

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
 Data File : PL051435.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Aug 2019 21:56
 Operator : SM\AJ
 Sample : K4309-01MSD
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 S-22MSD

Manual Integrations
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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 14 00:48:11 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
 Quant Title : GC Extractables
 QLast Update : Fri Jul 19 01:19:13 2019
 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...	3.316	3.928	230.5E6	64041024	22.942	22.445
28)	SA Decachlor...	7.976	8.956	187.6E6	52427925	18.525	18.539
Target Compounds							
2)	A alpha-BHC	3.743	4.316	955.5E6	233.9E6	57.019	56.681
3)	MA gamma-BHC...	4.019	4.599	887.4E6	220.0E6	57.694	56.812
4)	MA Heptachlor	4.302	5.100	930.9E6	225.8E6	56.735	54.445
5)	MB Aldrin	4.540	5.402	882.4E6	212.2E6	56.962	56.324
6)	B beta-BHC	4.273	4.775	371.9E6	99306756	56.725	57.441
7)	B delta-BHC	4.466	4.989	767.7E6	165.5E6	46.786	42.781
8)	B Heptachlo...	4.977	5.789	798.1E6	195.0E6	54.023	50.977
9)	A Endosulfan I	5.307	6.144	749.2E6	187.9E6	51.511	54.648
10)	B gamma-Chl...	5.199	6.022	815.5E6	197.7E6	51.666	53.508
11)	B alpha-Chl...	5.255	6.094	782.2E6	199.7E6	51.273	54.478
12)	B 4,4'-DDE	5.422	6.254	769.8E6	195.4E6	51.368	54.231
13)	MA Dieldrin	5.545	6.399	809.7E6	194.7E6	52.252	54.984
14)	MA Endrin	5.798	6.617	756.7E6	165.1E6	51.407	53.230
15)	B Endosulfa...	6.073	6.829	683.5E6	171.3E6	48.841	53.897
16)	A 4,4'-DDD	5.932	6.745	618.6E6	148.4E6	51.623	55.747
17)	MA 4,4'-DDT	6.166	7.042	618.2E6	146.9E6	49.914	54.400
18)	B Endrin al...	6.239	6.952	541.0E6	136.8E6	46.891	50.332m
19)	B Endosulfa...	6.451	7.176	653.9E6	162.0E6	51.329	56.082
20)	A Methoxychlor	6.710	7.503	309.9E6	82837642	49.671	56.457
21)	B Endrin ke...	6.932	7.644	686.9E6	173.3E6	50.222	59.946
22)	Mirex	7.105	8.093	449.1E6	116.9E6	45.807	50.913

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL081319\
Data File : PL051435.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Aug 2019 21:56
Operator : SM\AJ
Sample : K4309-01MSD
Misc :
ALS Vial : 46 Sample Multiplier: 1

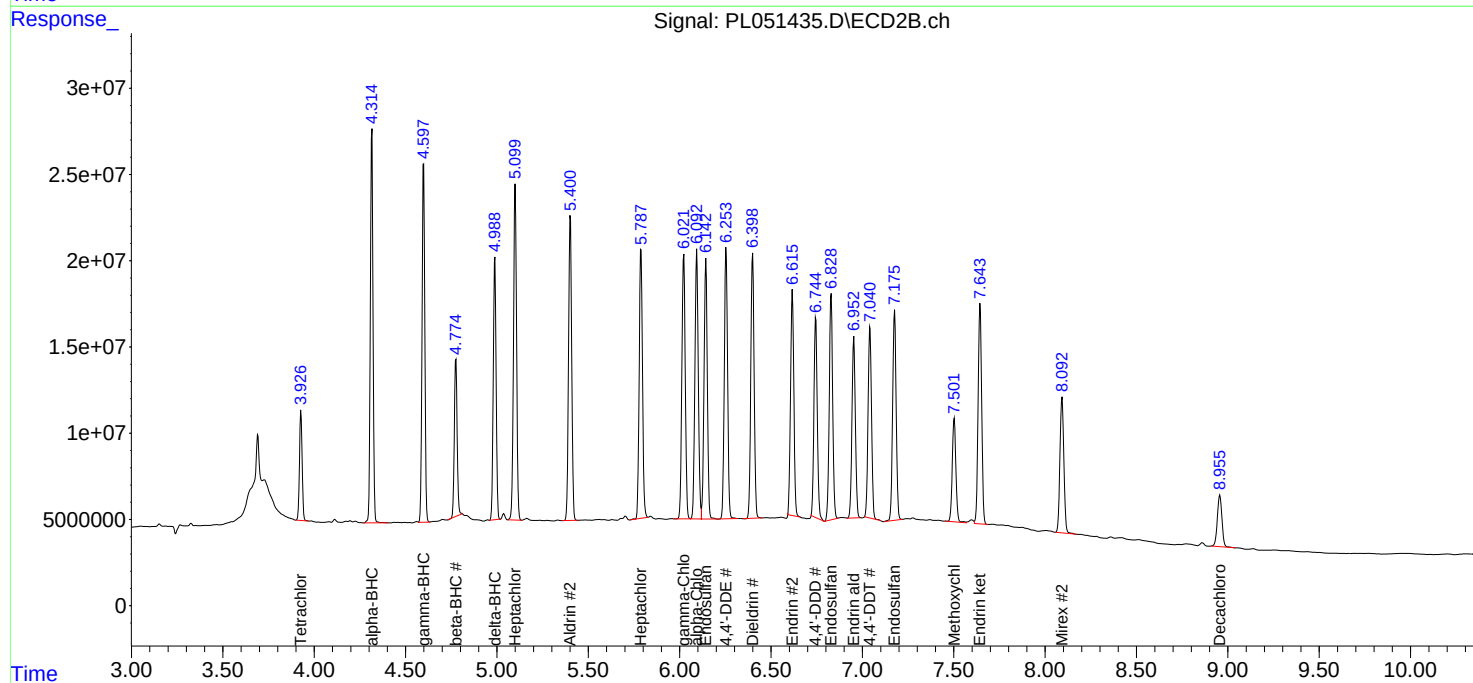
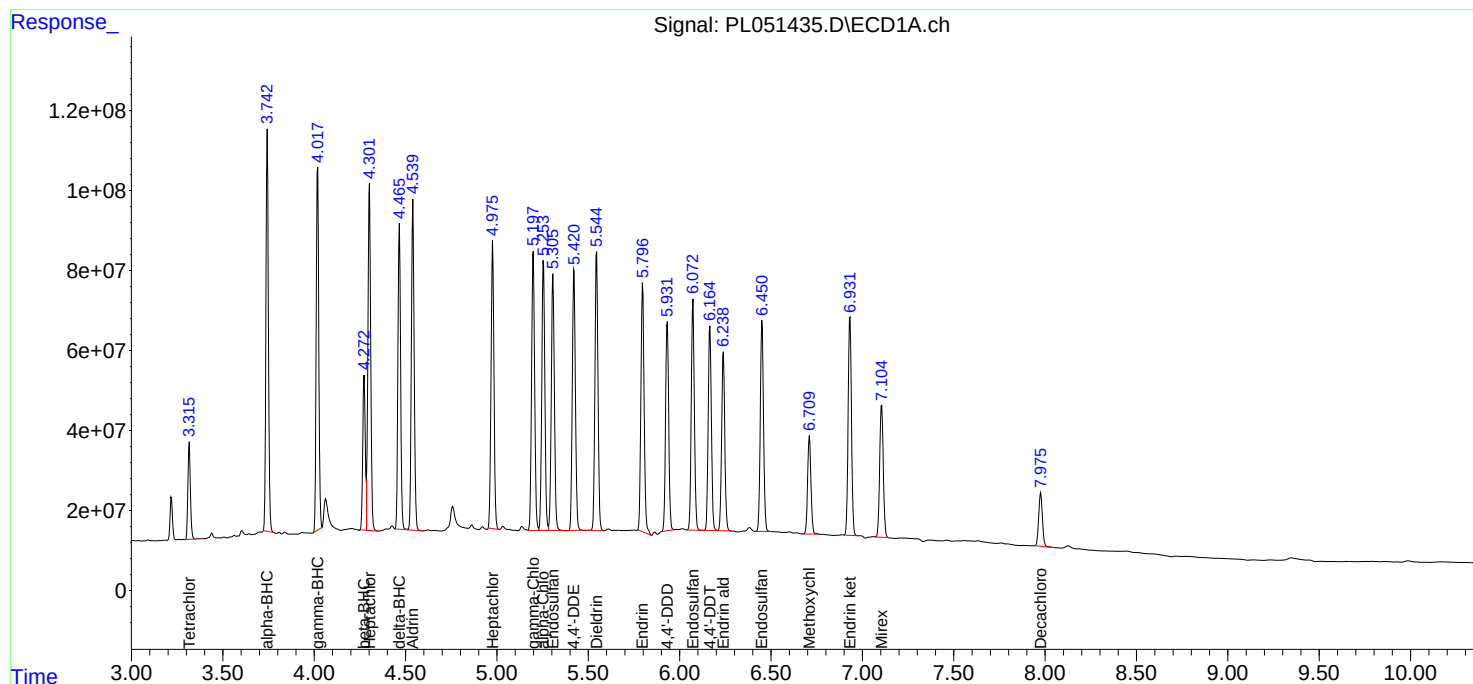
Instrument :
ECD_L
ClientSampled :
S-22MSD

