

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL032822\
 Data File : PL073709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 15:54
 Operator : AR\AJ
 Sample : N2140-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 MHCMSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 03/29/2022
 Supervised By : mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:47 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	5.491	5507367	28089414	17.195	17.115
28)	SA Decachlor...	10.417	11.335	8875730	29063267	17.455	16.253
Target Compounds							
2)	A alpha-BHC	5.351	6.054	18178767	105.2E6	44.102	46.784
3)	MA gamma-BHC...	5.774	6.444	17969692	97877344	43.079	45.842
4)	MA Heptachlor	6.186	7.103	18781885	100.8E6	41.627	43.033
5)	MB Aldrin	6.511	7.471	18443888	98260107	44.640	46.903
6)	B beta-BHC	6.155	6.679	8908317	43842251	43.266	42.060
7)	B delta-BHC	6.416	6.947	18044494	98693363	44.926	45.828
8)	B Heptachlo...	7.088	7.927	18560795	88893489	43.067	44.507
9)	A Endosulfan I	7.491	8.327	17579719	79262158	42.855	43.422
10)	B gamma-Chl...	7.365	8.195	19070175	90019851	43.609	44.075
11)	B alpha-Chl...	7.435	8.278	19182447	87870345	43.406	43.935
12)	B 4,4'-DDE	7.649	8.463	15928582	80608388	44.389	44.973
13)	MA Dieldrin	7.777	8.613	18663121	83820603	44.796	45.438
14)	MA Endrin	8.069	8.847	17847080	68306438	45.997	44.372
15)	B Endosulfa...	8.379	9.071	18373796	70637405	47.007	45.993
16)	A 4,4'-DDD	8.234	8.990	14540888	63910521	44.777	43.783
17)	MA 4,4'-DDT	8.496	9.308	15362802	63522860	40.623	38.863
18)	B Endrin al...	8.567	9.202	15321406	58126428	48.447	47.399m
19)	B Endosulfa...	8.798	9.441	18677620	68524337	44.215	43.478
20)	A Methoxychlor	9.092	9.788	10533730	35249040	41.062	39.119
21)	B Endrin ke...	9.318	9.930	22266336	70973266	45.514	42.999
22)	Mirex	9.506	10.406	20392991	57052863	43.246	41.998

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

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 Data File : PL073709.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Mar 2022 15:54
 Operator : AR\AJ
 Sample : N2140-01MSD
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

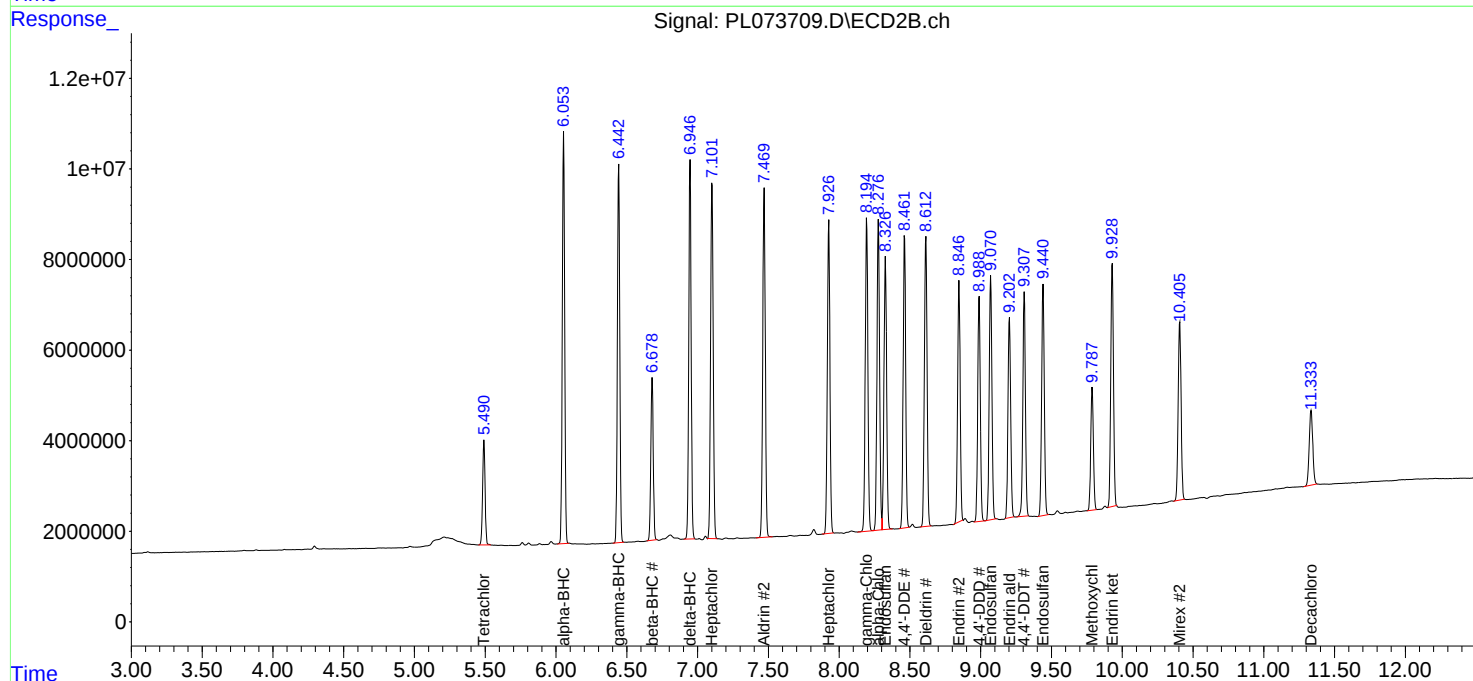
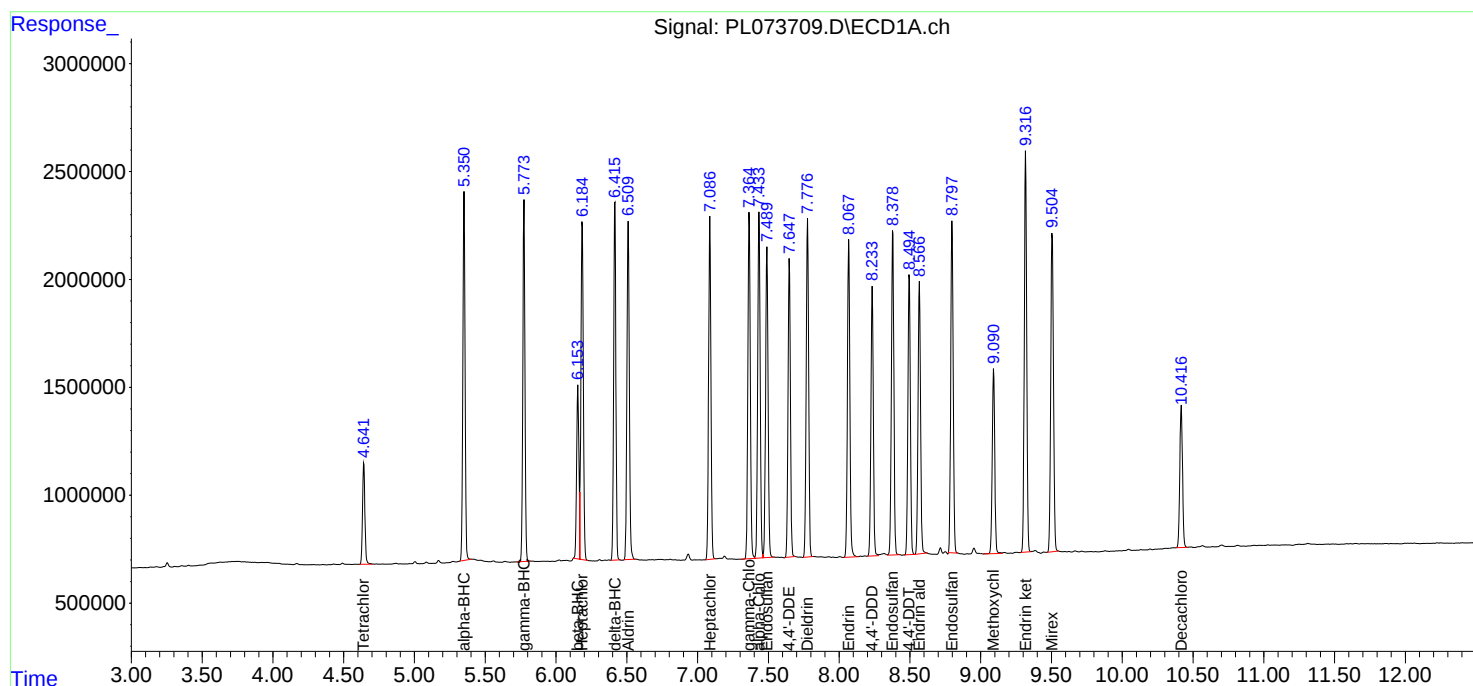
Instrument :
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 ClientSampleId :
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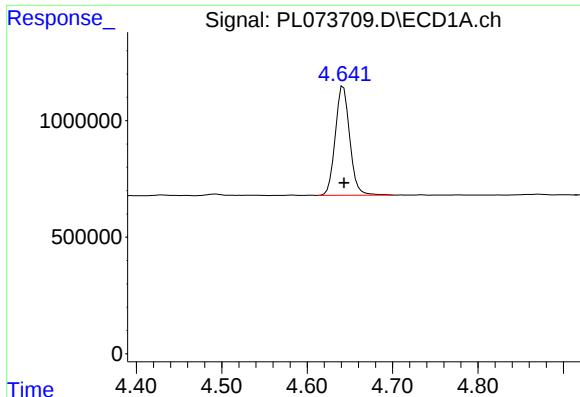
Manual Integrations APPROVED

