

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042822\
 Data File : PL074440.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 29 Apr 2022 05:43
 Operator : AR\AJ
 Sample : PB144446BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB144446BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/29/2022
 Supervised By : mohammad ahmed 04/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:29:03 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	6870115	36399532	21.262	20.415
28)	SA Decachlor...	10.403	11.332	11909638	39394414	22.902m	22.303
Target Compounds							
2)	A alpha-BHC	5.341	6.052	3788458	19935780	9.027	7.917
3)	MA gamma-BHC...	5.765	6.440	3958266	20536301	9.438	8.676m
4)	MA Heptachlor	6.175	7.101	4426646	23404437	9.827	8.973
5)	MB Aldrin	6.500	7.468	4399239	22803988	10.599	9.710
6)	B beta-BHC	6.146	6.679	2111696	11382570	10.335	10.100
7)	B delta-BHC	6.406	6.946	1700764	10623379	4.111	4.350
8)	B Heptachlo...	7.077	7.925	4665145	21927881	10.876	9.739
9)	A Endosulfan I	7.480	8.325	4436726	19887277	10.818	10.102
10)	B gamma-Chl...	7.355	8.193	4818318	22334854	10.986	10.014
11)	B alpha-Chl...	7.424	8.276	4824751	21850959	10.921	10.151
12)	B 4,4'-DDE	7.638	8.460	3874765	20688877	10.621	10.388
13)	MA Dieldrin	7.766	8.611	4369627	20387969	10.172	10.167
14)	MA Endrin	8.058	8.845	4005351	16270199	9.860	9.607
15)	B Endosulfa...	8.368	9.069	4525265	17072265	10.979	9.827
16)	A 4,4'-DDD	8.223	8.988	3525096	16097846	10.916	10.463
17)	MA 4,4'-DDT	8.485	9.306	2997167	13716187	8.108	7.738
18)	B Endrin al...	8.557	9.200	3513418	13145345	10.859	10.177m
19)	B Endosulfa...	8.788	9.440	3943166	14148488	9.234	8.501
20)	A Methoxychlor	9.080	9.786	2258286	7913064	9.096	8.227m
21)	B Endrin ke...	9.307	9.928	5178290	18221971	10.599	10.527
22)	Mirex	9.494	10.405	17048611	49681485	36.553	36.069

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042822\
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 Sample : PB144446BS
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ClientSampleId :

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Manual Integrations

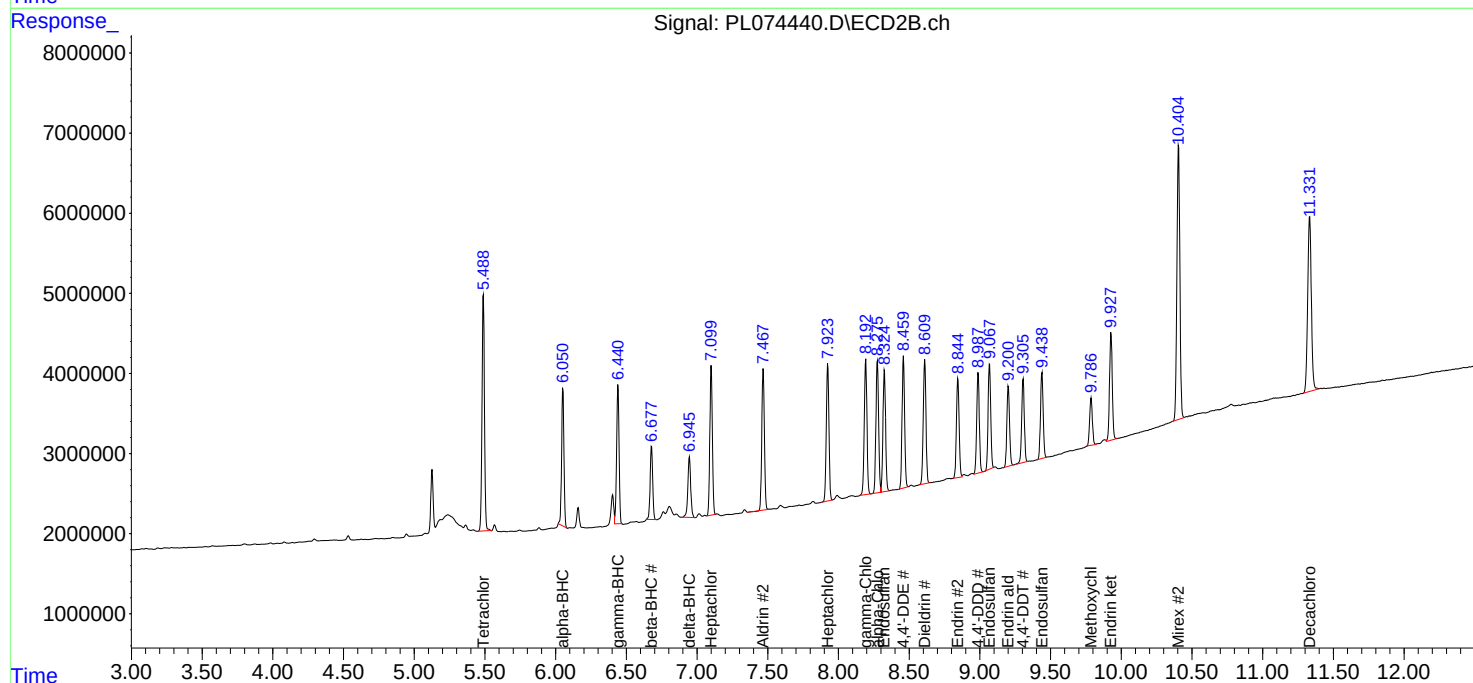
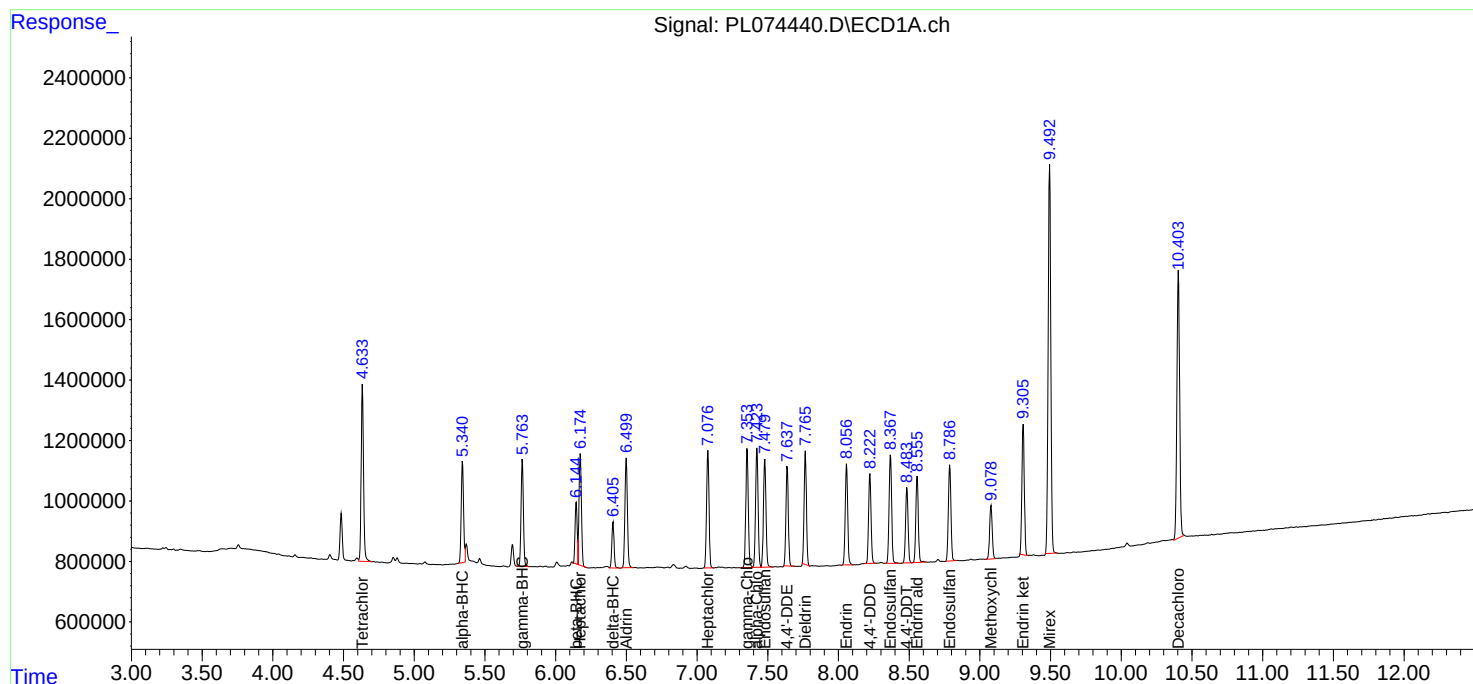
APPROVED