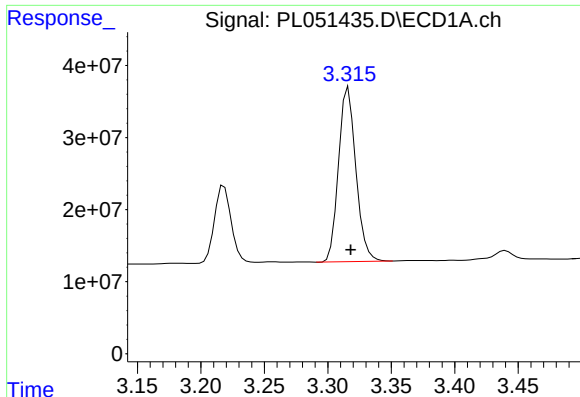
Manual Integrations
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Aug 14 00:48:11 2019
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071719.M
Quant Title : GC Extractables
QLast Update : Fri Jul 19 01:19:13 2019
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





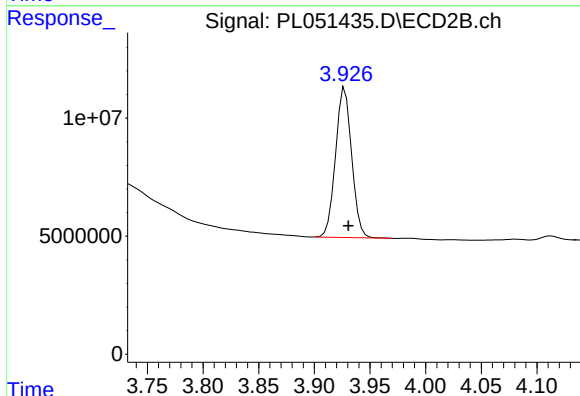
#1 Tetrachloro-m-xylene

R.T.: 3.316 min
Delta R.T.: -0.002 min
Response: 230515968
Conc: 22.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

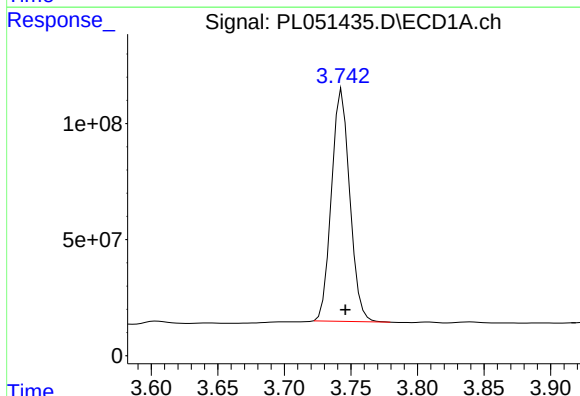
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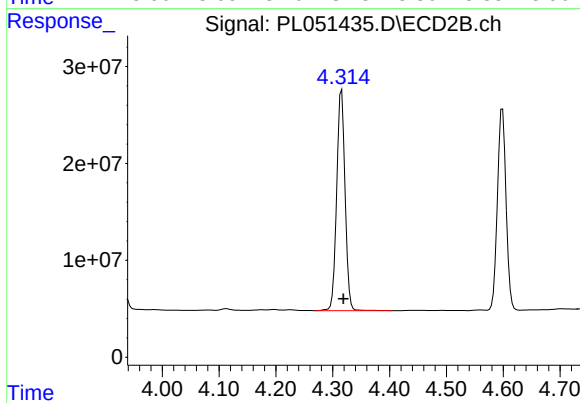
#1 Tetrachloro-m-xylene

