

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091522\
 Data File : PL077778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2022 15:41
 Operator : AR\AJ
 Sample : N4634-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-2MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:51:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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...	3.415	2.625	34046167	59605681	21.239	20.078
28)	SA Decachlor...	8.907	7.724	25397820	44782393	19.651	17.840
Target Compounds							
2)	A alpha-BHC	3.881	3.118	123.8E6	222.6E6	52.169	49.082
3)	MA gamma-BHC...	4.216	3.442	115.4E6	198.6E6	52.140	49.169
4)	MA Heptachlor	4.792	3.773	115.7E6	194.7E6	52.239	49.147
5)	MB Aldrin	5.132	4.048	109.4E6	209.3E6	55.047	55.159
6)	B beta-BHC	4.429	3.741	51530647	78521842	53.022	47.166
7)	B delta-BHC	4.673	3.963	77320591	171.4E6	37.658	42.248m
8)	B Heptachlo...	5.566	4.547	92919455	168.9E6	53.301	49.950
9)	A Endosulfan I	5.952	4.913	83881733	152.1E6	52.045	48.208
10)	B gamma-Chl...	5.821	4.796	92026426	173.0E6	52.560	50.762
11)	B alpha-Chl...	5.898	4.859	91808759	166.6E6	53.151	50.313
12)	B 4,4'-DDE	6.077	5.053	85406894	161.8E6	53.652	49.717
13)	MA Dieldrin	6.229	5.176	88454555	172.5E6	54.803	52.025
14)	MA Endrin	6.461	5.448	77742544	143.3E6	56.213	50.252
15)	B Endosulfa...	6.690	5.743	77944224	145.2E6	56.425	55.091m
16)	A 4,4'-DDD	6.603	5.606	65375731	128.1E6	55.836	49.463
17)	MA 4,4'-DDT	6.913	5.854	68500003	136.3E6	54.059	51.737
18)	B Endrin al...	6.821	5.923	61013220	112.5E6	57.697	54.509
19)	B Endosulfa...	7.053	6.146	66457169	134.7E6	51.895	50.072
20)	A Methoxychlor	7.394	6.430	37531986	74645643	56.828	54.509m
21)	B Endrin ke...	7.542	6.646	71967474	148.0E6	52.083	48.869
22)	Mirex	8.002	6.821	56110919	106.2E6	53.440	49.378

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL091522\
 Data File : PL077778.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 15 Sep 2022 15:41
 Operator : AR\AJ
 Sample : N4634-04MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

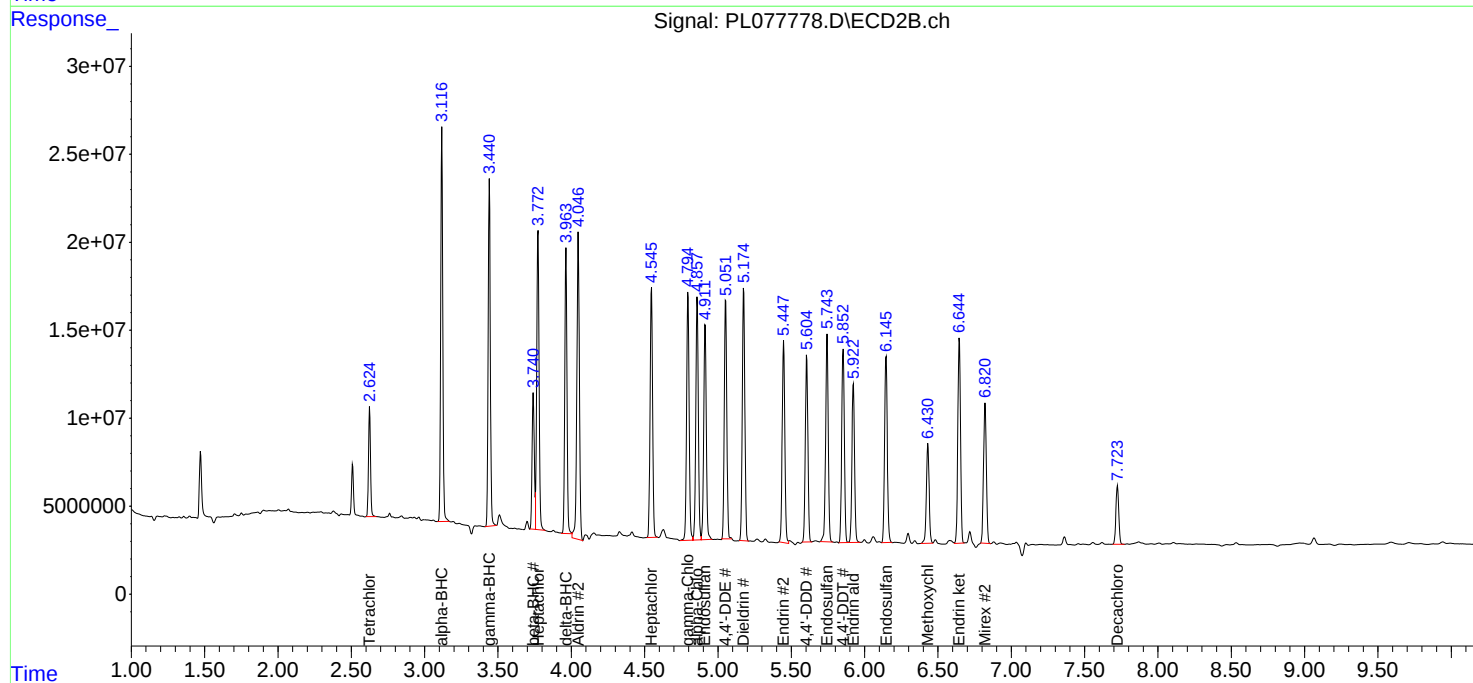
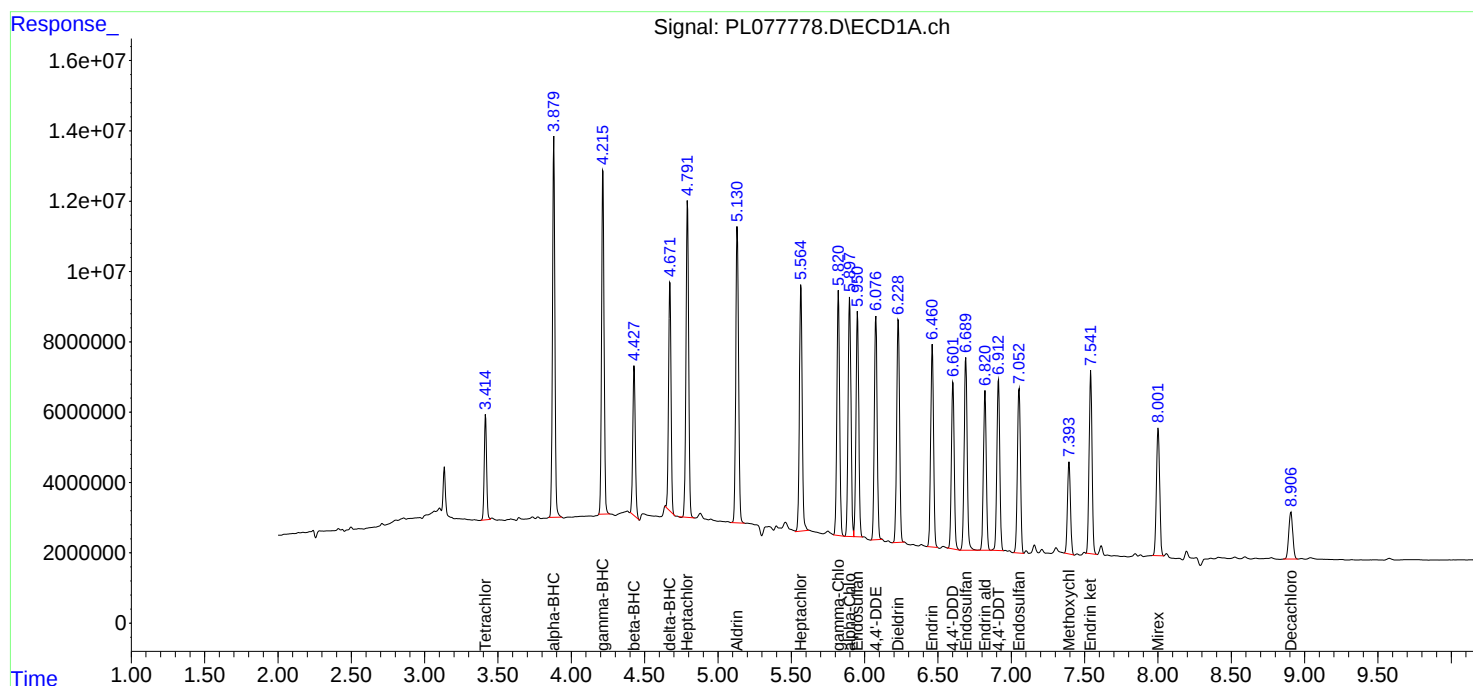
Instrument :
 ECD_L
 ClientSampleId :
 WC-2MSD