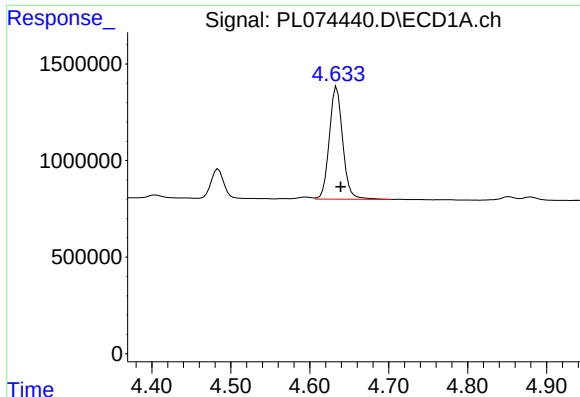
Reviewed By :Abdul Mirza 04/29/2022

Supervised By :mohammad ahmed 04/29/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 29 06:29:03 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL040822.M
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





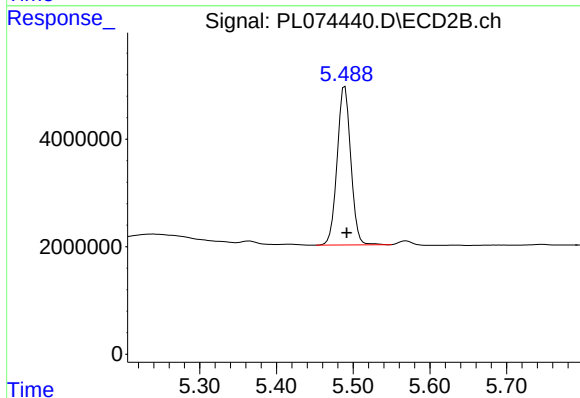
#1 Tetrachloro-m-xylene

R.T.: 4.634 min
Delta R.T.: -0.005 min
Response: 6870115
Conc: 21.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

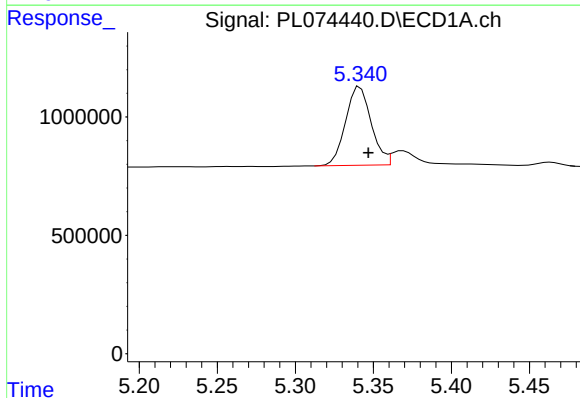
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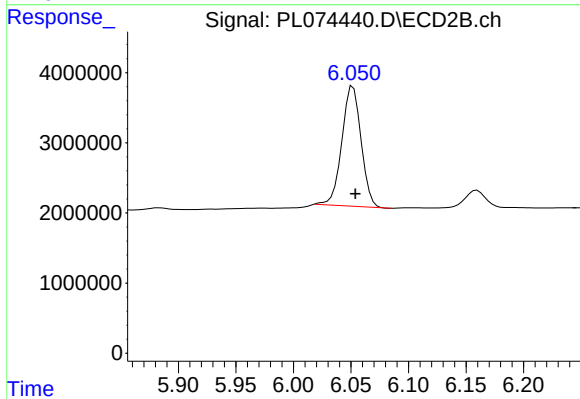
#1 Tetrachloro-m-xylene

