

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 18:26
 Operator : AR\AJ
 Sample : N2514-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 WC-16-1A-5MS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2022
 Supervised By : mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:10:34 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...	4.634	5.489	6661512	34709874	20.617	19.467
28)	SA Decachlor...	10.401	11.329	10109243	36800235	19.440m	20.835
Target Compounds							
2)	A alpha-BHC	5.341	6.052	23502766	142.7E6	56.004	56.662
3)	MA gamma-BHC...	5.765	6.441	22933519	132.8E6	54.682	56.098
4)	MA Heptachlor	6.176	7.100	23503080	139.7E6	52.176	53.573
5)	MB Aldrin	6.501	7.468	22839401	135.7E6	55.028	57.765
6)	B beta-BHC	6.145	6.678	10342233	57764792	50.616	51.254
7)	B delta-BHC	6.407	6.946	23262198	135.8E6	56.233	55.592
8)	B Heptachlo...	7.077	7.925	22924404	121.9E6	53.445	54.134
9)	A Endosulfan I	7.480	8.325	21823904	111.4E6	53.213	56.608
10)	B gamma-Chl...	7.354	8.193	23487989	122.7E6	53.553	55.011
11)	B alpha-Chl...	7.424	8.275	23697723	120.9E6	53.642	56.182
12)	B 4,4'-DDE	7.638	8.460	19735942	117.5E6	54.098	59.009
13)	MA Dieldrin	7.766	8.610	22489428	118.8E6	52.353	59.247
14)	MA Endrin	8.056	8.845	22101851	102.4E6	54.407	60.483
15)	B Endosulfa...	8.367	9.068	22748154	99674575	55.193	57.376
16)	A 4,4'-DDD	8.222	8.987	17656636	89205746	54.677	57.979
17)	MA 4,4'-DDT	8.483	9.305	19706319	96500123	53.312	54.438
18)	B Endrin al...	8.555	9.201	18657586	80775636	57.665	62.538
19)	B Endosulfa...	8.786	9.439	22812847	94047867	53.423	56.508
20)	A Methoxychlor	9.078	9.786	12946942	50104828	52.149	52.092
21)	B Endrin ke...	9.303	9.926	27159117	98008042	55.591m	56.621
22)	Mirex	9.491	10.403	24394274	74877226	52.303m	54.361

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042222\
 Data File : PL074313.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 22 Apr 2022 18:26
 Operator : AR\AJ
 Sample : N2514-04MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

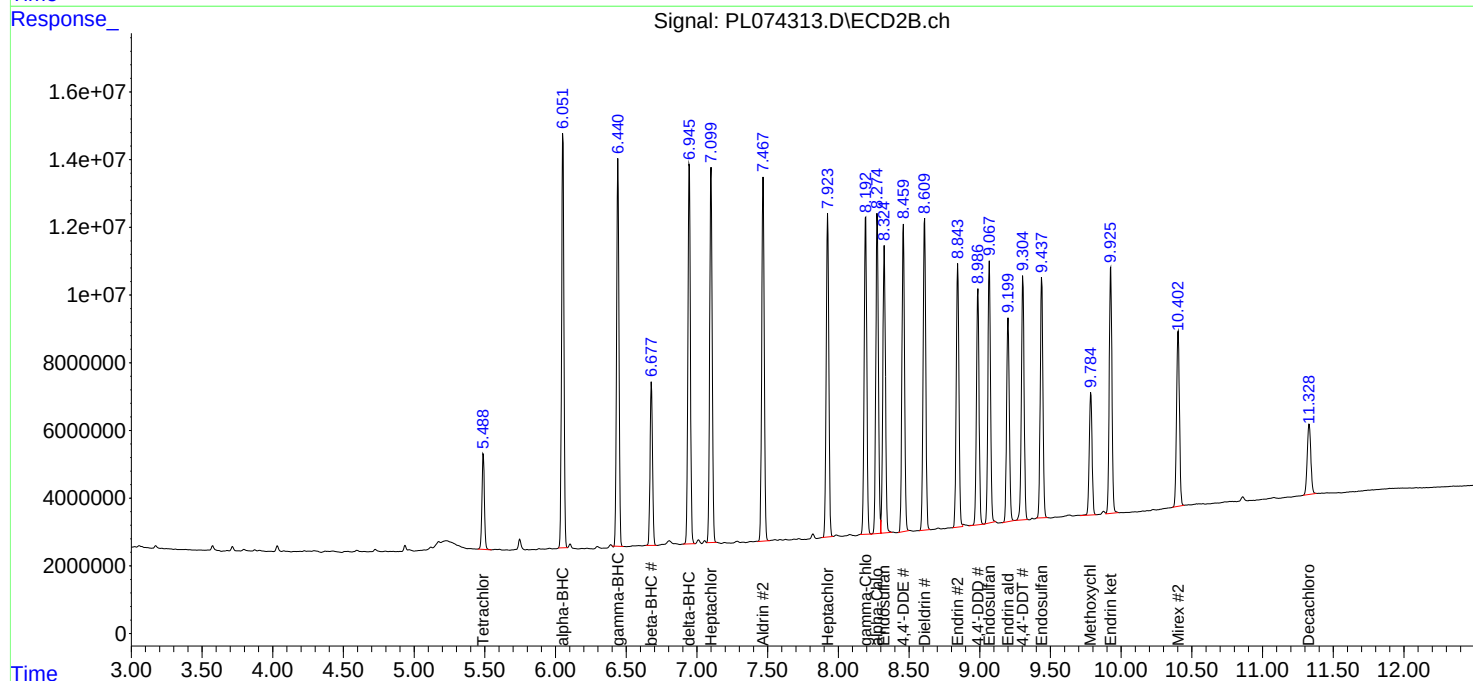
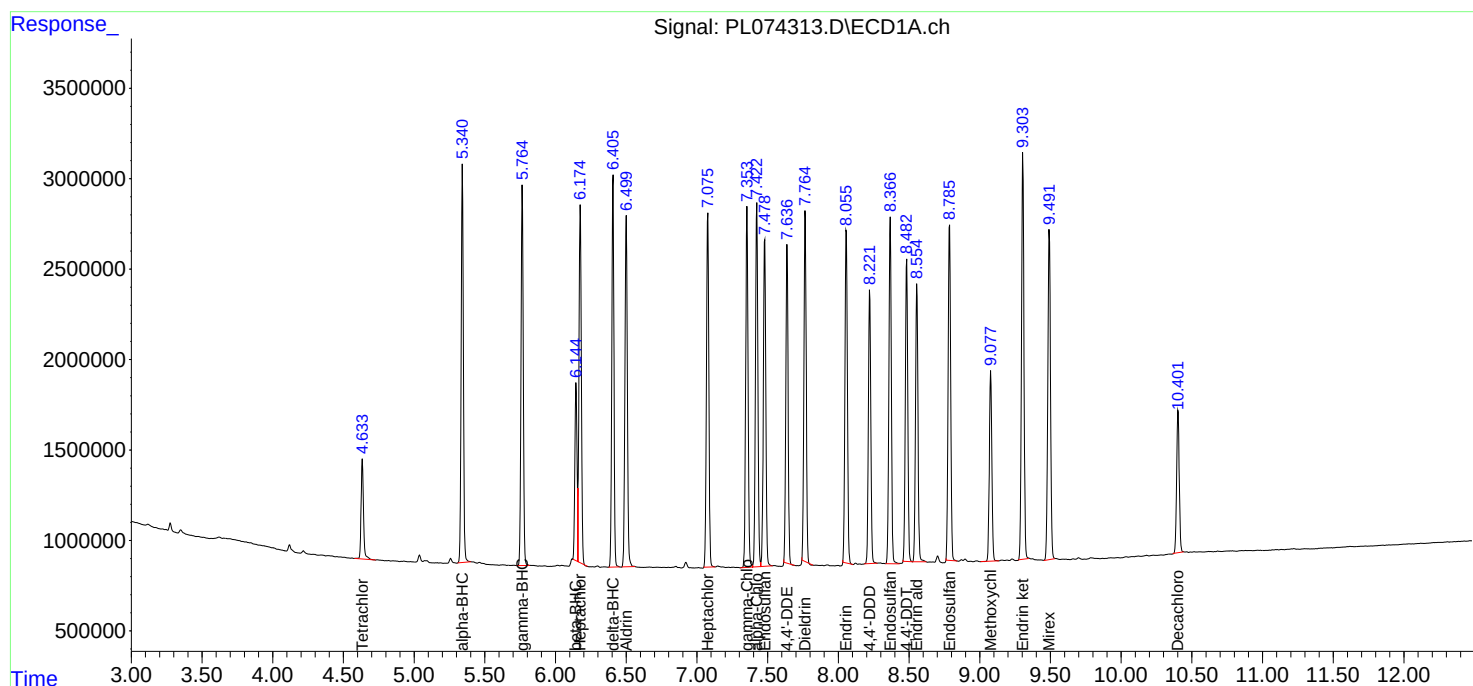
Instrument :
 ECD_L
 ClientSampleId :
 WC-16-1A-5MS