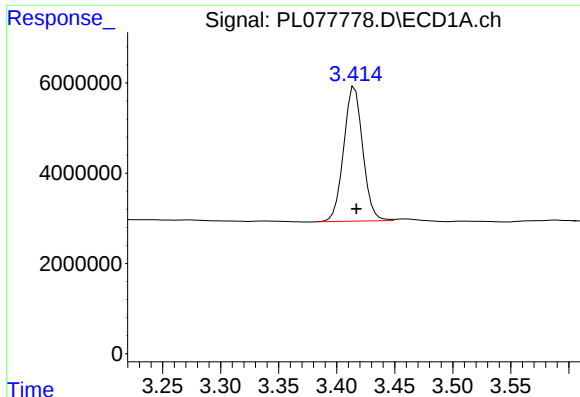
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 09/16/2022
 Supervised By : Ankita Jodhani 09/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Sep 16 03:51:00 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL091222.M
 Quant Title : GC Extractables
 QLast Update : Tue Sep 13 13:26:11 2022
 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





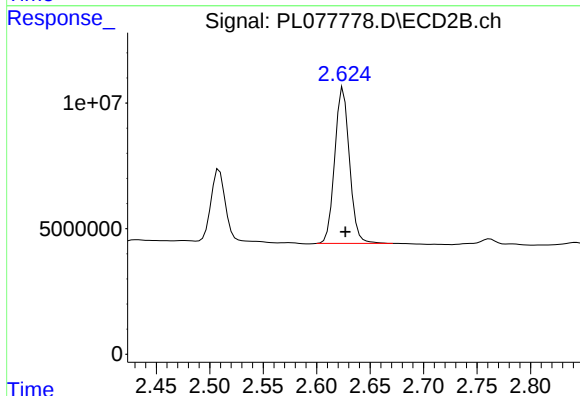
#1 Tetrachloro-m-xylene

R.T.: 3.415 min
Delta R.T.: -0.002 min
Response: 34046167
Conc: 21.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

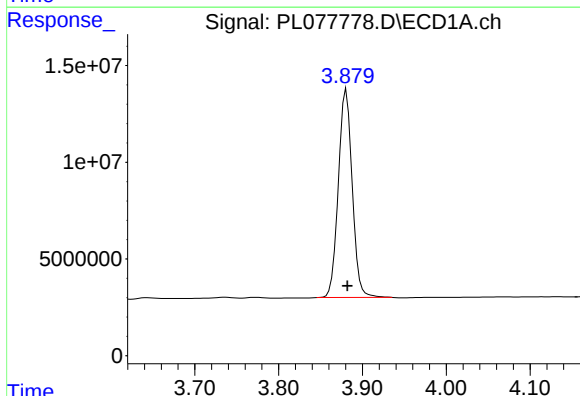
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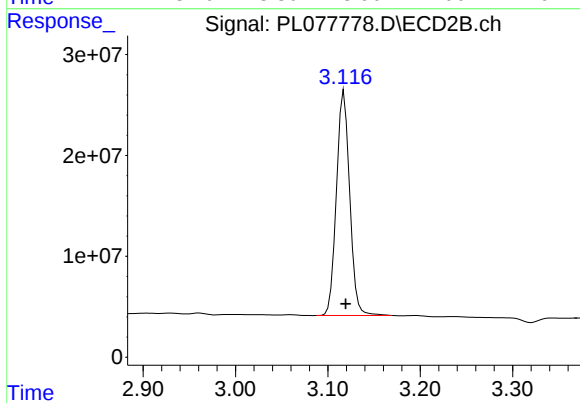
#1 Tetrachloro-m-xylene

