

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
 Data File : PL074675.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 12 May 2022 23:50
 Operator : AR\AJ
 Sample : N2795-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 VNJ-239MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 05/16/2022
 Supervised By : mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 13 03:11:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 16:19:10 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...	5.647	4.653	10227238	24809722	20.143	18.076
28)	SA Decachlor...	11.648	10.404	9432954	18629902	21.122	18.150
Target Compounds							
2)	A alpha-BHC	6.231	5.355	44034039	101.6E6	64.363	60.393
3)	MA gamma-BHC...	6.629	5.775	42539152	95990488	65.901	58.092
4)	MA Heptachlor	7.283	6.186	41592481	87965485	64.447	57.954
5)	MB Aldrin	7.656	6.510	58660024	92497310	94.692	61.646 #
6)	B beta-BHC	6.879	6.152	18390632	42479045	61.620	53.502
7)	B delta-BHC	7.151	6.413	40379875	93592417	64.397	59.853
8)	B Heptachlo...	8.125	7.084	105.1E6	157.0E6	184.762	112.831 #
9)	A Endosulfan I	8.533	7.485	34622150	106.9E6	60.056	85.434 #
10)	B gamma-Chl...	8.396	7.361	247.9E6	479.5E6	479.216	346.028 #
11)	B alpha-Chl...	8.479	7.430	378.2E6	689.1E6	587.073	509.741
12)	B 4,4'-DDE	8.663	7.642	57028111	130.0E6	123.190	110.466
13)	MA Dieldrin	8.825	7.771	40360707	86957393	76.789	68.260
14)	MA Endrin	9.066	8.062	27858883	70523196	67.510	66.764
15)	B Endosulfa...	9.299	8.373	33974449	120.4E6	77.284	106.630 #
16)	A 4,4'-DDD	9.206	8.225	34561425	58543623	76.442	59.427
17)	MA 4,4'-DDT	9.525	8.487	35232477	69635804	74.132	69.600
18)	B Endrin al...	9.435	8.559	25658353	48684508	70.417	60.956
19)	B Endosulfa...	9.673	8.789	31395506	62642291	69.463	57.547
20)	A Methoxychlor	10.011	9.081	15535792	35265327	63.434	60.345
21)	B Endrin ke...	10.175	9.307	30127119	63902722	58.746	57.318
22)	Mirex	10.650	9.497	24539823	51172449	60.816	52.832

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051222\
Data File : PL074675.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 12 May 2022 23:50
Operator : AR\AJ
Sample : N2795-02MSD
Misc :
ALS Vial : 21 Sample Multiplier: 1

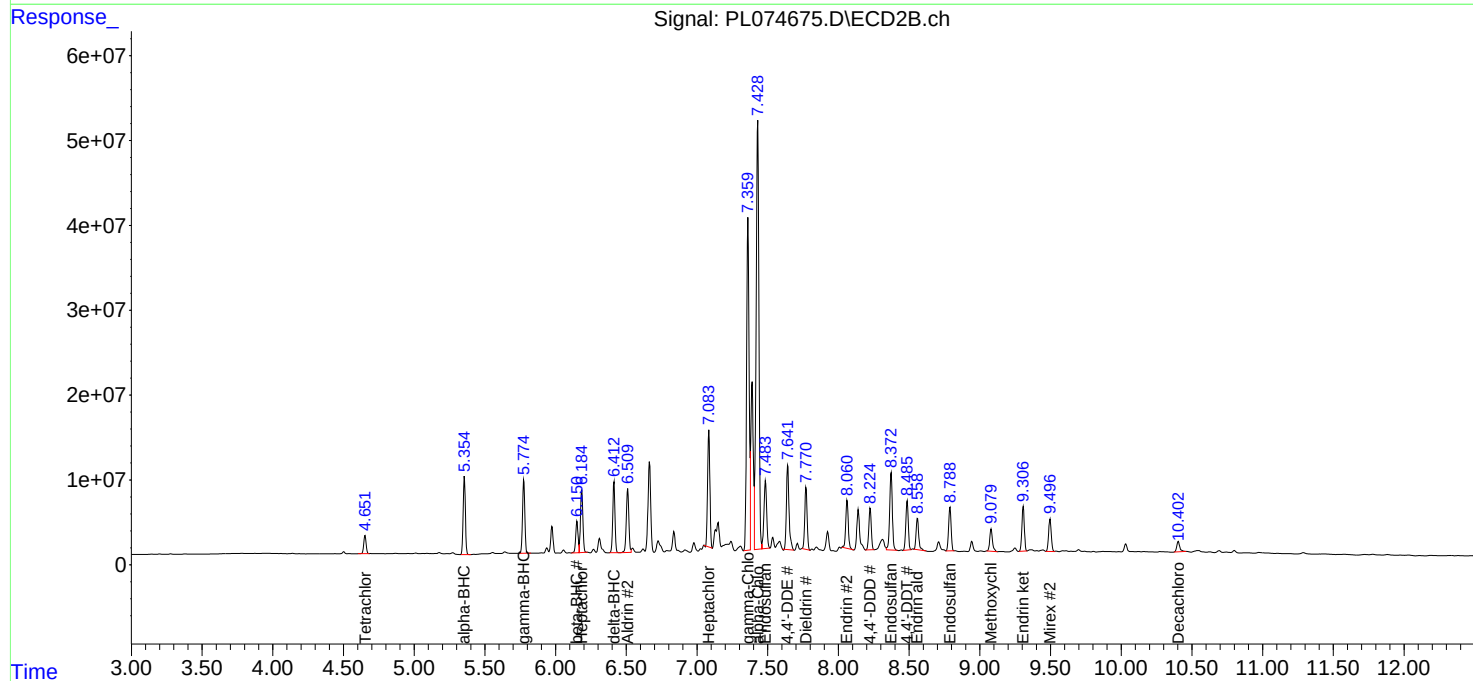
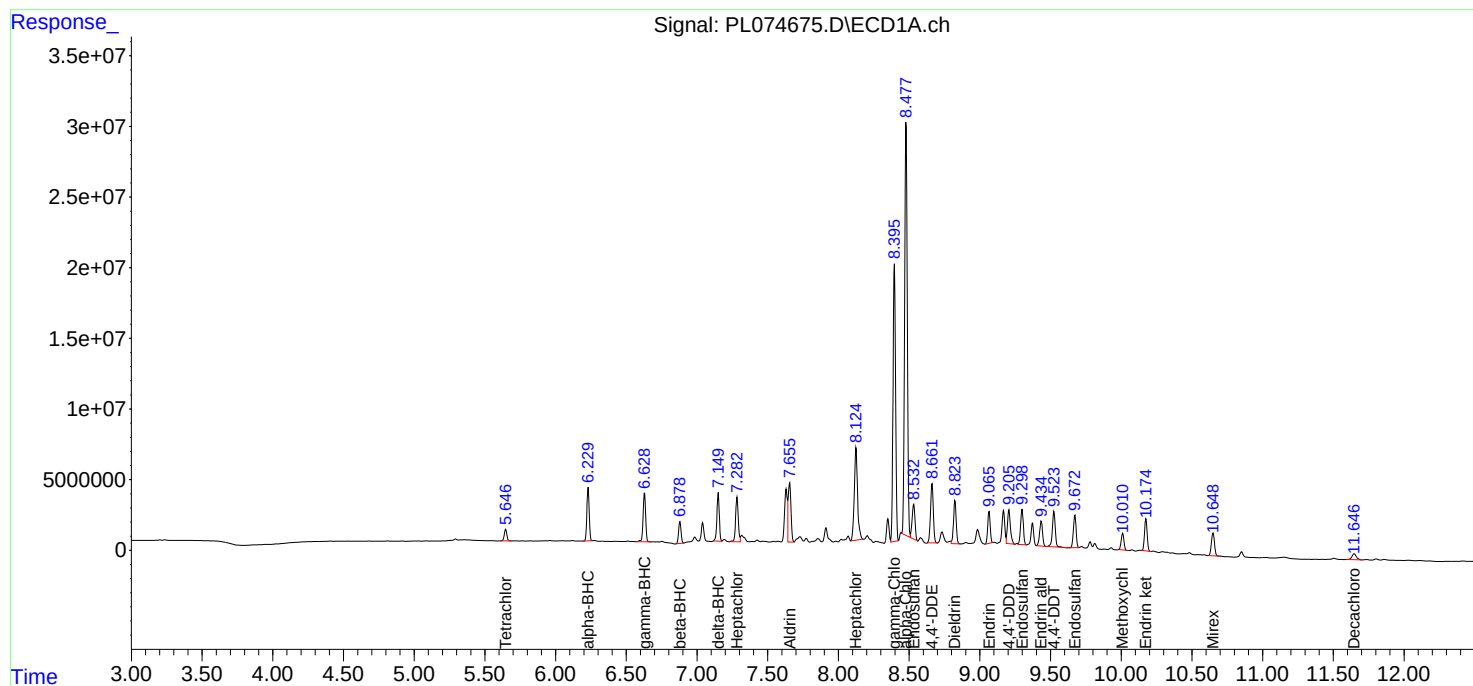
Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