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 Supervised By :mohammad ahmed 03/30/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 29 01:49:47 2022
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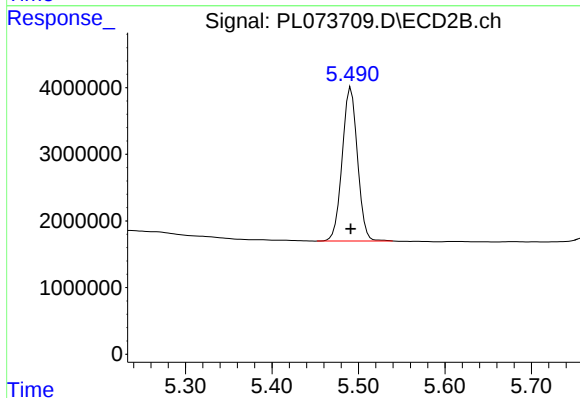
#1 Tetrachloro-m-xylene

R.T.: 4.642 min
Delta R.T.: 0.000 min
Response: 5507367
Conc: 17.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

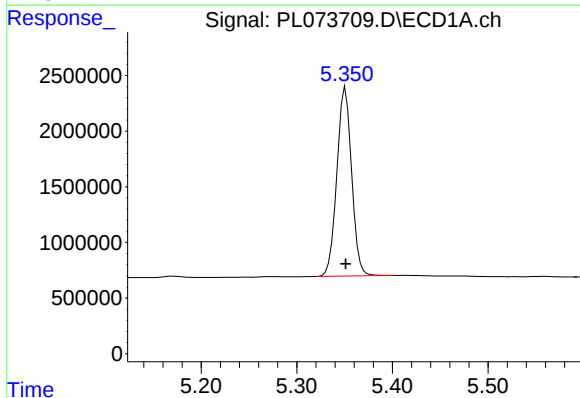
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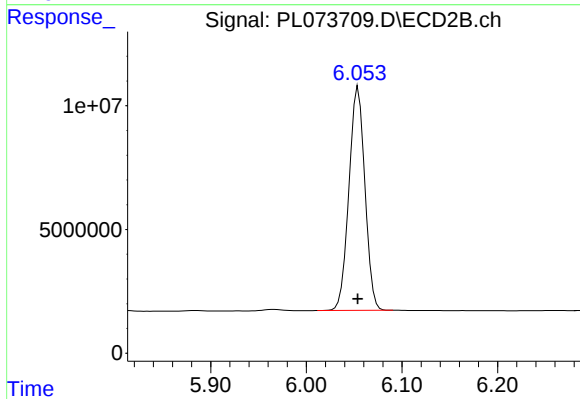
#1 Tetrachloro-m-xylene

