

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
 Data File : PL065432.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 Mar 2021 12:19
 Operator : AR\AJ
 Sample : M1682-02MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 SP-MANHOLEMSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 14:03:53 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 19 02:14:11 2021
 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...	3.288	3.787	43500558	43442426	18.318	15.828
2)	SA Decachlor...	7.929	8.739	38630594	36839321	15.989	18.586
Target Compounds							
2)	A alpha-BHC	3.712	4.172	182.3E6	165.4E6	48.757	40.706
3)	MA gamma-BHC...	3.986	4.451	171.4E6	151.7E6	50.124	41.554
4)	MA Heptachlor	4.271	4.938	132.0E6	119.6E6	40.328	35.867
5)	MB Aldrin	4.507	5.233	149.0E6	134.6E6	47.020m	41.112m
6)	B beta-BHC	4.235	4.634	61855375	63782270	43.742	37.024
7)	B delta-BHC	4.428	4.839	158.3E6	149.6E6	47.600	50.062m
8)	B Heptachlo...	4.941	5.619	141.2E6	122.1E6	47.745	42.235m
9)	A Endosulfan I	5.269	5.971	147.8E6	101.5E6	54.235	38.554 #
10)	B gamma-Chl...	5.161	5.850	161.3E6	121.0E6	54.639m	43.376m
11)	B alpha-Chl...	5.218	5.921	154.1E6	124.5E6	52.962	44.858
12)	B 4,4'-DDE	5.385	6.083	132.5E6	99435510	50.341	39.921m
13)	MA Dieldrin	5.506	6.226	143.5E6	108.1E6	51.249	39.733
14)	MA Endrin	5.756	6.442	111.8E6	94085572	44.769	42.595
15)	B Endosulfa...	6.027	6.658	111.0E6	100.8E6	45.313	44.667
16)	A 4,4'-DDD	5.891	6.576	98501826	100.4E6	44.568	45.656
17)	MA 4,4'-DDT	6.124	6.869	92765148	84024236	49.011	42.809
18)	B Endrin al...	6.195	6.782	84680053	79041722	44.098	45.118
19)	B Endosulfa...	6.405	7.003	114.3E6	92820129	46.266	42.312m
20)	A Methoxychlor	6.669	7.334	49166530	44049541	42.884m	42.178
21)	B Endrin ke...	6.883	7.470	109.3E6	105.4E6	40.667	44.671
22)	Mirex	7.055	7.906	80858168	74027614	39.708	44.475

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031921\
Data File : PL065432.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 19 Mar 2021 12:19
Operator : AR\AJ
Sample : M1682-02MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

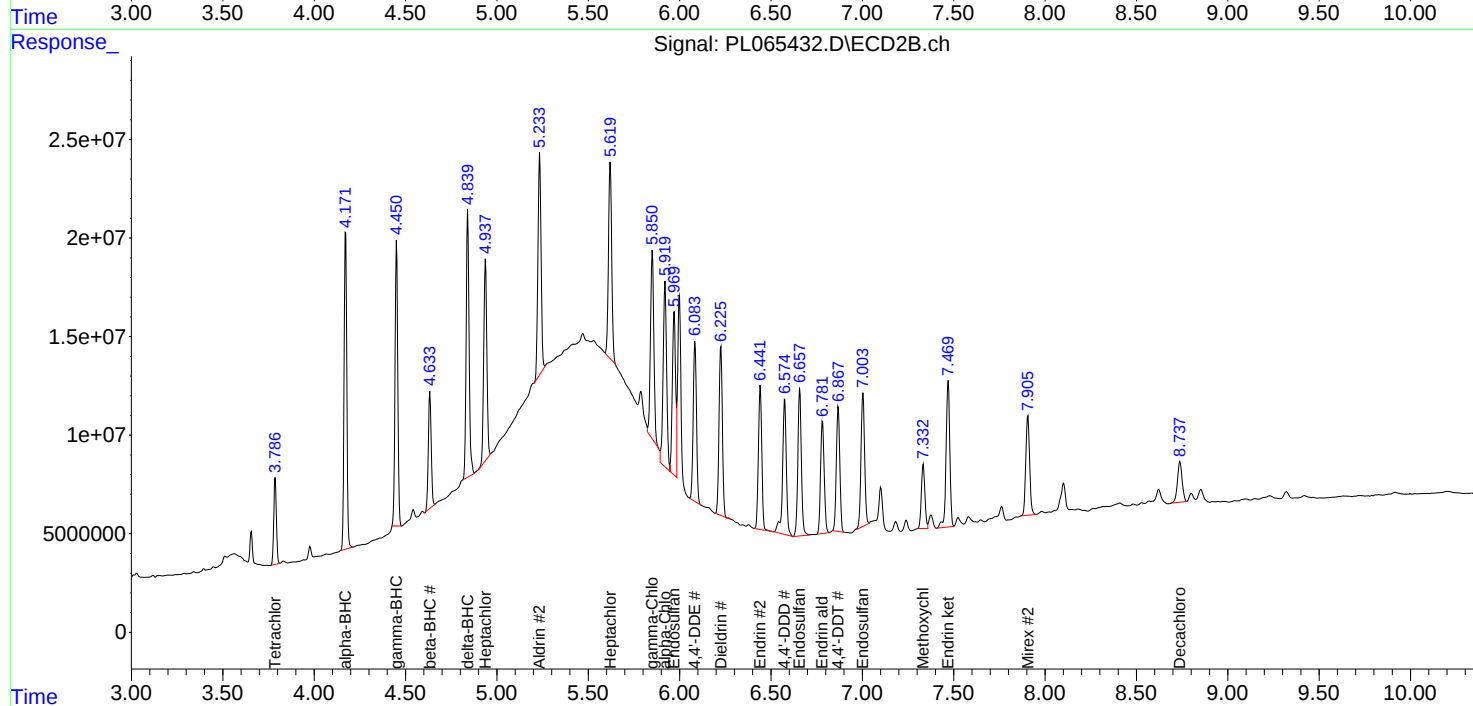
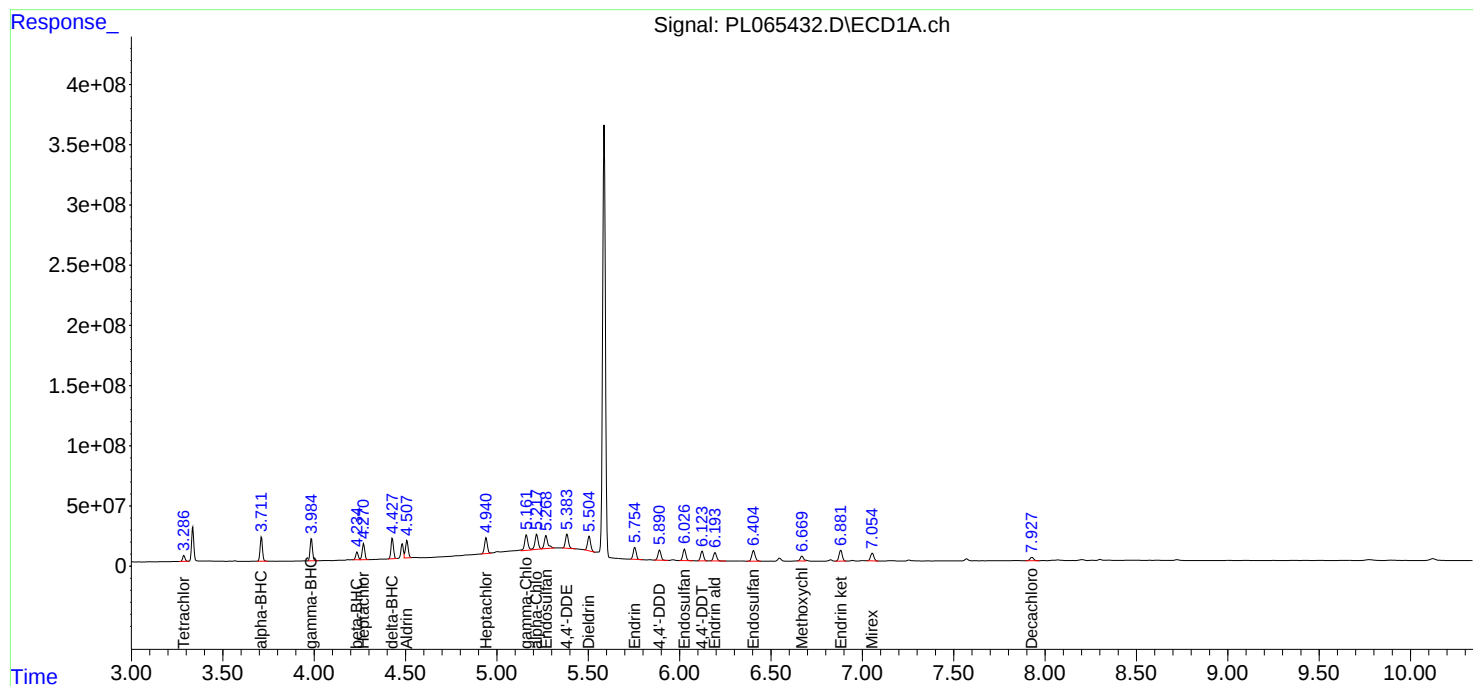
Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

