

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL062218\
 Data File : PL037330.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Jun 2018 20:47
 Operator : UA\AJ
 Sample : J3602-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 EPE-F-8(5-10)MSD

Manual Integrations
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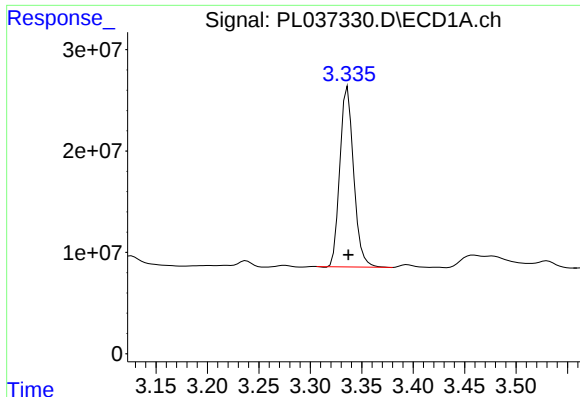
Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 23 00:23:05 2018
 Quant Method : Z:\PESTPCBSRV\HPCHEM1\ECD_L\methods\PL062018.M
 Quant Title : GC Extractables
 QLast Update : Thu Jun 21 02:27:11 2018
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 2 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.336	3.937	165.8E6	61214708	20.961	22.125
28)	SA Decachlor...	8.018	8.949	106.2E6	41215685	17.600	20.775
Target Compounds							
2)	A alpha-BHC	3.767	4.315	618.4E6	217.8E6	50.507	56.139m
3)	MA gamma-BHC...	4.044	4.596	541.5E6	189.2E6	52.498	54.782
4)	MA Heptachlor	4.330	5.107	526.3E6	181.4E6	51.371	52.486
5)	MB Aldrin	4.569	5.410	433.0E6	161.1E6	42.536	51.354
6)	B beta-BHC	4.298	4.756	230.5E6	77783149	50.541	48.232
7)	B delta-BHC	4.493	4.971	534.1E6	162.9E6	50.490	57.754
8)	B Heptachlo...	5.008	5.790	447.6E6	135.8E6	47.788	47.638
9)	A Endosulfan I	5.340	6.142	390.2E6	129.0E6	46.121	50.304
10)	B gamma-Chl...	5.231	6.020	445.6E6	143.2E6	47.574	50.851m
11)	B alpha-Chl...	5.288	6.096	423.2E6	145.9E6	46.606	50.694
12)	B 4,4'-DDE	5.457	6.251	417.9E6	122.4E6	47.311	48.081
13)	MA Dieldrin	5.580	6.396	425.2E6	131.2E6	48.028	49.158
14)	MA Endrin	5.834	6.610	371.4E6	110.7E6	47.149	48.136
15)	B Endosulfa...	6.108	6.813	339.0E6	113.7E6	46.101	45.858
16)	A 4,4'-DDD	5.969	6.732	293.6E6	97701839	44.701	47.597
17)	MA 4,4'-DDT	6.204	7.032	293.7E6	96021465	45.496	45.332
18)	B Endrin al...	6.277	6.935	248.3E6	91377701	44.461	45.410
19)	B Endosulfa...	6.488	7.158	297.7E6	102.1E6	44.506	46.890
20)	A Methoxychlor	6.753	7.487	142.3E6	54370331	41.857	48.573
21)	B Endrin ke...	6.972	7.622	315.6E6	107.0E6	44.381	52.715

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



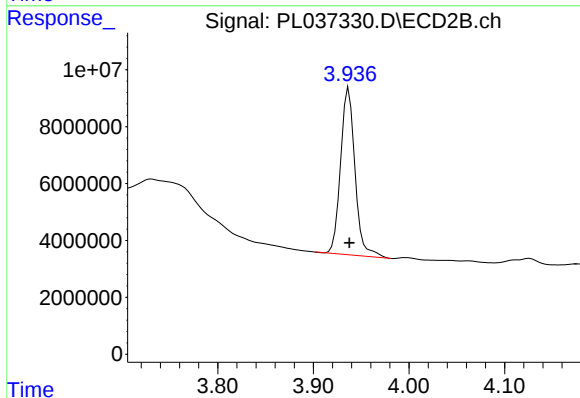
#1 Tetrachloro-m-xylene

R.T.: 3.336 min
Delta R.T.: 0.000 min
Response: 165805475
Conc: 20.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

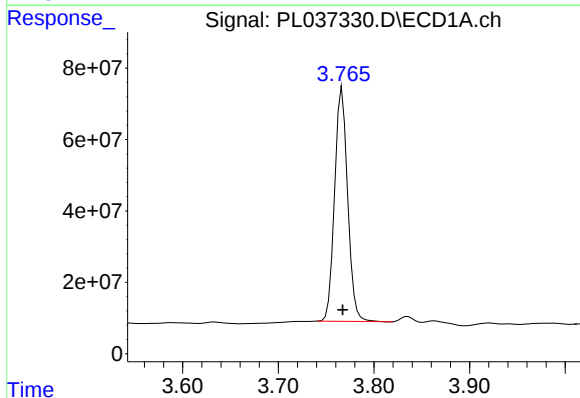
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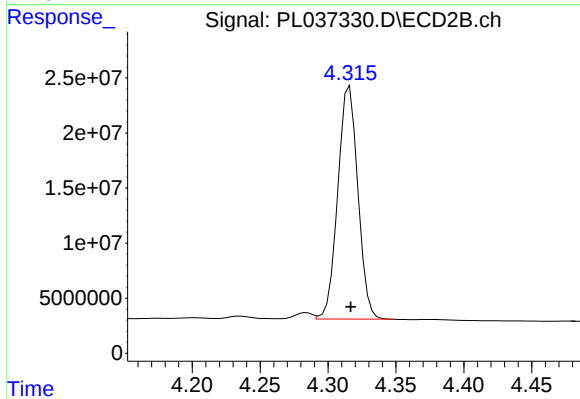
#1 Tetrachloro-m-xylene

