

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL071223\
 Data File : PL083841.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 Jul 2023 18:07
 Operator : AR\AJ
 Sample : 03564-02MSD
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-225MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/13/2023
 Supervised By : Ankita Jodhani 07/13/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 02:01:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 12 14:26:23 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...	3.476	2.688	27694938	15016077	13.848	13.521
28)	SA Decachlor...	9.020	7.870	15124106	18123477	11.619	16.311 #
Target Compounds							
2)	A alpha-BHC	3.933	3.193	141.8E6	80401350	48.386	50.005
3)	MA gamma-BHC...	4.267	3.524	130.8E6	78617629	46.295	51.699
4)	MA Heptachlor	4.859	3.865	144.7E6	65399565	53.241	55.495
5)	MB Aldrin	5.199	4.146	139.9E6	73305704	48.835m	48.616
6)	B beta-BHC	4.465	3.825	57769271	33973233	48.147m	51.470
7)	B delta-BHC	4.712	4.054	132.3E6	77929774	49.644	51.519
8)	B Heptachlo...	5.630	4.652	146.0E6	74061364	54.682	57.672
9)	A Endosulfan I	6.016	5.024	108.4E6	66048888	45.760	53.850
10)	B gamma-Chl...	5.888	4.906	212.1E6	115.5E6	82.144	86.674
11)	B alpha-Chl...	5.969	4.970	276.9E6	135.3E6	108.938	100.458
12)	B 4,4'-DDE	6.147	5.168	84516895	65402962	42.007	53.244 #
13)	MA Dieldrin	6.293	5.290	109.6E6	66828927	45.852	51.314
14)	MA Endrin	6.522	5.565	80328856	58040880	42.180	52.801 #
15)	B Endosulfa...	6.743	5.863	78306459	70520211	41.779	61.357 #
16)	A 4,4'-DDD	6.664	5.725	77727447	48330953	52.929m	50.379
17)	MA 4,4'-DDT	6.980	5.977	84196326	49988258	52.794	54.884
18)	B Endrin al...	6.872	6.044	63628676	44947053	43.430m	50.000
19)	B Endosulfa...	7.109	6.269	77424781	52269249	44.788	47.560
20)	A Methoxychlor	7.461	6.562	32462542	27921771	41.500	58.262 #
21)	B Endrin ke...	7.593	6.773	78776827	55510966	44.952	42.962
22)	Mirex	8.068	6.955	74315588	43493342	51.934m	42.613

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

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 Misc :
 ALS Vial : 30 Sample Multiplier: 1

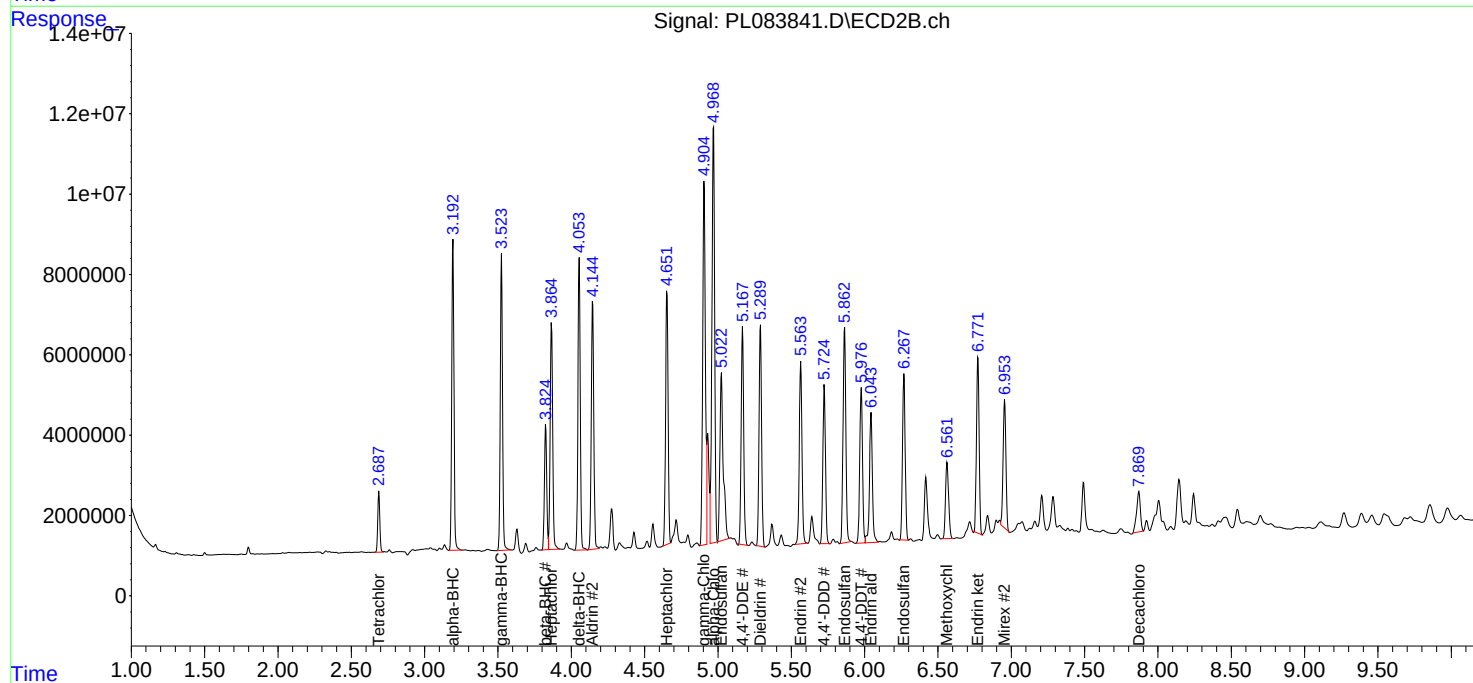
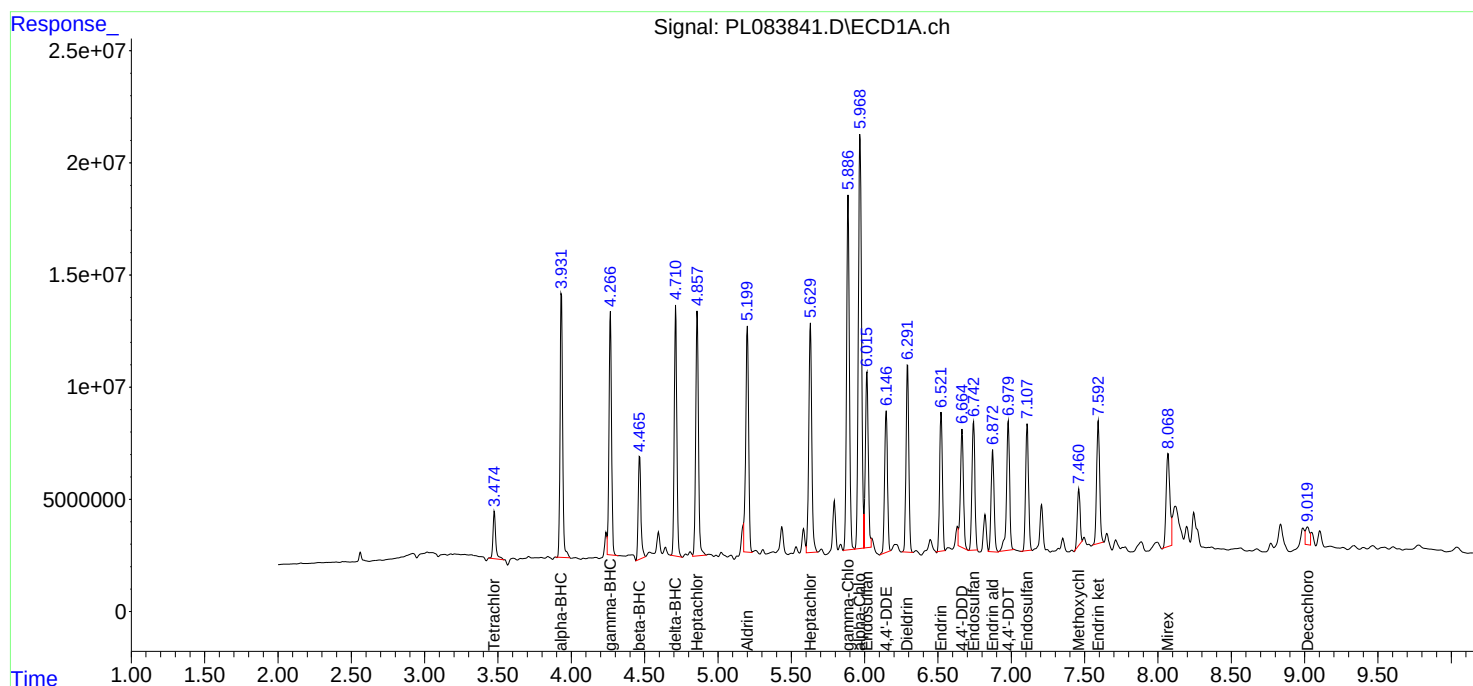
Instrument :
 ECD_L
 ClientSampleId :
 VNJ-225MSD

