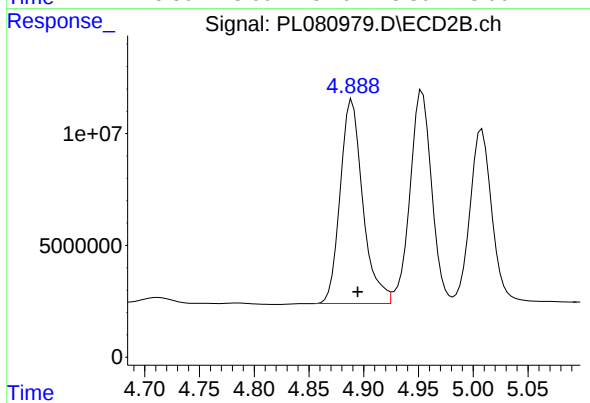
#9 Endosulfan I

R.T.: 5.008 min
Delta R.T.: -0.006 min
Response: 103265631
Conc: 39.70 ng/ml



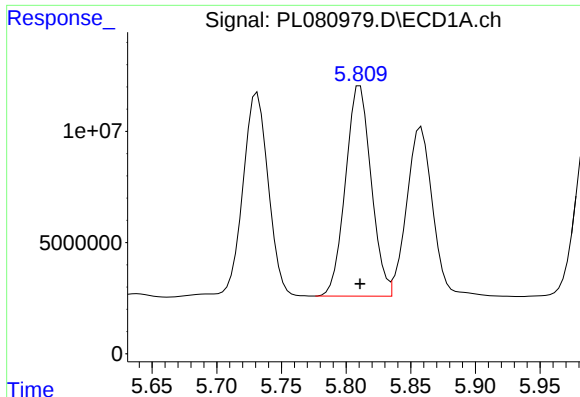
#10 gamma-Chlordane

R.T.: 5.731 min
Delta R.T.: 0.000 min
Response: 123932422
Conc: 49.07 ng/ml



#10 gamma-Chlordane

R.T.: 4.888 min
Delta R.T.: -0.007 min
Response: 132129408
Conc: 46.62 ng/ml m



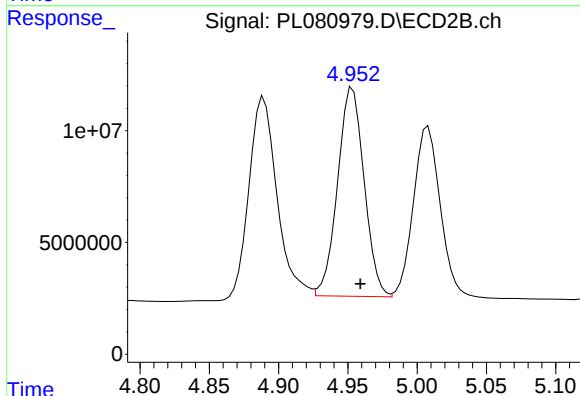
#11 alpha-Chlordane

R.T.: 5.811 min
Delta R.T.: 0.000 min
Response: 130478036
Conc: 51.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

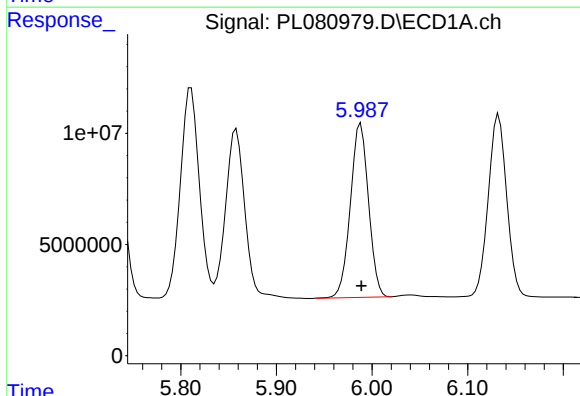
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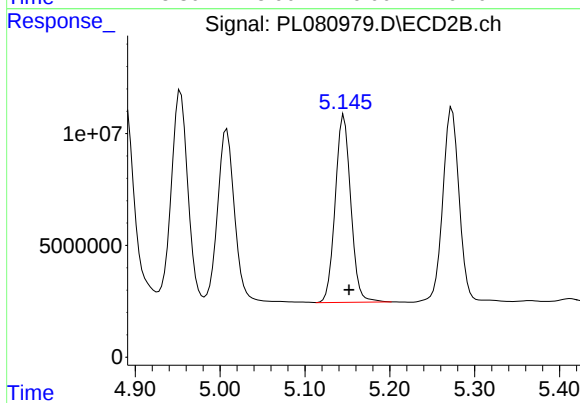
#11 alpha-Chlordane

