

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
 Data File : PL073787.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 01 Apr 2022 19:39
 Operator : AR\AJ
 Sample : N2202-02MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHEMS

Manual Integrations
 APPROVED

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

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 01 23:44:54 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 14 04:12:46 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...	4.640	5.492	5632210	33229768	17.585	20.247
28)	SA Decachlor...	10.415	11.334	9659058	33323881	18.995	18.636
Target Compounds							
2)	A alpha-BHC	5.349	6.055	21518783	138.4E6	52.204	61.516
3)	MA gamma-BHC...	5.772	6.444	21312971	126.8E6	51.093	59.397
4)	MA Heptachlor	6.183	7.103	21081462	130.3E6	46.723	55.629
5)	MB Aldrin	6.509	7.471	20757474	122.4E6	50.240	58.411
6)	B beta-BHC	6.151	6.680	9127390	54837914	44.330m	52.609
7)	B delta-BHC	6.414	6.948	21247862	130.9E6	52.902	60.806
8)	B Heptachlo...	7.086	7.927	21128779	111.6E6	49.025	55.893
9)	A Endosulfan I	7.489	8.327	19887205	98766089	48.480	54.107
10)	B gamma-Chl...	7.363	8.196	21476138	112.0E6	49.110	54.826
11)	B alpha-Chl...	7.433	8.278	21608908	108.7E6	48.896	54.345
12)	B 4,4'-DDE	7.647	8.462	17615906	100.3E6	49.092	55.953
13)	MA Dieldrin	7.776	8.612	21298189	105.1E6	51.121	56.964
14)	MA Endrin	8.067	8.847	20931777	88163616	53.947	57.271
15)	B Endosulfa...	8.377	9.072	20578116	86573112	52.646	56.369
16)	A 4,4'-DDD	8.233	8.990	15853895	78290857	48.821	53.634
17)	MA 4,4'-DDT	8.494	9.308	18088495	84343611	47.830	51.601
18)	B Endrin al...	8.566	9.202	17103376	71199678	54.082	58.060m
19)	B Endosulfa...	8.797	9.441	20719149	84705797	49.048	53.745
20)	A Methoxychlor	9.090	9.789	12086411	45350919	47.114	50.330
21)	B Endrin ke...	9.316	9.930	24590718	86982305	50.265	52.698
22)	Mirex	9.505	10.407	21932826	68458845	46.511	50.395

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL040122\
Data File : PL073787.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 01 Apr 2022 19:39
Operator : AR\AJ
Sample : N2202-02MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

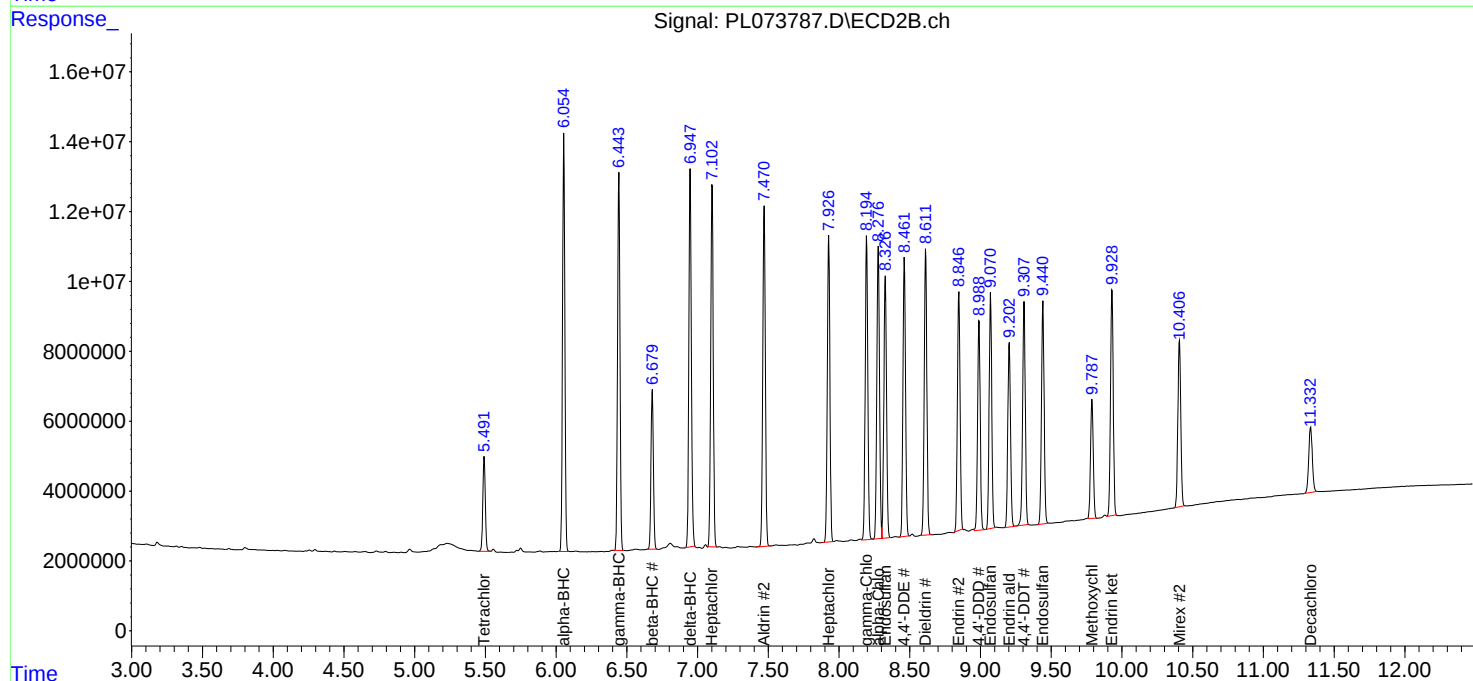
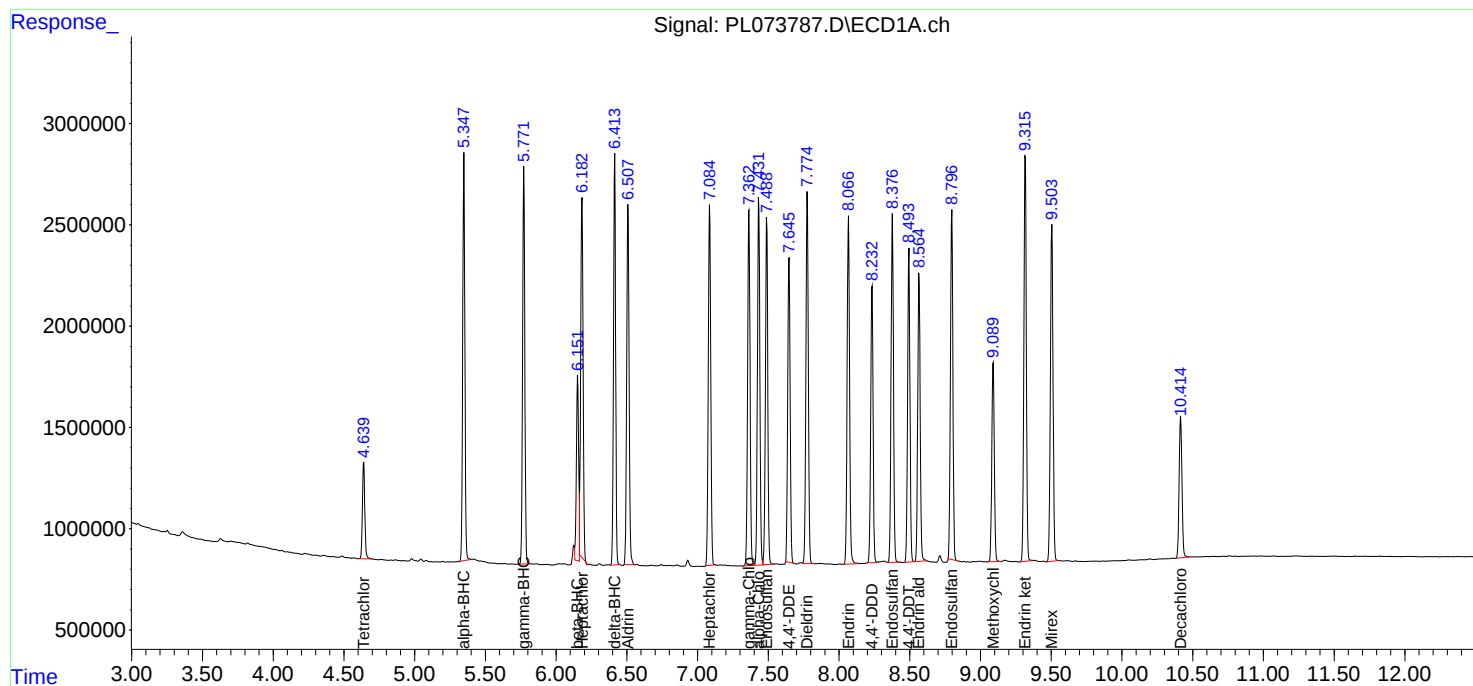
Instrument :
ECD_L
ClientSampleId :
MHMS

