

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
 Data File : PL072807.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2022 17:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 02/21/2022
 Supervised By :Ankita Jodhani 02/21/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 20 21:36:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL020722.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 05:14:10 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...	4.553	5.490	21054218	77514767	43.726	44.874
28)	SA Decachlor...	10.314	11.383	37896054	86728073	50.057	54.691
Target Compounds							
2)	A alpha-BHC	5.260	6.071	26857612	104.3E6	40.733	43.548
3)	MA gamma-BHC...	5.683	6.468	26581108	97508406	42.294	42.350
4)	MA Heptachlor	6.087	7.113	29833238	97868491	40.871m	42.984
5)	MB Aldrin	6.412	7.483	28381534	94262252	43.958	44.093
6)	B beta-BHC	6.067	6.728	13059274	44313768	52.703m	43.469
7)	B delta-BHC	6.326	6.993	28536739	98867589	43.099	43.154
8)	B Heptachlo...	6.990	7.950	28055676	92093114	44.501	47.734m
9)	A Endosulfan I	7.393	8.355	26331335	78000862	45.007	44.585m
10)	B gamma-Chl...	7.267	8.220	28166045	87238666	44.464	45.102m
11)	B alpha-Chl...	7.336	8.300	28528657	85411471	44.801	44.954m
12)	B 4,4'-DDE	7.551	8.492	27787484	82891943	45.725	44.349
13)	MA Dieldrin	7.678	8.646	29394521	84770288	46.547	45.486
14)	MA Endrin	7.970	8.885	25009029	69558288	42.692	44.146
15)	B Endosulfa...	8.282	9.121	26929275	74627258	44.263	44.386
16)	A 4,4'-DDD	8.138	9.033	23136657	65260546	48.092	47.161
17)	MA 4,4'-DDT	8.398	9.349	22931629	64041984	42.617	41.834
18)	B Endrin al...	8.471	9.256	19566120	51835884	44.888	46.057
19)	B Endosulfa...	8.702	9.494	26936186	69053086	45.263	46.159
20)	A Methoxychlor	8.994	9.836	14632519	33114893	41.614	40.900m
21)	B Endrin ke...	9.219	9.991	32272826	77445720	46.958m	48.607
22)	Mirex	9.401	10.453	26944921	55471949	45.419	47.255

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

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 Acq On : 18 Feb 2022 17:23
 Operator : AR\AJ
 Sample : PSTDCCC050
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

