

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 02:39
 Operator : AR\AJ
 Sample : N2865-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 P018-SS001-0006-01MSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 05/19/2022
 Supervised By :mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:20:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 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...	5.645	4.651	11247883	28612266	22.153	20.847
28)	SA Decachlor...	11.645	10.404	9650027	23910929	21.609	23.296
Target Compounds							
2)	A alpha-BHC	6.229	5.354	42891695	107.9E6	62.694	64.137
3)	MA gamma-BHC...	6.628	5.775	40623644	102.1E6	62.934	61.761
4)	MA Heptachlor	7.283	6.185	40430451	97666428	62.647	64.345
5)	MB Aldrin	7.657	6.509	39300359	97724385	63.441	65.129
6)	B beta-BHC	6.879	6.152	17726365	45313677	59.394	57.072
7)	B delta-BHC	7.150	6.413	38212184	96382380	60.940	61.637
8)	B Heptachlo...	8.125	7.083	35346754	88268488	62.148	63.421
9)	A Endosulfan I	8.534	7.486	34722321	80373594	60.230	64.240
10)	B gamma-Chl...	8.394	7.360	34203258	89640878	66.125m	64.684
11)	B alpha-Chl...	8.477	7.429	37529713	88490004	61.474	65.459
12)	B 4,4'-DDE	8.663	7.641	30610876	79589174	66.124	67.638
13)	MA Dieldrin	8.823	7.771	34589836	87122993	65.809	68.390
14)	MA Endrin	9.065	8.061	28610668	75371940	69.332	71.354
15)	B Endosulfa...	9.298	8.371	30321166	75294967	68.973	66.656
16)	A 4,4'-DDD	9.205	8.225	26620197	64241998	58.878	65.211
17)	MA 4,4'-DDT	9.523	8.486	28237496	71795693	61.435m	71.759
18)	B Endrin al...	9.433	8.559	24635915	53796049	69.609	67.356
19)	B Endosulfa...	9.671	8.789	28510528	73836181	63.080	67.830
20)	A Methoxychlor	10.009	9.078	16255417	40696697	66.372	69.639m
21)	B Endrin ke...	10.174	9.307	31551725	80467692	61.524	72.176
22)	Mirex	10.647	9.496	24355027	62492978	60.358	64.519

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL051822\
 Data File : PL074817.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 19 May 2022 02:39
 Operator : AR\AJ
 Sample : N2865-03MSD
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

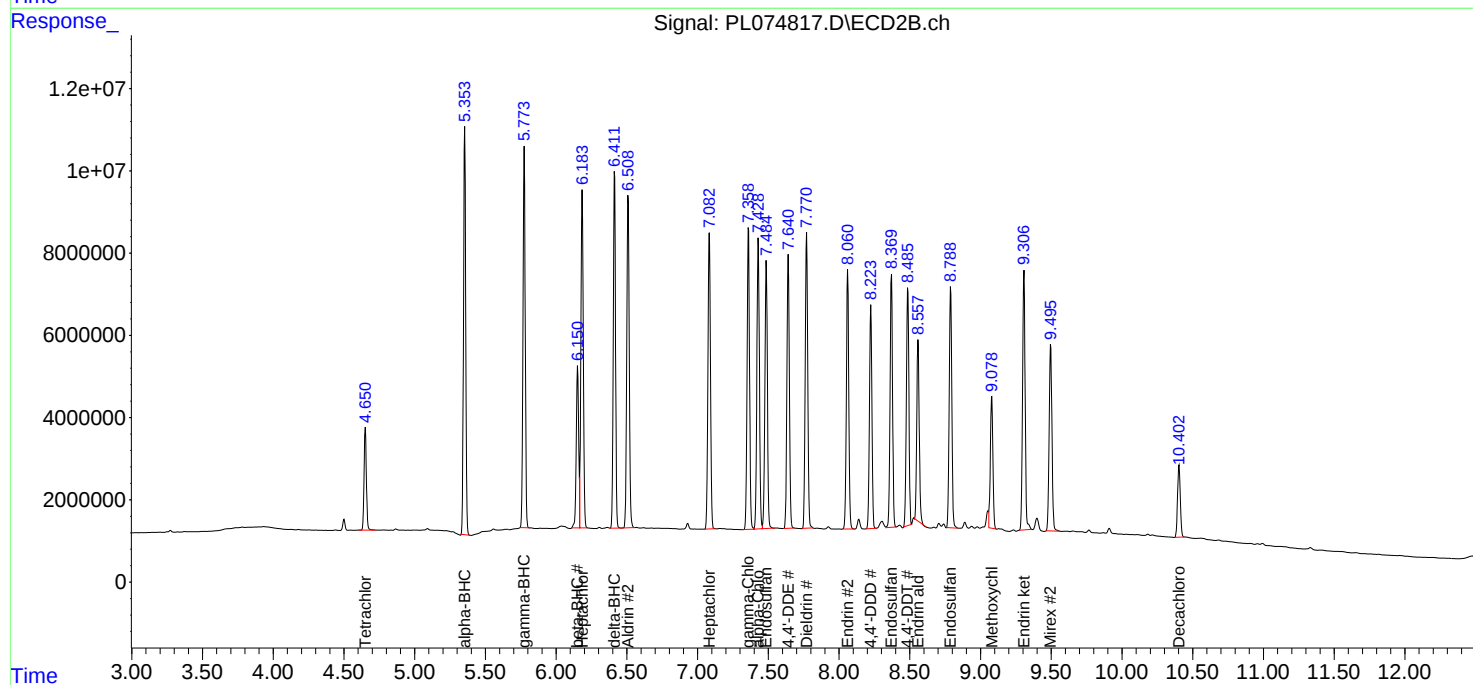
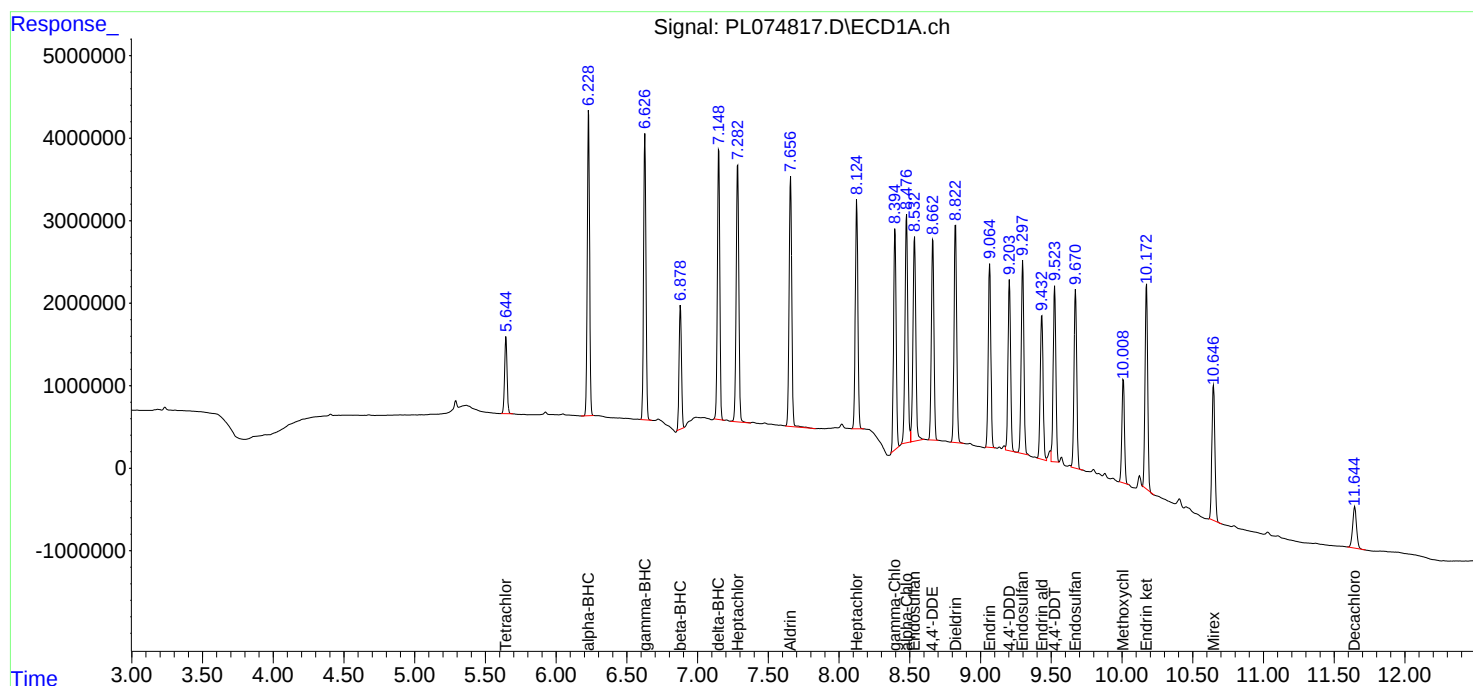
Instrument :
 ECD_L
 ClientSampleId :
 P018-SS001-0006-01MSD