R.T.: 5.491 min
Delta R.T.: 0.000 min
Response: 28089414
Conc: 17.11 ng/ml



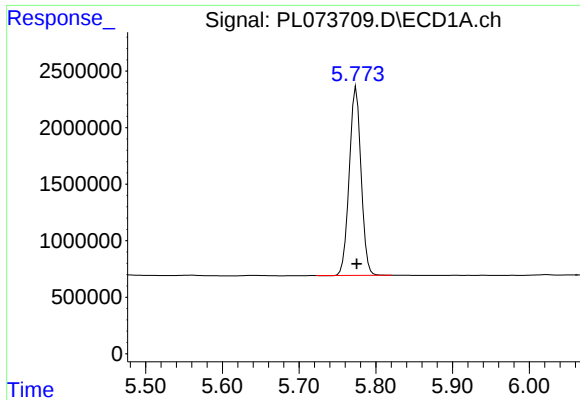
#2 alpha-BHC

R.T.: 5.351 min
Delta R.T.: 0.000 min
Response: 18178767
Conc: 44.10 ng/ml



#2 alpha-BHC

R.T.: 6.054 min
Delta R.T.: 0.000 min
Response: 105247221
Conc: 46.78 ng/ml



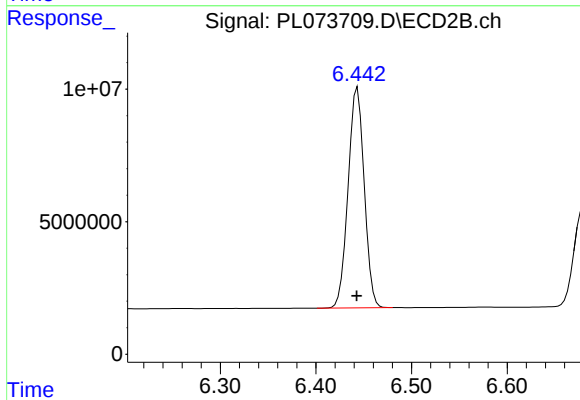
#3 gamma-BHC (Lindane)

R.T.: 5.774 min
Delta R.T.: 0.000 min
Response: 17969692
Conc: 43.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

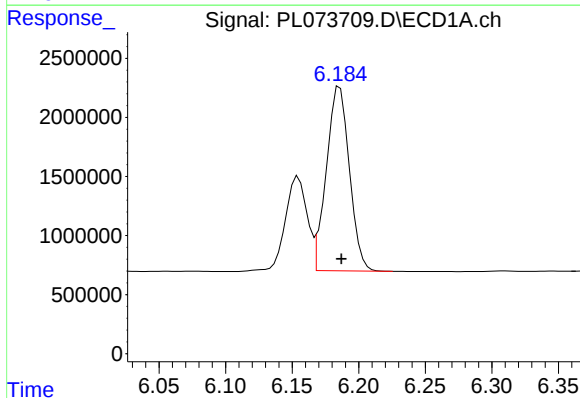
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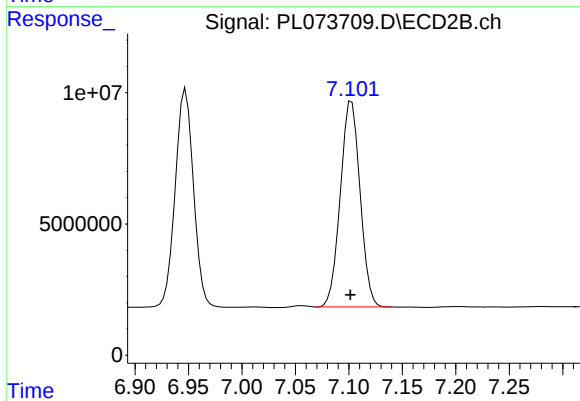
#3 gamma-BHC (Lindane)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 97877344
Conc: 45.84 ng/ml



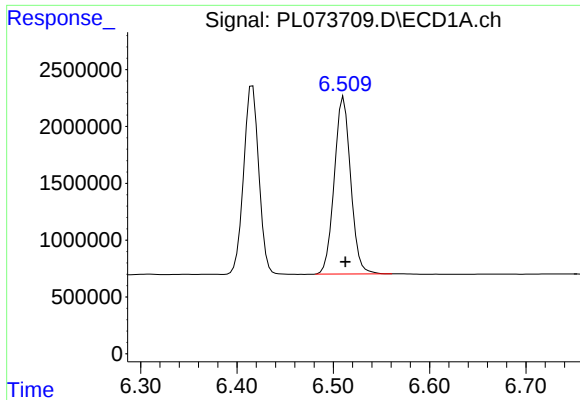
#4 Heptachlor

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 18781885
Conc: 41.63 ng/ml



#4 Heptachlor

R.T.: 7.103 min
Delta R.T.: 0.001 min
Response: 100831079
Conc: 43.03 ng/ml



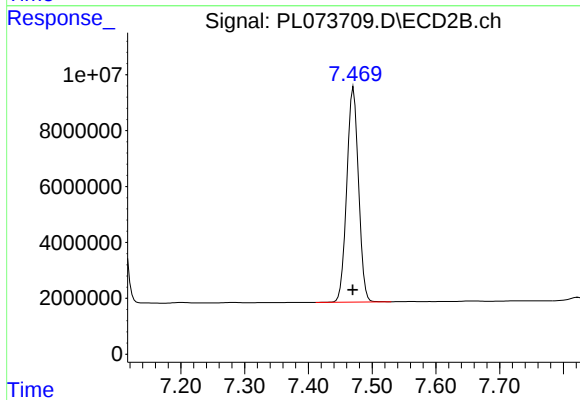
#5 Aldrin

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 18443888
Conc: 44.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

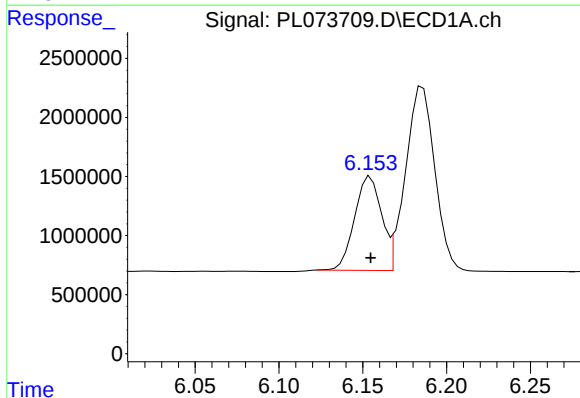
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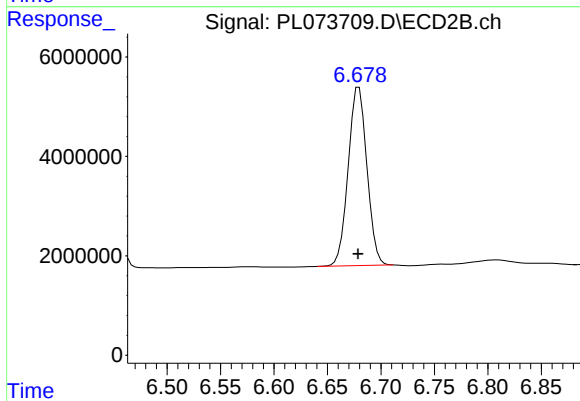
#5 Aldrin