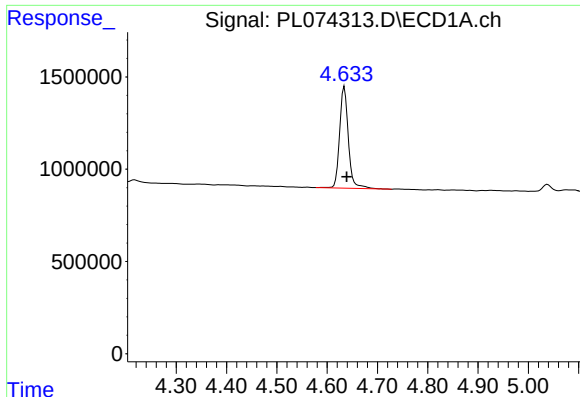
Manual Integrations APPROVED

Reviewed By :Abdul Mirza 04/25/2022
 Supervised By :mohammad ahmed 04/25/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 22 23:10:34 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





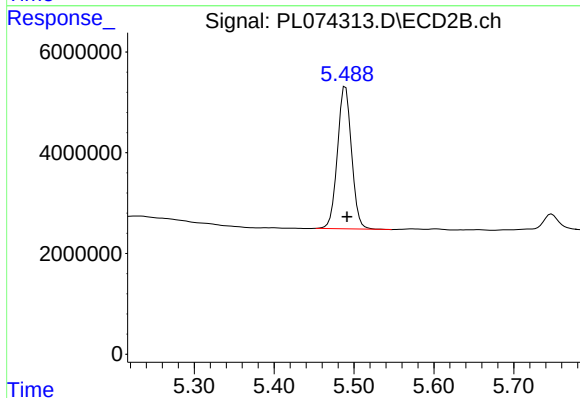
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6661512
Conc: 20.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

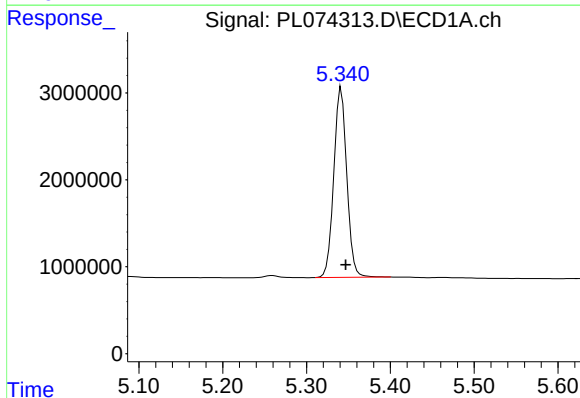
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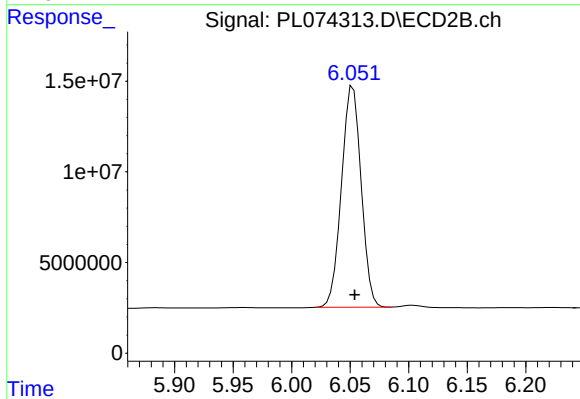
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 34709874
Conc: 19.47 ng/ml