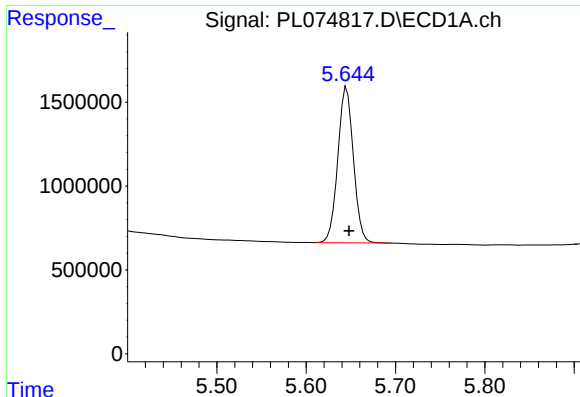
Manual Integrations APPROVED

Reviewed By : Abdul Mirza 05/19/2022
 Supervised By : mohammad ahmed 05/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: May 19 03:20:48 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL051122.M
 Quant Title : GC Extractables
 QLast Update : Sat May 14 02:37:15 2022
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Volume Inj. : 1 µl
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





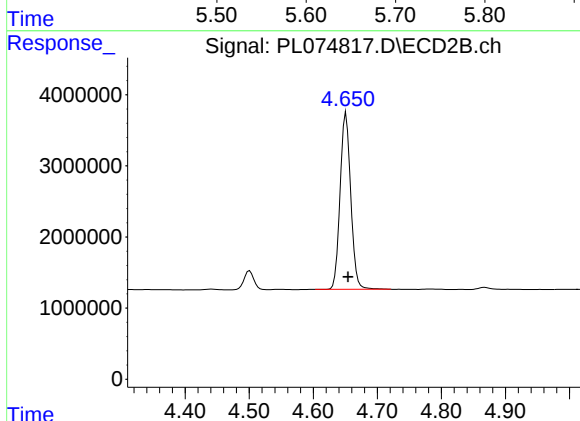
#1 Tetrachloro-m-xylene

R.T.: 5.645 min
Delta R.T.: -0.003 min
Response: 11247883
Conc: 22.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

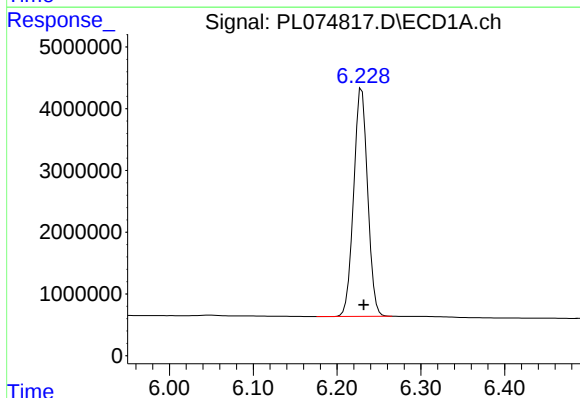
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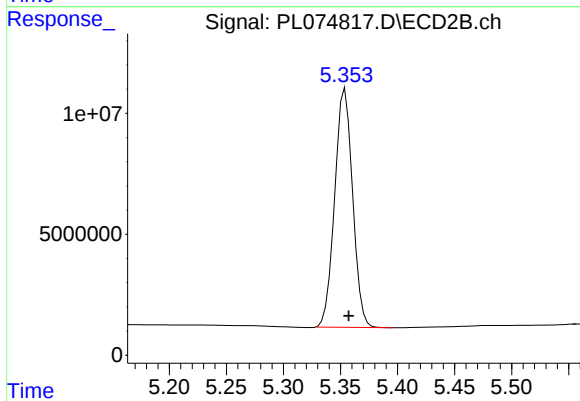
#1 Tetrachloro-m-xylene