R.T.: 3.937 min
Delta R.T.: 0.000 min
Response: 61214708
Conc: 22.13 ng/ml



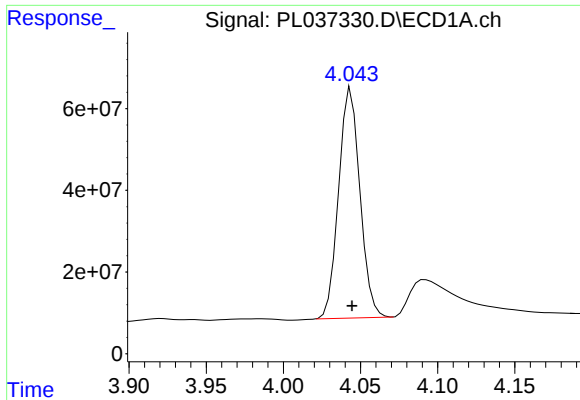
#2 alpha-BHC

R.T.: 3.767 min
Delta R.T.: 0.000 min
Response: 618354213
Conc: 50.51 ng/ml



#2 alpha-BHC

R.T.: 4.315 min
Delta R.T.: -0.002 min
Response: 217833504
Conc: 56.14 ng/ml m



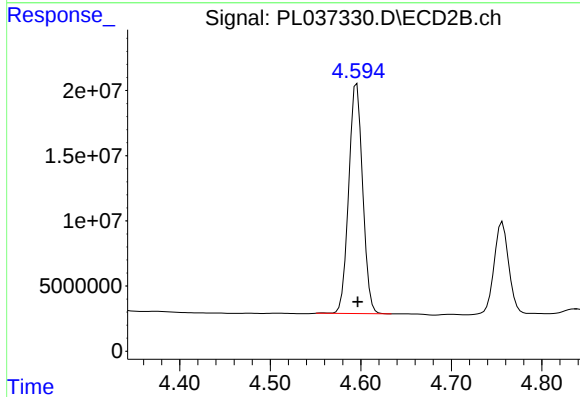
#3 gamma-BHC (Lindane)

R.T.: 4.044 min
Delta R.T.: 0.000 min
Response: 541499255
Conc: 52.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

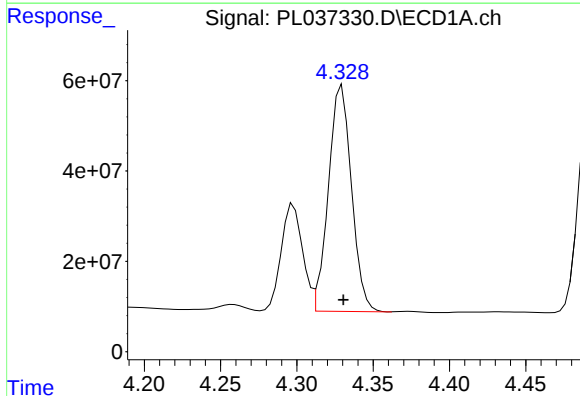
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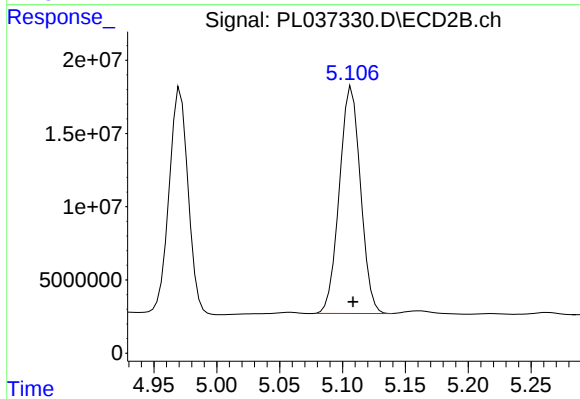
#3 gamma-BHC (Lindane)