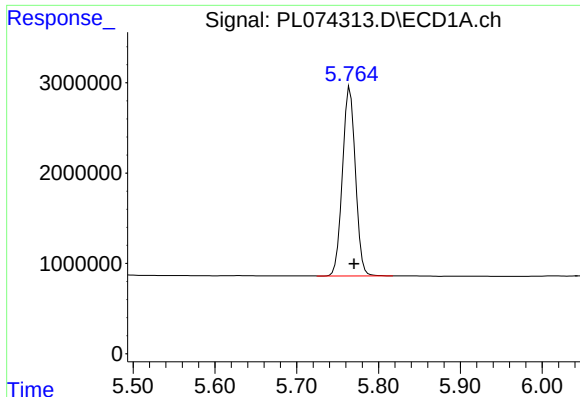
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 23502766
Conc: 56.00 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.001 min
Response: 142680471
Conc: 56.66 ng/ml



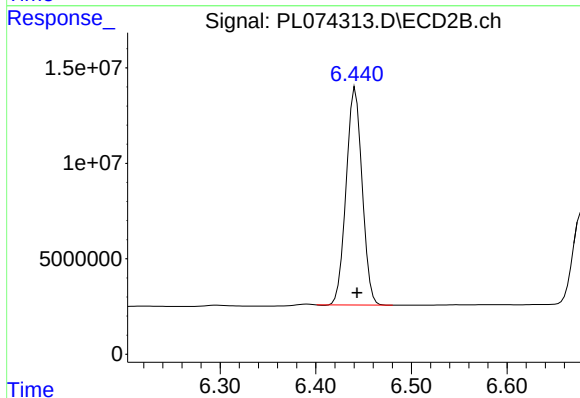
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 22933519
Conc: 54.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

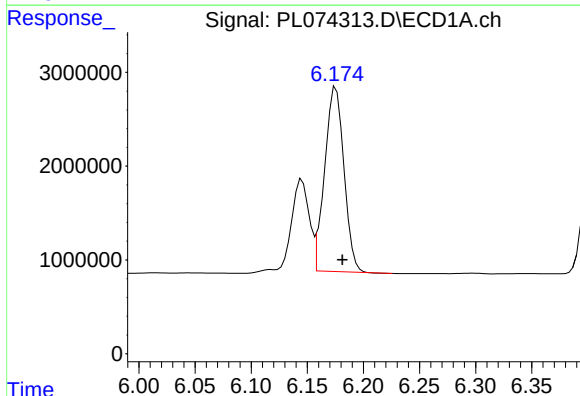
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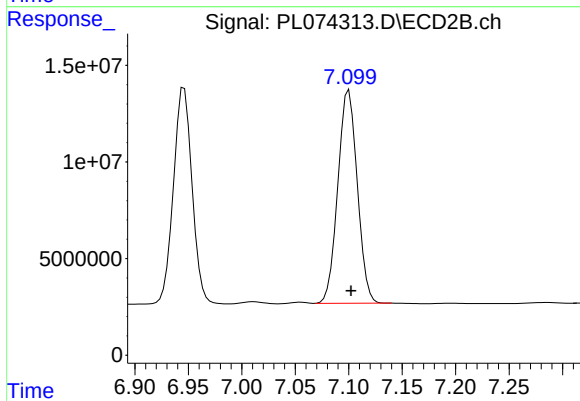
#3 gamma-BHC (Lindane)

R.T.: 6.441 min
Delta R.T.: -0.002 min
Response: 132789949
Conc: 56.10 ng/ml



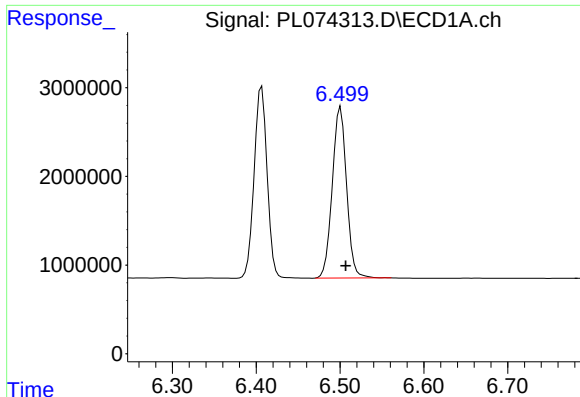
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.006 min
Response: 23503080
Conc: 52.18 ng/ml



#4 Heptachlor

R.T.: 7.100 min
Delta R.T.: -0.002 min
Response: 139741755
Conc: 53.57 ng/ml



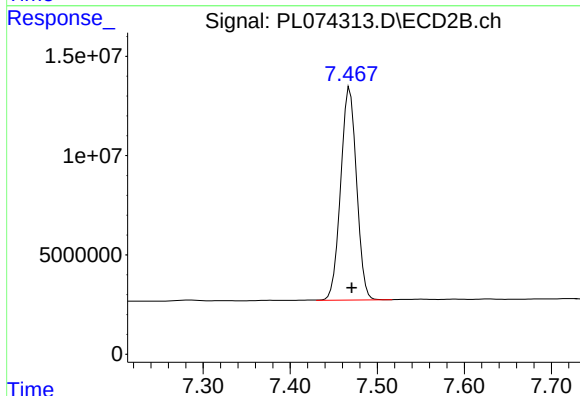
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 22839401
Conc: 55.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

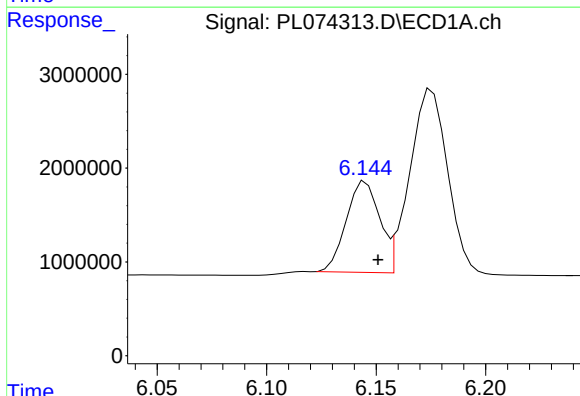
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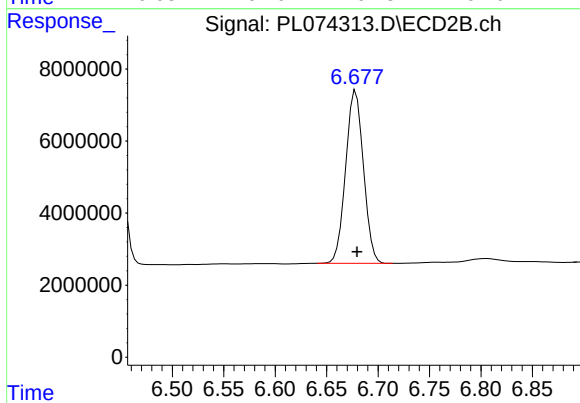
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 135666578
Conc: 57.76 ng/ml