R.T.: 4.651 min
Delta R.T.: -0.003 min
Response: 28612266
Conc: 20.85 ng/ml



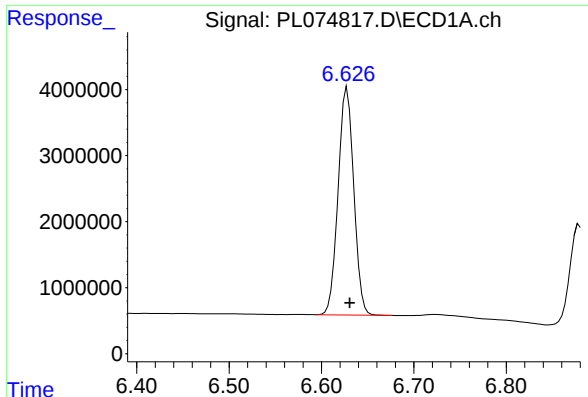
#2 alpha-BHC

R.T.: 6.229 min
Delta R.T.: -0.002 min
Response: 42891695
Conc: 62.69 ng/ml



#2 alpha-BHC

R.T.: 5.354 min
Delta R.T.: -0.003 min
Response: 107936829
Conc: 64.14 ng/ml



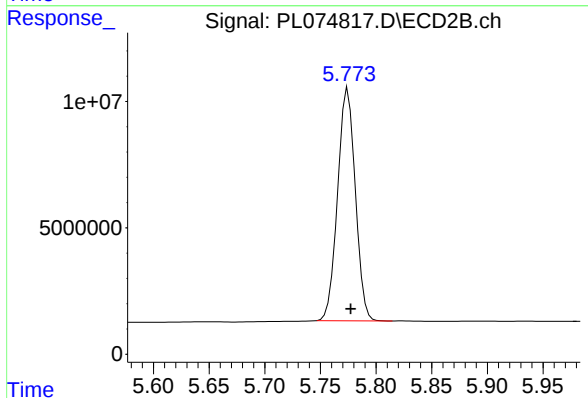
#3 gamma-BHC (Lindane)

R.T.: 6.628 min
Delta R.T.: -0.003 min
Response: 40623644
Conc: 62.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

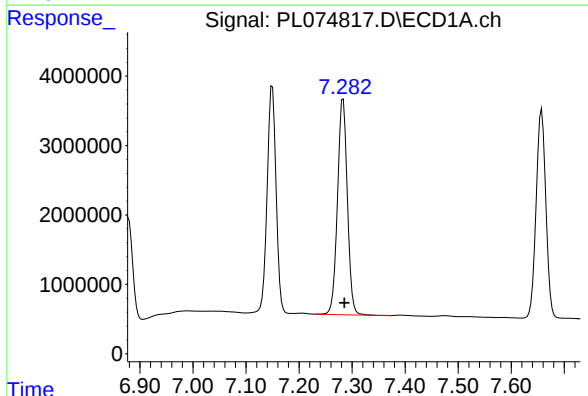
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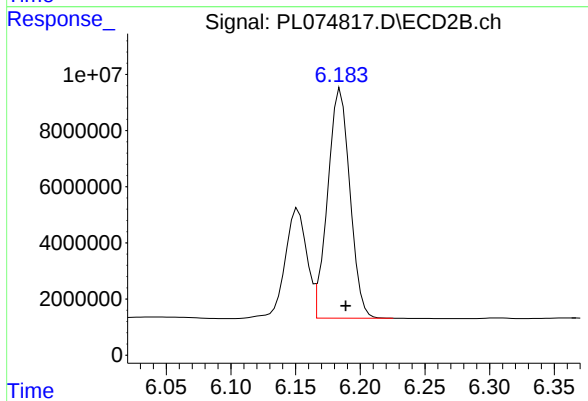
#3 gamma-BHC (Lindane)

R.T.: 5.775 min
Delta R.T.: -0.003 min
Response: 102052774
Conc: 61.76 ng/ml



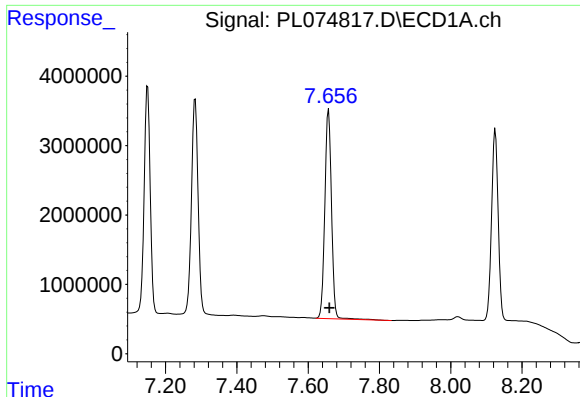
#4 Heptachlor

R.T.: 7.283 min
Delta R.T.: -0.002 min
Response: 40430451
Conc: 62.65 ng/ml



#4 Heptachlor

R.T.: 6.185 min
Delta R.T.: -0.004 min
Response: 97666428
Conc: 64.35 ng/ml



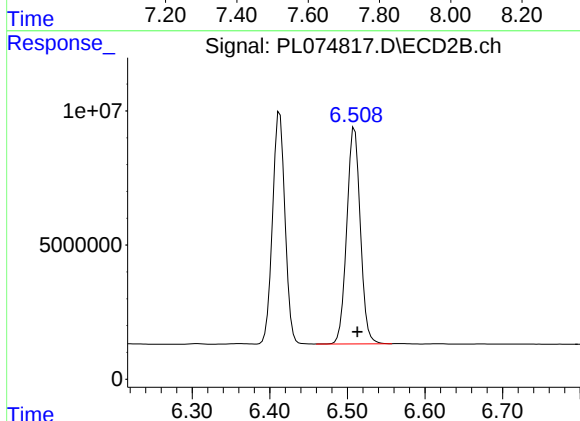
#5 Aldrin

R.T.: 7.657 min
Delta R.T.: -0.002 min
Response: 39300359
Conc: 63.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

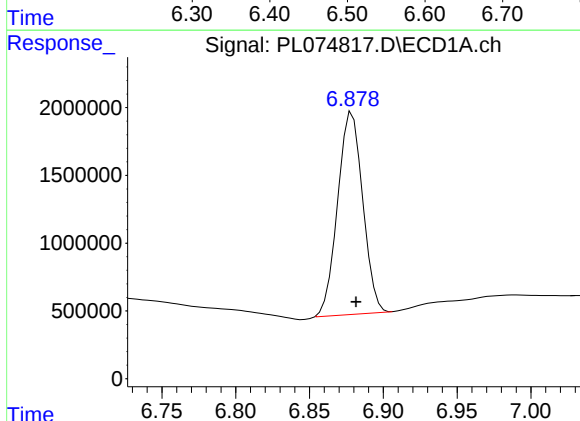
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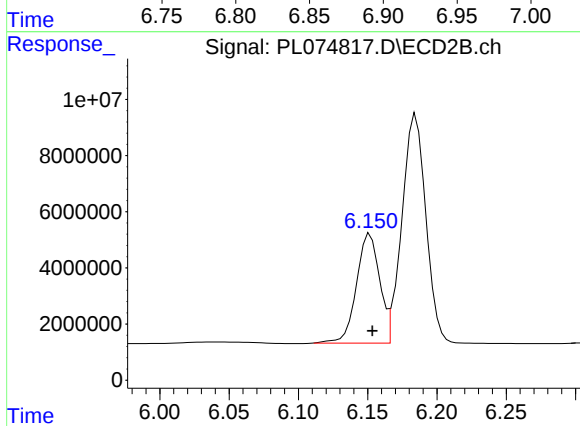
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 97724385
Conc: 65.13 ng/ml