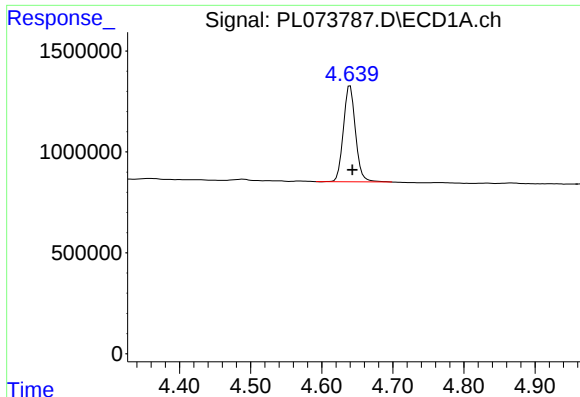
Manual Integrations
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Reviewed By : Abdul Mirza 04/04/2022
Supervised By : mohammad ahmed 04/04/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Apr 01 23:44:54 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031122.M
Quant Title : GC Extractables
QLast Update : Mon Mar 14 04:12:46 2022
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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





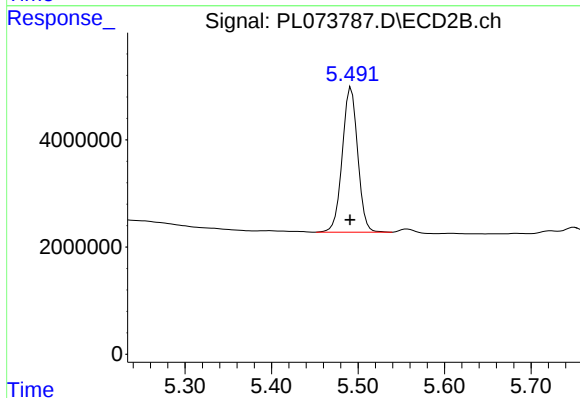
#1 Tetrachloro-m-xylene

R.T.: 4.640 min
Delta R.T.: -0.003 min
Response: 5632210
Conc: 17.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMS

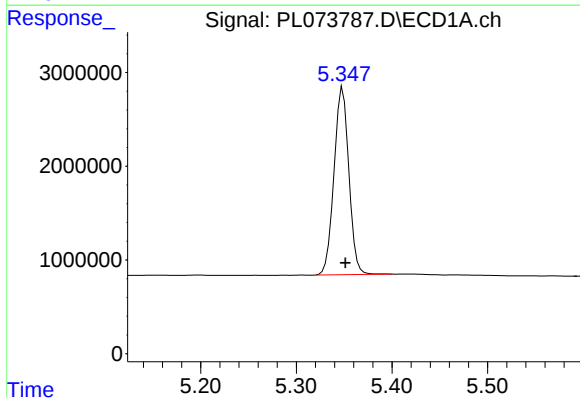
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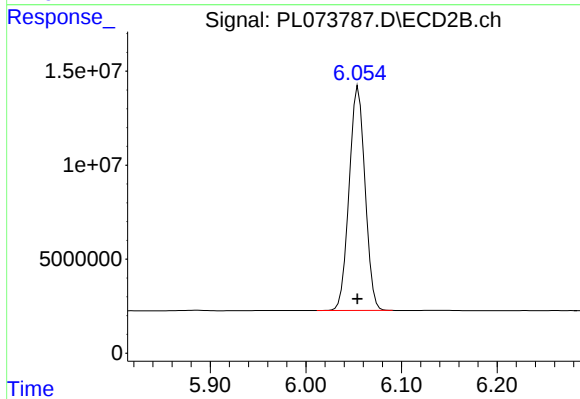
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 33229768
Conc: 20.25 ng/ml



