

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
 Data File : PL074144.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 16 Apr 2022 04:30
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/18/2022
 Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 16 05:27:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 14 09:29:23 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...	4.638	5.491	18089696	99745102	55.986	55.943
28)	SA Decachlor...	10.410	11.334	25141340	88722920	48.346	50.231
Target Compounds							
2)	A alpha-BHC	5.346	6.054	22557311	141.8E6	53.751	56.317
3)	MA gamma-BHC...	5.770	6.444	22228025	130.9E6	53.000	55.307
4)	MA Heptachlor	6.180	7.103	22151134	131.5E6	49.175	50.398
5)	MB Aldrin	6.504	7.471	22047923	133.9E6	53.121m	57.001
6)	B beta-BHC	6.150	6.680	10878866	58007705	53.242	51.470
7)	B delta-BHC	6.410	6.948	21935397	130.4E6	53.026m	53.411
8)	B Heptachlo...	7.082	7.927	22161966	120.7E6	51.667	53.606
9)	A Endosulfan I	7.486	8.327	20930814	106.7E6	51.036	54.219
10)	B gamma-Chl...	7.359	8.196	22420487	119.2E6	51.120	53.452
11)	B alpha-Chl...	7.429	8.278	22659064	116.6E6	51.291	54.150
12)	B 4,4'-DDE	7.643	8.463	19077926	111.0E6	52.294	55.727
13)	MA Dieldrin	7.770	8.612	22313835	112.5E6	51.944m	56.078
14)	MA Endrin	8.062	8.847	20708071	93278743	50.976	55.075
15)	B Endosulfa...	8.373	9.071	21422906	92638809	51.977	53.326
16)	A 4,4'-DDD	8.229	8.989	18473943	88634297	57.208	57.607m
17)	MA 4,4'-DDT	8.489	9.308	15715308	72693224	42.515	41.008
18)	B Endrin al...	8.562	9.204	17475532	72568598	54.011	56.184
19)	B Endosulfa...	8.793	9.441	21429692	86607032	50.184	52.037
20)	A Methoxychlor	9.085	9.788	10957458	42450516	44.136	44.134
21)	B Endrin ke...	9.312	9.930	25221766	86552319	51.626	50.003
22)	Mirex	9.499	10.406	22576196	69004628	48.405	50.098

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL041522\
Data File : PL074144.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 16 Apr 2022 04:30
Operator : AR\AJ
Sample : PSTDCCC050
Misc :
ALS Vial : 4 Sample Multiplier: 1

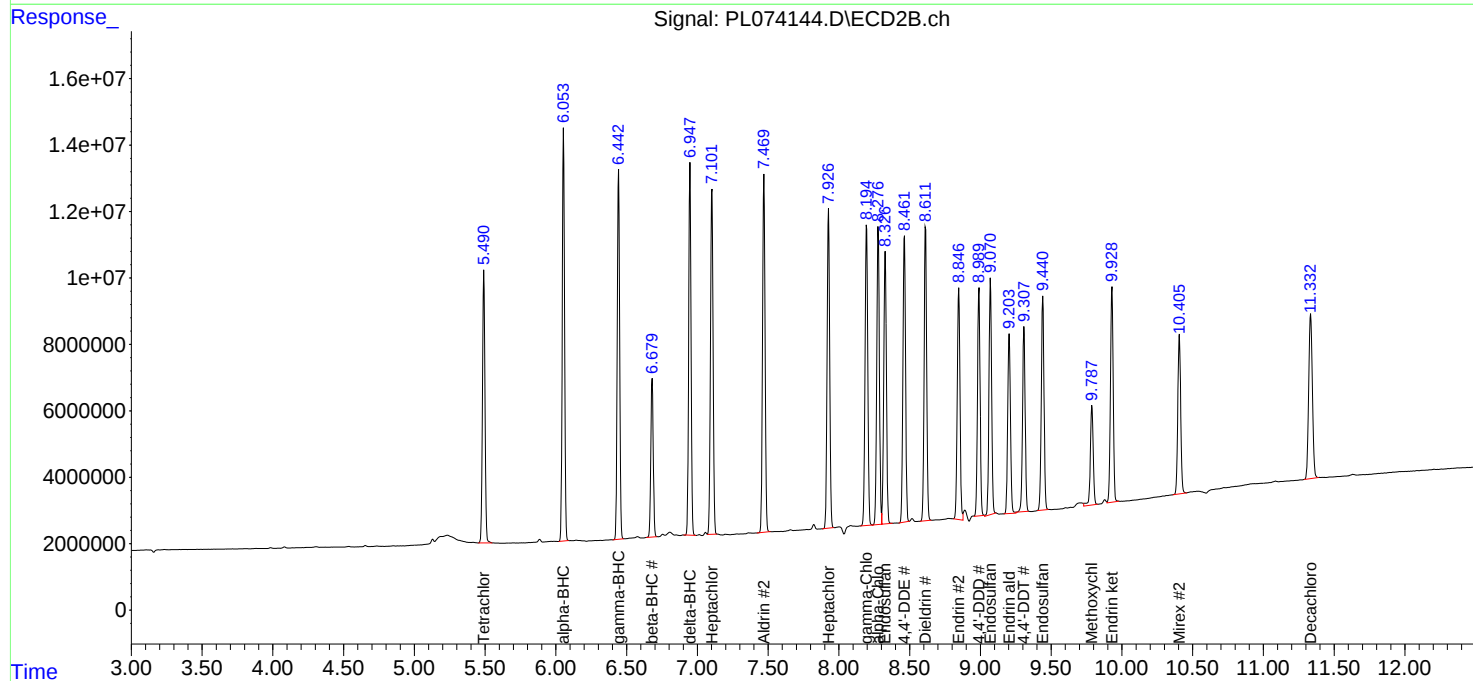
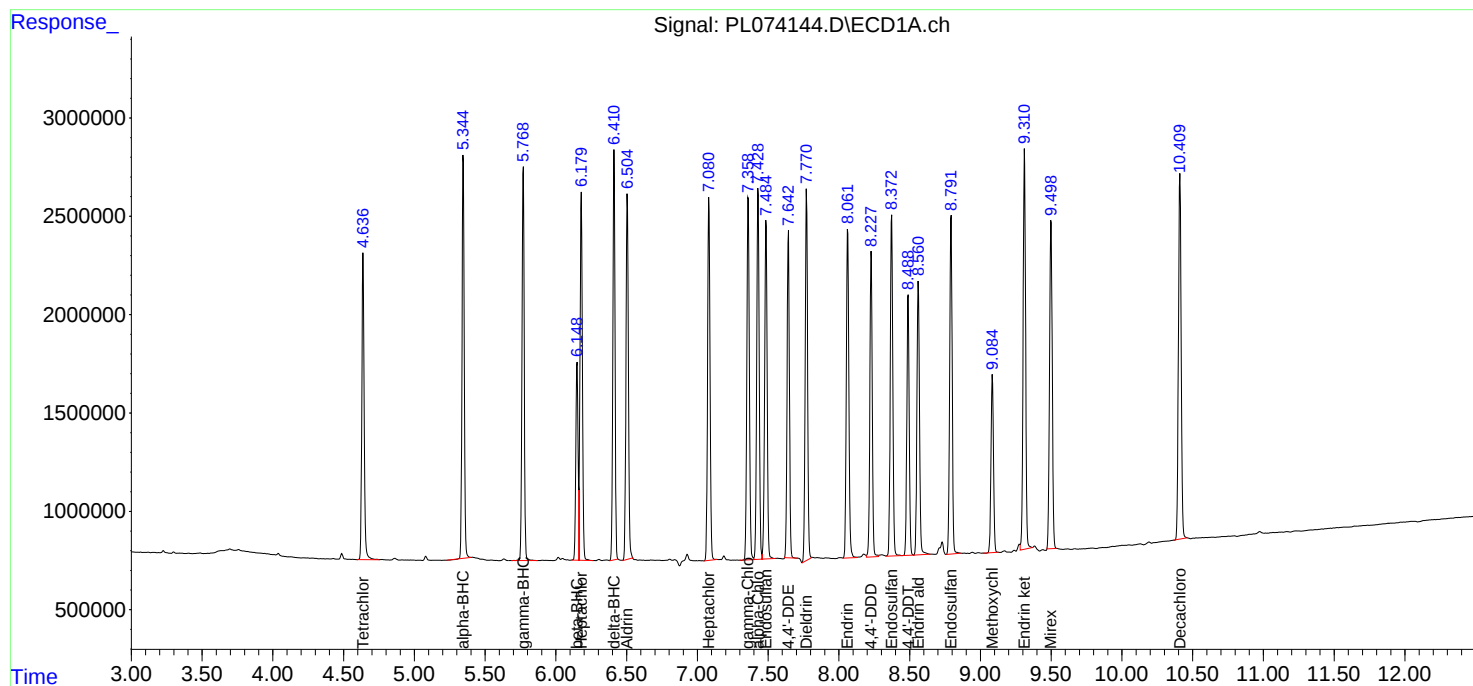
Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