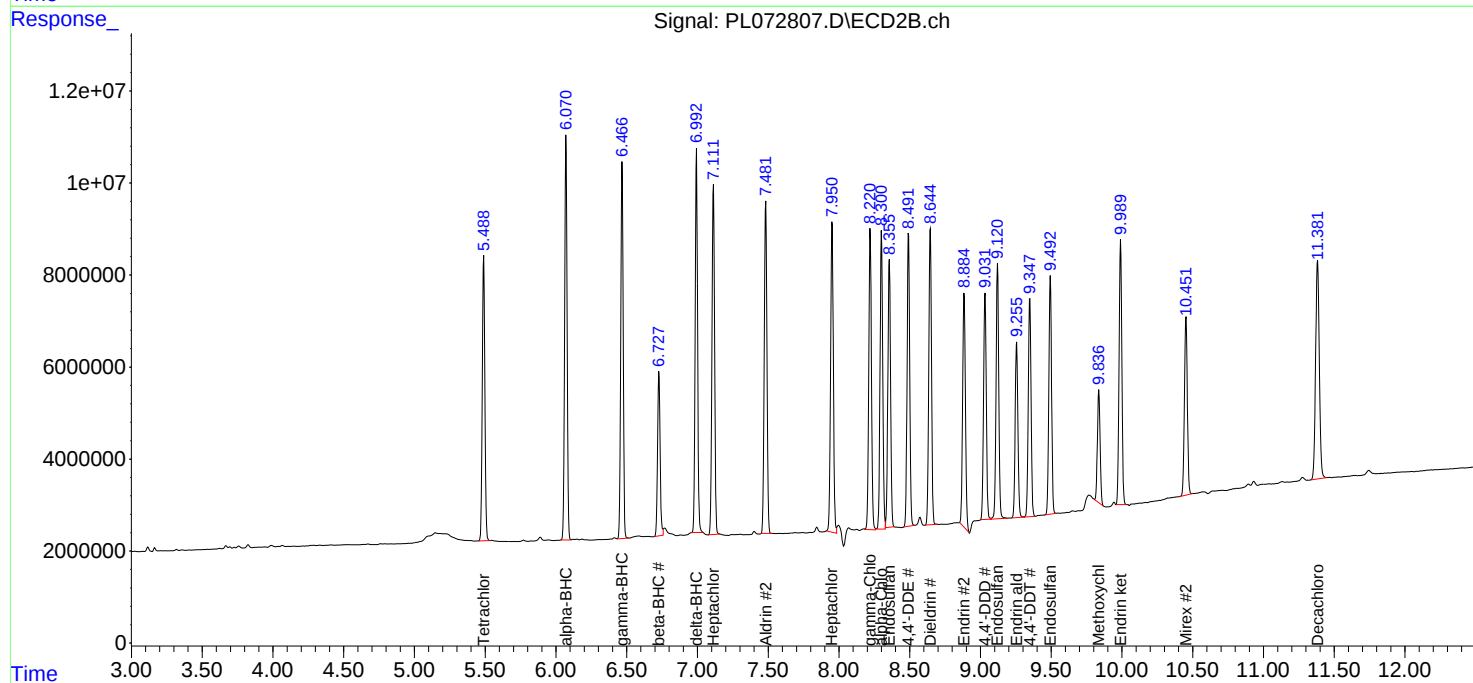
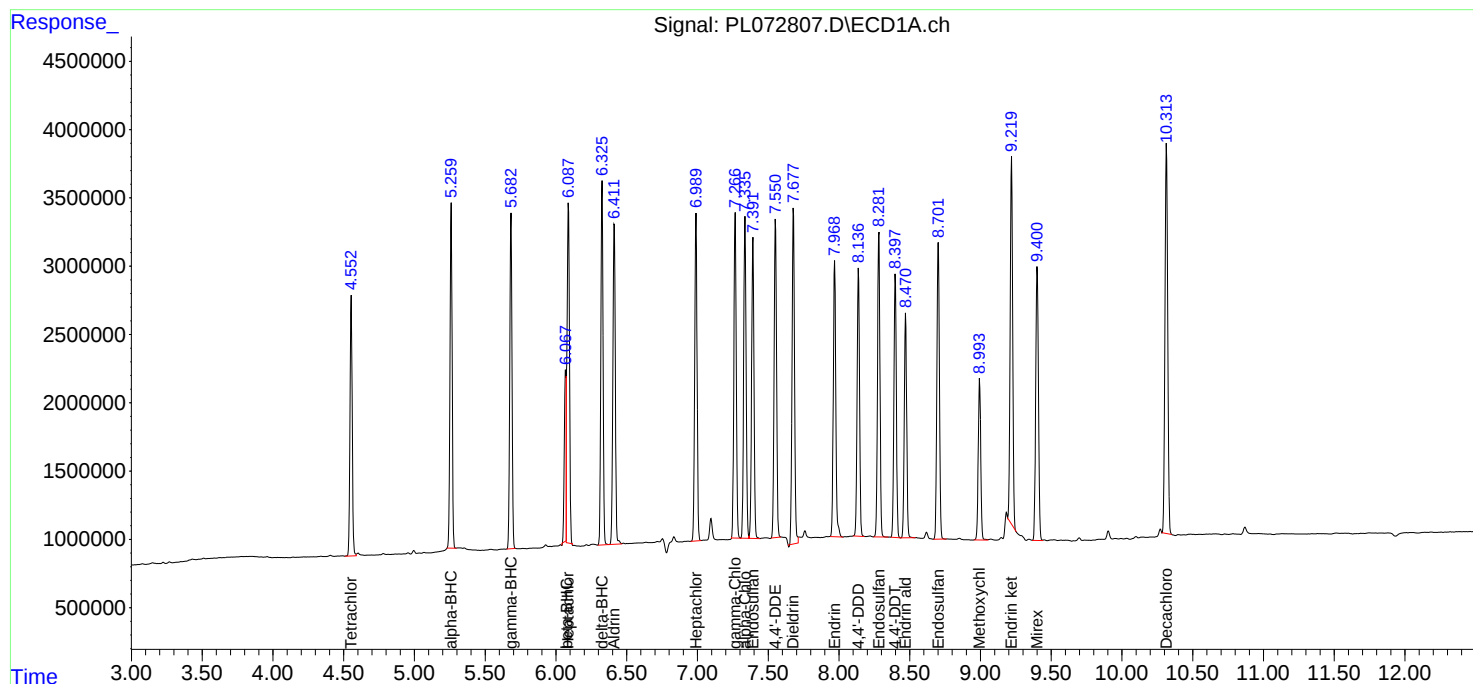
Instrument :
 ECD_L
 ClientSampleId :
 PSTDCCC050