R.T.: 3.928 min
Delta R.T.: -0.003 min
Response: 64041024
Conc: 22.45 ng/ml



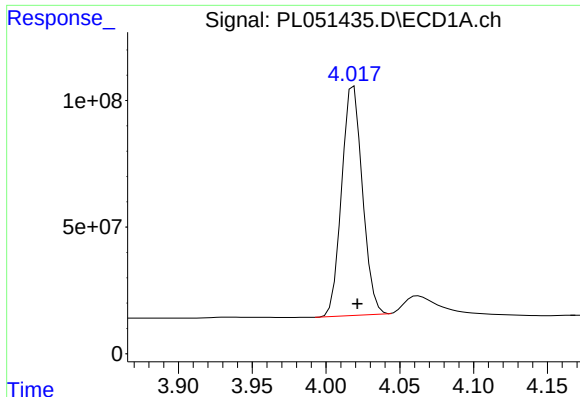
#2 alpha-BHC

R.T.: 3.743 min
Delta R.T.: -0.002 min
Response: 955513487
Conc: 57.02 ng/ml



#2 alpha-BHC

R.T.: 4.316 min
Delta R.T.: -0.003 min
Response: 233864222
Conc: 56.68 ng/ml



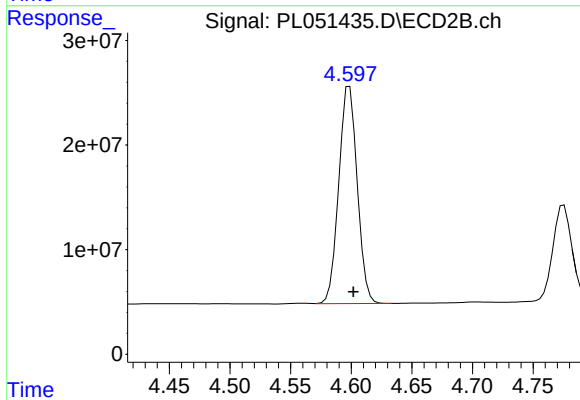
#3 gamma-BHC (Lindane)

R.T.: 4.019 min
Delta R.T.: -0.003 min
Response: 887424315
Conc: 57.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

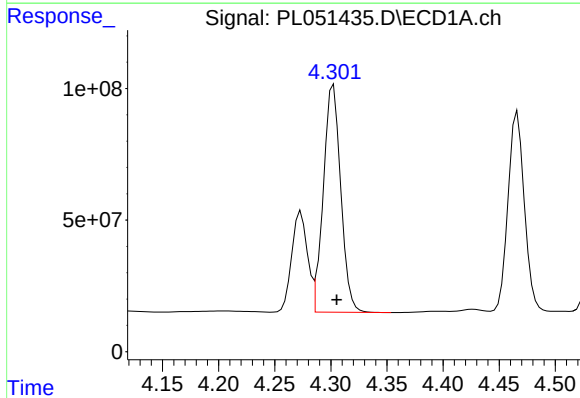
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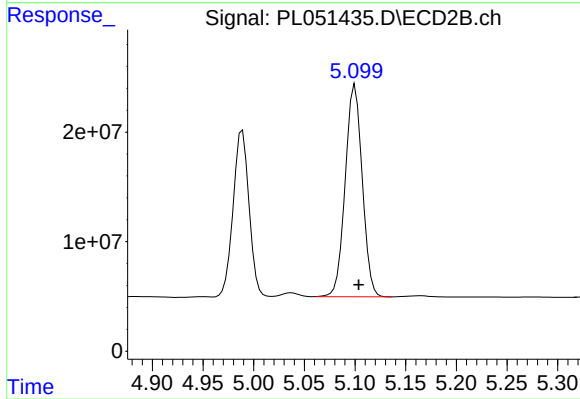
#3 gamma-BHC (Lindane)

R.T.: 4.599 min
Delta R.T.: -0.003 min
Response: 220043996
Conc: 56.81 ng/ml



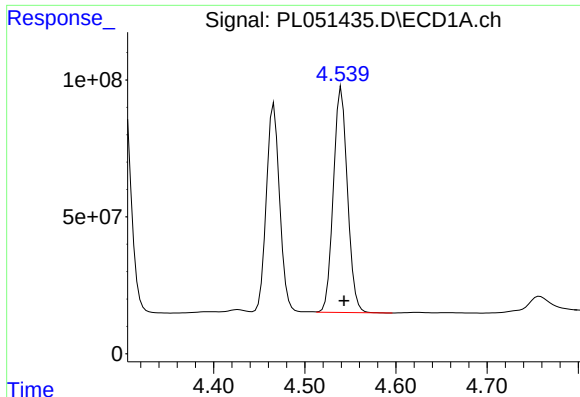
#4 Heptachlor

R.T.: 4.302 min
Delta R.T.: -0.003 min
Response: 930907234
Conc: 56.74 ng/ml



#4 Heptachlor

R.T.: 5.100 min
Delta R.T.: -0.004 min
Response: 225766827
Conc: 54.45 ng/ml



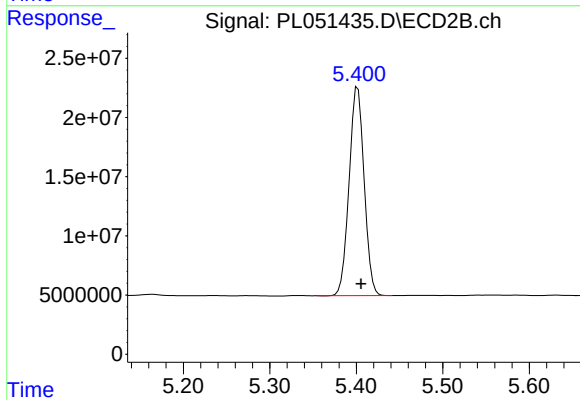
#5 Aldrin

R.T.: 4.540 min
Delta R.T.: -0.003 min
Response: 882433654
Conc: 56.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

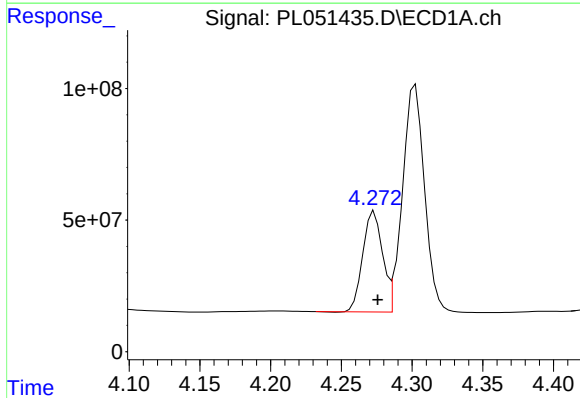
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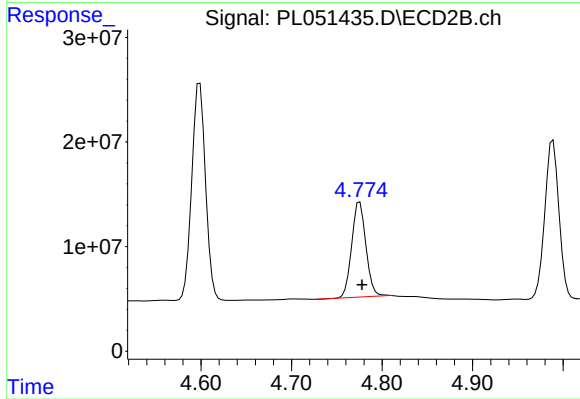
#5 Aldrin