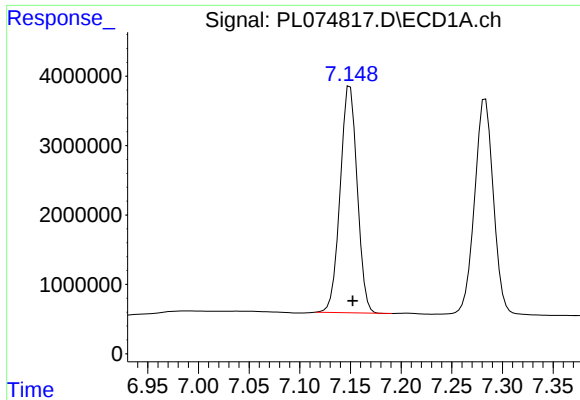
#6 beta-BHC

R.T.: 6.879 min
Delta R.T.: -0.003 min
Response: 17726365
Conc: 59.39 ng/ml



#6 beta-BHC

R.T.: 6.152 min
Delta R.T.: -0.002 min
Response: 45313677
Conc: 57.07 ng/ml



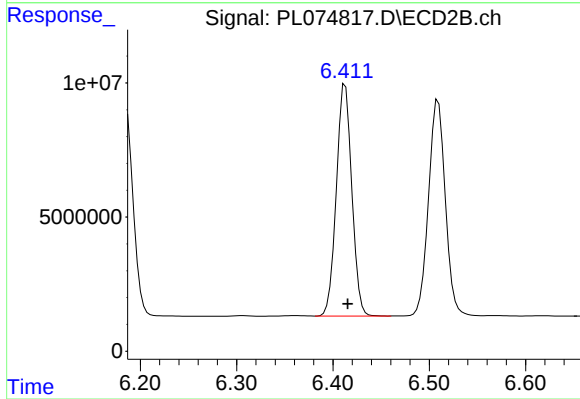
#7 delta-BHC

R.T.: 7.150 min
Delta R.T.: -0.003 min
Response: 38212184
Conc: 60.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

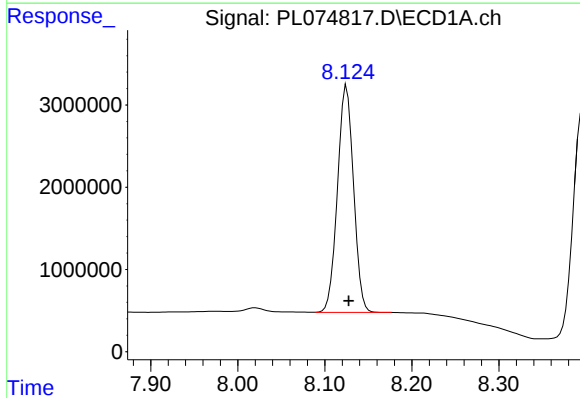
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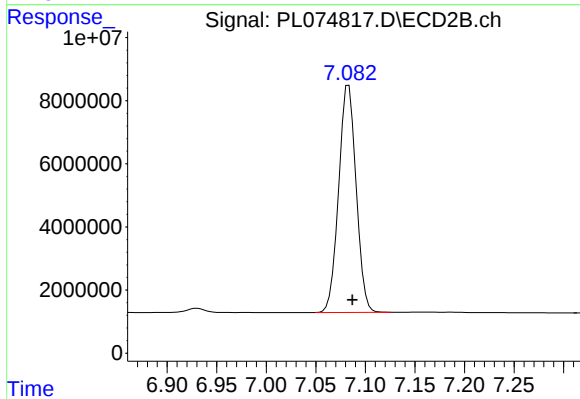
#7 delta-BHC

R.T.: 6.413 min
Delta R.T.: -0.002 min
Response: 96382380
Conc: 61.64 ng/ml



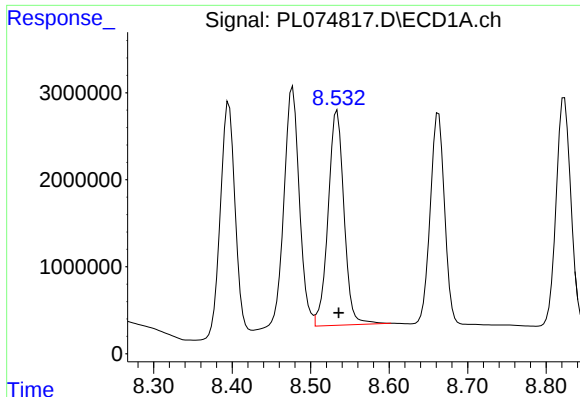
#8 Heptachlor epoxide

R.T.: 8.125 min
Delta R.T.: -0.002 min
Response: 35346754
Conc: 62.15 ng/ml



#8 Heptachlor epoxide

R.T.: 7.083 min
Delta R.T.: -0.004 min
Response: 88268488
Conc: 63.42 ng/ml



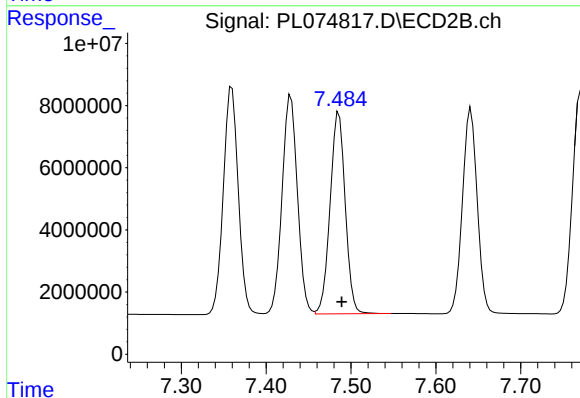
#9 Endosulfan I

R.T.: 8.534 min
Delta R.T.: -0.002 min
Response: 34722321
Conc: 60.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