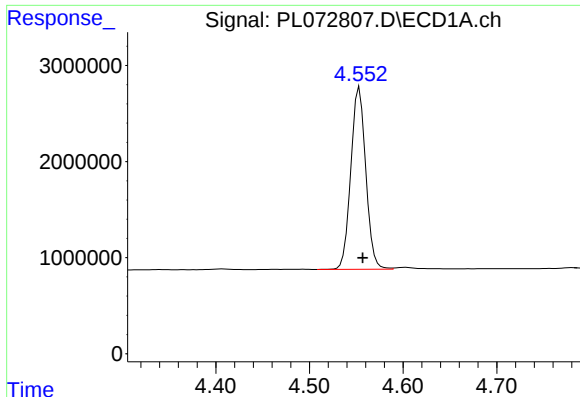
Manual Integrations APPROVED

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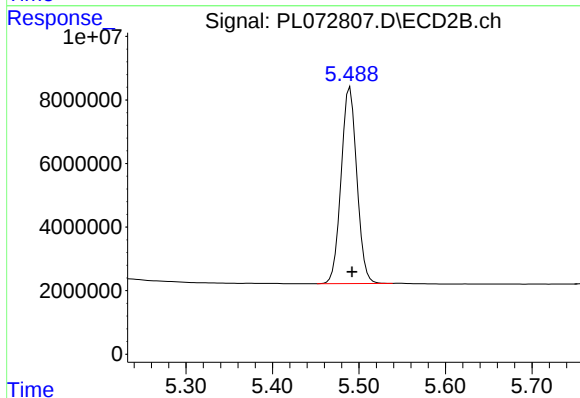
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 21054218
Conc: 43.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

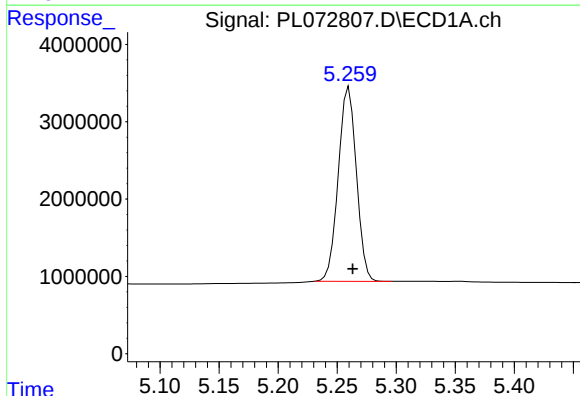
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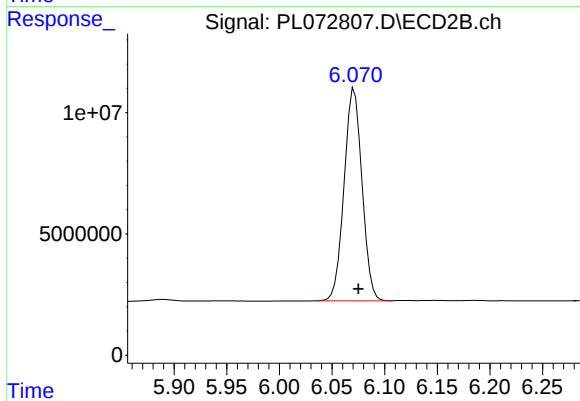
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 77514767
Conc: 44.87 ng/ml



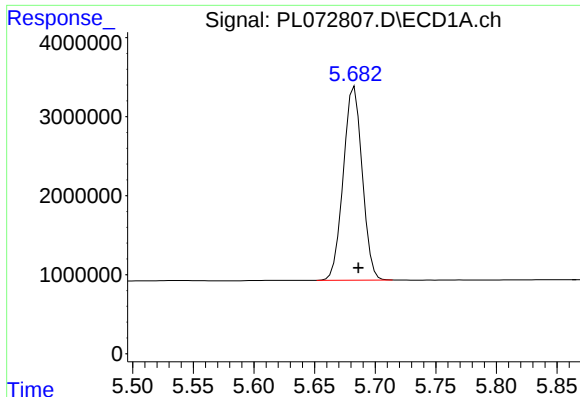
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.003 min
Response: 26857612
Conc: 40.73 ng/ml



#2 alpha-BHC

R.T.: 6.071 min
Delta R.T.: -0.004 min
Response: 104286932
Conc: 43.55 ng/ml



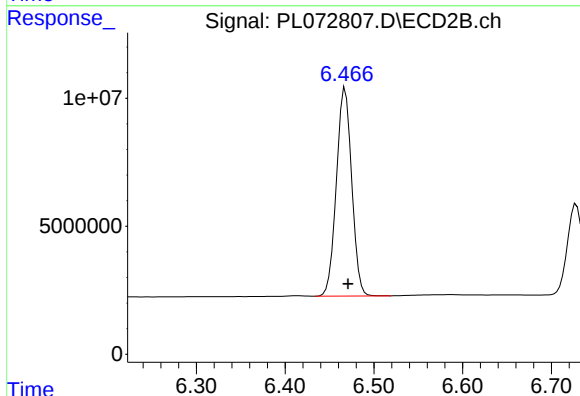
#3 gamma-BHC (Lindane)