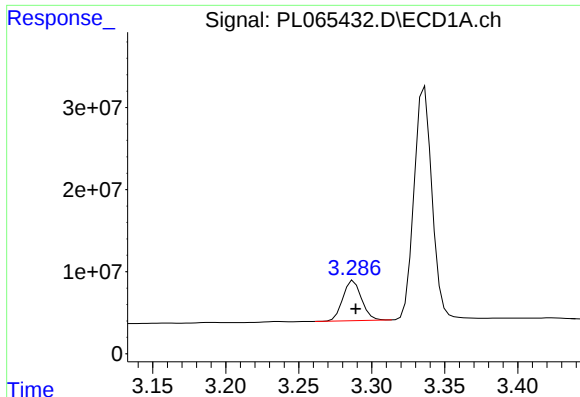
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 14:03:53 2021
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031821.M
Quant Title : GC Extractables
QLast Update : Fri Mar 19 02:14:11 2021
Response 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





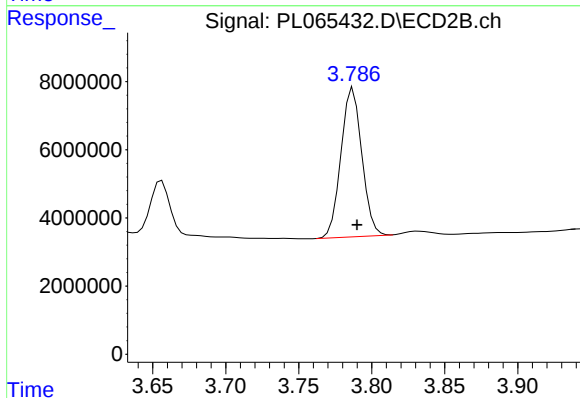
#1 Tetrachloro-m-xylene

R.T.: 3.288 min
Delta R.T.: -0.001 min
Response: 43500558
Conc: 18.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

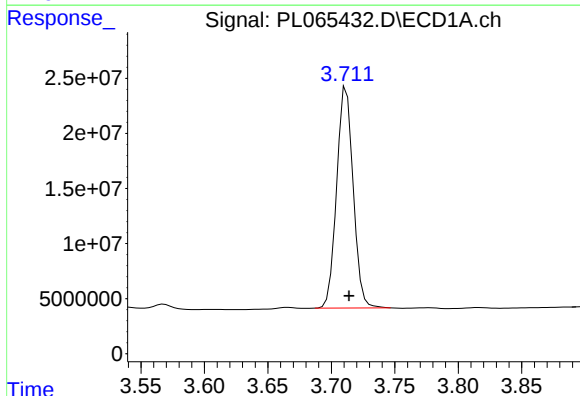
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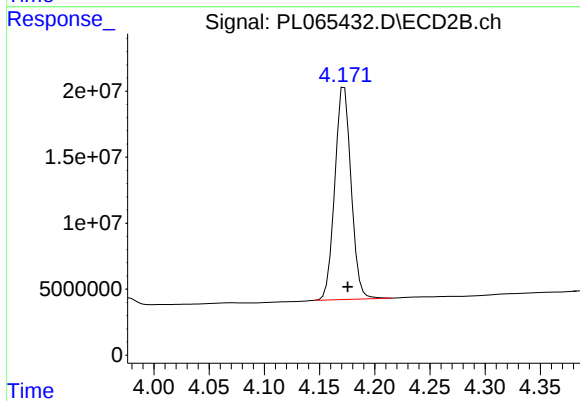
#1 Tetrachloro-m-xylene