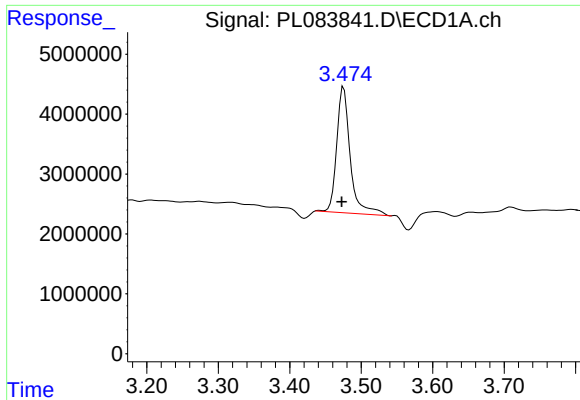
Manual Integrations APPROVED

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Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 13 02:01:16 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071223.M
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Volume Inj. : 1 µl
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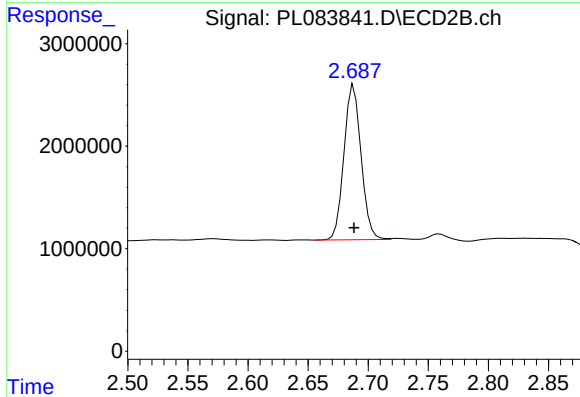
#1 Tetrachloro-m-xylene

R.T.: 3.476 min
Delta R.T.: 0.003 min
Response: 27694938
Conc: 13.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

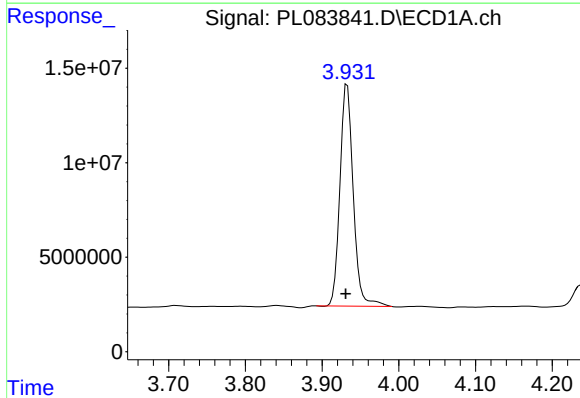
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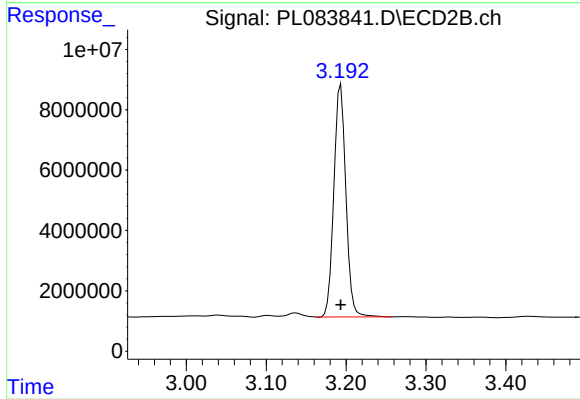
#1 Tetrachloro-m-xylene