R.T.: 7.471 min
Delta R.T.: 0.001 min
Response: 98260107
Conc: 46.90 ng/ml



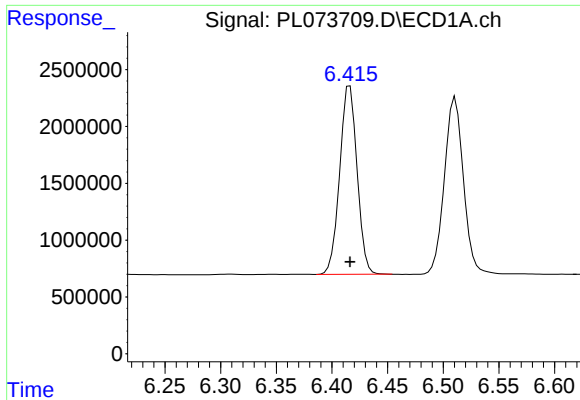
#6 beta-BHC

R.T.: 6.155 min
Delta R.T.: 0.000 min
Response: 8908317
Conc: 43.27 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: 0.000 min
Response: 43842251
Conc: 42.06 ng/ml



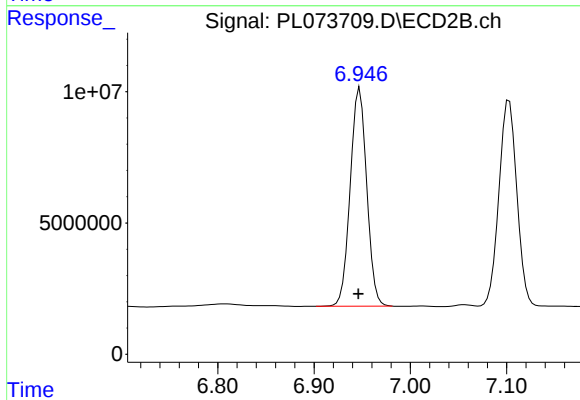
#7 delta-BHC

R.T.: 6.416 min
Delta R.T.: 0.000 min
Response: 18044494
Conc: 44.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

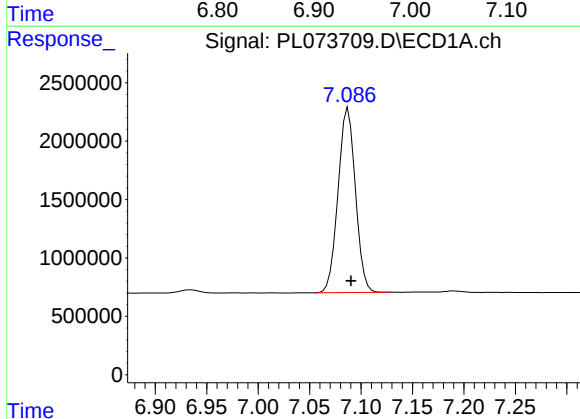
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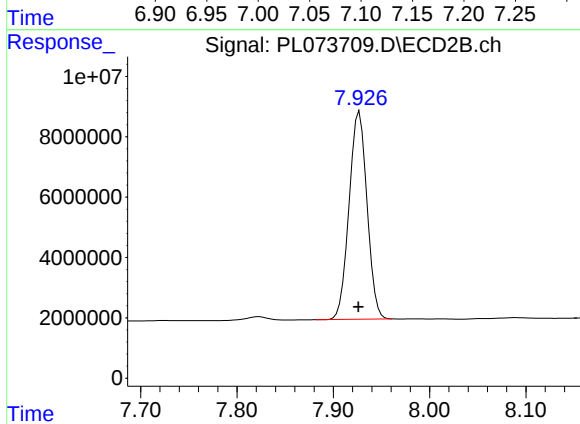
#7 delta-BHC

R.T.: 6.947 min
Delta R.T.: 0.001 min
Response: 98693363
Conc: 45.83 ng/ml



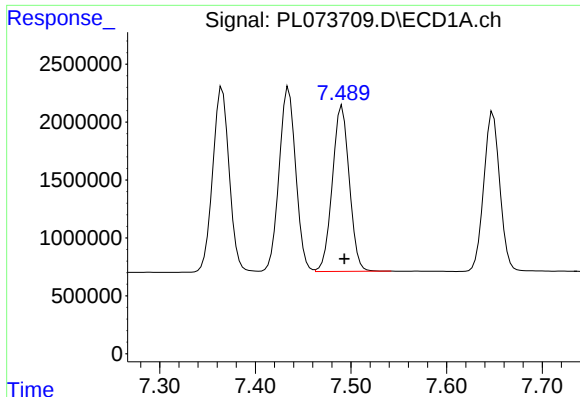
#8 Heptachlor epoxide

R.T.: 7.088 min
Delta R.T.: -0.003 min
Response: 18560795
Conc: 43.07 ng/ml



#8 Heptachlor epoxide

R.T.: 7.927 min
Delta R.T.: 0.001 min
Response: 88893489
Conc: 44.51 ng/ml



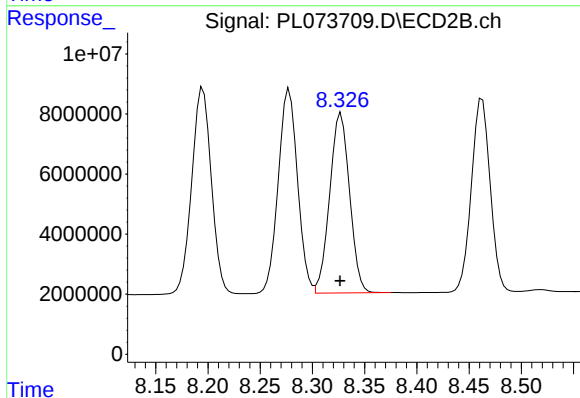
#9 Endosulfan I

R.T.: 7.491 min
Delta R.T.: -0.002 min
Response: 17579719
Conc: 42.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