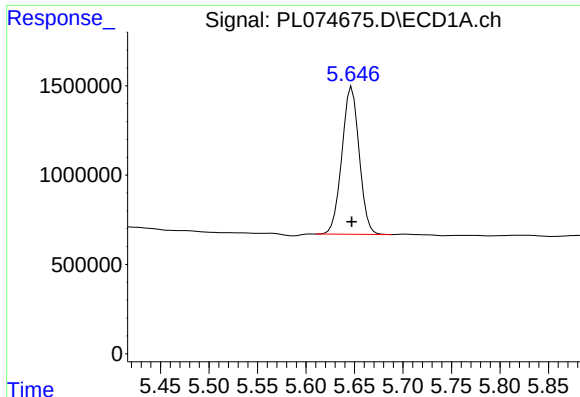
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: May 13 03:11:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
Quant Title : GC Extractables
QLast Update : Wed May 11 16:19:10 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.: 5.647 min
Delta R.T.: 0.000 min
Response: 10227238
Conc: 20.14 ng/ml

Instrument :

ECD_L

ClientSampleId :

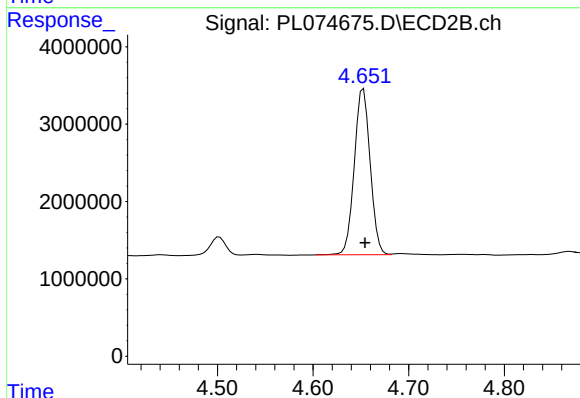
VNJ-239MSD

Manual Integrations

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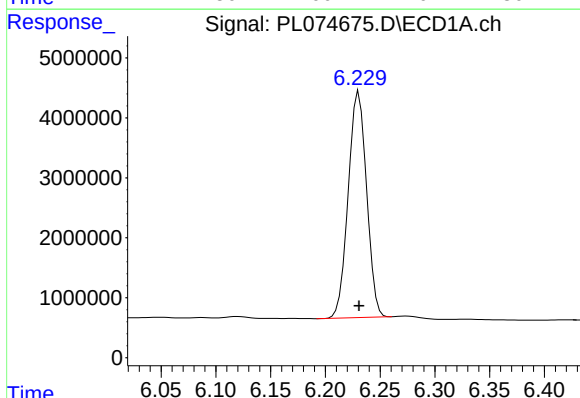
Reviewed By :Abdul Mirza 05/16/2022

