

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
 Data File : PL073486.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Mar 2022 19:31
 Operator : AR\AJ
 Sample : N1974-13MSD
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 B-3MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/21/2022
 Supervised By : mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 19 01:14:20 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...	4.642	5.492	5551037	32783012	17.331	19.974
28)	SA Decachlor...	10.417	11.332	9454818	33982964	18.594	19.004
Target Compounds							
2)	A alpha-BHC	5.351	6.055	21181243	133.8E6	51.385	59.475
3)	MA gamma-BHC...	5.774	6.444	21182028	124.8E6	50.780	58.435
4)	MA Heptachlor	6.186	7.103	22783714	135.3E6	50.496	57.728
5)	MB Aldrin	6.511	7.471	20771551	123.4E6	50.274	58.915
6)	B beta-BHC	6.154	6.680	10232505	55849731	49.697	53.579
7)	B delta-BHC	6.416	6.947	20911855	124.3E6	52.065	57.696
8)	B Heptachlo...	7.088	7.927	21658208	115.6E6	50.253	57.857
9)	A Endosulfan I	7.491	8.327	20831879	104.4E6	50.782	57.171
10)	B gamma-Chl...	7.366	8.195	21967962	116.2E6	50.235	56.887
11)	B alpha-Chl...	7.436	8.277	22245238	114.0E6	50.336	57.012
12)	B 4,4'-DDE	7.649	8.461	18244949	104.6E6	50.845	58.337
13)	MA Dieldrin	7.778	8.612	21353225	106.8E6	51.253	57.868
14)	MA Endrin	8.069	8.846	20391436	88168076	52.555	57.274
15)	B Endosulfa...	8.379	9.070	19659795	85546663	50.297	55.700
16)	A 4,4'-DDD	8.235	8.989	16558003	82935438	50.989	56.816
17)	MA 4,4'-DDT	8.496	9.307	18953160	90463516	50.116	55.345
18)	B Endrin al...	8.568	9.201	15074939	64889680	47.668	52.915m
19)	B Endosulfa...	8.799	9.440	21110680	87080317	49.975	55.252
20)	A Methoxychlor	9.092	9.786	12300398	47507321	47.948	52.723
21)	B Endrin ke...	9.318	9.928	25278844	91991840	51.671	55.733
22)	Mirex	9.506	10.405	25644451	82756276	54.382	60.919

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031822\
Data File : PL073486.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 18 Mar 2022 19:31
Operator : AR\AJ
Sample : N1974-13MSD
Misc :
ALS Vial : 29 Sample Multiplier: 1

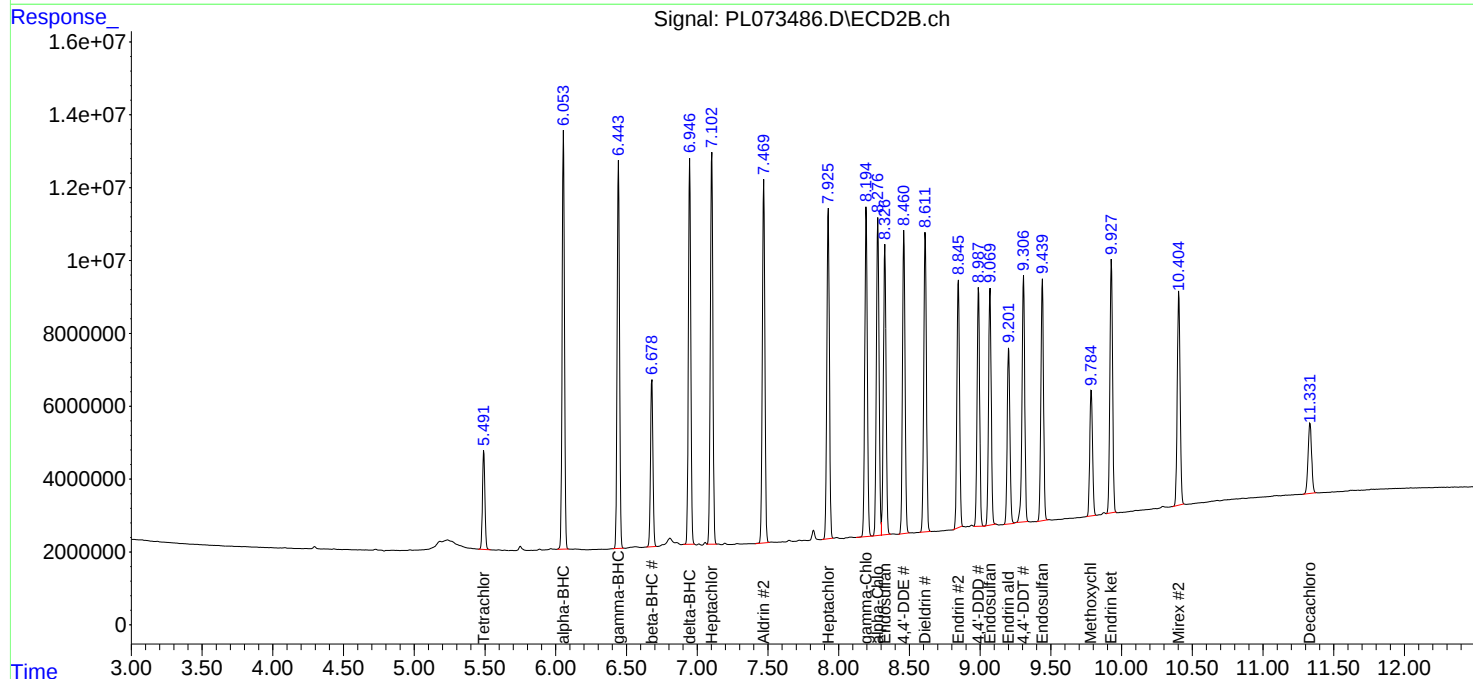
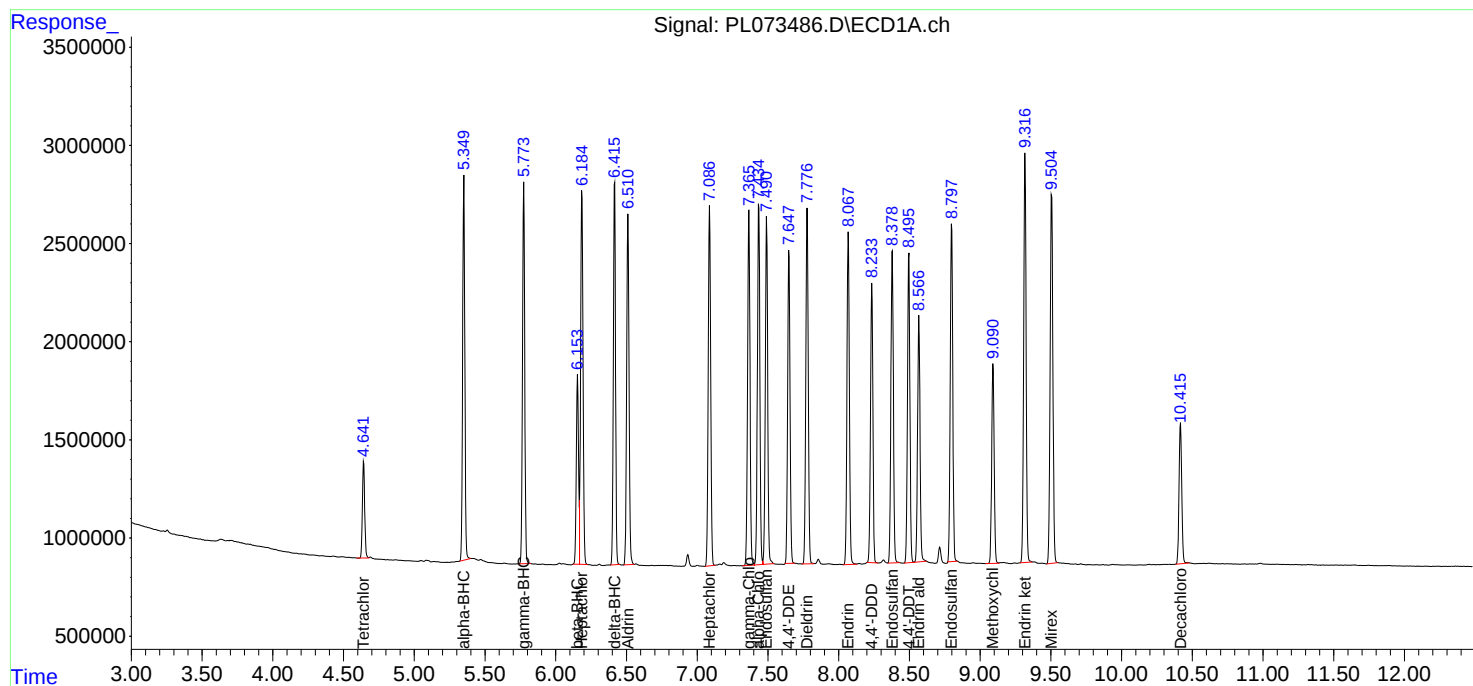
Instrument :
ECD_L
ClientSampleId :
B-3MSD

