

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 23:48
 Operator : AR\AJ
 Sample : PB144359BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144359BSD

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 04/26/2022
 Supervised By :mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:08:41 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	5.490	7050756	37294044	21.821	20.917
28)	SA Decachlor...	10.403	11.331	11556537	40435377	22.223m	22.893
Target Compounds							
2)	A alpha-BHC	5.342	6.053	21866231	135.8E6	52.104	53.940
3)	MA gamma-BHC...	5.765	6.442	21416972	127.7E6	51.066	53.934
4)	MA Heptachlor	6.176	7.101	22540347	134.1E6	50.039	51.424
5)	MB Aldrin	6.501	7.468	21731155	131.7E6	52.358	56.070
6)	B beta-BHC	6.146	6.679	10164986	56608778	49.749	50.229
7)	B delta-BHC	6.407	6.946	21692283	129.8E6	52.438	53.140
8)	B Heptachlo...	7.077	7.925	21991948	119.4E6	51.271	53.045
9)	A Endosulfan I	7.481	8.325	20946794	107.8E6	51.075	54.761
10)	B gamma-Chl...	7.355	8.193	22532089	120.4E6	51.374	53.982
11)	B alpha-Chl...	7.424	8.276	22673443	117.8E6	51.324	54.712
12)	B 4,4'-DDE	7.639	8.460	18985263	114.3E6	52.040	57.412
13)	MA Dieldrin	7.765	8.610	22140248	114.8E6	51.540m	57.236
14)	MA Endrin	8.058	8.845	20778008	95825602	51.148	56.579
15)	B Endosulfa...	8.368	9.069	22012264	96626154	53.407	55.621
16)	A 4,4'-DDD	8.224	8.988	17148811	88011831	53.104	57.203
17)	MA 4,4'-DDT	8.485	9.306	17748251	87261643	48.015	49.226
18)	B Endrin al...	8.557	9.200	18251744	78674551	56.410	60.911m
19)	B Endosulfa...	8.788	9.439	22218300	91682986	52.031	55.087
20)	A Methoxychlor	9.080	9.785	11511890	45064071	46.369	46.852m
21)	B Endrin ke...	9.305	9.927	26471600	97862042	54.184m	56.537
22)	Mirex	9.494	10.404	23936063	74417802	51.321	54.028

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042522\
 Data File : PL074356.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Apr 2022 23:48
 Operator : AR\AJ
 Sample : PB144359BSD
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

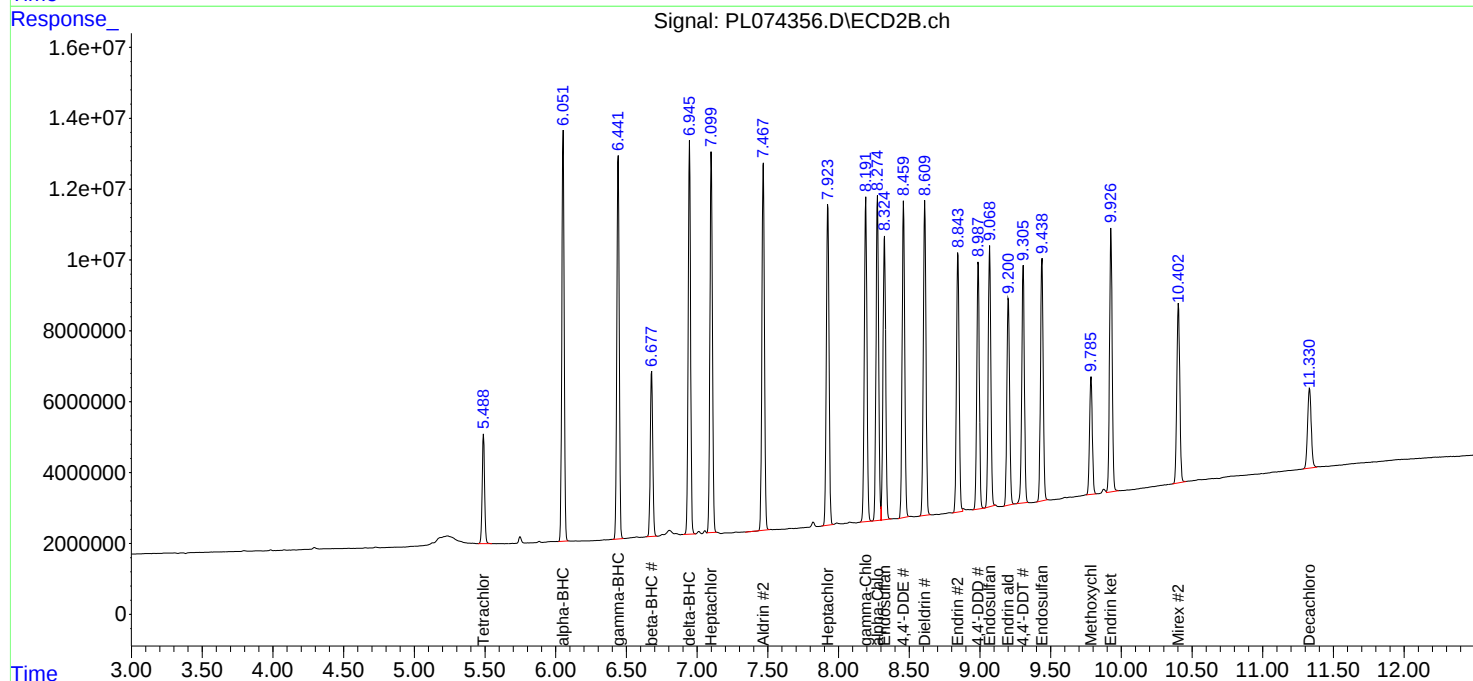
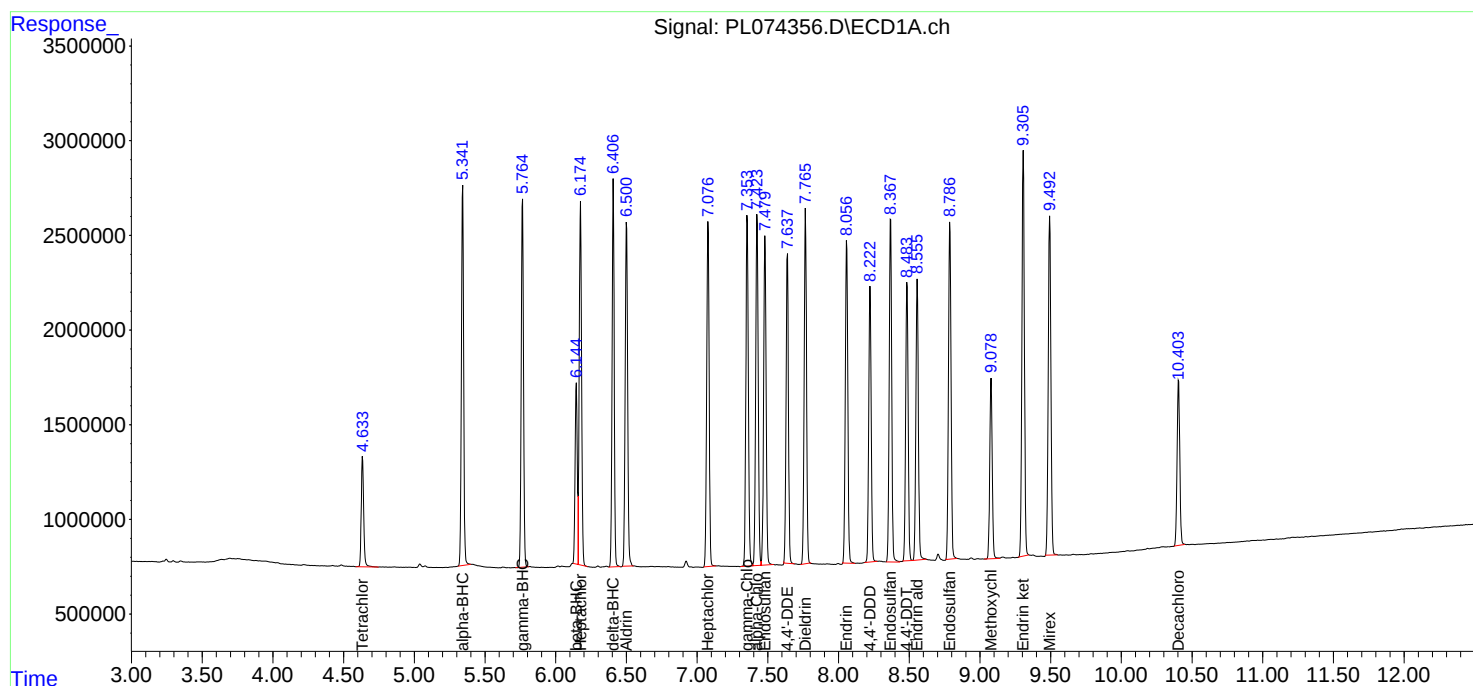
Instrument :
 ECD_L
 ClientSampleId :
 PB144359BSD

