

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
 Data File : PL086156.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Oct 2023 16:23
 Operator : AR\AJ
 Sample : 05027-04MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 H-DRUMS-SOLIDMSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/26/2023
 Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 25 17:13:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.355	2.622	30773129	12185682	10.347	13.045 #
28)	SA Decachlor...	8.854	7.771	29748805	12780992	13.658	13.847
Target Compounds							
2)	A alpha-BHC	3.809	3.120	157.0E6	51902419	36.572	41.254
3)	MA gamma-BHC...	4.141	3.447	145.6E6	53177210	35.221	43.116
4)	MA Heptachlor	4.728	3.783	147.1E6	52215753	38.037	44.895
5)	MB Aldrin	5.067	4.059	146.1E6	53212754	37.696	47.585 #
6)	B beta-BHC	4.344	3.749	64567439	23613898	39.046	45.360
7)	B delta-BHC	4.587	3.974	140.6E6	50882640	36.661	44.285
8)	B Heptachlo...	5.497	4.564	133.4E6	48590023	38.673	48.377 #
9)	A Endosulfan I	5.881	4.932	129.1E6	48722186	39.933	45.418
10)	B gamma-Chl...	5.755	4.815	141.2E6	51657271	41.276	52.159 #
11)	B alpha-Chl...	5.834	4.879	140.1E6	50933813	40.984	46.697
12)	B 4,4'-DDE	6.017	5.079	127.9E6	44946169	45.744	54.737
13)	MA Dieldrin	6.157	5.197	143.7E6	51421503	43.727	53.000
14)	MA Endrin	6.386	5.471	131.6E6	48392555	46.193	53.829
15)	B Endosulfa...	6.609	5.769	131.9E6	48462755	47.869	50.963
16)	A 4,4'-DDD	6.534	5.634	112.6E6	40222133	55.878m	57.787
17)	MA 4,4'-DDT	6.850	5.885	123.1E6	45795490	52.229	57.914
18)	B Endrin al...	6.740	5.950	109.5E6	40028722	54.009	53.679
19)	B Endosulfa...	6.976	6.174	131.2E6	49307363	52.285	54.657
20)	A Methoxychlor	7.335	6.470	68790430	28255932	49.255m	53.711
21)	B Endrin ke...	7.458	6.676	157.2E6	61899004	54.587	53.853
22)	Mirex	7.930	6.853	158.5E6	56969353	71.581	60.402

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102523\
Data File : PL086156.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 25 Oct 2023 16:23
Operator : AR\AJ
Sample : 05027-04MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

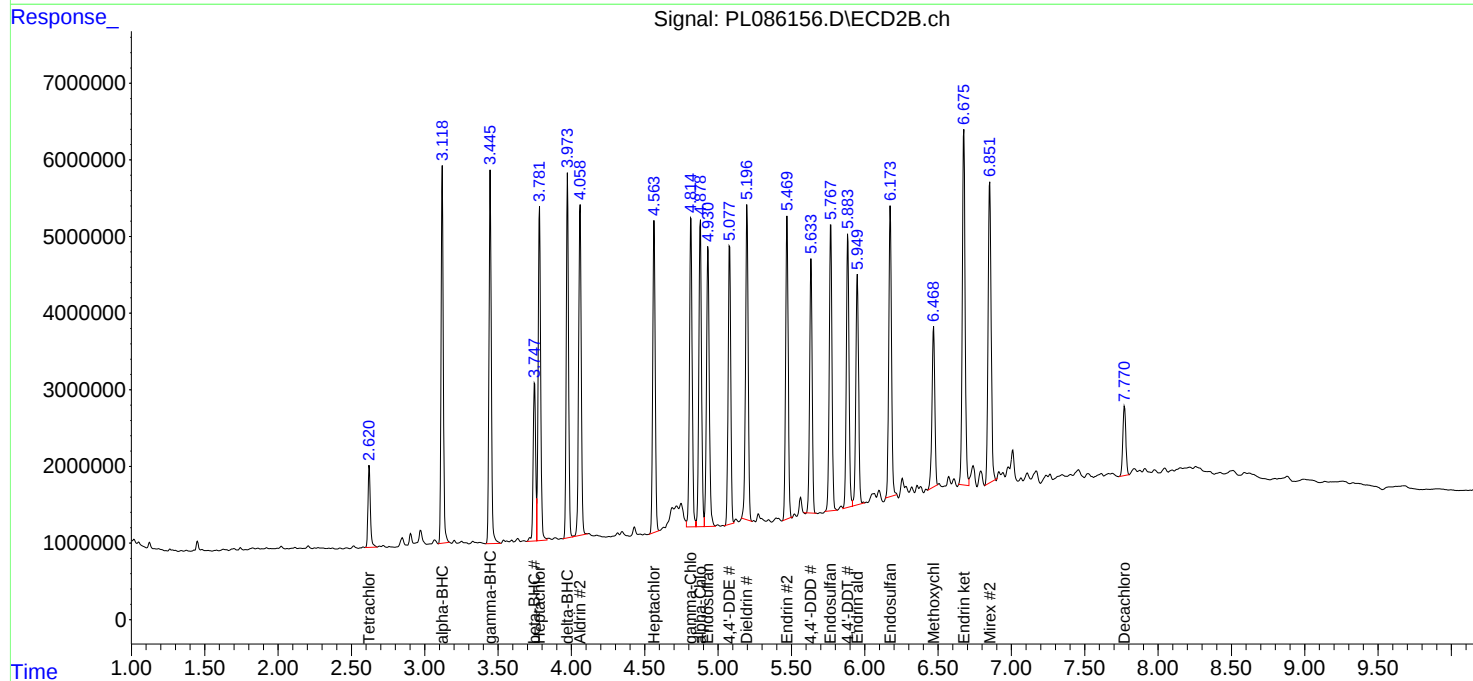
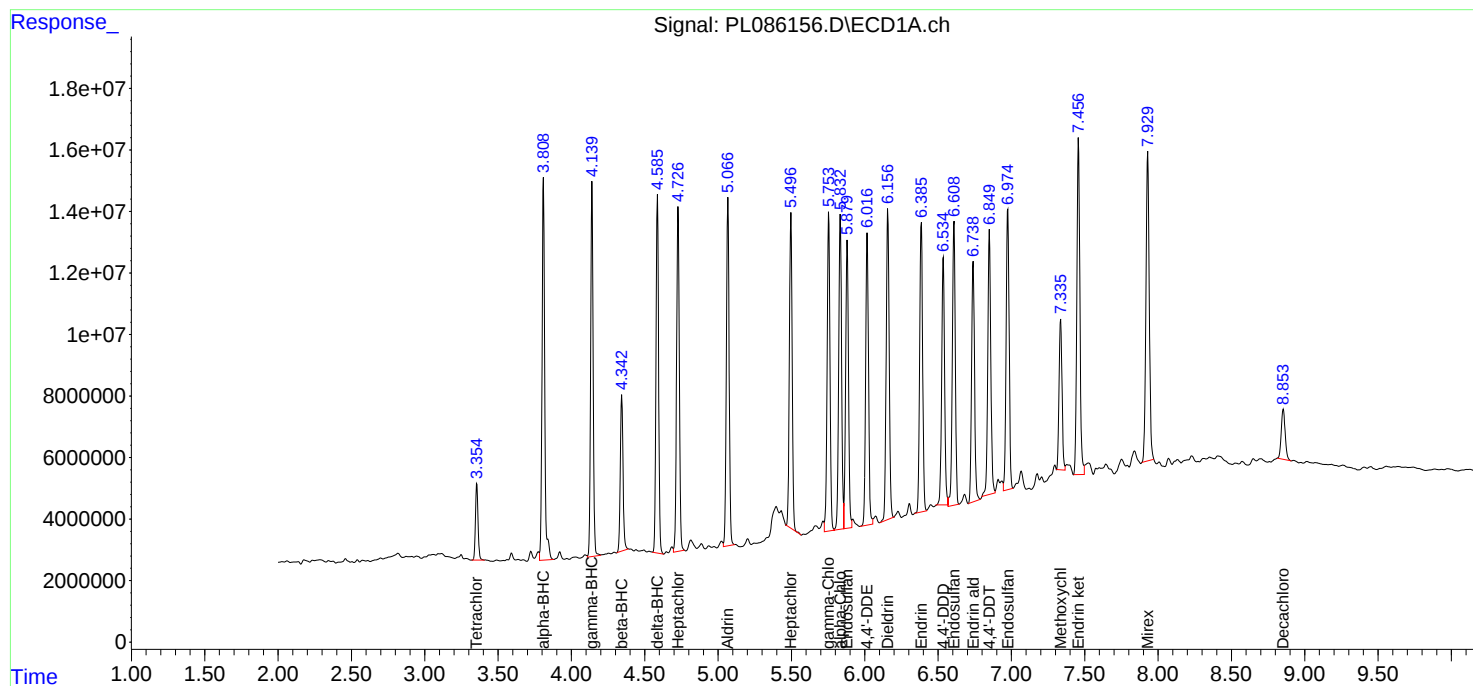
Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

