

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012522\
 Data File : PL072227.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 25 Jan 2022 13:11
 Operator : AR\AJ
 Sample : PB141979BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB141979BS

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/26/2022
 Supervised By : Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 00:38:41 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL011722.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 18 10:53:59 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...	4.565	5.493	11073963	31732739	19.946	19.538
28)	SA Decachlor...	10.324	11.390	19757474	33984293	22.239m	21.062
Target Compounds							
2)	A alpha-BHC	5.271	6.075	38185919	115.2E6	49.386	47.726
3)	MA gamma-BHC...	5.694	6.472	36657826	109.5E6	48.616	48.666
4)	MA Heptachlor	6.100	7.118	43641970	113.8E6	50.588	49.096
5)	MB Aldrin	6.424	7.488	37972265	103.5E6	48.088	46.824
6)	B beta-BHC	6.079	6.731	16337607	49245137	49.424	49.737
7)	B delta-BHC	6.337	6.997	38779947	109.3E6	48.956	44.444
8)	B Heptachlo...	7.002	7.957	37806665	96949890	49.665	48.419
9)	A Endosulfan I	7.404	8.361	35971572	88758657	50.614	49.036
10)	B gamma-Chl...	7.279	8.226	38647746	97131578	49.188	48.065
11)	B alpha-Chl...	7.348	8.307	38675659	95160834	49.300	47.993
12)	B 4,4'-DDE	7.563	8.497	36523032	90948451	50.587	48.089
13)	MA Dieldrin	7.690	8.650	37165368	91662885	49.056	46.657
14)	MA Endrin	7.981	8.890	34858941	80604965	49.751	48.615
15)	B Endosulfa...	8.293	9.126	33640614	77266718	45.245	45.056
16)	A 4,4'-DDD	8.149	9.037	30301574	70939094	51.690	49.615
17)	MA 4,4'-DDT	8.409	9.354	34104355	79856681	51.357	50.525
18)	B Endrin al...	8.482	9.261	27756328	62383323	48.717	50.253
19)	B Endosulfa...	8.713	9.499	35527527	75754411	48.457	48.525
20)	A Methoxychlor	9.005	9.842	21308215	41281063	50.506	49.835
21)	B Endrin ke...	9.231	9.996	42049701	82940817	50.498	50.115
22)	Mirex	9.412	10.459	35945300	60825071	48.675	48.747

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

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 ALS Vial : 10 Sample Multiplier: 1

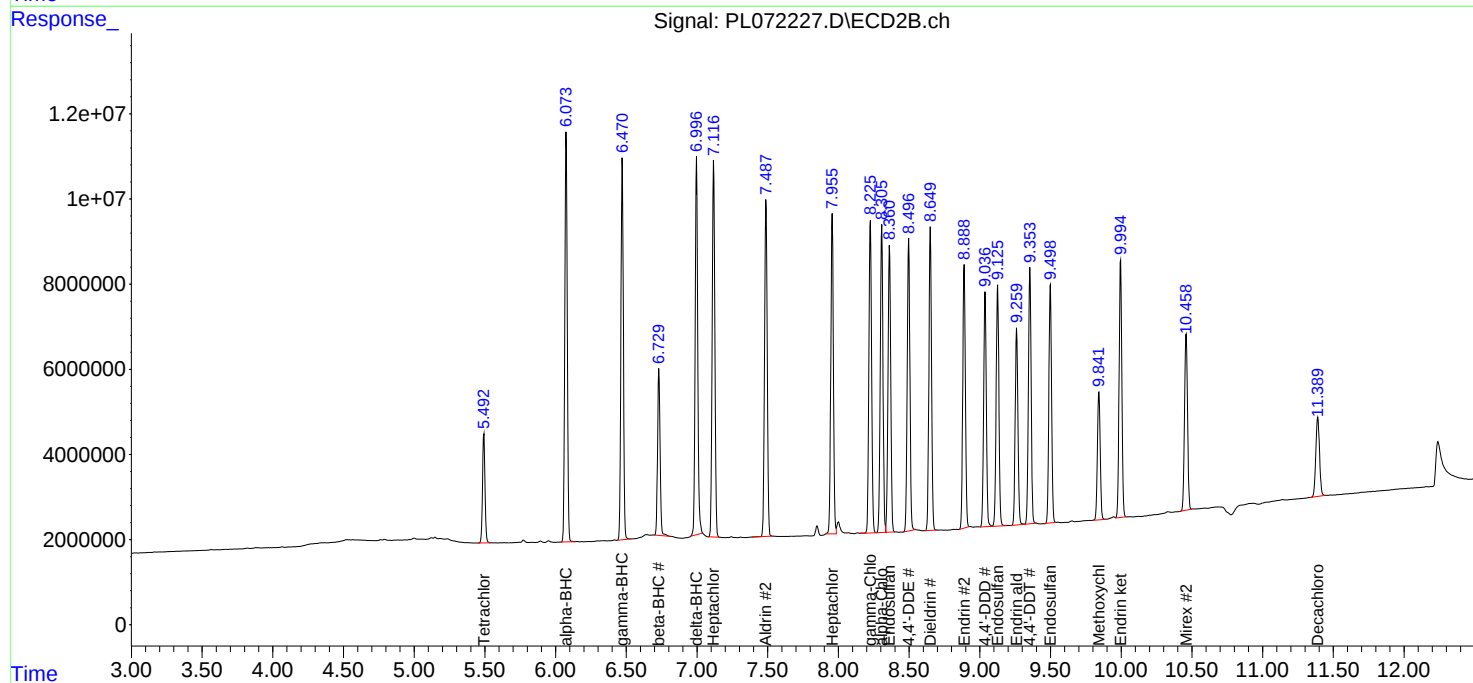
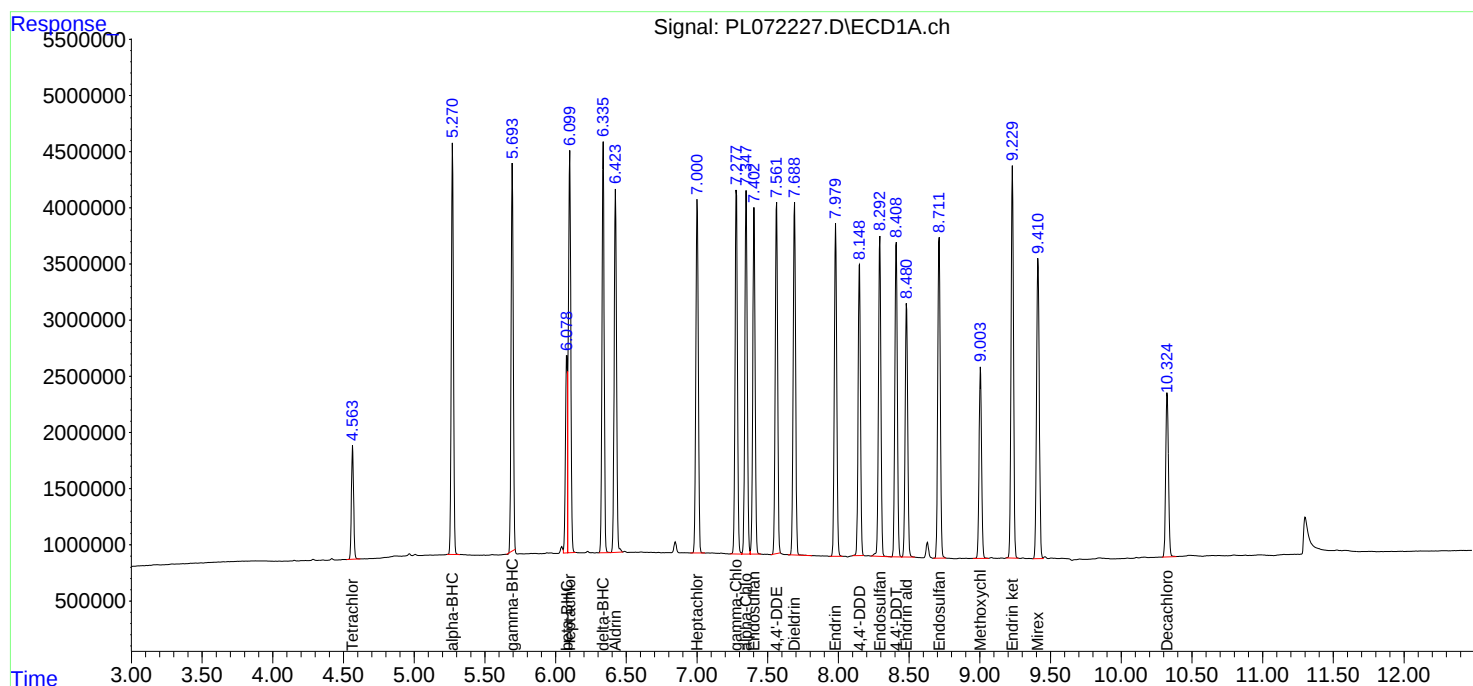
Instrument :
 ECD_L
 ClientSampleId :
 PB141979BS