R.T.: 3.787 min
Delta R.T.: -0.003 min
Response: 43442426
Conc: 15.83 ng/ml



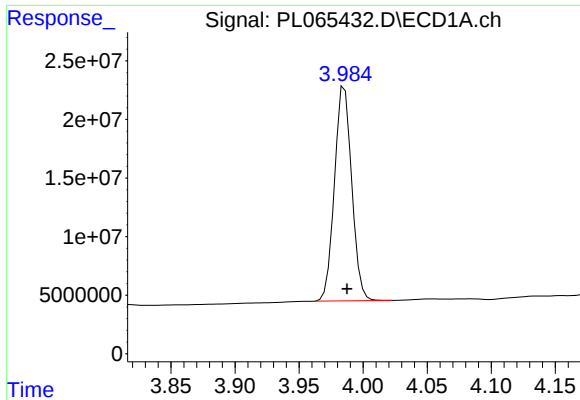
#2 alpha-BHC

R.T.: 3.712 min
Delta R.T.: -0.002 min
Response: 182287659
Conc: 48.76 ng/ml



#2 alpha-BHC

R.T.: 4.172 min
Delta R.T.: -0.003 min
Response: 165420458
Conc: 40.71 ng/ml



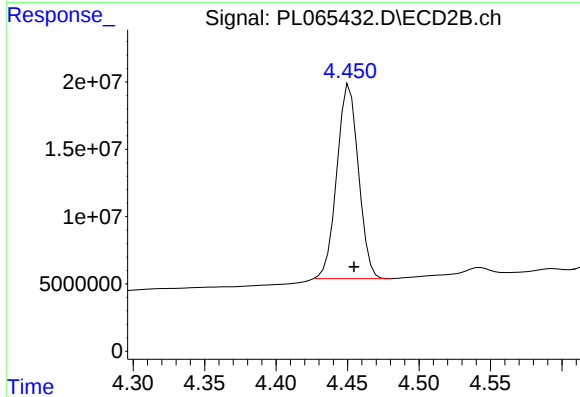
#3 gamma-BHC (Lindane)

R.T.: 3.986 min
Delta R.T.: -0.002 min
Response: 171432437
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

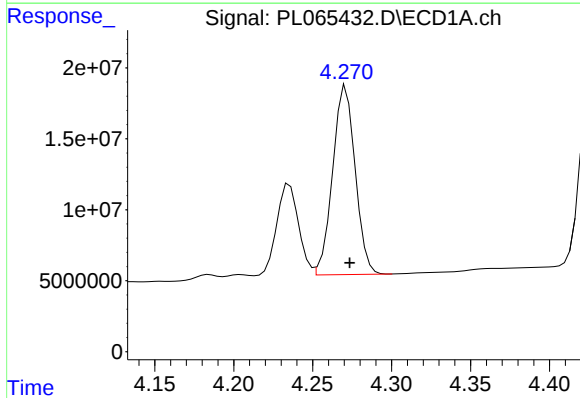
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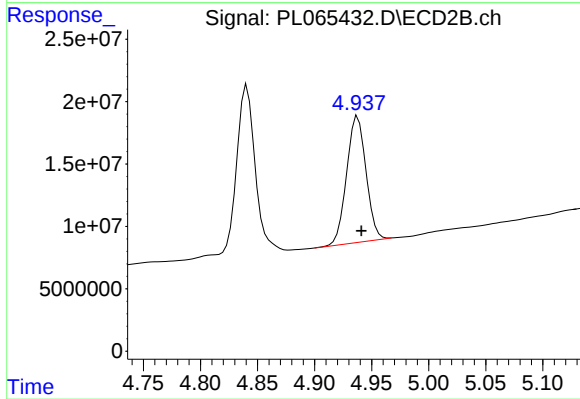
#3 gamma-BHC (Lindane)

R.T.: 4.451 min
Delta R.T.: -0.003 min
Response: 151735926
Conc: 41.55 ng/ml



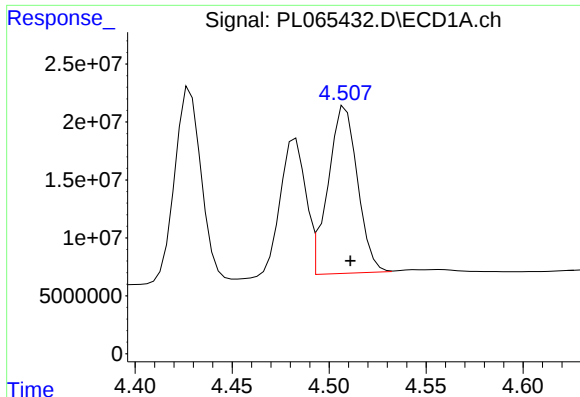
#4 Heptachlor

R.T.: 4.271 min
Delta R.T.: -0.002 min
Response: 131982415
Conc: 40.33 ng/ml



#4 Heptachlor

R.T.: 4.938 min
Delta R.T.: -0.003 min
Response: 119606125
Conc: 35.87 ng/ml



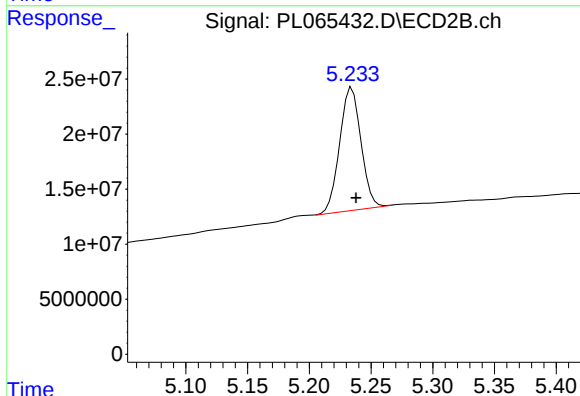
#5 Aldrin

R.T.: 4.507 min
Delta R.T.: -0.004 min
Response: 148989957
Conc: 47.02 ng/ml m

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

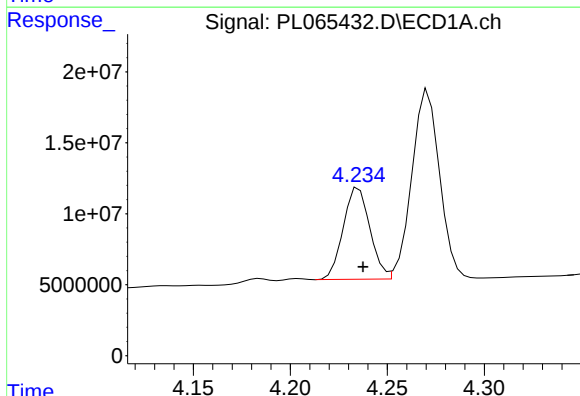
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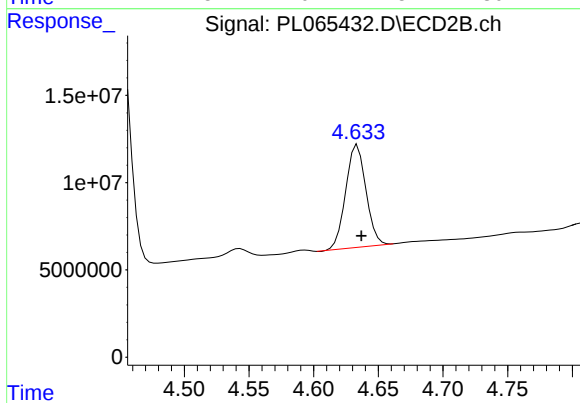
#5 Aldrin