R.T.: 5.402 min
Delta R.T.: -0.004 min
Response: 212246543
Conc: 56.32 ng/ml



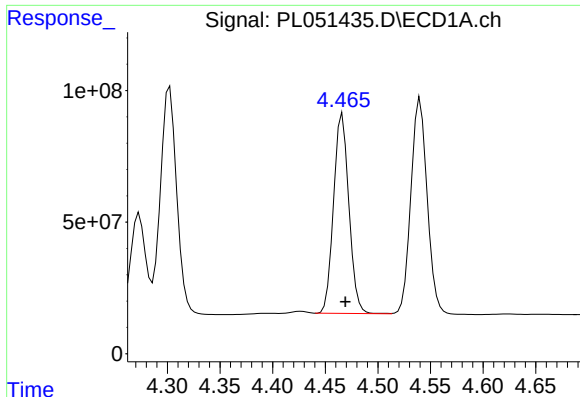
#6 beta-BHC

R.T.: 4.273 min
Delta R.T.: -0.002 min
Response: 371879906
Conc: 56.72 ng/ml



#6 beta-BHC

R.T.: 4.775 min
Delta R.T.: -0.003 min
Response: 99306756
Conc: 57.44 ng/ml



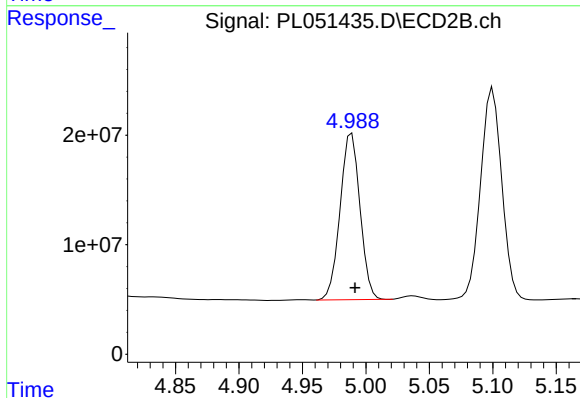
#7 delta-BHC

R.T.: 4.466 min
Delta R.T.: -0.003 min
Response: 767699968
Conc: 46.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

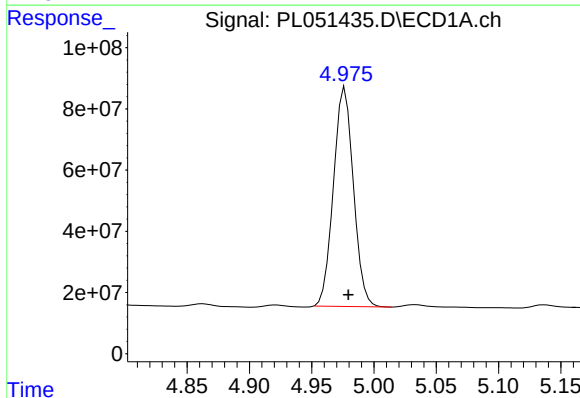
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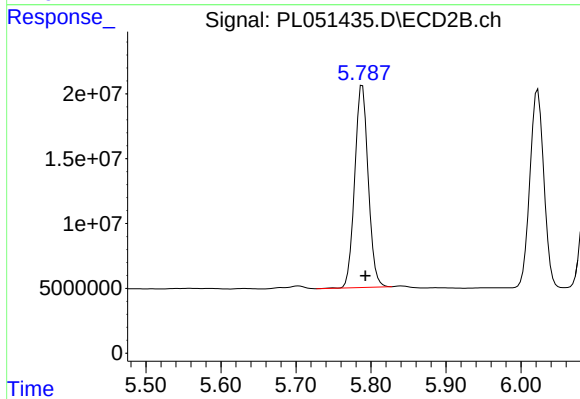
#7 delta-BHC

R.T.: 4.989 min
Delta R.T.: -0.003 min
Response: 165462472
Conc: 42.78 ng/ml



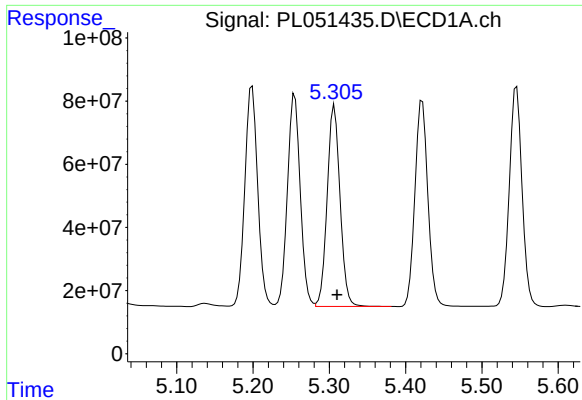
#8 Heptachlor epoxide

R.T.: 4.977 min
Delta R.T.: -0.003 min
Response: 798118266
Conc: 54.02 ng/ml



#8 Heptachlor epoxide

R.T.: 5.789 min
Delta R.T.: -0.004 min
Response: 194976880
Conc: 50.98 ng/ml



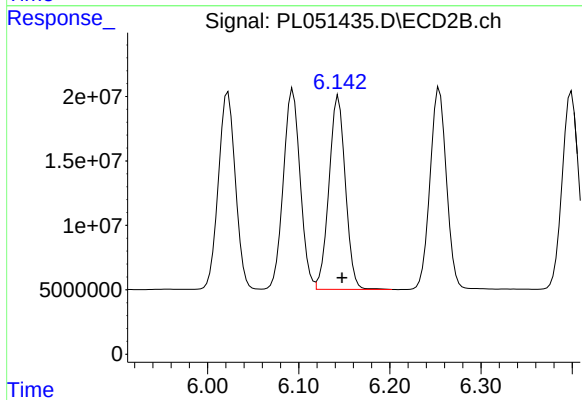
#9 Endosulfan I

R.T.: 5.307 min
Delta R.T.: -0.003 min
Response: 749163471
Conc: 51.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