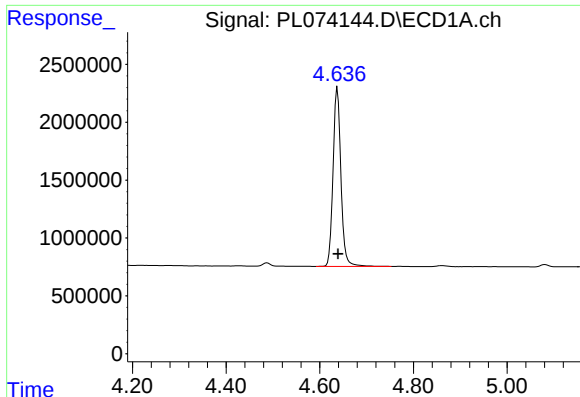
Manual Integrations
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Supervised By :mohammad ahmed 04/18/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 16 05:27:14 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
Quant Title : GC Extractables
QLast Update : Thu Apr 14 09:29:23 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





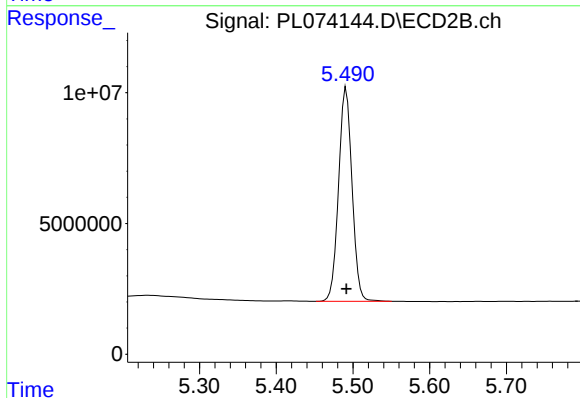
#1 Tetrachloro-m-xylene

R.T.: 4.638 min
Delta R.T.: -0.001 min
Response: 18089696
Conc: 55.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

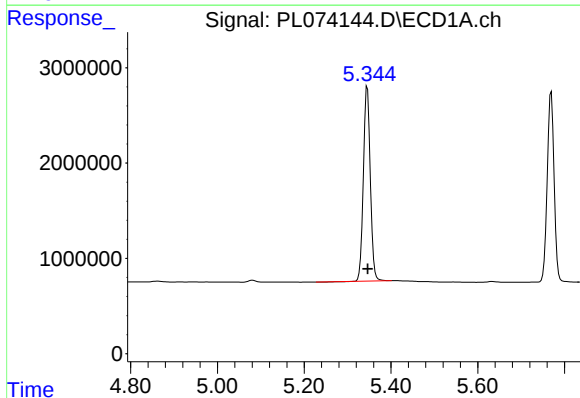
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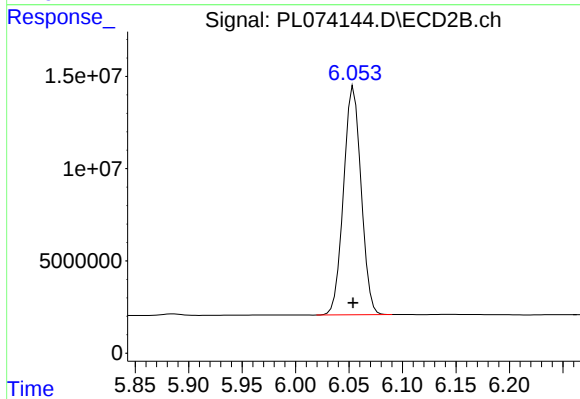
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 99745102
Conc: 55.94 ng/ml