Supervised By :mohammad ahmed 05/16/2022



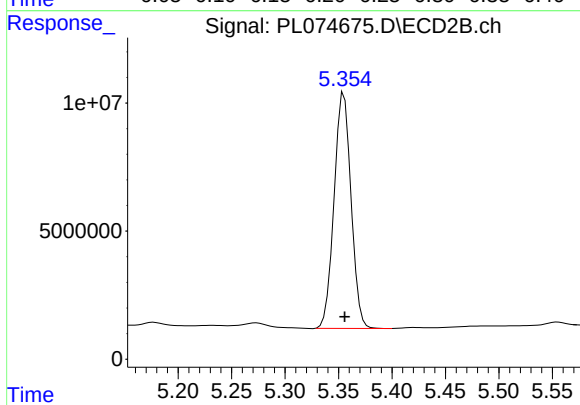
#1 Tetrachloro-m-xylene

R.T.: 4.653 min
Delta R.T.: -0.002 min
Response: 24809722
Conc: 18.08 ng/ml



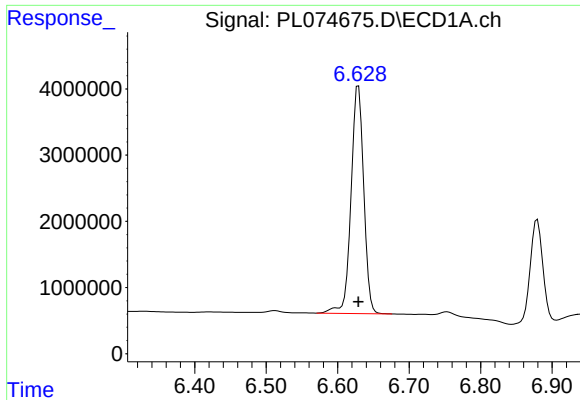
#2 alpha-BHC

R.T.: 6.231 min
Delta R.T.: 0.000 min
Response: 44034039
Conc: 64.36 ng/ml



#2 alpha-BHC

R.T.: 5.355 min
Delta R.T.: 0.000 min
Response: 101635176
Conc: 60.39 ng/ml



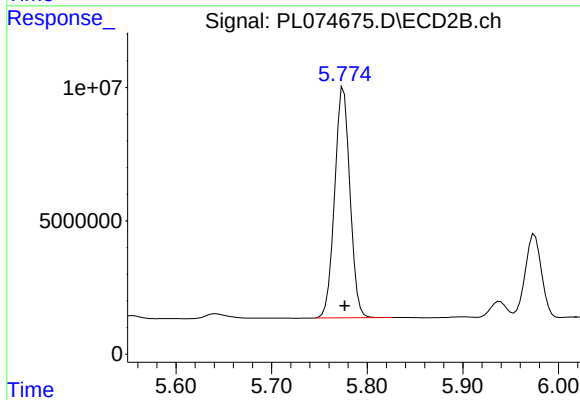
#3 gamma-BHC (Lindane)

R.T.: 6.629 min
Delta R.T.: 0.000 min
Response: 42539152
Conc: 65.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

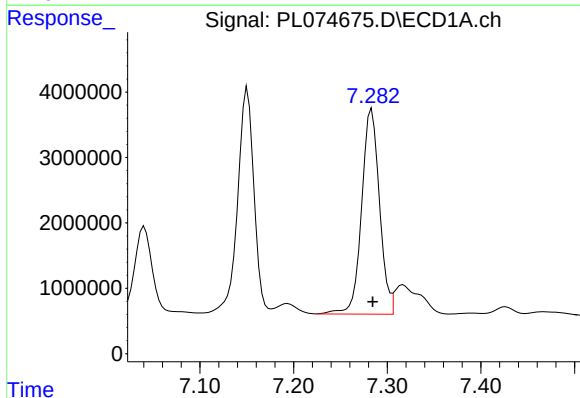
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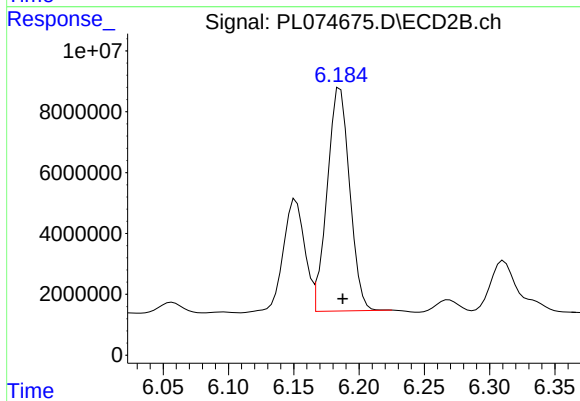
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.001 min
Response: 95990488
Conc: 58.09 ng/ml



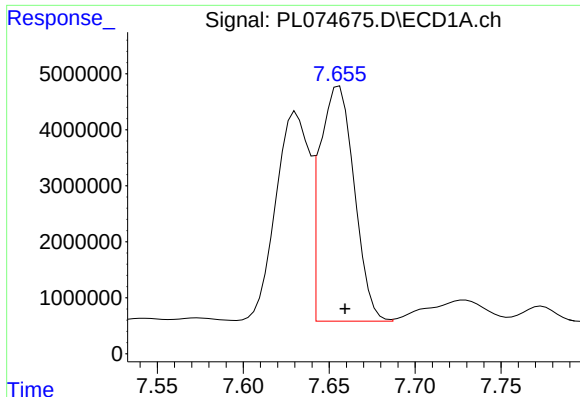
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: 0.000 min
Response: 41592481
Conc: 64.45 ng/ml



#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.002 min
Response: 87965485
Conc: 57.95 ng/ml



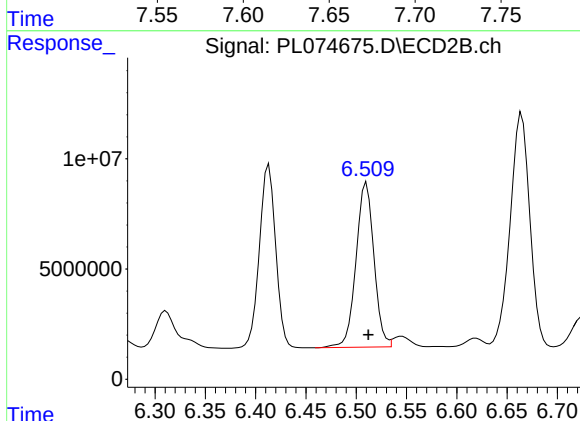
#5 Aldrin

R.T.: 7.656 min
Delta R.T.: -0.003 min
Response: 58660024
Conc: 94.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

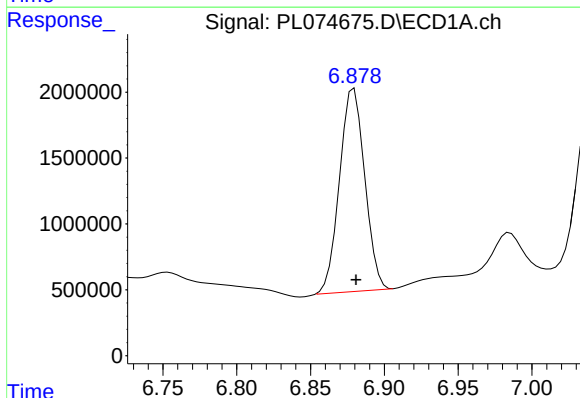
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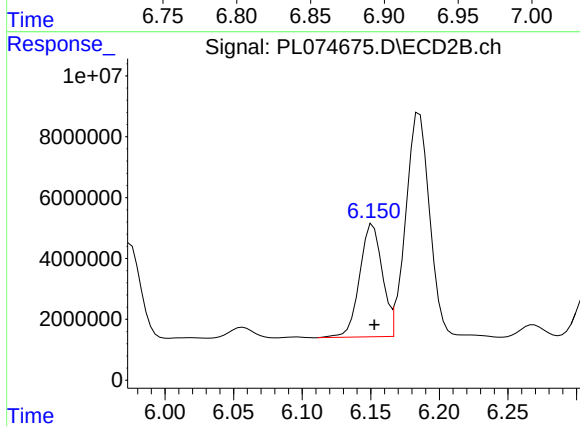
#5 Aldrin