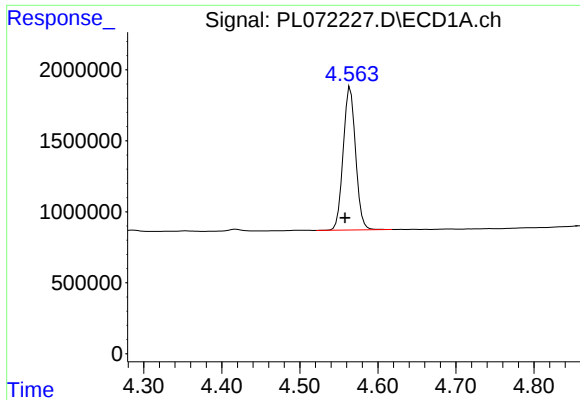
Manual Integrations APPROVED

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 Supervised By :Ankita Jodhani 01/26/2022

Integration File signal 1: autoint1.e
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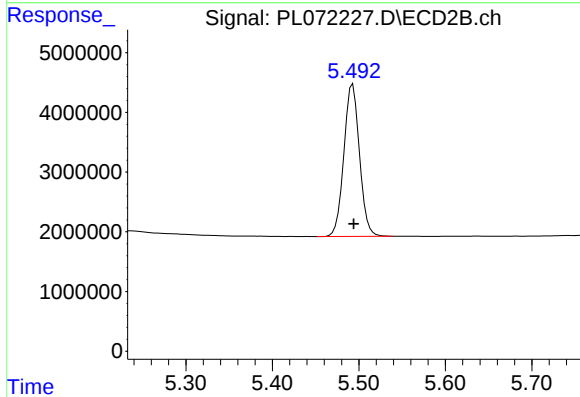
#1 Tetrachloro-m-xylene

R.T.: 4.565 min
Delta R.T.: 0.007 min
Response: 11073963
Conc: 19.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

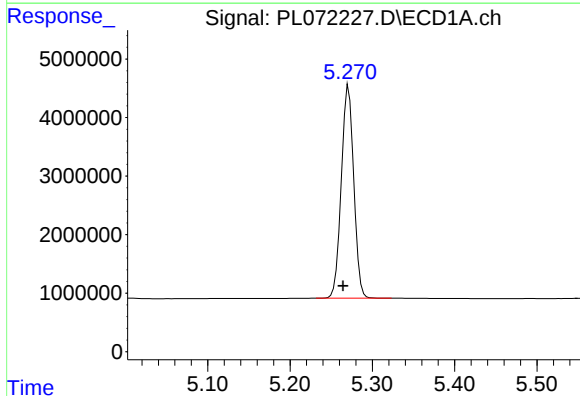
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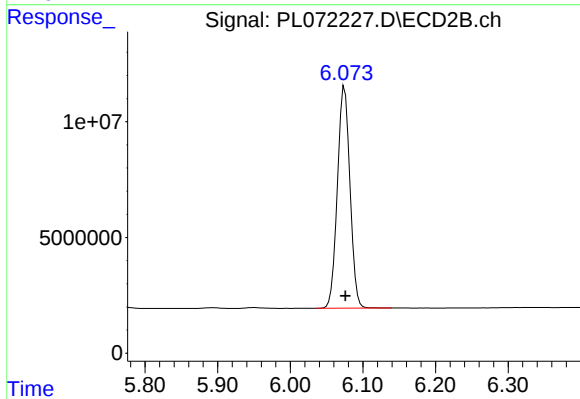
#1 Tetrachloro-m-xylene