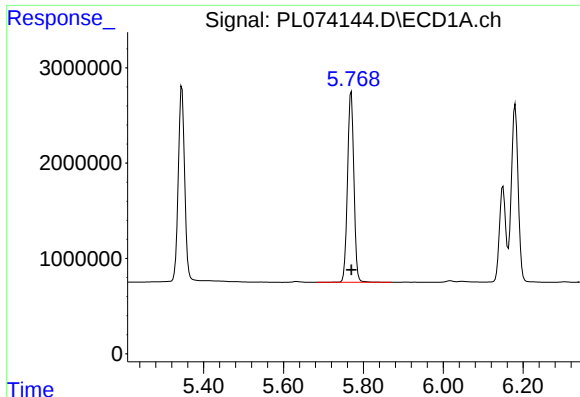
#2 alpha-BHC

R.T.: 5.346 min
Delta R.T.: -0.001 min
Response: 22557311
Conc: 53.75 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 141811202
Conc: 56.32 ng/ml



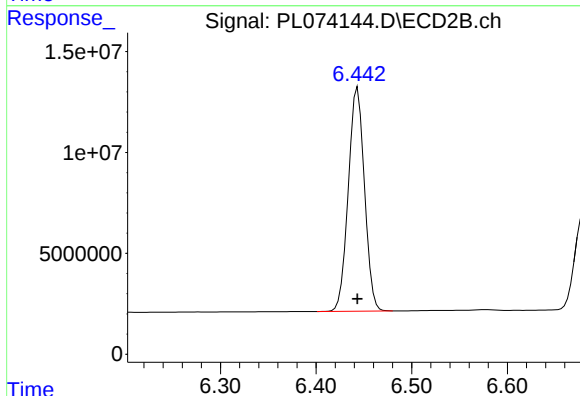
#3 gamma-BHC (Lindane)

R.T.: 5.770 min
Delta R.T.: 0.000 min
Response: 22228025
Conc: 53.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

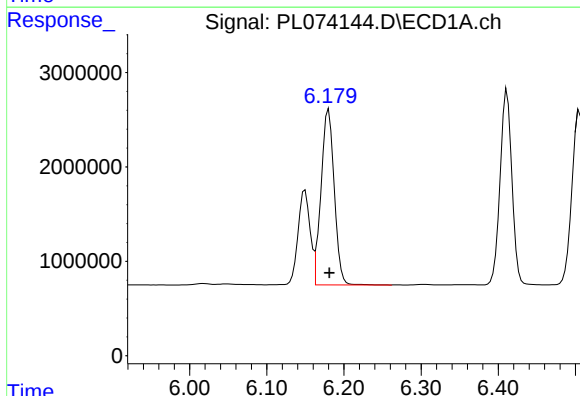
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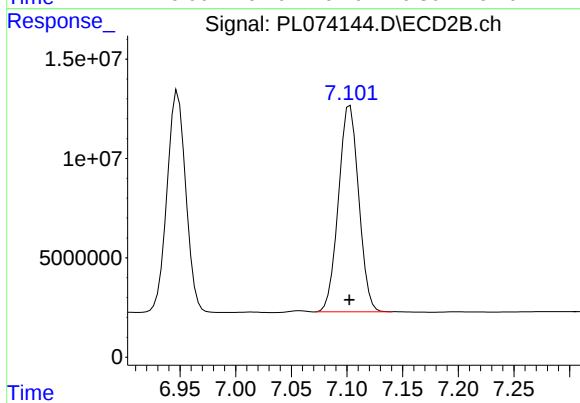
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 130917818
Conc: 55.31 ng/ml



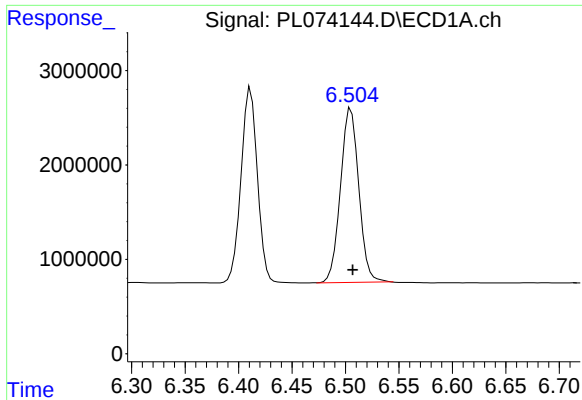
#4 Heptachlor

R.T.: 6.180 min
Delta R.T.: -0.001 min
Response: 22151134
Conc: 49.17 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.000 min
Response: 131458942
Conc: 50.40 ng/ml



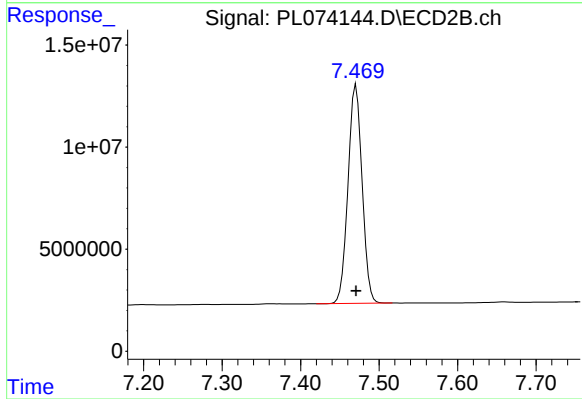
#5 Aldrin

R.T.: 6.504 min
Delta R.T.: -0.003 min
Response: 22047923
Conc: 53.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

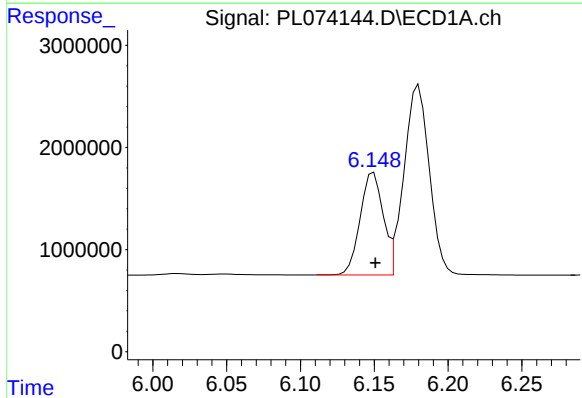
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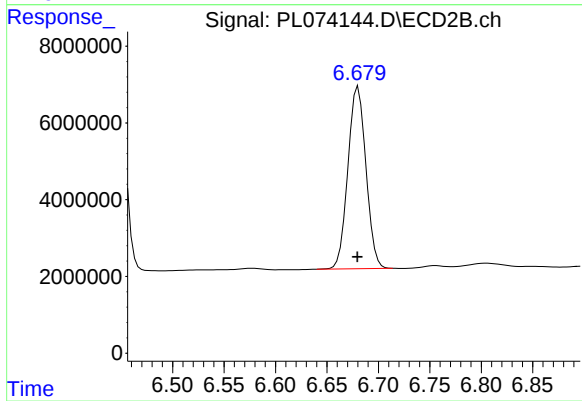
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 133872412
Conc: 57.00 ng/ml