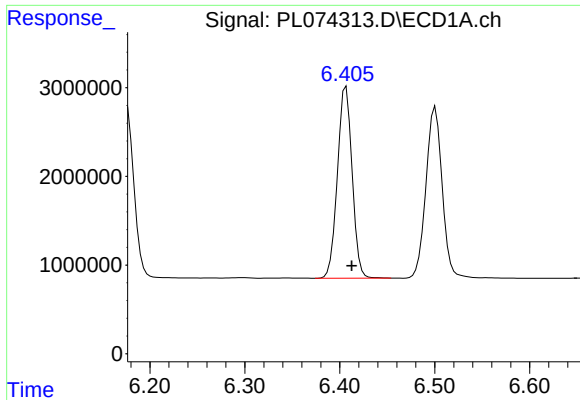
#6 beta-BHC

R.T.: 6.145 min
Delta R.T.: -0.006 min
Response: 10342233
Conc: 50.62 ng/ml



#6 beta-BHC

R.T.: 6.678 min
Delta R.T.: -0.001 min
Response: 57764792
Conc: 51.25 ng/ml



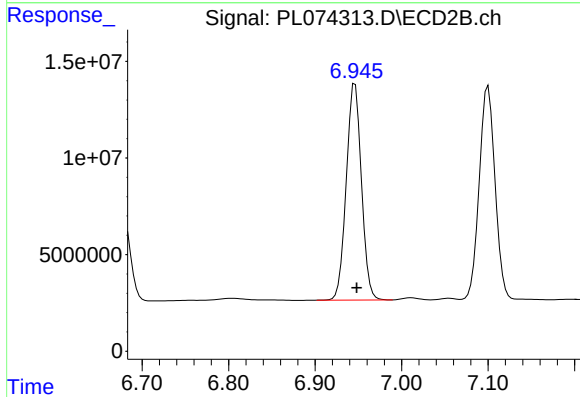
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.006 min
Response: 23262198
Conc: 56.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

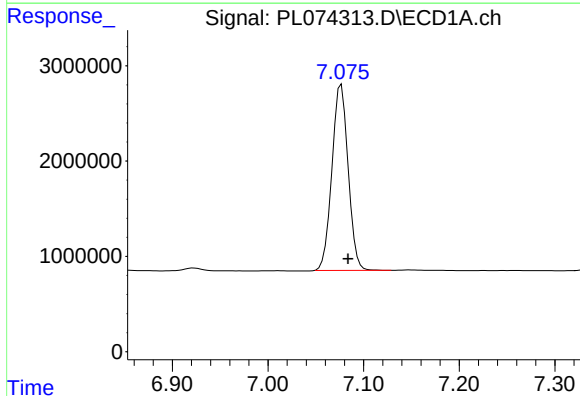
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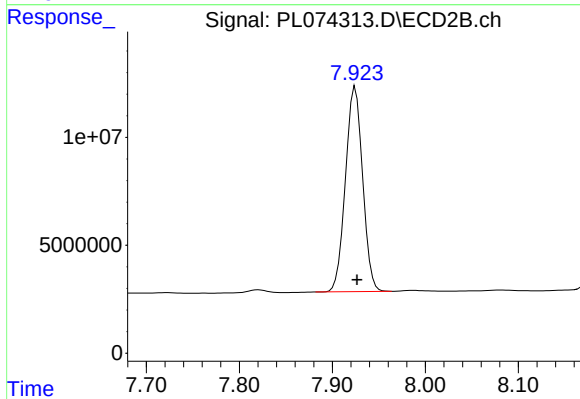
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 135770061
Conc: 55.59 ng/ml



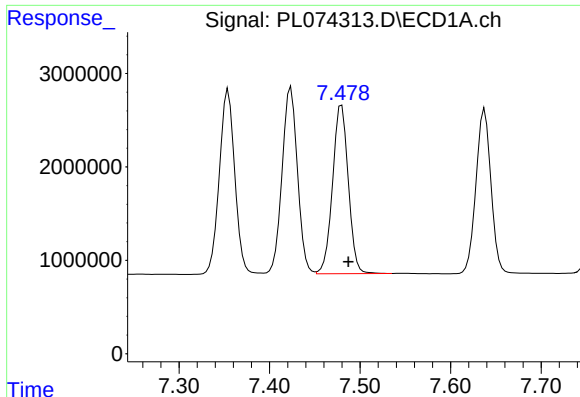
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 22924404
Conc: 53.44 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 121885013
Conc: 54.13 ng/ml



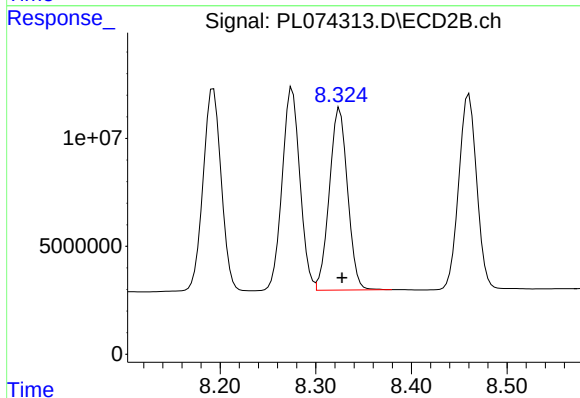
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.008 min
Response: 21823904
Conc: 53.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