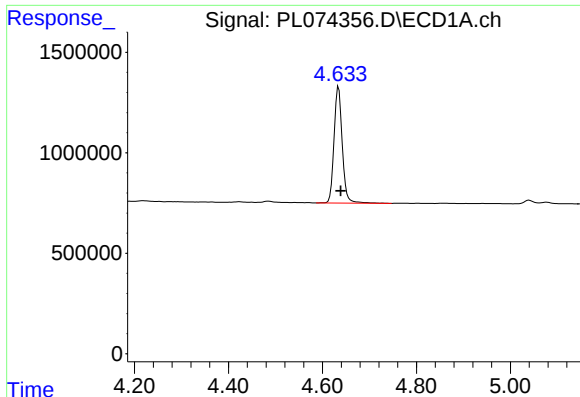
Manual Integrations APPROVED

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 Supervised By : mohammad ahmed 04/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 26 02:08:41 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.: 4.634 min
Delta R.T.: -0.005 min
Response: 7050756
Conc: 21.82 ng/ml

Instrument :

ECD_L

ClientSampleId :

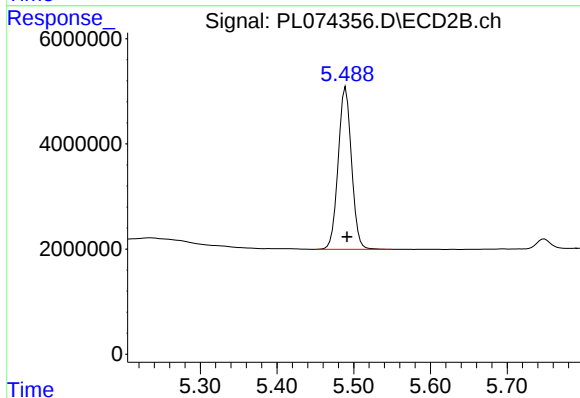
PB144359BSD

Manual Integrations

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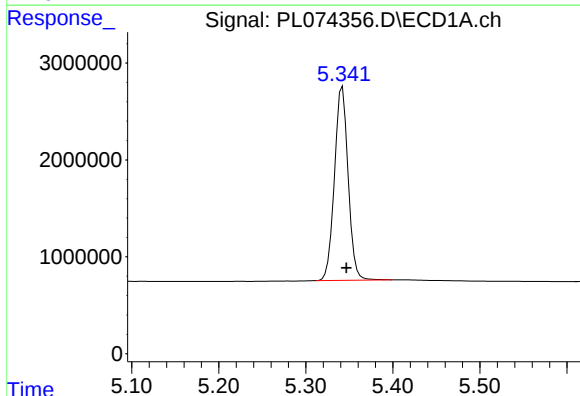
Reviewed By :Abdul Mirza 04/26/2022

Supervised By :mohammad ahmed 04/26/2022



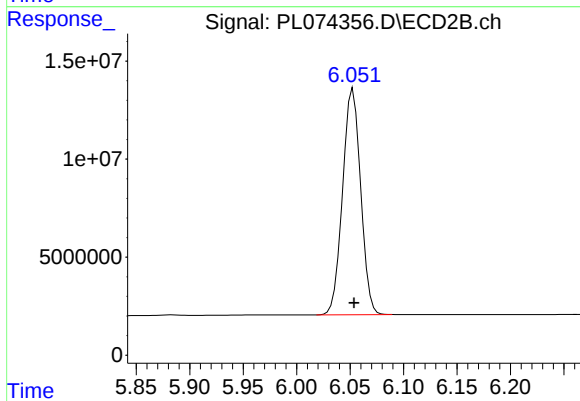
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 37294044
Conc: 20.92 ng/ml