R.T.: 2.625 min
Delta R.T.: -0.002 min
Response: 59605681
Conc: 20.08 ng/ml



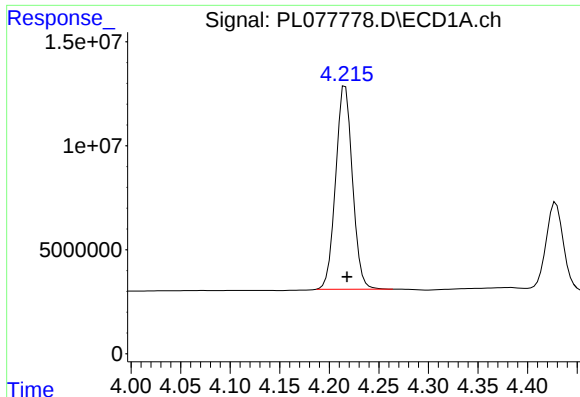
#2 alpha-BHC

R.T.: 3.881 min
Delta R.T.: -0.001 min
Response: 123801961
Conc: 52.17 ng/ml



#2 alpha-BHC

R.T.: 3.118 min
Delta R.T.: -0.002 min
Response: 222595371
Conc: 49.08 ng/ml



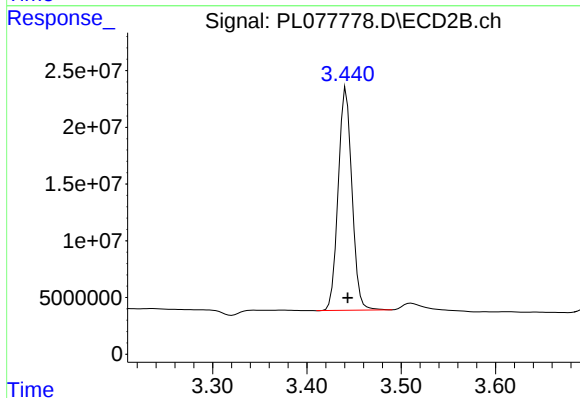
#3 gamma-BHC (Lindane)

R.T.: 4.216 min
Delta R.T.: -0.002 min
Response: 115356674
Conc: 52.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

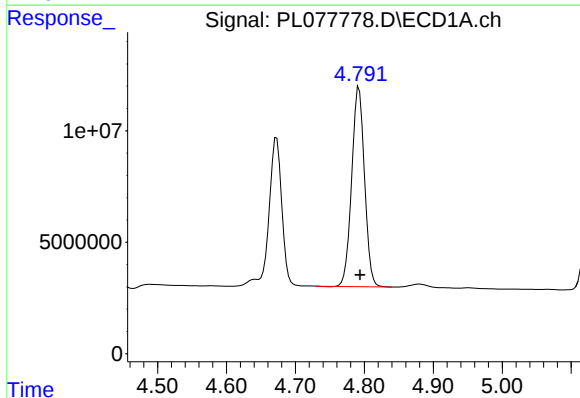
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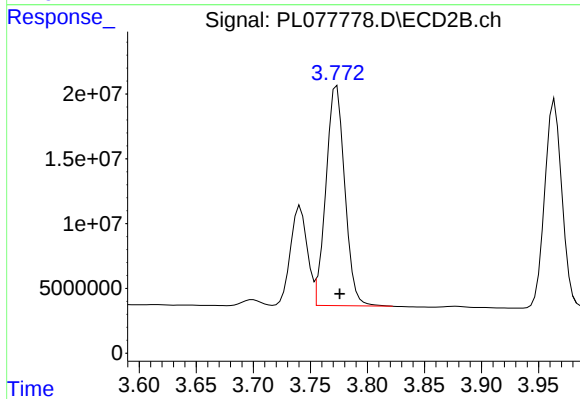
#3 gamma-BHC (Lindane)

R.T.: 3.442 min
Delta R.T.: -0.002 min
Response: 198556156
Conc: 49.17 ng/ml



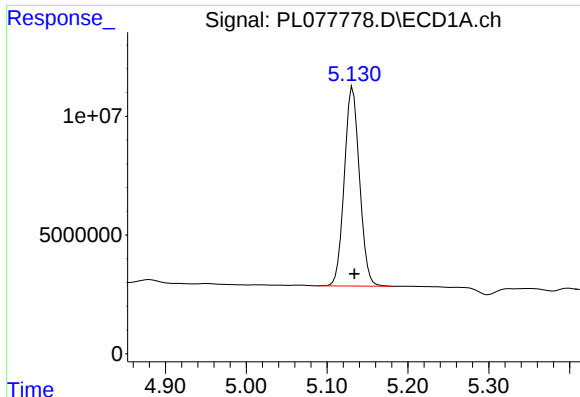
#4 Heptachlor

R.T.: 4.792 min
Delta R.T.: -0.001 min
Response: 115658823
Conc: 52.24 ng/ml



#4 Heptachlor

R.T.: 3.773 min
Delta R.T.: -0.002 min
Response: 194652597
Conc: 49.15 ng/ml



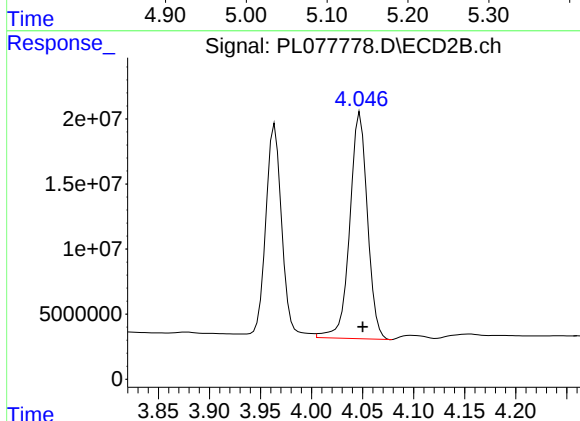
#5 Aldrin

R.T.: 5.132 min
Delta R.T.: -0.002 min
Response: 109402491
Conc: 55.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

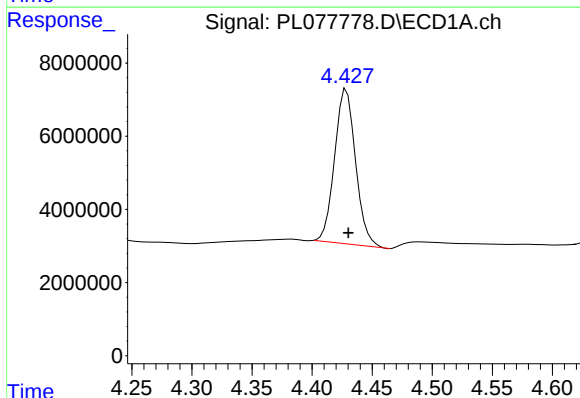
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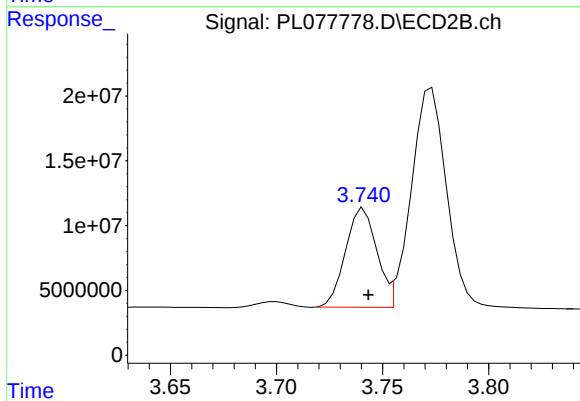
#5 Aldrin