R.T.: 5.493 min
Delta R.T.: -0.001 min
Response: 31732739
Conc: 19.54 ng/ml



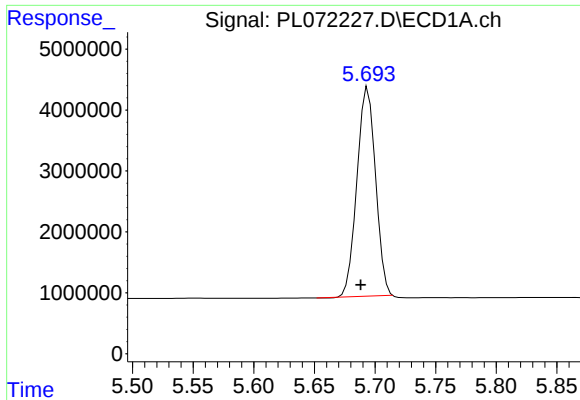
#2 alpha-BHC

R.T.: 5.271 min
Delta R.T.: 0.006 min
Response: 38185919
Conc: 49.39 ng/ml



#2 alpha-BHC

R.T.: 6.075 min
Delta R.T.: -0.001 min
Response: 115155760
Conc: 47.73 ng/ml



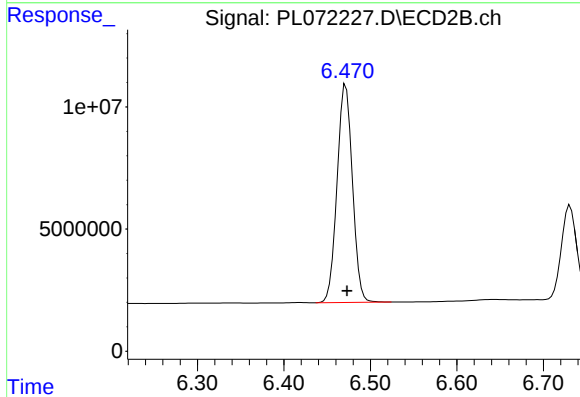
#3 gamma-BHC (Lindane)

R.T.: 5.694 min
Delta R.T.: 0.006 min
Response: 36657826
Conc: 48.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

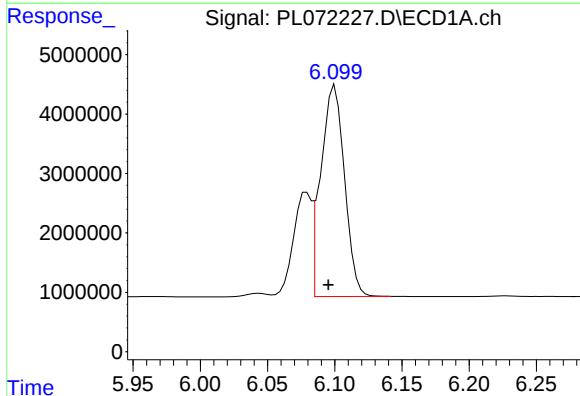
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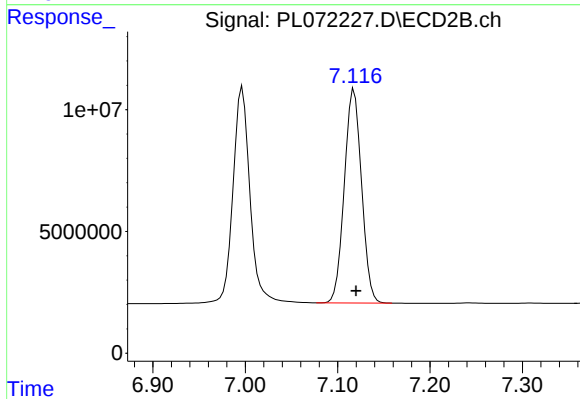
#3 gamma-BHC (Lindane)

R.T.: 6.472 min
Delta R.T.: -0.001 min
Response: 109514005
Conc: 48.67 ng/ml



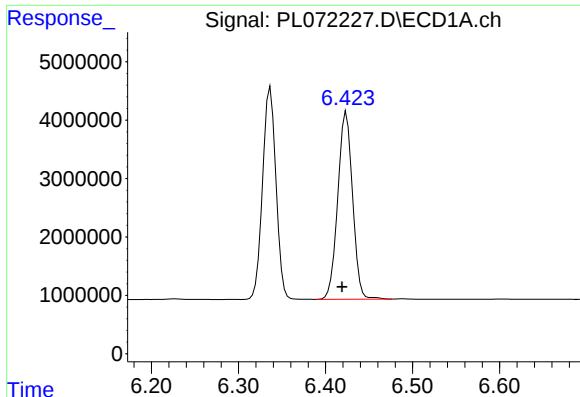
#4 Heptachlor

R.T.: 6.100 min
Delta R.T.: 0.005 min
Response: 43641970
Conc: 50.59 ng/ml



#4 Heptachlor

R.T.: 7.118 min
Delta R.T.: -0.002 min
Response: 113827450
Conc: 49.10 ng/ml



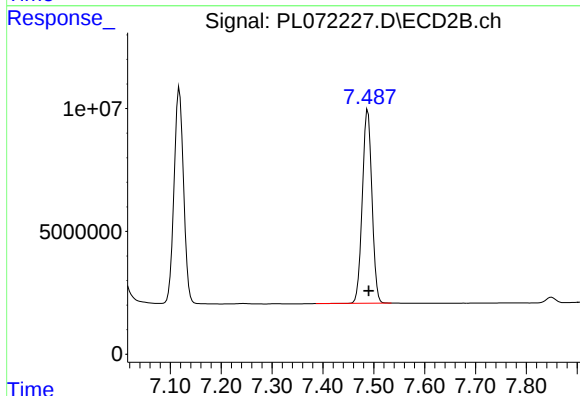
#5 Aldrin

R.T.: 6.424 min
Delta R.T.: 0.005 min
Response: 37972265
Conc: 48.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

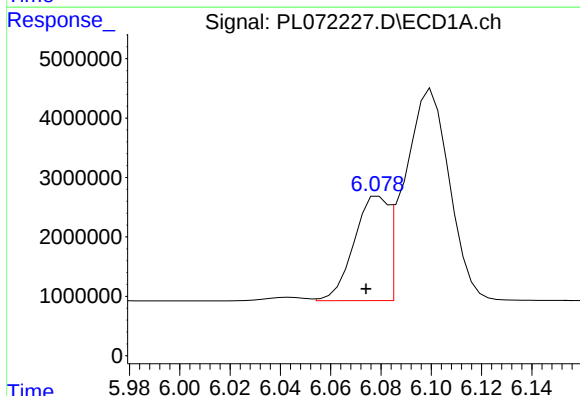
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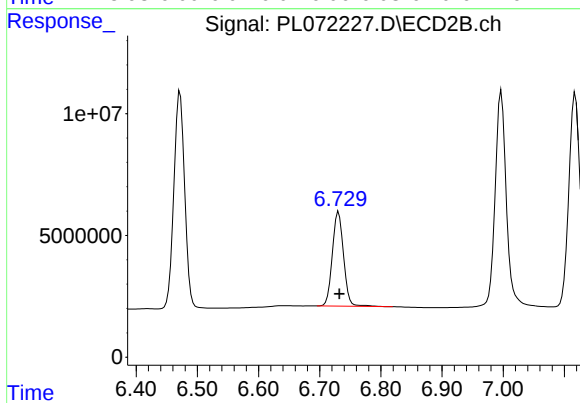
#5 Aldrin