R.T.: 5.489 min
Delta R.T.: -0.002 min
Response: 36399532
Conc: 20.42 ng/ml



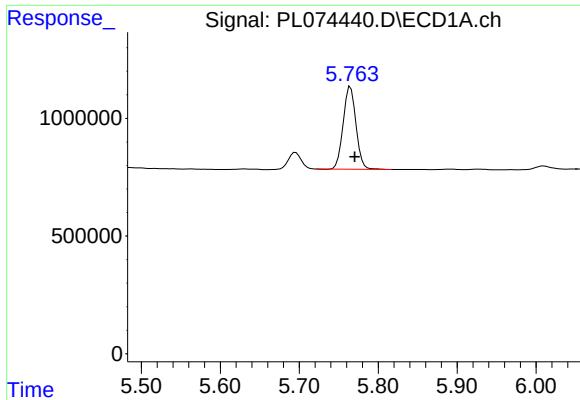
#2 alpha-BHC

R.T.: 5.341 min
Delta R.T.: -0.005 min
Response: 3788458
Conc: 9.03 ng/ml



#2 alpha-BHC

R.T.: 6.052 min
Delta R.T.: -0.002 min
Response: 19935780
Conc: 7.92 ng/ml



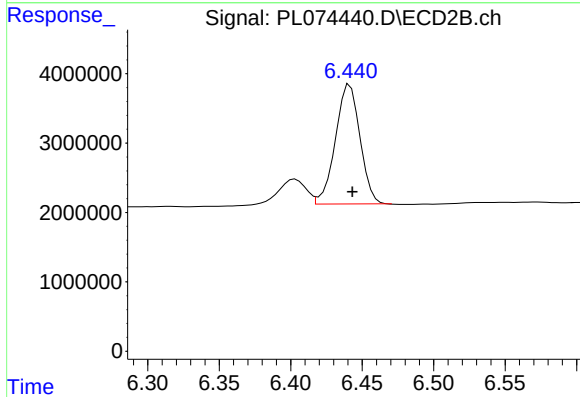
#3 gamma-BHC (Lindane)

R.T.: 5.765 min
Delta R.T.: -0.005 min
Response: 3958266
Conc: 9.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

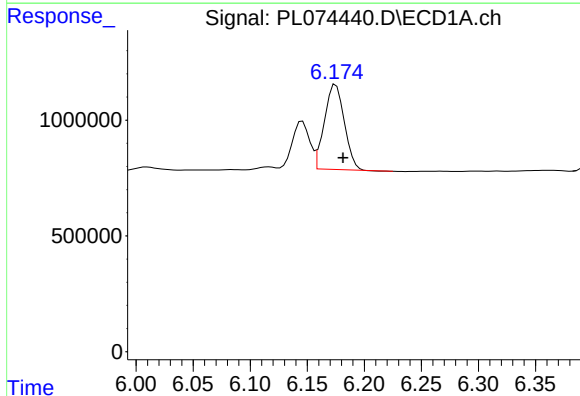
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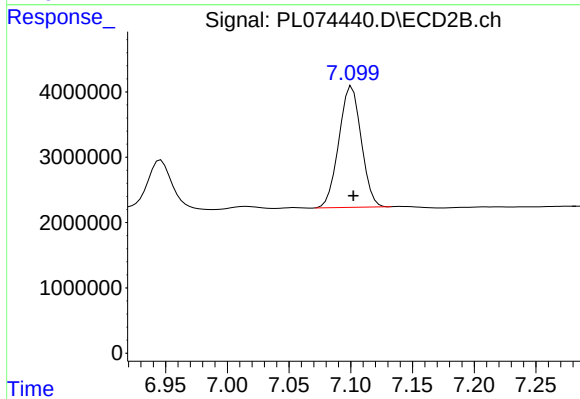
#3 gamma-BHC (Lindane)

R.T.: 6.440 min
Delta R.T.: -0.003 min
Response: 20536301
Conc: 8.68 ng/ml m



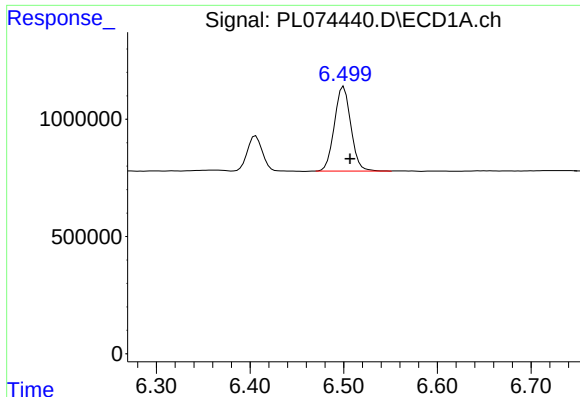
#4 Heptachlor

R.T.: 6.175 min
Delta R.T.: -0.006 min
Response: 4426646
Conc: 9.83 ng/ml



#4 Heptachlor

R.T.: 7.101 min
Delta R.T.: -0.001 min
Response: 23404437
Conc: 8.97 ng/ml



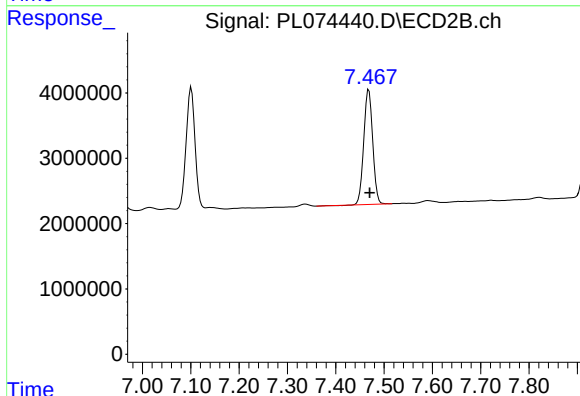
#5 Aldrin

R.T.: 6.500 min
Delta R.T.: -0.007 min
Response: 4399239
Conc: 10.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

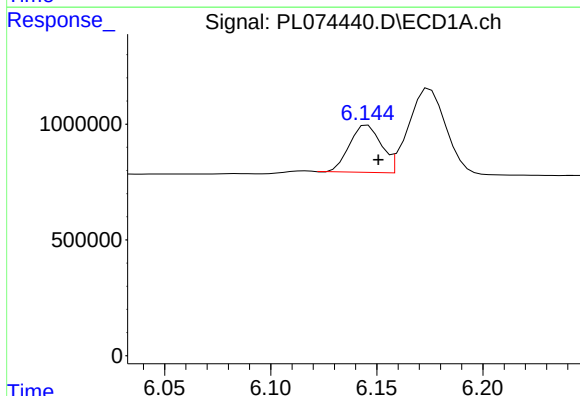
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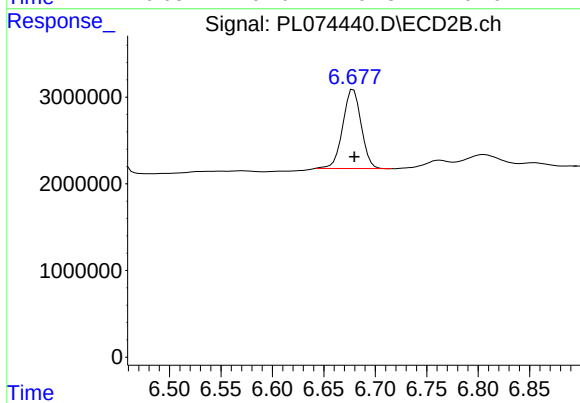
#5 Aldrin