R.T.: 2.688 min
Delta R.T.: 0.000 min
Response: 15016077
Conc: 13.52 ng/ml



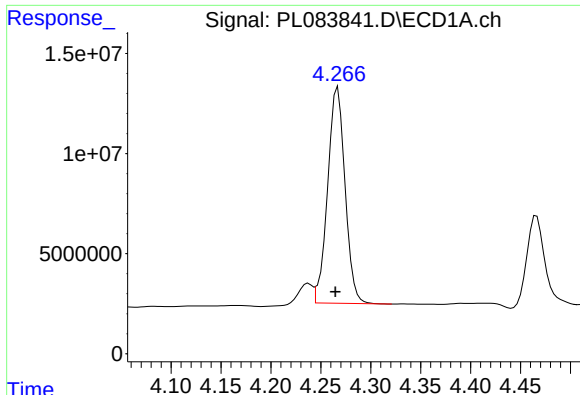
#2 alpha-BHC

R.T.: 3.933 min
Delta R.T.: 0.002 min
Response: 141760686
Conc: 48.39 ng/ml



#2 alpha-BHC

R.T.: 3.193 min
Delta R.T.: 0.000 min
Response: 80401350
Conc: 50.01 ng/ml



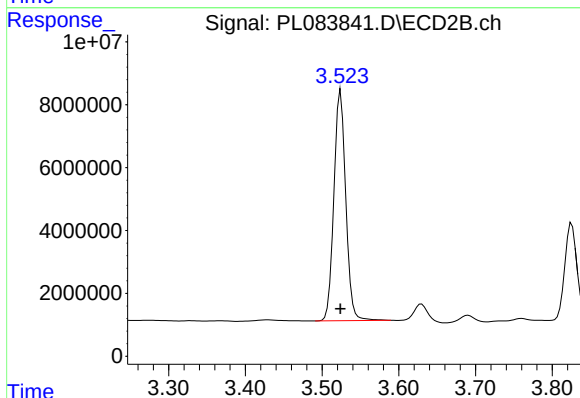
#3 gamma-BHC (Lindane)

R.T.: 4.267 min
Delta R.T.: 0.002 min
Response: 130798089
Conc: 46.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

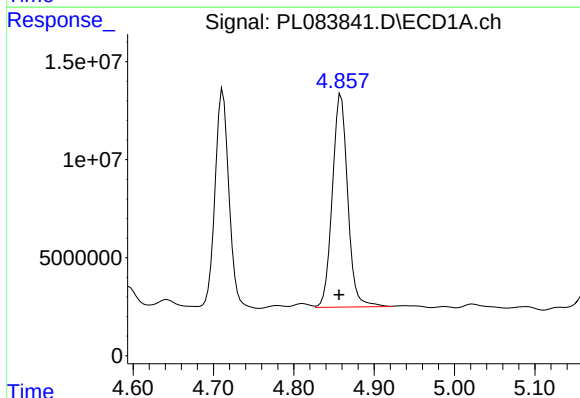
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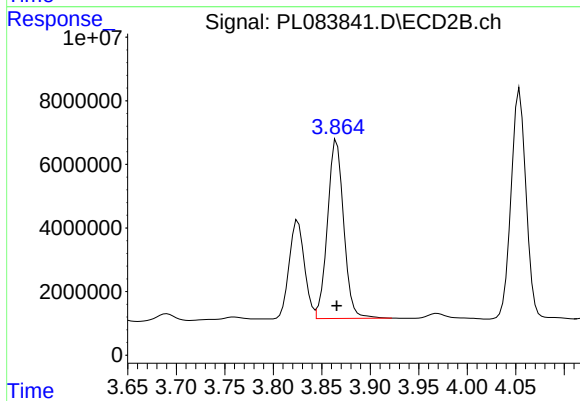
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 78617629
Conc: 51.70 ng/ml



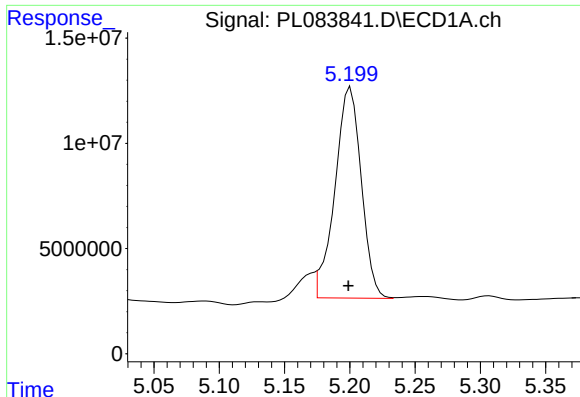
#4 Heptachlor

R.T.: 4.859 min
Delta R.T.: 0.002 min
Response: 144687229
Conc: 53.24 ng/ml



#4 Heptachlor

R.T.: 3.865 min
Delta R.T.: 0.000 min
Response: 65399565
Conc: 55.49 ng/ml



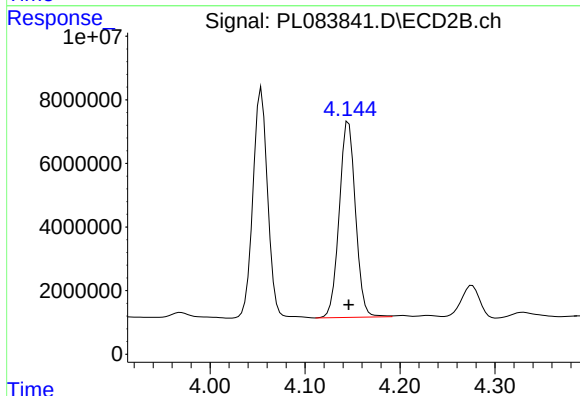
#5 Aldrin

R.T.: 5.199 min
Delta R.T.: 0.000 min
Response: 139872920
Conc: 48.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

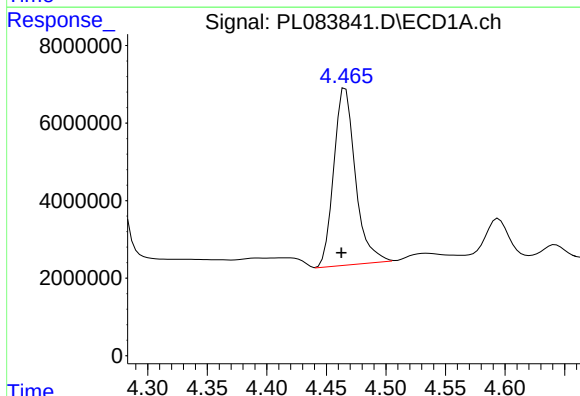
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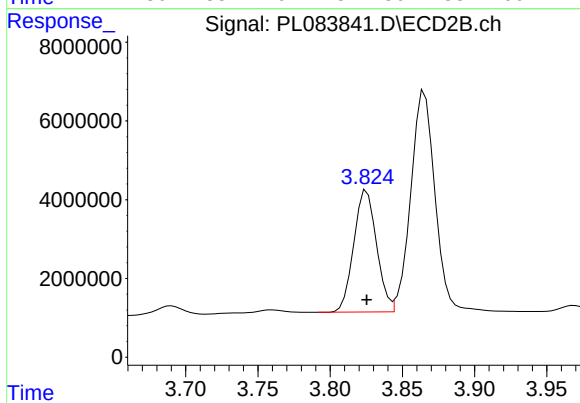
#5 Aldrin