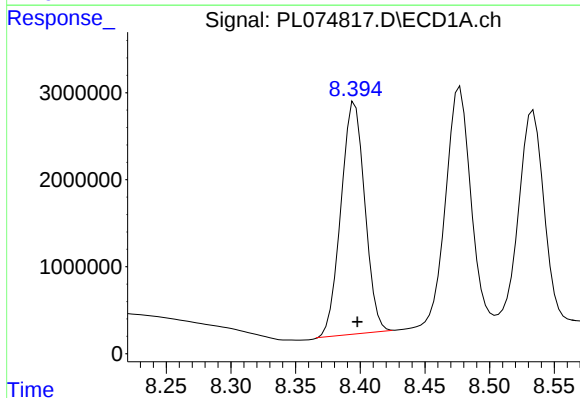
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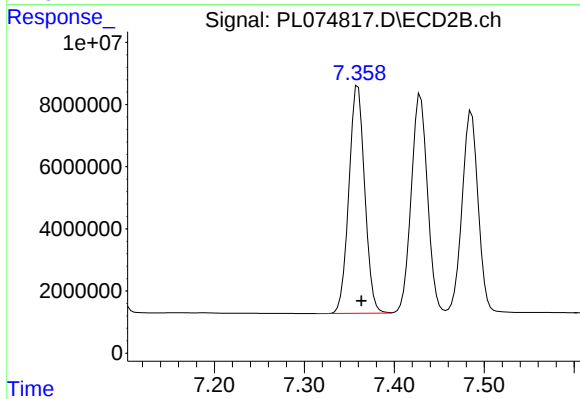
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.003 min
Response: 80373594
Conc: 64.24 ng/ml



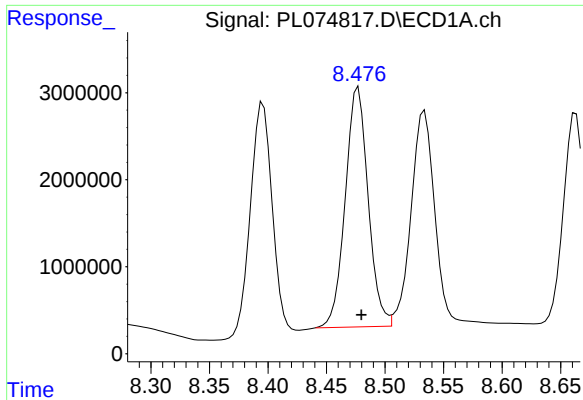
#10 gamma-Chlordane

R.T.: 8.394 min
Delta R.T.: -0.003 min
Response: 34203258
Conc: 66.12 ng/ml m



#10 gamma-Chlordane

R.T.: 7.360 min
Delta R.T.: -0.004 min
Response: 89640878
Conc: 64.68 ng/ml



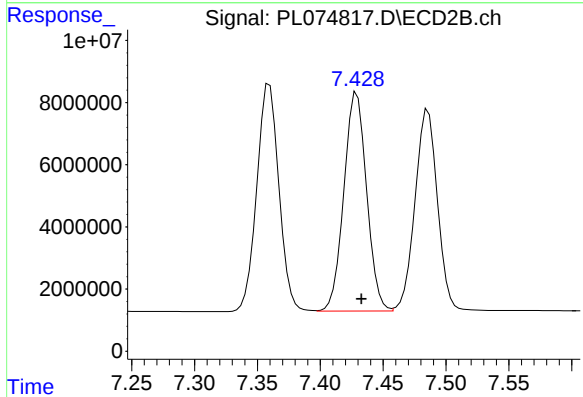
#11 alpha-Chlordane

R.T.: 8.477 min
Delta R.T.: -0.003 min
Response: 37529713
Conc: 61.47 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

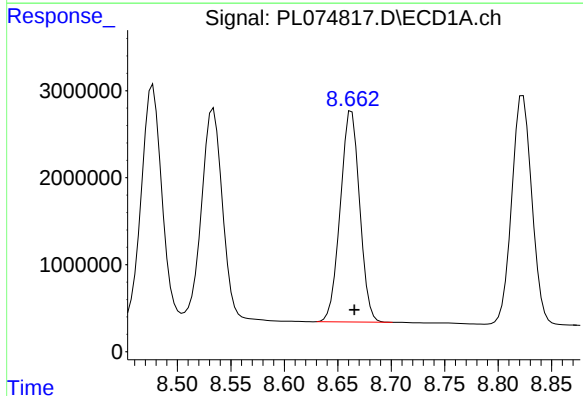
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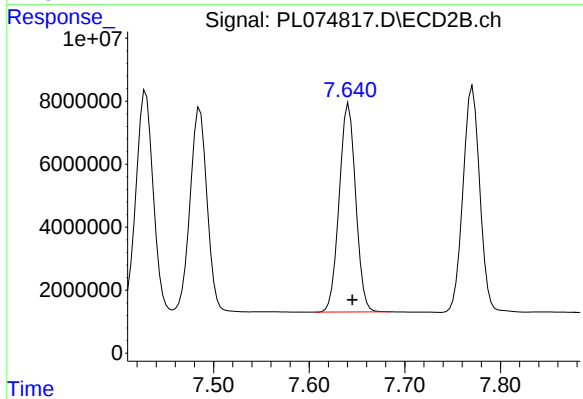
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.004 min
Response: 88490004
Conc: 65.46 ng/ml



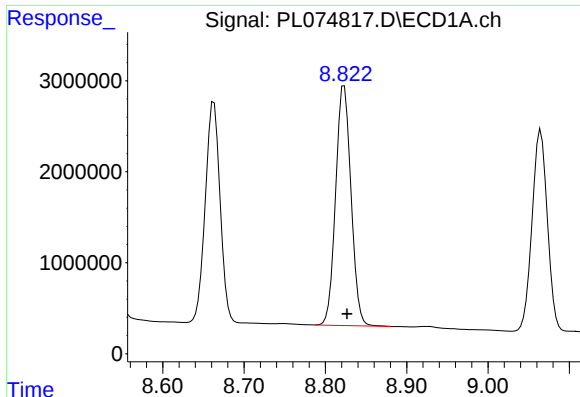
#12 4,4'-DDE

R.T.: 8.663 min
Delta R.T.: -0.003 min
Response: 30610876
Conc: 66.12 ng/ml



#12 4,4'-DDE

R.T.: 7.641 min
Delta R.T.: -0.004 min
Response: 79589174
Conc: 67.64 ng/ml



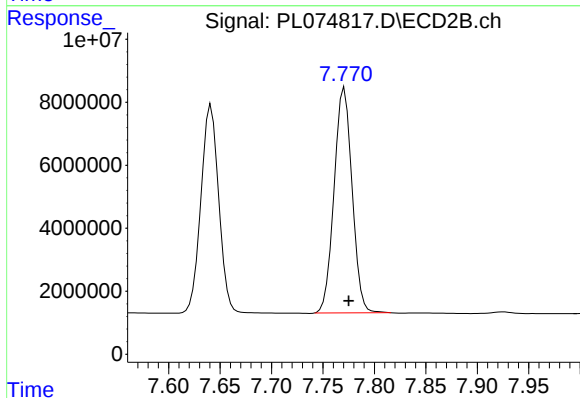
#13 Dieldrin

R.T.: 8.823 min
Delta R.T.: -0.003 min
Response: 34589836
Conc: 65.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