R.T.: 7.488 min
Delta R.T.: -0.002 min
Response: 103539354
Conc: 46.82 ng/ml



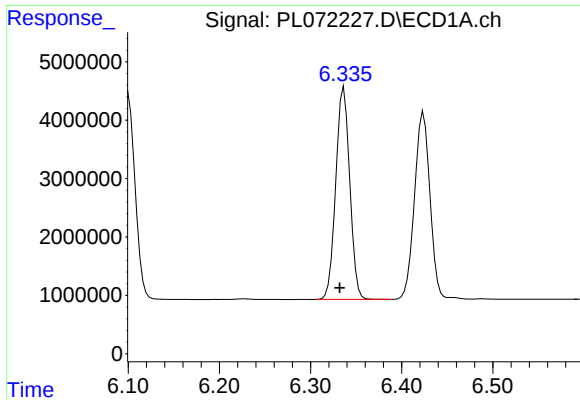
#6 beta-BHC

R.T.: 6.079 min
Delta R.T.: 0.005 min
Response: 16337607
Conc: 49.42 ng/ml



#6 beta-BHC

R.T.: 6.731 min
Delta R.T.: -0.002 min
Response: 49245137
Conc: 49.74 ng/ml



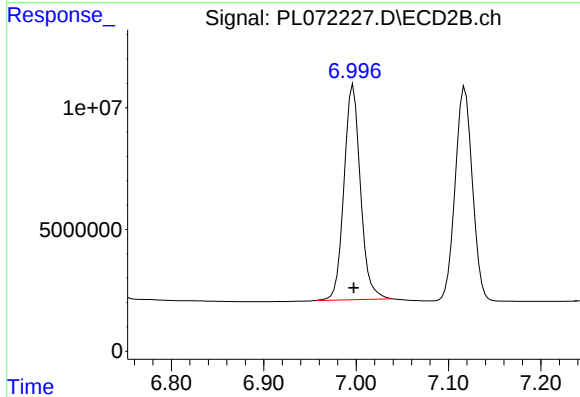
#7 delta-BHC

R.T.: 6.337 min
Delta R.T.: 0.004 min
Response: 38779947
Conc: 48.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

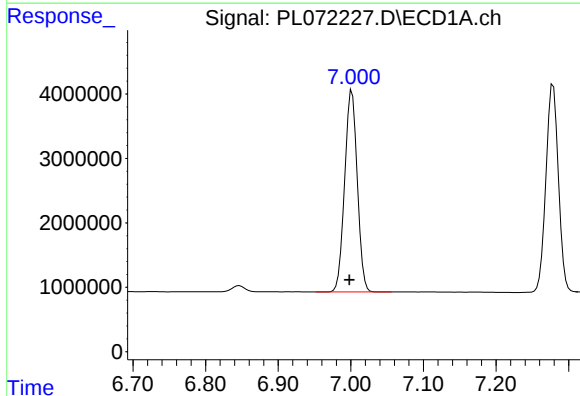
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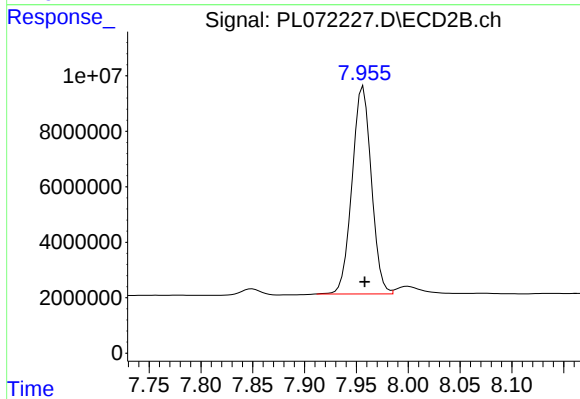
#7 delta-BHC

R.T.: 6.997 min
Delta R.T.: 0.000 min
Response: 109345634
Conc: 44.44 ng/ml



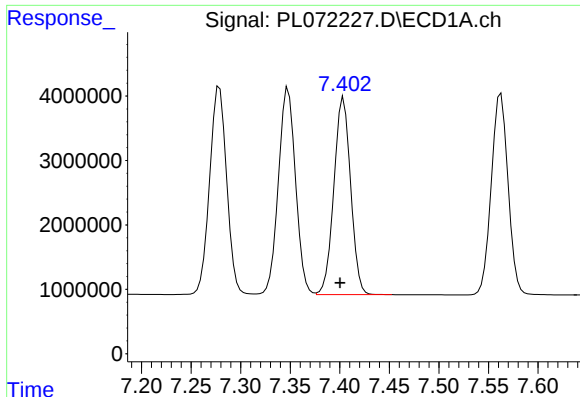
#8 Heptachlor epoxide

R.T.: 7.002 min
Delta R.T.: 0.004 min
Response: 37806665
Conc: 49.67 ng/ml



#8 Heptachlor epoxide

R.T.: 7.957 min
Delta R.T.: -0.002 min
Response: 96949890
Conc: 48.42 ng/ml



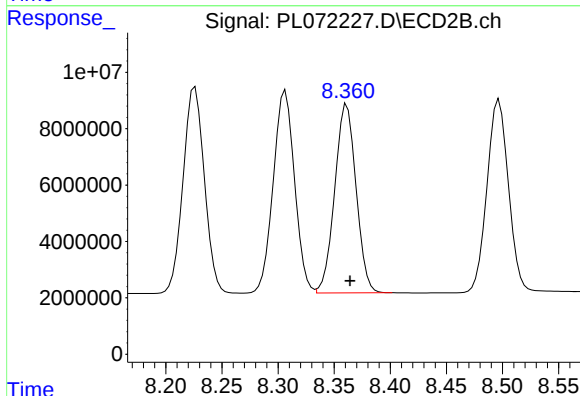
#9 Endosulfan I

R.T.: 7.404 min
Delta R.T.: 0.004 min
Response: 35971572
Conc: 50.61 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