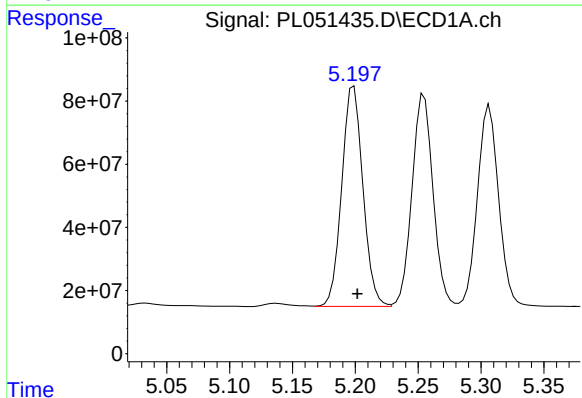
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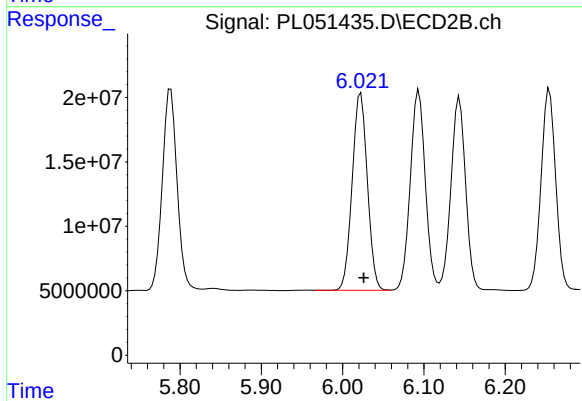
#9 Endosulfan I

R.T.: 6.144 min
Delta R.T.: -0.004 min
Response: 187929665
Conc: 54.65 ng/ml



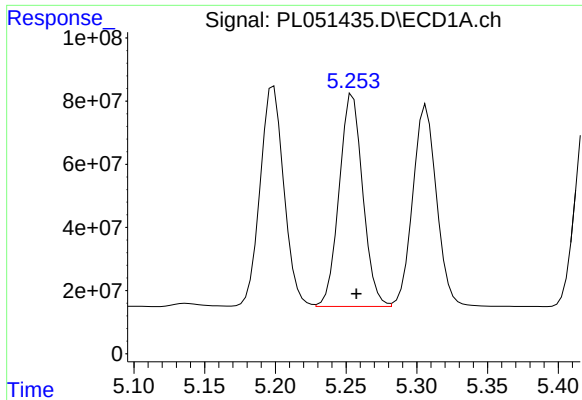
#10 gamma-Chlordane

R.T.: 5.199 min
Delta R.T.: -0.003 min
Response: 815457272
Conc: 51.67 ng/ml



#10 gamma-Chlordane

R.T.: 6.022 min
Delta R.T.: -0.004 min
Response: 197727716
Conc: 53.51 ng/ml



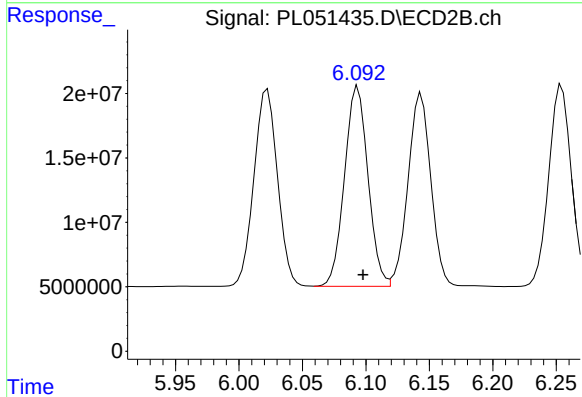
#11 alpha-Chlordane

R.T.: 5.255 min
Delta R.T.: -0.003 min
Response: 782215908
Conc: 51.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

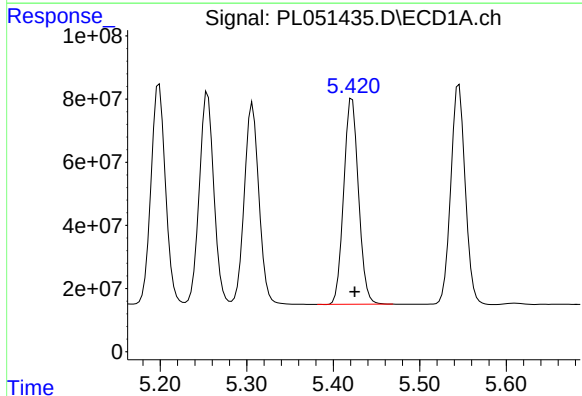
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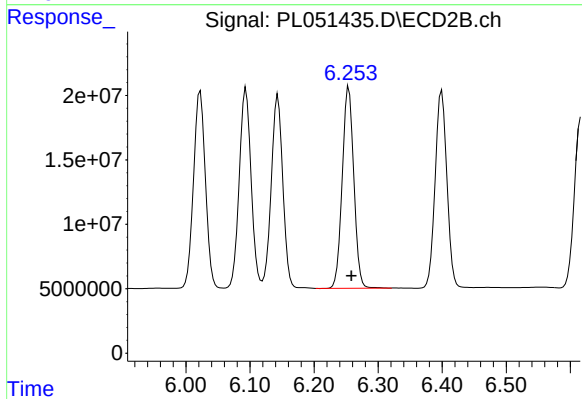
#11 alpha-Chlordane

R.T.: 6.094 min
Delta R.T.: -0.004 min
Response: 199671552
Conc: 54.48 ng/ml



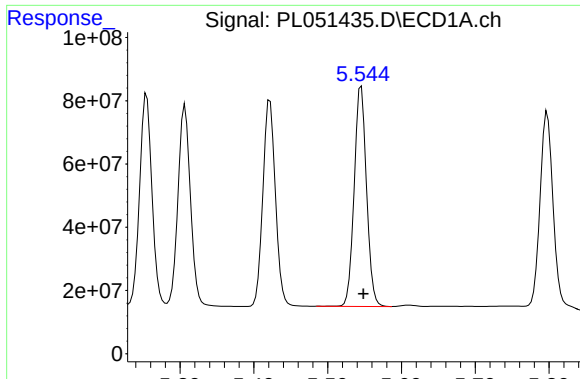
#12 4,4'-DDE

R.T.: 5.422 min
Delta R.T.: -0.003 min
Response: 769795816
Conc: 51.37 ng/ml



#12 4,4'-DDE

R.T.: 6.254 min
Delta R.T.: -0.004 min
Response: 195414973
Conc: 54.23 ng/ml



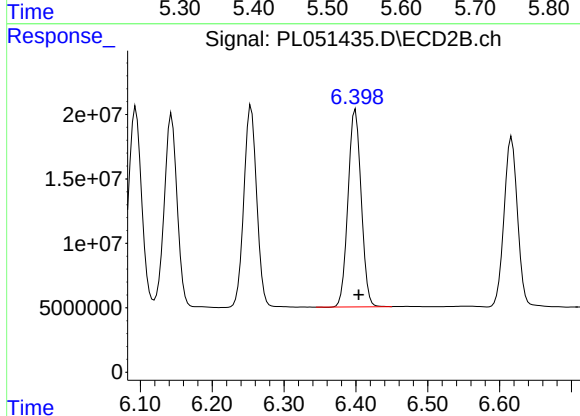
#13 Dieldrin

R.T.: 5.545 min
Delta R.T.: -0.003 min
Response: 809742233
Conc: 52.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