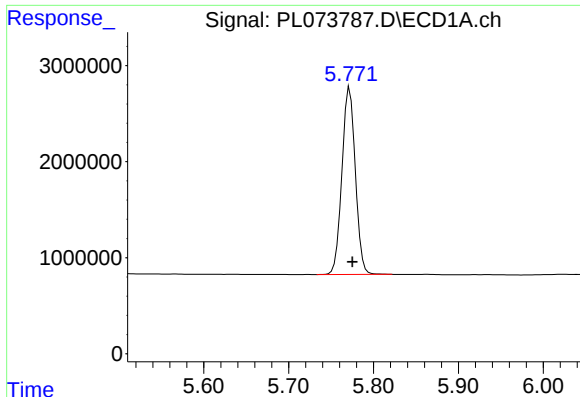
#2 alpha-BHC

R.T.: 5.349 min
Delta R.T.: -0.003 min
Response: 21518783
Conc: 52.20 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 138389496
Conc: 61.52 ng/ml



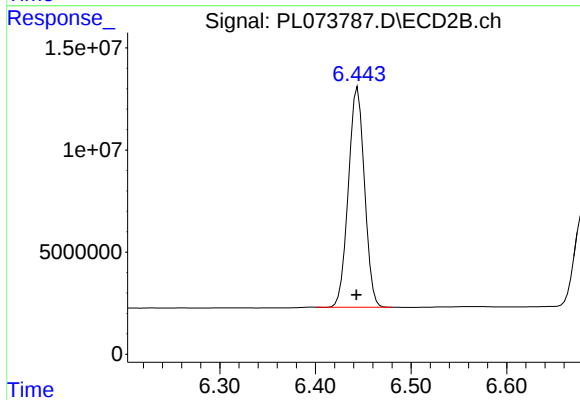
#3 gamma-BHC (Lindane)

R.T.: 5.772 min
Delta R.T.: -0.003 min
Response: 21312971
Conc: 51.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

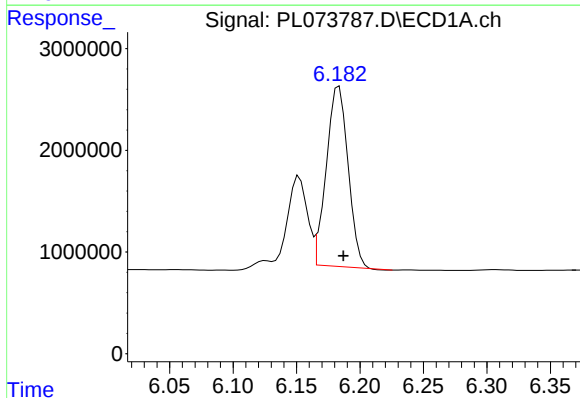
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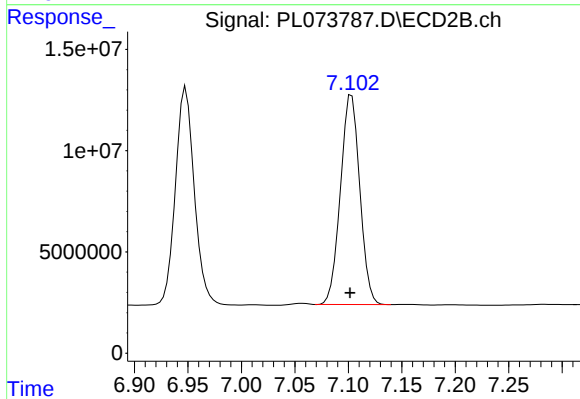
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.002 min
Response: 126817712
Conc: 59.40 ng/ml



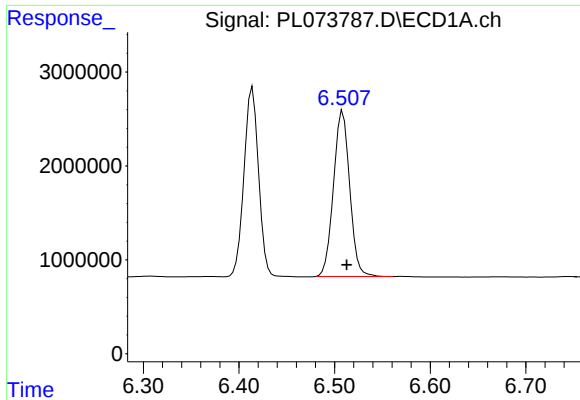
#4 Heptachlor

R.T.: 6.183 min
Delta R.T.: -0.003 min
Response: 21081462
Conc: 46.72 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 130344968
Conc: 55.63 ng/ml



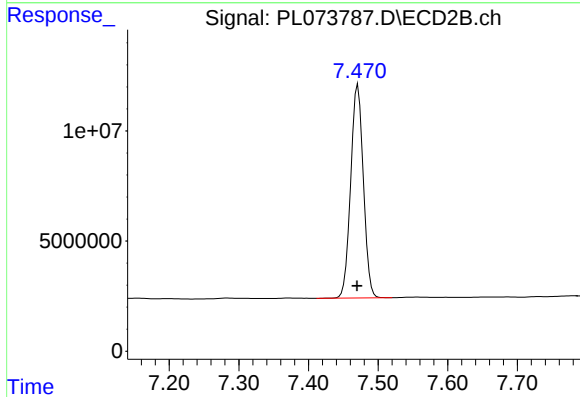
#5 Aldrin

R.T.: 6.509 min
Delta R.T.: -0.004 min
Response: 20757474
Conc: 50.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

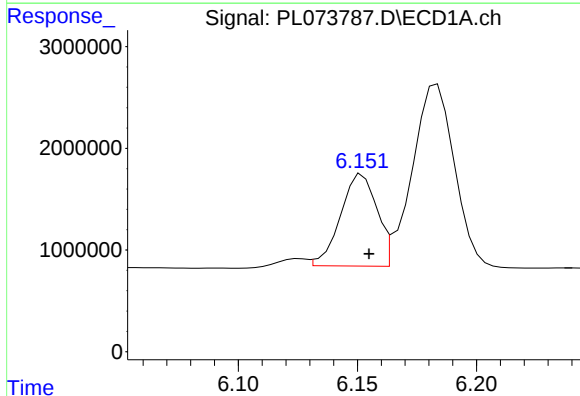
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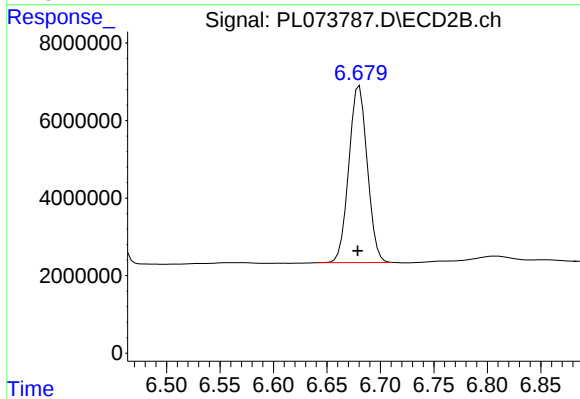
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 122370624
Conc: 58.41 ng/ml