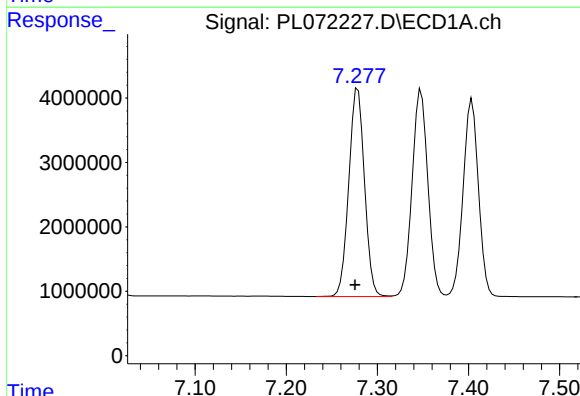
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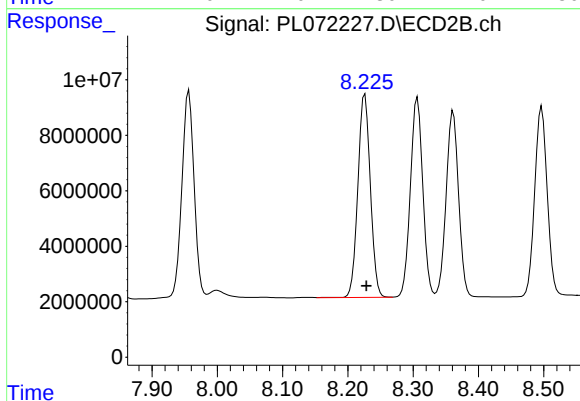
#9 Endosulfan I

R.T.: 8.361 min
Delta R.T.: -0.003 min
Response: 88758657
Conc: 49.04 ng/ml



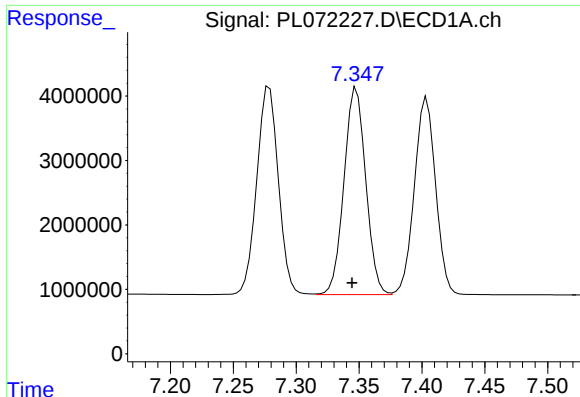
#10 gamma-Chlordane

R.T.: 7.279 min
Delta R.T.: 0.003 min
Response: 38647746
Conc: 49.19 ng/ml



#10 gamma-Chlordane

R.T.: 8.226 min
Delta R.T.: -0.003 min
Response: 97131578
Conc: 48.07 ng/ml



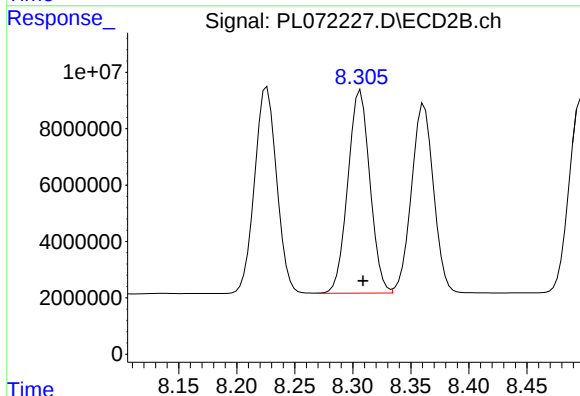
#11 alpha-Chlordane

R.T.: 7.348 min
Delta R.T.: 0.003 min
Response: 38675659
Conc: 49.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

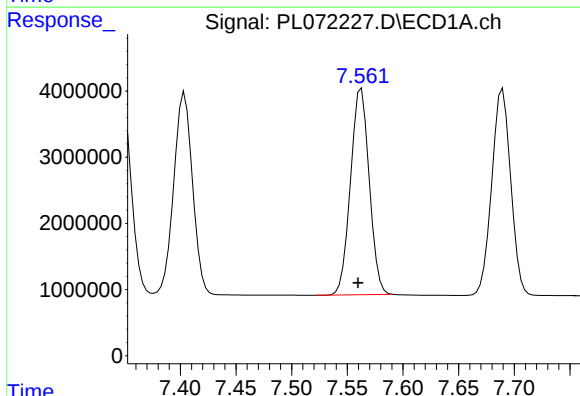
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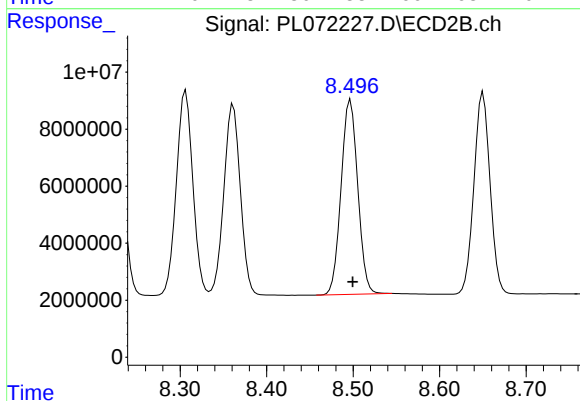
#11 alpha-Chlordane

R.T.: 8.307 min
Delta R.T.: -0.002 min
Response: 95160834
Conc: 47.99 ng/ml



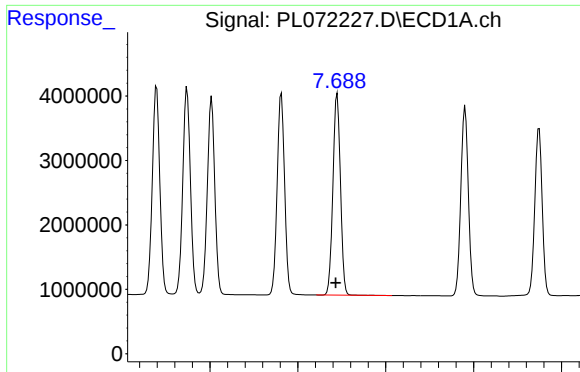
#12 4,4'-DDE

R.T.: 7.563 min
Delta R.T.: 0.003 min
Response: 36523032
Conc: 50.59 ng/ml



#12 4,4'-DDE

R.T.: 8.497 min
Delta R.T.: -0.002 min
Response: 90948451
Conc: 48.09 ng/ml



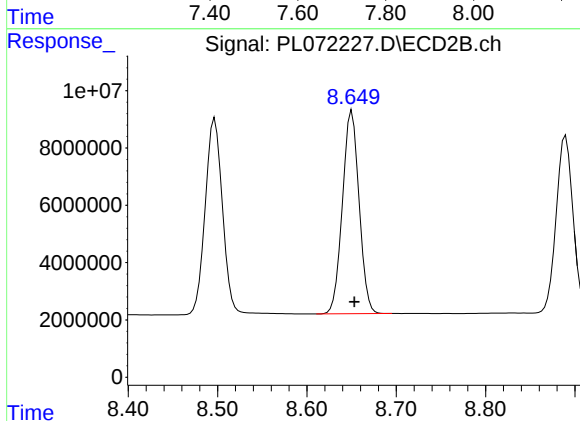
#13 Dieldrin

R.T.: 7.690 min
Delta R.T.: 0.003 min
Response: 37165368
Conc: 49.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