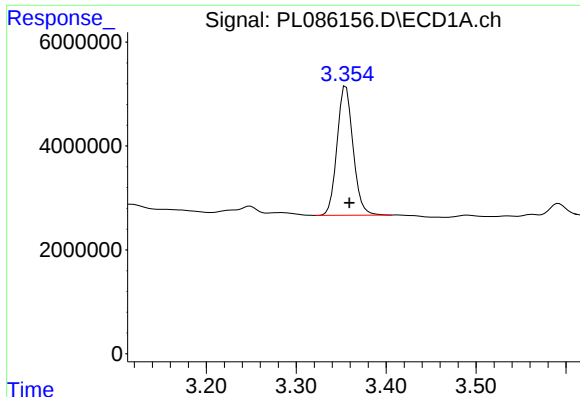
Manual Integrations
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Supervised By :Ankita Jodhani 10/26/2023

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Oct 25 17:13:50 2023
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
Quant Title : GC Extractables
QLast Update : Wed Oct 04 05:29:39 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





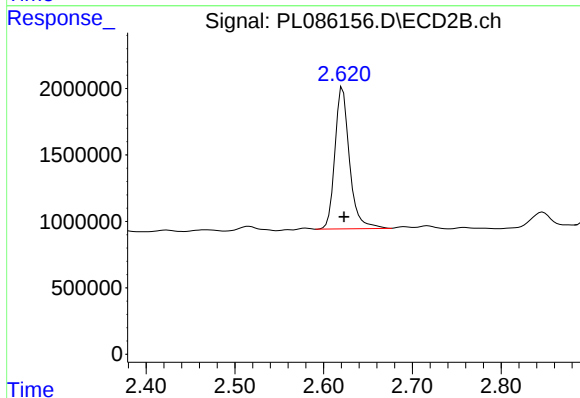
#1 Tetrachloro-m-xylene

R.T.: 3.355 min
Delta R.T.: -0.004 min
Response: 30773129
Conc: 10.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

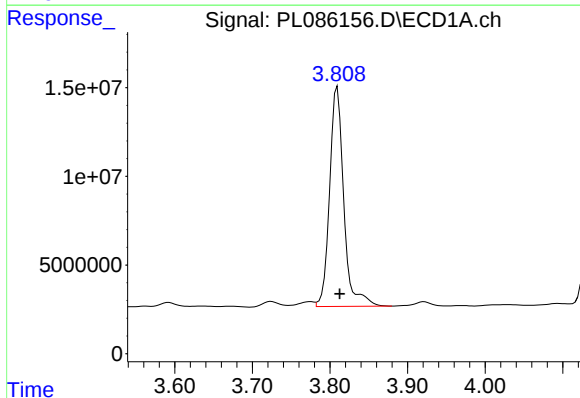
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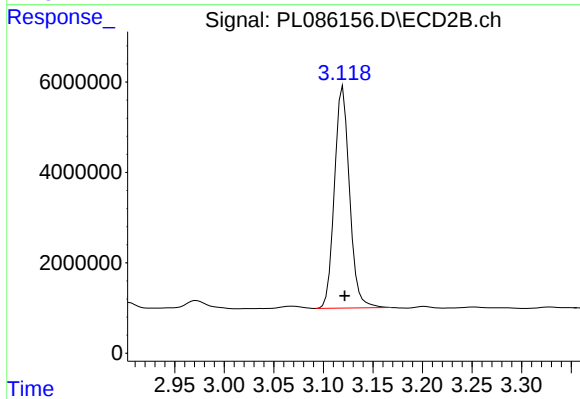
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: -0.001 min
Response: 12185682
Conc: 13.05 ng/ml