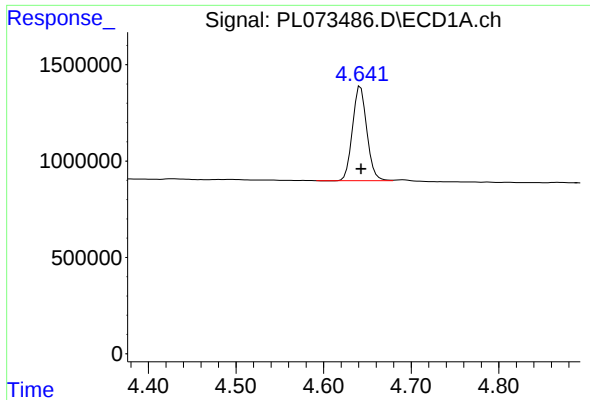
Manual Integrations
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Supervised By :mohammad ahmed 03/22/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 19 01:14:20 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





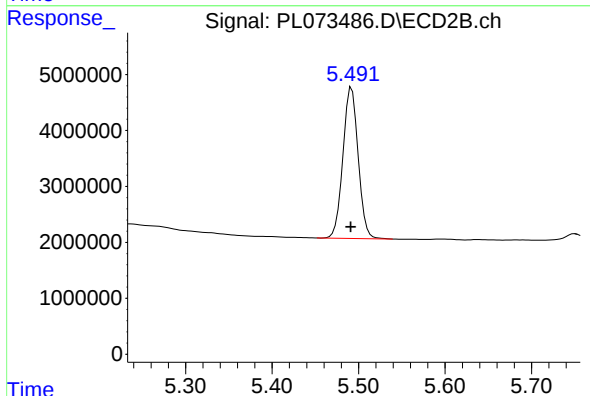
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 5551037
Conc: 17.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

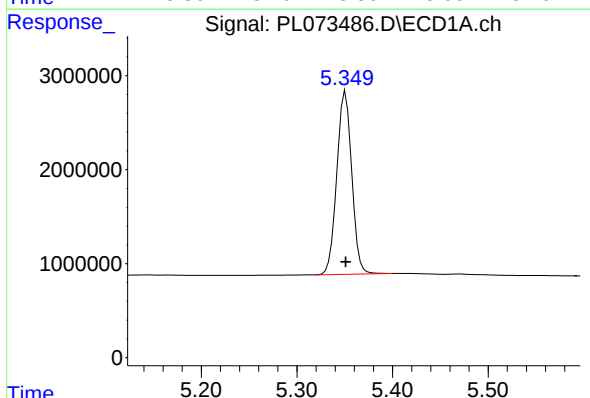
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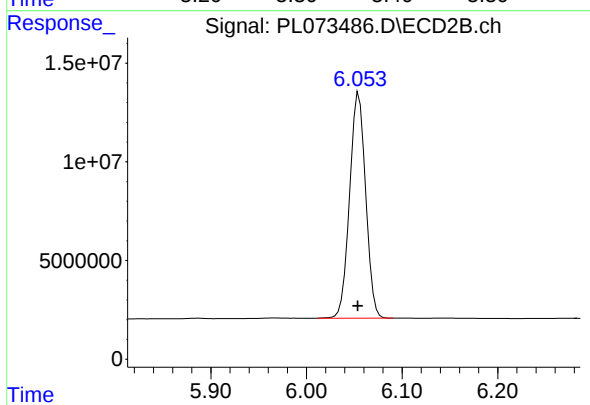
#1 Tetrachloro-m-xylene