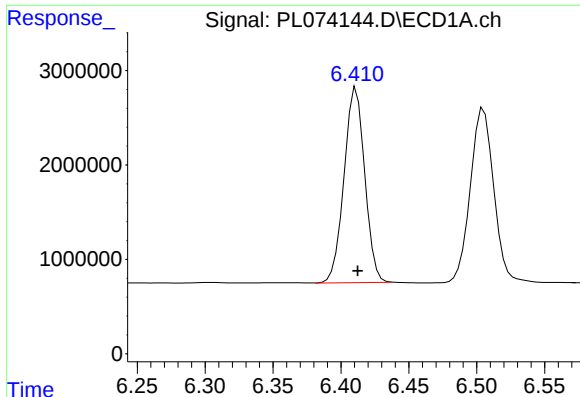
#6 beta-BHC

R.T.: 6.150 min
Delta R.T.: -0.001 min
Response: 10878866
Conc: 53.24 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.000 min
Response: 58007705
Conc: 51.47 ng/ml



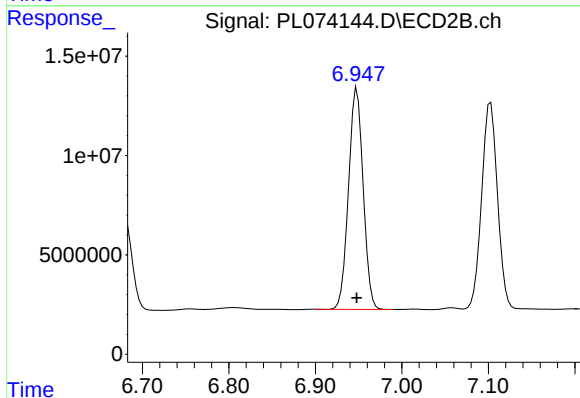
#7 delta-BHC

R.T.: 6.410 min
Delta R.T.: -0.003 min
Response: 21935397
Conc: 53.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

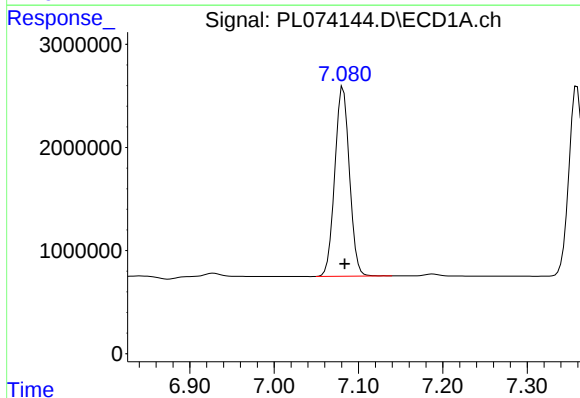
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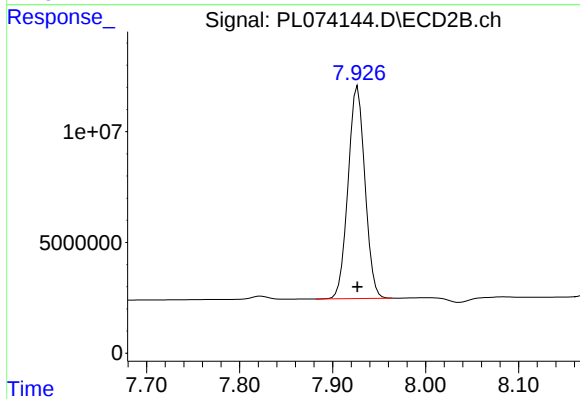
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.000 min
Response: 130444111
Conc: 53.41 ng/ml



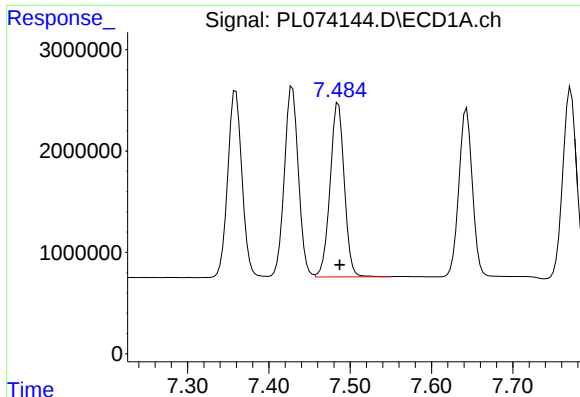
#8 Heptachlor epoxide

R.T.: 7.082 min
Delta R.T.: -0.002 min
Response: 22161966
Conc: 51.67 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 120697664
Conc: 53.61 ng/ml



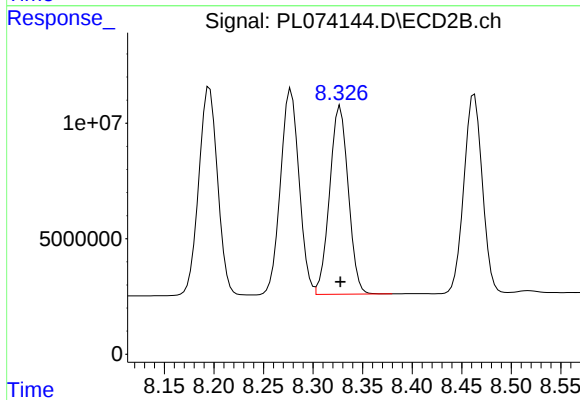
#9 Endosulfan I

R.T.: 7.486 min
Delta R.T.: -0.002 min
Response: 20930814
Conc: 51.04 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