R.T.: 4.596 min
Delta R.T.: -0.001 min
Response: 189200403
Conc: 54.78 ng/ml



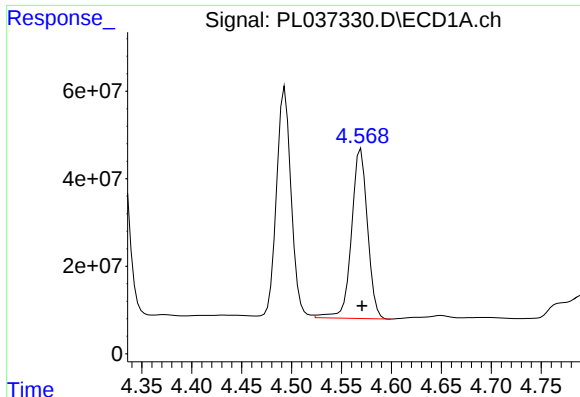
#4 Heptachlor

R.T.: 4.330 min
Delta R.T.: 0.000 min
Response: 526306595
Conc: 51.37 ng/ml



#4 Heptachlor

R.T.: 5.107 min
Delta R.T.: -0.001 min
Response: 181413166
Conc: 52.49 ng/ml



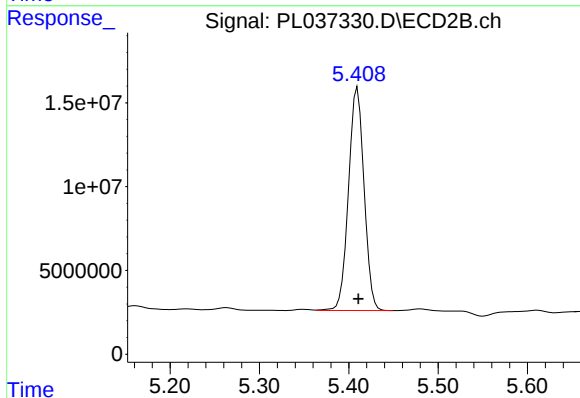
#5 Aldrin

R.T.: 4.569 min
Delta R.T.: -0.001 min
Response: 432959221
Conc: 42.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

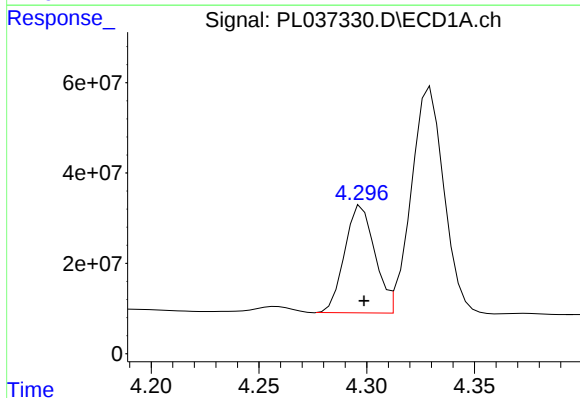
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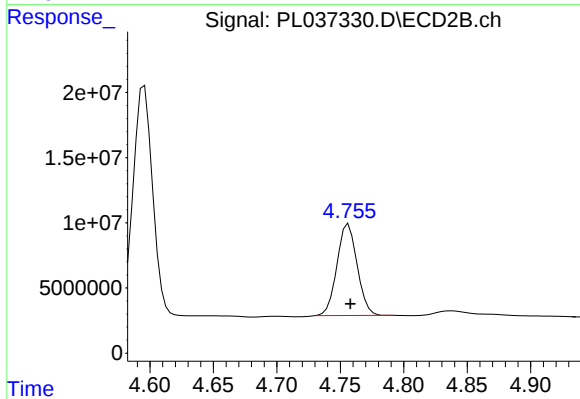
#5 Aldrin

R.T.: 5.410 min
Delta R.T.: -0.001 min
Response: 161108012
Conc: 51.35 ng/ml



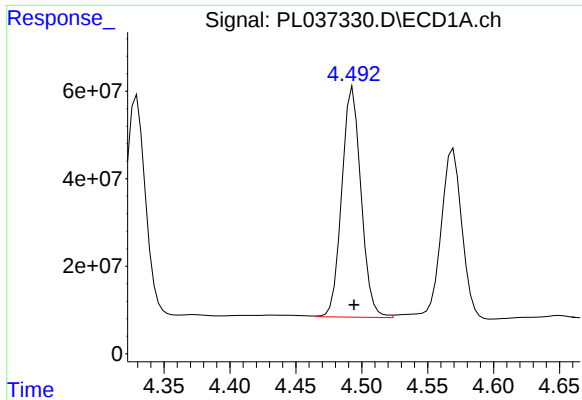
#6 beta-BHC

R.T.: 4.298 min
Delta R.T.: -0.001 min
Response: 230512236
Conc: 50.54 ng/ml



#6 beta-BHC

R.T.: 4.756 min
Delta R.T.: -0.001 min
Response: 77783149
Conc: 48.23 ng/ml



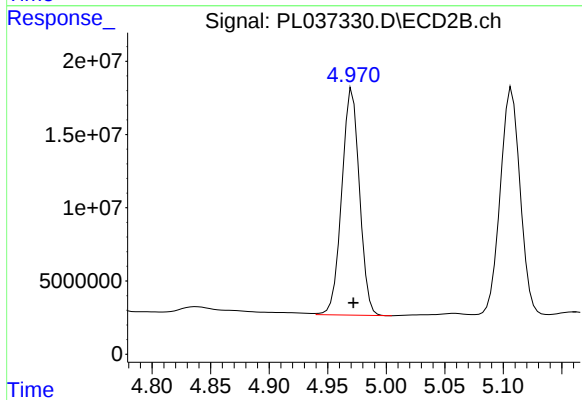
#7 delta-BHC

R.T.: 4.493 min
Delta R.T.: 0.000 min
Response: 534134726
Conc: 50.49 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

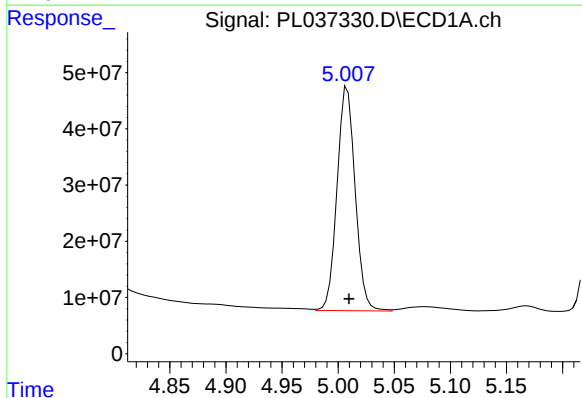
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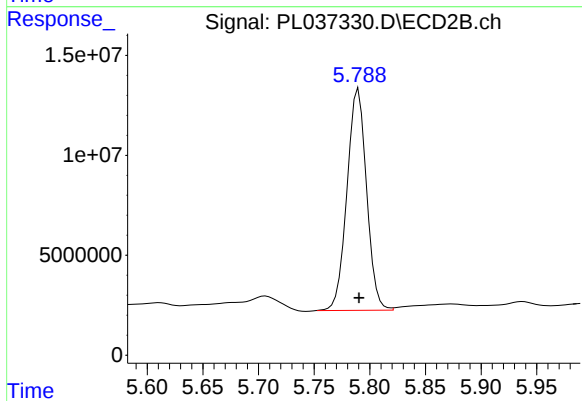
#7 delta-BHC