R.T.: 4.048 min
Delta R.T.: -0.003 min
Response: 209323481
Conc: 55.16 ng/ml



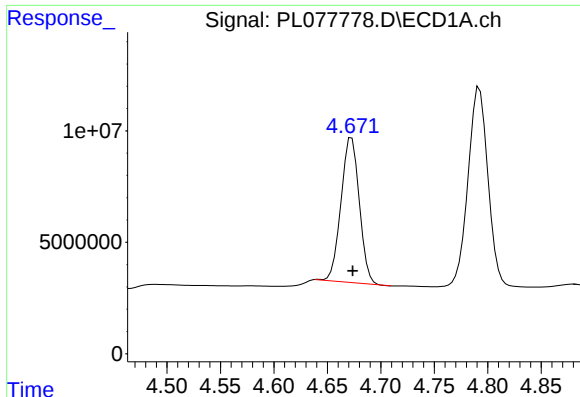
#6 beta-BHC

R.T.: 4.429 min
Delta R.T.: -0.002 min
Response: 51530647
Conc: 53.02 ng/ml



#6 beta-BHC

R.T.: 3.741 min
Delta R.T.: -0.002 min
Response: 78521842
Conc: 47.17 ng/ml



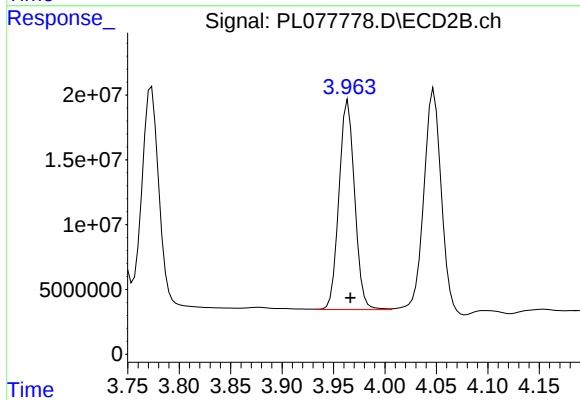
#7 delta-BHC

R.T.: 4.673 min
Delta R.T.: 0.000 min
Response: 77320591
Conc: 37.66 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

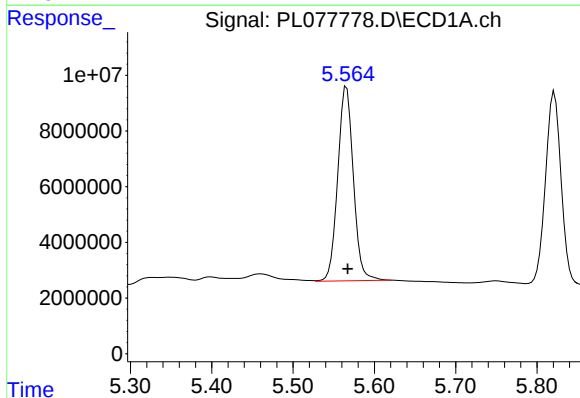
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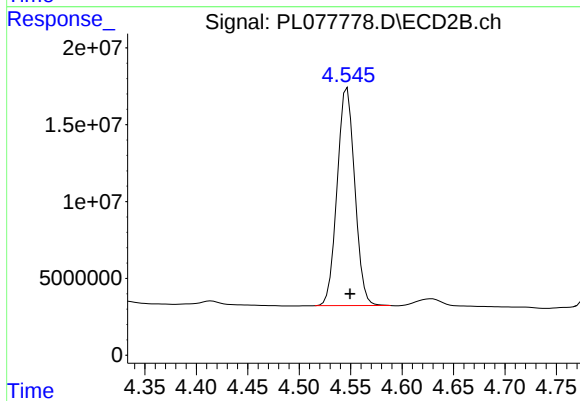
#7 delta-BHC

R.T.: 3.963 min
Delta R.T.: -0.004 min
Response: 171432339
Conc: 42.25 ng/ml m



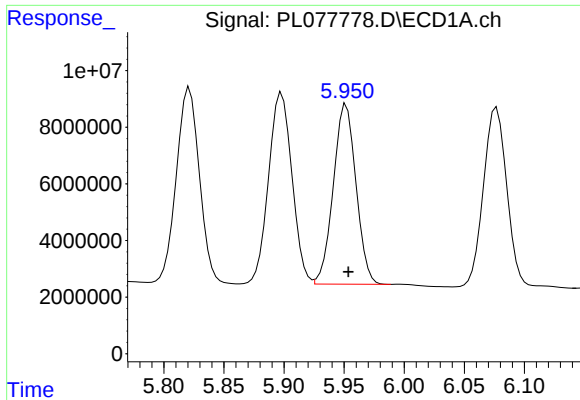
#8 Heptachlor epoxide

R.T.: 5.566 min
Delta R.T.: -0.001 min
Response: 92919455
Conc: 53.30 ng/ml



#8 Heptachlor epoxide

R.T.: 4.547 min
Delta R.T.: -0.003 min
Response: 168902618
Conc: 49.95 ng/ml



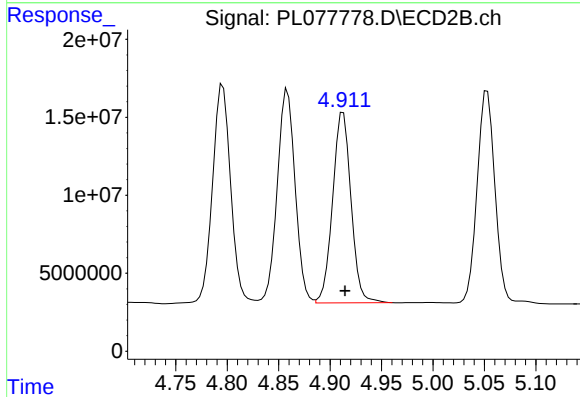
#9 Endosulfan I

R.T.: 5.952 min
Delta R.T.: -0.002 min
Response: 83881733
Conc: 52.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