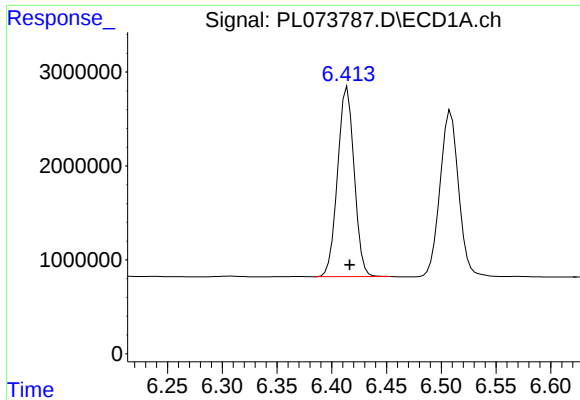
#6 beta-BHC

R.T.: 6.151 min
Delta R.T.: -0.004 min
Response: 9127390
Conc: 44.33 ng/ml m



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.002 min
Response: 54837914
Conc: 52.61 ng/ml



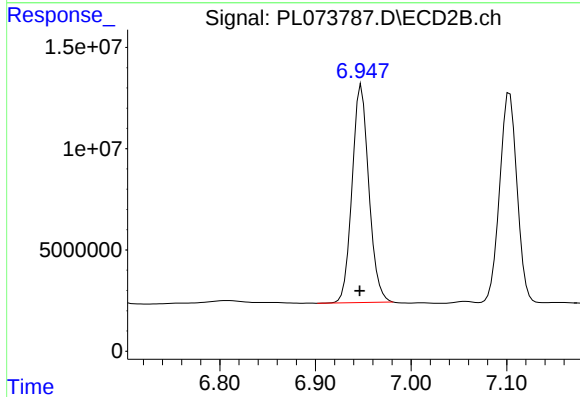
#7 delta-BHC

R.T.: 6.414 min
Delta R.T.: -0.002 min
Response: 21247862
Conc: 52.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

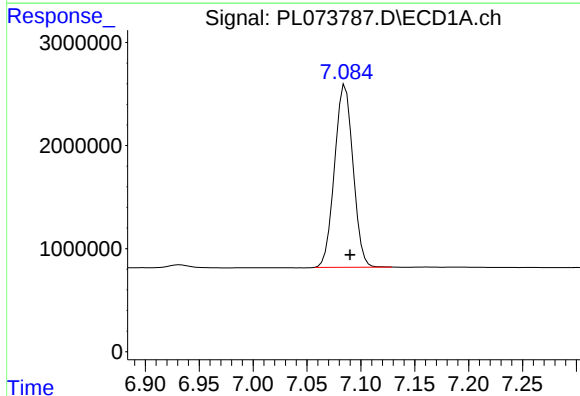
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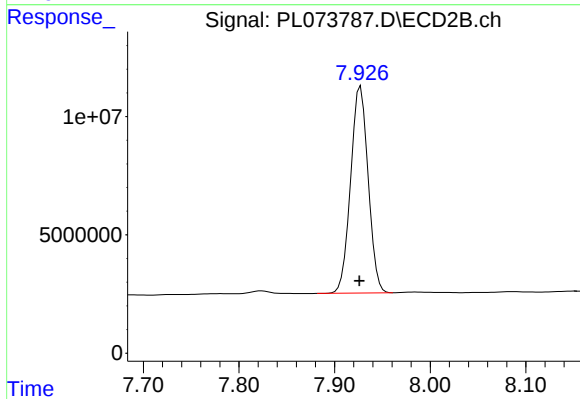
#7 delta-BHC

R.T.: 6.948 min
Delta R.T.: 0.002 min
Response: 130949275
Conc: 60.81 ng/ml



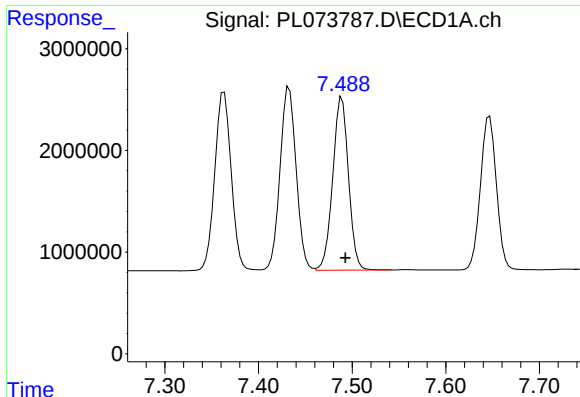
#8 Heptachlor epoxide

R.T.: 7.086 min
Delta R.T.: -0.005 min
Response: 21128779
Conc: 49.03 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 111635584
Conc: 55.89 ng/ml



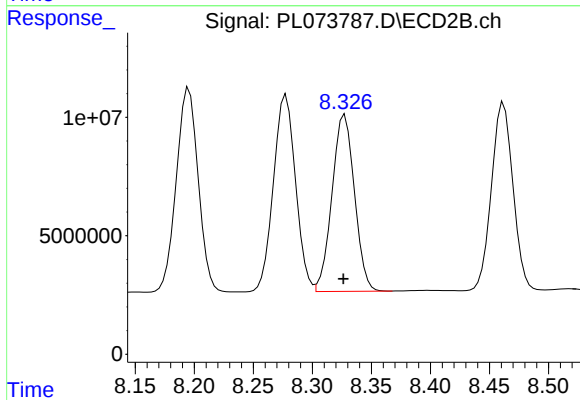
#9 Endosulfan I

R.T.: 7.489 min
Delta R.T.: -0.004 min
Response: 19887205
Conc: 48.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