R.T.: 4.146 min
Delta R.T.: 0.000 min
Response: 73305704
Conc: 48.62 ng/ml



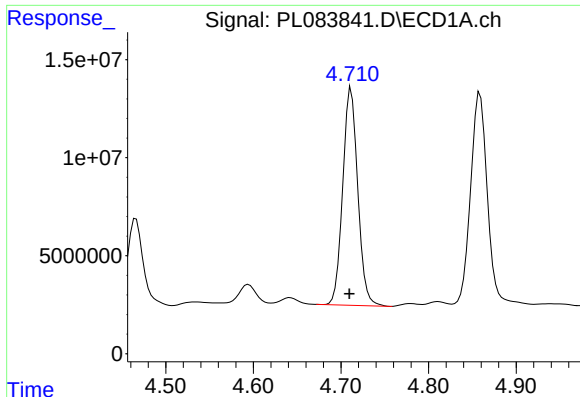
#6 beta-BHC

R.T.: 4.465 min
Delta R.T.: 0.002 min
Response: 57769271
Conc: 48.15 ng/ml m



#6 beta-BHC

R.T.: 3.825 min
Delta R.T.: 0.000 min
Response: 33973233
Conc: 51.47 ng/ml



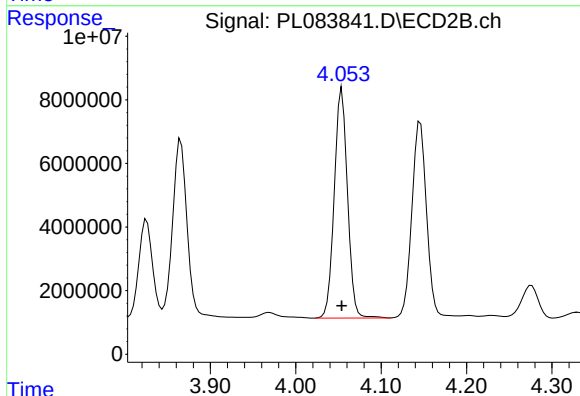
#7 delta-BHC

R.T.: 4.712 min
Delta R.T.: 0.002 min
Response: 132340729
Conc: 49.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

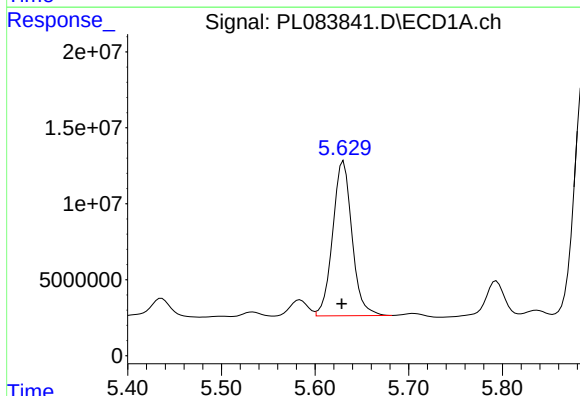
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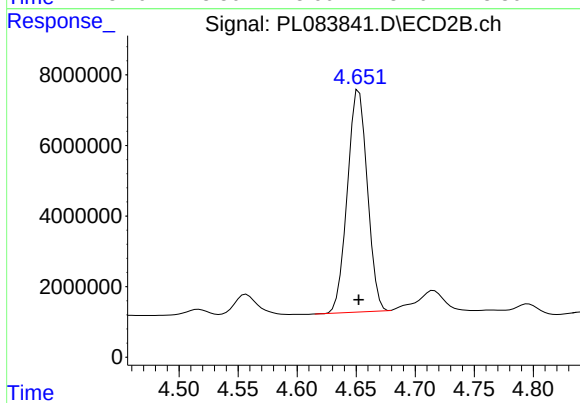
#7 delta-BHC

R.T.: 4.054 min
Delta R.T.: 0.000 min
Response: 77929774
Conc: 51.52 ng/ml



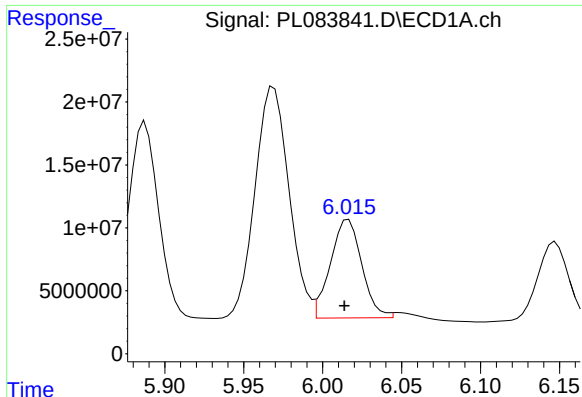
#8 Heptachlor epoxide

R.T.: 5.630 min
Delta R.T.: 0.002 min
Response: 145980009
Conc: 54.68 ng/ml



#8 Heptachlor epoxide

R.T.: 4.652 min
Delta R.T.: 0.000 min
Response: 74061364
Conc: 57.67 ng/ml



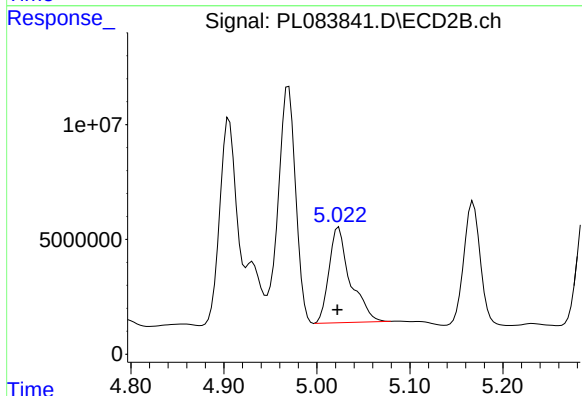
#9 Endosulfan I

R.T.: 6.016 min
Delta R.T.: 0.003 min
Response: 108369574
Conc: 45.76 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