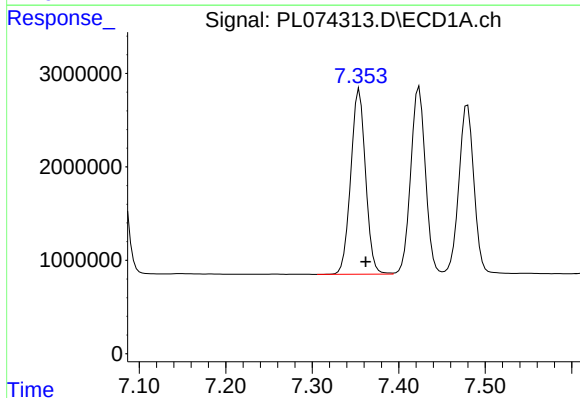
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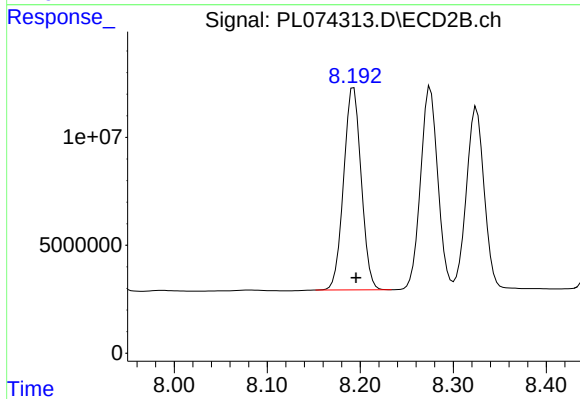
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.003 min
Response: 111442306
Conc: 56.61 ng/ml



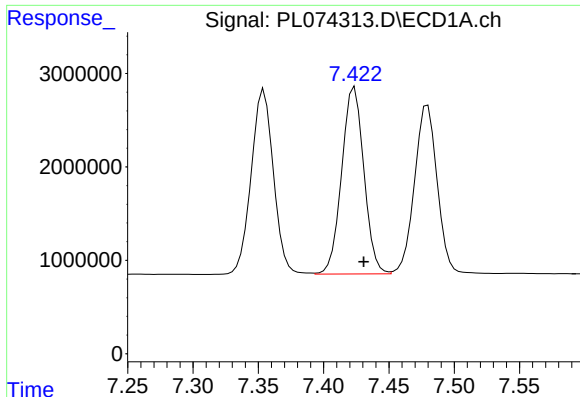
#10 gamma-Chlordane

R.T.: 7.354 min
Delta R.T.: -0.008 min
Response: 23487989
Conc: 53.55 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 122693937
Conc: 55.01 ng/ml



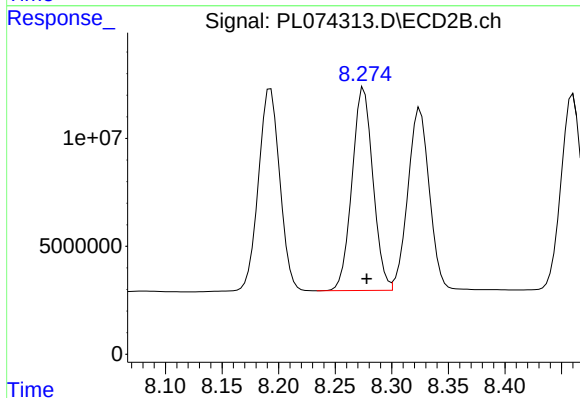
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.007 min
Response: 23697723
Conc: 53.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

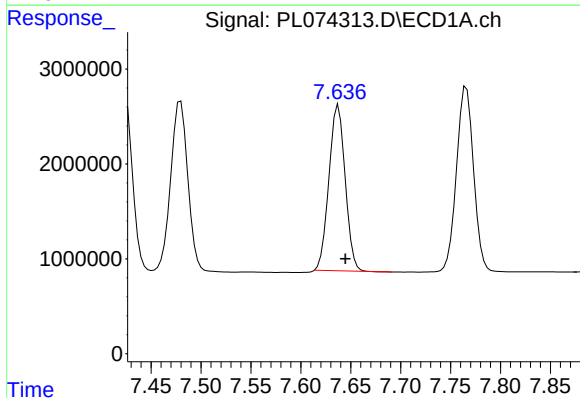
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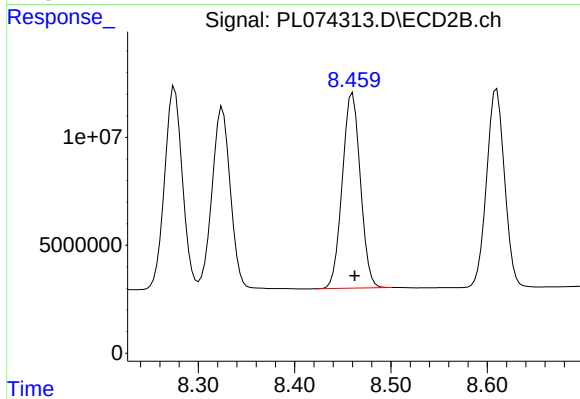
#11 alpha-Chlordane

R.T.: 8.275 min
Delta R.T.: -0.003 min
Response: 120935864
Conc: 56.18 ng/ml



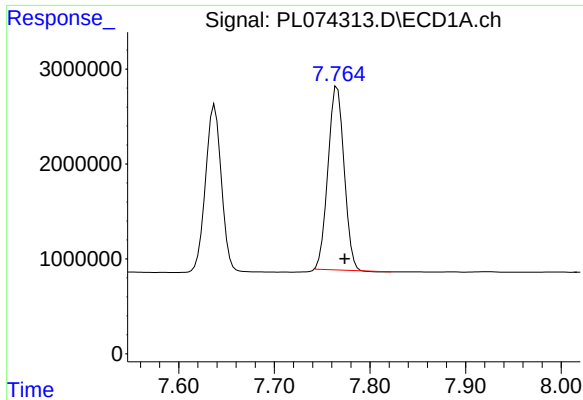
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 19735942
Conc: 54.10 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 117528164
Conc: 59.01 ng/ml



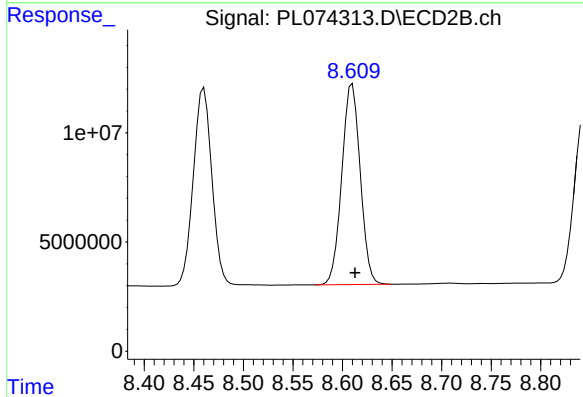
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.008 min
Response: 22489428
Conc: 52.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