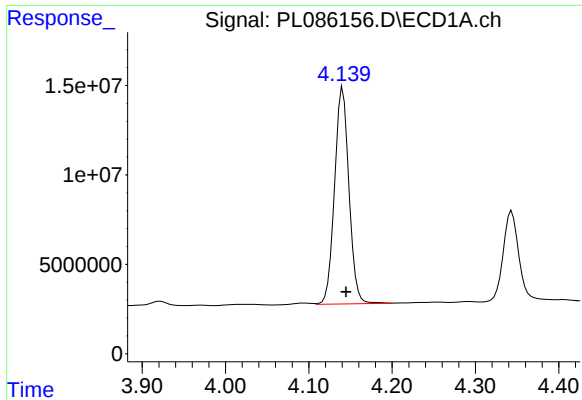
#2 alpha-BHC

R.T.: 3.809 min
Delta R.T.: -0.003 min
Response: 156962500
Conc: 36.57 ng/ml



#2 alpha-BHC

R.T.: 3.120 min
Delta R.T.: -0.002 min
Response: 51902419
Conc: 41.25 ng/ml



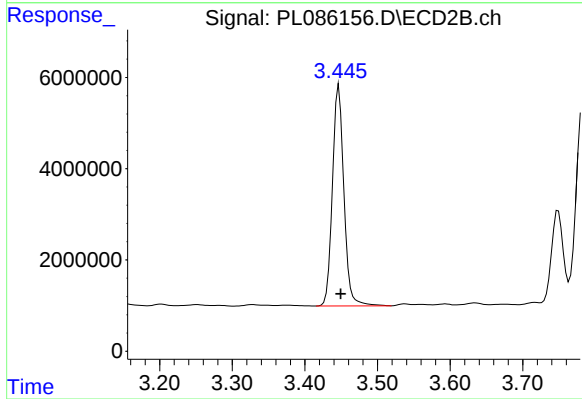
#3 gamma-BHC (Lindane)

R.T.: 4.141 min
Delta R.T.: -0.004 min
Response: 145580807
Conc: 35.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

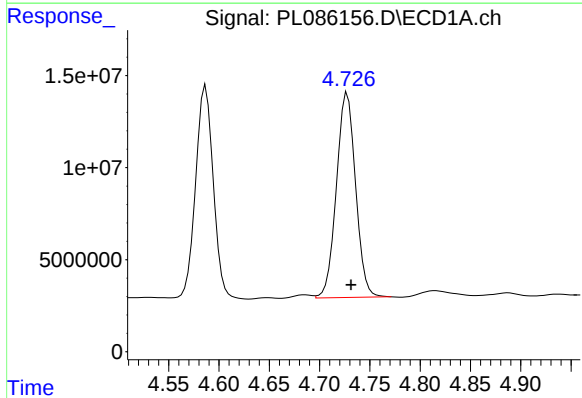
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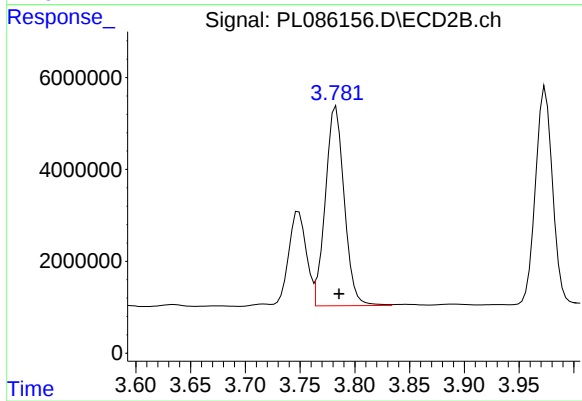
#3 gamma-BHC (Lindane)

R.T.: 3.447 min
Delta R.T.: -0.002 min
Response: 53177210
Conc: 43.12 ng/ml



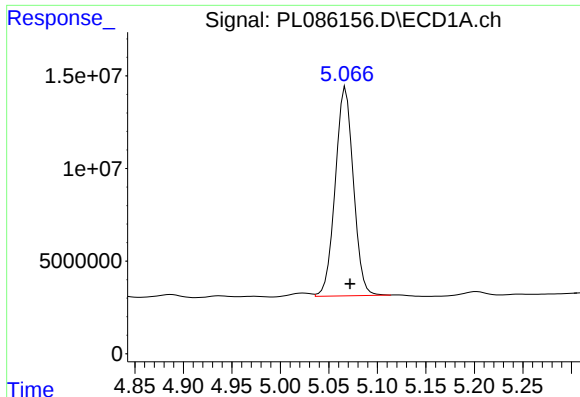
#4 Heptachlor

R.T.: 4.728 min
Delta R.T.: -0.004 min
Response: 147112231
Conc: 38.04 ng/ml



#4 Heptachlor

R.T.: 3.783 min
Delta R.T.: -0.003 min
Response: 52215753
Conc: 44.90 ng/ml



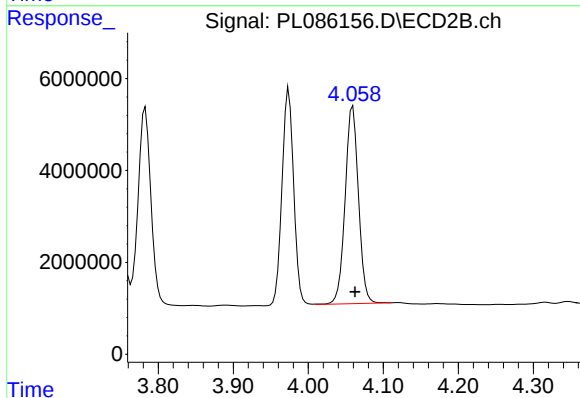
#5 Aldrin

R.T.: 5.067 min
Delta R.T.: -0.005 min
Response: 146123151
Conc: 37.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

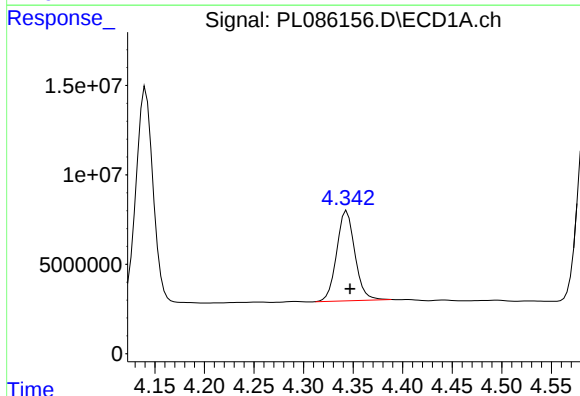
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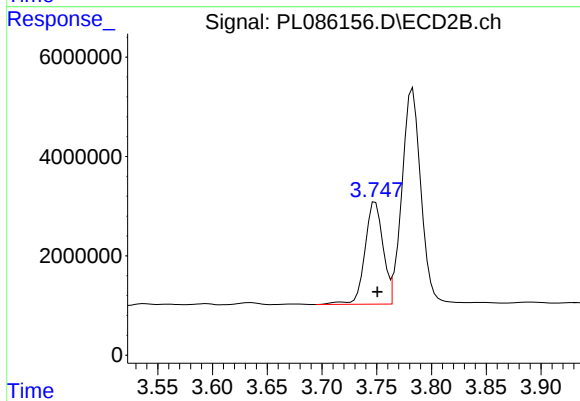
#5 Aldrin