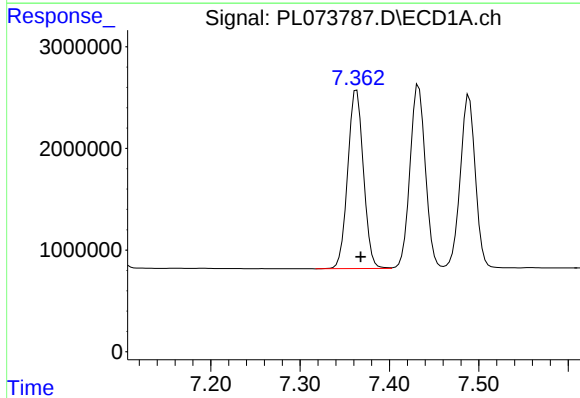
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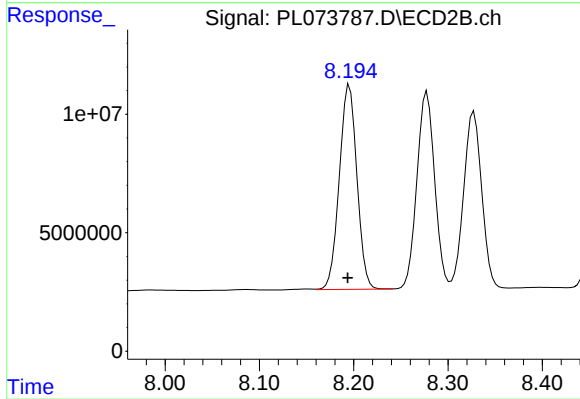
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 98766089
Conc: 54.11 ng/ml



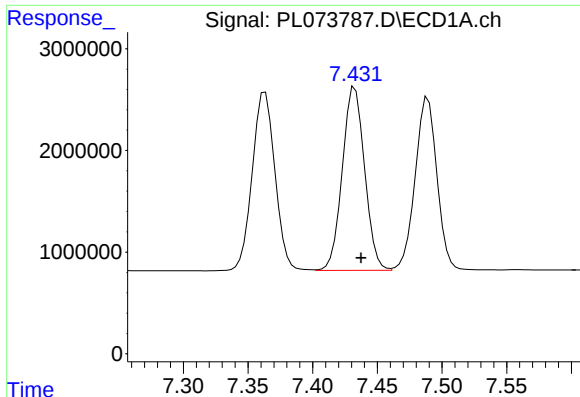
#10 gamma-Chlordane

R.T.: 7.363 min
Delta R.T.: -0.004 min
Response: 21476138
Conc: 49.11 ng/ml



#10 gamma-Chlordane

R.T.: 8.196 min
Delta R.T.: 0.002 min
Response: 111976215
Conc: 54.83 ng/ml



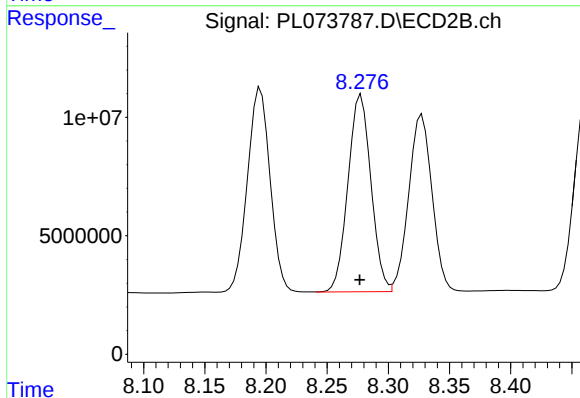
#11 alpha-Chlordane

R.T.: 7.433 min
Delta R.T.: -0.005 min
Response: 21608908
Conc: 48.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMS

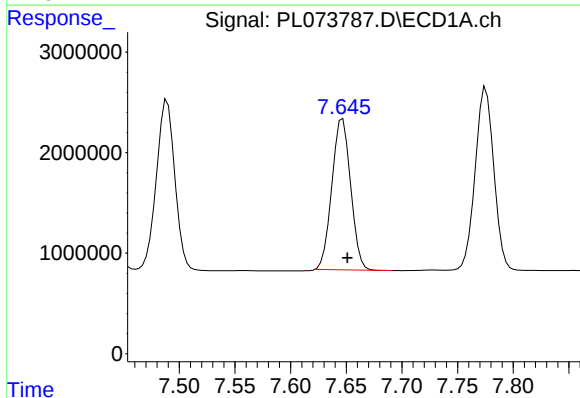
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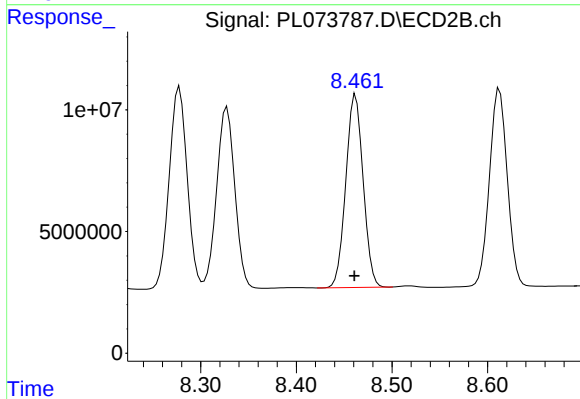
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 108690129
Conc: 54.34 ng/ml



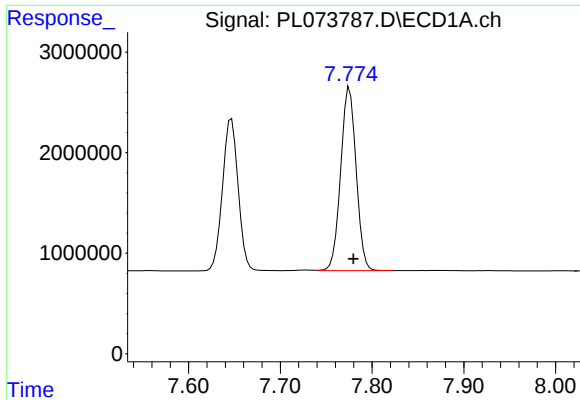
#12 4,4'-DDE

R.T.: 7.647 min
Delta R.T.: -0.004 min
Response: 17615906
Conc: 49.09 ng/ml



#12 4,4'-DDE

R.T.: 8.462 min
Delta R.T.: 0.001 min
Response: 100289495
Conc: 55.95 ng/ml



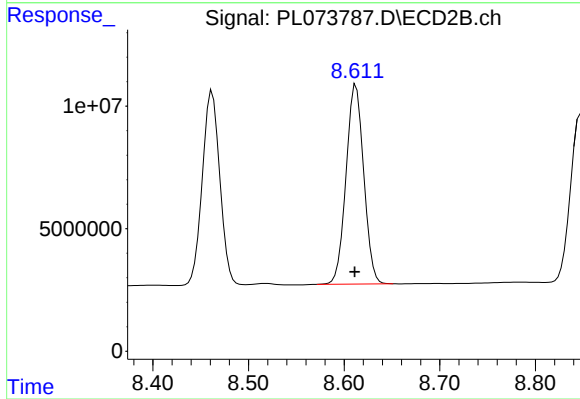
#13 Dieldrin

R.T.: 7.776 min
Delta R.T.: -0.004 min
Response: 21298189
Conc: 51.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