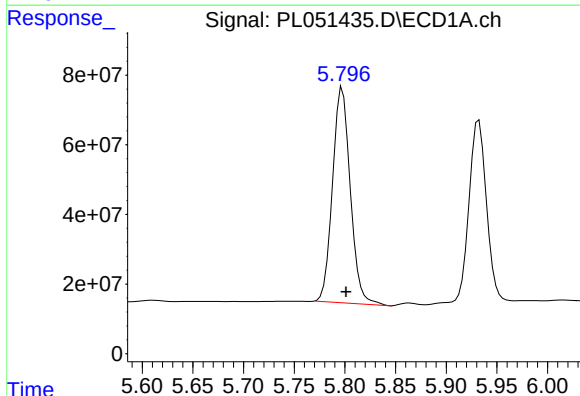
Manual Integrations
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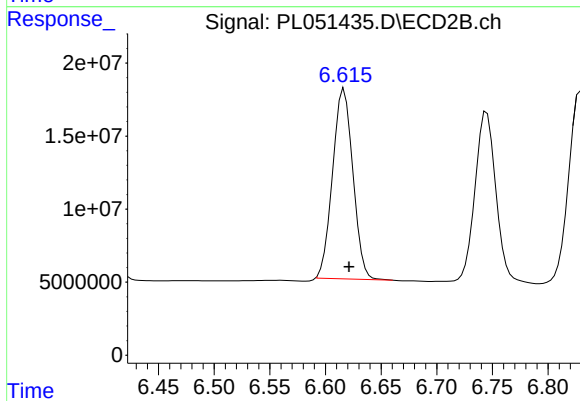
#13 Dieldrin

R.T.: 6.399 min
Delta R.T.: -0.004 min
Response: 194705201
Conc: 54.98 ng/ml



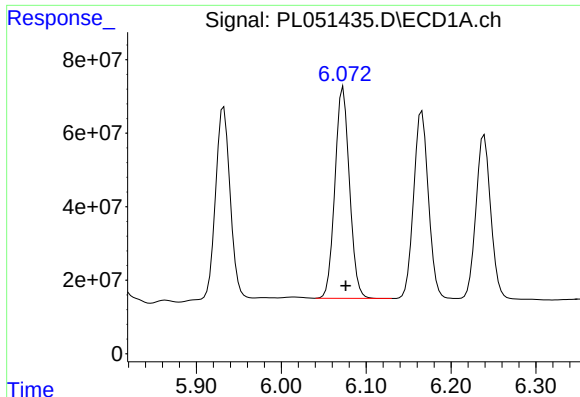
#14 Endrin

R.T.: 5.798 min
Delta R.T.: -0.004 min
Response: 756734160
Conc: 51.41 ng/ml



#14 Endrin

R.T.: 6.617 min
Delta R.T.: -0.005 min
Response: 165089057
Conc: 53.23 ng/ml



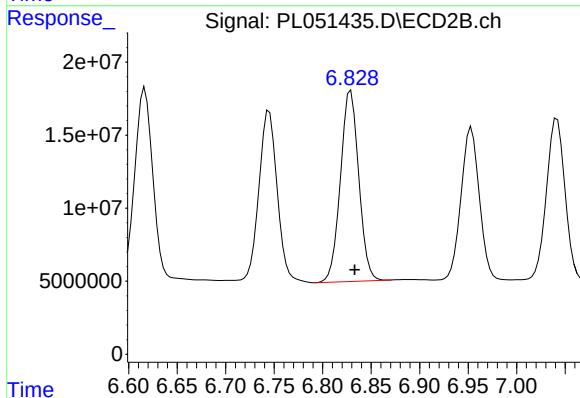
#15 Endosulfan II

R.T.: 6.073 min
Delta R.T.: -0.003 min
Response: 683523197
Conc: 48.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

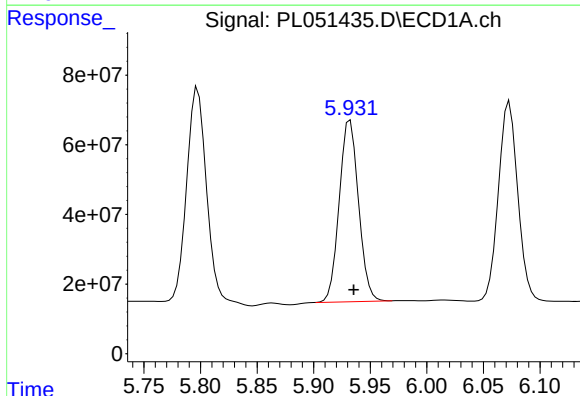
Manual Integrations
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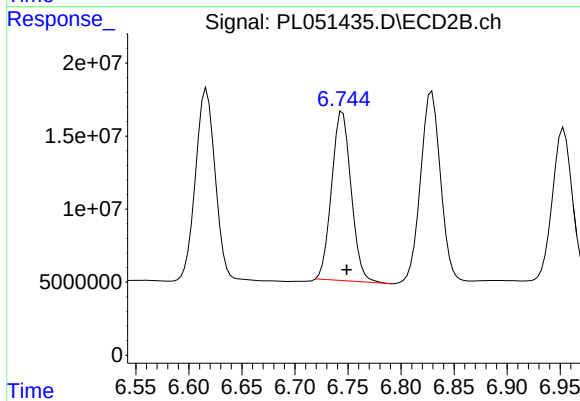
#15 Endosulfan II