R.T.: 4.059 min
Delta R.T.: -0.003 min
Response: 53212754
Conc: 47.59 ng/ml



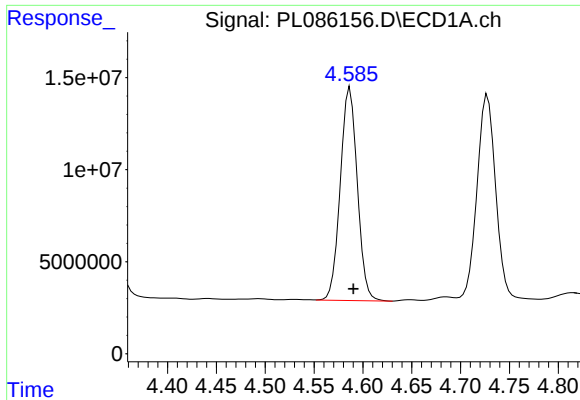
#6 beta-BHC

R.T.: 4.344 min
Delta R.T.: -0.004 min
Response: 64567439
Conc: 39.05 ng/ml



#6 beta-BHC

R.T.: 3.749 min
Delta R.T.: -0.002 min
Response: 23613898
Conc: 45.36 ng/ml



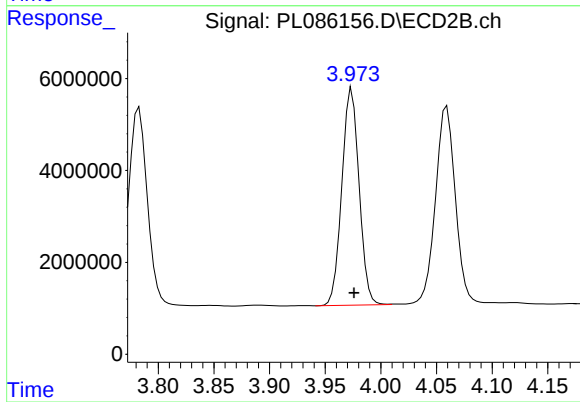
#7 delta-BHC

R.T.: 4.587 min
Delta R.T.: -0.003 min
Response: 140572688
Conc: 36.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

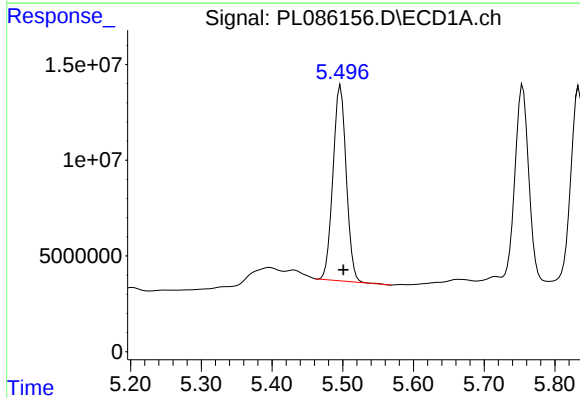
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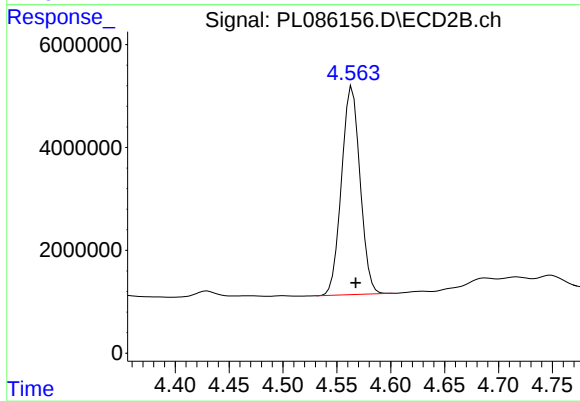
#7 delta-BHC

R.T.: 3.974 min
Delta R.T.: -0.002 min
Response: 50882640
Conc: 44.29 ng/ml



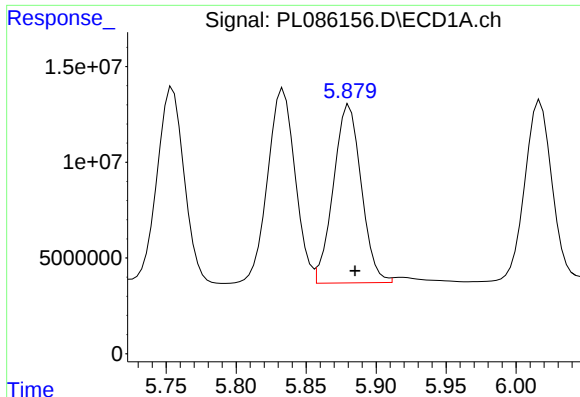
#8 Heptachlor epoxide

R.T.: 5.497 min
Delta R.T.: -0.004 min
Response: 133414930
Conc: 38.67 ng/ml



#8 Heptachlor epoxide

R.T.: 4.564 min
Delta R.T.: -0.003 min
Response: 48590023
Conc: 48.38 ng/ml



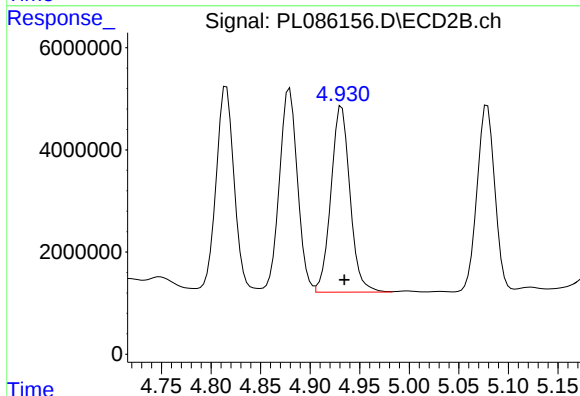
#9 Endosulfan I

R.T.: 5.881 min
Delta R.T.: -0.004 min
Response: 129143802
Conc: 39.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