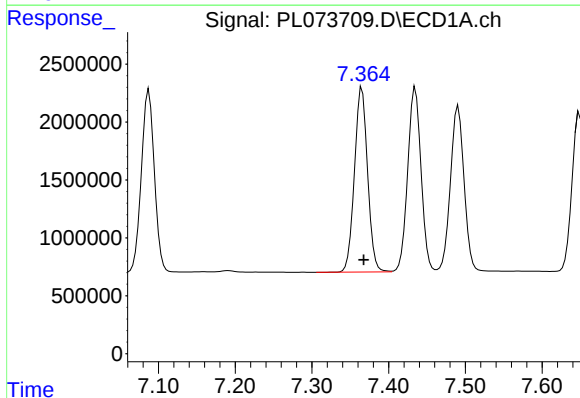
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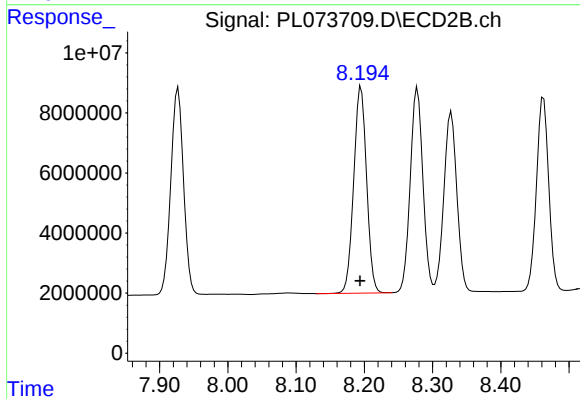
#9 Endosulfan I

R.T.: 8.327 min
Delta R.T.: 0.001 min
Response: 79262158
Conc: 43.42 ng/ml



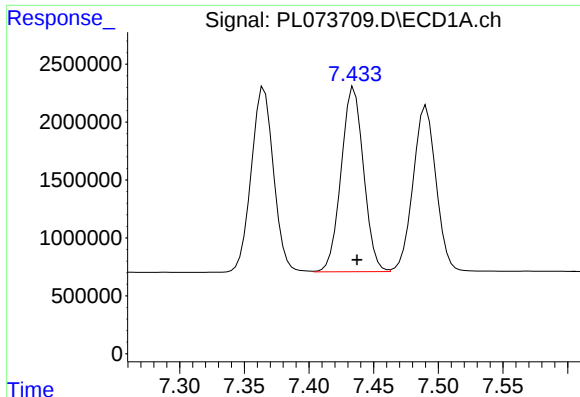
#10 gamma-Chlordane

R.T.: 7.365 min
Delta R.T.: -0.002 min
Response: 19070175
Conc: 43.61 ng/ml



#10 gamma-Chlordane

R.T.: 8.195 min
Delta R.T.: 0.001 min
Response: 90019851
Conc: 44.08 ng/ml



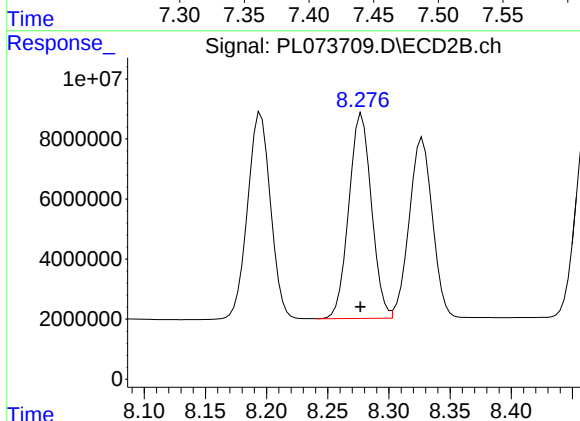
#11 alpha-Chlordane

R.T.: 7.435 min
Delta R.T.: -0.002 min
Response: 19182447
Conc: 43.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

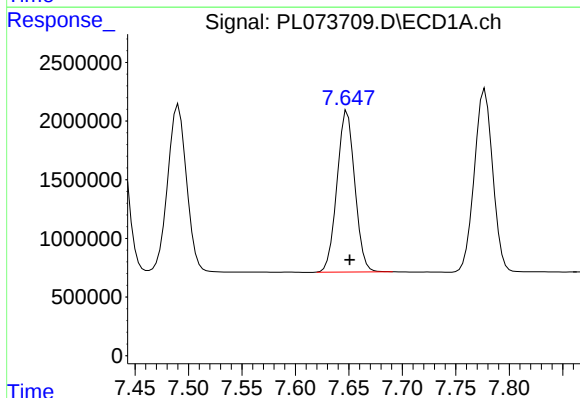
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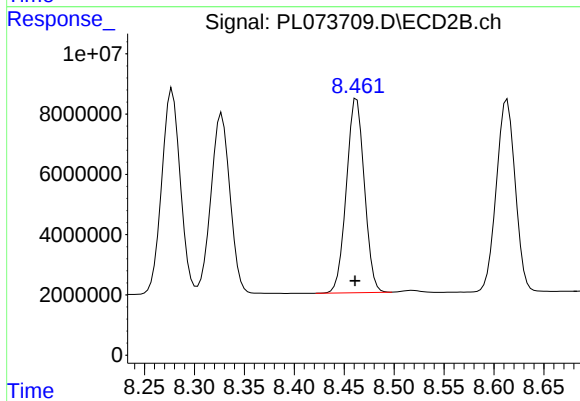
#11 alpha-Chlordane

R.T.: 8.278 min
Delta R.T.: 0.001 min
Response: 87870345
Conc: 43.94 ng/ml



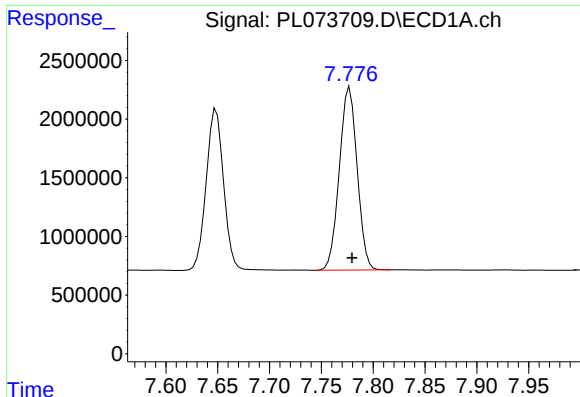
#12 4,4'-DDE

R.T.: 7.649 min
Delta R.T.: -0.002 min
Response: 15928582
Conc: 44.39 ng/ml



#12 4,4'-DDE

R.T.: 8.463 min
Delta R.T.: 0.002 min
Response: 80608388
Conc: 44.97 ng/ml



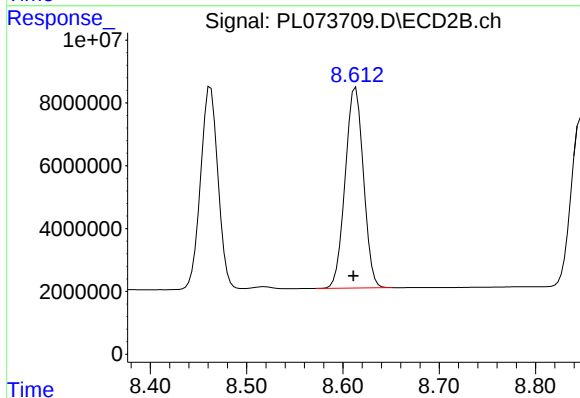
#13 Dieldrin

R.T.: 7.777 min
Delta R.T.: -0.002 min
Response: 18663121
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