R.T.: 5.492 min
Delta R.T.: 0.000 min
Response: 32783012
Conc: 19.97 ng/ml



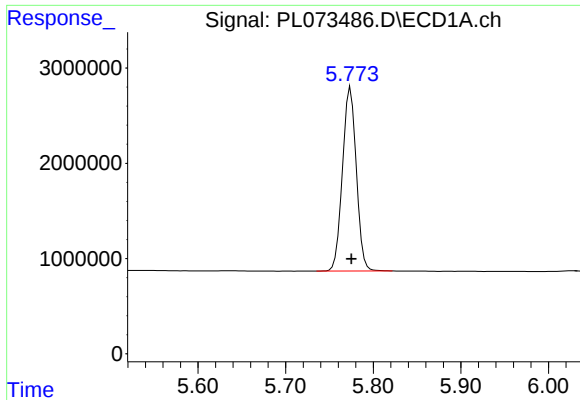
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 21181243
Conc: 51.39 ng/ml



#2 alpha-BHC

R.T.: 6.055 min
Delta R.T.: 0.001 min
Response: 133798108
Conc: 59.48 ng/ml



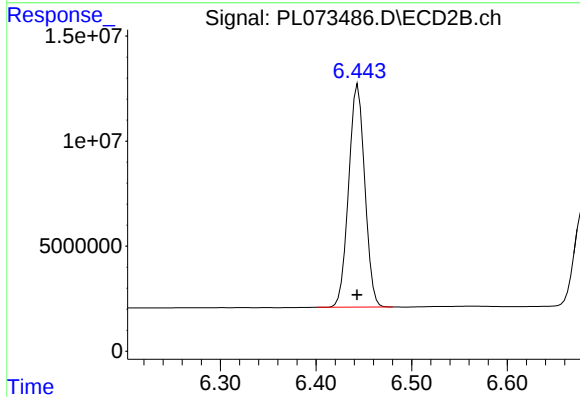
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 21182028
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

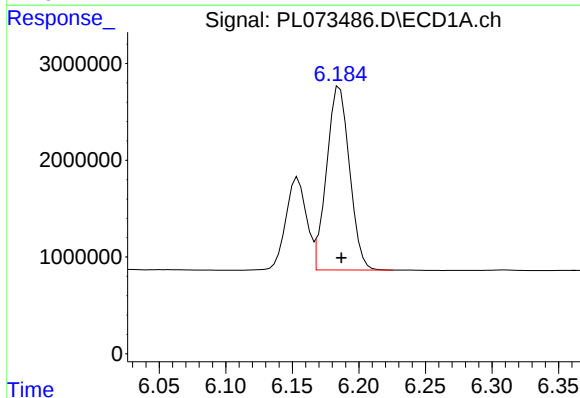
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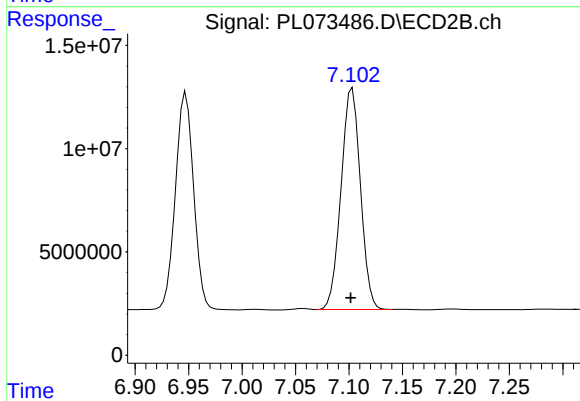
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.001 min
Response: 124763171
Conc: 58.43 ng/ml



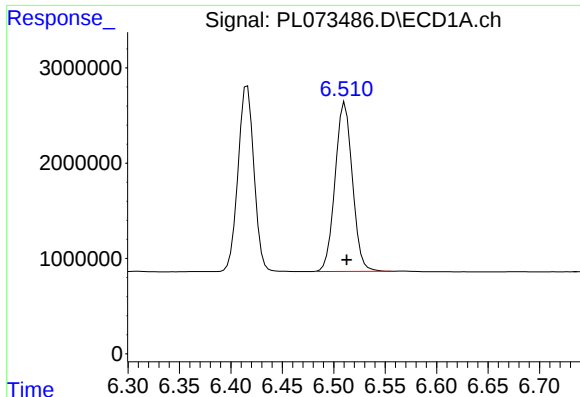
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 22783714
Conc: 50.50 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.002 min
Response: 135263043
Conc: 57.73 ng/ml



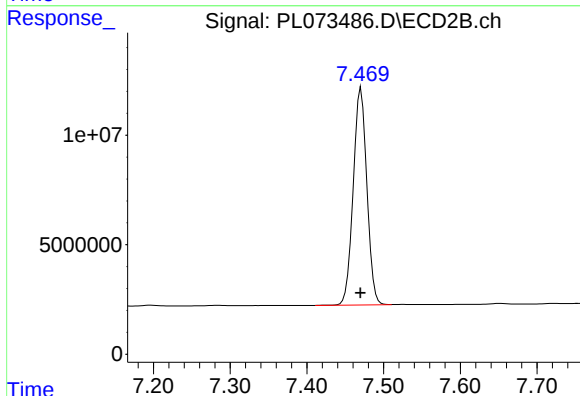
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 20771551
Conc: 50.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