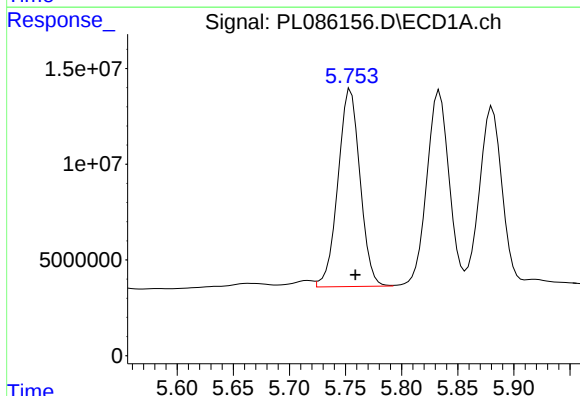
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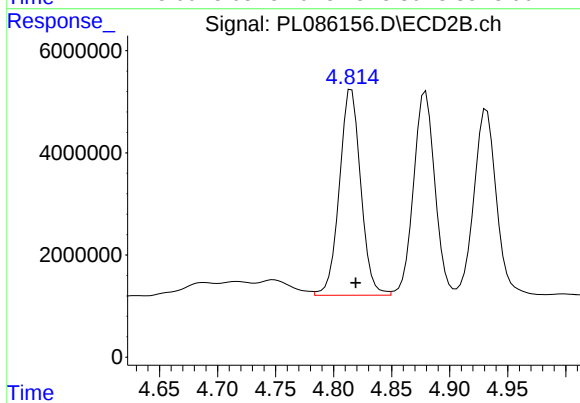
#9 Endosulfan I

R.T.: 4.932 min
Delta R.T.: -0.003 min
Response: 48722186
Conc: 45.42 ng/ml



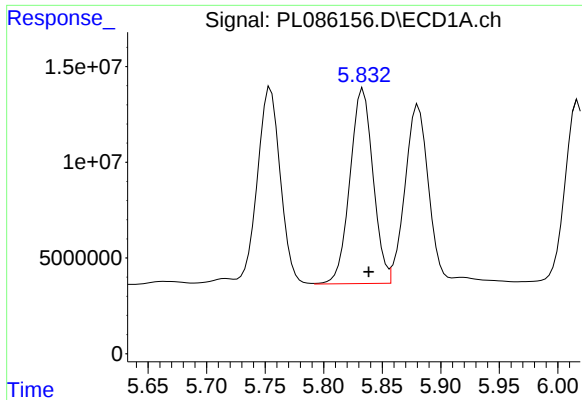
#10 gamma-Chlordane

R.T.: 5.755 min
Delta R.T.: -0.004 min
Response: 141223753
Conc: 41.28 ng/ml



#10 gamma-Chlordane

R.T.: 4.815 min
Delta R.T.: -0.003 min
Response: 51657271
Conc: 52.16 ng/ml



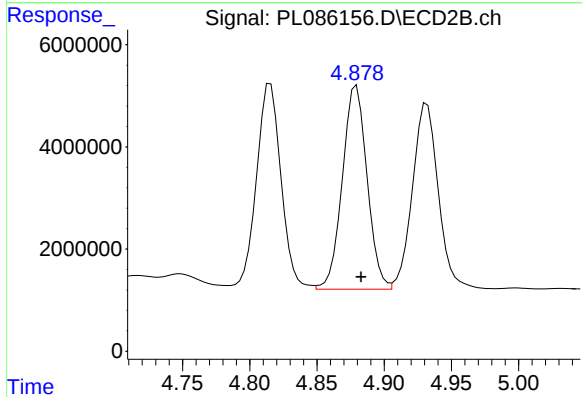
#11 alpha-Chlordane

R.T.: 5.834 min
Delta R.T.: -0.005 min
Response: 140068336
Conc: 40.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

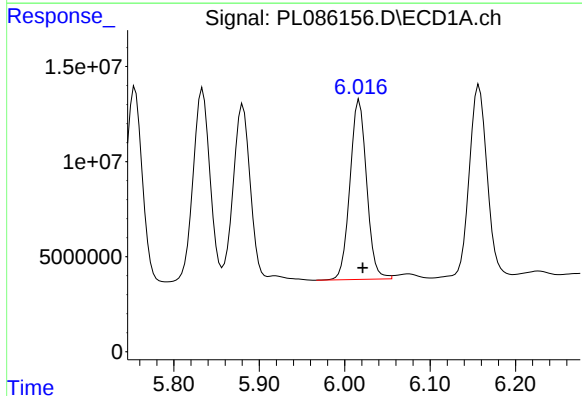
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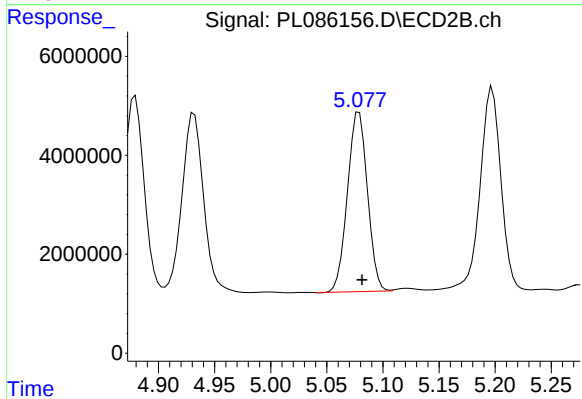
#11 alpha-Chlordane