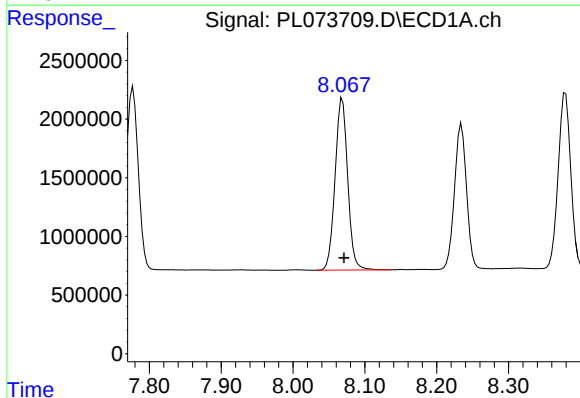
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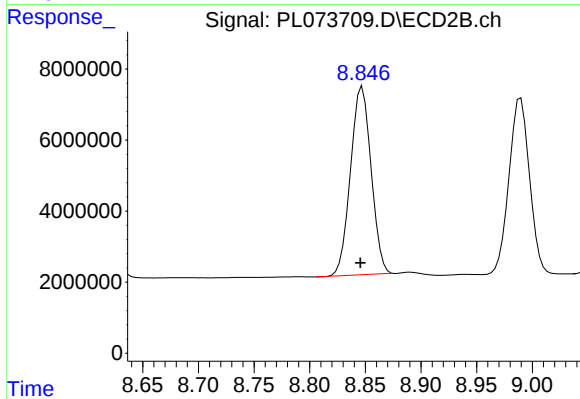
#13 Dieldrin

R.T.: 8.613 min
Delta R.T.: 0.002 min
Response: 83820603
Conc: 45.44 ng/ml



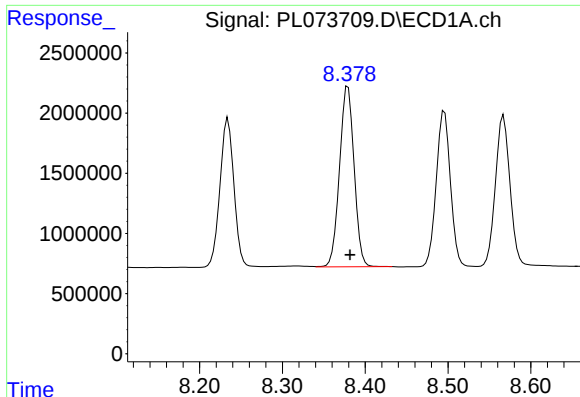
#14 Endrin

R.T.: 8.069 min
Delta R.T.: -0.002 min
Response: 17847080
Conc: 46.00 ng/ml



#14 Endrin

R.T.: 8.847 min
Delta R.T.: 0.002 min
Response: 68306438
Conc: 44.37 ng/ml



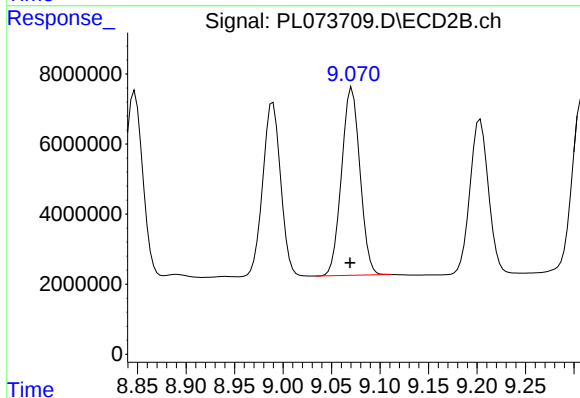
#15 Endosulfan II

R.T.: 8.379 min
Delta R.T.: -0.002 min
Response: 18373796
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

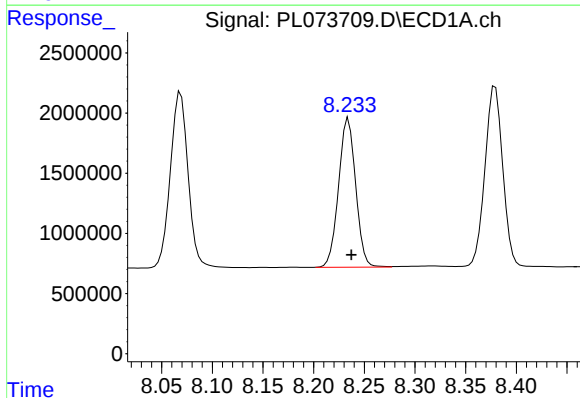
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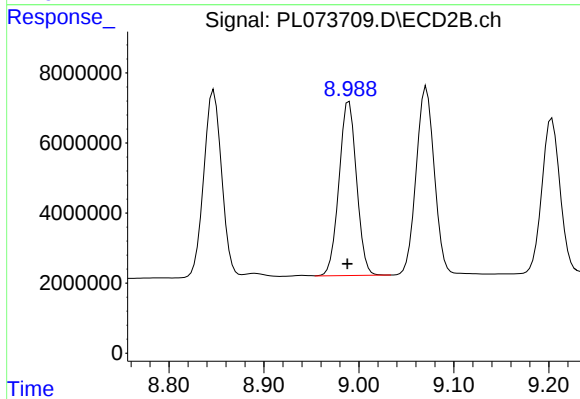
#15 Endosulfan II