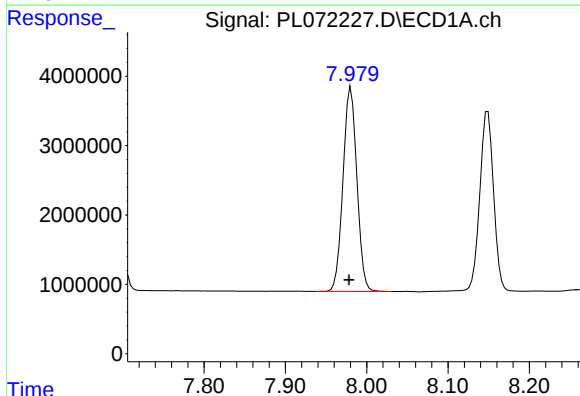
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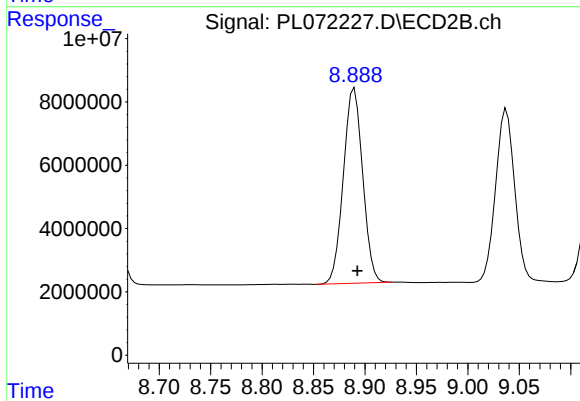
#13 Dieldrin

R.T.: 8.650 min
Delta R.T.: -0.003 min
Response: 91662885
Conc: 46.66 ng/ml



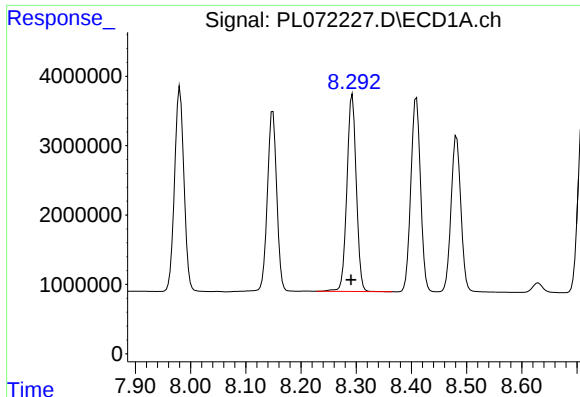
#14 Endrin

R.T.: 7.981 min
Delta R.T.: 0.003 min
Response: 34858941
Conc: 49.75 ng/ml



#14 Endrin

R.T.: 8.890 min
Delta R.T.: -0.003 min
Response: 80604965
Conc: 48.62 ng/ml



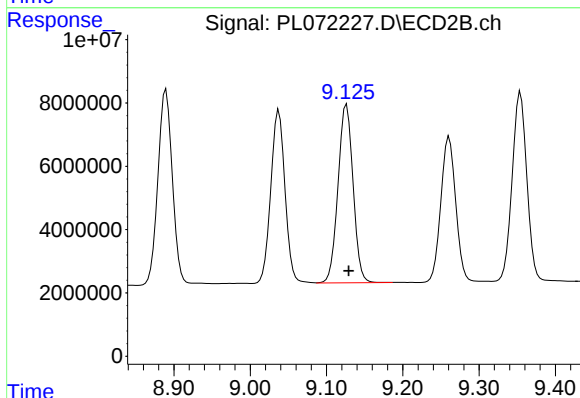
#15 Endosulfan II

R.T.: 8.293 min
Delta R.T.: 0.002 min
Response: 33640614
Conc: 45.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
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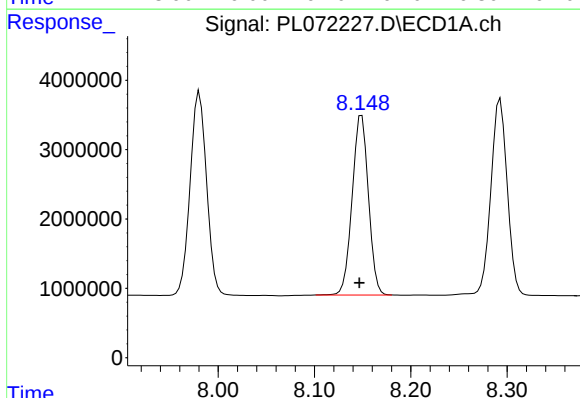
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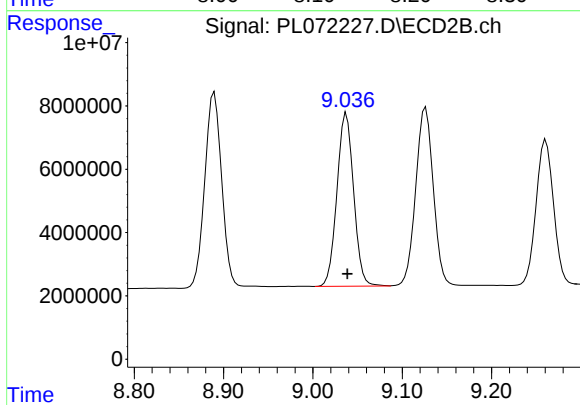
#15 Endosulfan II