R.T.: 4.879 min
Delta R.T.: -0.003 min
Response: 50933813
Conc: 46.70 ng/ml



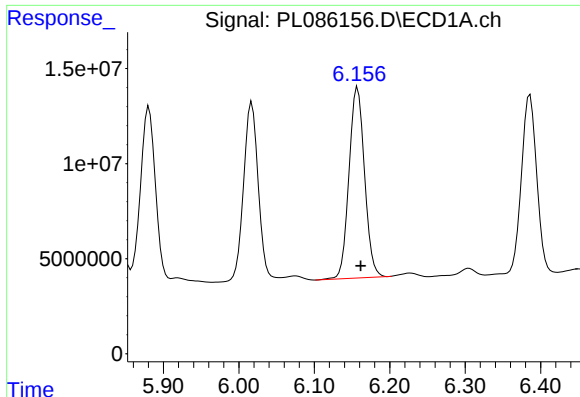
#12 4,4'-DDE

R.T.: 6.017 min
Delta R.T.: -0.004 min
Response: 127924507
Conc: 45.74 ng/ml



#12 4,4'-DDE

R.T.: 5.079 min
Delta R.T.: -0.003 min
Response: 44946169
Conc: 54.74 ng/ml



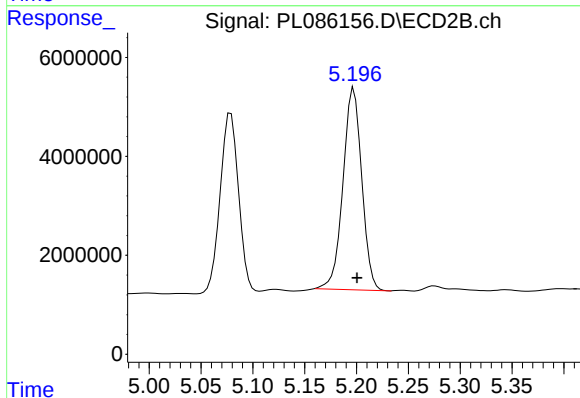
#13 Dieldrin

R.T.: 6.157 min
Delta R.T.: -0.004 min
Response: 143687202
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
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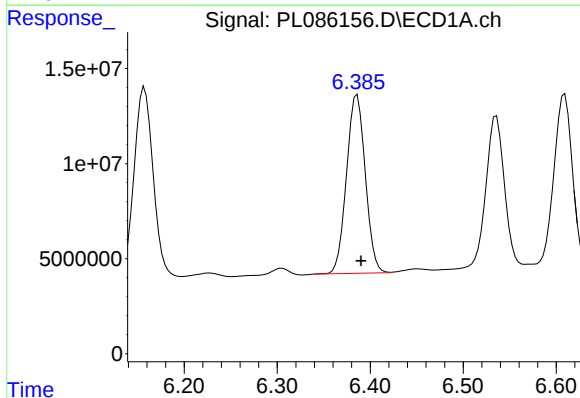
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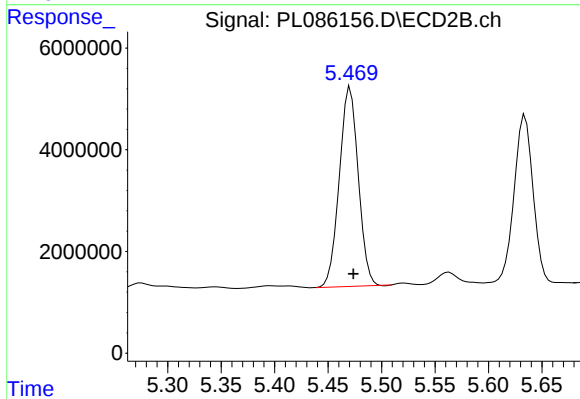
#13 Dieldrin

R.T.: 5.197 min
Delta R.T.: -0.003 min
Response: 51421503
Conc: 53.00 ng/ml



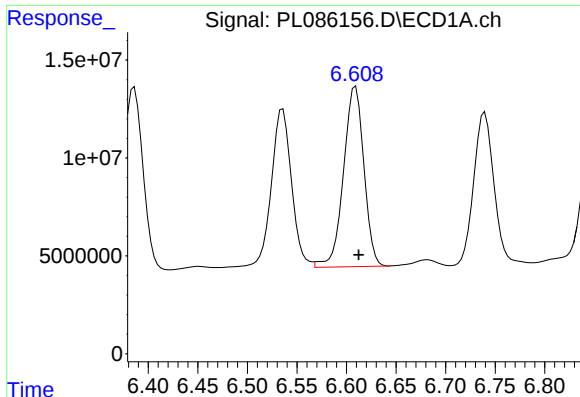
#14 Endrin

R.T.: 6.386 min
Delta R.T.: -0.004 min
Response: 131640008
Conc: 46.19 ng/ml



#14 Endrin

R.T.: 5.471 min
Delta R.T.: -0.003 min
Response: 48392555
Conc: 53.83 ng/ml



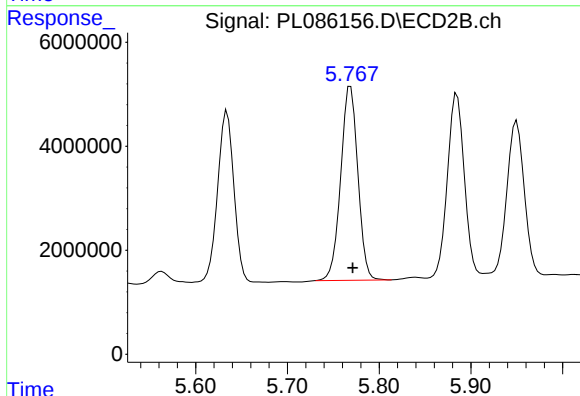
#15 Endosulfan II

R.T.: 6.609 min
Delta R.T.: -0.003 min
Response: 131902435
Conc: 47.87 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

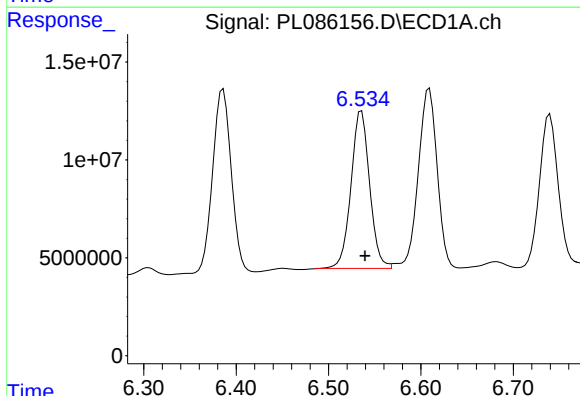
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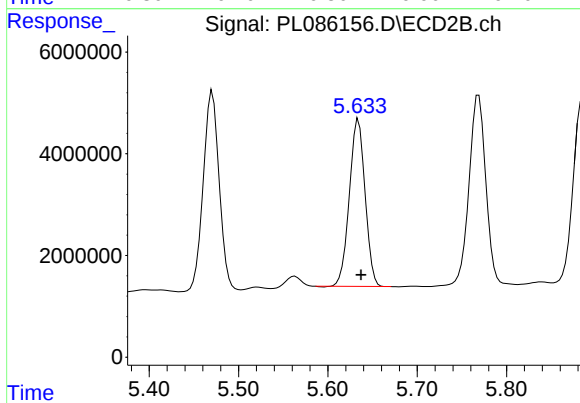
#15 Endosulfan II