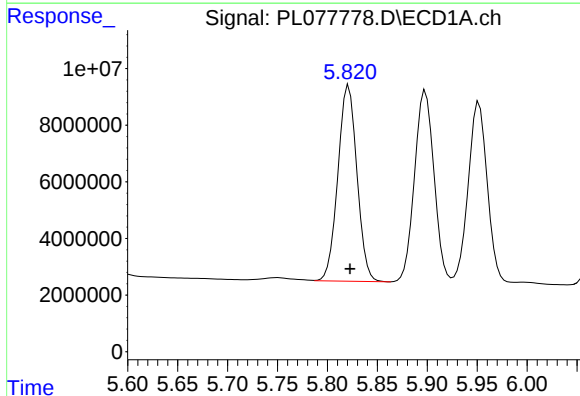
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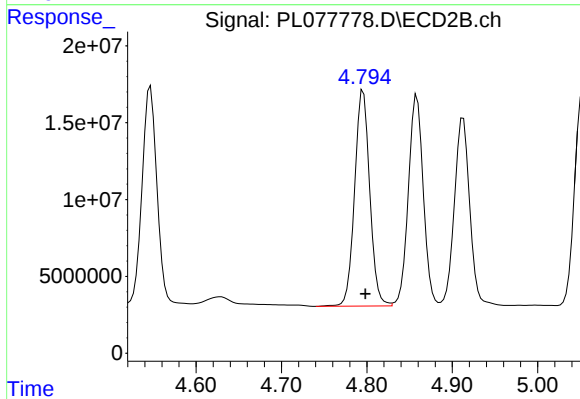
#9 Endosulfan I

R.T.: 4.913 min
Delta R.T.: -0.002 min
Response: 152109163
Conc: 48.21 ng/ml



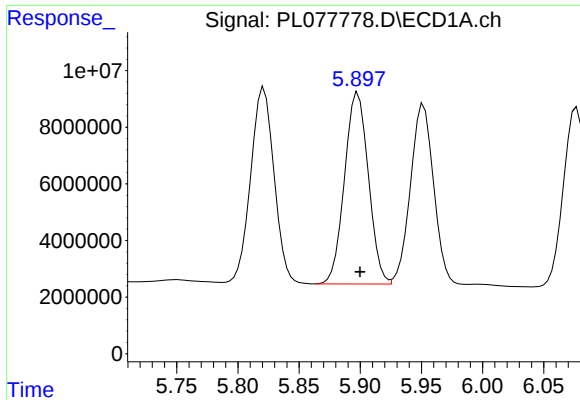
#10 gamma-Chlordane

R.T.: 5.821 min
Delta R.T.: -0.001 min
Response: 92026426
Conc: 52.56 ng/ml



#10 gamma-Chlordane

R.T.: 4.796 min
Delta R.T.: -0.003 min
Response: 173014638
Conc: 50.76 ng/ml



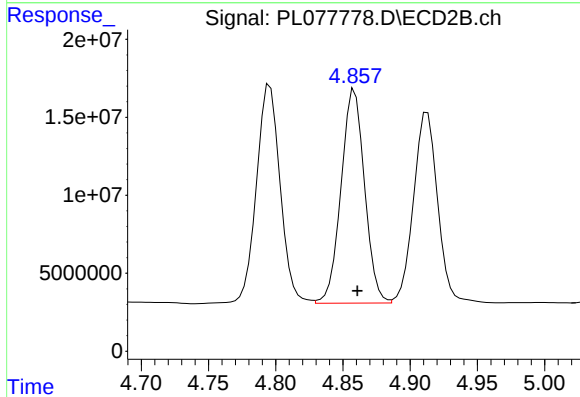
#11 alpha-Chlordane

R.T.: 5.898 min
Delta R.T.: -0.002 min
Response: 91808759
Conc: 53.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

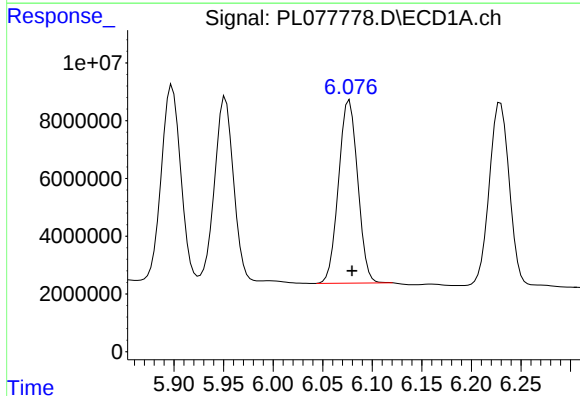
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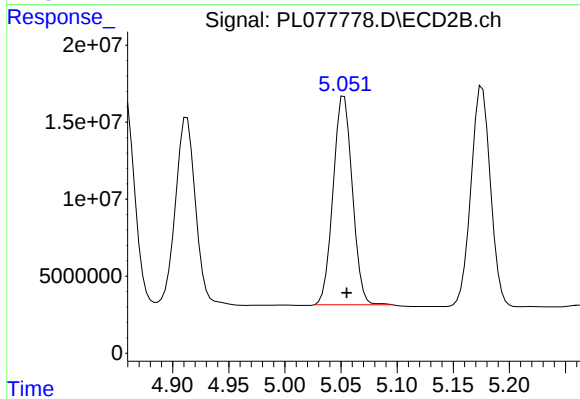
#11 alpha-Chlordane

R.T.: 4.859 min
Delta R.T.: -0.002 min
Response: 166619538
Conc: 50.31 ng/ml



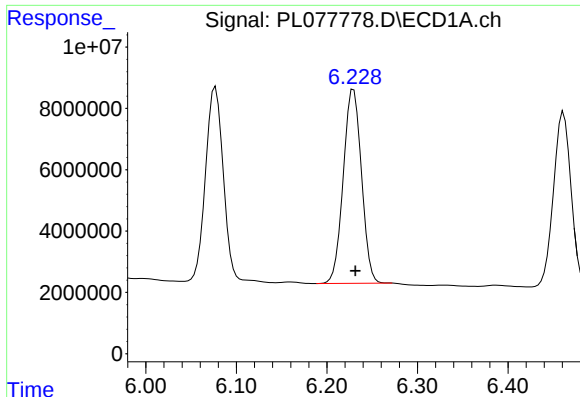
#12 4,4'-DDE

R.T.: 6.077 min
Delta R.T.: -0.003 min
Response: 85406894
Conc: 53.65 ng/ml



#12 4,4'-DDE

R.T.: 5.053 min
Delta R.T.: -0.002 min
Response: 161770149
Conc: 49.72 ng/ml



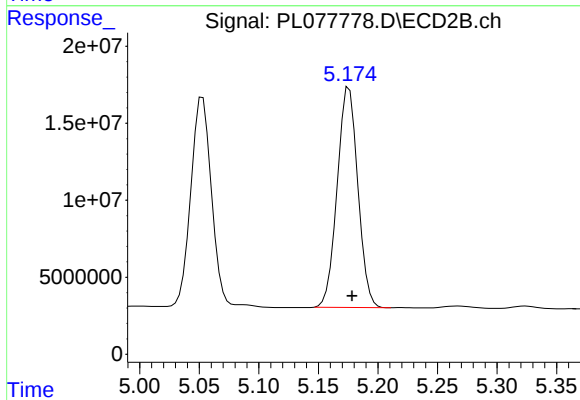
#13 Dieldrin

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 88454555
Conc: 54.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