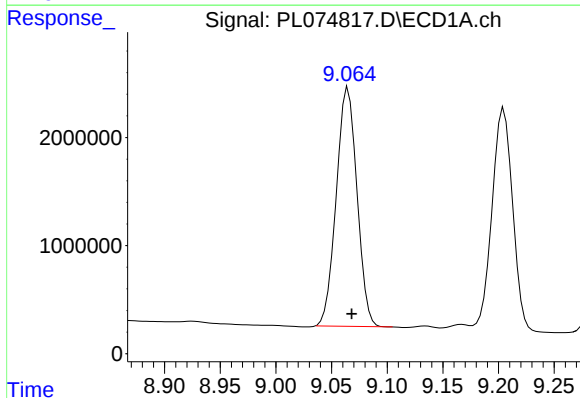
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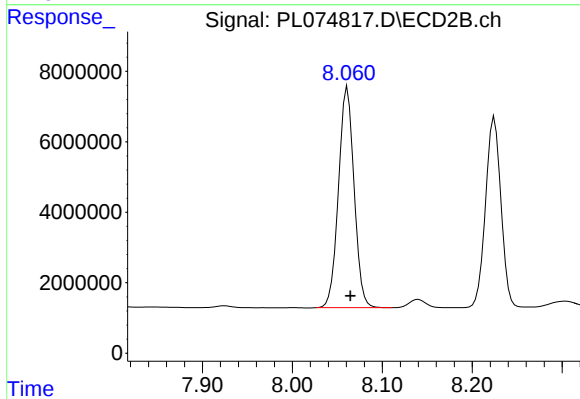
#13 Dieldrin

R.T.: 7.771 min
Delta R.T.: -0.004 min
Response: 87122993
Conc: 68.39 ng/ml



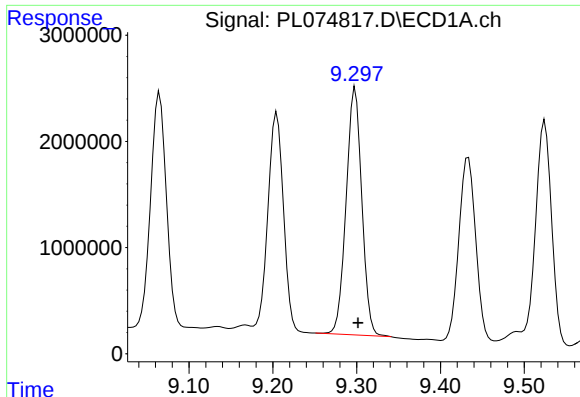
#14 Endrin

R.T.: 9.065 min
Delta R.T.: -0.003 min
Response: 28610668
Conc: 69.33 ng/ml



#14 Endrin

R.T.: 8.061 min
Delta R.T.: -0.003 min
Response: 75371940
Conc: 71.35 ng/ml



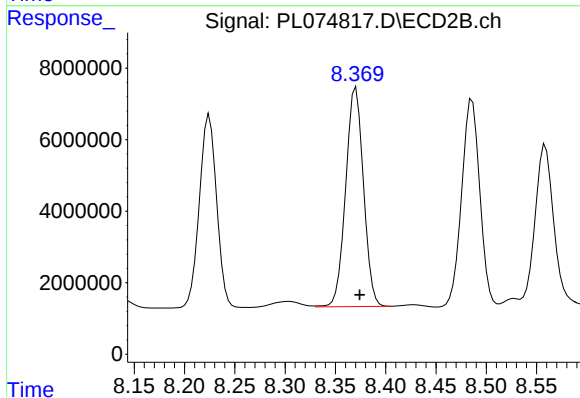
#15 Endosulfan II

R.T.: 9.298 min
Delta R.T.: -0.003 min
Response: 30321166
Conc: 68.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

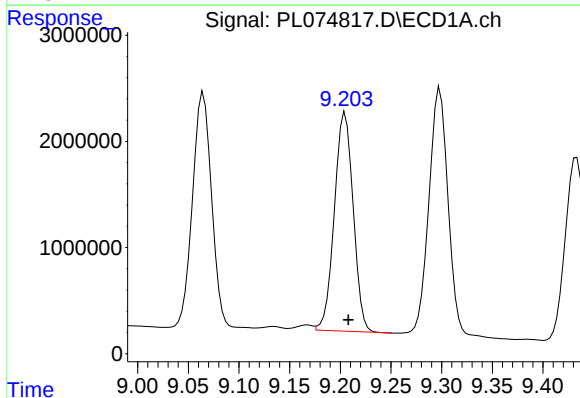
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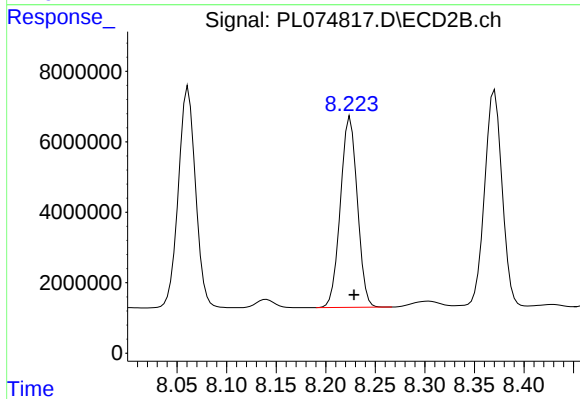
#15 Endosulfan II