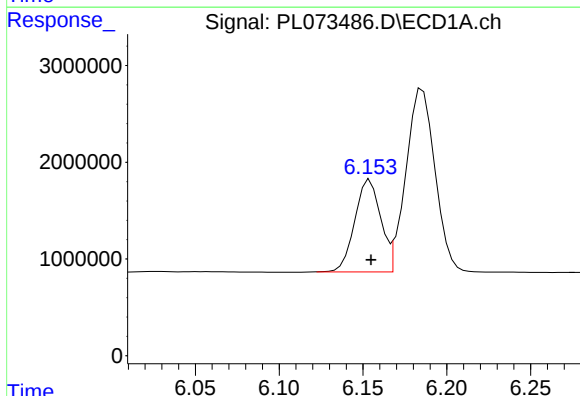
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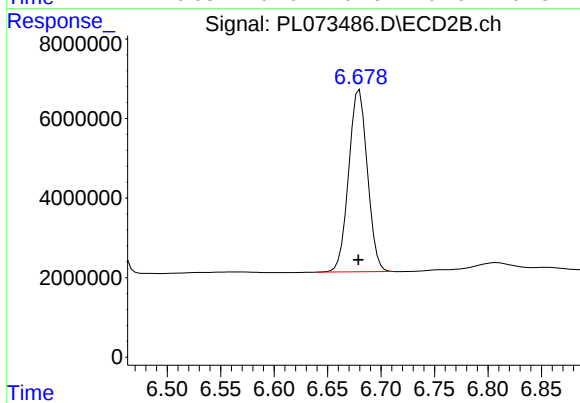
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.000 min
Response: 123425661
Conc: 58.91 ng/ml



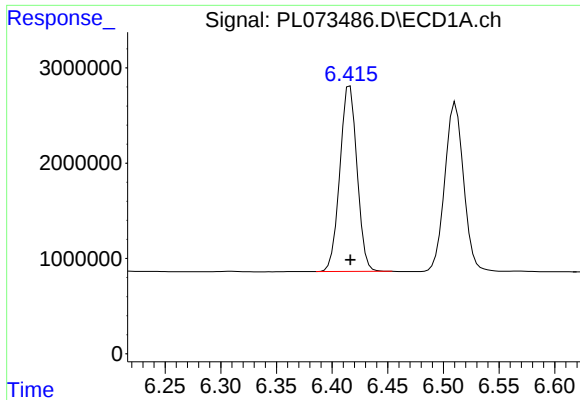
#6 beta-BHC

R.T.: 6.154 min
Delta R.T.: 0.000 min
Response: 10232505
Conc: 49.70 ng/ml



#6 beta-BHC

R.T.: 6.680 min
Delta R.T.: 0.001 min
Response: 55849731
Conc: 53.58 ng/ml



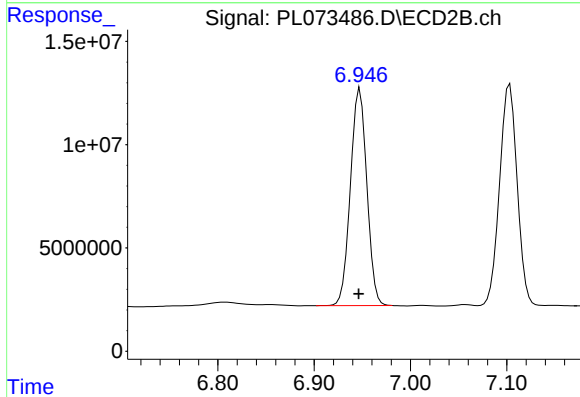
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 20911855
Conc: 52.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

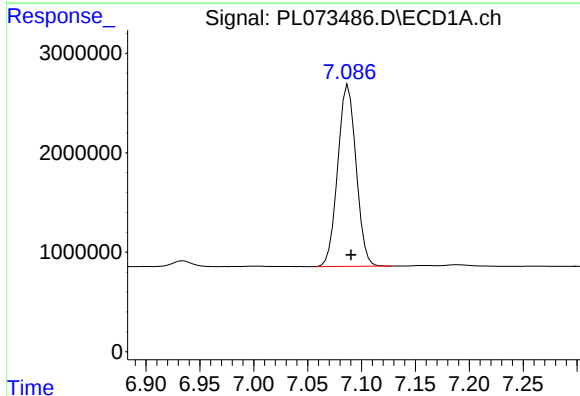
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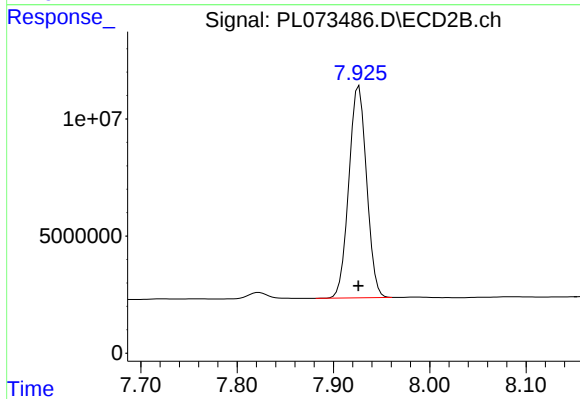
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 124252224
Conc: 57.70 ng/ml



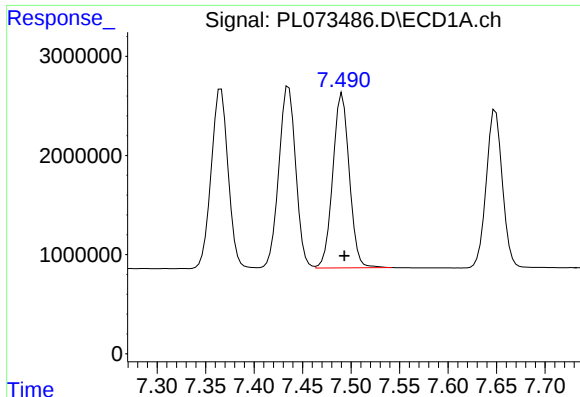
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.002 min
Response: 21658208
Conc: 50.25 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.000 min
Response: 115557686
Conc: 57.86 ng/ml



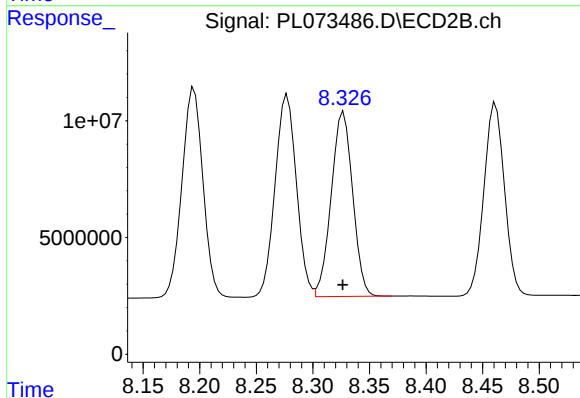
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 20831879
Conc: 50.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