R.T.: 4.953 min
Delta R.T.: -0.006 min
Response: 124494513
Conc: 43.46 ng/ml



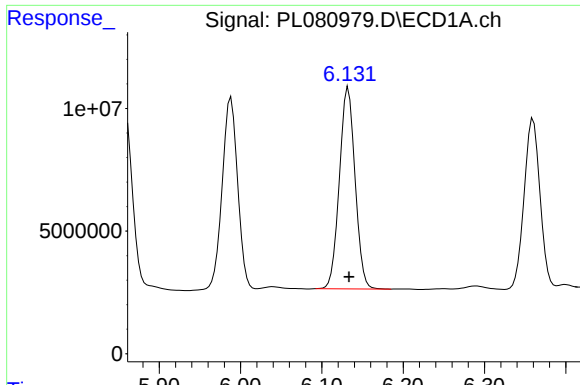
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 103313685
Conc: 46.38 ng/ml



#12 4,4'-DDE

R.T.: 5.145 min
Delta R.T.: -0.007 min
Response: 106517280
Conc: 45.16 ng/ml m



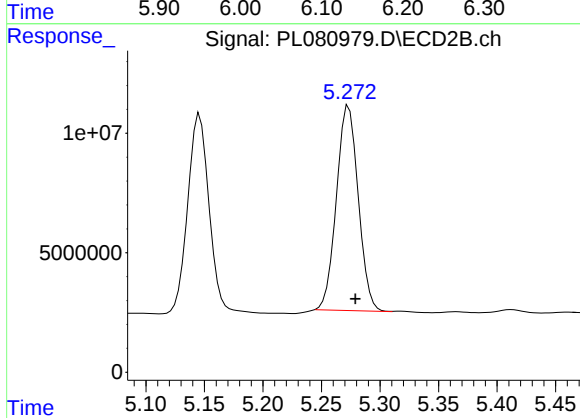
#13 Dieldrin

R.T.: 6.133 min
Delta R.T.: 0.000 min
Response: 109865566
Conc: 45.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

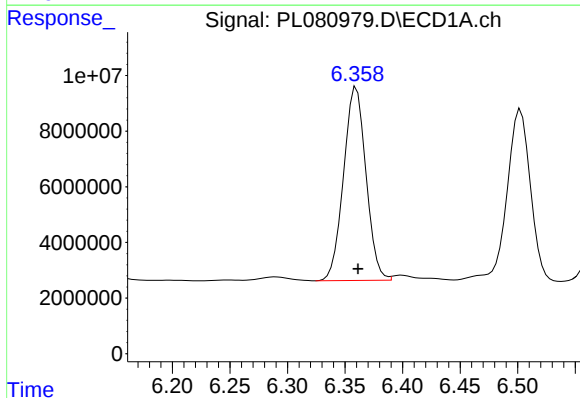
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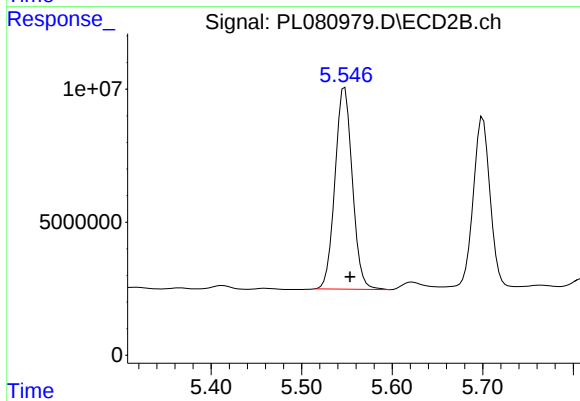
#13 Dieldrin