R.T.: 9.126 min
Delta R.T.: -0.003 min
Response: 77266718
Conc: 45.06 ng/ml



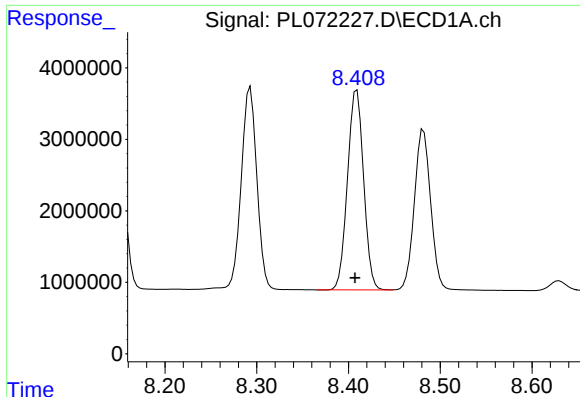
#16 4,4'-DDD

R.T.: 8.149 min
Delta R.T.: 0.002 min
Response: 30301574
Conc: 51.69 ng/ml



#16 4,4'-DDD

R.T.: 9.037 min
Delta R.T.: -0.001 min
Response: 70939094
Conc: 49.62 ng/ml



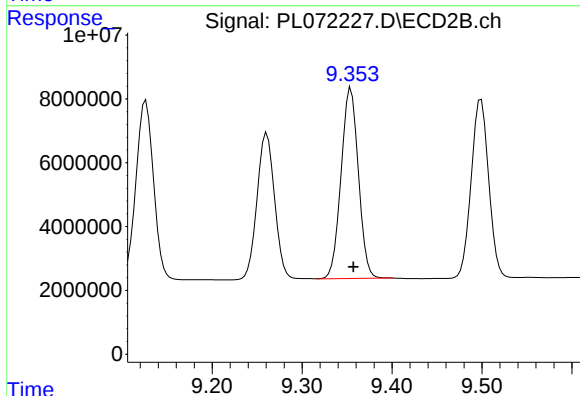
#17 4,4'-DDT

R.T.: 8.409 min
Delta R.T.: 0.002 min
Response: 34104355
Conc: 51.36 ng/ml

Instrument :
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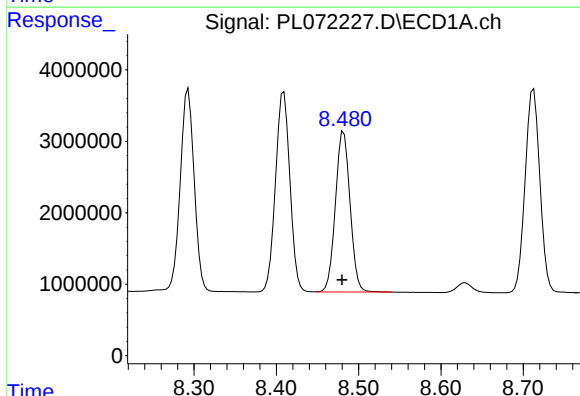
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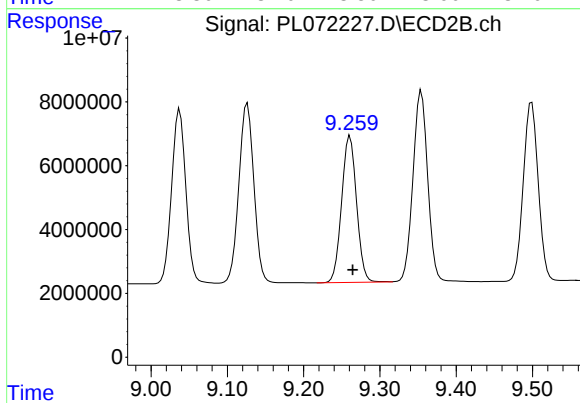
#17 4,4'-DDT

R.T.: 9.354 min
Delta R.T.: -0.003 min
Response: 79856681
Conc: 50.52 ng/ml



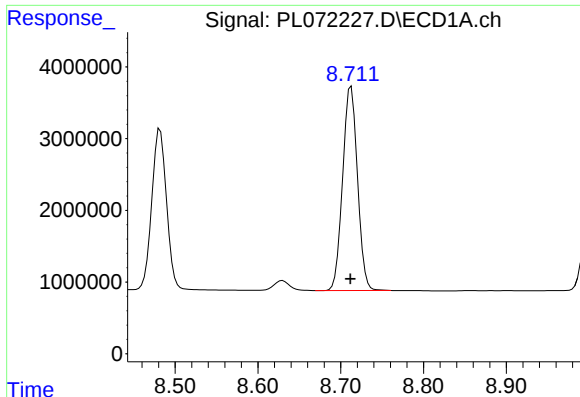
#18 Endrin aldehyde

R.T.: 8.482 min
Delta R.T.: 0.002 min
Response: 27756328
Conc: 48.72 ng/ml



#18 Endrin aldehyde

R.T.: 9.261 min
Delta R.T.: -0.003 min
Response: 62383323
Conc: 50.25 ng/ml



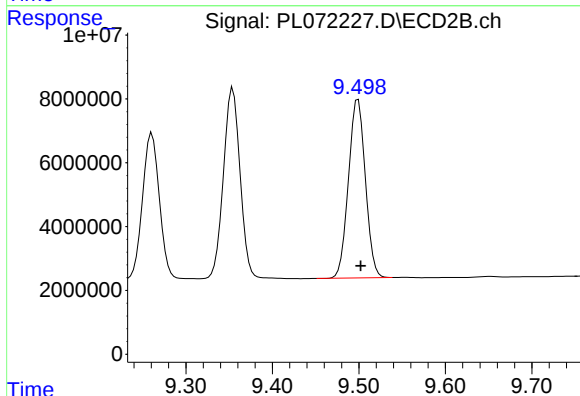
#19 Endosulfan Sulfate

R.T.: 8.713 min
Delta R.T.: 0.000 min
Response: 35527527
Conc: 48.46 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

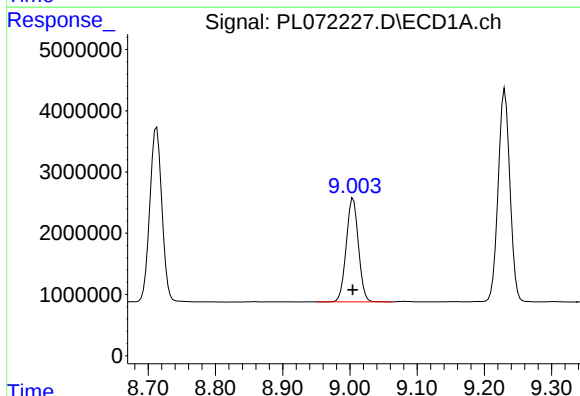
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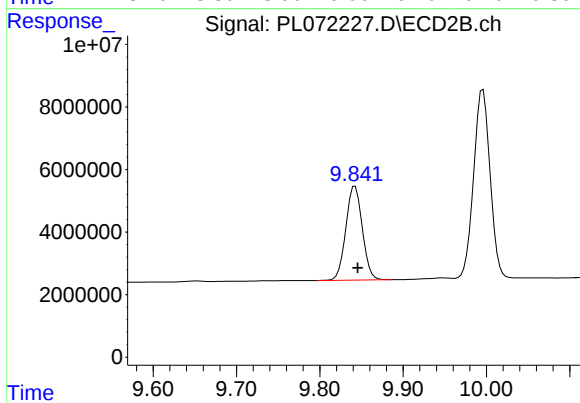
#19 Endosulfan Sulfate