R.T.: 4.971 min
Delta R.T.: 0.000 min
Response: 162881399
Conc: 57.75 ng/ml



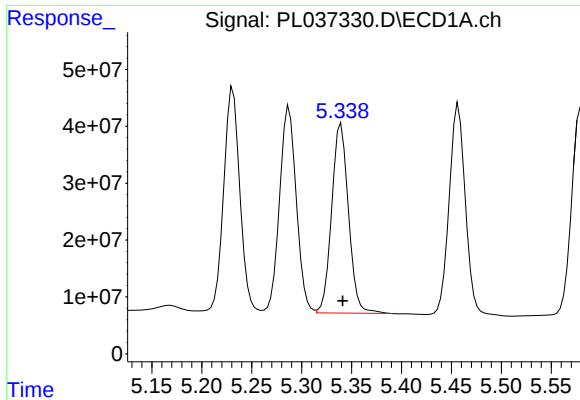
#8 Heptachlor epoxide

R.T.: 5.008 min
Delta R.T.: -0.001 min
Response: 447631291
Conc: 47.79 ng/ml



#8 Heptachlor epoxide

R.T.: 5.790 min
Delta R.T.: 0.000 min
Response: 135801091
Conc: 47.64 ng/ml



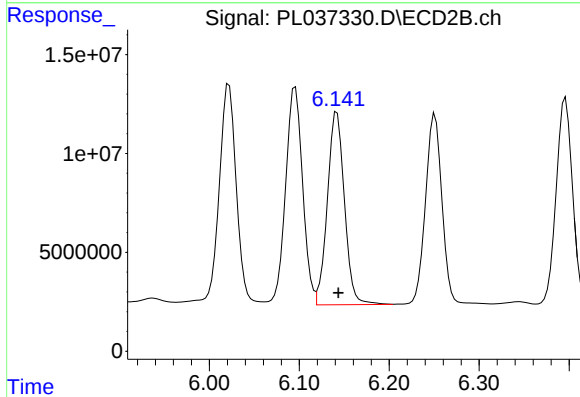
#9 Endosulfan I

R.T.: 5.340 min
Delta R.T.: -0.002 min
Response: 390224034
Conc: 46.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

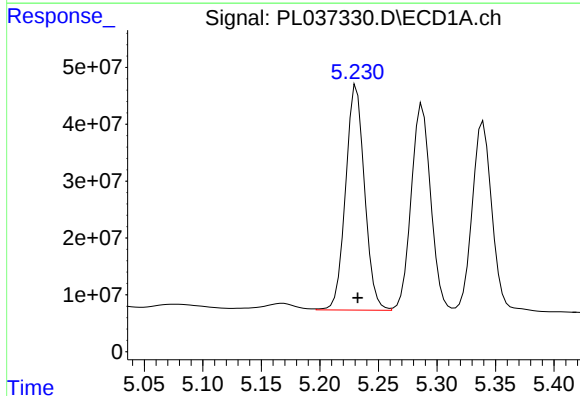
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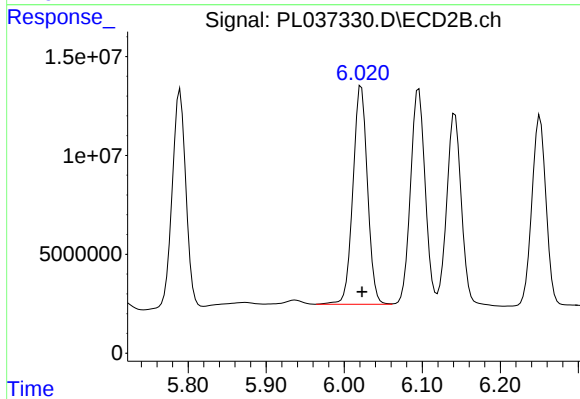
#9 Endosulfan I