R.T.: 7.468 min
Delta R.T.: -0.002 min
Response: 22803988
Conc: 9.71 ng/ml



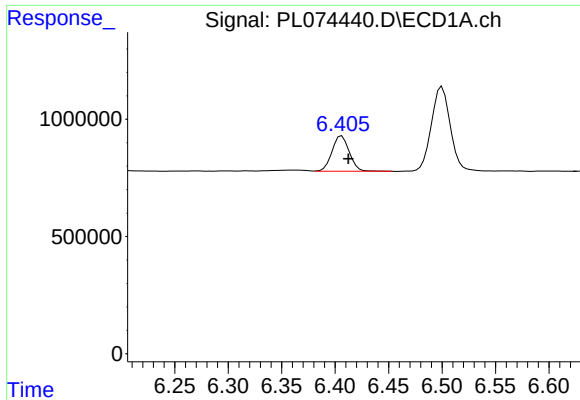
#6 beta-BHC

R.T.: 6.146 min
Delta R.T.: -0.005 min
Response: 2111696
Conc: 10.33 ng/ml



#6 beta-BHC

R.T.: 6.679 min
Delta R.T.: -0.001 min
Response: 11382570
Conc: 10.10 ng/ml



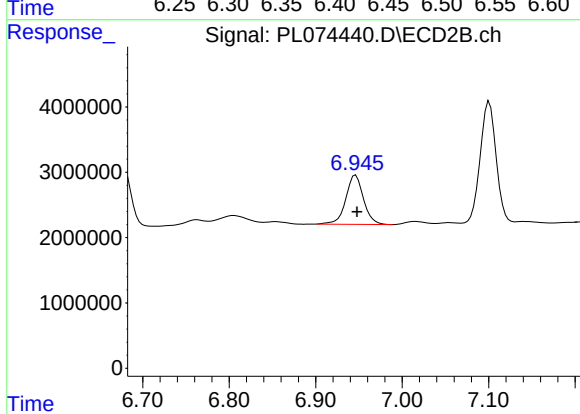
#7 delta-BHC

R.T.: 6.406 min
Delta R.T.: -0.006 min
Response: 1700764
Conc: 4.11 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

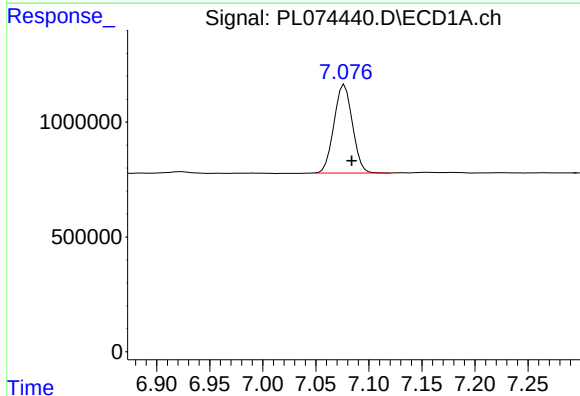
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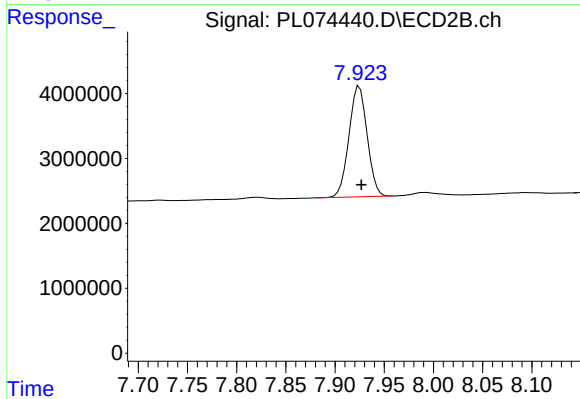
#7 delta-BHC

R.T.: 6.946 min
Delta R.T.: -0.002 min
Response: 10623379
Conc: 4.35 ng/ml



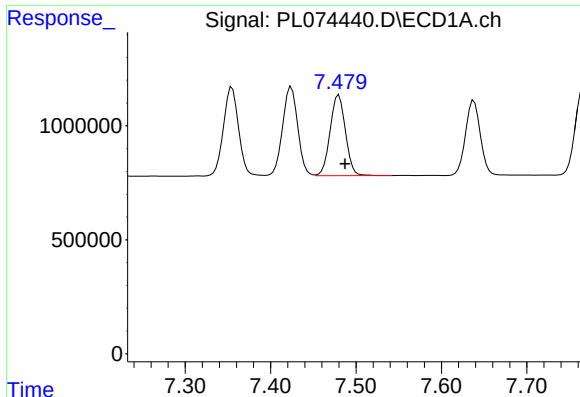
#8 Heptachlor epoxide

R.T.: 7.077 min
Delta R.T.: -0.007 min
Response: 4665145
Conc: 10.88 ng/ml



#8 Heptachlor epoxide

R.T.: 7.925 min
Delta R.T.: -0.002 min
Response: 21927881
Conc: 9.74 ng/ml



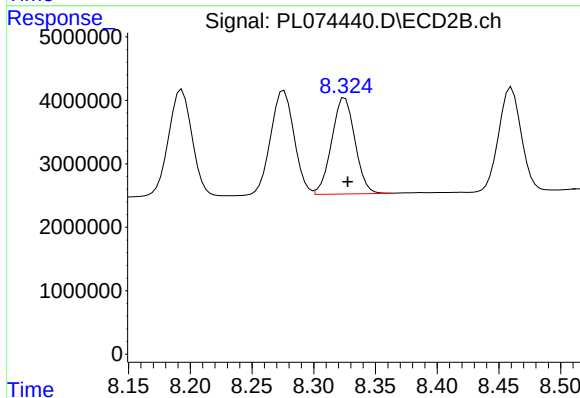
#9 Endosulfan I

R.T.: 7.480 min
Delta R.T.: -0.007 min
Response: 4436726
Conc: 10.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