R.T.: 6.510 min
Delta R.T.: -0.002 min
Response: 92497310
Conc: 61.65 ng/ml



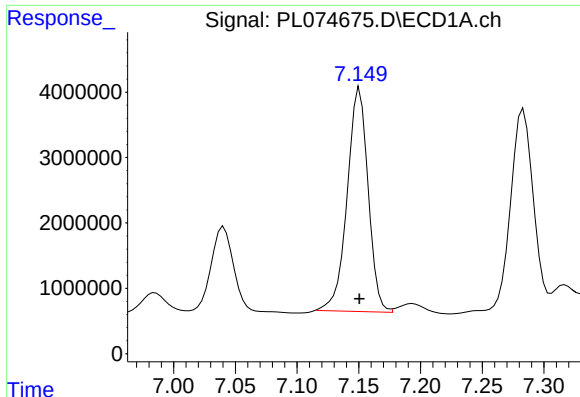
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.001 min
Response: 18390632
Conc: 61.62 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.001 min
Response: 42479045
Conc: 53.50 ng/ml



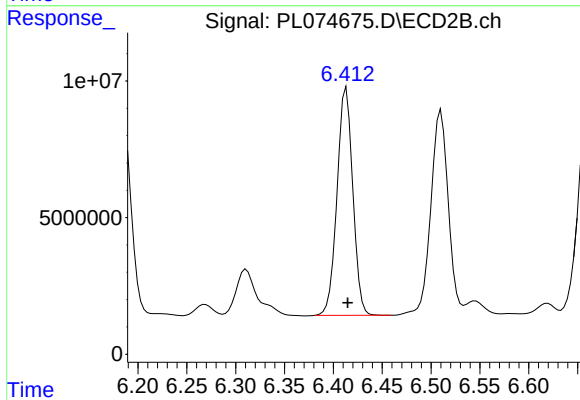
#7 delta-BHC

R.T.: 7.151 min
Delta R.T.: 0.000 min
Response: 40379875
Conc: 64.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

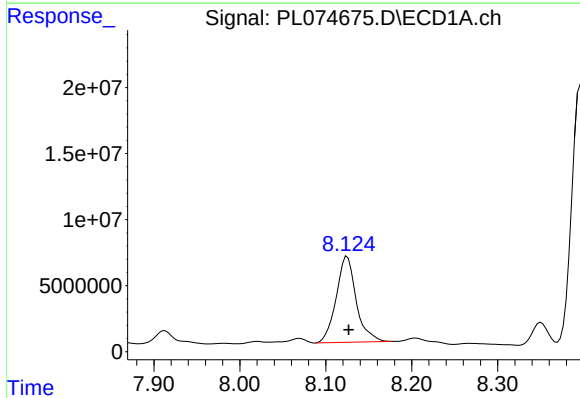
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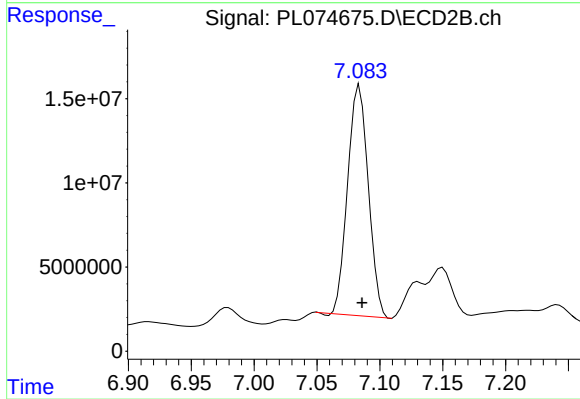
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.001 min
Response: 93592417
Conc: 59.85 ng/ml



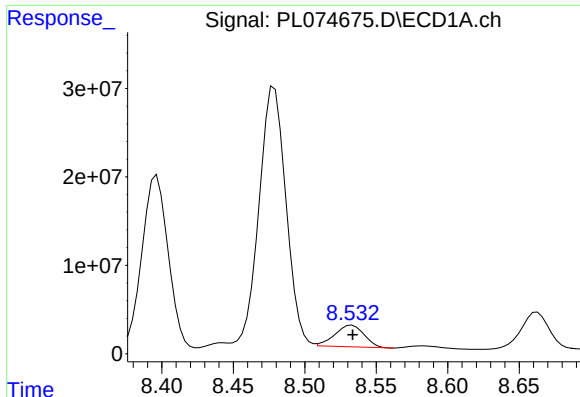
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 105082512
Conc: 184.76 ng/ml



#8 Heptachlor epoxide

R.T.: 7.084 min
Delta R.T.: -0.002 min
Response: 157036901
Conc: 112.83 ng/ml



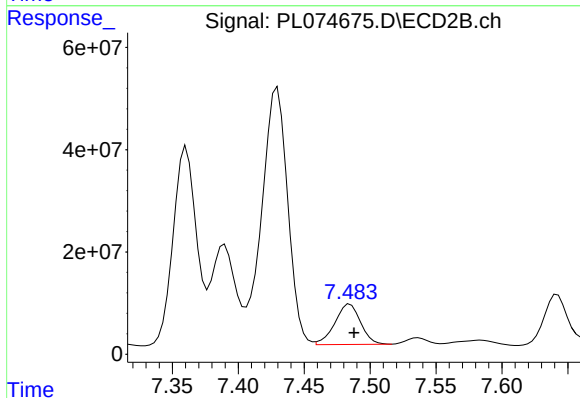
#9 Endosulfan I

R.T.: 8.533 min
Delta R.T.: 0.000 min
Response: 34622150
Conc: 60.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