R.T.: 5.769 min
Delta R.T.: -0.002 min
Response: 48462755
Conc: 50.96 ng/ml



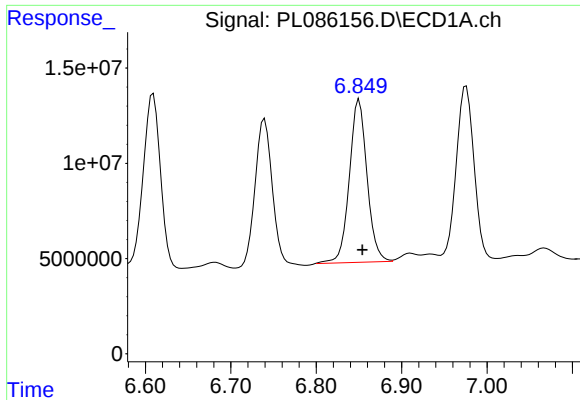
#16 4,4'-DDD

R.T.: 6.534 min
Delta R.T.: -0.005 min
Response: 112575035
Conc: 55.88 ng/ml m



#16 4,4'-DDD

R.T.: 5.634 min
Delta R.T.: -0.003 min
Response: 40222133
Conc: 57.79 ng/ml



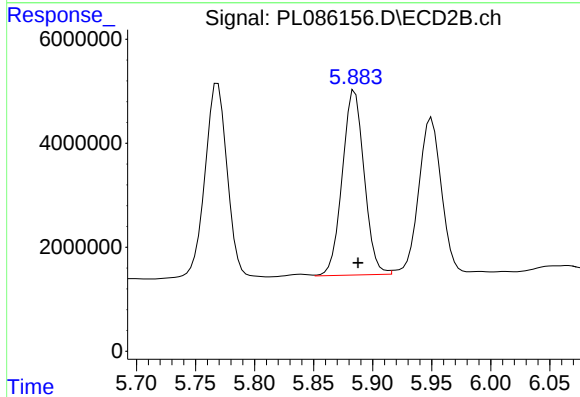
#17 4,4'-DDT

R.T.: 6.850 min
Delta R.T.: -0.004 min
Response: 123108644
Conc: 52.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

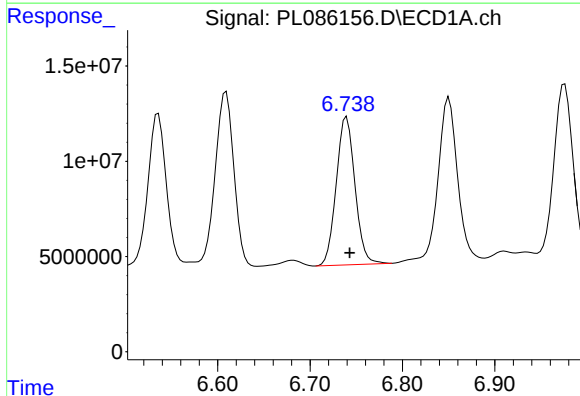
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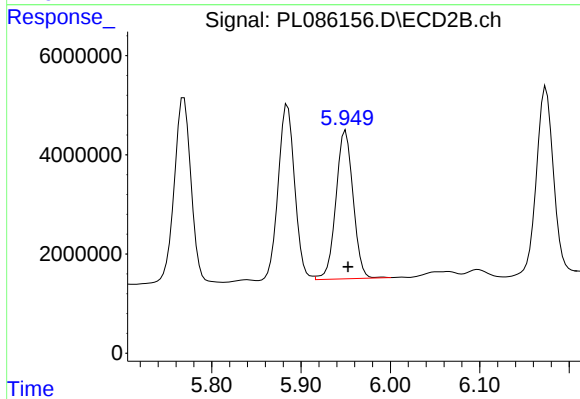
#17 4,4'-DDT

R.T.: 5.885 min
Delta R.T.: -0.003 min
Response: 45795490
Conc: 57.91 ng/ml



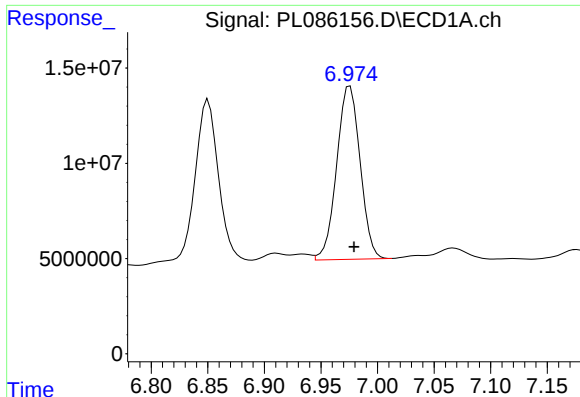
#18 Endrin aldehyde

R.T.: 6.740 min
Delta R.T.: -0.003 min
Response: 109464077
Conc: 54.01 ng/ml



#18 Endrin aldehyde

R.T.: 5.950 min
Delta R.T.: -0.003 min
Response: 40028722
Conc: 53.68 ng/ml



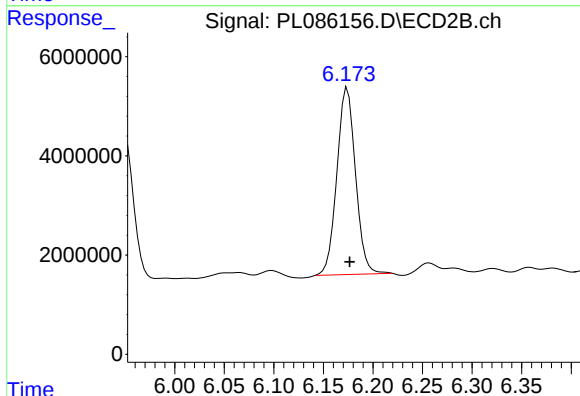
#19 Endosulfan Sulfate

R.T.: 6.976 min
Delta R.T.: -0.004 min
Response: 131221700
Conc: 52.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

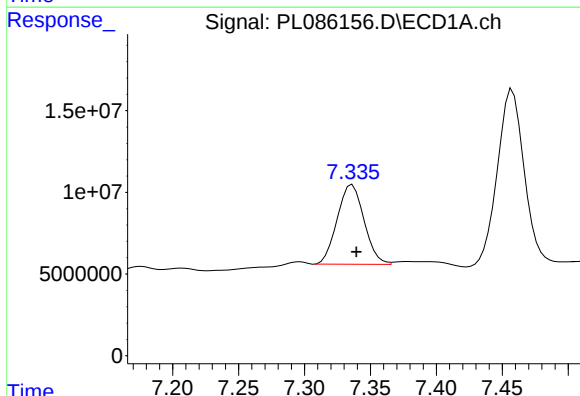
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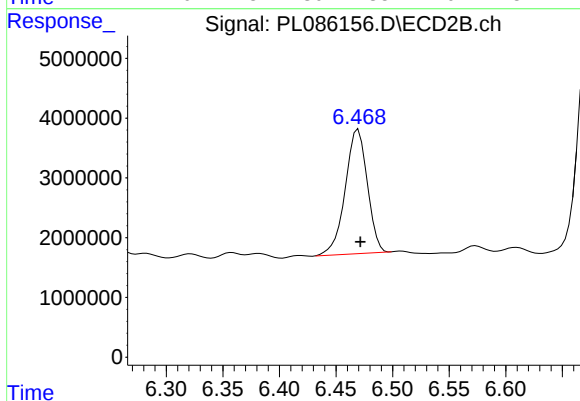
#19 Endosulfan Sulfate