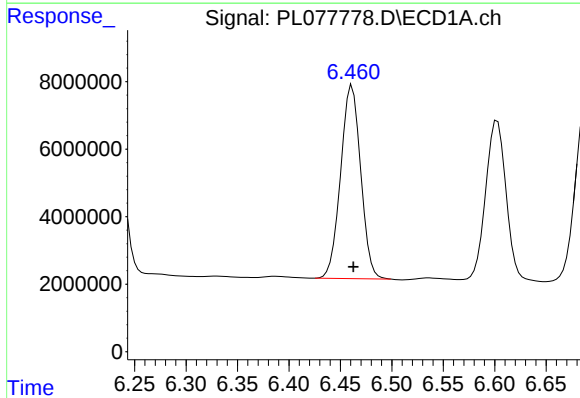
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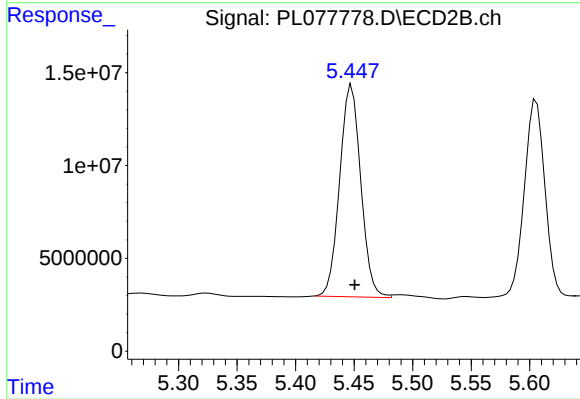
#13 Dieldrin

R.T.: 5.176 min
Delta R.T.: -0.002 min
Response: 172499981
Conc: 52.03 ng/ml



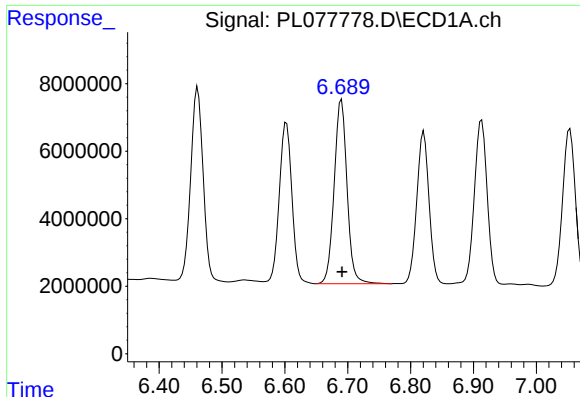
#14 Endrin

R.T.: 6.461 min
Delta R.T.: -0.001 min
Response: 77742544
Conc: 56.21 ng/ml



#14 Endrin

R.T.: 5.448 min
Delta R.T.: -0.003 min
Response: 143292591
Conc: 50.25 ng/ml



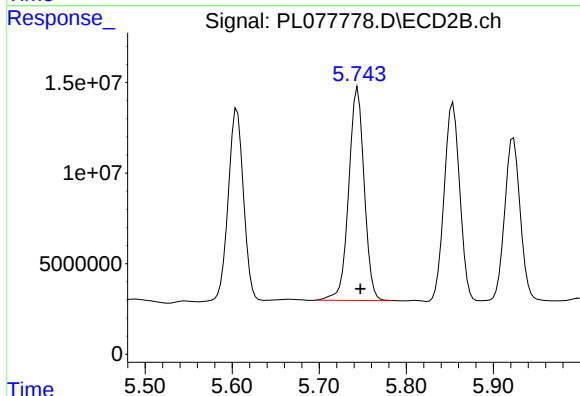
#15 Endosulfan II

R.T.: 6.690 min
Delta R.T.: -0.001 min
Response: 77944224
Conc: 56.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

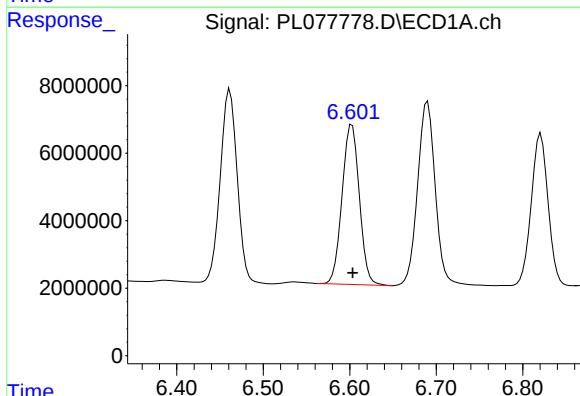
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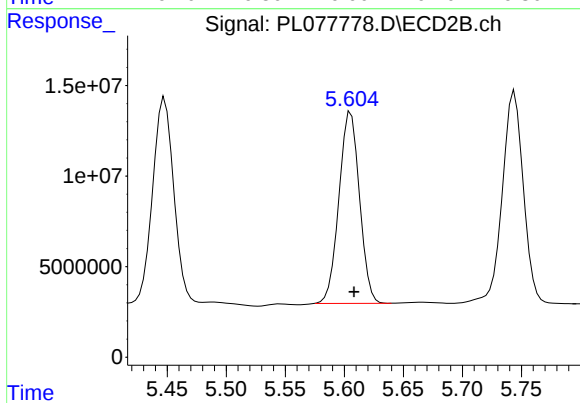
#15 Endosulfan II