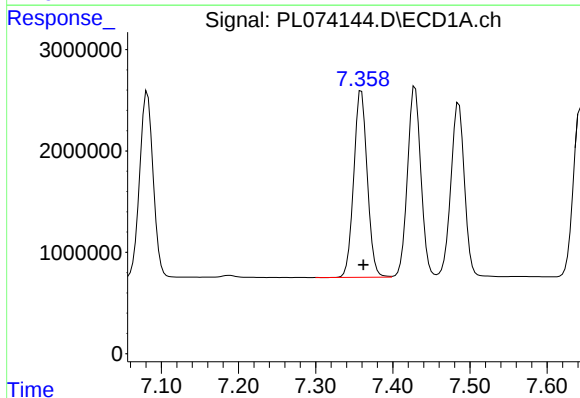
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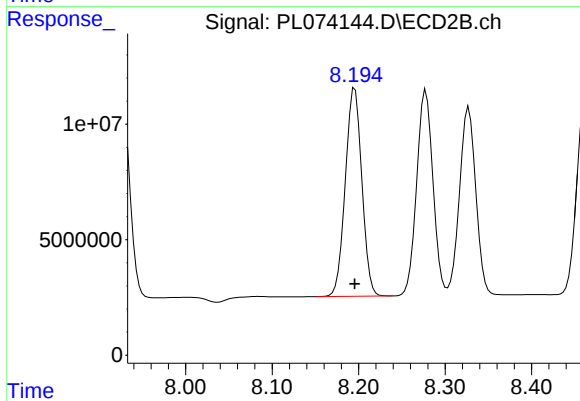
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 106738647
Conc: 54.22 ng/ml



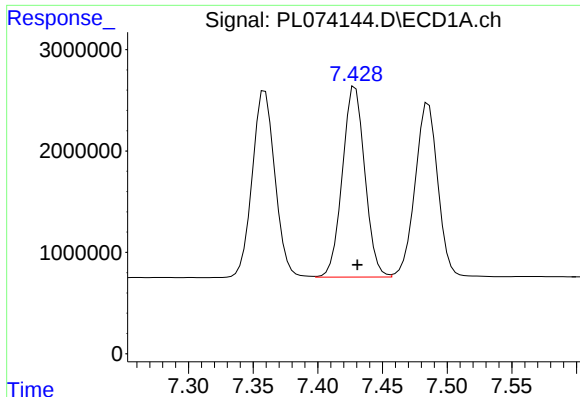
#10 gamma-Chlordane

R.T.: 7.359 min
Delta R.T.: -0.003 min
Response: 22420487
Conc: 51.12 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.000 min
Response: 119217874
Conc: 53.45 ng/ml



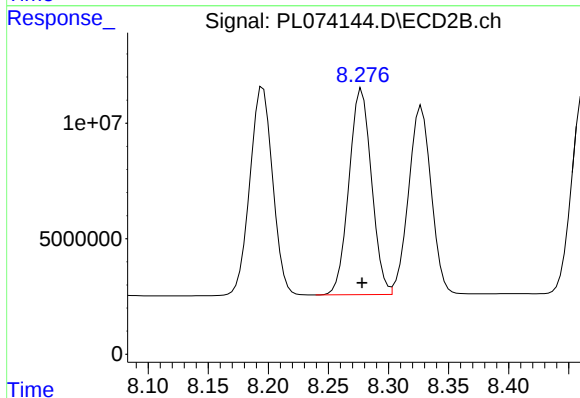
#11 alpha-Chlordane

R.T.: 7.429 min
Delta R.T.: -0.002 min
Response: 22659064
Conc: 51.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

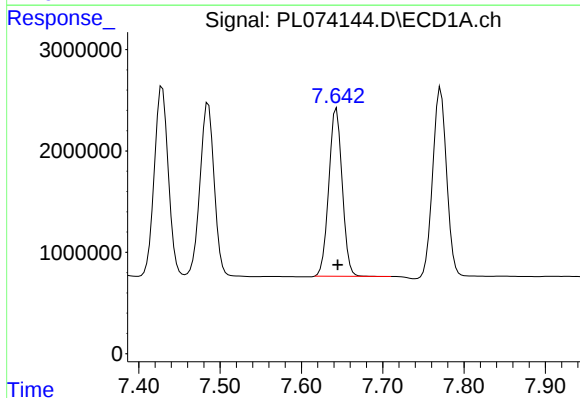
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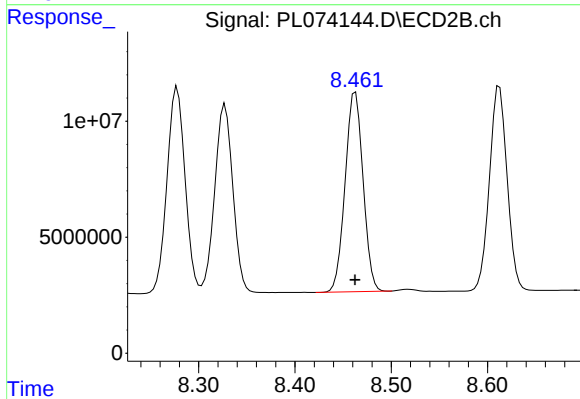
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.000 min
Response: 116563171
Conc: 54.15 ng/ml



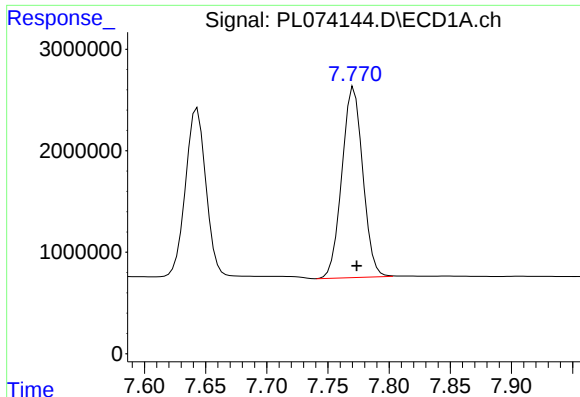
#12 4,4'-DDE

R.T.: 7.643 min
Delta R.T.: -0.001 min
Response: 19077926
Conc: 52.29 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.000 min
Response: 110991740
Conc: 55.73 ng/ml