R.T.: 6.174 min
Delta R.T.: -0.003 min
Response: 49307363
Conc: 54.66 ng/ml



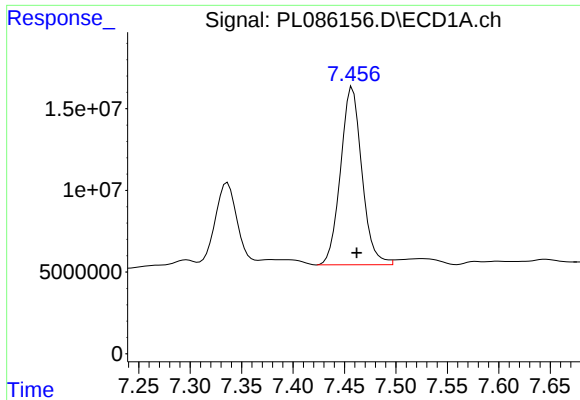
#20 Methoxychlor

R.T.: 7.335 min
Delta R.T.: -0.004 min
Response: 68790430
Conc: 49.25 ng/ml m



#20 Methoxychlor

R.T.: 6.470 min
Delta R.T.: -0.002 min
Response: 28255932
Conc: 53.71 ng/ml



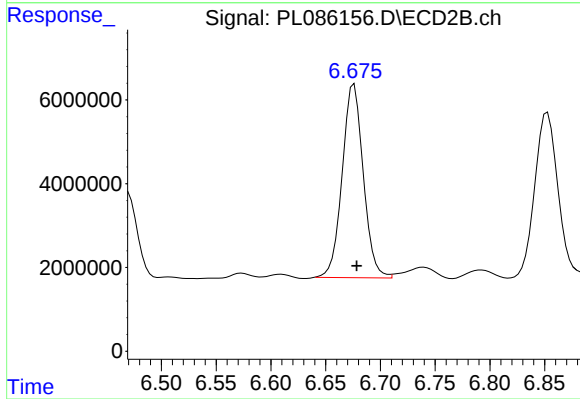
#21 Endrin ketone

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 157224349
Conc: 54.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

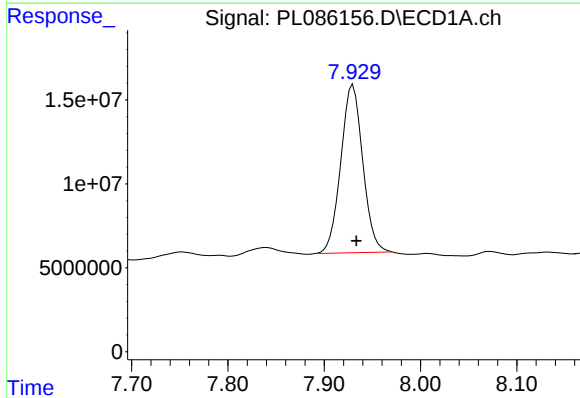
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



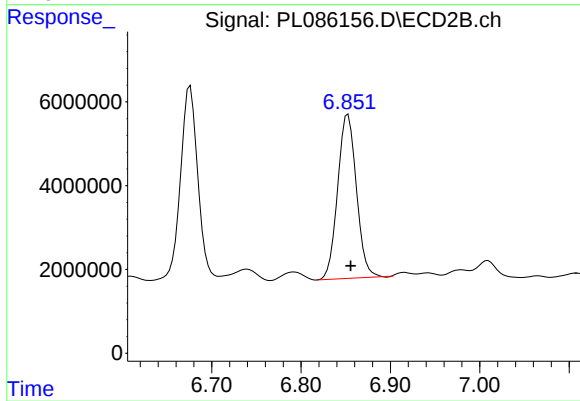
#21 Endrin ketone

R.T.: 6.676 min
Delta R.T.: -0.002 min
Response: 61899004
Conc: 53.85 ng/ml



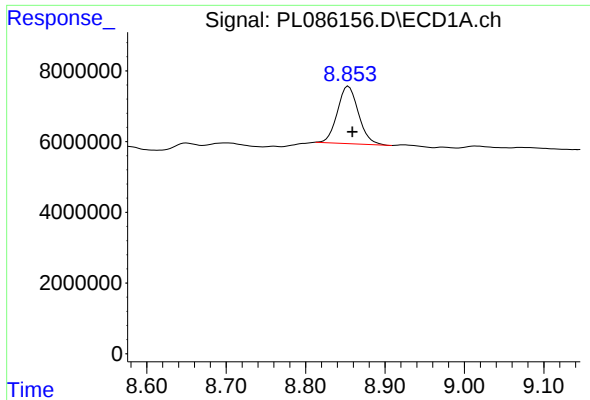
#22 Mirex

R.T.: 7.930 min
Delta R.T.: -0.003 min
Response: 158479063
Conc: 71.58 ng/ml



#22 Mirex

R.T.: 6.853 min
Delta R.T.: -0.003 min
Response: 56969353
Conc: 60.40 ng/ml



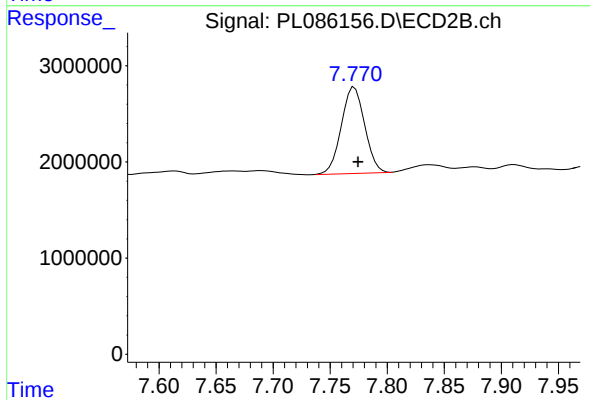
#28 Decachlorobiphenyl

R.T.: 8.854 min
Delta R.T.: -0.005 min
Response: 29748805
Conc: 13.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
H-DRUMS-SOLIDMSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/26/2023
Supervised By :Ankita Jodhani 10/26/2023



#28 Decachlorobiphenyl

R.T.: 7.771 min
Delta R.T.: -0.003 min
Response: 12780992
Conc: 13.85 ng/ml