R.T.: 5.273 min
Delta R.T.: -0.006 min
Response: 111272283
Conc: 41.14 ng/ml



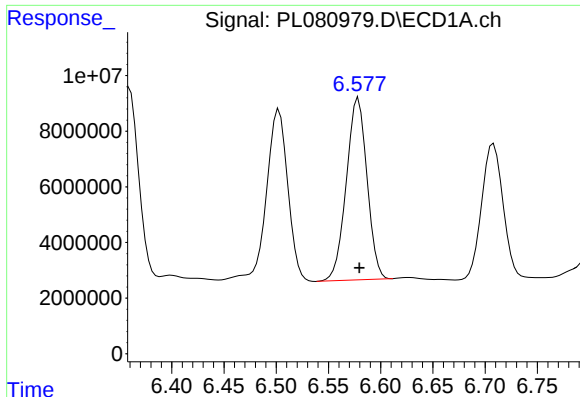
#14 Endrin

R.T.: 6.360 min
Delta R.T.: -0.001 min
Response: 94646477
Conc: 43.76 ng/ml



#14 Endrin

R.T.: 5.548 min
Delta R.T.: -0.006 min
Response: 101003257
Conc: 43.51 ng/ml



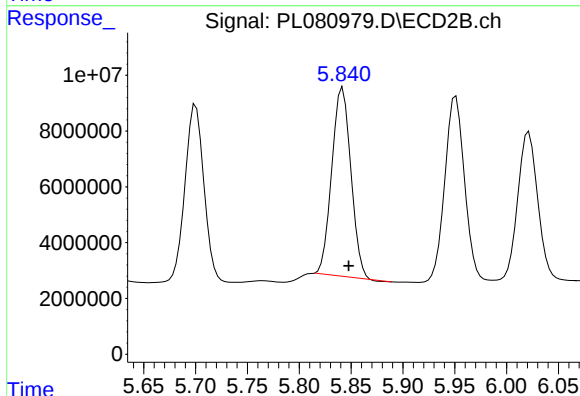
#15 Endosulfan II

R.T.: 6.579 min
Delta R.T.: -0.001 min
Response: 90186396
Conc: 39.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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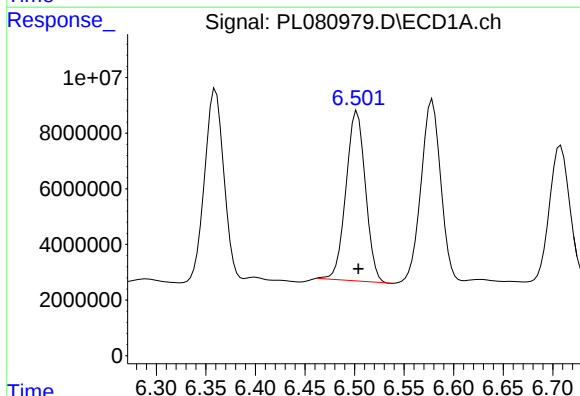
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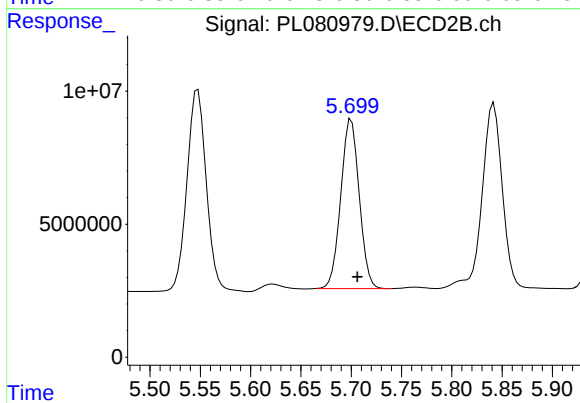
#15 Endosulfan II