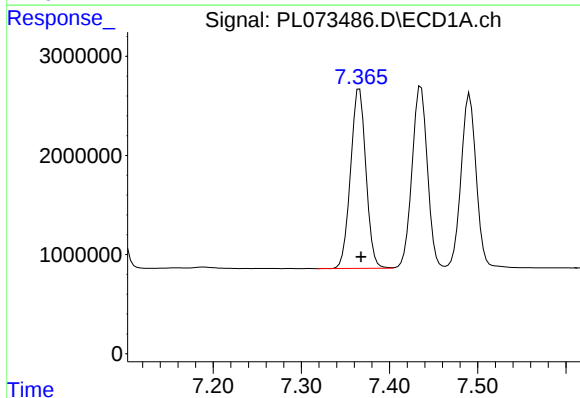
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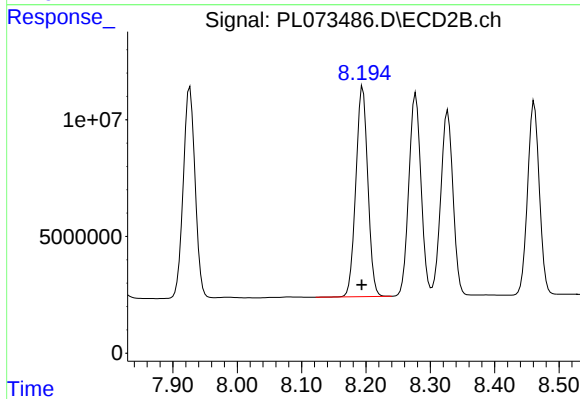
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.000 min
Response: 104360317
Conc: 57.17 ng/ml



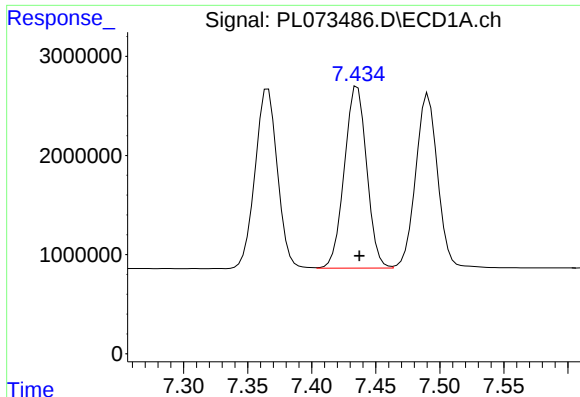
#10 gamma-Chlordane

R.T.: 7.366 min
Delta R.T.: -0.002 min
Response: 21967962
Conc: 50.24 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 116186007
Conc: 56.89 ng/ml



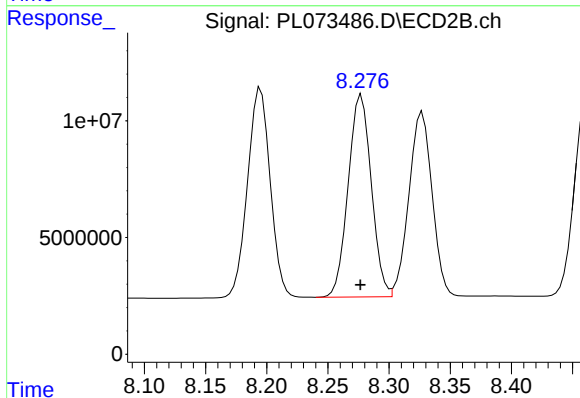
#11 alpha-Chlordane

R.T.: 7.436 min
Delta R.T.: -0.002 min
Response: 22245238
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

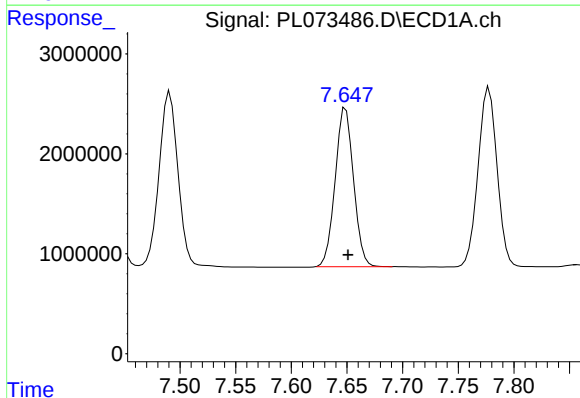
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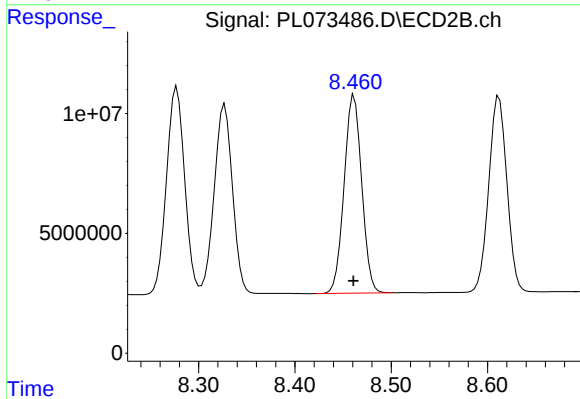
#11 alpha-Chlordane

R.T.: 8.277 min
Delta R.T.: 0.000 min
Response: 114024385
Conc: 57.01 ng/ml



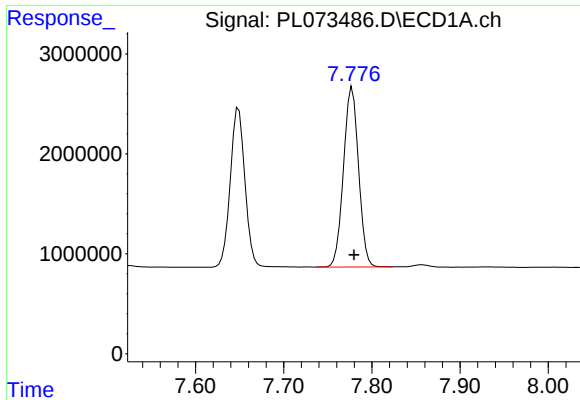
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 18244949
Conc: 50.84 ng/ml