R.T.: 5.683 min
Delta R.T.: -0.003 min
Response: 26581108
Conc: 42.29 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

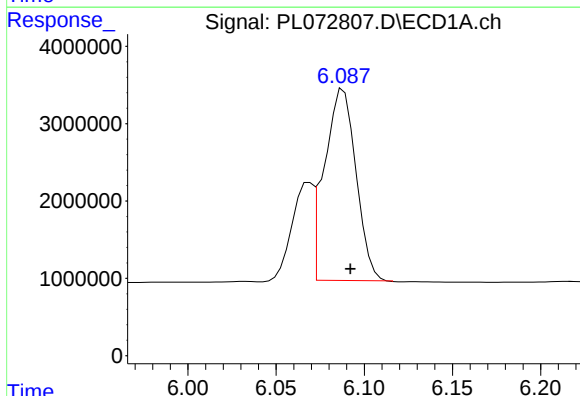
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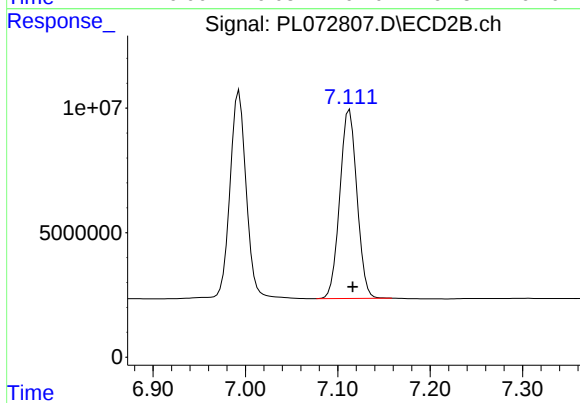
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 97508406
Conc: 42.35 ng/ml



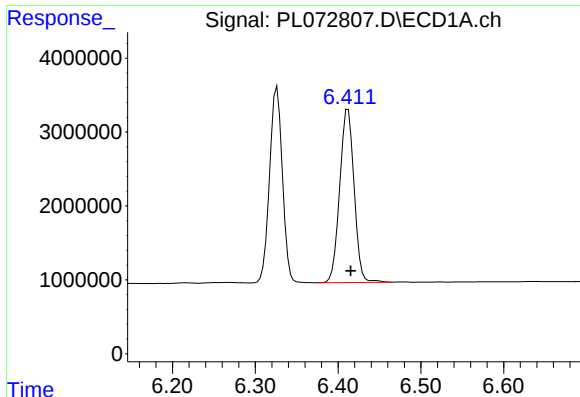
#4 Heptachlor

R.T.: 6.087 min
Delta R.T.: -0.005 min
Response: 29833238
Conc: 40.87 ng/ml m



#4 Heptachlor

R.T.: 7.113 min
Delta R.T.: -0.003 min
Response: 97868491
Conc: 42.98 ng/ml



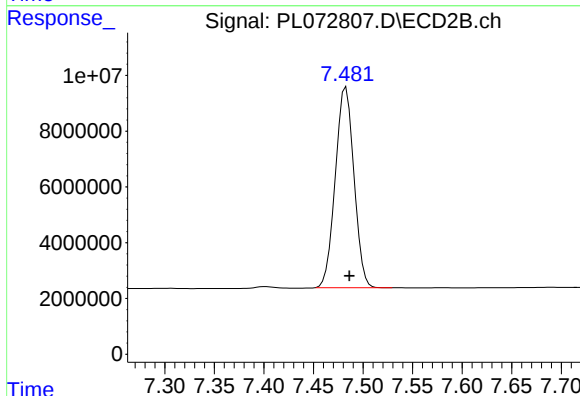
#5 Aldrin

R.T.: 6.412 min
Delta R.T.: -0.003 min
Response: 28381534
Conc: 43.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

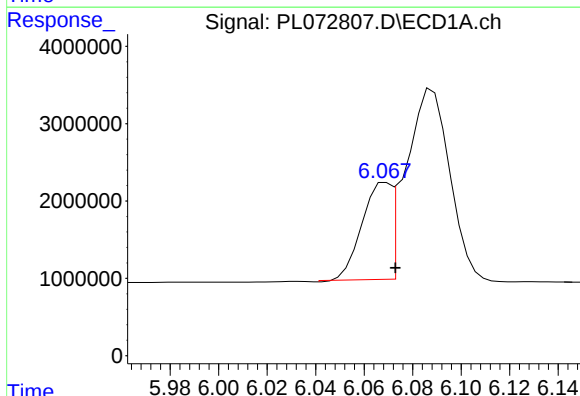
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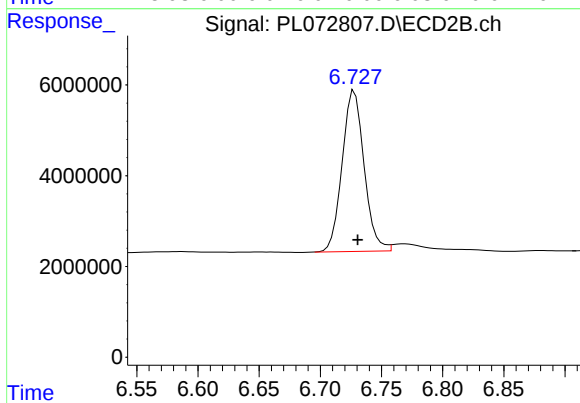
#5 Aldrin