R.T.: 5.842 min
Delta R.T.: -0.006 min
Response: 86195062
Conc: 41.37 ng/ml



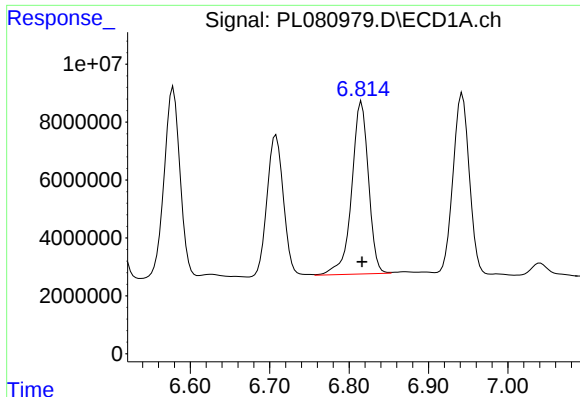
#16 4,4'-DDD

R.T.: 6.503 min
Delta R.T.: -0.001 min
Response: 83575759
Conc: 45.62 ng/ml



#16 4,4'-DDD

R.T.: 5.700 min
Delta R.T.: -0.006 min
Response: 81084530
Conc: 43.15 ng/ml



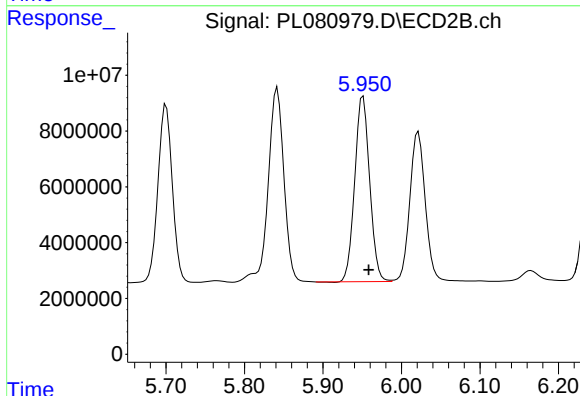
#17 4,4'-DDT

R.T.: 6.816 min
Delta R.T.: 0.000 min
Response: 87412231
Conc: 42.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
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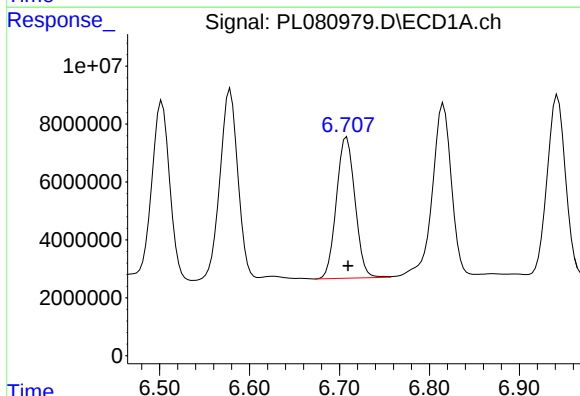
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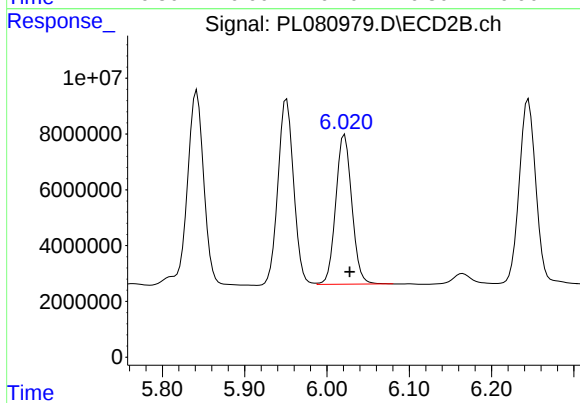
#17 4,4'-DDT