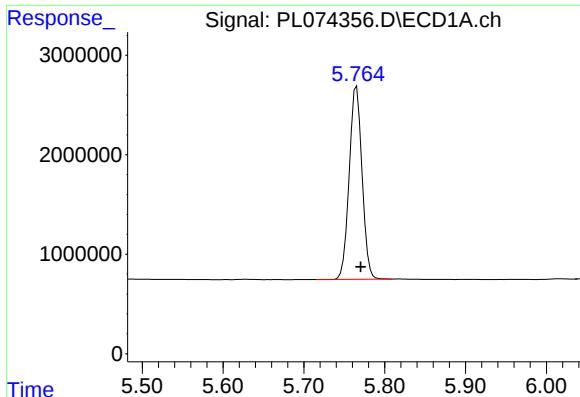
#2 alpha-BHC

R.T.: 5.342 min
Delta R.T.: -0.005 min
Response: 21866231
Conc: 52.10 ng/ml



#2 alpha-BHC

R.T.: 6.053 min
Delta R.T.: -0.001 min
Response: 135824776
Conc: 53.94 ng/ml



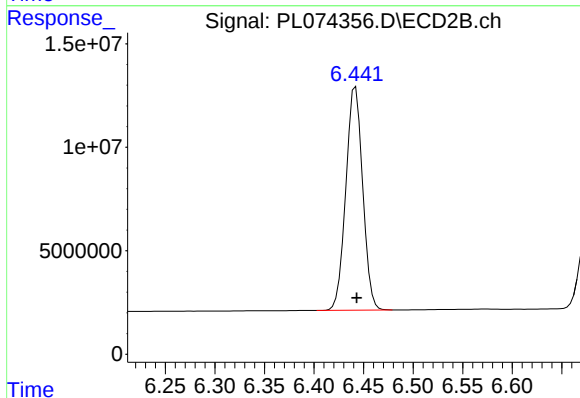
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 21416972
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

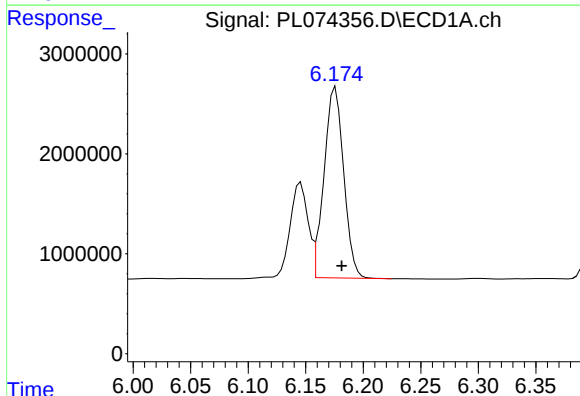
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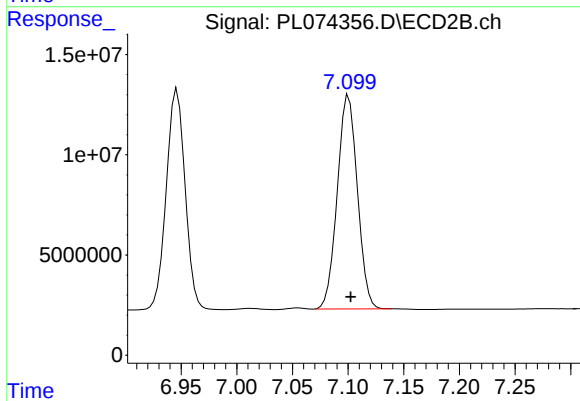
#3 gamma-BHC (Lindane)

R.T.: 6.442 min
Delta R.T.: -0.001 min
Response: 127667328
Conc: 53.93 ng/ml



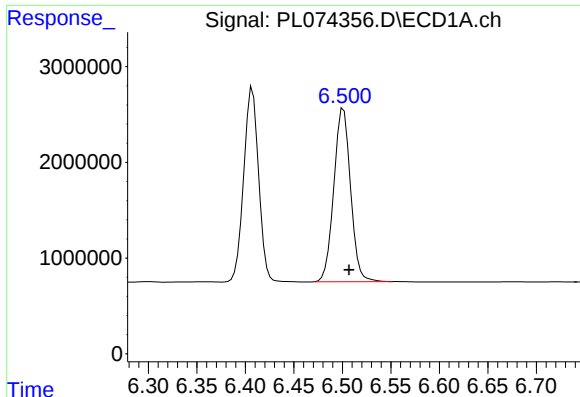
#4 Heptachlor

R.T.: 6.176 min
Delta R.T.: -0.005 min
Response: 22540347
Conc: 50.04 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.002 min
Response: 134134743
Conc: 51.42 ng/ml



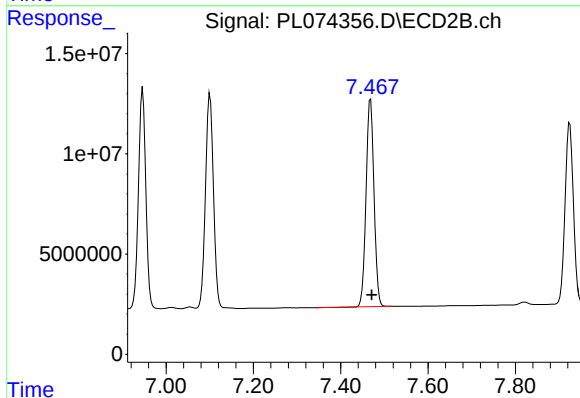
#5 Aldrin

R.T.: 6.501 min
Delta R.T.: -0.006 min
Response: 21731155
Conc: 52.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