R.T.: 9.071 min
Delta R.T.: 0.002 min
Response: 70637405
Conc: 45.99 ng/ml



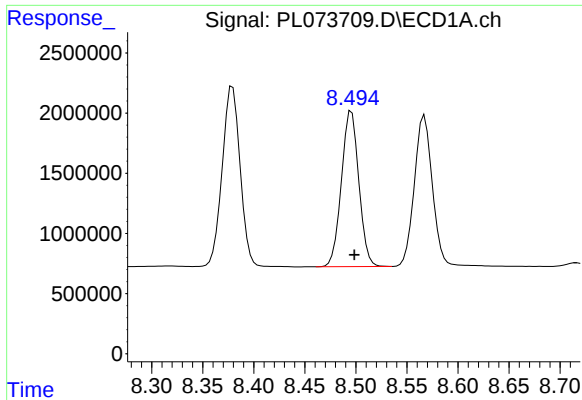
#16 4,4'-DDD

R.T.: 8.234 min
Delta R.T.: -0.003 min
Response: 14540888
Conc: 44.78 ng/ml



#16 4,4'-DDD

R.T.: 8.990 min
Delta R.T.: 0.002 min
Response: 63910521
Conc: 43.78 ng/ml



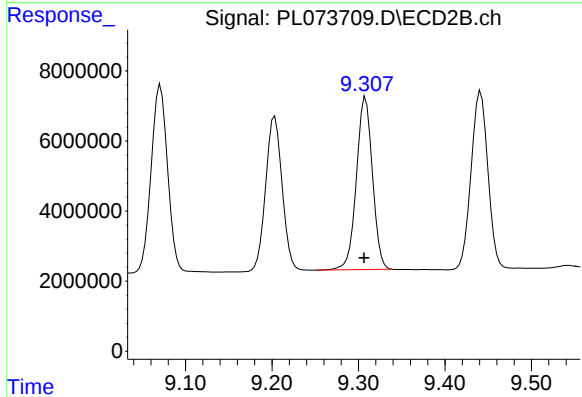
#17 4,4'-DDT

R.T.: 8.496 min
Delta R.T.: -0.003 min
Response: 15362802
Conc: 40.62 ng/ml

Instrument :
ECD_L
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MHCMSD

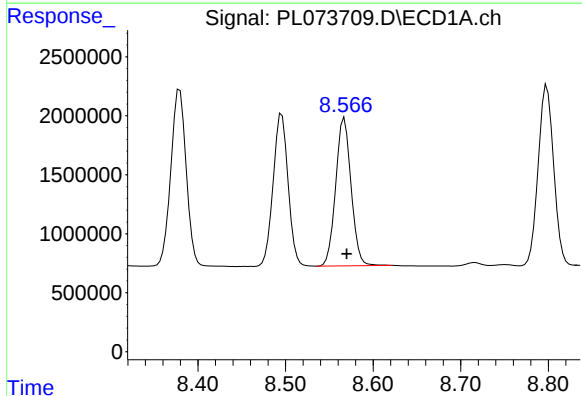
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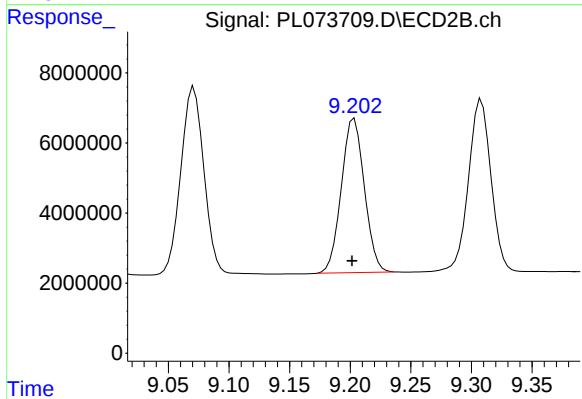
#17 4,4'-DDT

R.T.: 9.308 min
Delta R.T.: 0.002 min
Response: 63522860
Conc: 38.86 ng/ml



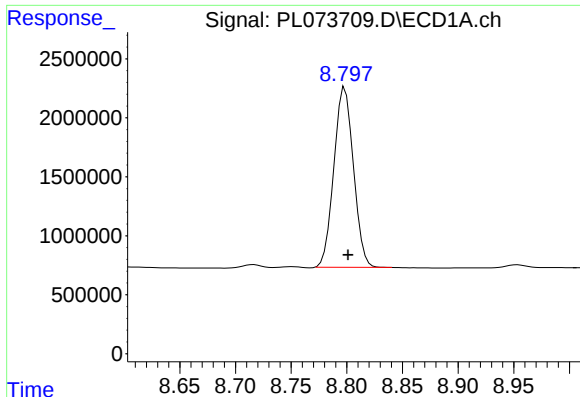
#18 Endrin aldehyde

R.T.: 8.567 min
Delta R.T.: -0.003 min
Response: 15321406
Conc: 48.45 ng/ml



#18 Endrin aldehyde

R.T.: 9.202 min
Delta R.T.: 0.000 min
Response: 58126428
Conc: 47.40 ng/ml m



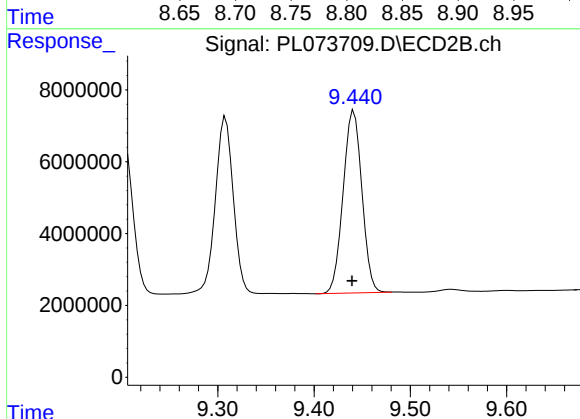
#19 Endosulfan Sulfate

R.T.: 8.798 min
Delta R.T.: -0.003 min
Response: 18677620
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

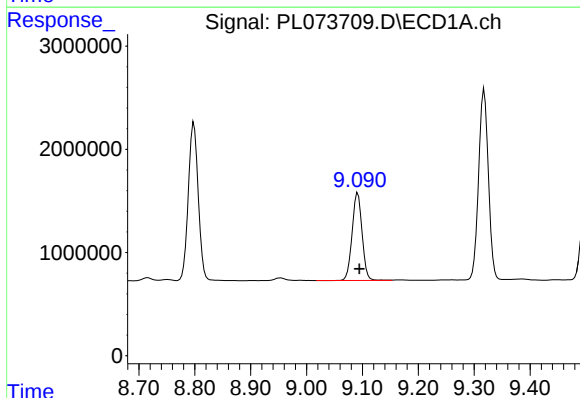
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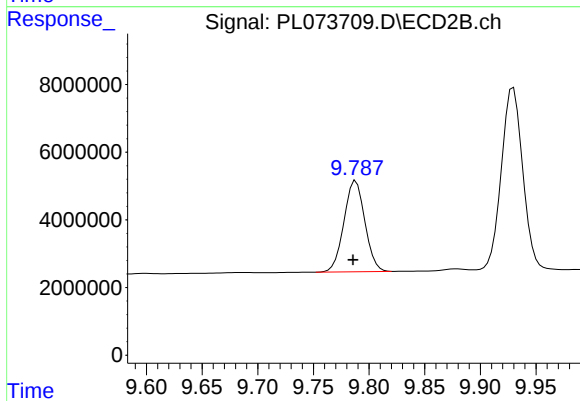
#19 Endosulfan Sulfate