R.T.: 8.371 min
Delta R.T.: -0.004 min
Response: 75294967
Conc: 66.66 ng/ml



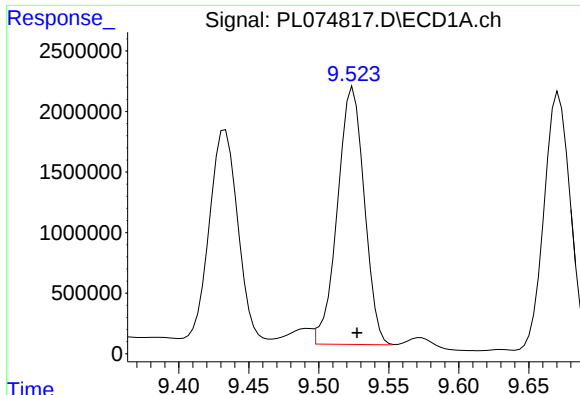
#16 4,4'-DDD

R.T.: 9.205 min
Delta R.T.: -0.003 min
Response: 26620197
Conc: 58.88 ng/ml



#16 4,4'-DDD

R.T.: 8.225 min
Delta R.T.: -0.004 min
Response: 64241998
Conc: 65.21 ng/ml



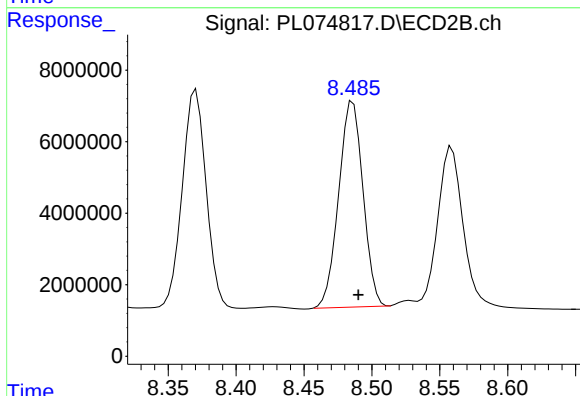
#17 4,4'-DDT

R.T.: 9.523 min
Delta R.T.: -0.004 min
Response: 28237496
Conc: 61.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

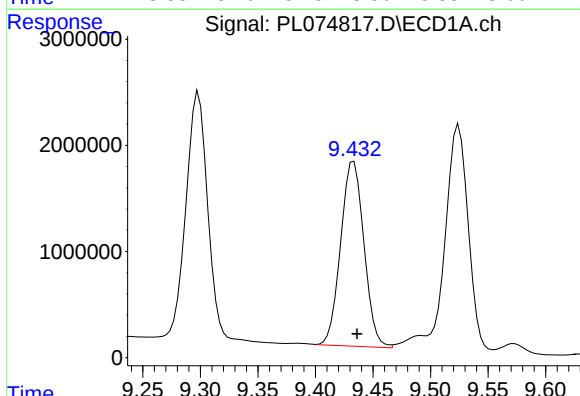
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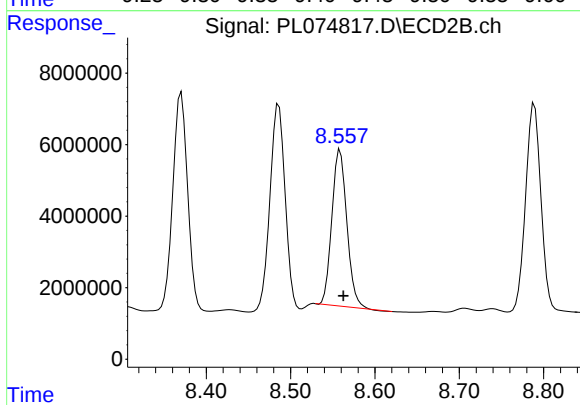
#17 4,4'-DDT

R.T.: 8.486 min
Delta R.T.: -0.004 min
Response: 71795693
Conc: 71.76 ng/ml



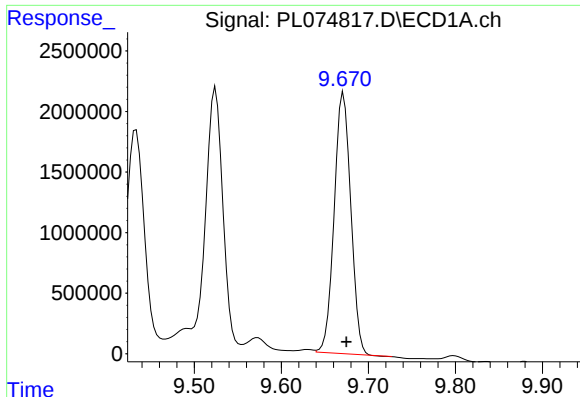
#18 Endrin aldehyde

R.T.: 9.433 min
Delta R.T.: -0.003 min
Response: 24635915
Conc: 69.61 ng/ml



#18 Endrin aldehyde

R.T.: 8.559 min
Delta R.T.: -0.004 min
Response: 53796049
Conc: 67.36 ng/ml



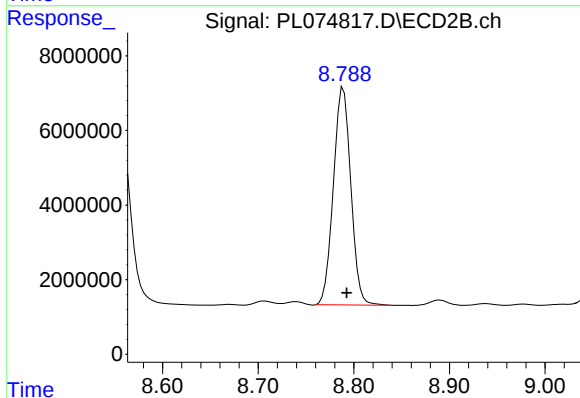
#19 Endosulfan Sulfate

R.T.: 9.671 min
Delta R.T.: -0.004 min
Response: 28510528
Conc: 63.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

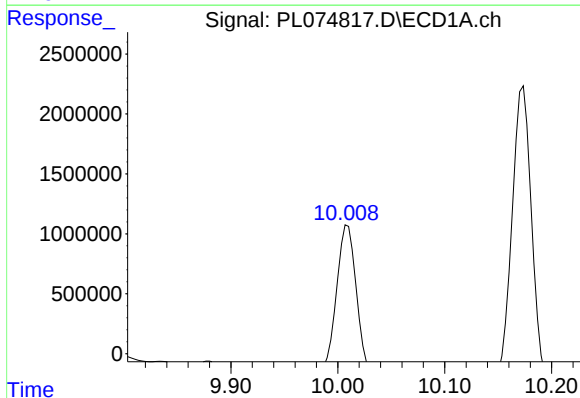
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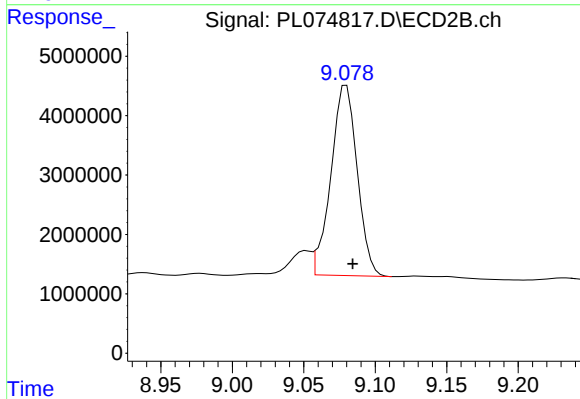
#19 Endosulfan Sulfate