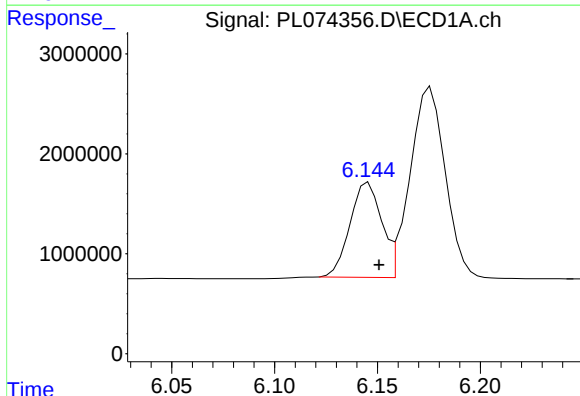
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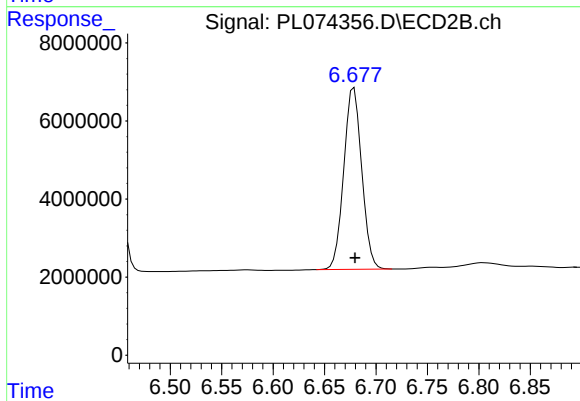
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 131686015
Conc: 56.07 ng/ml



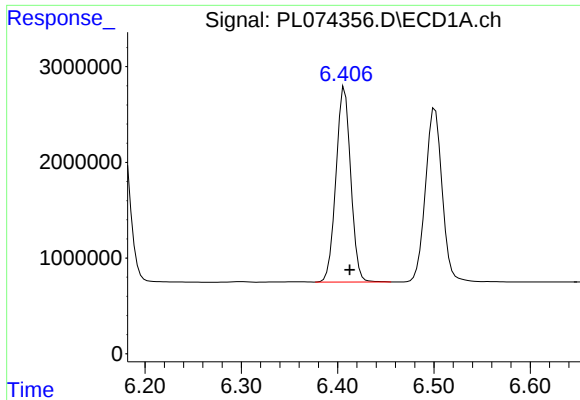
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 10164986
Conc: 49.75 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 56608778
Conc: 50.23 ng/ml



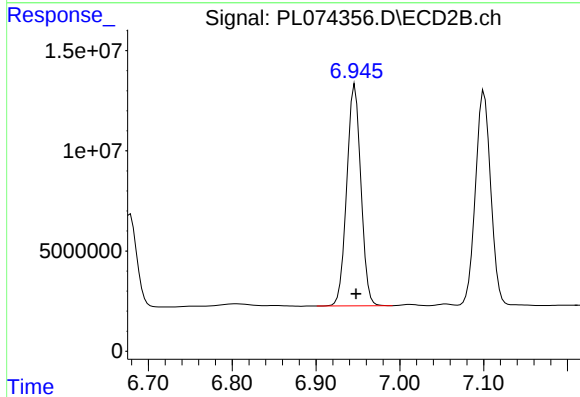
#7 delta-BHC

R.T.: 6.407 min
Delta R.T.: -0.005 min
Response: 21692283
Conc: 52.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

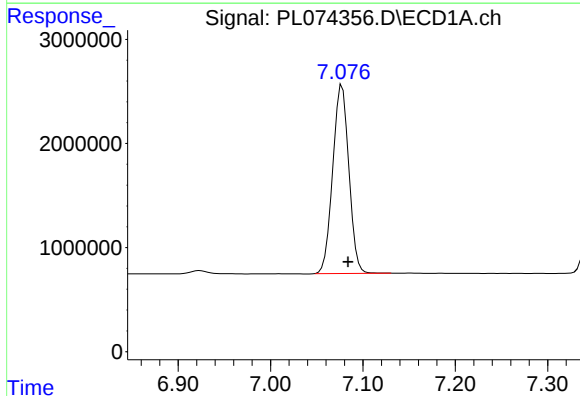
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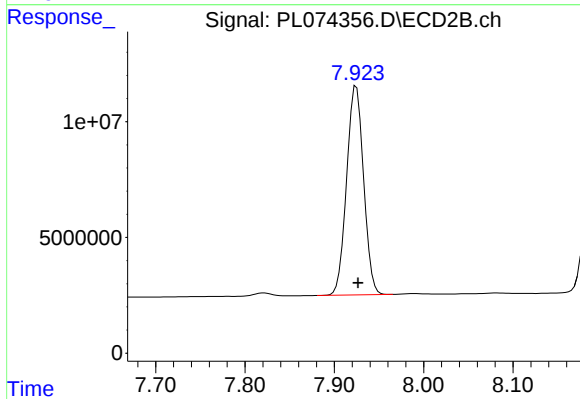
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.001 min
Response: 129783599
Conc: 53.14 ng/ml



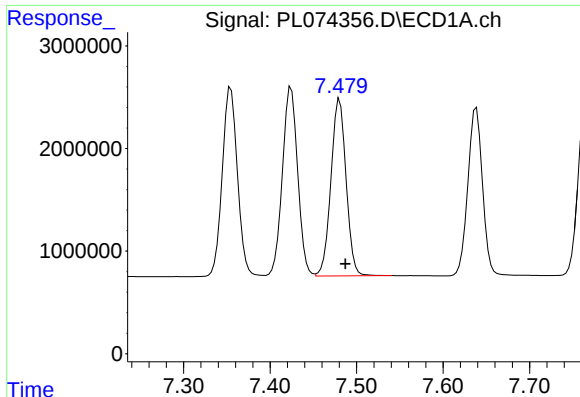
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.006 min
Response: 21991948
Conc: 51.27 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 119434924
Conc: 53.05 ng/ml



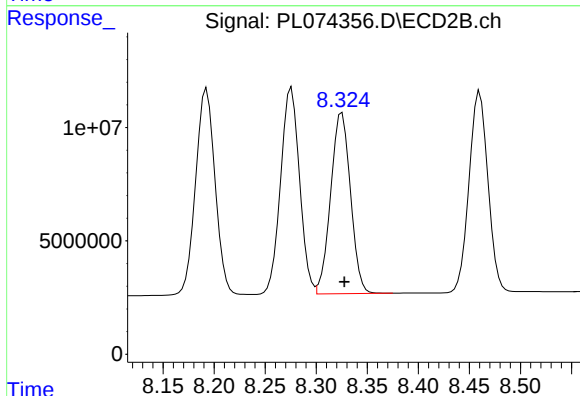
#9 Endosulfan I

R.T.: 7.481 min
Delta R.T.: -0.007 min
Response: 20946794
Conc: 51.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