#12 4,4'-DDE

R.T.: 8.461 min
Delta R.T.: 0.000 min
Response: 104562749
Conc: 58.34 ng/ml



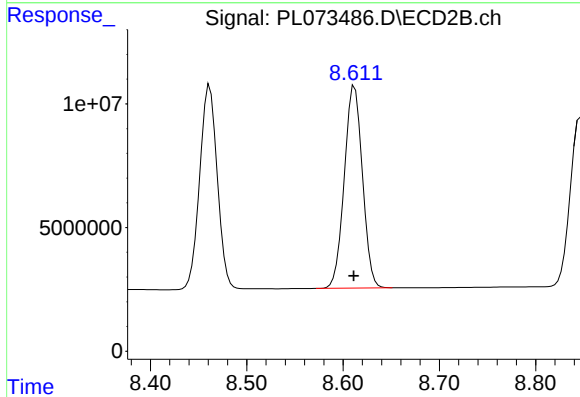
#13 Dieldrin

R.T.: 7.778 min
Delta R.T.: -0.002 min
Response: 21353225
Conc: 51.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

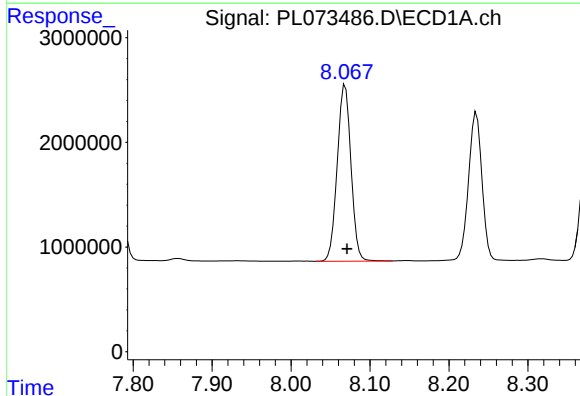
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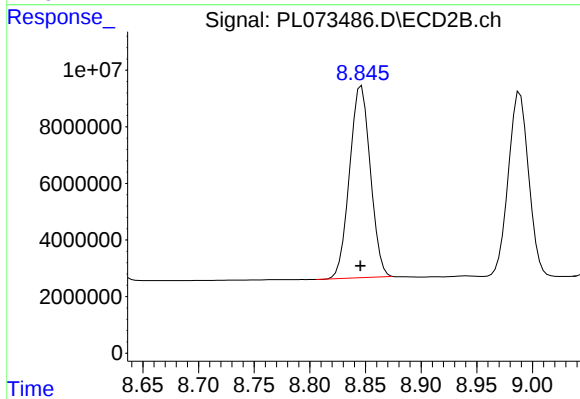
#13 Dieldrin

R.T.: 8.612 min
Delta R.T.: 0.000 min
Response: 106750683
Conc: 57.87 ng/ml



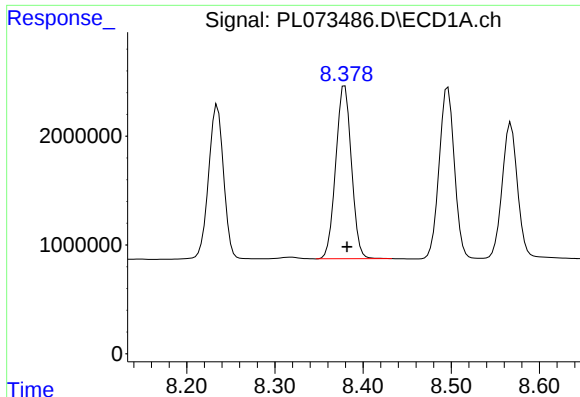
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 20391436
Conc: 52.55 ng/ml



#14 Endrin

R.T.: 8.846 min
Delta R.T.: 0.000 min
Response: 88168076
Conc: 57.27 ng/ml



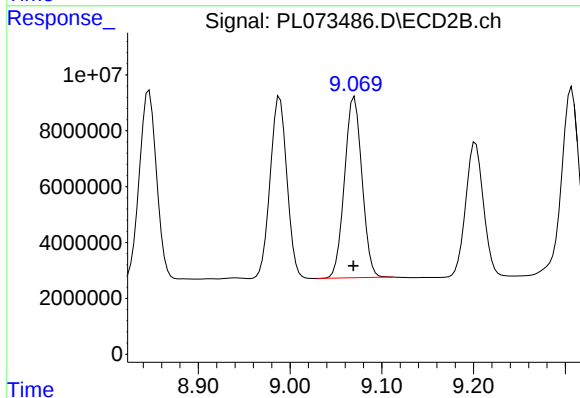
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 19659795
Conc: 50.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

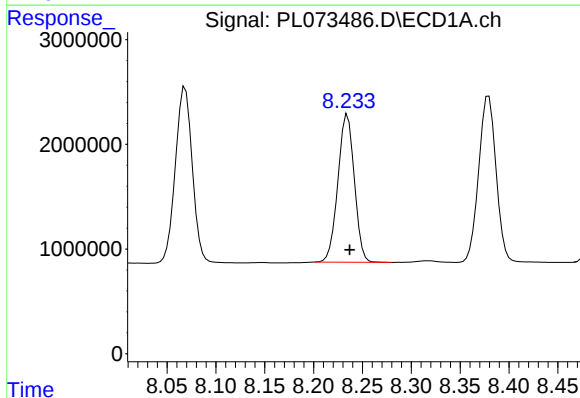
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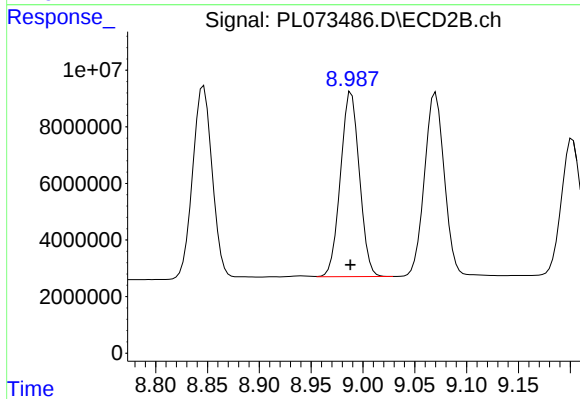
#15 Endosulfan II