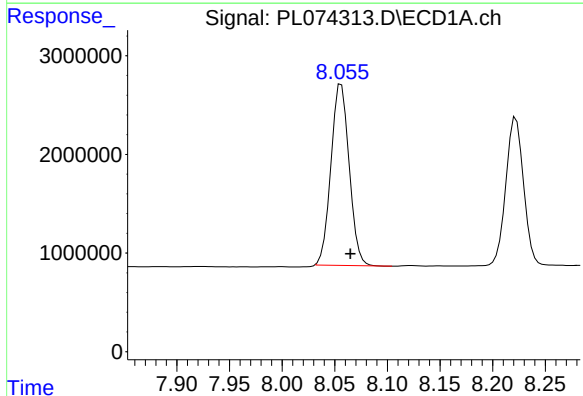
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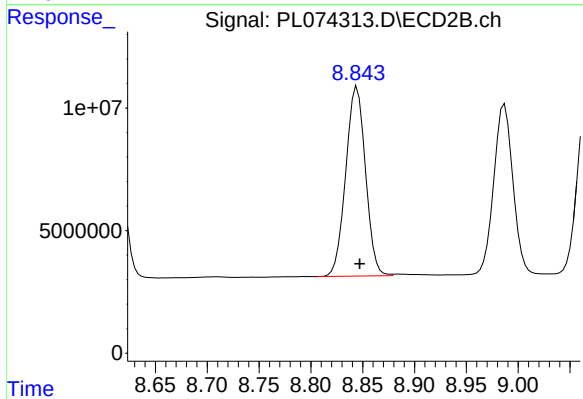
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 118807107
Conc: 59.25 ng/ml



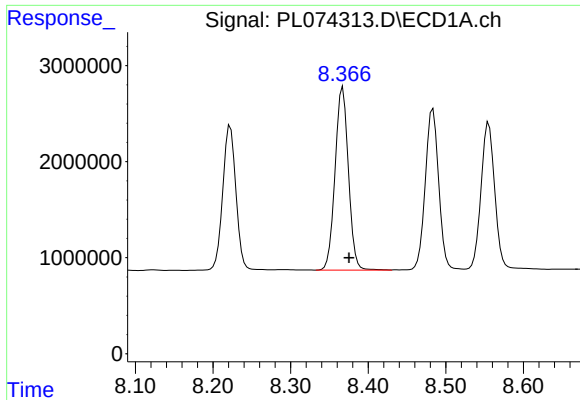
#14 Endrin

R.T.: 8.056 min
Delta R.T.: -0.009 min
Response: 22101851
Conc: 54.41 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 102437968
Conc: 60.48 ng/ml



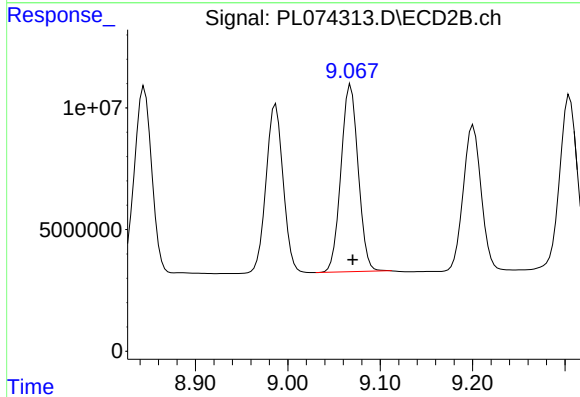
#15 Endosulfan II

R.T.: 8.367 min
Delta R.T.: -0.008 min
Response: 22748154
Conc: 55.19 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

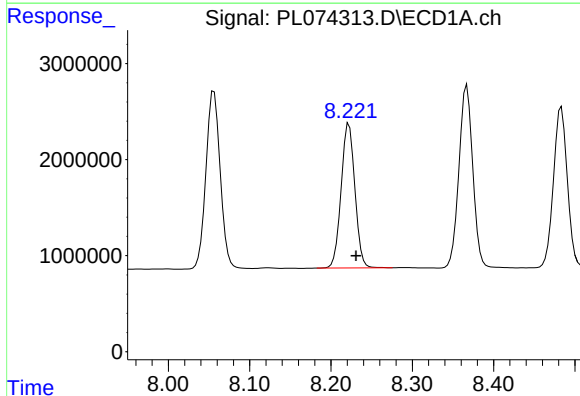
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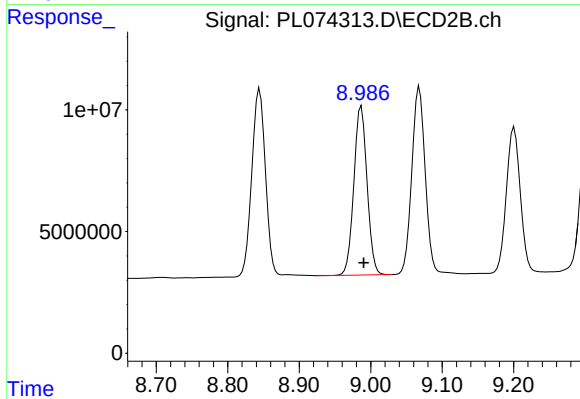
#15 Endosulfan II