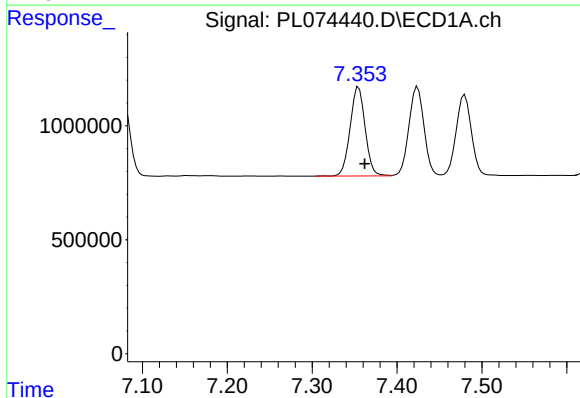
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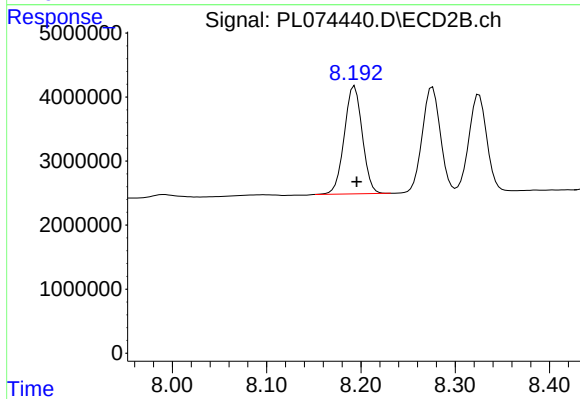
#9 Endosulfan I

R.T.: 8.325 min
Delta R.T.: -0.002 min
Response: 19887277
Conc: 10.10 ng/ml



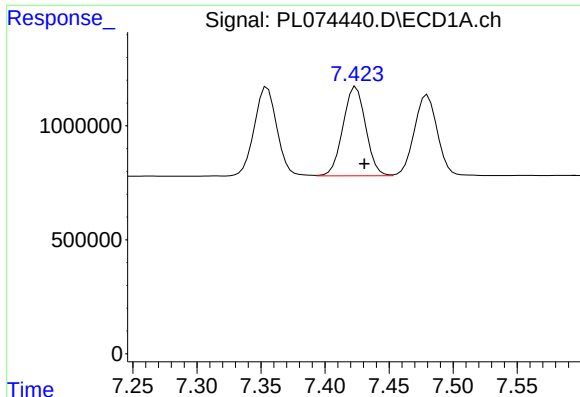
#10 gamma-Chlordane

R.T.: 7.355 min
Delta R.T.: -0.007 min
Response: 4818318
Conc: 10.99 ng/ml



#10 gamma-Chlordane

R.T.: 8.193 min
Delta R.T.: -0.002 min
Response: 22334854
Conc: 10.01 ng/ml



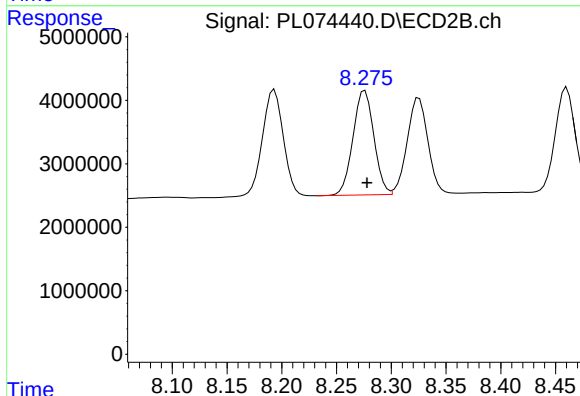
#11 alpha-Chlordane

R.T.: 7.424 min
Delta R.T.: -0.006 min
Response: 4824751
Conc: 10.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

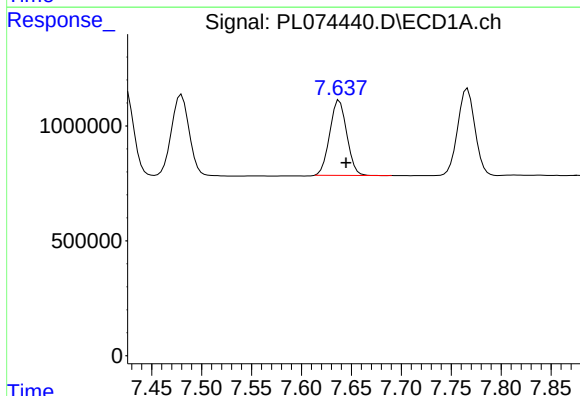
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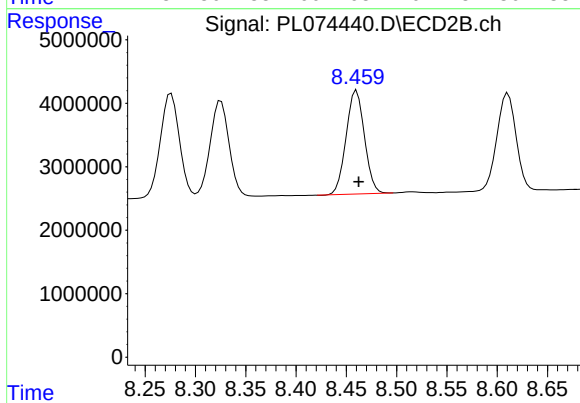
#11 alpha-Chlordane

R.T.: 8.276 min
Delta R.T.: -0.002 min
Response: 21850959
Conc: 10.15 ng/ml



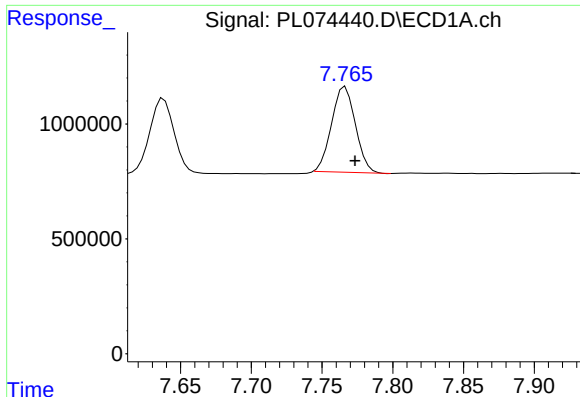
#12 4,4'-DDE

R.T.: 7.638 min
Delta R.T.: -0.007 min
Response: 3874765
Conc: 10.62 ng/ml



#12 4,4'-DDE

R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 20688877
Conc: 10.39 ng/ml