R.T.: 6.142 min
Delta R.T.: -0.002 min
Response: 129020354
Conc: 50.30 ng/ml



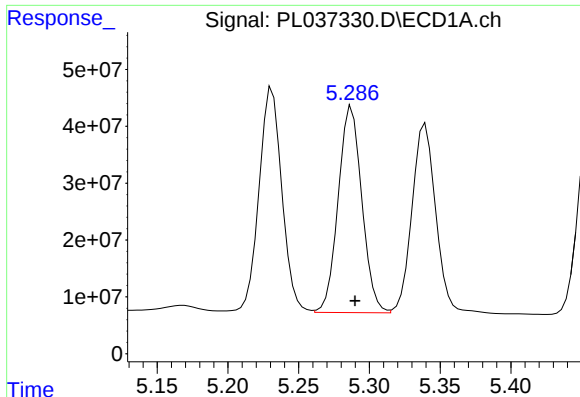
#10 gamma-Chlordane

R.T.: 5.231 min
Delta R.T.: -0.001 min
Response: 445591061
Conc: 47.57 ng/ml



#10 gamma-Chlordane

R.T.: 6.020 min
Delta R.T.: -0.003 min
Response: 143216241
Conc: 50.85 ng/ml m



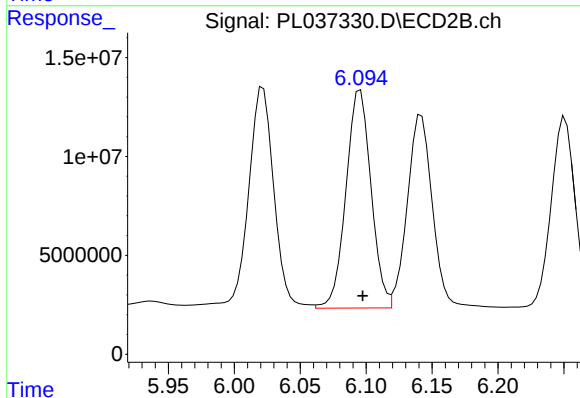
#11 alpha-Chlordane

R.T.: 5.288 min
Delta R.T.: -0.002 min
Response: 423245708
Conc: 46.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

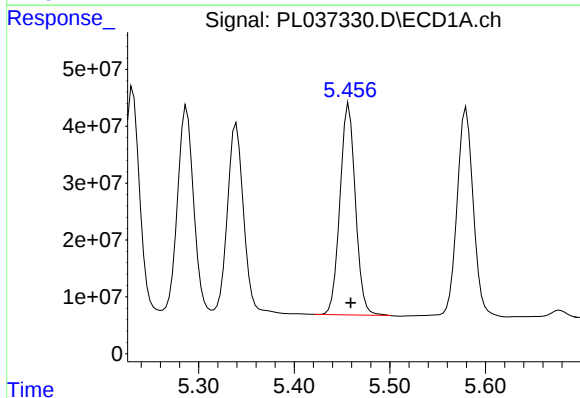
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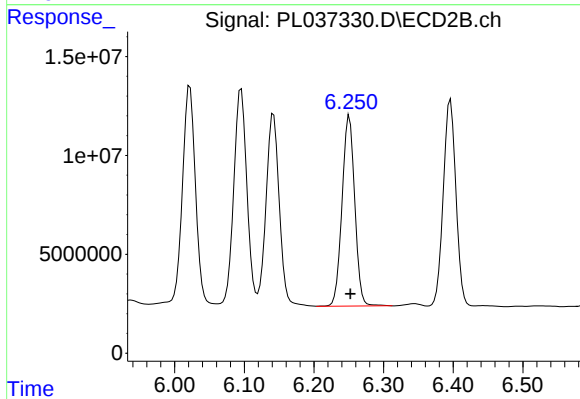
#11 alpha-Chlordane

R.T.: 6.096 min
Delta R.T.: -0.002 min
Response: 145911873
Conc: 50.69 ng/ml



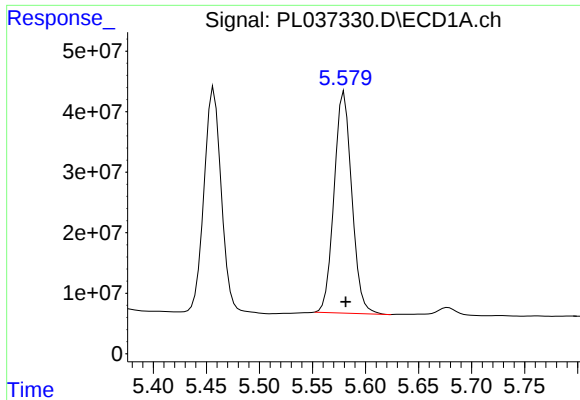
#12 4,4'-DDE

R.T.: 5.457 min
Delta R.T.: -0.002 min
Response: 417874272
Conc: 47.31 ng/ml



#12 4,4'-DDE

R.T.: 6.251 min
Delta R.T.: -0.002 min
Response: 122350143
Conc: 48.08 ng/ml



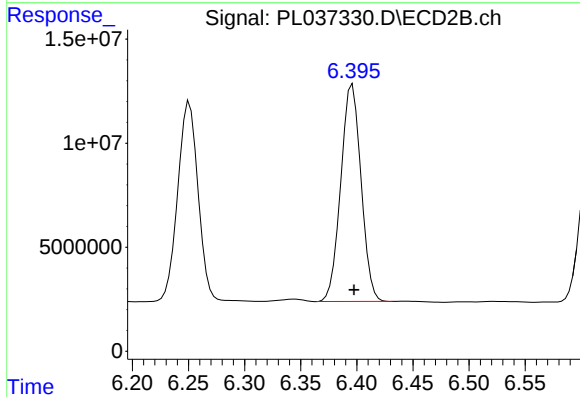
#13 Dieldrin

R.T.: 5.580 min
Delta R.T.: -0.001 min
Response: 425199465
Conc: 48.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