R.T.: 9.068 min
Delta R.T.: -0.002 min
Response: 99674575
Conc: 57.38 ng/ml



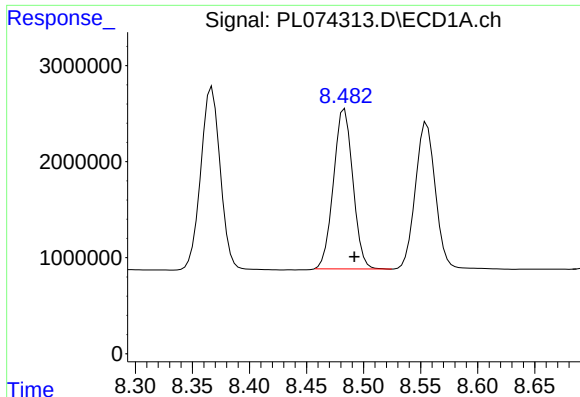
#16 4,4'-DDD

R.T.: 8.222 min
Delta R.T.: -0.008 min
Response: 17656636
Conc: 54.68 ng/ml



#16 4,4'-DDD

R.T.: 8.987 min
Delta R.T.: -0.003 min
Response: 89205746
Conc: 57.98 ng/ml



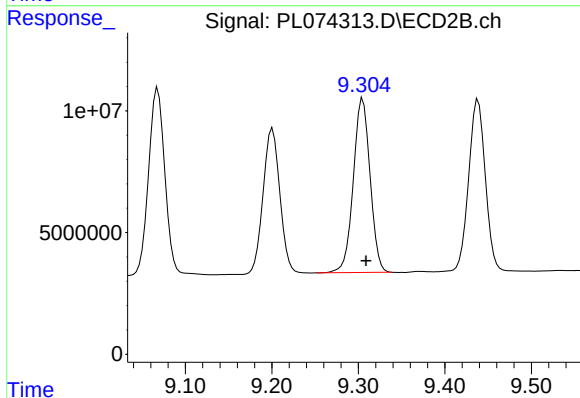
#17 4,4'-DDT

R.T.: 8.483 min
Delta R.T.: -0.009 min
Response: 19706319
Conc: 53.31 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

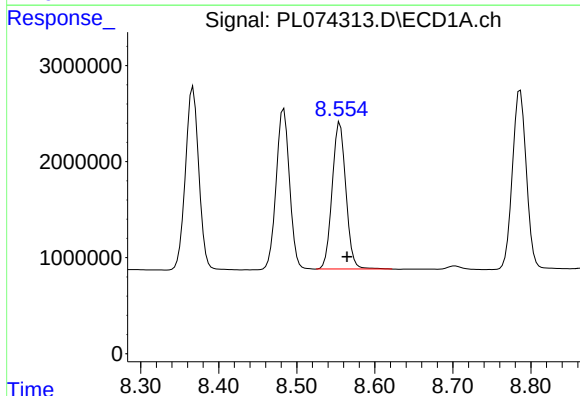
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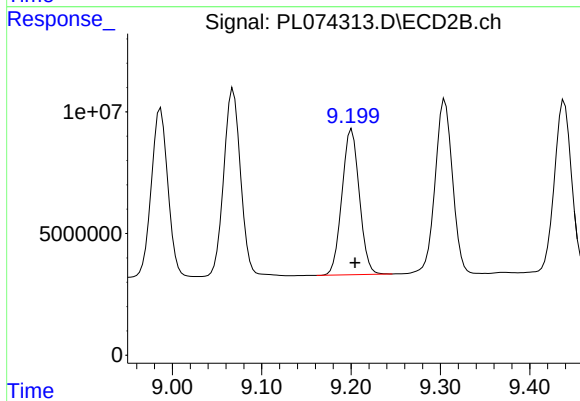
#17 4,4'-DDT

R.T.: 9.305 min
Delta R.T.: -0.004 min
Response: 96500123
Conc: 54.44 ng/ml



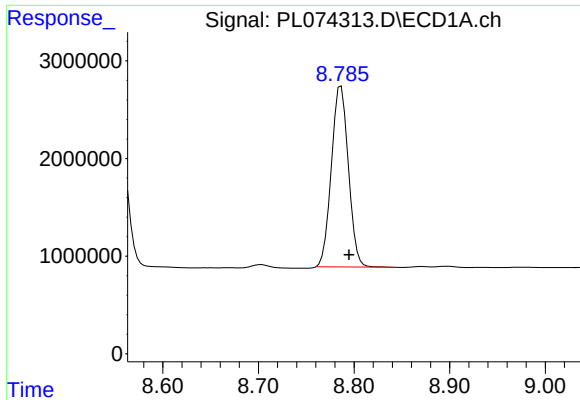
#18 Endrin aldehyde

R.T.: 8.555 min
Delta R.T.: -0.009 min
Response: 18657586
Conc: 57.66 ng/ml



#18 Endrin aldehyde

R.T.: 9.201 min
Delta R.T.: -0.004 min
Response: 80775636
Conc: 62.54 ng/ml



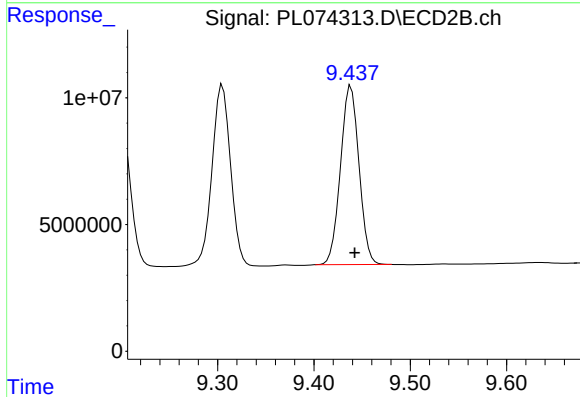
#19 Endosulfan Sulfate

R.T.: 8.786 min
Delta R.T.: -0.009 min
Response: 22812847
Conc: 53.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

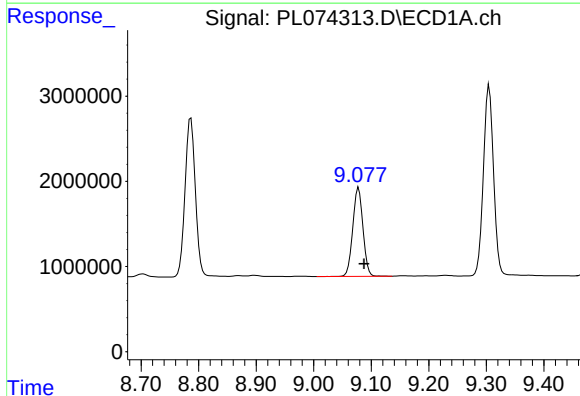
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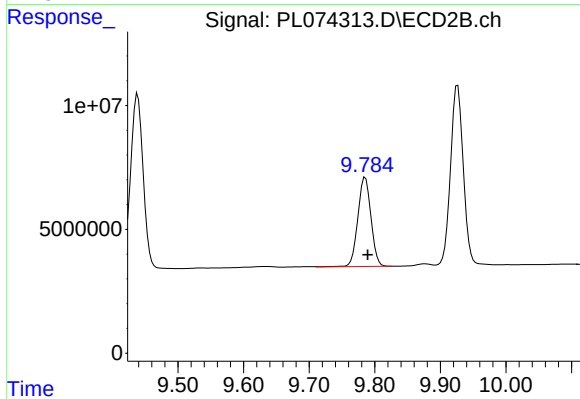
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.004 min
Response: 94047867
Conc: 56.51 ng/ml