R.T.: 6.829 min
Delta R.T.: -0.004 min
Response: 171349155
Conc: 53.90 ng/ml



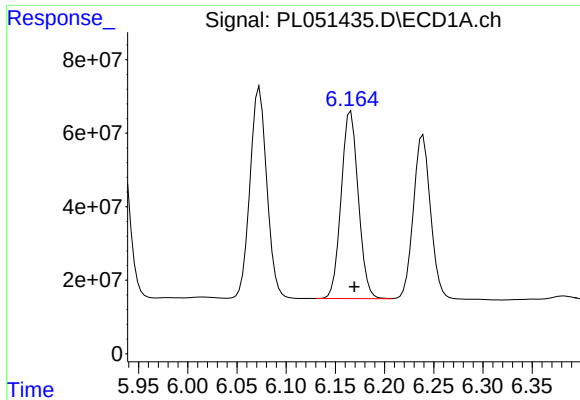
#16 4,4'-DDD

R.T.: 5.932 min
Delta R.T.: -0.003 min
Response: 618645907
Conc: 51.62 ng/ml



#16 4,4'-DDD

R.T.: 6.745 min
Delta R.T.: -0.004 min
Response: 148448773
Conc: 55.75 ng/ml



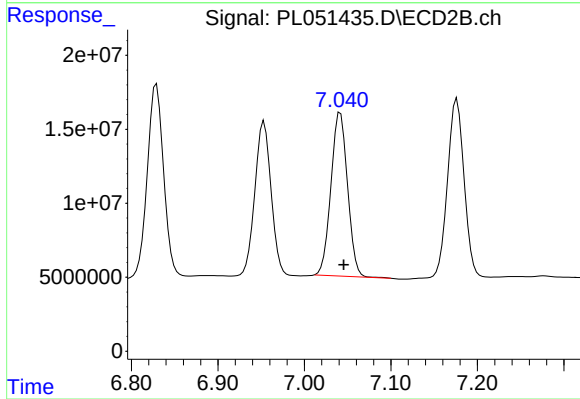
#17 4,4'-DDT

R.T.: 6.166 min
Delta R.T.: -0.004 min
Response: 618226564
Conc: 49.91 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

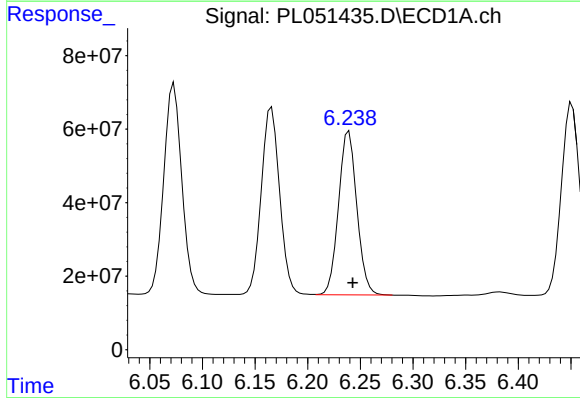
Manual Integrations
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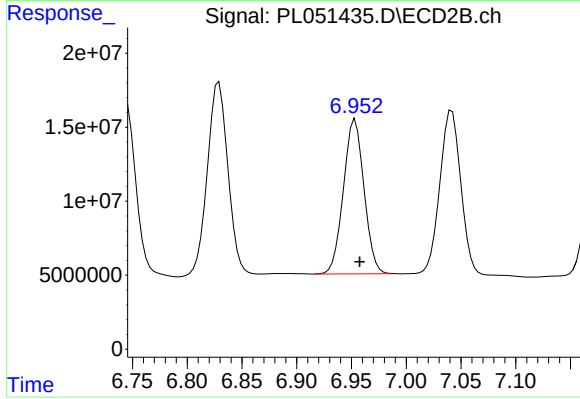
#17 4,4'-DDT

R.T.: 7.042 min
Delta R.T.: -0.004 min
Response: 146857748
Conc: 54.40 ng/ml



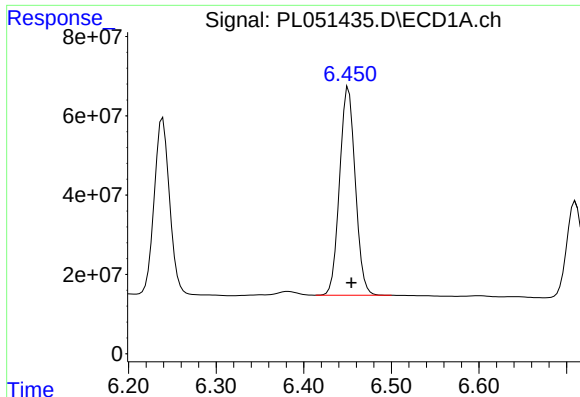
#18 Endrin aldehyde

R.T.: 6.239 min
Delta R.T.: -0.004 min
Response: 540954674
Conc: 46.89 ng/ml



#18 Endrin aldehyde

R.T.: 6.952 min
Delta R.T.: -0.005 min
Response: 136783061
Conc: 50.33 ng/ml m



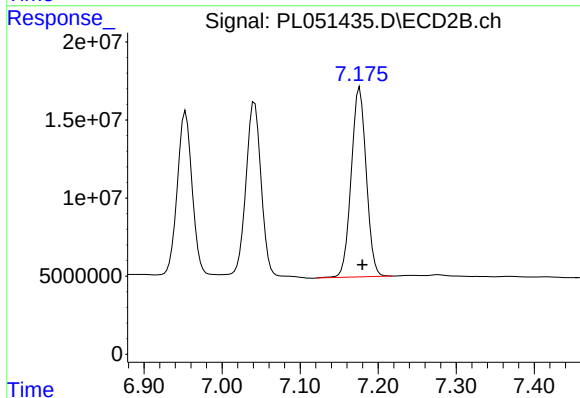
#19 Endosulfan Sulfate

R.T.: 6.451 min
Delta R.T.: -0.003 min
Response: 653909908
Conc: 51.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

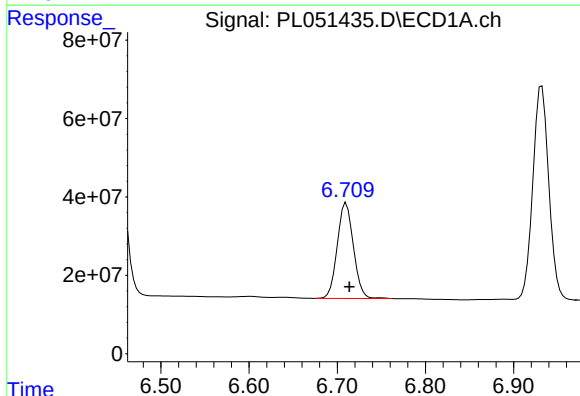
Manual Integrations
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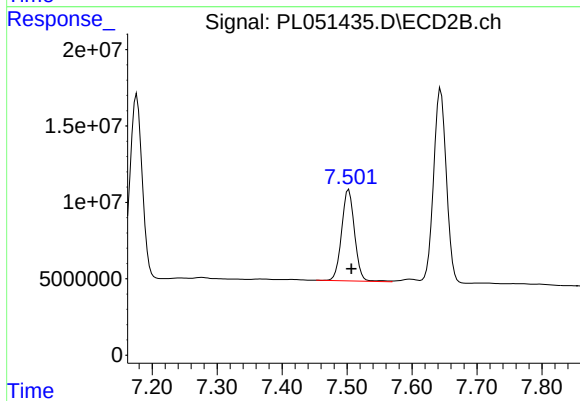
#19 Endosulfan Sulfate