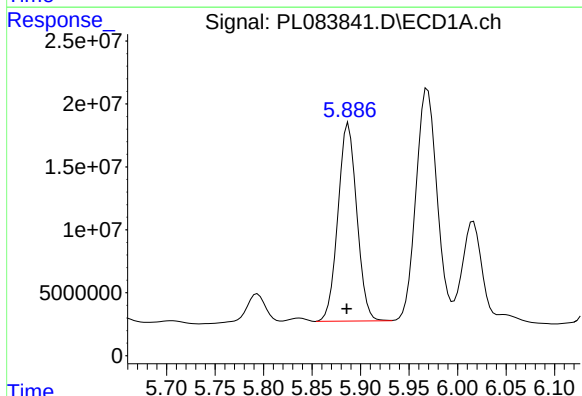
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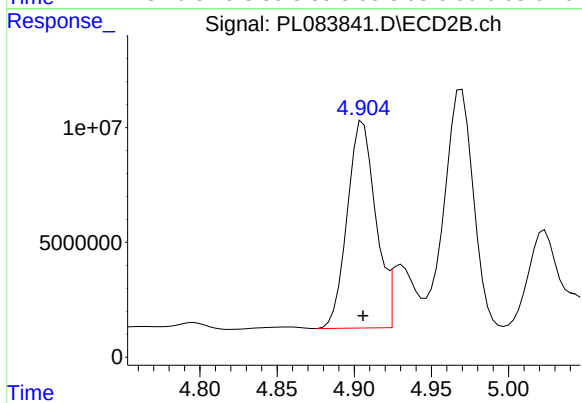
#9 Endosulfan I

R.T.: 5.024 min
Delta R.T.: 0.001 min
Response: 66048888
Conc: 53.85 ng/ml



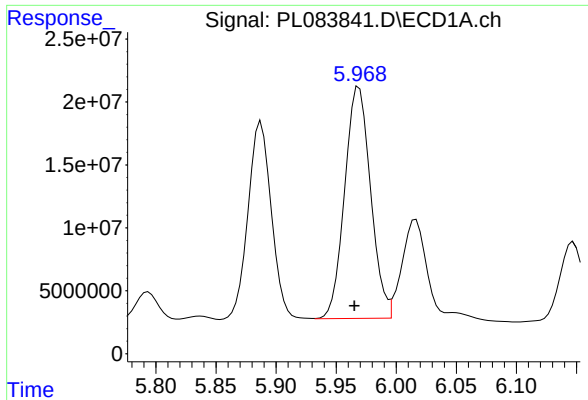
#10 gamma-Chlordane

R.T.: 5.888 min
Delta R.T.: 0.002 min
Response: 212090252
Conc: 82.14 ng/ml



#10 gamma-Chlordane

R.T.: 4.906 min
Delta R.T.: 0.000 min
Response: 115463424
Conc: 86.67 ng/ml



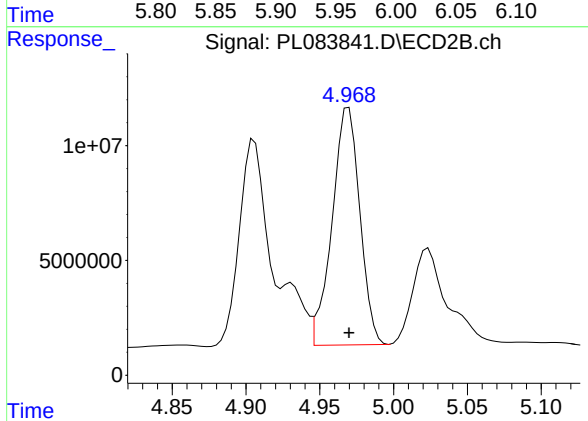
#11 alpha-Chlordane

R.T.: 5.969 min
Delta R.T.: 0.004 min
Response: 276926605
Conc: 108.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

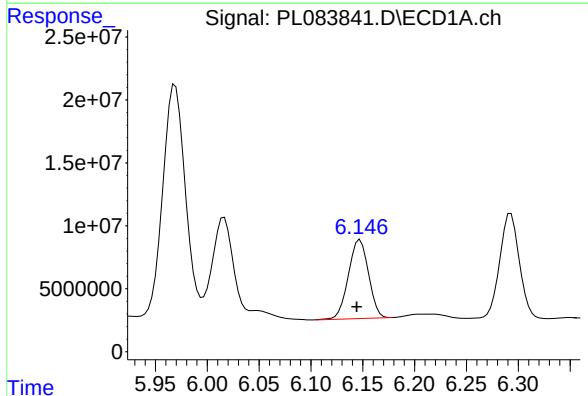
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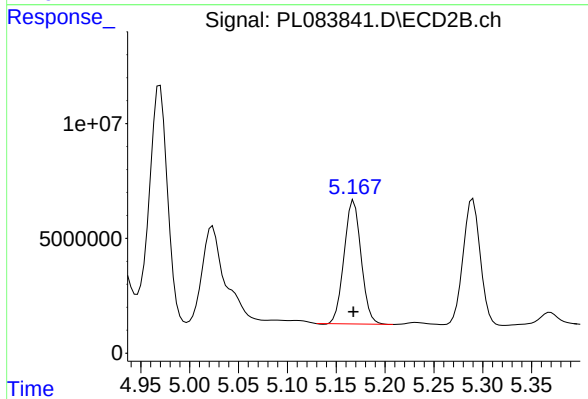
#11 alpha-Chlordane

R.T.: 4.970 min
Delta R.T.: 0.000 min
Response: 135330156
Conc: 100.46 ng/ml



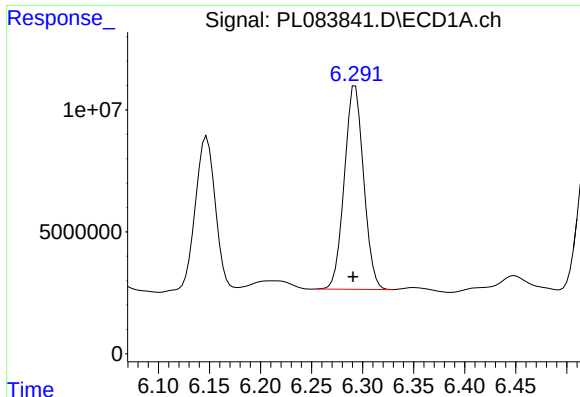
#12 4,4'-DDE

R.T.: 6.147 min
Delta R.T.: 0.003 min
Response: 84516895
Conc: 42.01 ng/ml



#12 4,4'-DDE

R.T.: 5.168 min
Delta R.T.: 0.000 min
Response: 65402962
Conc: 53.24 ng/ml



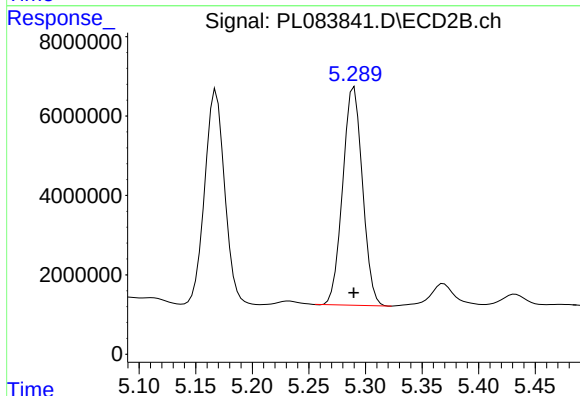
#13 Dieldrin

R.T.: 6.293 min
Delta R.T.: 0.002 min
Response: 109565882
Conc: 45.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