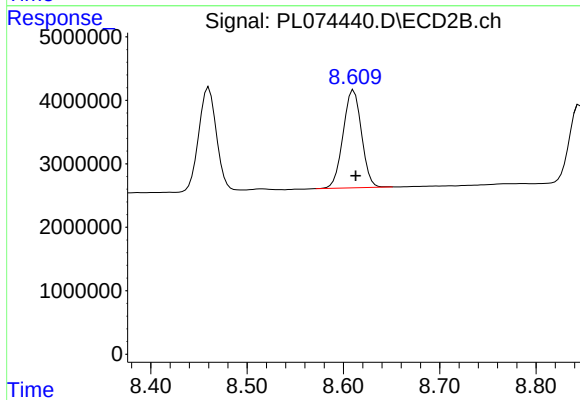
#13 Dieldrin

R.T.: 7.766 min
Delta R.T.: -0.007 min
Response: 4369627
Conc: 10.17 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

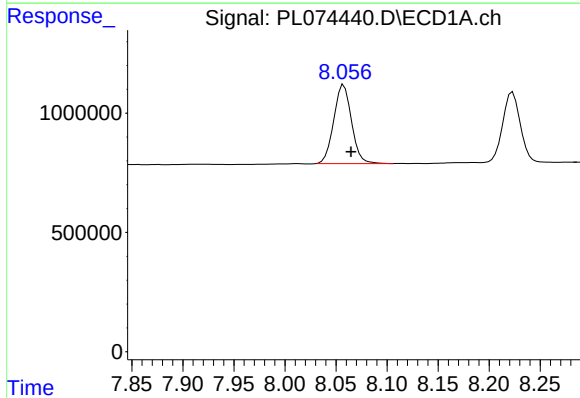
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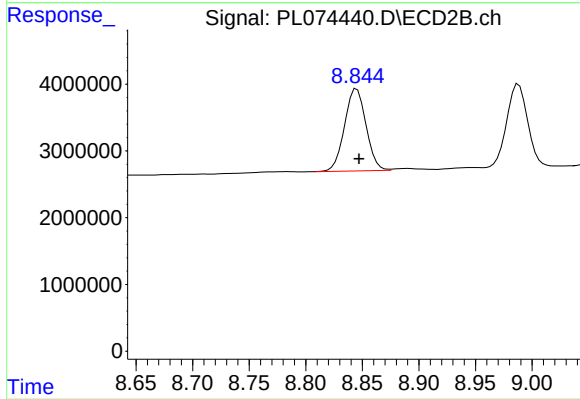
#13 Dieldrin

R.T.: 8.611 min
Delta R.T.: -0.002 min
Response: 20387969
Conc: 10.17 ng/ml



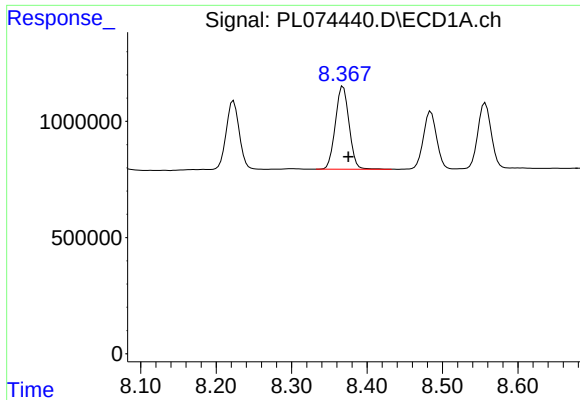
#14 Endrin

R.T.: 8.058 min
Delta R.T.: -0.007 min
Response: 4005351
Conc: 9.86 ng/ml



#14 Endrin

R.T.: 8.845 min
Delta R.T.: -0.002 min
Response: 16270199
Conc: 9.61 ng/ml



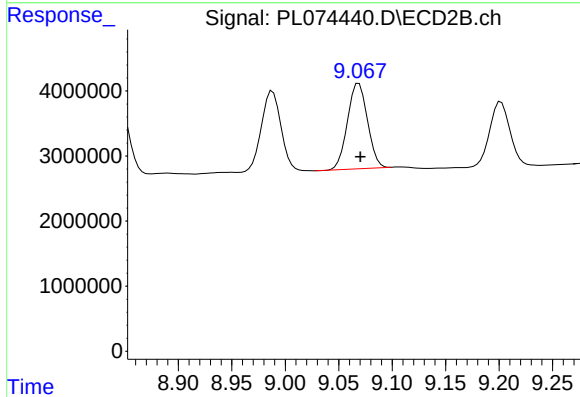
#15 Endosulfan II

R.T.: 8.368 min
Delta R.T.: -0.007 min
Response: 4525265
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

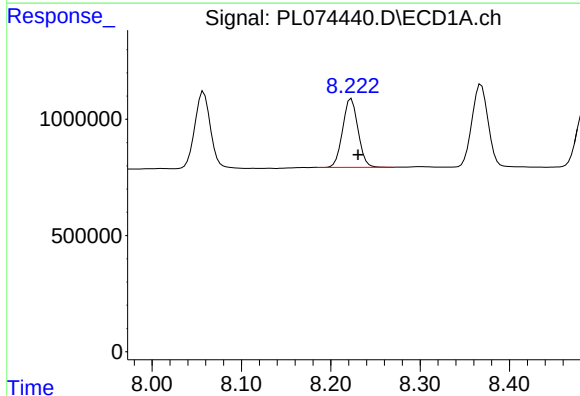
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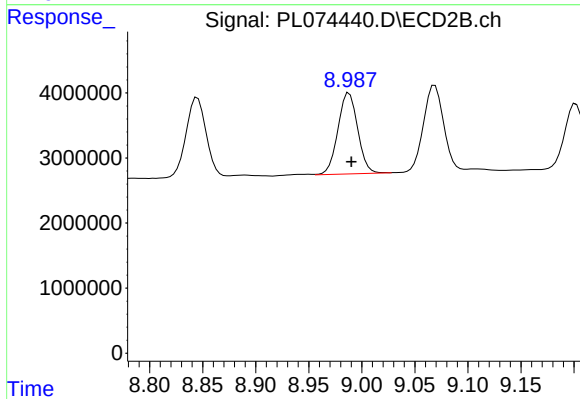
#15 Endosulfan II