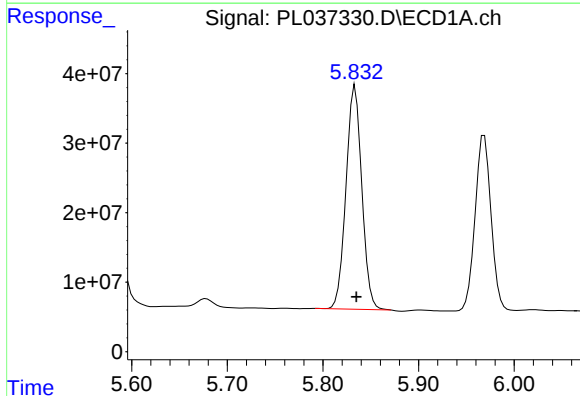
Manual Integrations
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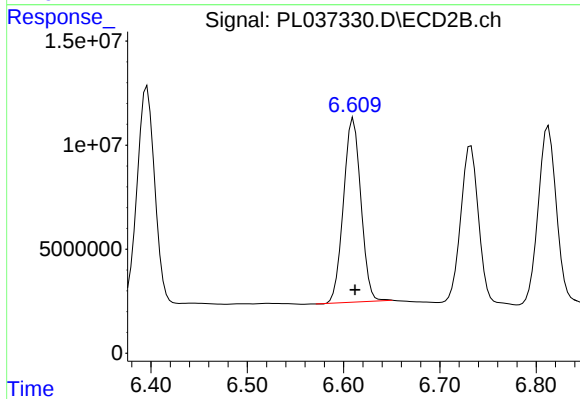
#13 Dieldrin

R.T.: 6.396 min
Delta R.T.: -0.001 min
Response: 131214458
Conc: 49.16 ng/ml



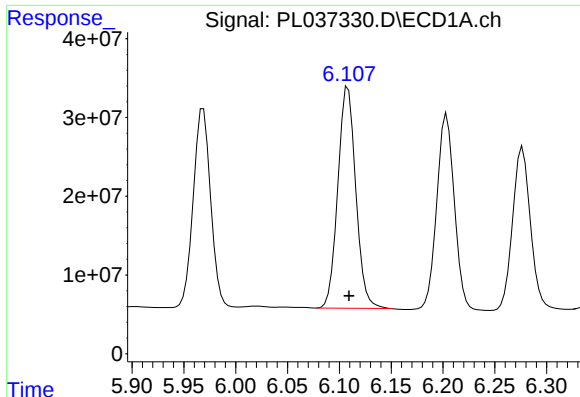
#14 Endrin

R.T.: 5.834 min
Delta R.T.: -0.001 min
Response: 371422419
Conc: 47.15 ng/ml



#14 Endrin

R.T.: 6.610 min
Delta R.T.: -0.002 min
Response: 110676714
Conc: 48.14 ng/ml



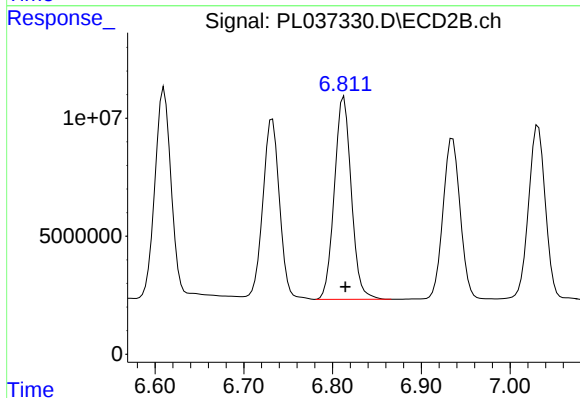
#15 Endosulfan II

R.T.: 6.108 min
Delta R.T.: -0.001 min
Response: 33900040
Conc: 46.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

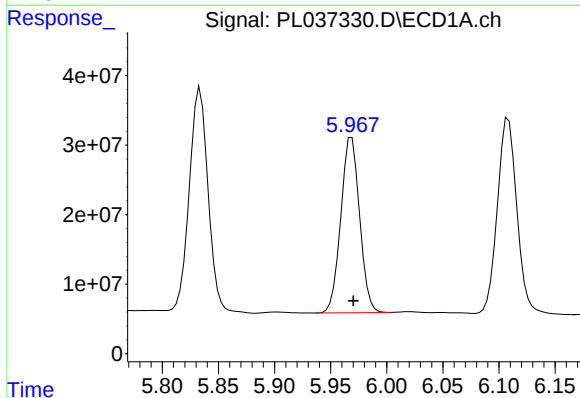
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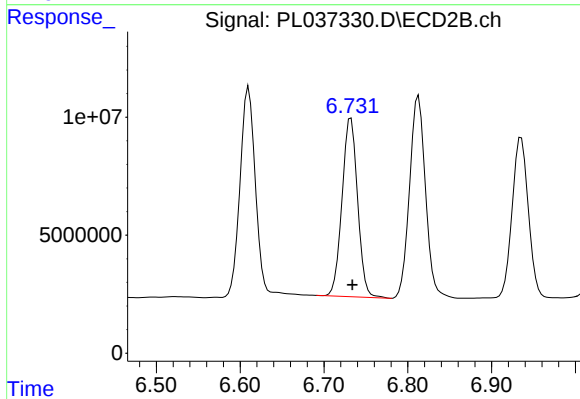
#15 Endosulfan II