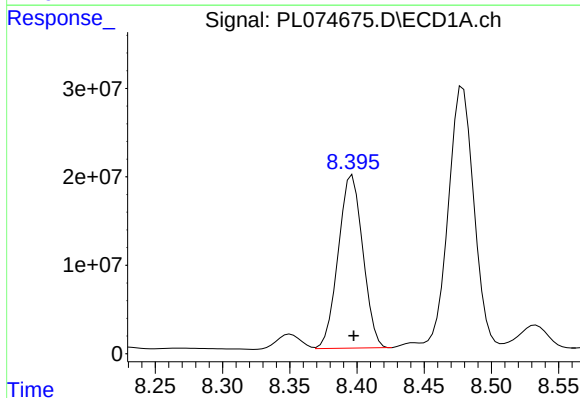
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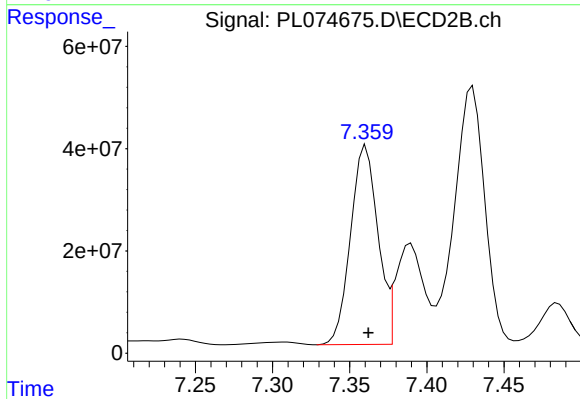
#9 Endosulfan I

R.T.: 7.485 min
Delta R.T.: -0.003 min
Response: 106890368
Conc: 85.43 ng/ml



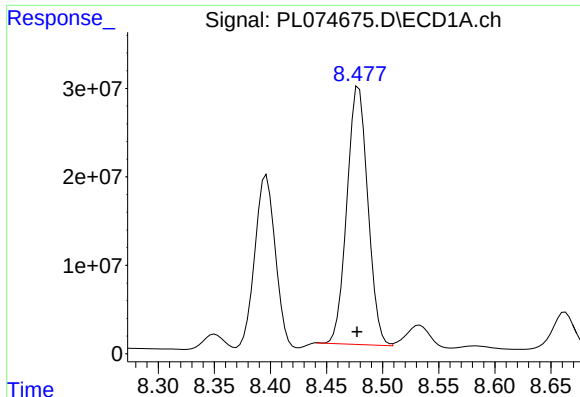
#10 gamma-Chlordane

R.T.: 8.396 min
Delta R.T.: -0.001 min
Response: 247875659
Conc: 479.22 ng/ml



#10 gamma-Chlordane

R.T.: 7.361 min
Delta R.T.: -0.001 min
Response: 479537445
Conc: 346.03 ng/ml



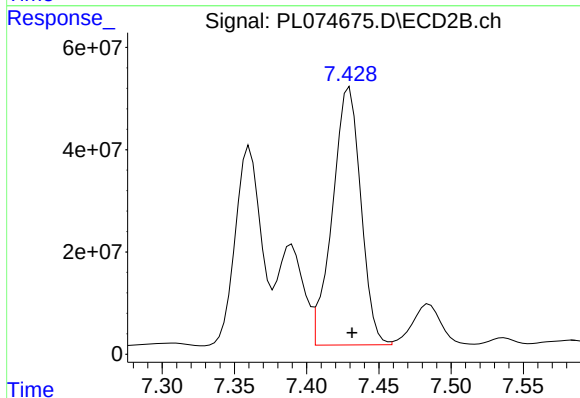
#11 alpha-Chlordane

R.T.: 8.479 min
Delta R.T.: 0.002 min
Response: 378210743
Conc: 587.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

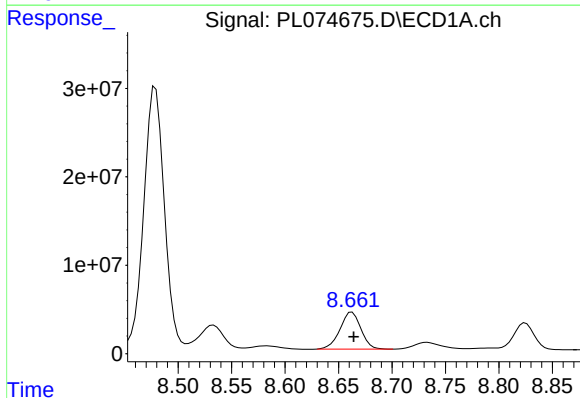
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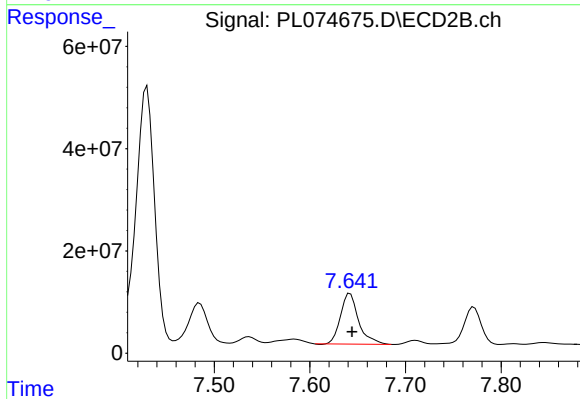
#11 alpha-Chlordane

R.T.: 7.430 min
Delta R.T.: -0.002 min
Response: 689083133
Conc: 509.74 ng/ml



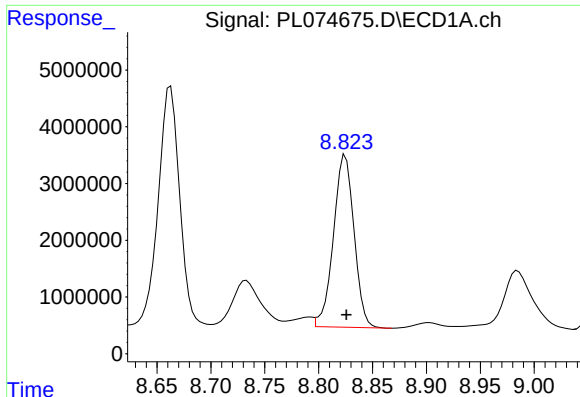
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.002 min
Response: 57028111
Conc: 123.19 ng/ml



#12 4,4'-DDE

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 129985746
Conc: 110.47 ng/ml