R.T.: 7.483 min
Delta R.T.: -0.003 min
Response: 94262252
Conc: 44.09 ng/ml



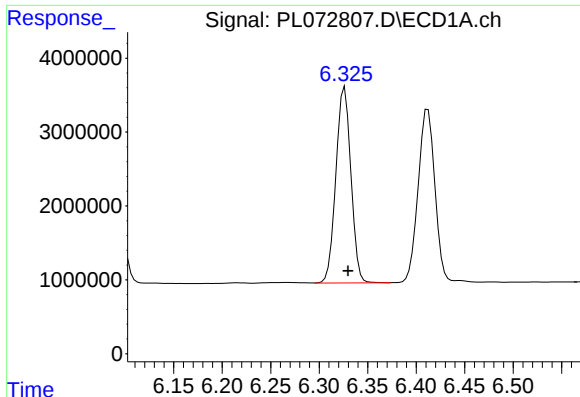
#6 beta-BHC

R.T.: 6.067 min
Delta R.T.: -0.005 min
Response: 13059274
Conc: 52.70 ng/ml m



#6 beta-BHC

R.T.: 6.728 min
Delta R.T.: -0.003 min
Response: 44313768
Conc: 43.47 ng/ml



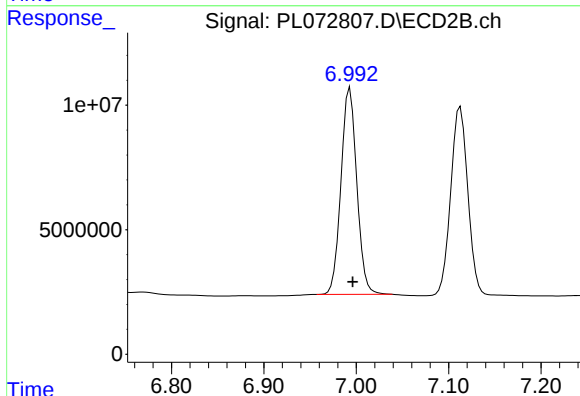
#7 delta-BHC

R.T.: 6.326 min
Delta R.T.: -0.003 min
Response: 28536739
Conc: 43.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

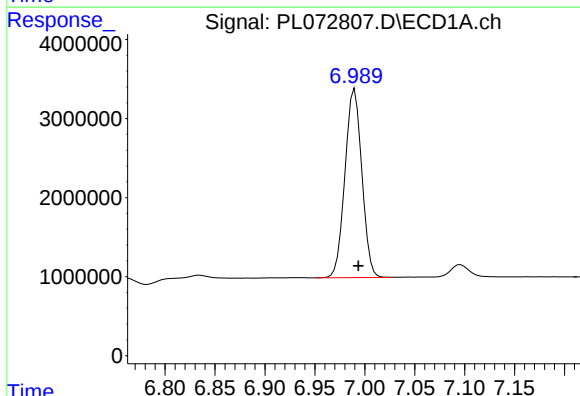
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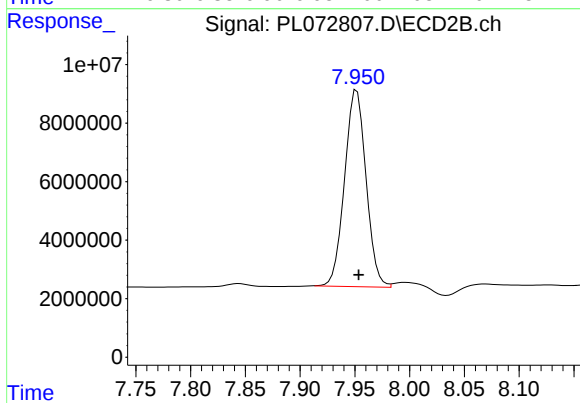
#7 delta-BHC