R.T.: 5.951 min
Delta R.T.: -0.007 min
Response: 87774212
Conc: 41.77 ng/ml



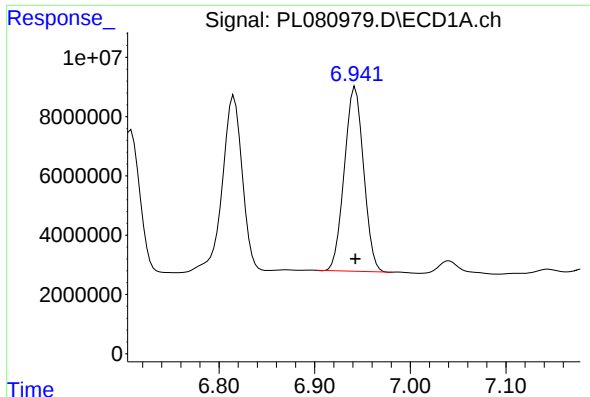
#18 Endrin aldehyde

R.T.: 6.708 min
Delta R.T.: -0.001 min
Response: 69949507
Conc: 42.05 ng/ml



#18 Endrin aldehyde

R.T.: 6.021 min
Delta R.T.: -0.006 min
Response: 72766707
Conc: 39.85 ng/ml



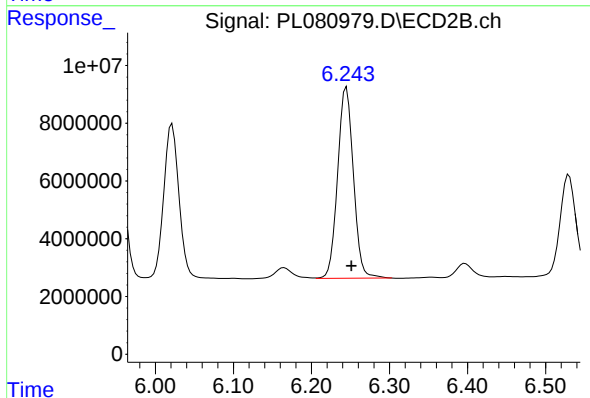
#19 Endosulfan Sulfate

R.T.: 6.943 min
Delta R.T.: 0.000 min
Response: 87238007
Conc: 42.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

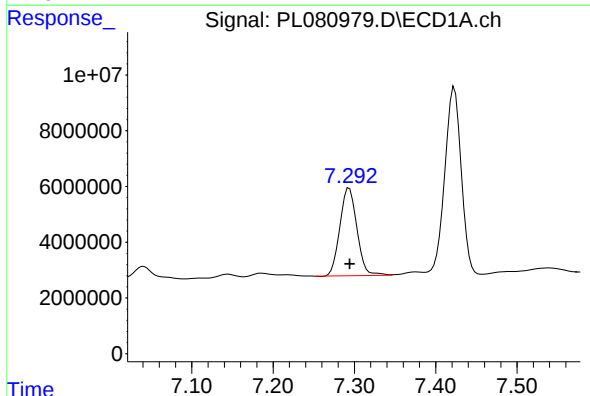
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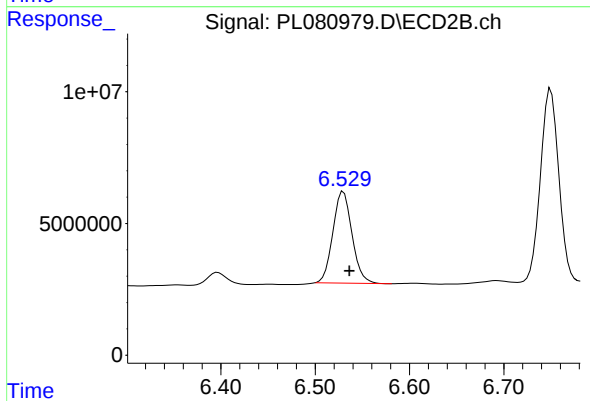
#19 Endosulfan Sulfate

R.T.: 6.245 min
Delta R.T.: -0.006 min
Response: 92941642
Conc: 39.96 ng/ml



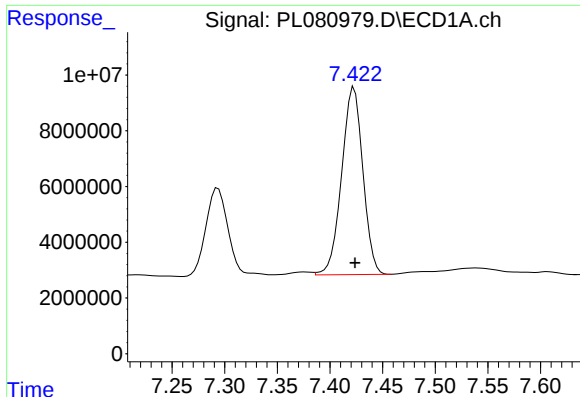
#20 Methoxychlor

R.T.: 7.294 min
Delta R.T.: 0.000 min
Response: 45842534
Conc: 41.55 ng/ml



#20 Methoxychlor

R.T.: 6.530 min
Delta R.T.: -0.006 min
Response: 49102665
Conc: 40.46 ng/ml



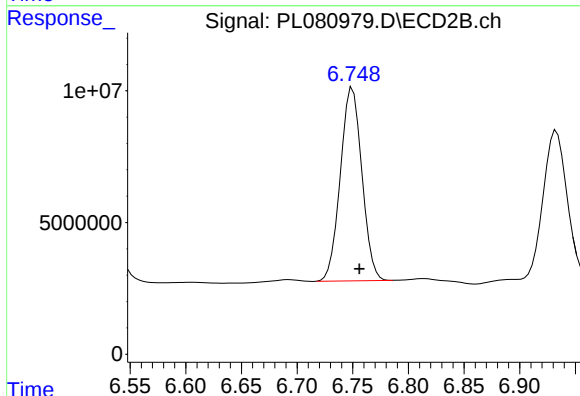
#21 Endrin ketone

R.T.: 7.423 min
Delta R.T.: 0.000 min
Response: 94619878
Conc: 42.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