R.T.: 9.069 min
Delta R.T.: -0.001 min
Response: 17072265
Conc: 9.83 ng/ml



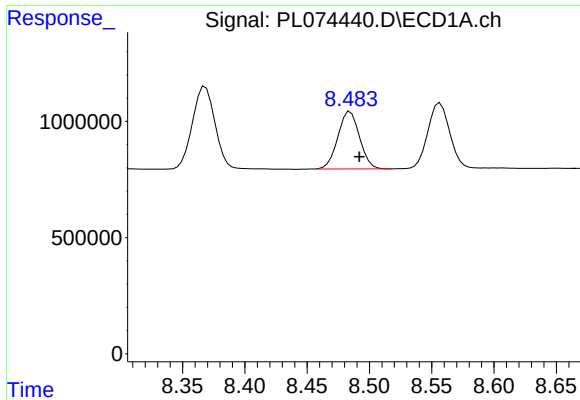
#16 4,4'-DDD

R.T.: 8.223 min
Delta R.T.: -0.008 min
Response: 3525096
Conc: 10.92 ng/ml



#16 4,4'-DDD

R.T.: 8.988 min
Delta R.T.: -0.002 min
Response: 16097846
Conc: 10.46 ng/ml



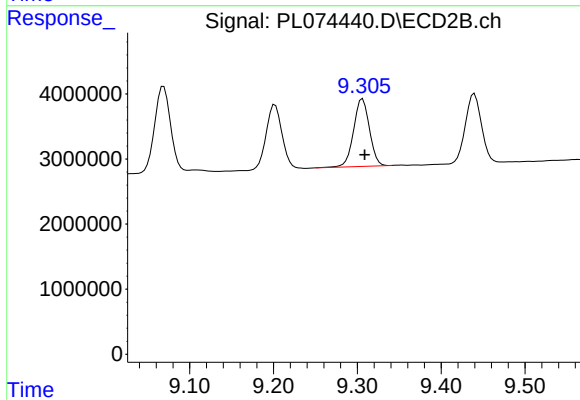
#17 4,4'-DDT

R.T.: 8.485 min
Delta R.T.: -0.007 min
Response: 2997167
Conc: 8.11 ng/ml

Instrument :
ECD_L
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PB144446BS

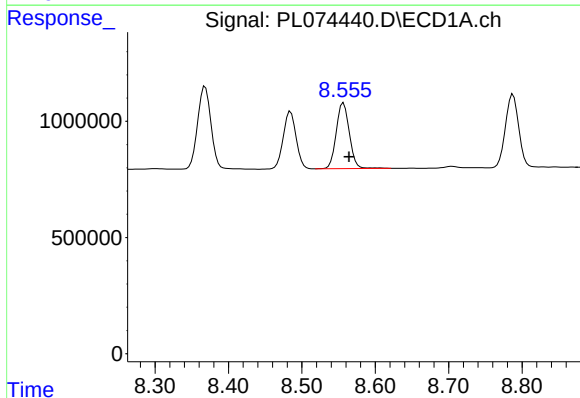
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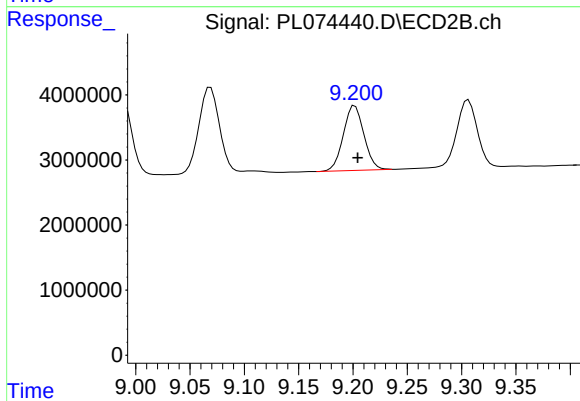
#17 4,4'-DDT

R.T.: 9.306 min
Delta R.T.: -0.003 min
Response: 13716187
Conc: 7.74 ng/ml



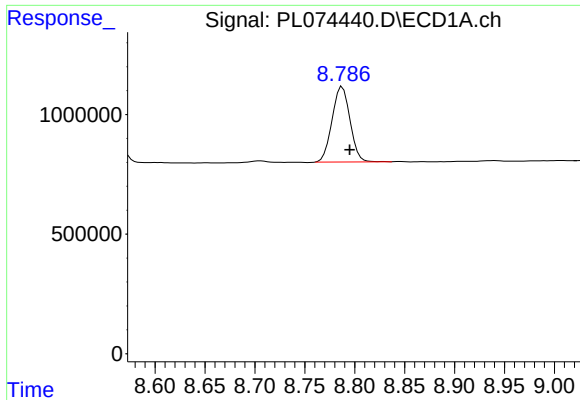
#18 Endrin aldehyde

R.T.: 8.557 min
Delta R.T.: -0.008 min
Response: 3513418
Conc: 10.86 ng/ml



#18 Endrin aldehyde

R.T.: 9.200 min
Delta R.T.: -0.004 min
Response: 13145345
Conc: 10.18 ng/ml m



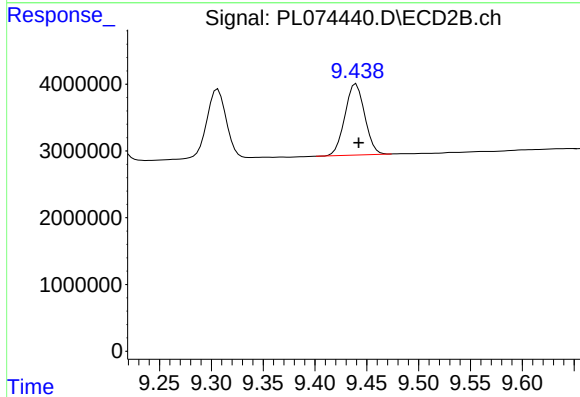
#19 Endosulfan Sulfate

R.T.: 8.788 min
Delta R.T.: -0.007 min
Response: 3943166
Conc: 9.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

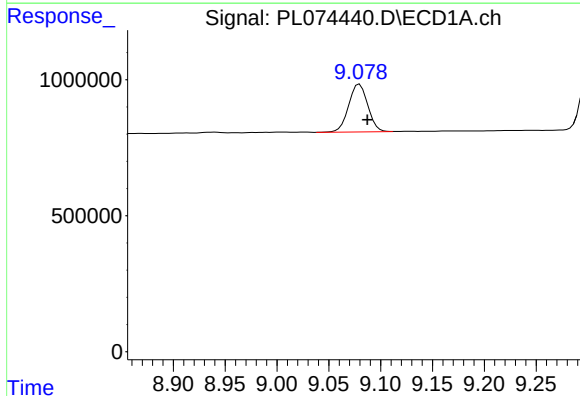
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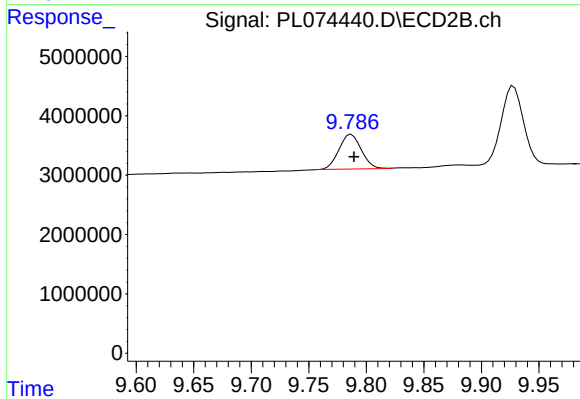
#19 Endosulfan Sulfate