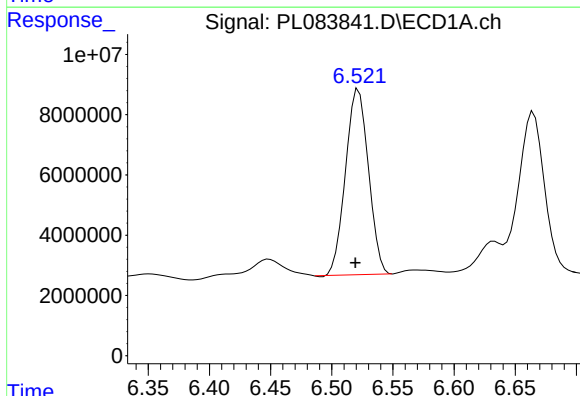
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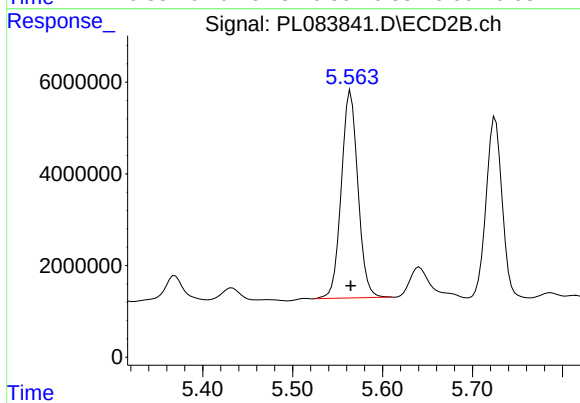
#13 Dieldrin

R.T.: 5.290 min
Delta R.T.: 0.000 min
Response: 66828927
Conc: 51.31 ng/ml



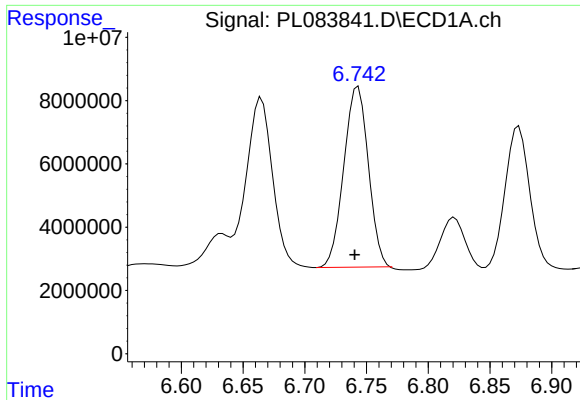
#14 Endrin

R.T.: 6.522 min
Delta R.T.: 0.003 min
Response: 80328856
Conc: 42.18 ng/ml



#14 Endrin

R.T.: 5.565 min
Delta R.T.: 0.000 min
Response: 58040880
Conc: 52.80 ng/ml



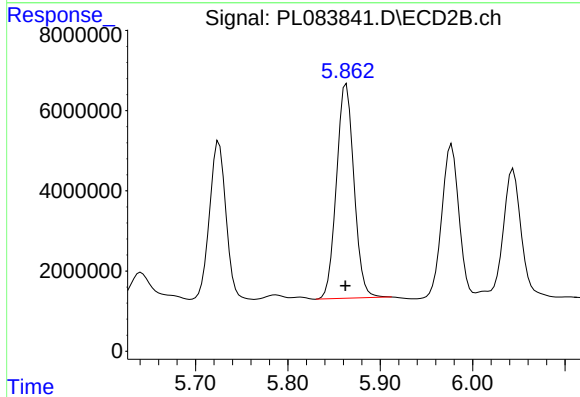
#15 Endosulfan II

R.T.: 6.743 min
Delta R.T.: 0.003 min
Response: 78306459
Conc: 41.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

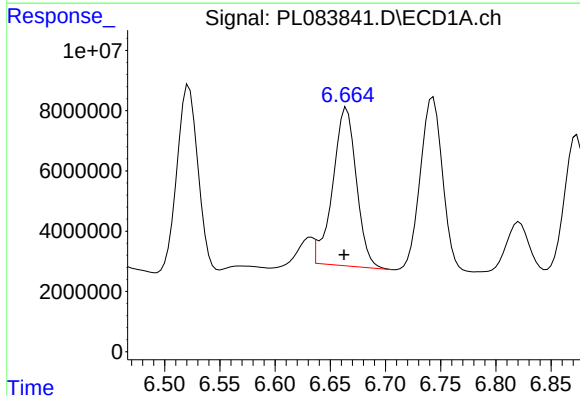
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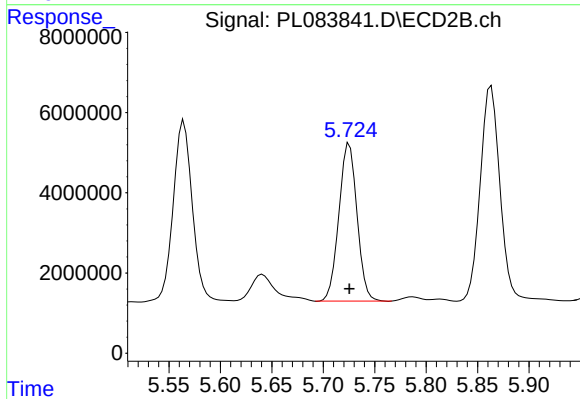
#15 Endosulfan II