R.T.: 9.441 min
Delta R.T.: 0.002 min
Response: 68524337
Conc: 43.48 ng/ml



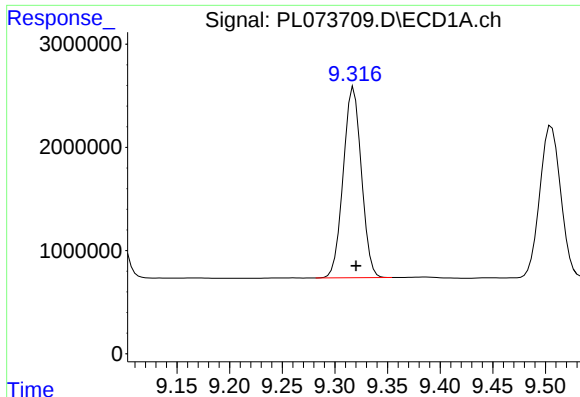
#20 Methoxychlor

R.T.: 9.092 min
Delta R.T.: -0.003 min
Response: 10533730
Conc: 41.06 ng/ml



#20 Methoxychlor

R.T.: 9.788 min
Delta R.T.: 0.003 min
Response: 35249040
Conc: 39.12 ng/ml



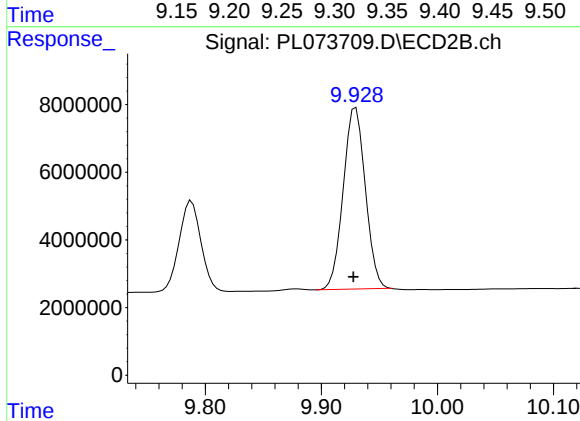
#21 Endrin ketone

R.T.: 9.318 min
Delta R.T.: -0.002 min
Response: 22266336
Conc: 45.51 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

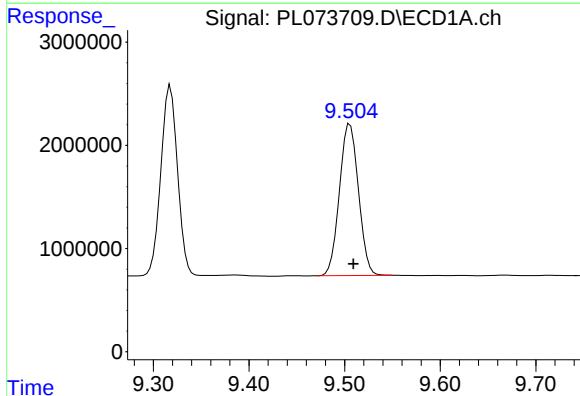
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APPROVED

Reviewed By :Abdul Mirza 03/29/2022
Supervised By :mohammad ahmed 03/30/2022



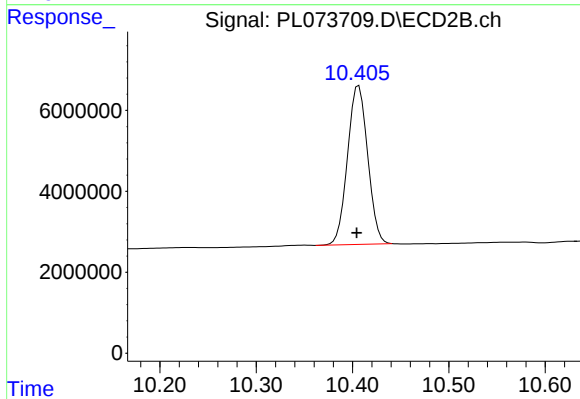
#21 Endrin ketone

R.T.: 9.930 min
Delta R.T.: 0.002 min
Response: 70973266
Conc: 43.00 ng/ml



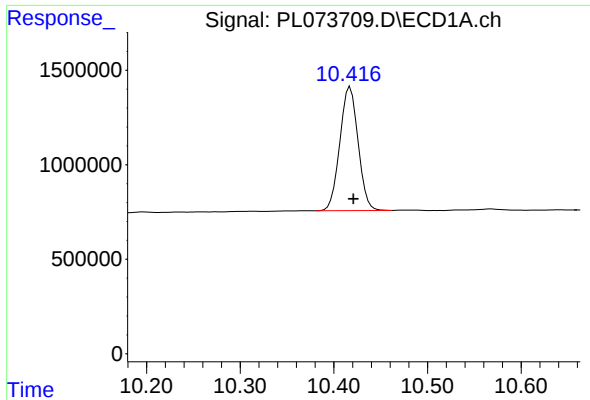
#22 Mirex

R.T.: 9.506 min
Delta R.T.: -0.004 min
Response: 20392991
Conc: 43.25 ng/ml



#22 Mirex

R.T.: 10.406 min
Delta R.T.: 0.002 min
Response: 57052863
Conc: 42.00 ng/ml



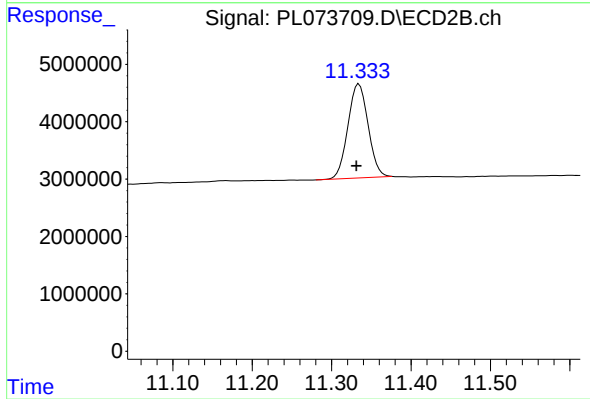
#28 Decachlorobiphenyl

R.T.: 10.417 min
Delta R.T.: -0.004 min
Response: 8875730
Conc: 17.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
MHCMSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.335 min
Delta R.T.: 0.003 min
Response: 29063267
Conc: 16.25 ng/ml