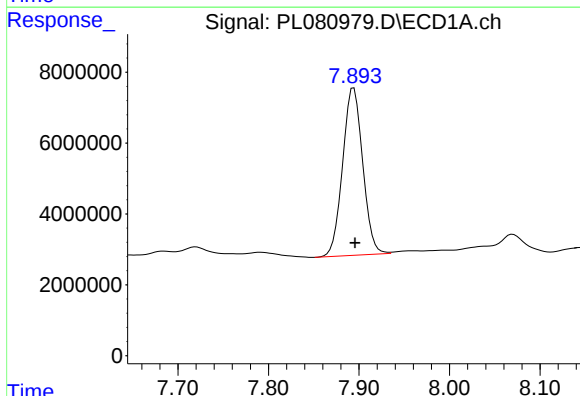
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/17/2023
Supervised By :Ankita Jodhani 02/17/2023



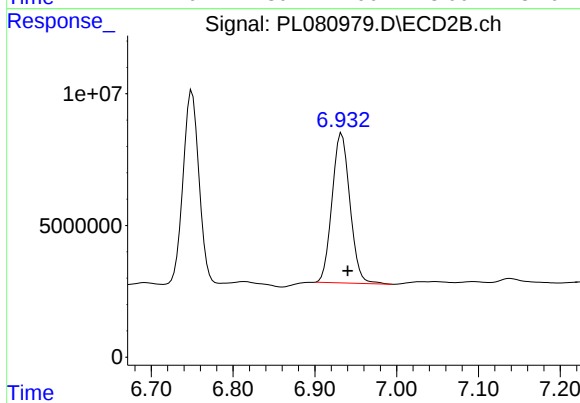
#21 Endrin ketone

R.T.: 6.750 min
Delta R.T.: -0.006 min
Response: 98867470
Conc: 38.72 ng/ml



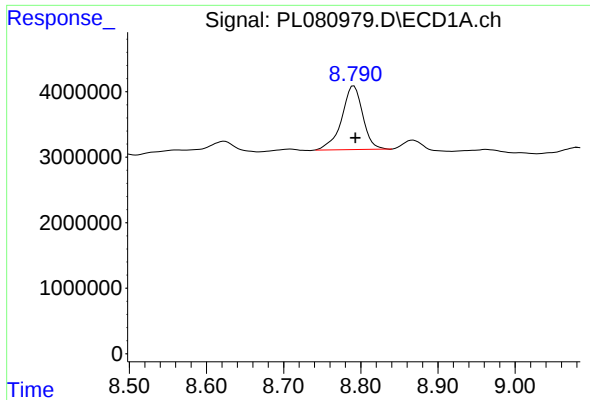
#22 Mirex

R.T.: 7.894 min
Delta R.T.: -0.001 min
Response: 72829108
Conc: 42.35 ng/ml



#22 Mirex

R.T.: 6.933 min
Delta R.T.: -0.007 min
Response: 86149284
Conc: 37.84 ng/ml



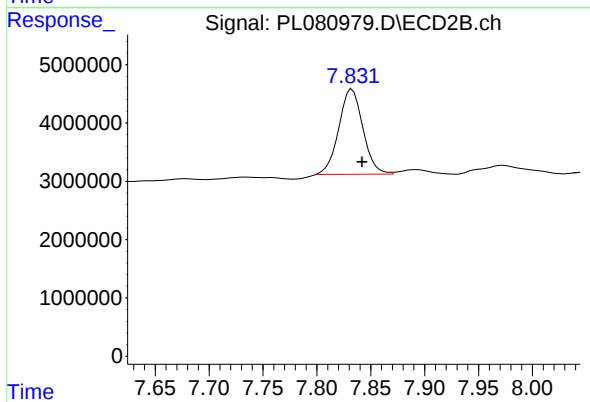
#28 Decachlorobiphenyl

R.T.: 8.791 min
Delta R.T.: -0.002 min
Response: 18380106
Conc: 10.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
RBR-200028MS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.833 min
Delta R.T.: -0.009 min
Response: 22799259
Conc: 9.57 ng/ml