R.T.: 9.499 min
Delta R.T.: -0.003 min
Response: 75754411
Conc: 48.52 ng/ml



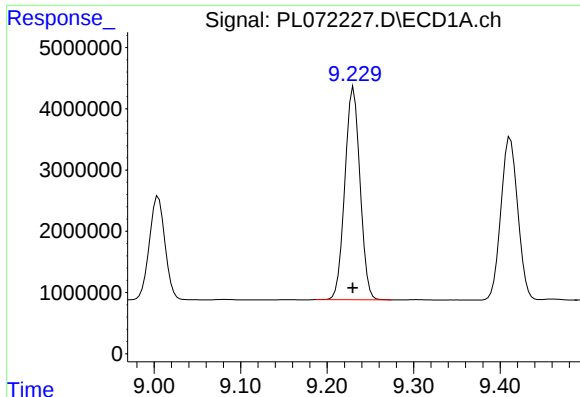
#20 Methoxychlor

R.T.: 9.005 min
Delta R.T.: 0.000 min
Response: 21308215
Conc: 50.51 ng/ml



#20 Methoxychlor

R.T.: 9.842 min
Delta R.T.: -0.003 min
Response: 41281063
Conc: 49.84 ng/ml



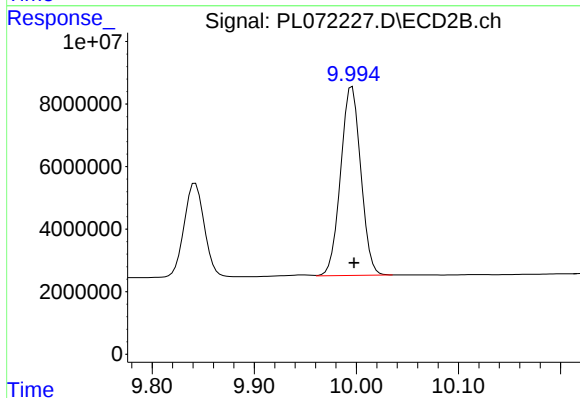
#21 Endrin ketone

R.T.: 9.231 min
Delta R.T.: 0.001 min
Response: 42049701
Conc: 50.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

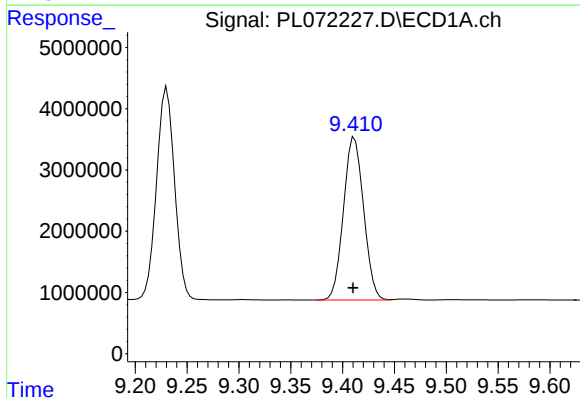
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APPROVED

Reviewed By :Abdul Mirza 01/26/2022
Supervised By :Ankita Jodhani 01/26/2022



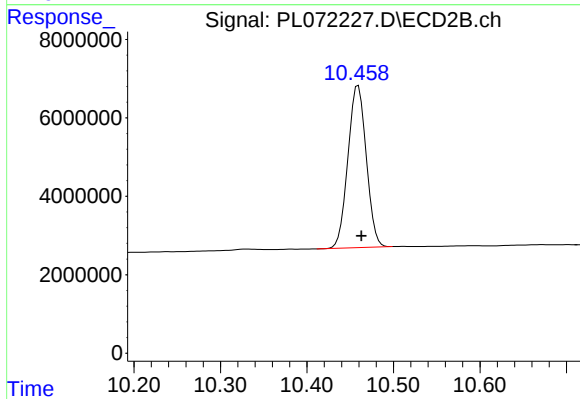
#21 Endrin ketone

R.T.: 9.996 min
Delta R.T.: -0.002 min
Response: 82940817
Conc: 50.12 ng/ml



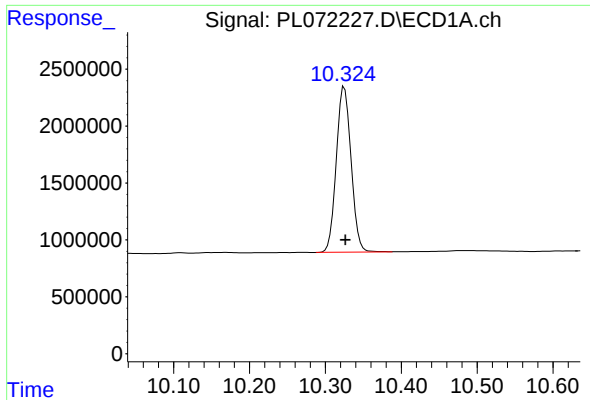
#22 Mirex

R.T.: 9.412 min
Delta R.T.: 0.001 min
Response: 35945300
Conc: 48.67 ng/ml



#22 Mirex

R.T.: 10.459 min
Delta R.T.: -0.004 min
Response: 60825071
Conc: 48.75 ng/ml



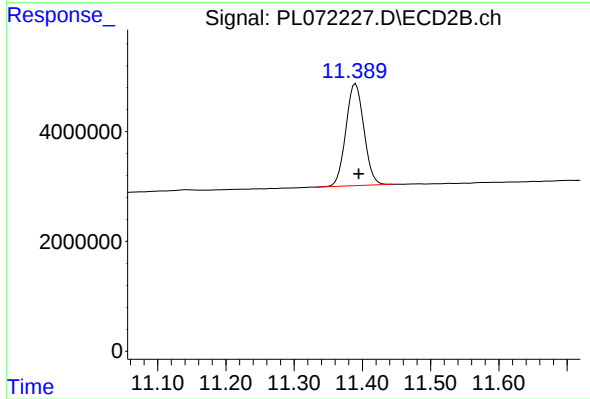
#28 Decachlorobiphenyl

R.T.: 10.324 min
Delta R.T.: -0.003 min
Response: 19757474
Conc: 22.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB141979BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 11.390 min
Delta R.T.: -0.005 min
Response: 33984293
Conc: 21.06 ng/ml