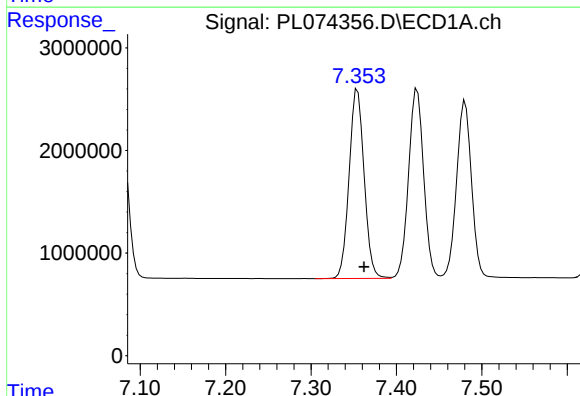
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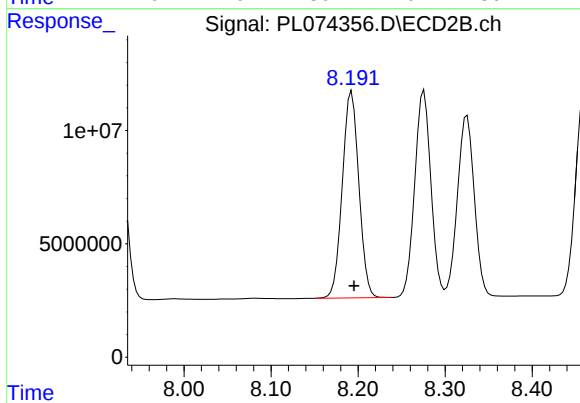
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 107805263
Conc: 54.76 ng/ml



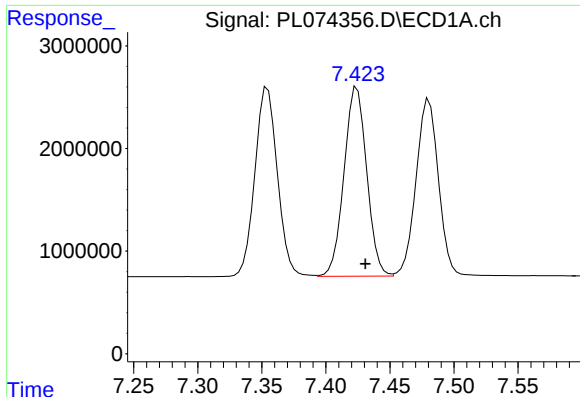
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 22532089
Conc: 51.37 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.003 min
Response: 120399948
Conc: 53.98 ng/ml



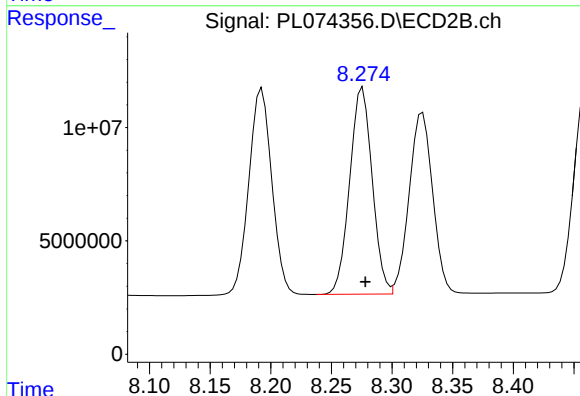
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 22673443
Conc: 51.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

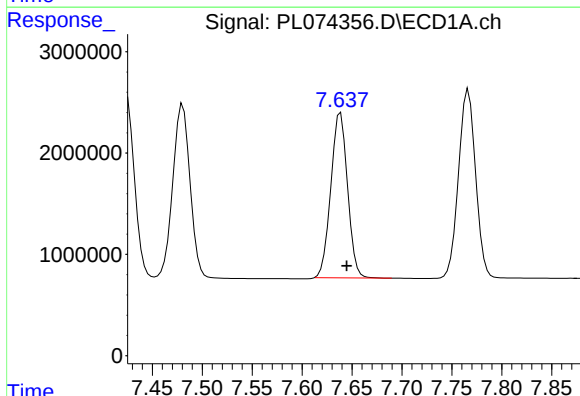
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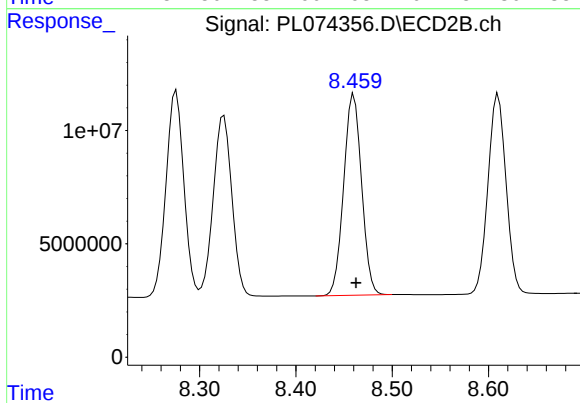
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 117772997
Conc: 54.71 ng/ml



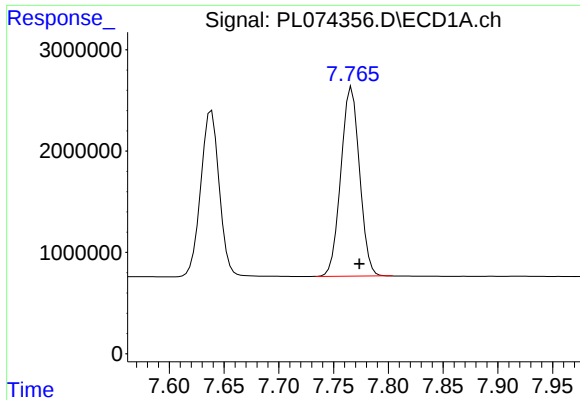
#12 4,4'-DDE

R.T.: 7.639 min
Delta R.T.: -0.006 min
Response: 18985263
Conc: 52.04 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 114347200
Conc: 57.41 ng/ml