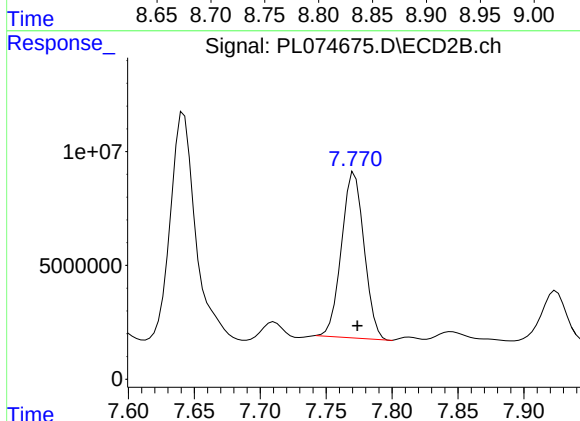
#13 Dieldrin

R.T.: 8.825 min
Delta R.T.: -0.001 min
Response: 40360707
Conc: 76.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

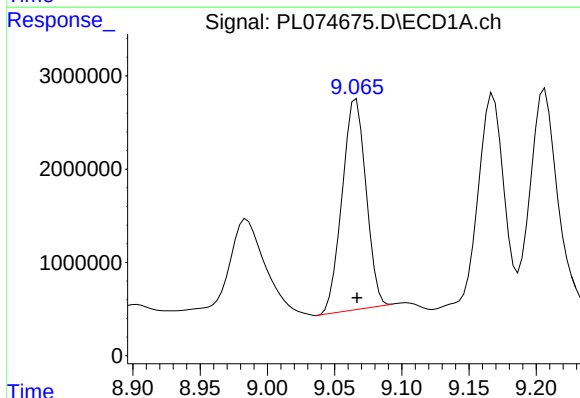
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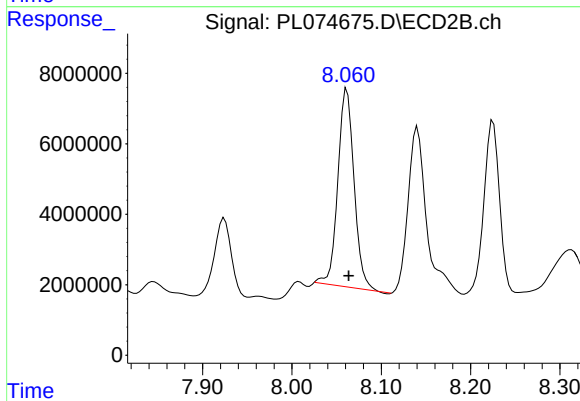
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.002 min
Response: 86957393
Conc: 68.26 ng/ml



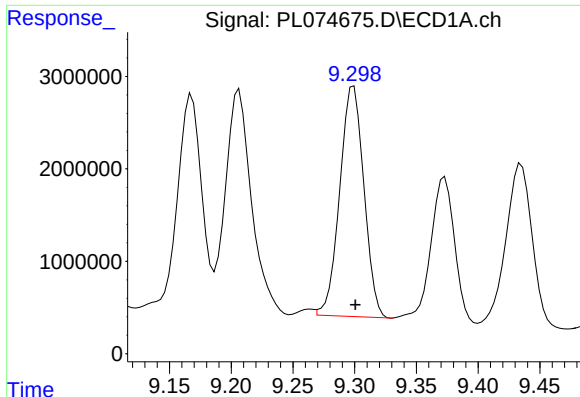
#14 Endrin

R.T.: 9.066 min
Delta R.T.: 0.000 min
Response: 27858883
Conc: 67.51 ng/ml



#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.002 min
Response: 70523196
Conc: 66.76 ng/ml



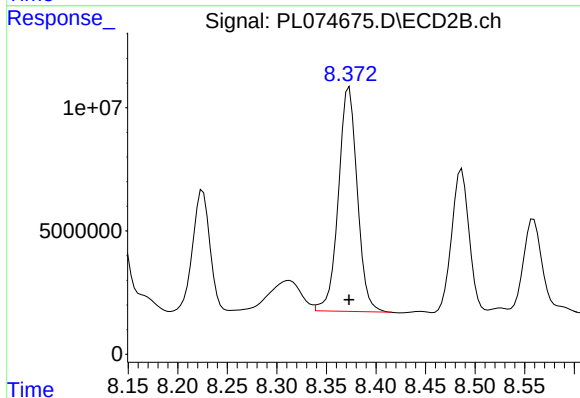
#15 Endosulfan II

R.T.: 9.299 min
Delta R.T.: -0.001 min
Response: 33974449
Conc: 77.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

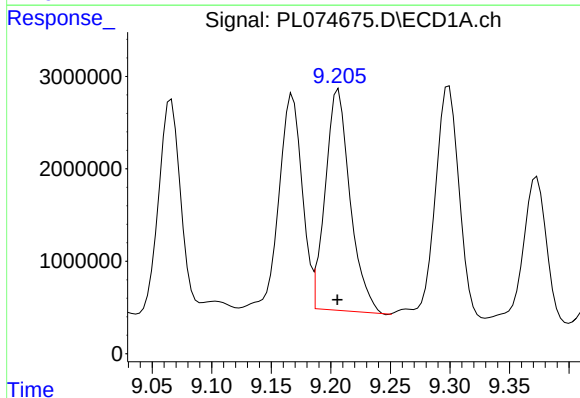
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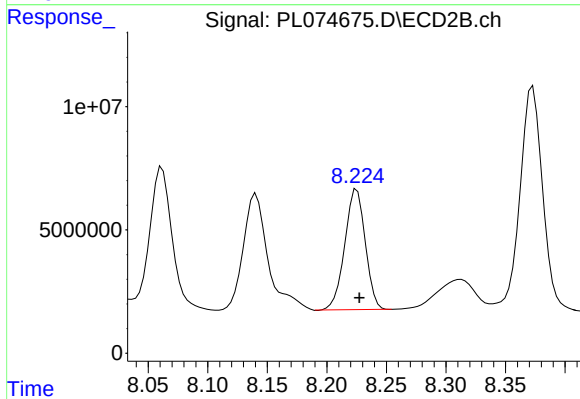
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: 0.000 min
Response: 120449711
Conc: 106.63 ng/ml