R.T.: 8.789 min
Delta R.T.: -0.003 min
Response: 73836181
Conc: 67.83 ng/ml



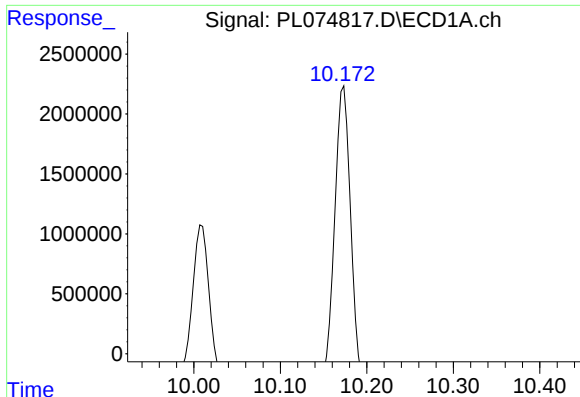
#20 Methoxychlor

R.T.: 10.009 min
Delta R.T.: -0.004 min
Response: 16255417
Conc: 66.37 ng/ml



#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.006 min
Response: 40696697
Conc: 69.64 ng/ml m



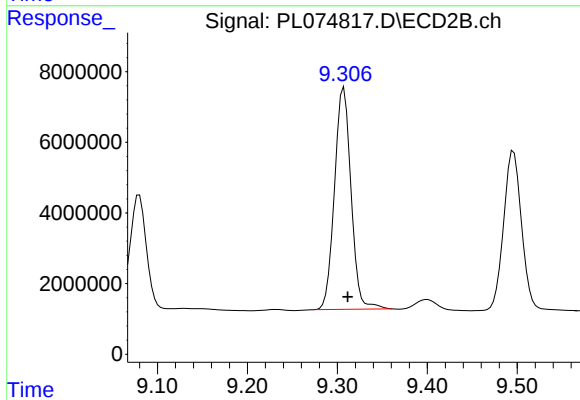
#21 Endrin ketone

R.T.: 10.174 min
Delta R.T.: -0.004 min
Response: 31551725
Conc: 61.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

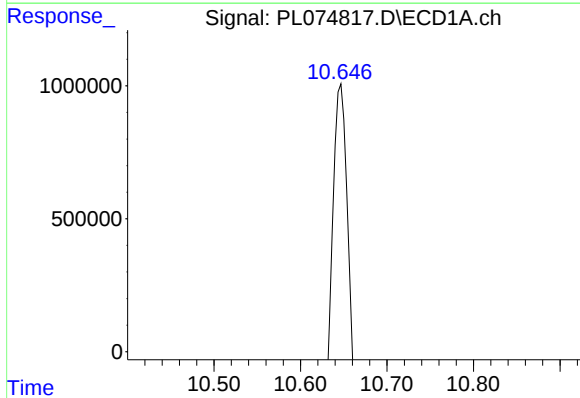
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 05/19/2022
Supervised By :mohammad ahmed 05/19/2022



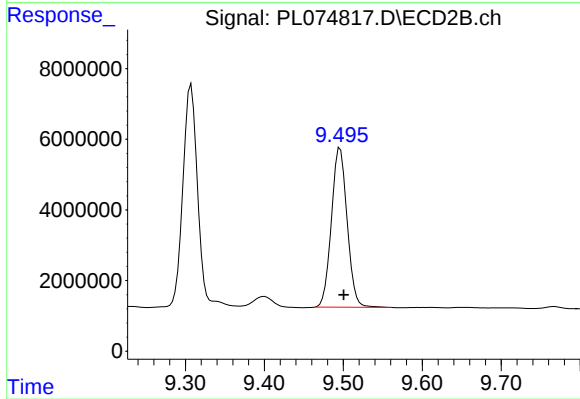
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.004 min
Response: 80467692
Conc: 72.18 ng/ml



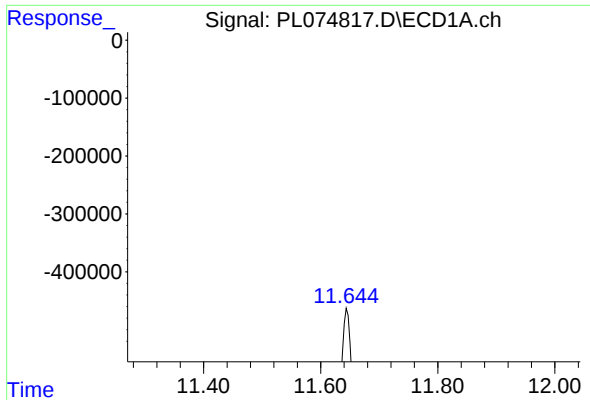
#22 Mirex

R.T.: 10.647 min
Delta R.T.: -0.005 min
Response: 24355027
Conc: 60.36 ng/ml



#22 Mirex

R.T.: 9.496 min
Delta R.T.: -0.005 min
Response: 62492978
Conc: 64.52 ng/ml



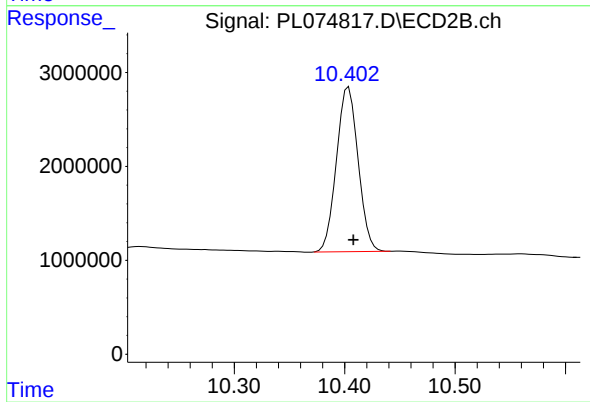
#28 Decachlorobiphenyl

R.T.: 11.645 min
Delta R.T.: -0.006 min
Response: 9650027
Conc: 21.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
P018-SS001-0006-01MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 23910929
Conc: 23.30 ng/ml