R.T.: 9.070 min
Delta R.T.: 0.001 min
Response: 85546663
Conc: 55.70 ng/ml



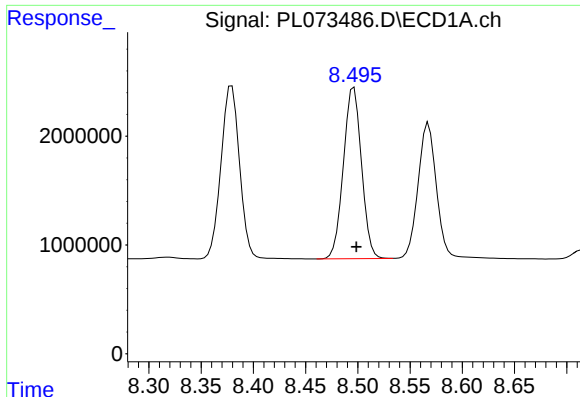
#16 4,4'-DDD

R.T.: 8.235 min
Delta R.T.: -0.002 min
Response: 16558003
Conc: 50.99 ng/ml



#16 4,4'-DDD

R.T.: 8.989 min
Delta R.T.: 0.000 min
Response: 82935438
Conc: 56.82 ng/ml



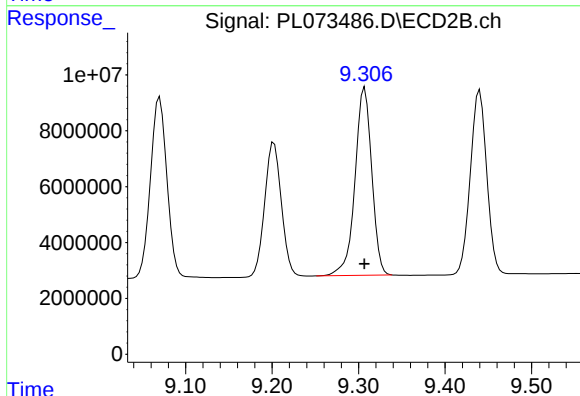
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.002 min
Response: 18953160
Conc: 50.12 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

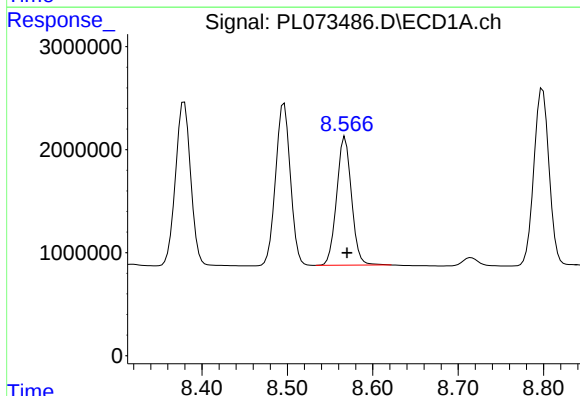
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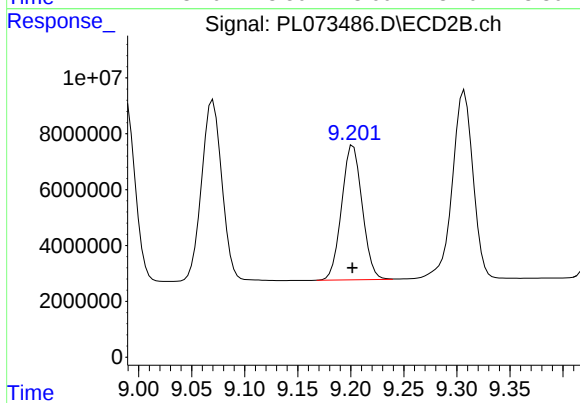
#17 4,4'-DDT

R.T.: 9.307 min
Delta R.T.: 0.000 min
Response: 90463516
Conc: 55.35 ng/ml



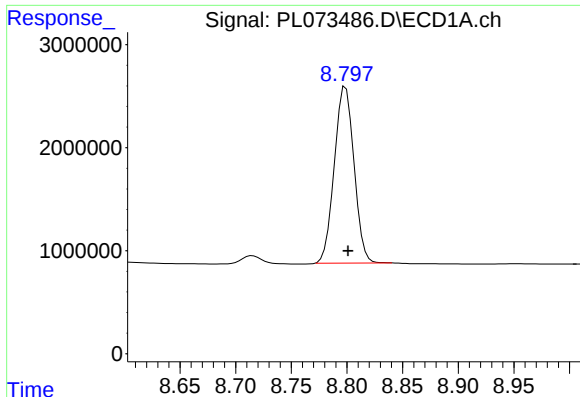
#18 Endrin aldehyde

R.T.: 8.568 min
Delta R.T.: -0.002 min
Response: 15074939
Conc: 47.67 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: 0.000 min
Response: 64889680
Conc: 52.91 ng/ml m



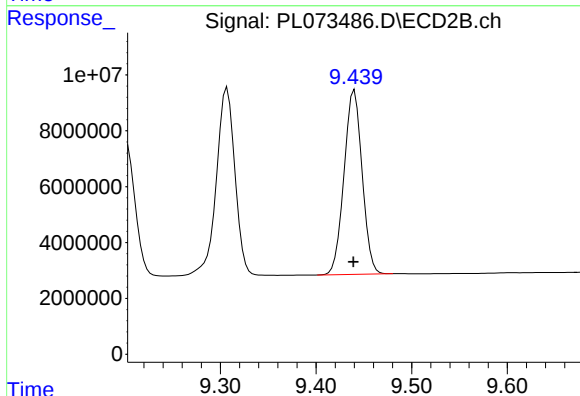
#19 Endosulfan Sulfate

R.T.: 8.799 min
Delta R.T.: -0.002 min
Response: 21110680
Conc: 49.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