R.T.: 6.993 min
Delta R.T.: -0.003 min
Response: 98867589
Conc: 43.15 ng/ml



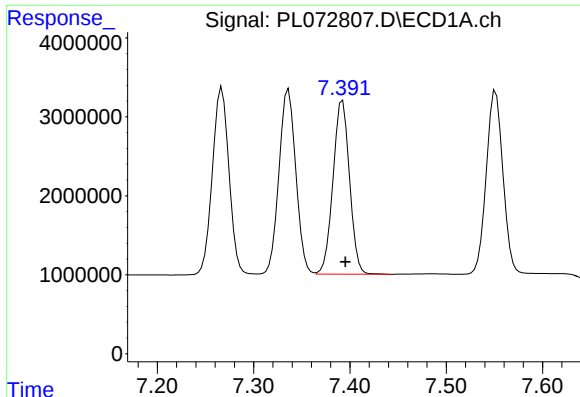
#8 Heptachlor epoxide

R.T.: 6.990 min
Delta R.T.: -0.004 min
Response: 28055676
Conc: 44.50 ng/ml



#8 Heptachlor epoxide

R.T.: 7.950 min
Delta R.T.: -0.003 min
Response: 92093114
Conc: 47.73 ng/ml m



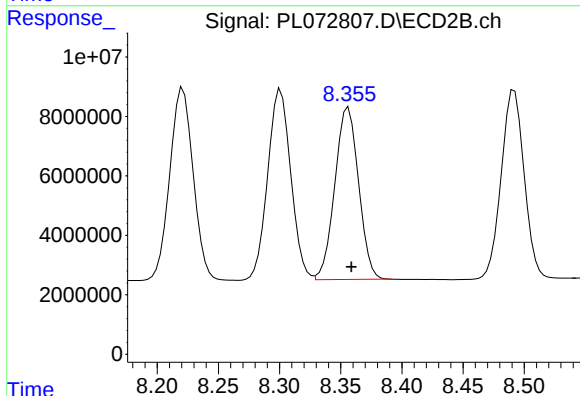
#9 Endosulfan I

R.T.: 7.393 min
Delta R.T.: -0.003 min
Response: 26331335
Conc: 45.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

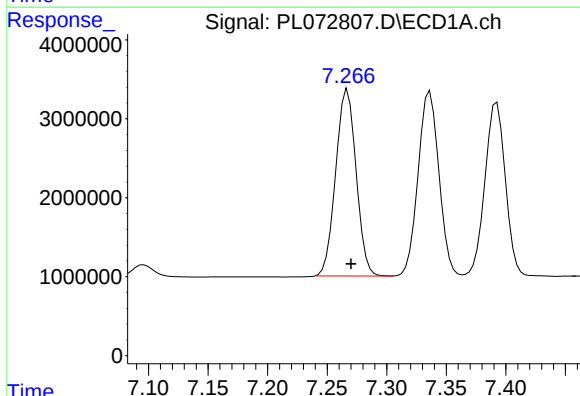
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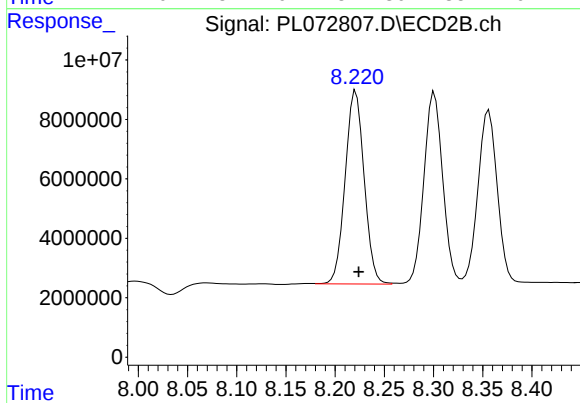
#9 Endosulfan I