R.T.: 5.863 min
Delta R.T.: 0.000 min
Response: 70520211
Conc: 61.36 ng/ml



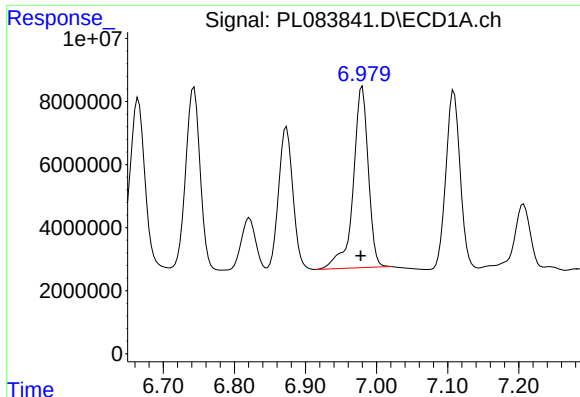
#16 4,4'-DDD

R.T.: 6.664 min
Delta R.T.: 0.000 min
Response: 77727447
Conc: 52.93 ng/ml m



#16 4,4'-DDD

R.T.: 5.725 min
Delta R.T.: 0.000 min
Response: 48330953
Conc: 50.38 ng/ml



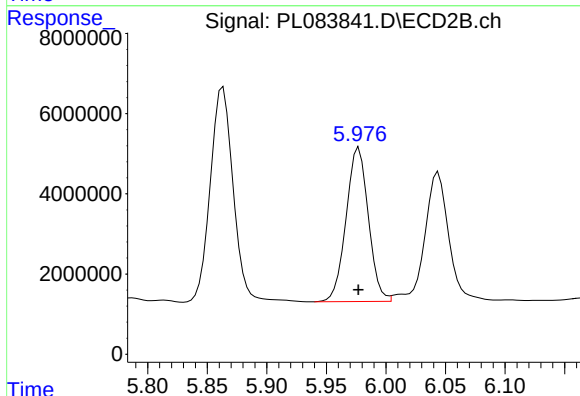
#17 4,4'-DDT

R.T.: 6.980 min
Delta R.T.: 0.002 min
Response: 84196326
Conc: 52.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

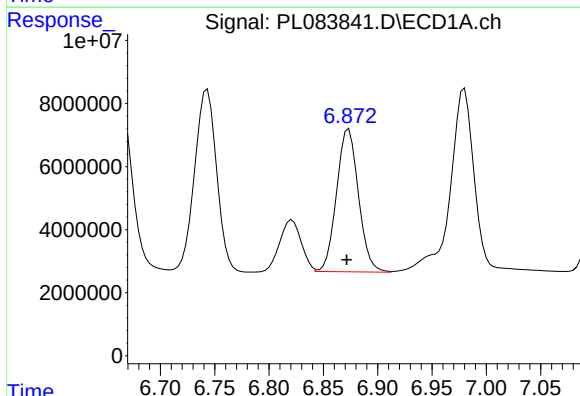
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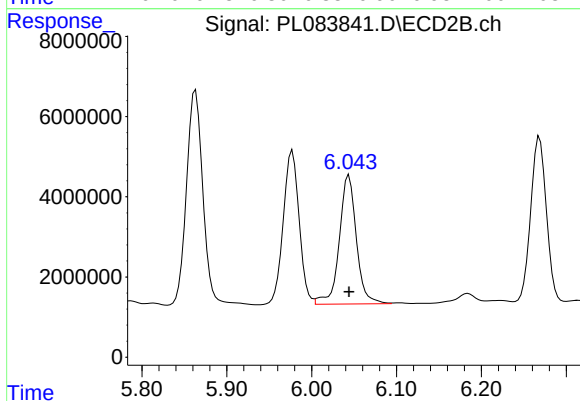
#17 4,4'-DDT

R.T.: 5.977 min
Delta R.T.: 0.000 min
Response: 49988258
Conc: 54.88 ng/ml



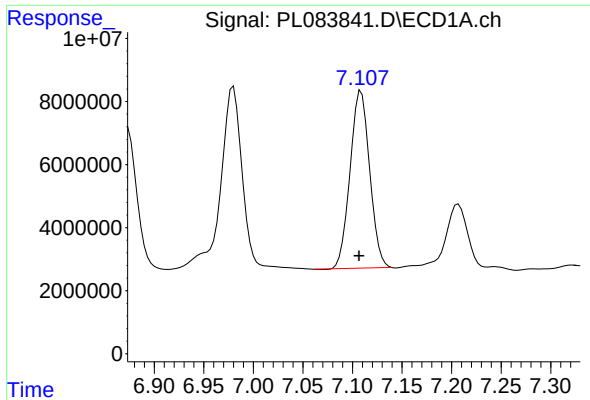
#18 Endrin aldehyde

R.T.: 6.872 min
Delta R.T.: 0.000 min
Response: 63628676
Conc: 43.43 ng/ml m



#18 Endrin aldehyde

R.T.: 6.044 min
Delta R.T.: 0.000 min
Response: 44947053
Conc: 50.00 ng/ml



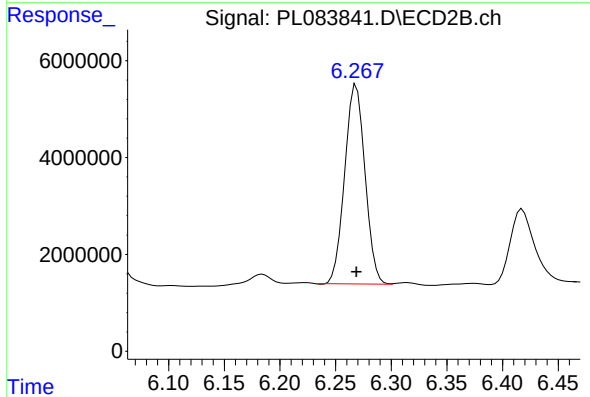
#19 Endosulfan Sulfate

R.T.: 7.109 min
Delta R.T.: 0.002 min
Response: 77424781
Conc: 44.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

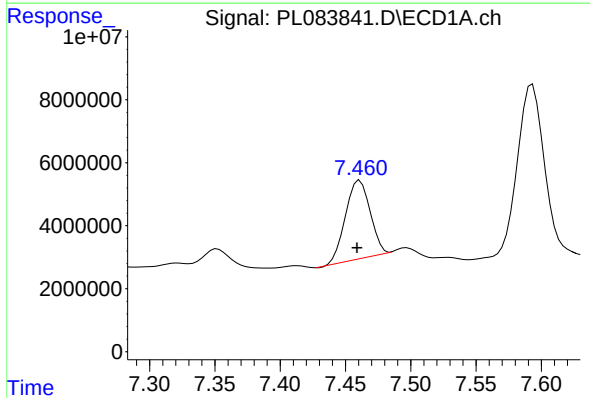
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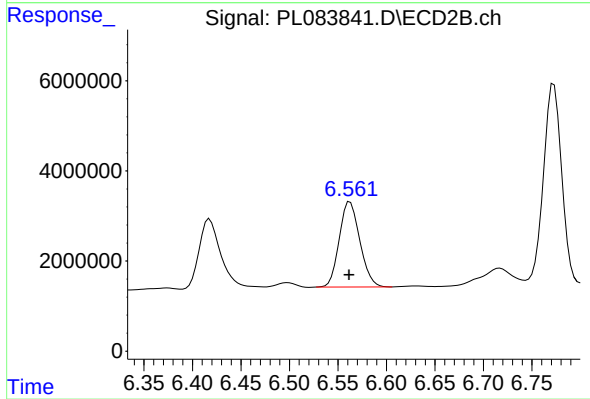
#19 Endosulfan Sulfate