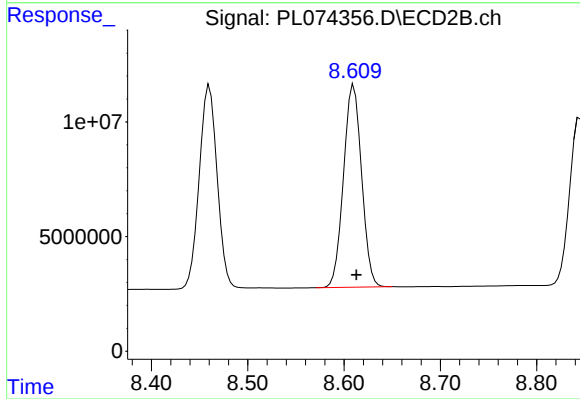
#13 Dieldrin

R.T.: 7.765 min
Delta R.T.: -0.008 min
Response: 22140248
Conc: 51.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

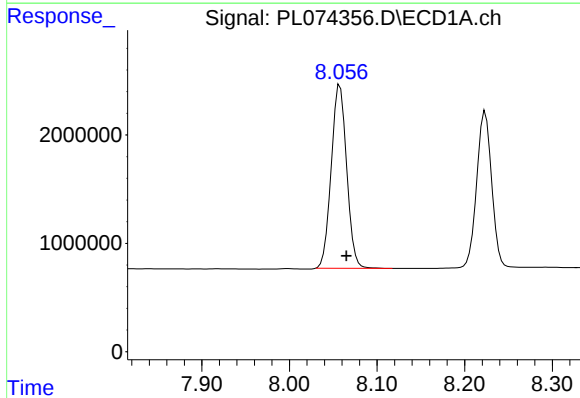
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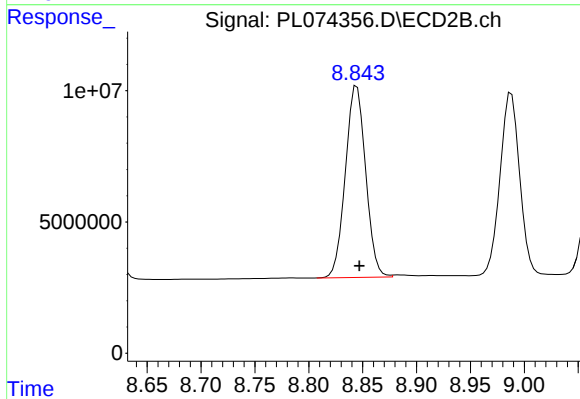
#13 Dieldrin

R.T.: 8.610 min
Delta R.T.: -0.003 min
Response: 114773550
Conc: 57.24 ng/ml



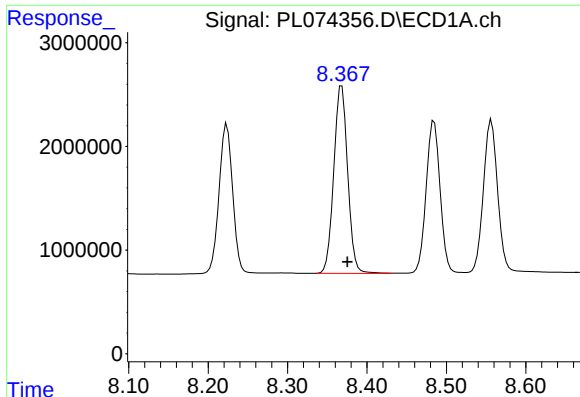
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 20778008
Conc: 51.15 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 95825602
Conc: 56.58 ng/ml



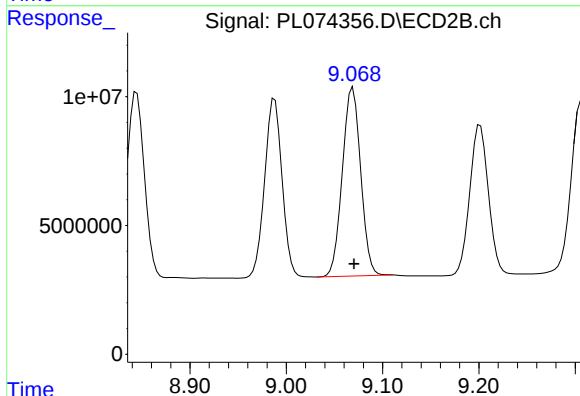
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 22012264
Conc: 53.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

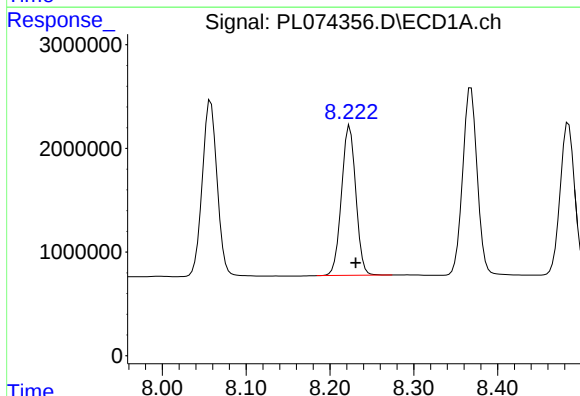
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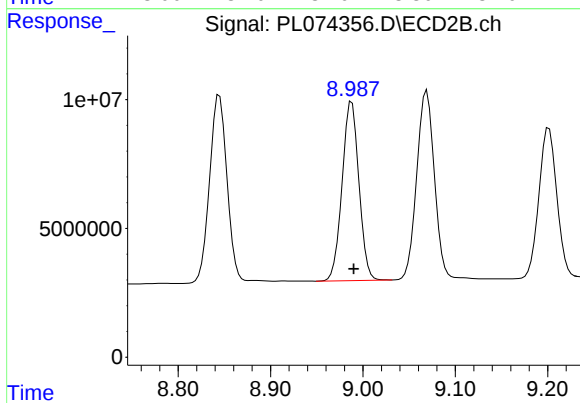
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 96626154
Conc: 55.62 ng/ml