R.T.: 5.233 min
Delta R.T.: -0.005 min
Response: 134646864
Conc: 41.11 ng/ml m



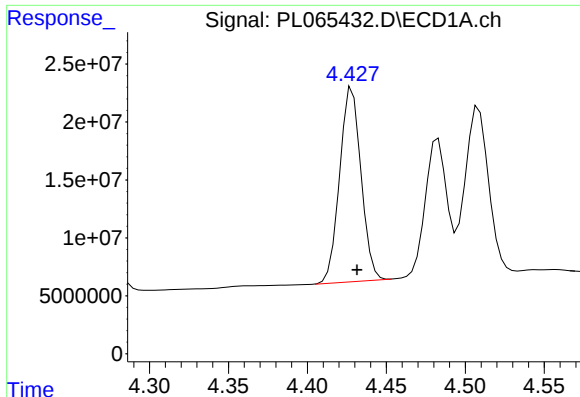
#6 beta-BHC

R.T.: 4.235 min
Delta R.T.: -0.002 min
Response: 61855375
Conc: 43.74 ng/ml



#6 beta-BHC

R.T.: 4.634 min
Delta R.T.: -0.003 min
Response: 63782270
Conc: 37.02 ng/ml



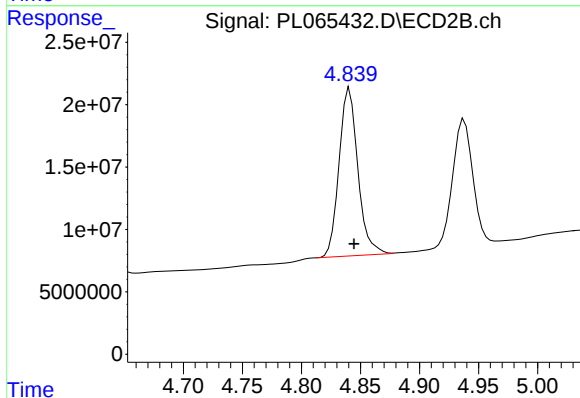
#7 delta-BHC

R.T.: 4.428 min
Delta R.T.: -0.003 min
Response: 158314224
Conc: 47.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

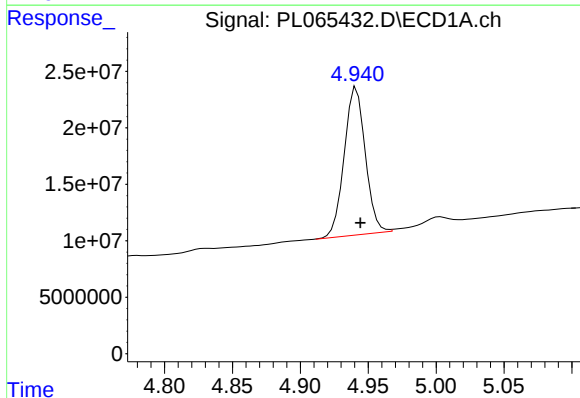
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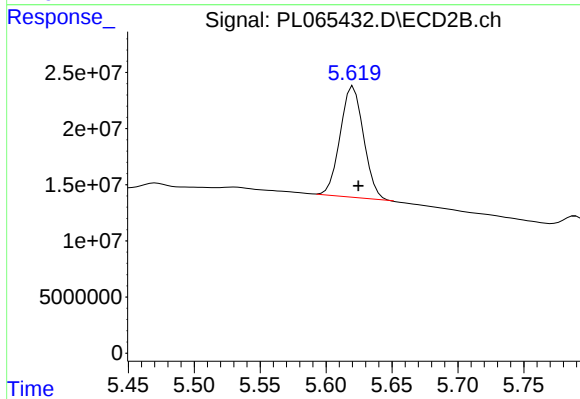
#7 delta-BHC

R.T.: 4.839 min
Delta R.T.: -0.005 min
Response: 149604421
Conc: 50.06 ng/ml m



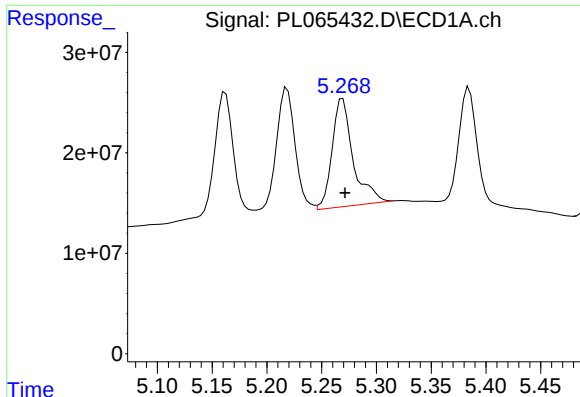
#8 Heptachlor epoxide

R.T.: 4.941 min
Delta R.T.: -0.003 min
Response: 141189363
Conc: 47.74 ng/ml



#8 Heptachlor epoxide

R.T.: 5.619 min
Delta R.T.: -0.005 min
Response: 122091051
Conc: 42.24 ng/ml m



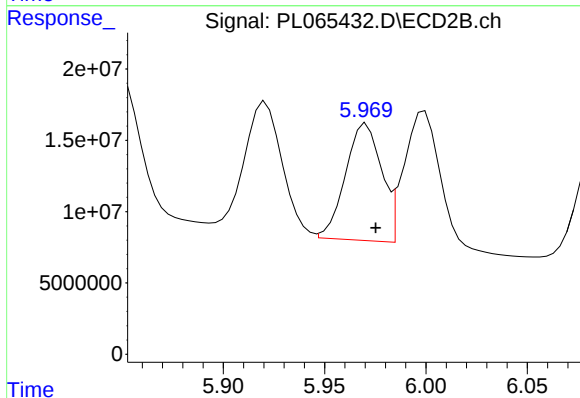
#9 Endosulfan I

R.T.: 5.269 min
Delta R.T.: -0.002 min
Response: 147837223
Conc: 54.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