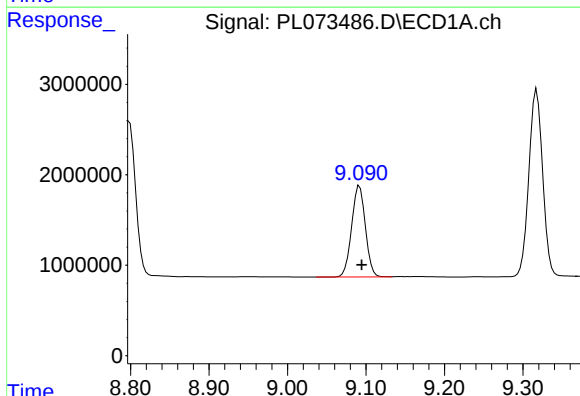
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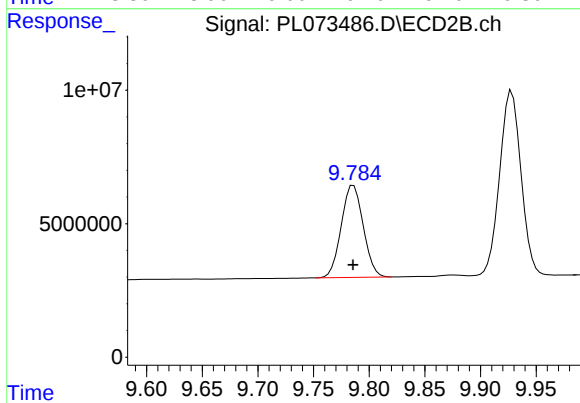
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: 0.000 min
Response: 87080317
Conc: 55.25 ng/ml



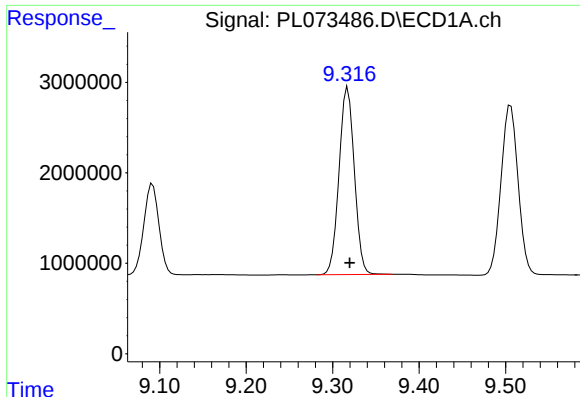
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 12300398
Conc: 47.95 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: 0.000 min
Response: 47507321
Conc: 52.72 ng/ml



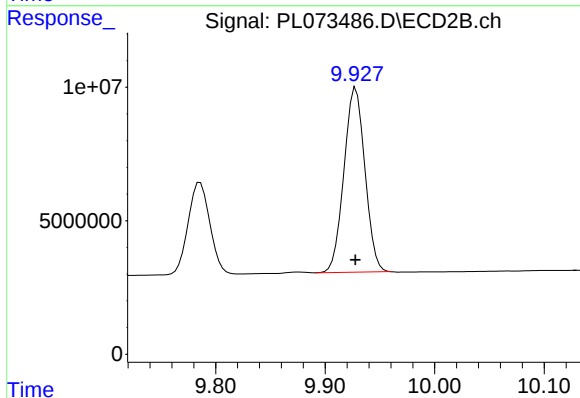
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 25278844
Conc: 51.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

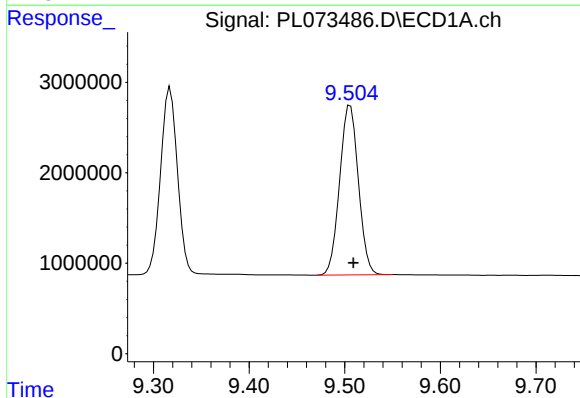
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 03/21/2022
Supervised By :mohammad ahmed 03/22/2022



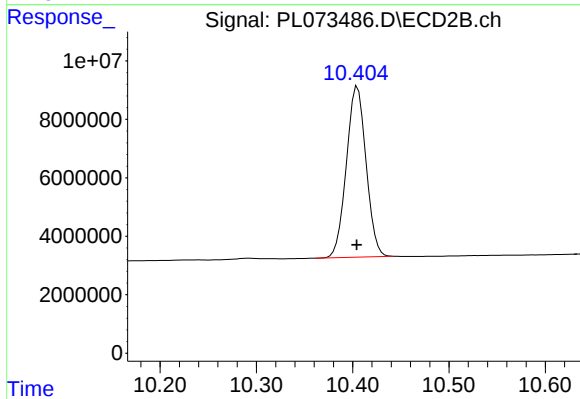
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: 0.000 min
Response: 91991840
Conc: 55.73 ng/ml



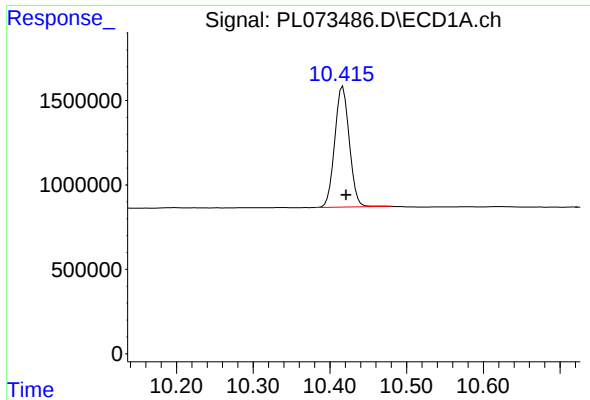
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.003 min
Response: 25644451
Conc: 54.38 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: 0.000 min
Response: 82756276
Conc: 60.92 ng/ml



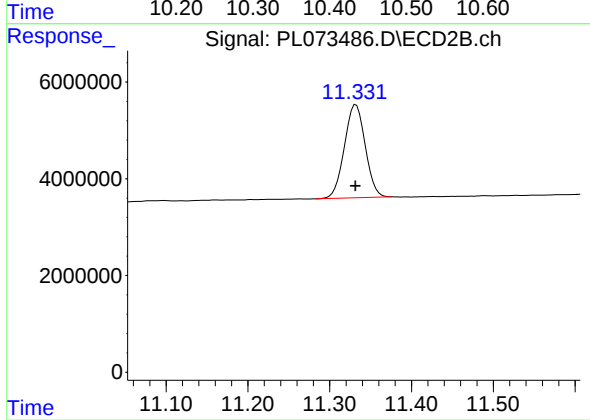
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 9454818
Conc: 18.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
B-3MSD

Manual Integrations
APPROVED

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#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: 0.000 min
Response: 33982964
Conc: 19.00 ng/ml