R.T.: 6.813 min
Delta R.T.: -0.002 min
Response: 113730421
Conc: 45.86 ng/ml



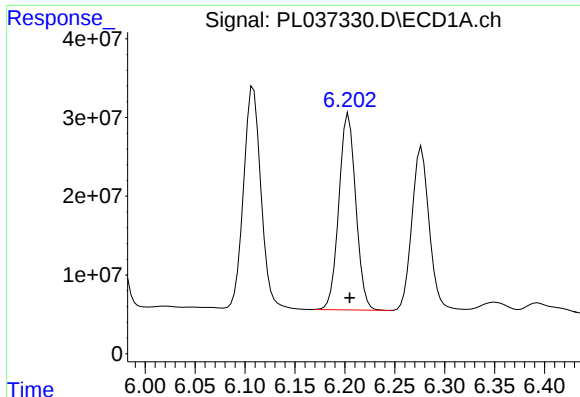
#16 4,4'-DDD

R.T.: 5.969 min
Delta R.T.: -0.001 min
Response: 293558848
Conc: 44.70 ng/ml



#16 4,4'-DDD

R.T.: 6.732 min
Delta R.T.: -0.002 min
Response: 97701839
Conc: 47.60 ng/ml



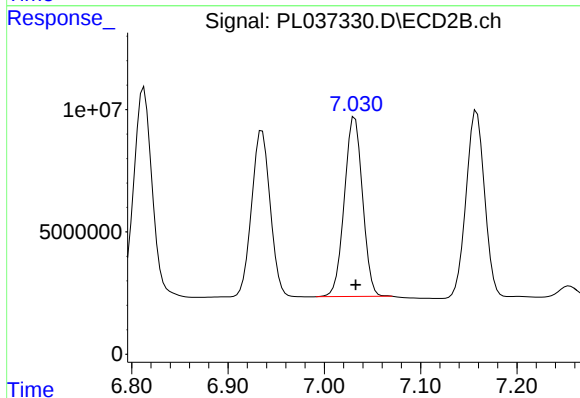
#17 4,4'-DDT

R.T.: 6.204 min
Delta R.T.: -0.001 min
Response: 293740287
Conc: 45.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

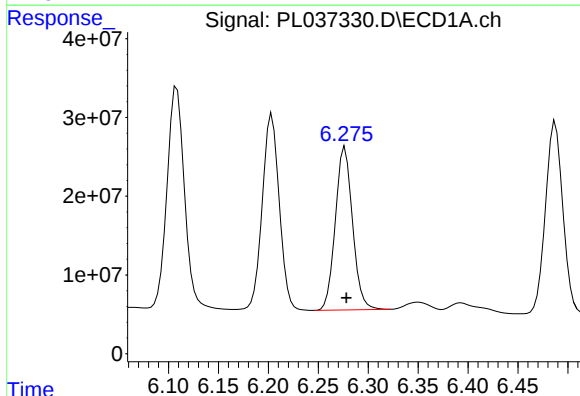
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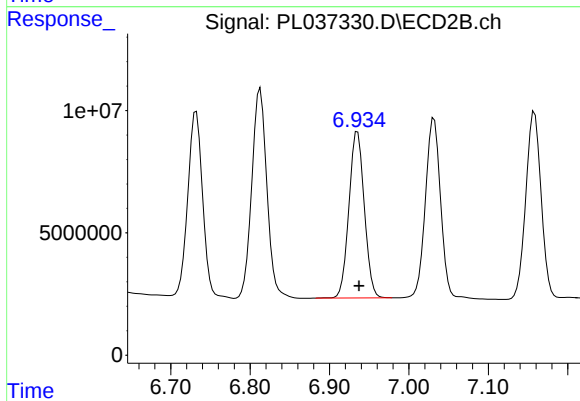
#17 4,4'-DDT

R.T.: 7.032 min
Delta R.T.: 0.000 min
Response: 96021465
Conc: 45.33 ng/ml



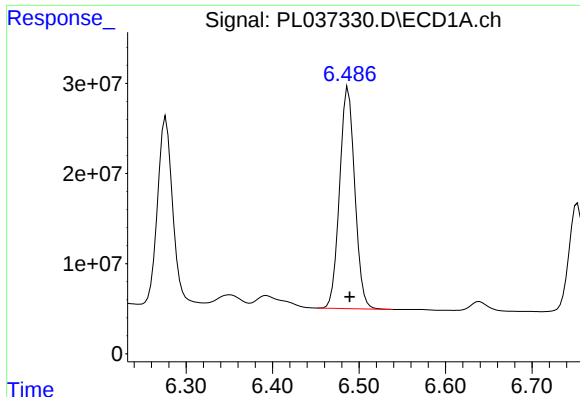
#18 Endrin aldehyde

R.T.: 6.277 min
Delta R.T.: -0.002 min
Response: 248290888
Conc: 44.46 ng/ml



#18 Endrin aldehyde

R.T.: 6.935 min
Delta R.T.: -0.002 min
Response: 91377701
Conc: 45.41 ng/ml



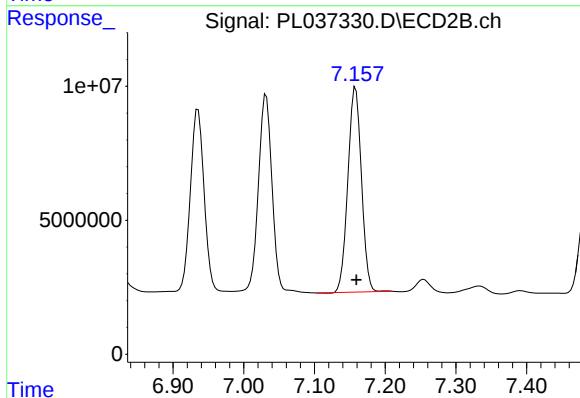
#19 Endosulfan Sulfate

R.T.: 6.488 min
Delta R.T.: -0.002 min
Response: 297746797
Conc: 44.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