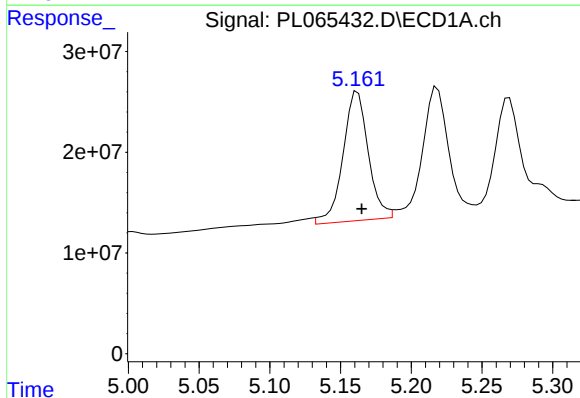
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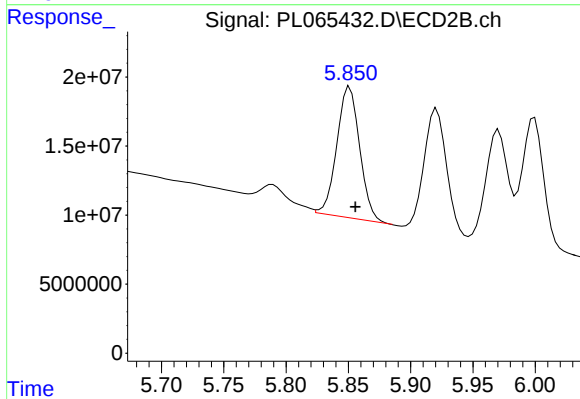
#9 Endosulfan I

R.T.: 5.971 min
Delta R.T.: -0.005 min
Response: 101502616
Conc: 38.55 ng/ml



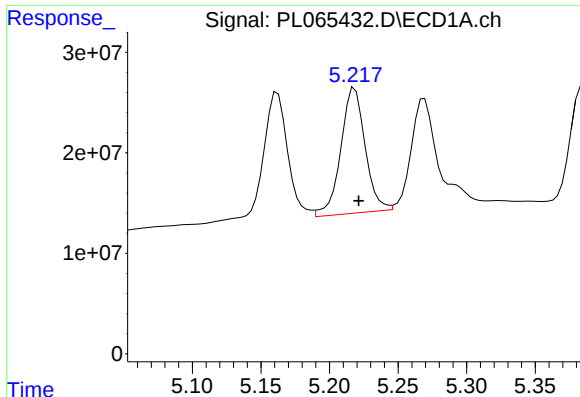
#10 gamma-Chlordane

R.T.: 5.161 min
Delta R.T.: -0.004 min
Response: 161329524
Conc: 54.64 ng/ml m



#10 gamma-Chlordane

R.T.: 5.850 min
Delta R.T.: -0.006 min
Response: 121044008
Conc: 43.38 ng/ml m



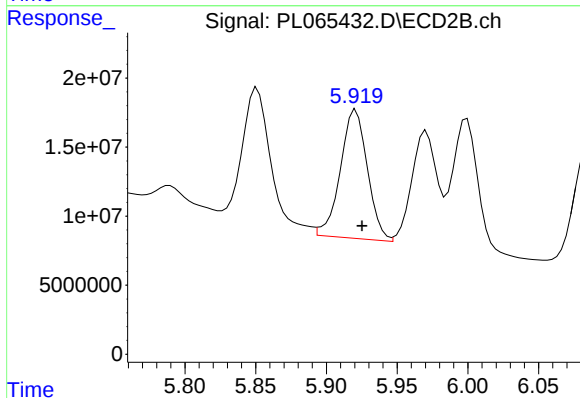
#11 alpha-Chlordane

R.T.: 5.218 min
Delta R.T.: -0.003 min
Response: 154125018
Conc: 52.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

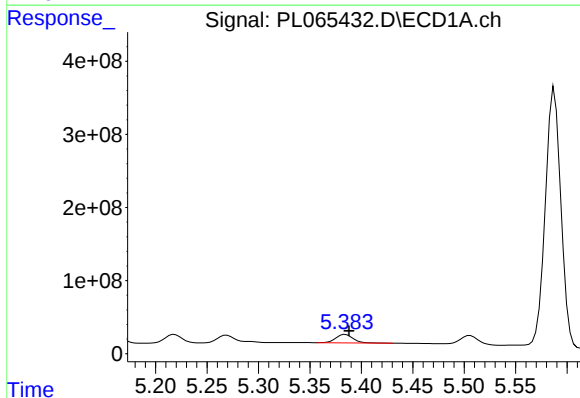
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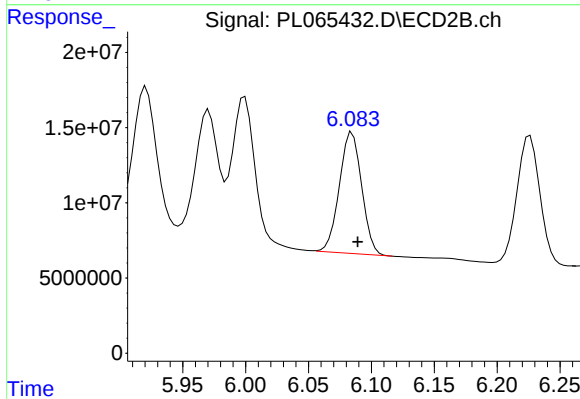
#11 alpha-Chlordane

R.T.: 5.921 min
Delta R.T.: -0.004 min
Response: 124497441
Conc: 44.86 ng/ml



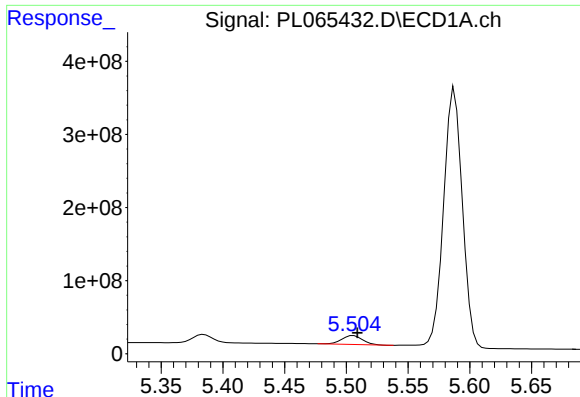
#12 4,4'-DDE

R.T.: 5.385 min
Delta R.T.: -0.003 min
Response: 132477201
Conc: 50.34 ng/ml



#12 4,4'-DDE

R.T.: 6.083 min
Delta R.T.: -0.006 min
Response: 99435510
Conc: 39.92 ng/ml m



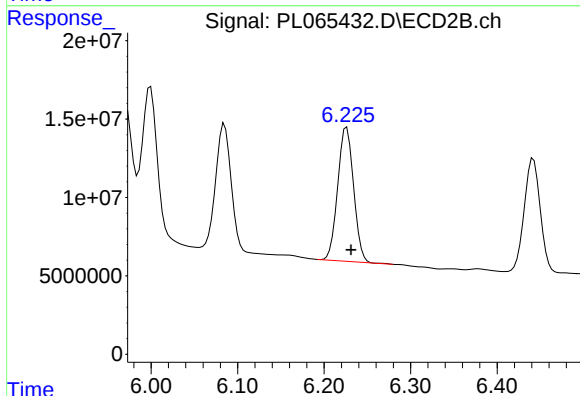
#13 Dieldrin

R.T.: 5.506 min
Delta R.T.: -0.003 min
Response: 143458540
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