R.T.: 8.355 min
Delta R.T.: -0.004 min
Response: 78000862
Conc: 44.58 ng/ml m



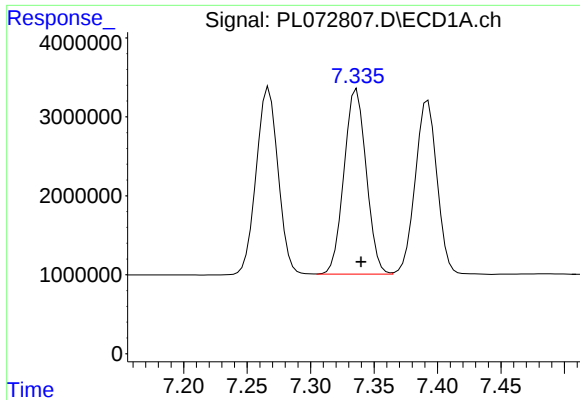
#10 gamma-Chlordane

R.T.: 7.267 min
Delta R.T.: -0.003 min
Response: 28166045
Conc: 44.46 ng/ml



#10 gamma-Chlordane

R.T.: 8.220 min
Delta R.T.: -0.004 min
Response: 87238666
Conc: 45.10 ng/ml m



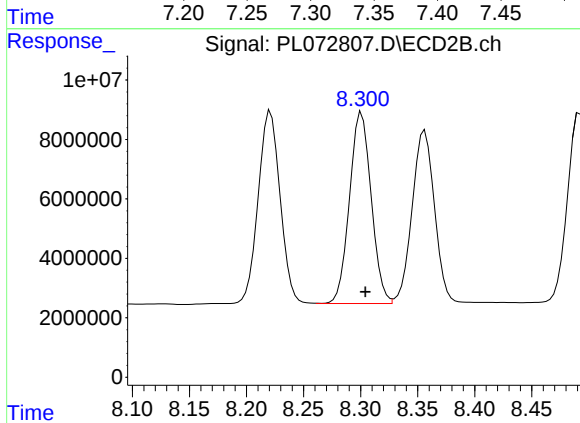
#11 alpha-Chlordane

R.T.: 7.336 min
Delta R.T.: -0.003 min
Response: 28528657
Conc: 44.80 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

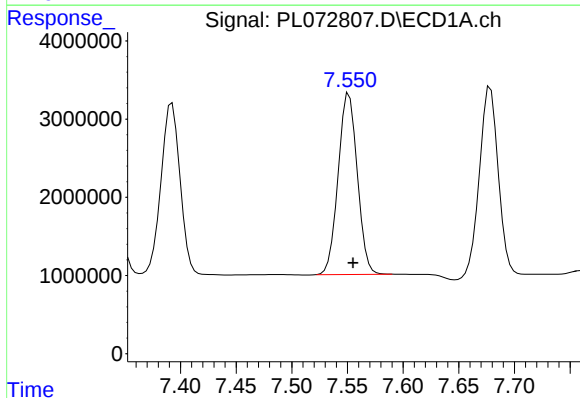
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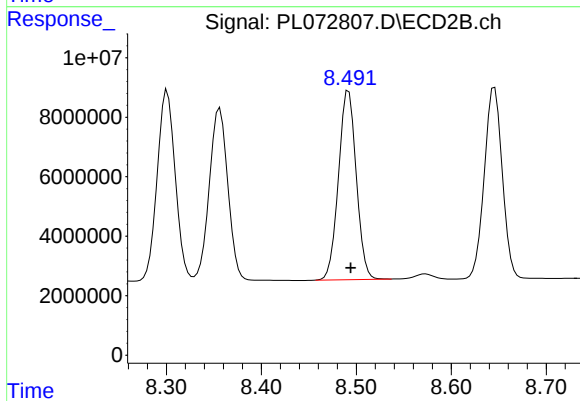
#11 alpha-Chlordane

R.T.: 8.300 min
Delta R.T.: -0.005 min
Response: 85411471
Conc: 44.95 ng/ml m



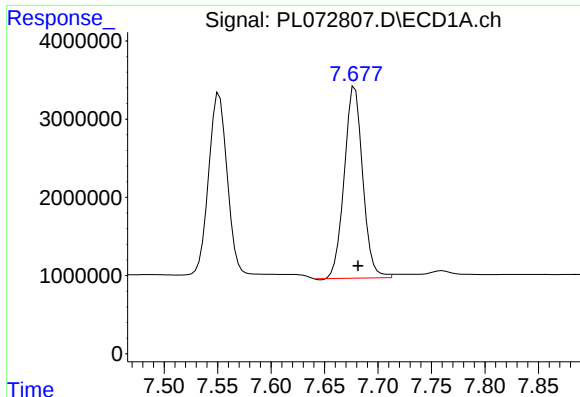
#12 4,4'-DDE

R.T.: 7.551 min
Delta R.T.: -0.003 min
Response: 27787484
Conc: 45.73 ng/ml



#12 4,4'-DDE

R.T.: 8.492 min
Delta R.T.: -0.002 min
Response: 82891943
Conc: 44.35 ng/ml



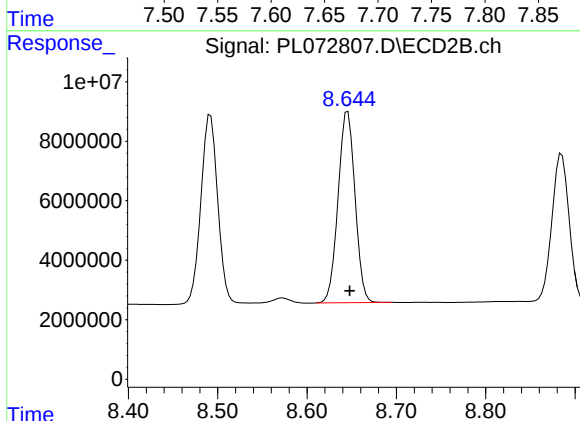
#13 Dieldrin

R.T.: 7.678 min
Delta R.T.: -0.003 min
Response: 29394521
Conc: 46.55 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