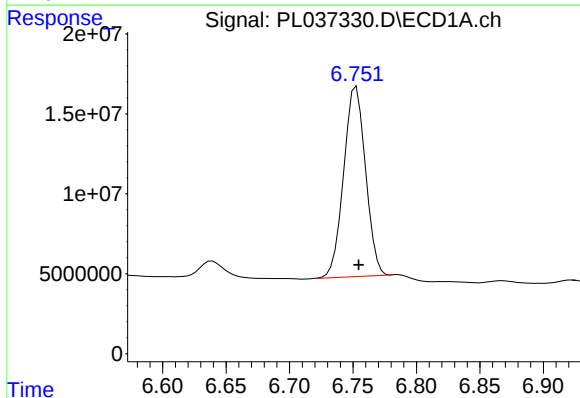
Manual Integrations
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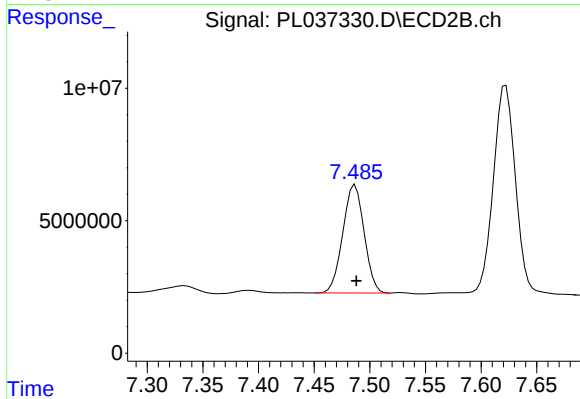
#19 Endosulfan Sulfate

R.T.: 7.158 min
Delta R.T.: -0.001 min
Response: 102054078
Conc: 46.89 ng/ml



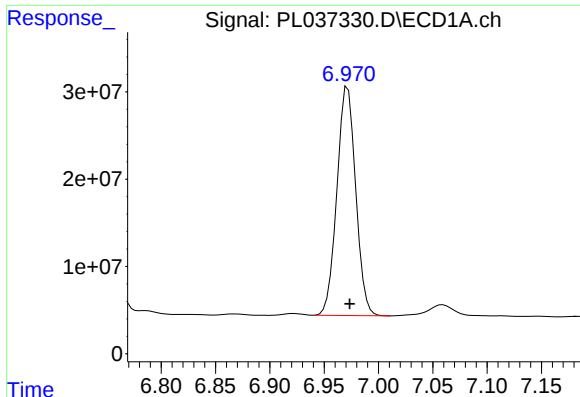
#20 Methoxychlor

R.T.: 6.753 min
Delta R.T.: -0.002 min
Response: 142272589
Conc: 41.86 ng/ml



#20 Methoxychlor

R.T.: 7.487 min
Delta R.T.: -0.001 min
Response: 54370331
Conc: 48.57 ng/ml



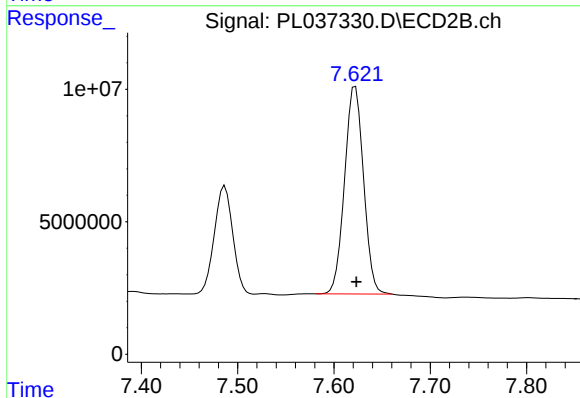
#21 Endrin ketone

R.T.: 6.972 min
Delta R.T.: -0.002 min
Response: 315620156
Conc: 44.38 ng/ml

Instrument :
ECD_L
ClientSampleId :
EPE-F-8(5-10)MSD

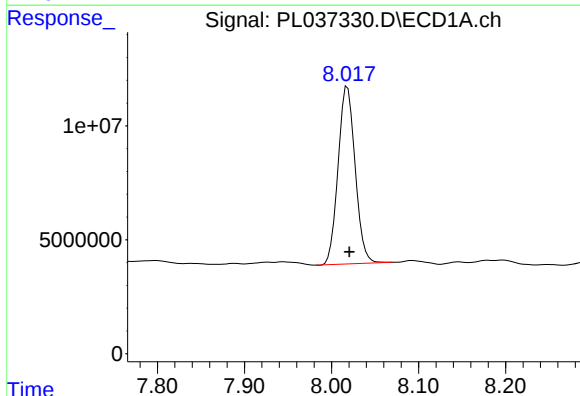
Manual Integrations
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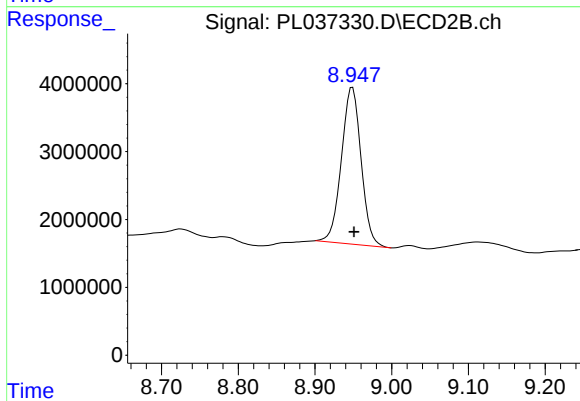
#21 Endrin ketone

R.T.: 7.622 min
Delta R.T.: -0.001 min
Response: 106993866
Conc: 52.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.018 min
Delta R.T.: -0.002 min
Response: 106201451
Conc: 17.60 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.949 min
Delta R.T.: -0.002 min
Response: 41215685
Conc: 20.77 ng/ml