R.T.: 7.176 min
Delta R.T.: -0.003 min
Response: 161979916
Conc: 56.08 ng/ml



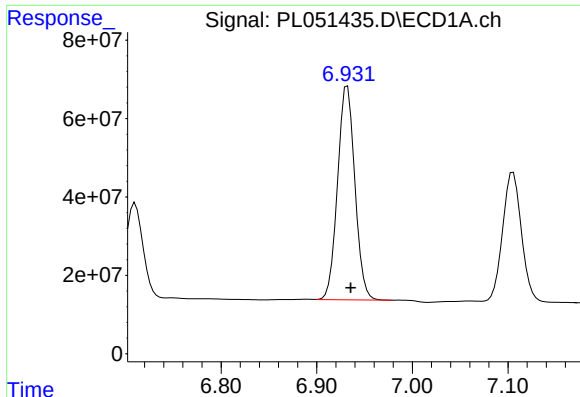
#20 Methoxychlor

R.T.: 6.710 min
Delta R.T.: -0.004 min
Response: 309895490
Conc: 49.67 ng/ml



#20 Methoxychlor

R.T.: 7.503 min
Delta R.T.: -0.004 min
Response: 82837642
Conc: 56.46 ng/ml



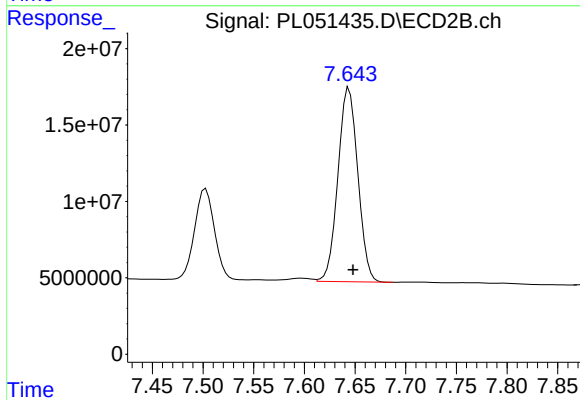
#21 Endrin ketone

R.T.: 6.932 min
Delta R.T.: -0.004 min
Response: 686914724
Conc: 50.22 ng/ml

Instrument :
ECD_L
ClientSampled :
S-22MSD

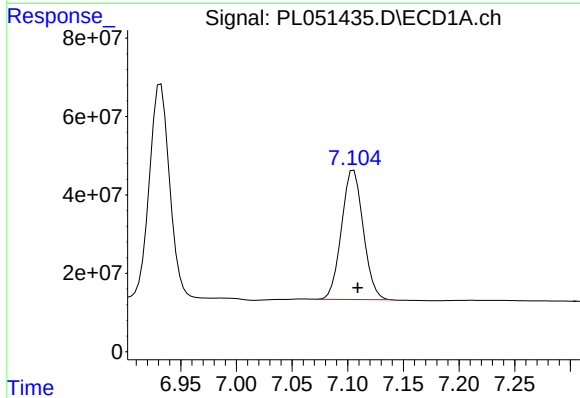
Manual Integrations
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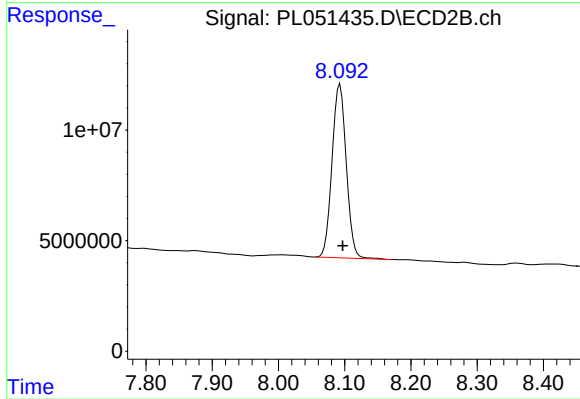
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: -0.004 min
Response: 173320588
Conc: 59.95 ng/ml



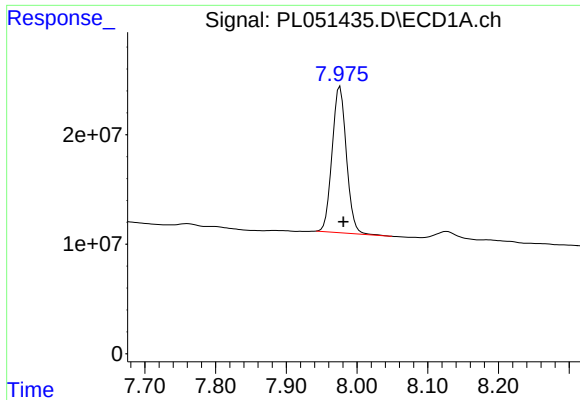
#22 Mirex

R.T.: 7.105 min
Delta R.T.: -0.004 min
Response: 449109465
Conc: 45.81 ng/ml



#22 Mirex

R.T.: 8.093 min
Delta R.T.: -0.004 min
Response: 116947385
Conc: 50.91 ng/ml



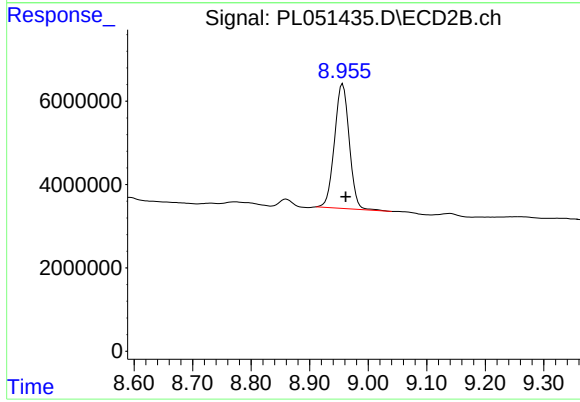
#28 Decachlorobiphenyl

R.T.: 7.976 min
Delta R.T.: -0.005 min
Response: 187573038
Conc: 18.53 ng/ml

Instrument :
ECD_L
ClientSampleId :
S-22MSD

Manual Integrations
APPROVED

Ankita
8/14/2019 4:54:47 PM



#28 Decachlorobiphenyl

R.T.: 8.956 min
Delta R.T.: -0.005 min
Response: 52427925
Conc: 18.54 ng/ml