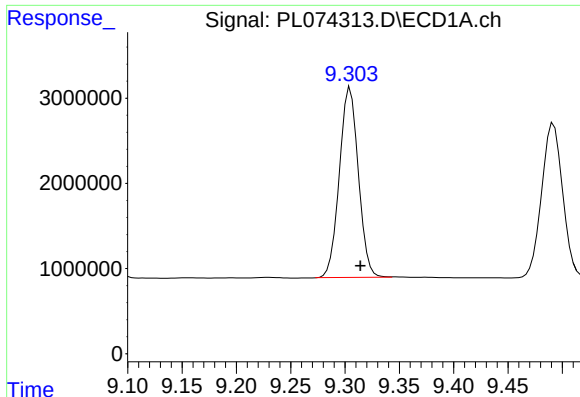
#20 Methoxychlor

R.T.: 9.078 min
Delta R.T.: -0.009 min
Response: 12946942
Conc: 52.15 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 50104828
Conc: 52.09 ng/ml



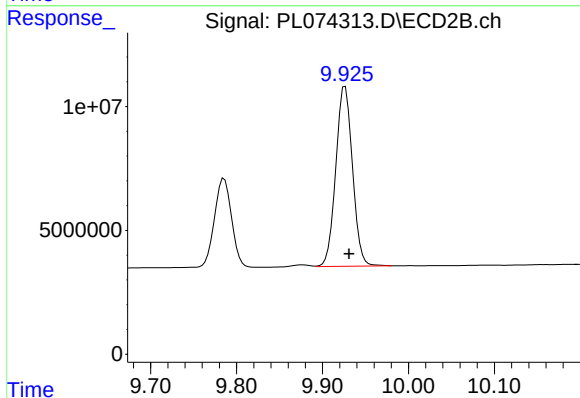
#21 Endrin ketone

R.T.: 9.303 min
Delta R.T.: -0.011 min
Response: 27159117
Conc: 55.59 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

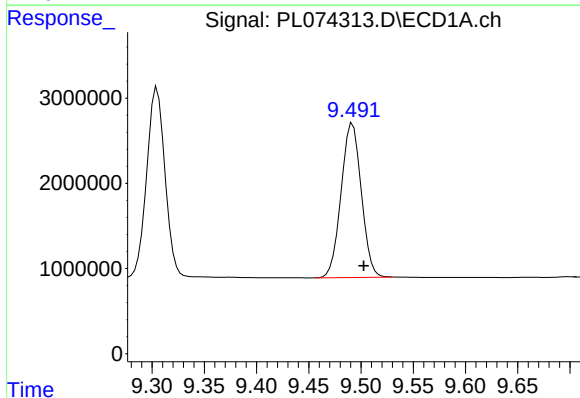
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Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



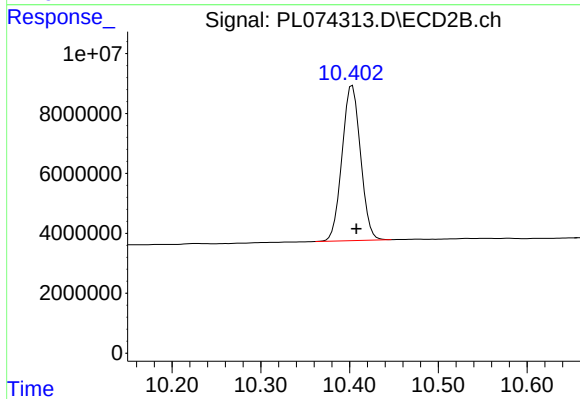
#21 Endrin ketone

R.T.: 9.926 min
Delta R.T.: -0.005 min
Response: 98008042
Conc: 56.62 ng/ml



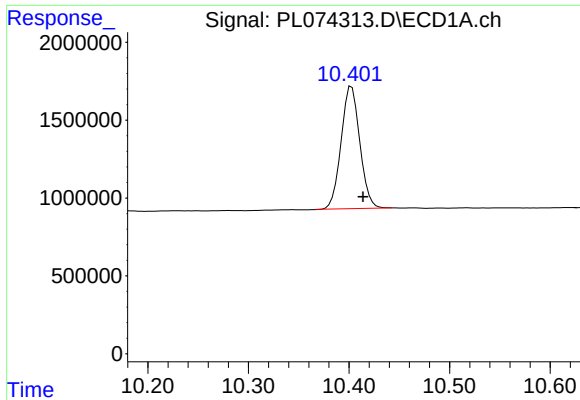
#22 Mirex

R.T.: 9.491 min
Delta R.T.: -0.012 min
Response: 24394274
Conc: 52.30 ng/ml m



#22 Mirex

R.T.: 10.403 min
Delta R.T.: -0.004 min
Response: 74877226
Conc: 54.36 ng/ml



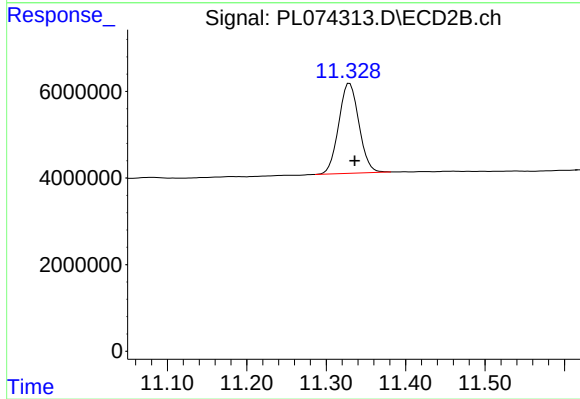
#28 Decachlorobiphenyl

R.T.: 10.401 min
Delta R.T.: -0.013 min
Response: 10109243
Conc: 19.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
WC-16-1A-5MS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/25/2022
Supervised By :mohammad ahmed 04/25/2022



#28 Decachlorobiphenyl

R.T.: 11.329 min
Delta R.T.: -0.007 min
Response: 36800235
Conc: 20.83 ng/ml