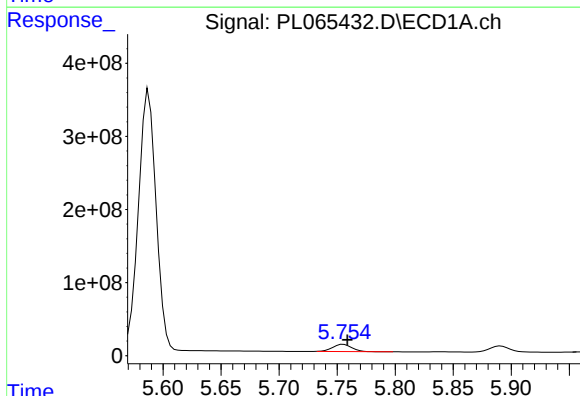
Manual Integrations
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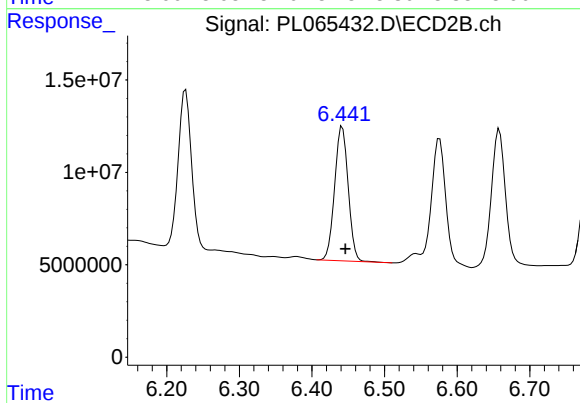
#13 Dieldrin

R.T.: 6.226 min
Delta R.T.: -0.005 min
Response: 108081216
Conc: 39.73 ng/ml



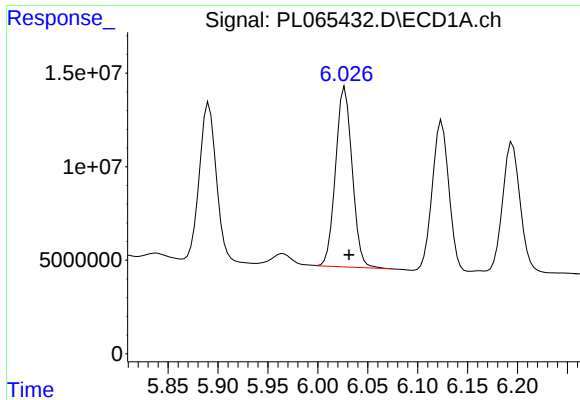
#14 Endrin

R.T.: 5.756 min
Delta R.T.: -0.003 min
Response: 111785622
Conc: 44.77 ng/ml



#14 Endrin

R.T.: 6.442 min
Delta R.T.: -0.004 min
Response: 94085572
Conc: 42.60 ng/ml



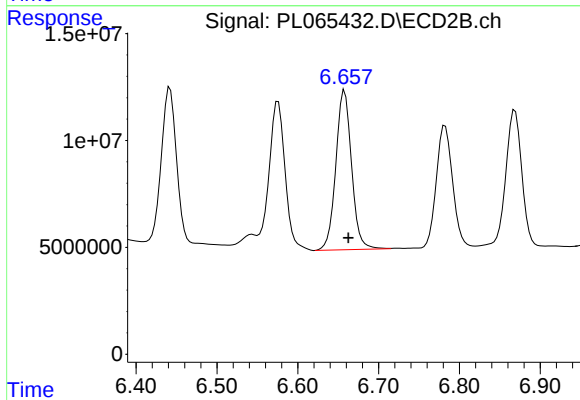
#15 Endosulfan II

R.T.: 6.027 min
Delta R.T.: -0.004 min
Response: 111004595
Conc: 45.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

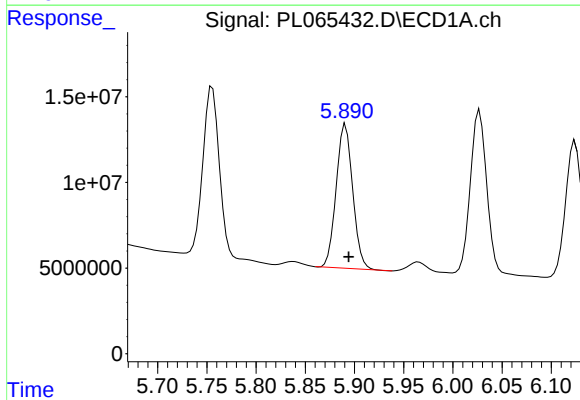
Manual Integrations
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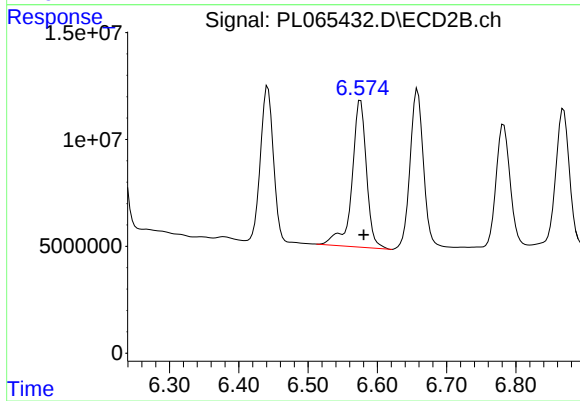
#15 Endosulfan II