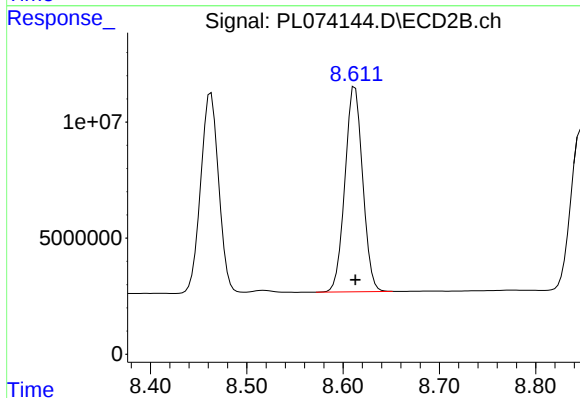
#13 Dieldrin

R.T.: 7.770 min
Delta R.T.: -0.004 min
Response: 22313835
Conc: 51.94 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

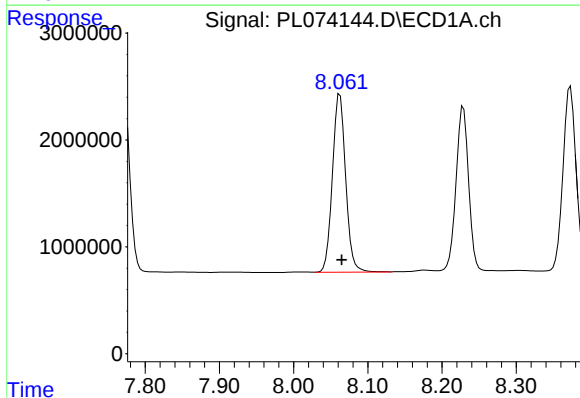
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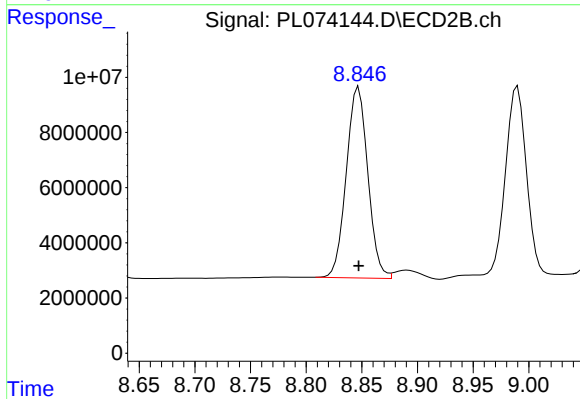
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 112452911
Conc: 56.08 ng/ml



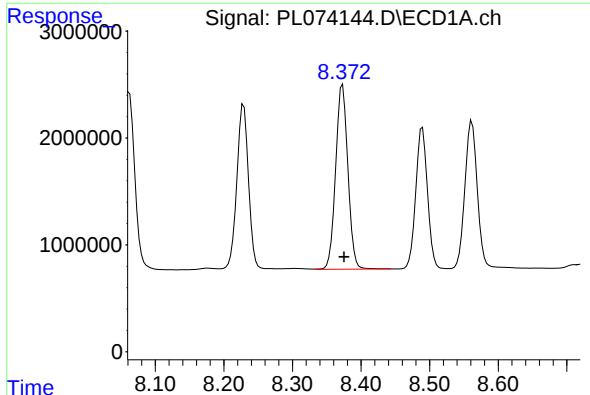
#14 Endrin

R.T.: 8.062 min
Delta R.T.: -0.003 min
Response: 20708071
Conc: 50.98 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.000 min
Response: 93278743
Conc: 55.08 ng/ml



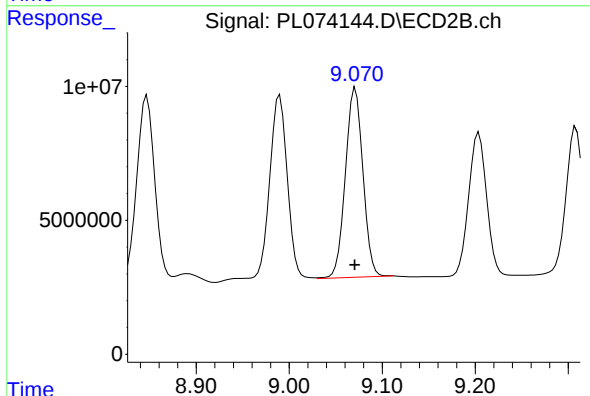
#15 Endosulfan II

R.T.: 8.373 min
Delta R.T.: -0.002 min
Response: 21422906
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

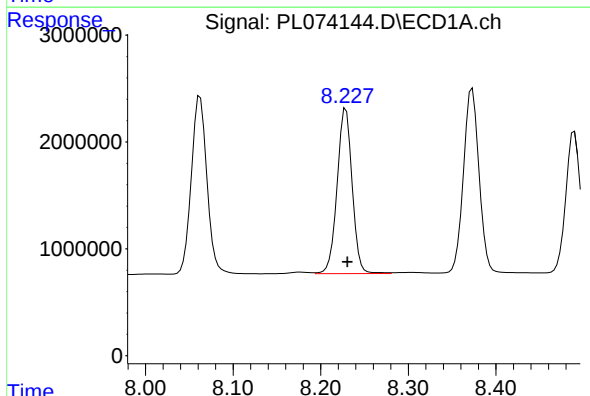
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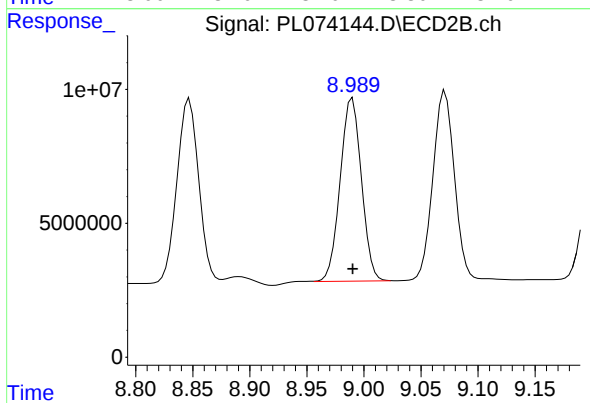
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.000 min
Response: 92638809
Conc: 53.33 ng/ml