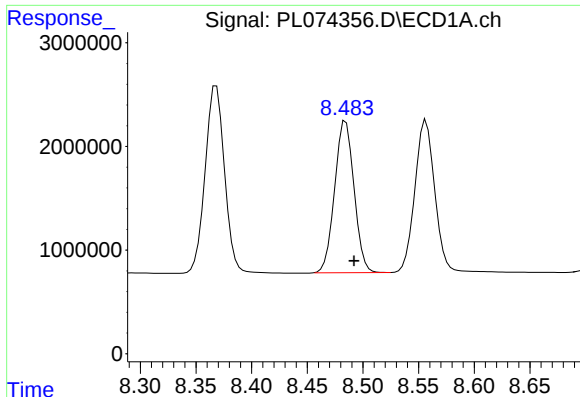
#16 4,4'-DDD

R.T.: 8.224 min
Delta R.T.: -0.007 min
Response: 17148811
Conc: 53.10 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 88011831
Conc: 57.20 ng/ml



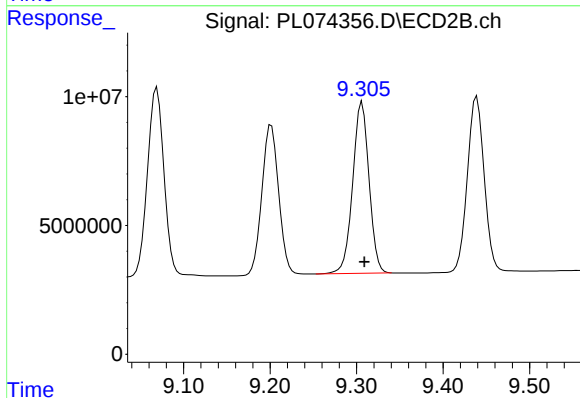
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 17748251
Conc: 48.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
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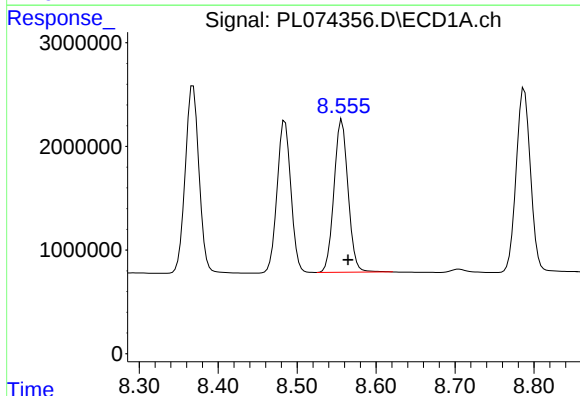
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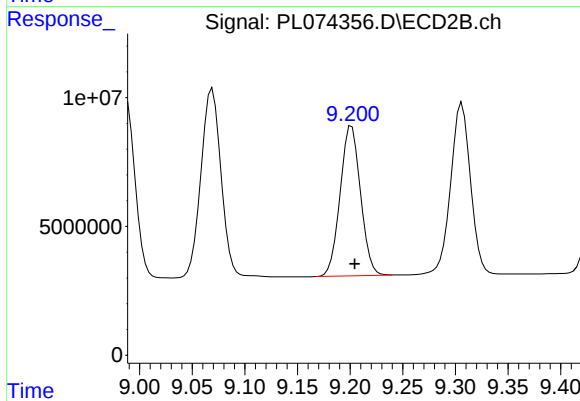
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 87261643
Conc: 49.23 ng/ml



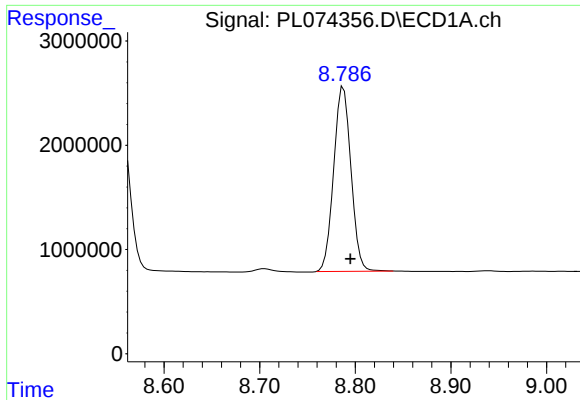
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 18251744
Conc: 56.41 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 78674551
Conc: 60.91 ng/ml m



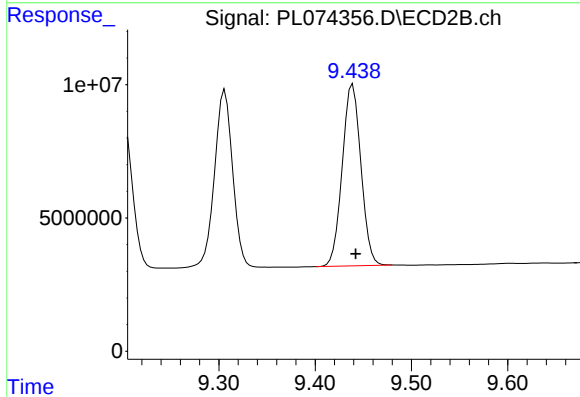
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 22218300
Conc: 52.03 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

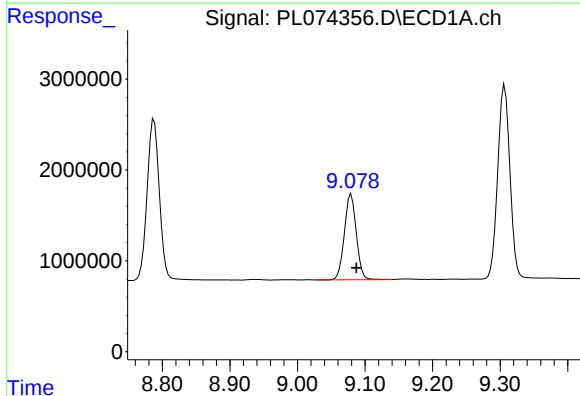
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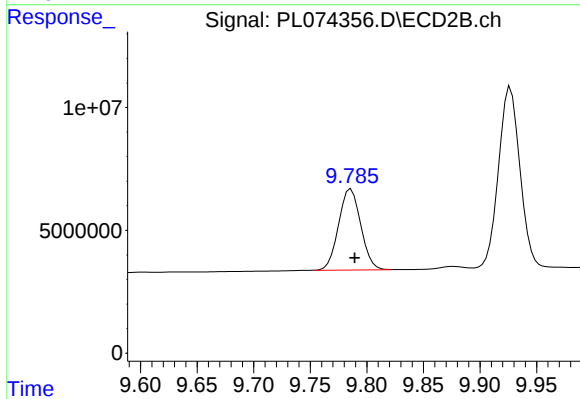
#19 Endosulfan Sulfate