R.T.: 6.658 min
Delta R.T.: -0.005 min
Response: 100827880
Conc: 44.67 ng/ml



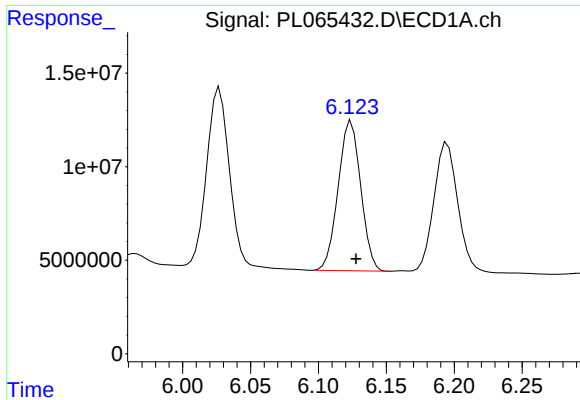
#16 4,4'-DDD

R.T.: 5.891 min
Delta R.T.: -0.003 min
Response: 98501826
Conc: 44.57 ng/ml



#16 4,4'-DDD

R.T.: 6.576 min
Delta R.T.: -0.004 min
Response: 100421589
Conc: 45.66 ng/ml



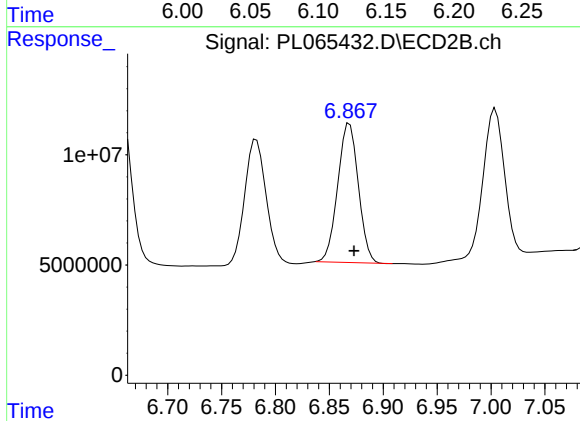
#17 4,4'-DDT

R.T.: 6.124 min
Delta R.T.: -0.003 min
Response: 92765148
Conc: 49.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

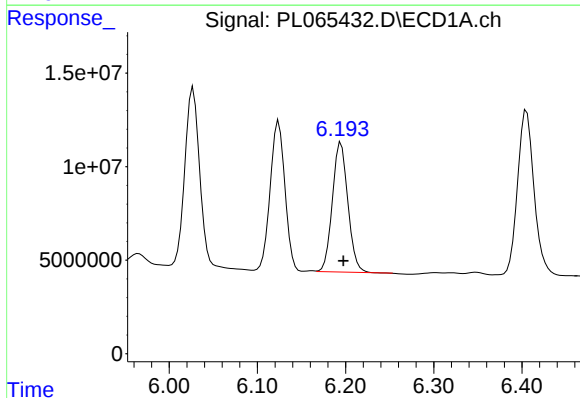
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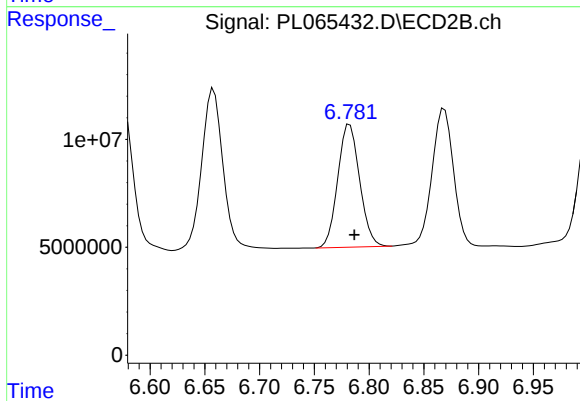
#17 4,4'-DDT

R.T.: 6.869 min
Delta R.T.: -0.004 min
Response: 84024236
Conc: 42.81 ng/ml



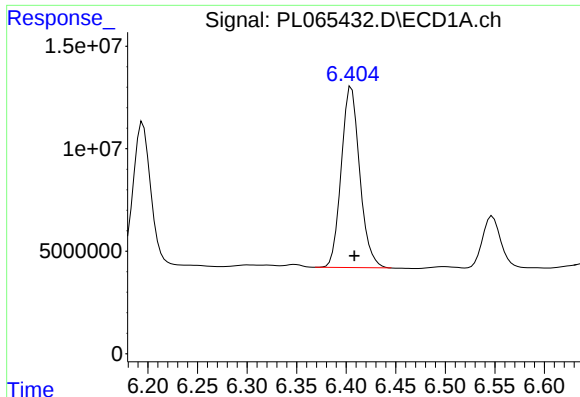
#18 Endrin aldehyde

R.T.: 6.195 min
Delta R.T.: -0.003 min
Response: 84680053
Conc: 44.10 ng/ml



#18 Endrin aldehyde

R.T.: 6.782 min
Delta R.T.: -0.004 min
Response: 79041722
Conc: 45.12 ng/ml



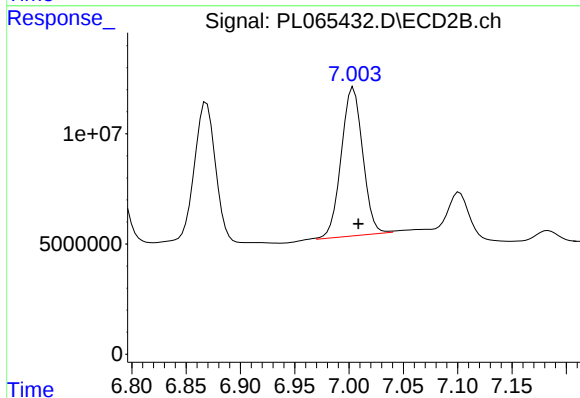
#19 Endosulfan Sulfate

R.T.: 6.405 min
Delta R.T.: -0.003 min
Response: 114347849
Conc: 46.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

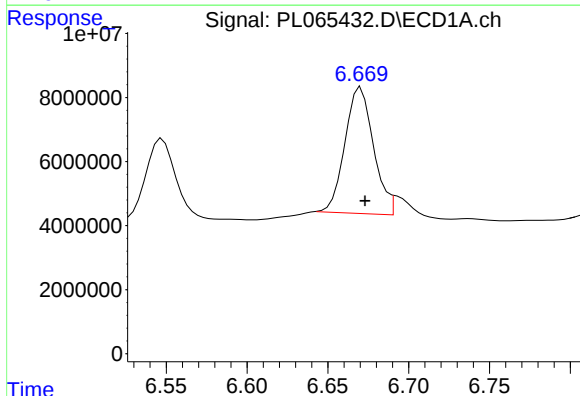
Manual Integrations
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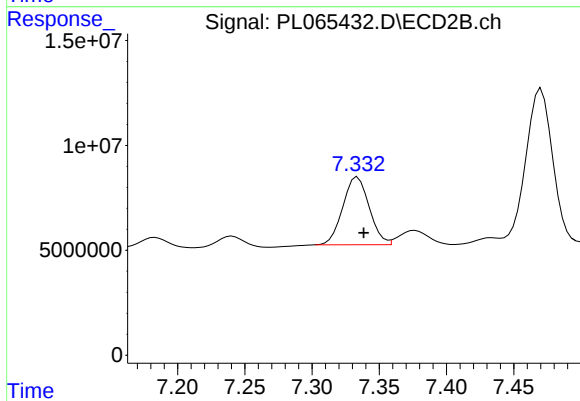
#19 Endosulfan Sulfate