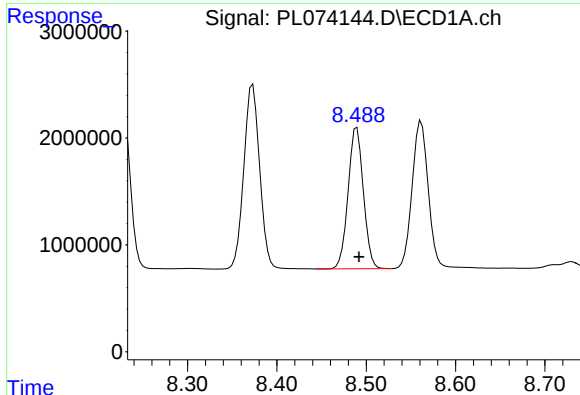
#16 4,4'-DDD

R.T.: 8.229 min
Delta R.T.: -0.002 min
Response: 18473943
Conc: 57.21 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: -0.002 min
Response: 88634297
Conc: 57.61 ng/ml m



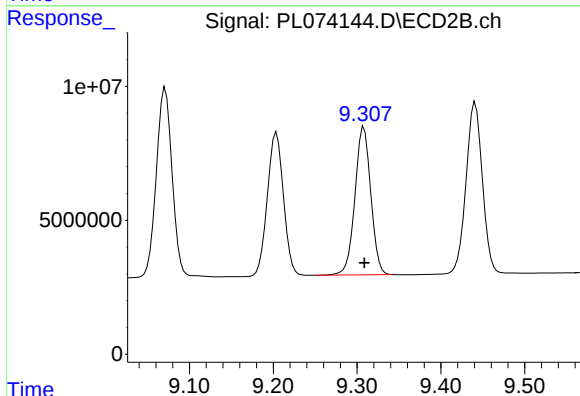
#17 4,4'-DDT

R.T.: 8.489 min
Delta R.T.: -0.003 min
Response: 15715308
Conc: 42.52 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

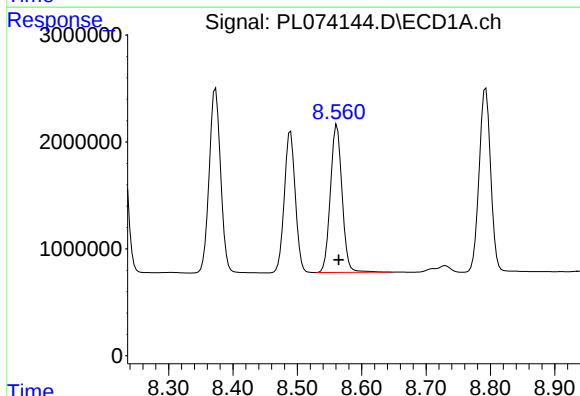
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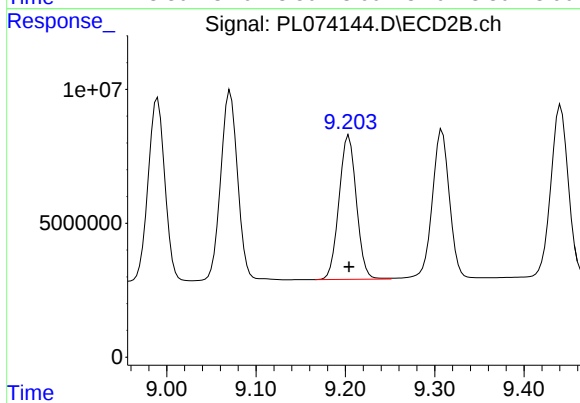
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.000 min
Response: 72693224
Conc: 41.01 ng/ml



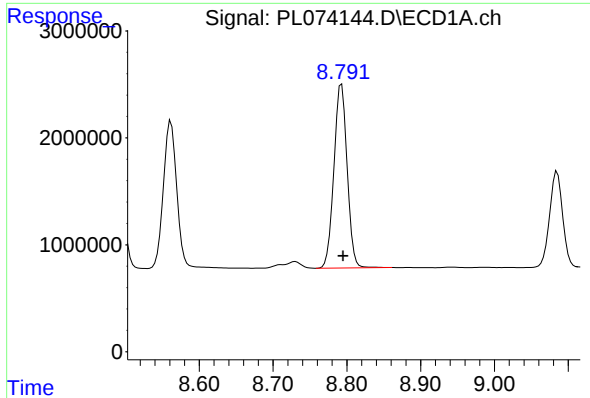
#18 Endrin aldehyde

R.T.: 8.562 min
Delta R.T.: -0.003 min
Response: 17475532
Conc: 54.01 ng/ml



#18 Endrin aldehyde

R.T.: 9.204 min
Delta R.T.: 0.000 min
Response: 72568598
Conc: 56.18 ng/ml



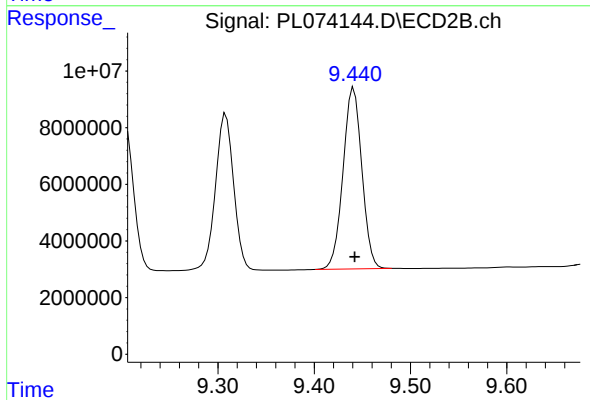
#19 Endosulfan Sulfate

R.T.: 8.793 min
Delta R.T.: -0.002 min
Response: 21429692
Conc: 50.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

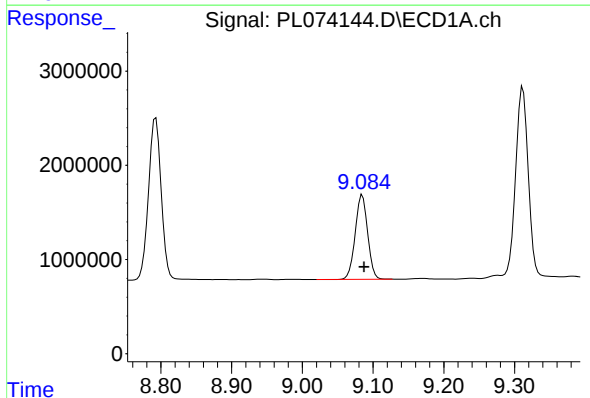
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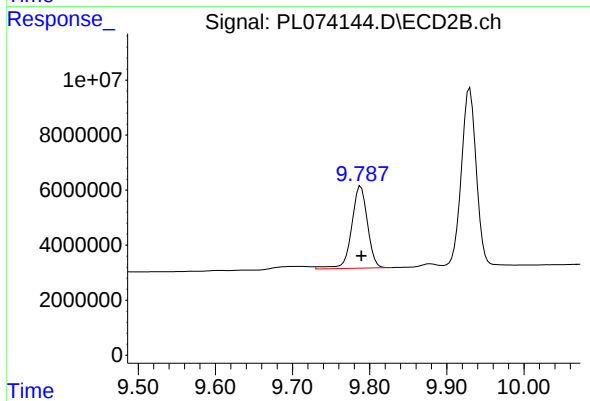
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: -0.001 min
Response: 86607032
Conc: 52.04 ng/ml