R.T.: 5.743 min
Delta R.T.: -0.004 min
Response: 145173192
Conc: 55.09 ng/ml m



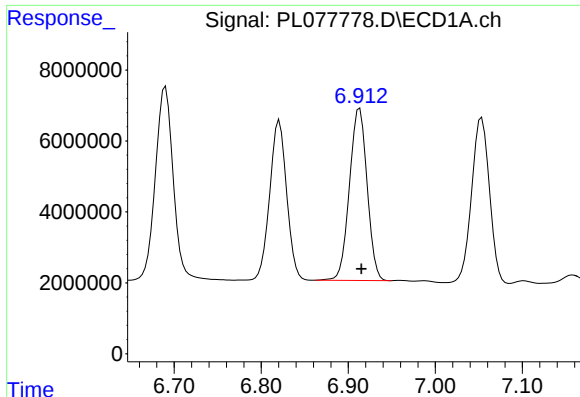
#16 4,4'-DDD

R.T.: 6.603 min
Delta R.T.: -0.001 min
Response: 65375731
Conc: 55.84 ng/ml



#16 4,4'-DDD

R.T.: 5.606 min
Delta R.T.: -0.003 min
Response: 128138060
Conc: 49.46 ng/ml



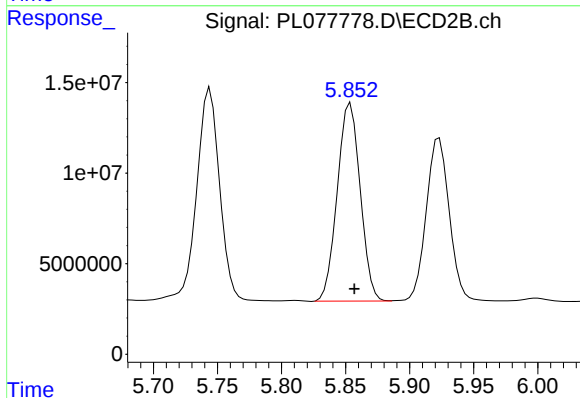
#17 4,4'-DDT

R.T.: 6.913 min
Delta R.T.: -0.002 min
Response: 68500003
Conc: 54.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

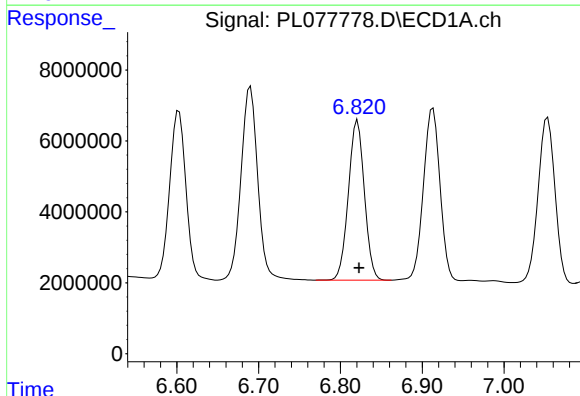
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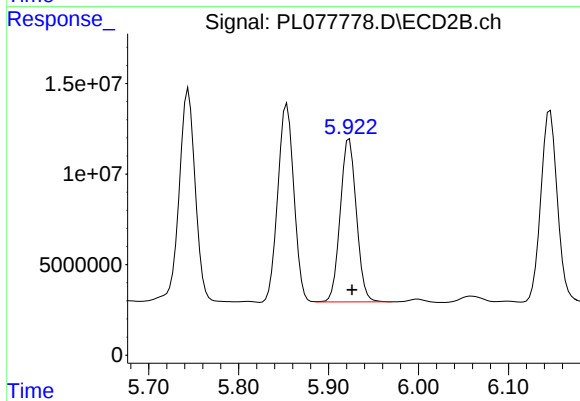
#17 4,4'-DDT

R.T.: 5.854 min
Delta R.T.: -0.003 min
Response: 136317623
Conc: 51.74 ng/ml



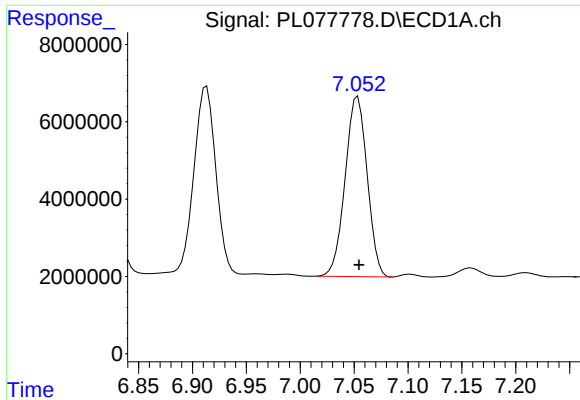
#18 Endrin aldehyde

R.T.: 6.821 min
Delta R.T.: -0.002 min
Response: 61013220
Conc: 57.70 ng/ml



#18 Endrin aldehyde

R.T.: 5.923 min
Delta R.T.: -0.003 min
Response: 112481109
Conc: 54.51 ng/ml



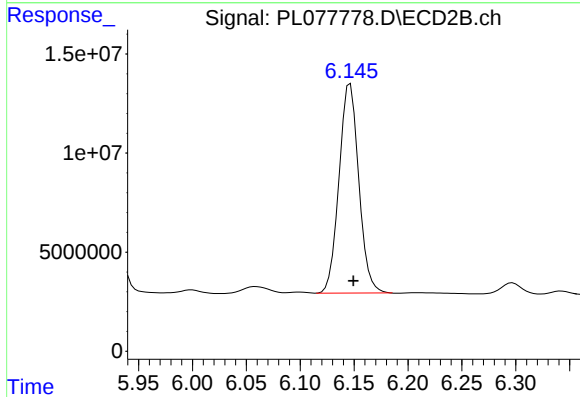
#19 Endosulfan Sulfate

R.T.: 7.053 min
Delta R.T.: -0.001 min
Response: 66457169
Conc: 51.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

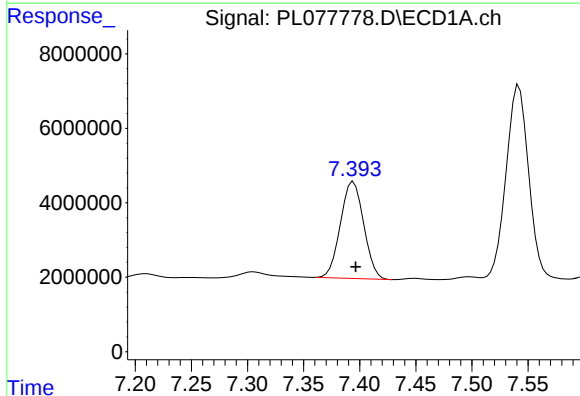
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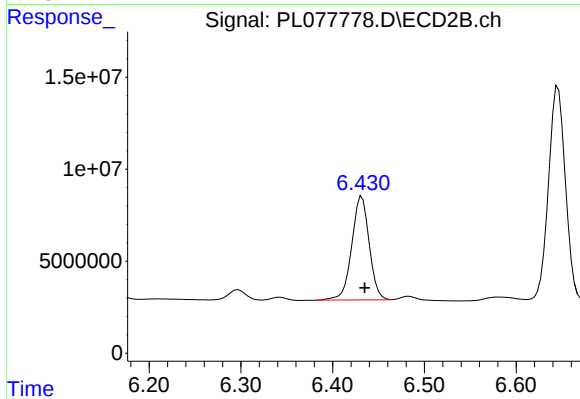
#19 Endosulfan Sulfate