R.T.: 9.439 min
Delta R.T.: -0.003 min
Response: 91682986
Conc: 55.09 ng/ml



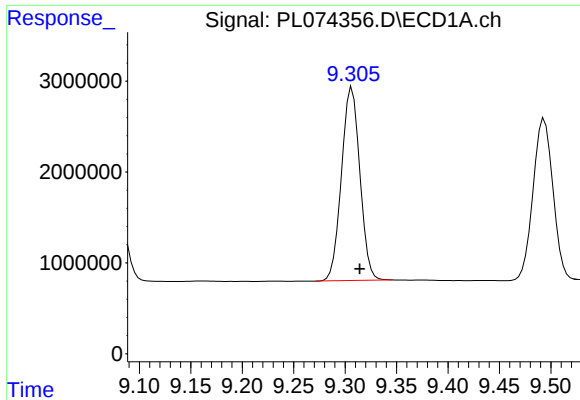
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 11511890
Conc: 46.37 ng/ml



#20 Methoxychlor

R.T.: 9.785 min
Delta R.T.: -0.005 min
Response: 45064071
Conc: 46.85 ng/ml m



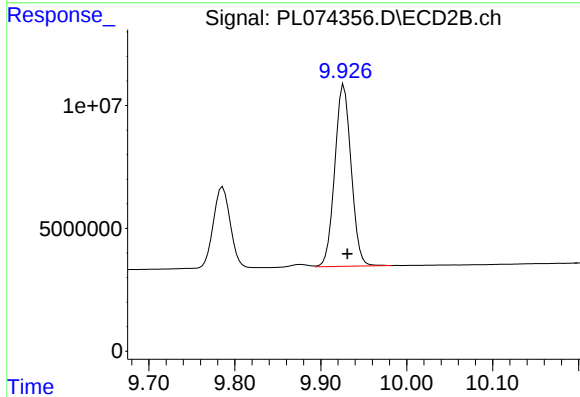
#21 Endrin ketone

R.T.: 9.305 min
Delta R.T.: -0.009 min
Response: 26471600
Conc: 54.18 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

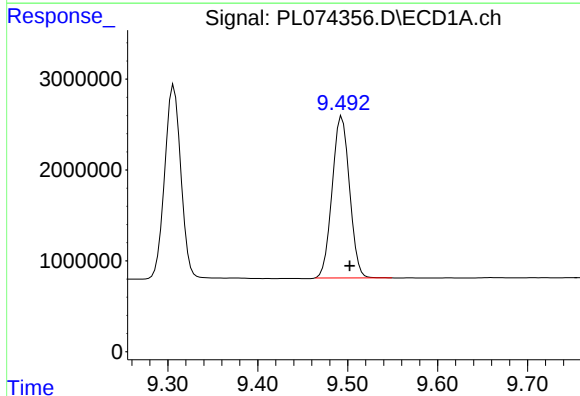
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/26/2022
Supervised By :mohammad ahmed 04/26/2022



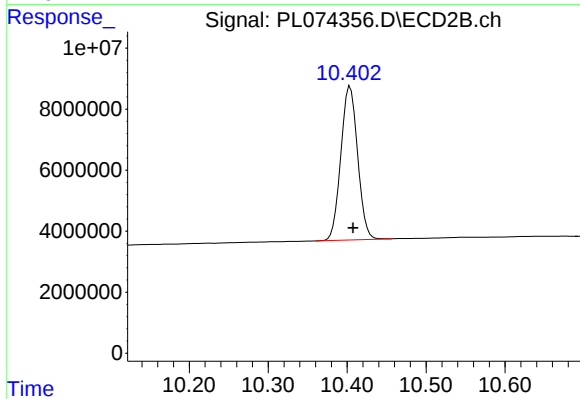
#21 Endrin ketone

R.T.: 9.927 min
Delta R.T.: -0.004 min
Response: 97862042
Conc: 56.54 ng/ml



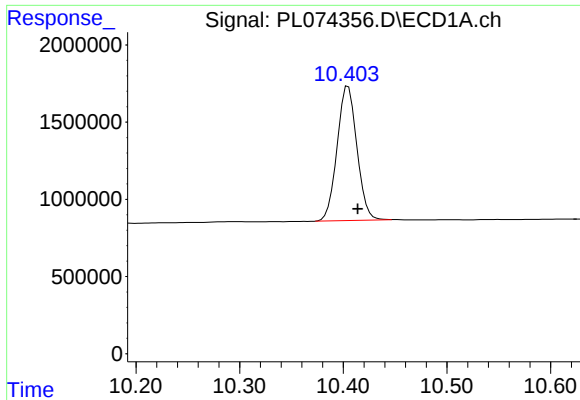
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 23936063
Conc: 51.32 ng/ml



#22 Mirex

R.T.: 10.404 min
Delta R.T.: -0.004 min
Response: 74417802
Conc: 54.03 ng/ml



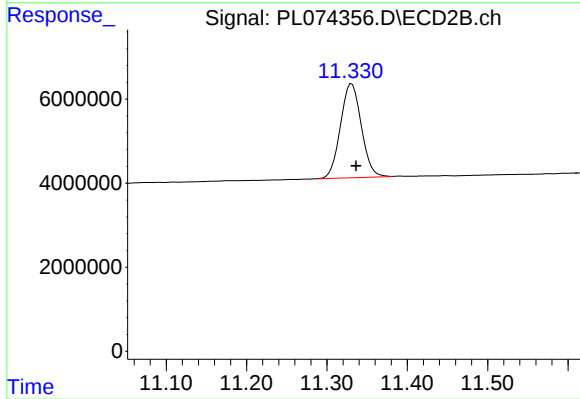
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 11556537
Conc: 22.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144359BSD

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#28 Decachlorobiphenyl

R.T.: 11.331 min
Delta R.T.: -0.005 min
Response: 40435377
Conc: 22.89 ng/ml