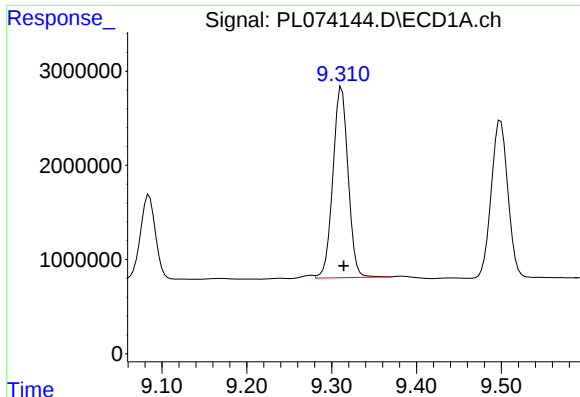
#20 Methoxychlor

R.T.: 9.085 min
Delta R.T.: -0.002 min
Response: 10957458
Conc: 44.14 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.000 min
Response: 42450516
Conc: 44.13 ng/ml



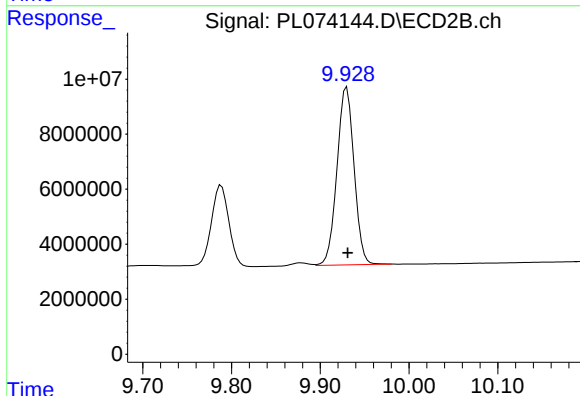
#21 Endrin ketone

R.T.: 9.312 min
Delta R.T.: -0.002 min
Response: 25221766
Conc: 51.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

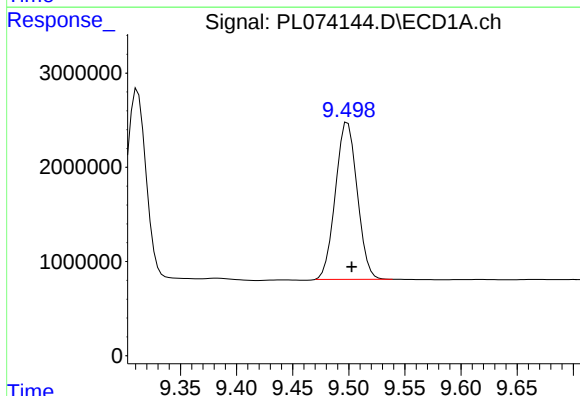
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APPROVED

Reviewed By :Abdul Mirza 04/18/2022
Supervised By :mohammad ahmed 04/18/2022



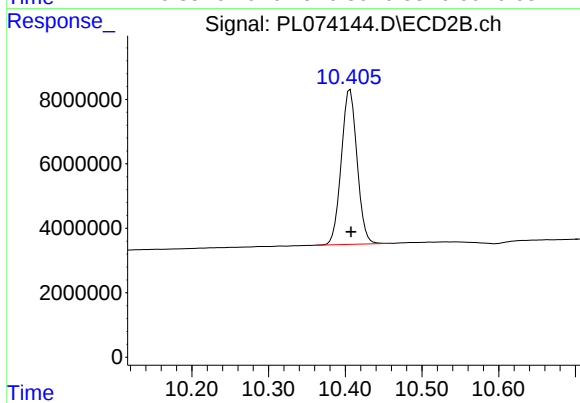
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: -0.001 min
Response: 86552319
Conc: 50.00 ng/ml



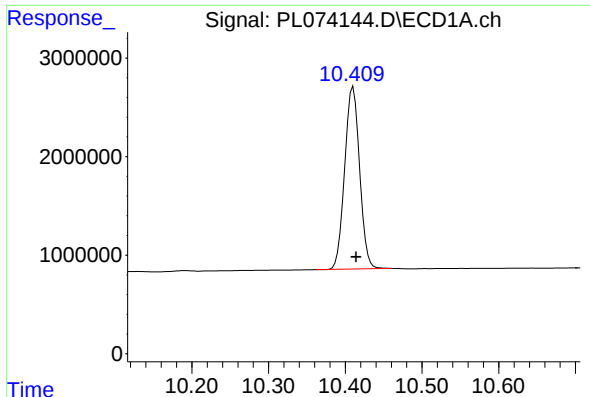
#22 Mirex

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 22576196
Conc: 48.40 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: -0.001 min
Response: 69004628
Conc: 50.10 ng/ml



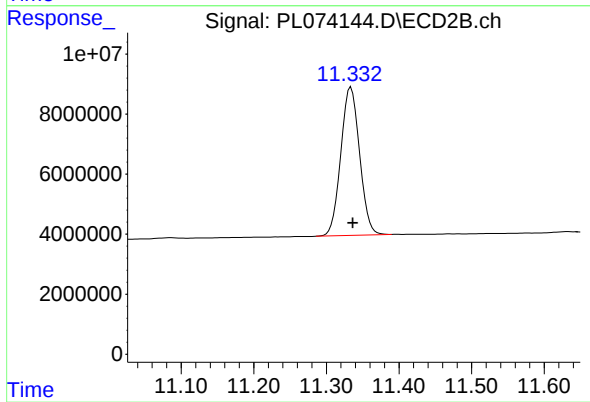
#28 Decachlorobiphenyl

R.T.: 10.410 min
Delta R.T.: -0.004 min
Response: 25141340
Conc: 48.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: -0.002 min
Response: 88722920
Conc: 50.23 ng/ml