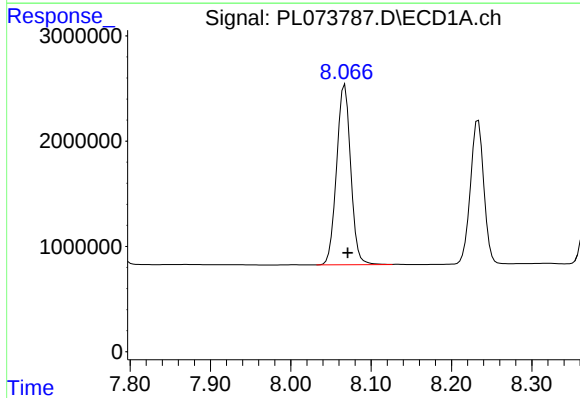
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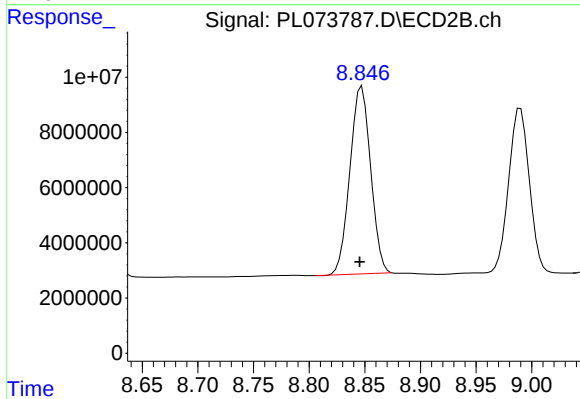
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.001 min
Response: 105083394
Conc: 56.96 ng/ml



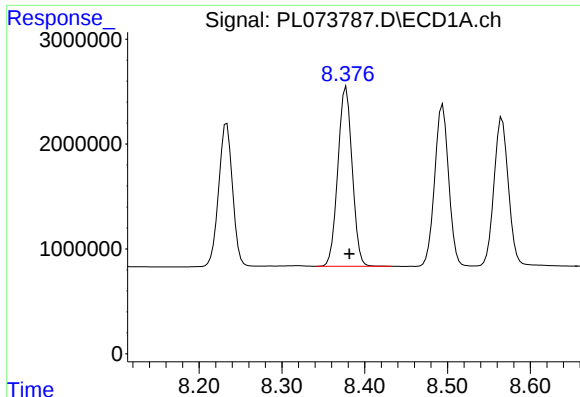
#14 Endrin

R.T.: 8.067 min
Delta R.T.: -0.004 min
Response: 20931777
Conc: 53.95 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 88163616
Conc: 57.27 ng/ml



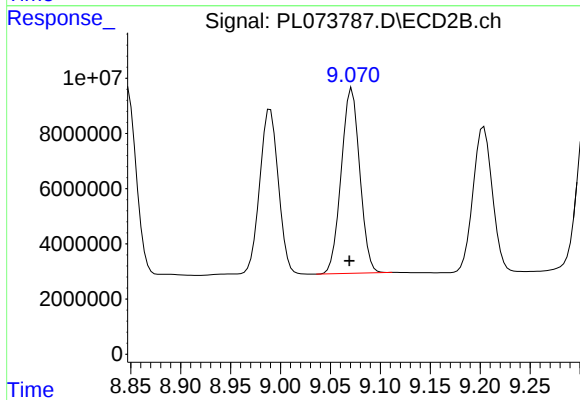
#15 Endosulfan II

R.T.: 8.377 min
Delta R.T.: -0.004 min
Response: 20578116
Conc: 52.65 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

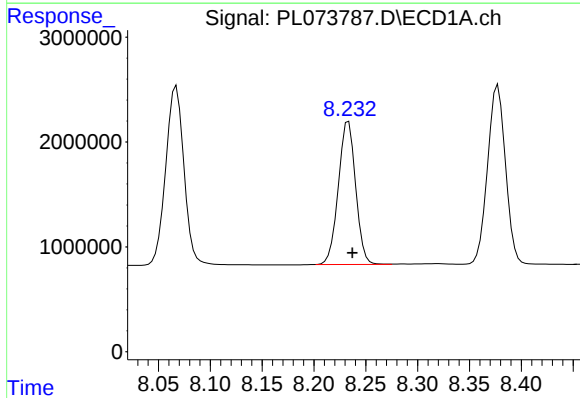
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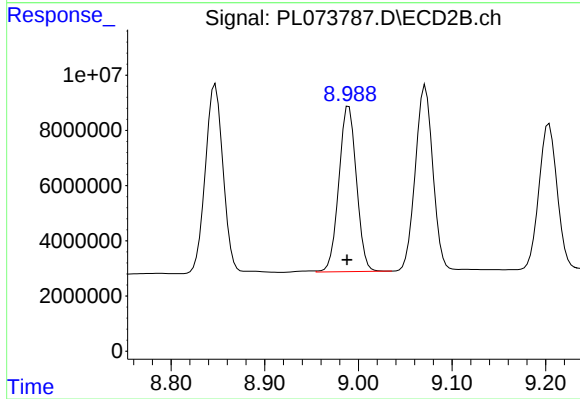
#15 Endosulfan II