R.T.: 6.269 min
Delta R.T.: 0.000 min
Response: 52269249
Conc: 47.56 ng/ml



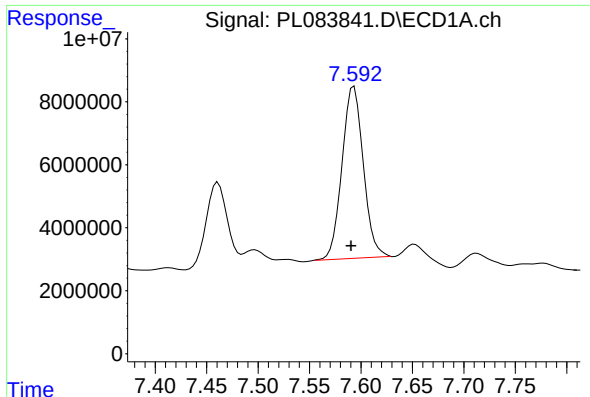
#20 Methoxychlor

R.T.: 7.461 min
Delta R.T.: 0.002 min
Response: 32462542
Conc: 41.50 ng/ml



#20 Methoxychlor

R.T.: 6.562 min
Delta R.T.: 0.000 min
Response: 27921771
Conc: 58.26 ng/ml



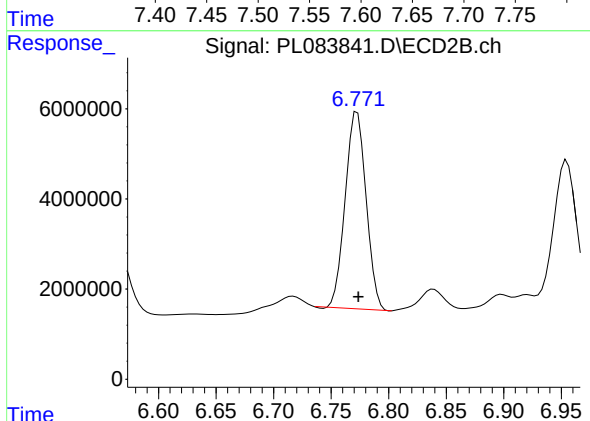
#21 Endrin ketone

R.T.: 7.593 min
Delta R.T.: 0.003 min
Response: 78776827
Conc: 44.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

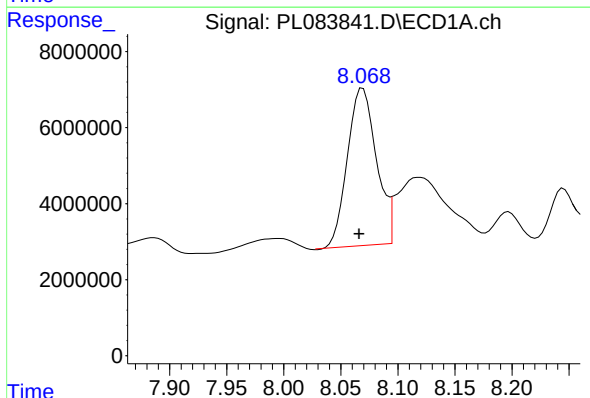
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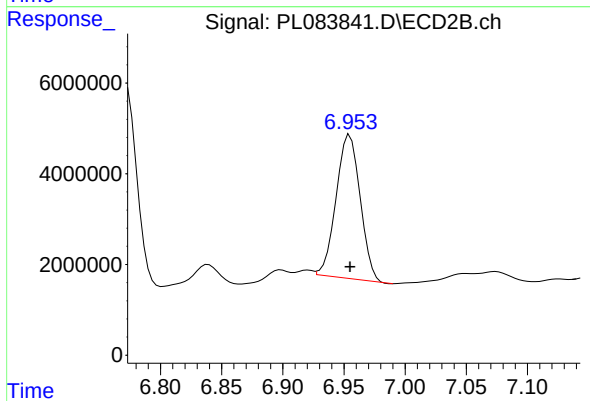
#21 Endrin ketone

R.T.: 6.773 min
Delta R.T.: -0.001 min
Response: 55510966
Conc: 42.96 ng/ml



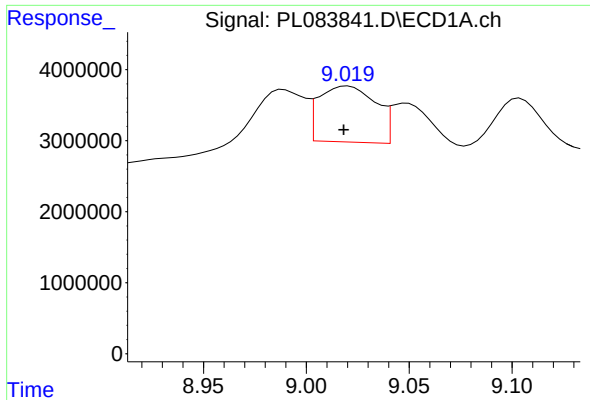
#22 Mirex

R.T.: 8.068 min
Delta R.T.: 0.002 min
Response: 74315588
Conc: 51.93 ng/ml m



#22 Mirex

R.T.: 6.955 min
Delta R.T.: 0.000 min
Response: 43493342
Conc: 42.61 ng/ml



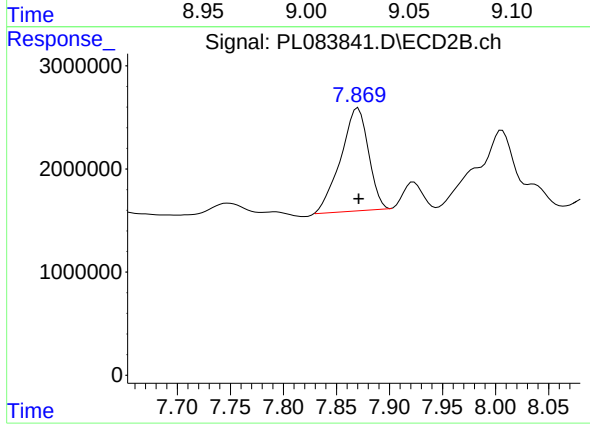
#28 Decachlorobiphenyl

R.T.: 9.020 min
Delta R.T.: 0.002 min
Response: 15124106
Conc: 11.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-225MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/13/2023
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#28 Decachlorobiphenyl

R.T.: 7.870 min
Delta R.T.: 0.000 min
Response: 18123477
Conc: 16.31 ng/ml