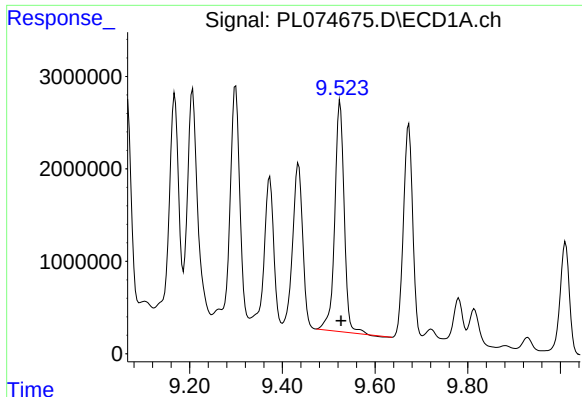
#16 4,4'-DDD

R.T.: 9.206 min
Delta R.T.: 0.000 min
Response: 34561425
Conc: 76.44 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.002 min
Response: 58543623
Conc: 59.43 ng/ml



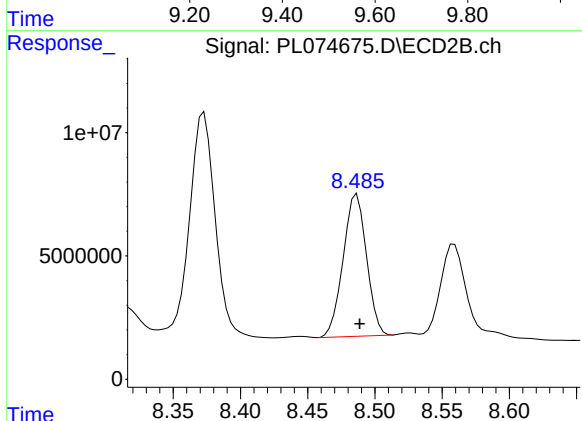
#17 4,4'-DDT

R.T.: 9.525 min
Delta R.T.: -0.002 min
Response: 35232477
Conc: 74.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

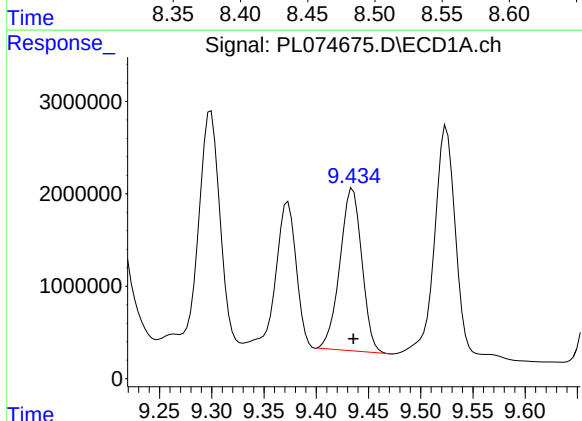
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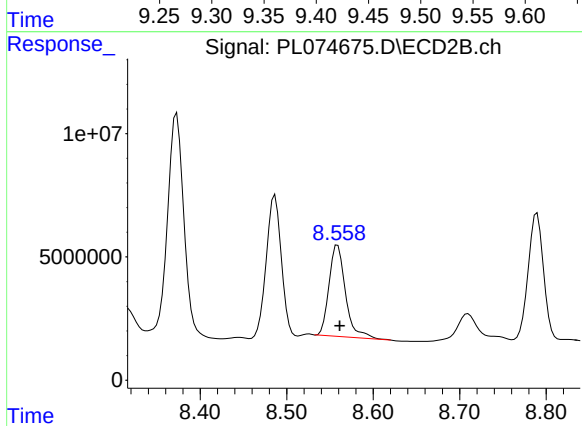
#17 4,4'-DDT

R.T.: 8.487 min
Delta R.T.: -0.002 min
Response: 69635804
Conc: 69.60 ng/ml



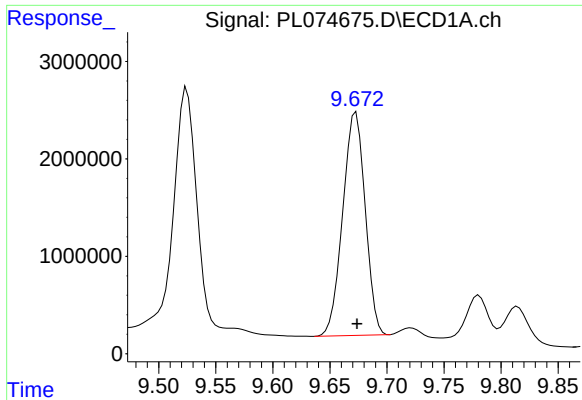
#18 Endrin aldehyde

R.T.: 9.435 min
Delta R.T.: 0.000 min
Response: 25658353
Conc: 70.42 ng/ml



#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.002 min
Response: 48684508
Conc: 60.96 ng/ml



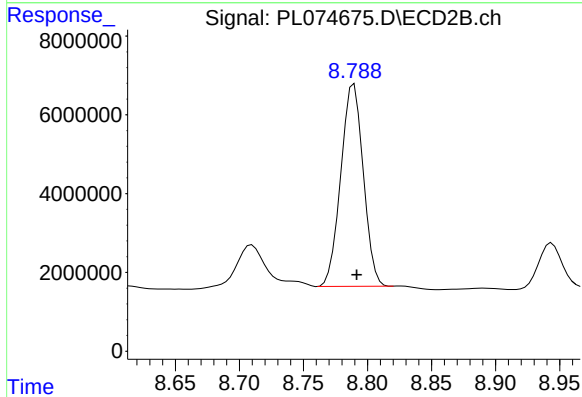
#19 Endosulfan Sulfate

R.T.: 9.673 min
Delta R.T.: 0.000 min
Response: 31395506
Conc: 69.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

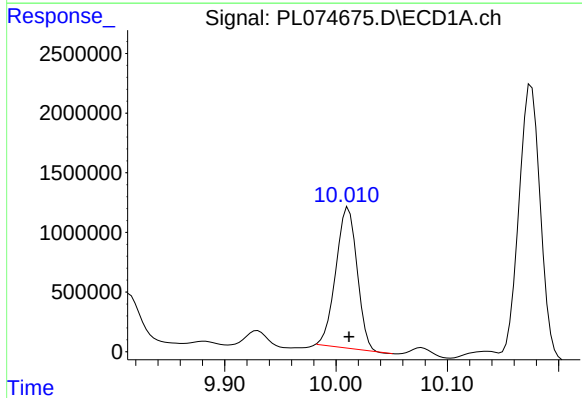
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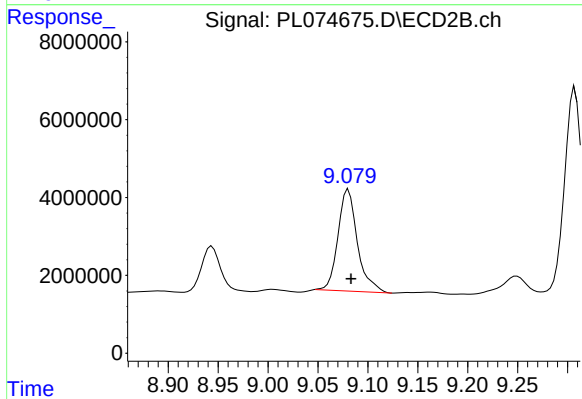
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.002 min
Response: 62642291
Conc: 57.55 ng/ml