R.T.: 7.003 min
Delta R.T.: -0.006 min
Response: 92820129
Conc: 42.31 ng/ml m



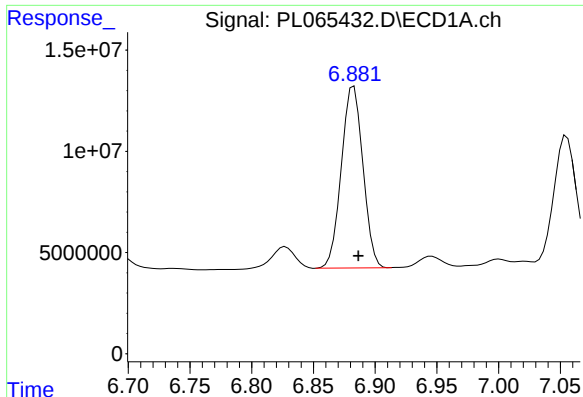
#20 Methoxychlor

R.T.: 6.669 min
Delta R.T.: -0.004 min
Response: 49166530
Conc: 42.88 ng/ml m



#20 Methoxychlor

R.T.: 7.334 min
Delta R.T.: -0.005 min
Response: 44049541
Conc: 42.18 ng/ml



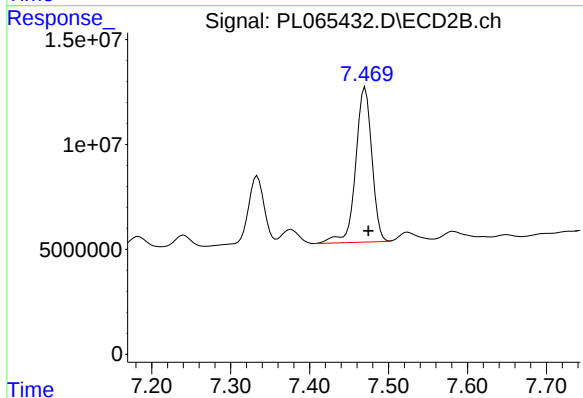
#21 Endrin ketone

R.T.: 6.883 min
Delta R.T.: -0.004 min
Response: 109310635
Conc: 40.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

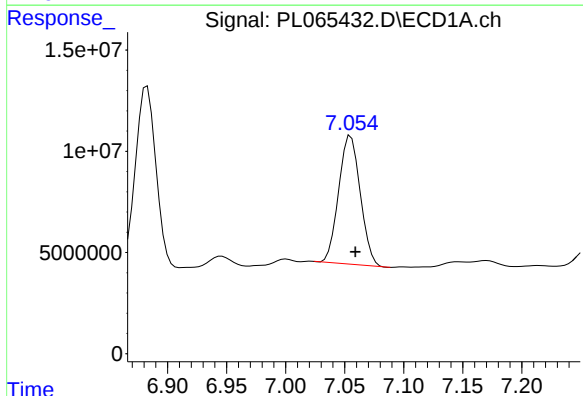
Manual Integrations
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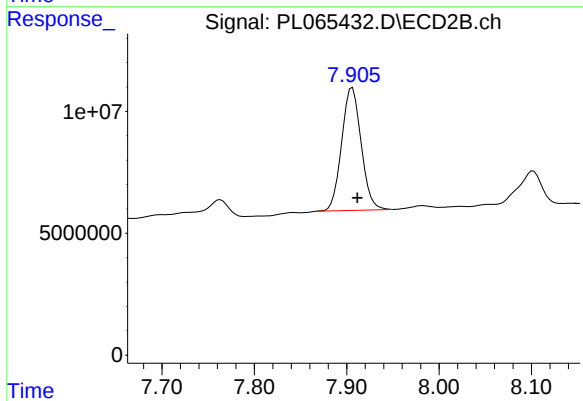
#21 Endrin ketone

R.T.: 7.470 min
Delta R.T.: -0.004 min
Response: 105392270
Conc: 44.67 ng/ml



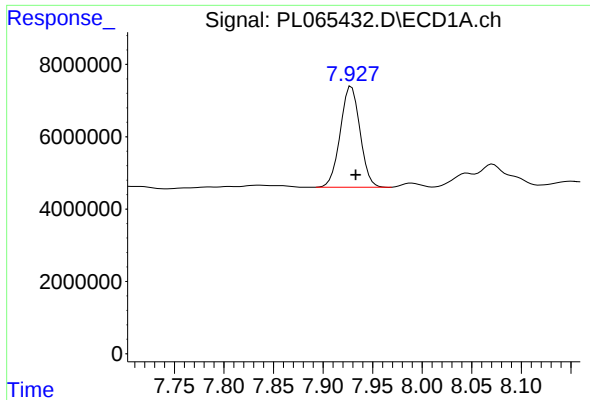
#22 Mirex

R.T.: 7.055 min
Delta R.T.: -0.004 min
Response: 80858168
Conc: 39.71 ng/ml



#22 Mirex

R.T.: 7.906 min
Delta R.T.: -0.005 min
Response: 74027614
Conc: 44.48 ng/ml



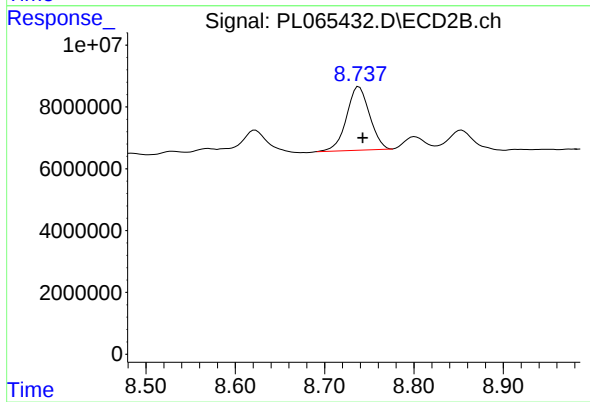
#28 Decachlorobiphenyl

R.T.: 7.929 min
Delta R.T.: -0.004 min
Response: 38630594
Conc: 15.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
SP-MANHOLEMSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 8.739 min
Delta R.T.: -0.004 min
Response: 36839321
Conc: 18.59 ng/ml