R.T.: 9.072 min
Delta R.T.: 0.003 min
Response: 86573112
Conc: 56.37 ng/ml



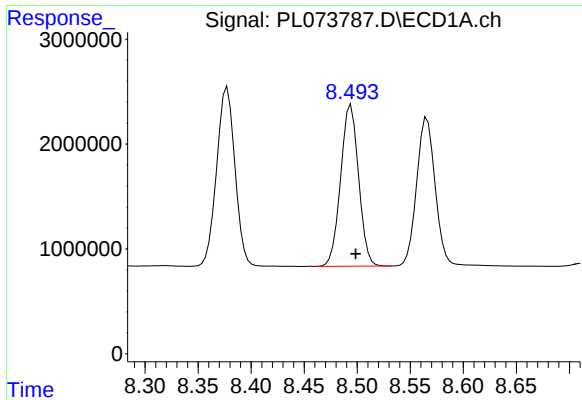
#16 4,4'-DDD

R.T.: 8.233 min
Delta R.T.: -0.004 min
Response: 15853895
Conc: 48.82 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 78290857
Conc: 53.63 ng/ml



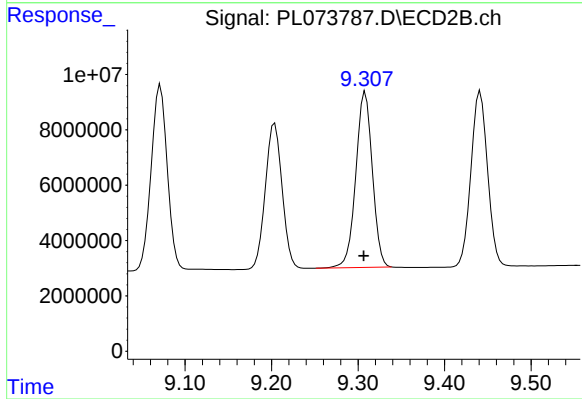
#17 4,4'-DDT

R.T.: 8.494 min
Delta R.T.: -0.005 min
Response: 18088495
Conc: 47.83 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

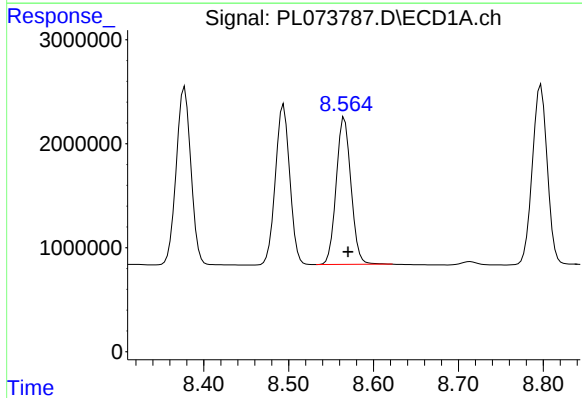
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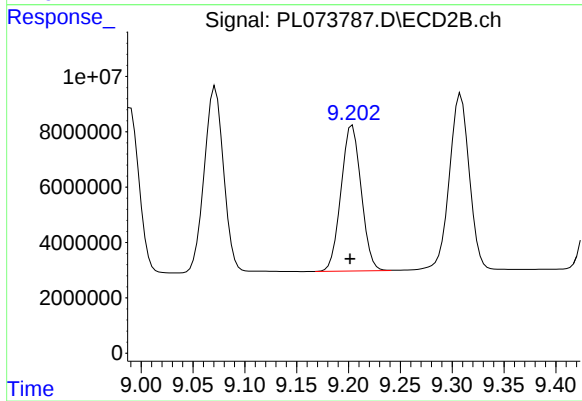
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 84343611
Conc: 51.60 ng/ml



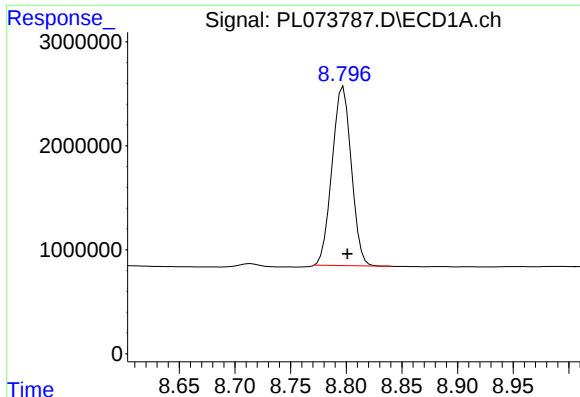
#18 Endrin aldehyde

R.T.: 8.566 min
Delta R.T.: -0.004 min
Response: 17103376
Conc: 54.08 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 71199678
Conc: 58.06 ng/ml m



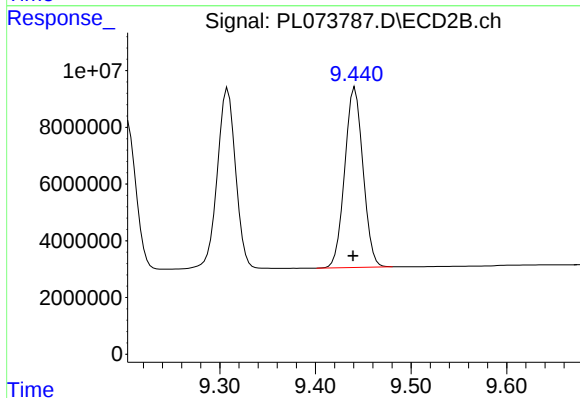
#19 Endosulfan Sulfate

R.T.: 8.797 min
Delta R.T.: -0.004 min
Response: 20719149
Conc: 49.05 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

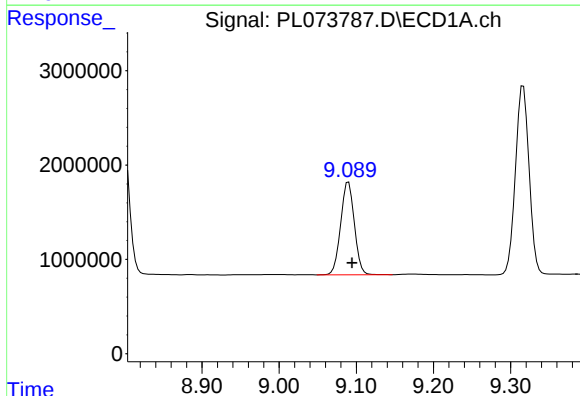
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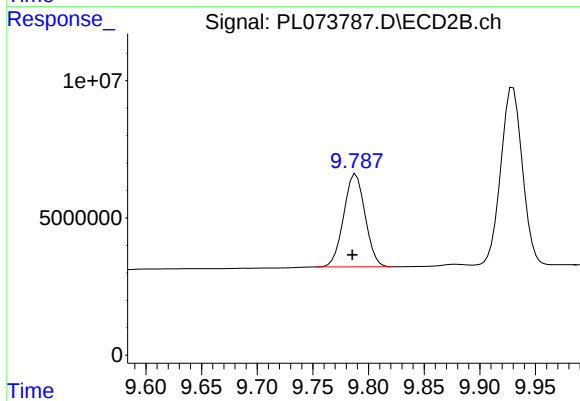
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 84705797
Conc: 53.74 ng/ml