R.T.: 9.440 min
Delta R.T.: -0.003 min
Response: 14148488
Conc: 8.50 ng/ml



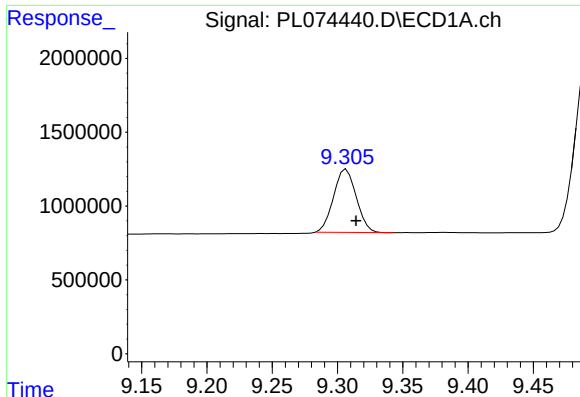
#20 Methoxychlor

R.T.: 9.080 min
Delta R.T.: -0.008 min
Response: 2258286
Conc: 9.10 ng/ml



#20 Methoxychlor

R.T.: 9.786 min
Delta R.T.: -0.004 min
Response: 7913064
Conc: 8.23 ng/ml m



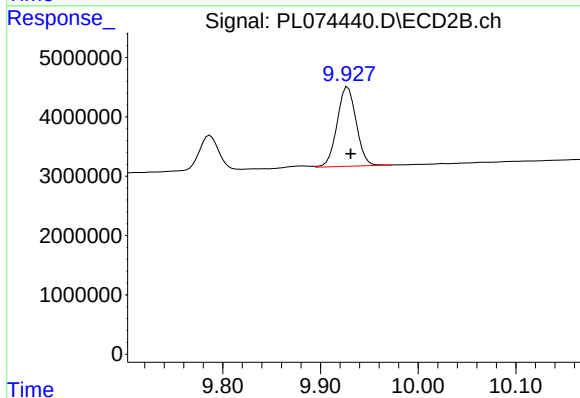
#21 Endrin ketone

R.T.: 9.307 min
Delta R.T.: -0.008 min
Response: 5178290
Conc: 10.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

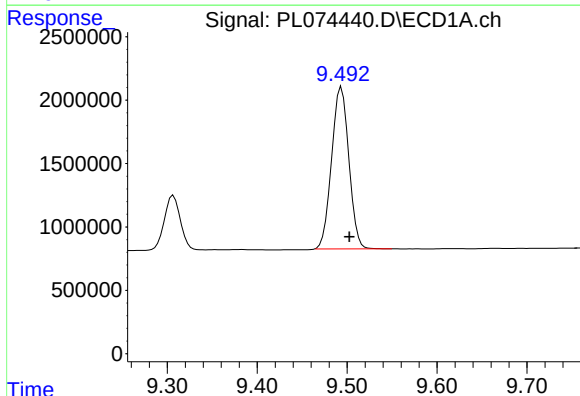
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Supervised By :mohammad ahmed 04/29/2022



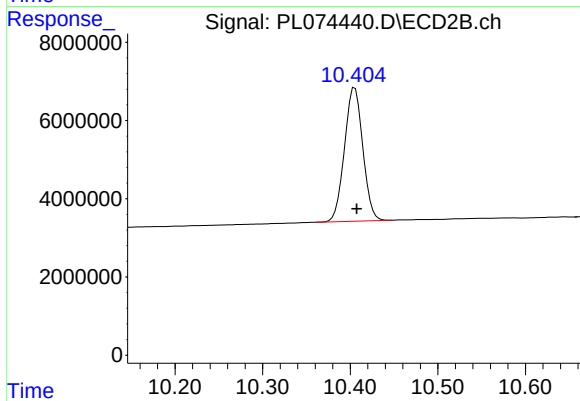
#21 Endrin ketone

R.T.: 9.928 min
Delta R.T.: -0.003 min
Response: 18221971
Conc: 10.53 ng/ml



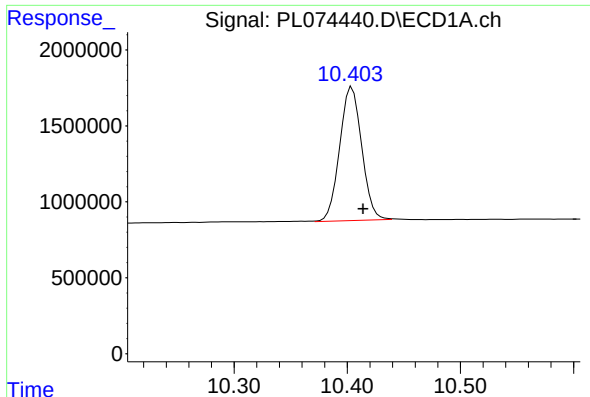
#22 Mirex

R.T.: 9.494 min
Delta R.T.: -0.009 min
Response: 17048611
Conc: 36.55 ng/ml



#22 Mirex

R.T.: 10.405 min
Delta R.T.: -0.002 min
Response: 49681485
Conc: 36.07 ng/ml



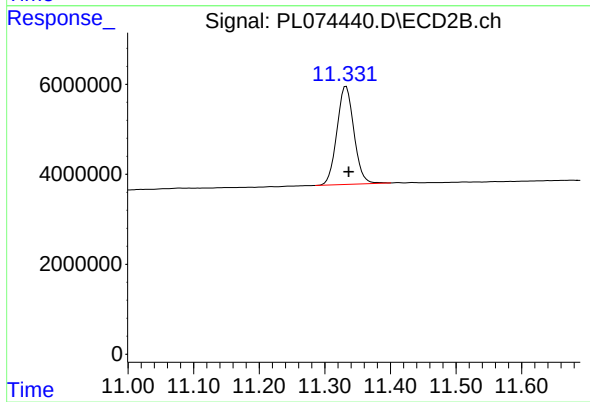
#28 Decachlorobiphenyl

R.T.: 10.403 min
Delta R.T.: -0.011 min
Response: 11909638
Conc: 22.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB144446BS

Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 04/29/2022
Supervised By :mohammad ahmed 04/29/2022



#28 Decachlorobiphenyl

R.T.: 11.332 min
Delta R.T.: -0.004 min
Response: 39394414
Conc: 22.30 ng/ml