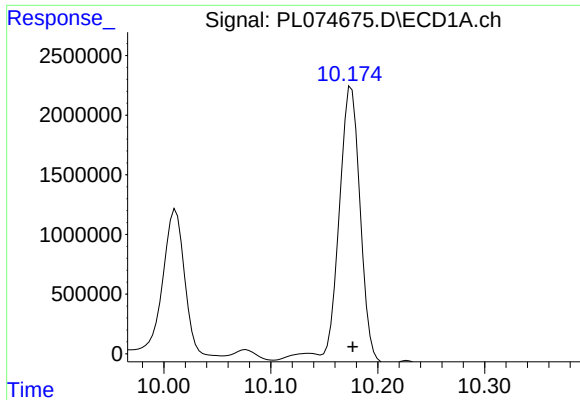
#20 Methoxychlor

R.T.: 10.011 min
Delta R.T.: 0.000 min
Response: 15535792
Conc: 63.43 ng/ml



#20 Methoxychlor

R.T.: 9.081 min
Delta R.T.: -0.003 min
Response: 35265327
Conc: 60.35 ng/ml



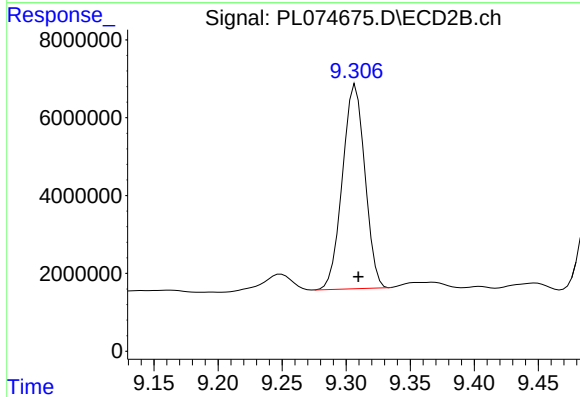
#21 Endrin ketone

R.T.: 10.175 min
Delta R.T.: -0.001 min
Response: 30127119
Conc: 58.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

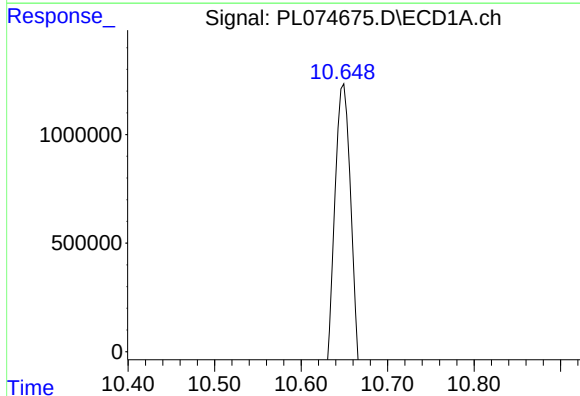
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Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



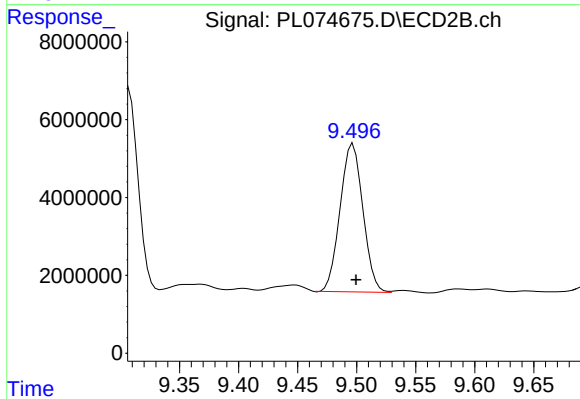
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.002 min
Response: 63902722
Conc: 57.32 ng/ml



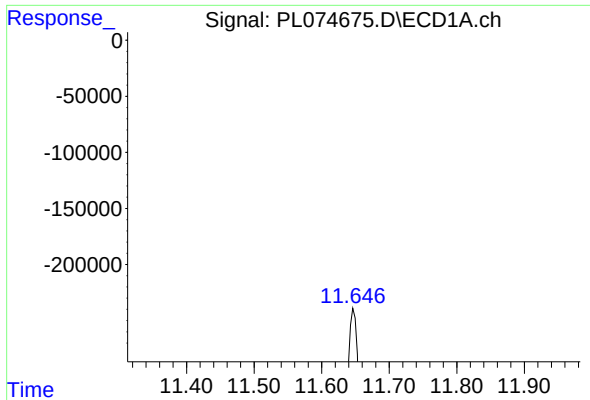
#22 Mirex

R.T.: 10.650 min
Delta R.T.: 0.000 min
Response: 24539823
Conc: 60.82 ng/ml



#22 Mirex

R.T.: 9.497 min
Delta R.T.: -0.002 min
Response: 51172449
Conc: 52.83 ng/ml



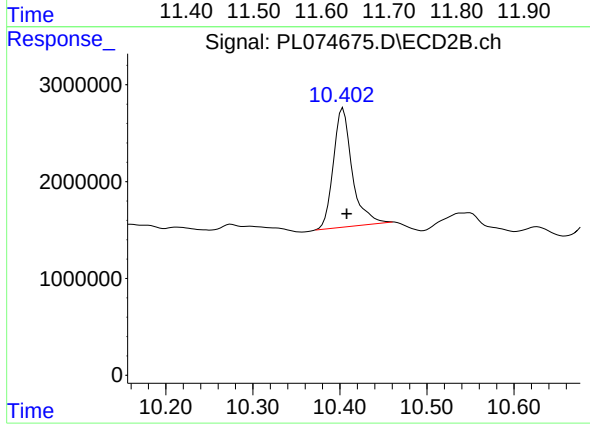
#28 Decachlorobiphenyl

R.T.: 11.648 min
Delta R.T.: -0.002 min
Response: 9432954
Conc: 21.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
VNJ-239MSD

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/16/2022
Supervised By :mohammad ahmed 05/16/2022



#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 18629902
Conc: 18.15 ng/ml