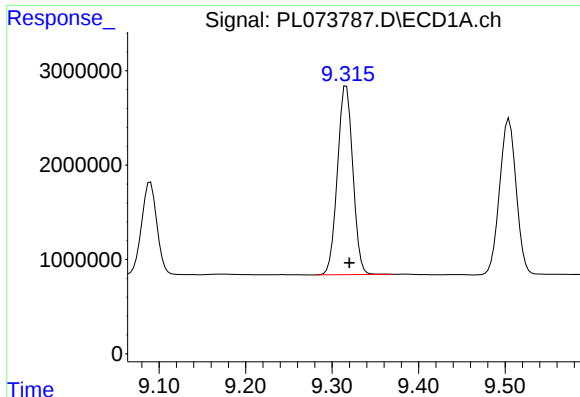
#20 Methoxychlor

R.T.: 9.090 min
Delta R.T.: -0.004 min
Response: 12086411
Conc: 47.11 ng/ml



#20 Methoxychlor

R.T.: 9.789 min
Delta R.T.: 0.003 min
Response: 45350919
Conc: 50.33 ng/ml



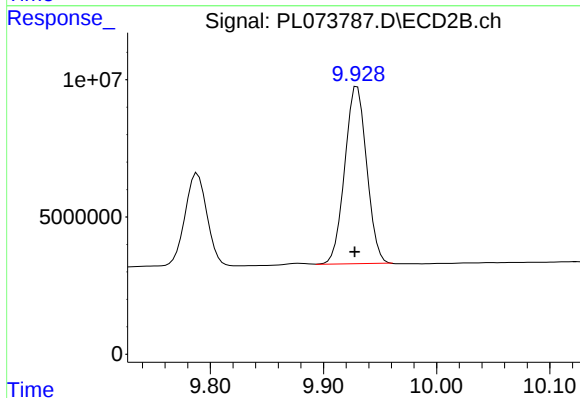
#21 Endrin ketone

R.T.: 9.316 min
Delta R.T.: -0.004 min
Response: 24590718
Conc: 50.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHMS

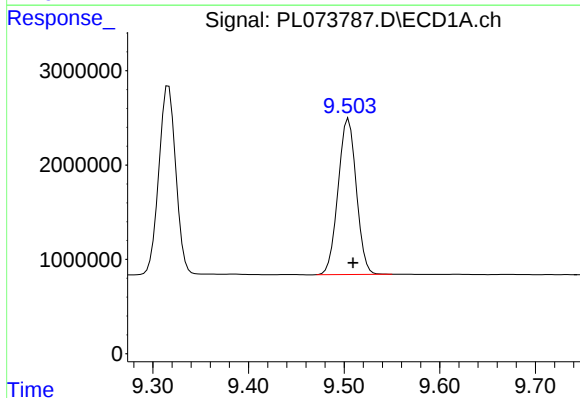
Manual Integrations
APPROVED

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



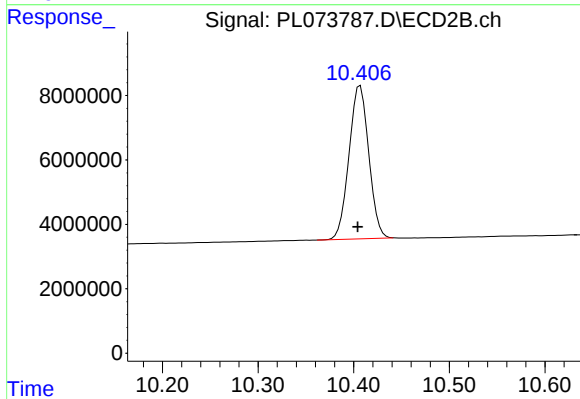
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 86982305
Conc: 52.70 ng/ml



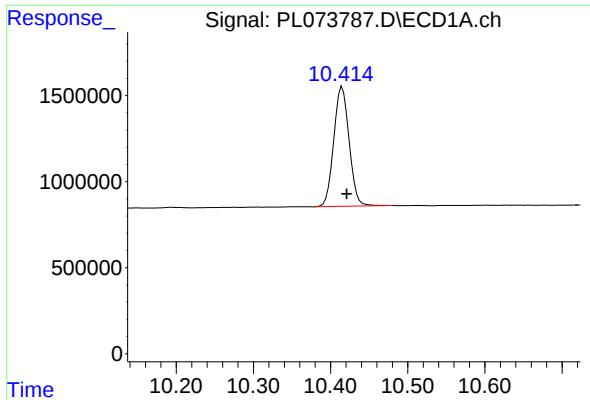
#22 Mirex

R.T.: 9.505 min
Delta R.T.: -0.005 min
Response: 21932826
Conc: 46.51 ng/ml



#22 Mirex

R.T.: 10.407 min
Delta R.T.: 0.003 min
Response: 68458845
Conc: 50.39 ng/ml



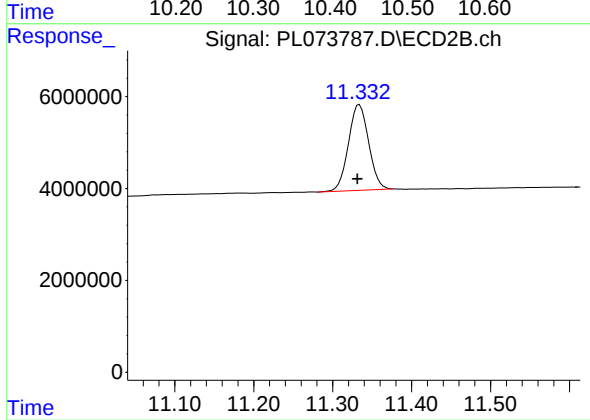
#28 Decachlorobiphenyl

R.T.: 10.415 min
Delta R.T.: -0.006 min
Response: 9659058
Conc: 19.00 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHEMS

Manual Integrations
APPROVED

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



#28 Decachlorobiphenyl

R.T.: 11.334 min
Delta R.T.: 0.003 min
Response: 33323881
Conc: 18.64 ng/ml