R.T.: 6.146 min
Delta R.T.: -0.003 min
Response: 134652621
Conc: 50.07 ng/ml



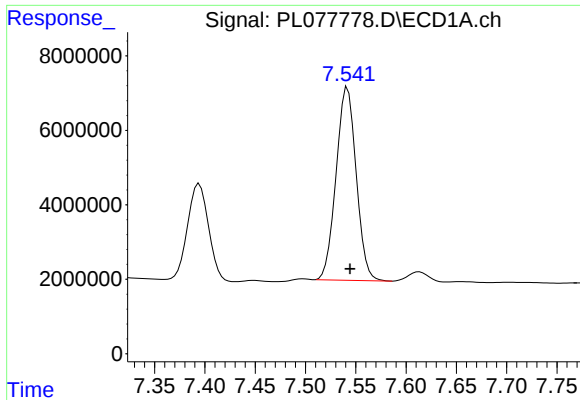
#20 Methoxychlor

R.T.: 7.394 min
Delta R.T.: -0.002 min
Response: 37531986
Conc: 56.83 ng/ml



#20 Methoxychlor

R.T.: 6.430 min
Delta R.T.: -0.004 min
Response: 74645643
Conc: 54.51 ng/ml m



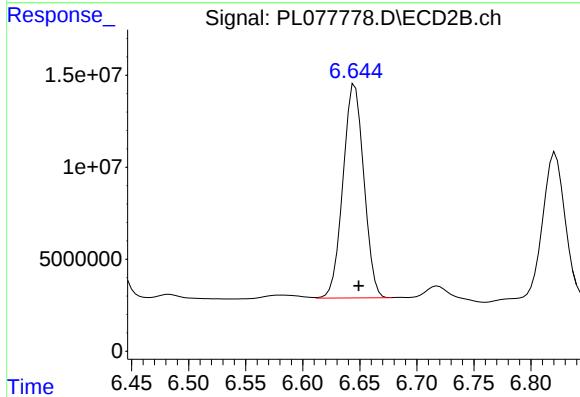
#21 Endrin ketone

R.T.: 7.542 min
Delta R.T.: -0.002 min
Response: 71967474
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

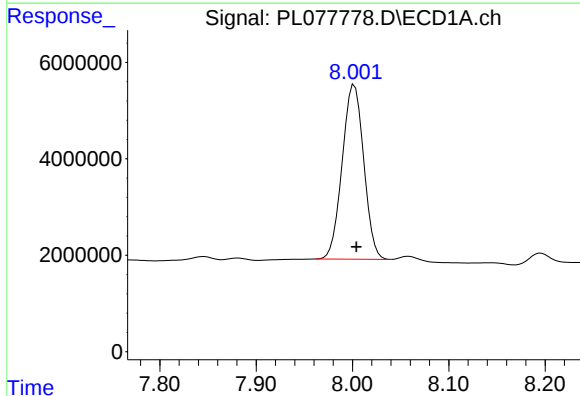
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 09/16/2022
Supervised By :Ankita Jodhani 09/16/2022



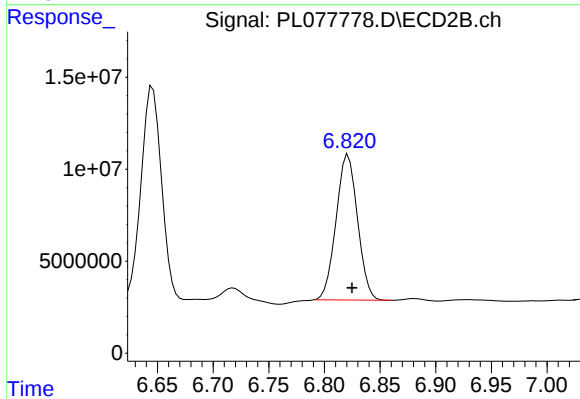
#21 Endrin ketone

R.T.: 6.646 min
Delta R.T.: -0.003 min
Response: 147991752
Conc: 48.87 ng/ml



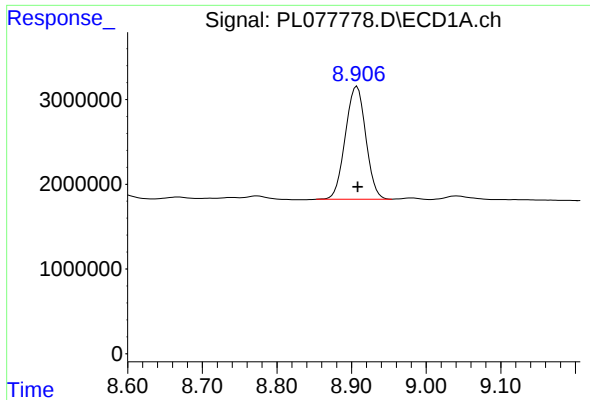
#22 Mirex

R.T.: 8.002 min
Delta R.T.: -0.002 min
Response: 56110919
Conc: 53.44 ng/ml



#22 Mirex

R.T.: 6.821 min
Delta R.T.: -0.004 min
Response: 106155433
Conc: 49.38 ng/ml



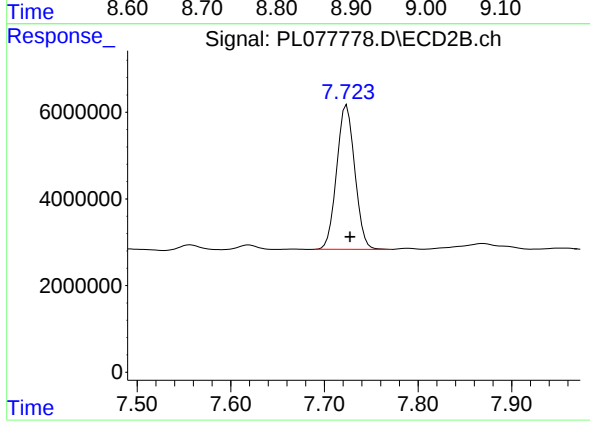
#28 Decachlorobiphenyl

R.T.: 8.907 min
Delta R.T.: -0.001 min
Response: 25397820
Conc: 19.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-2MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.724 min
Delta R.T.: -0.004 min
Response: 44782393
Conc: 17.84 ng/ml