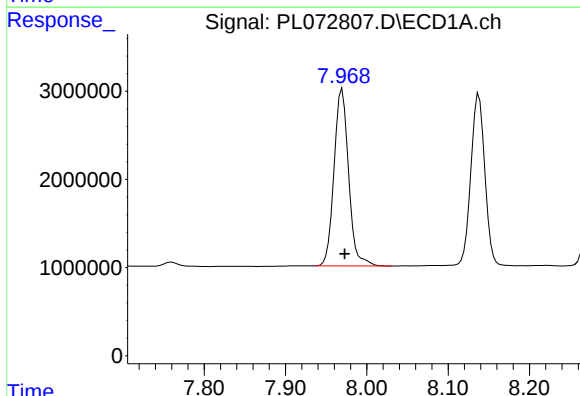
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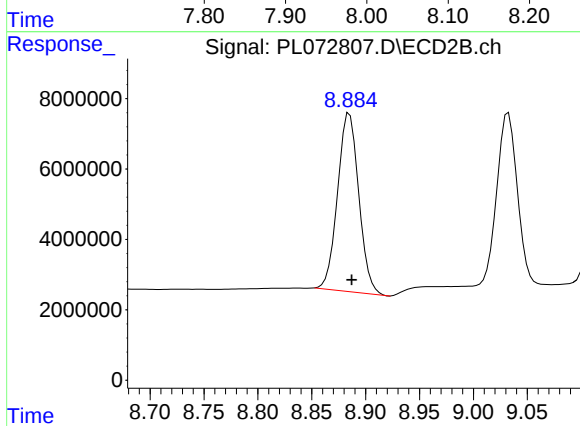
#13 Dieldrin

R.T.: 8.646 min
Delta R.T.: -0.002 min
Response: 84770288
Conc: 45.49 ng/ml



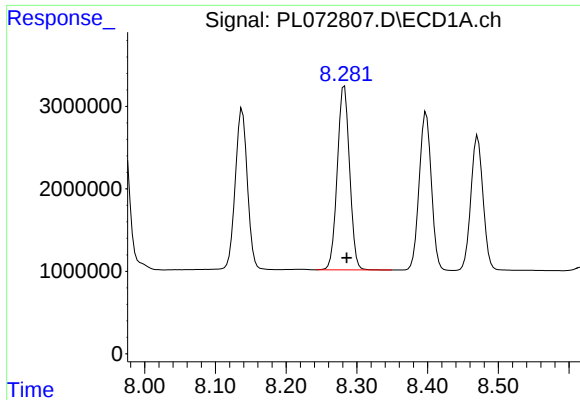
#14 Endrin

R.T.: 7.970 min
Delta R.T.: -0.003 min
Response: 25009029
Conc: 42.69 ng/ml



#14 Endrin

R.T.: 8.885 min
Delta R.T.: -0.002 min
Response: 69558288
Conc: 44.15 ng/ml



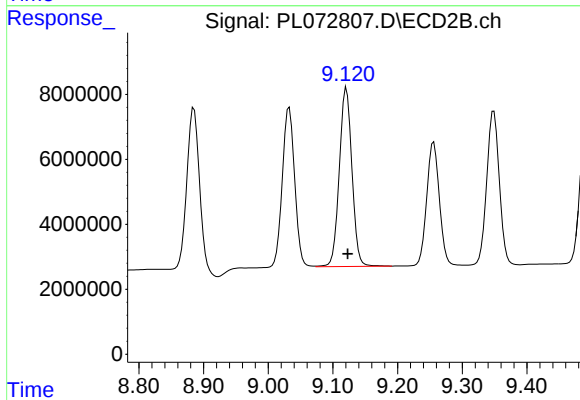
#15 Endosulfan II

R.T.: 8.282 min
Delta R.T.: -0.003 min
Response: 26929275
Conc: 44.26 ng/ml

Instrument :
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ClientSampleId :
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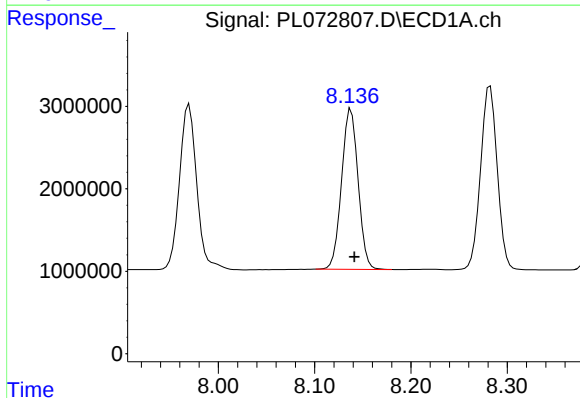
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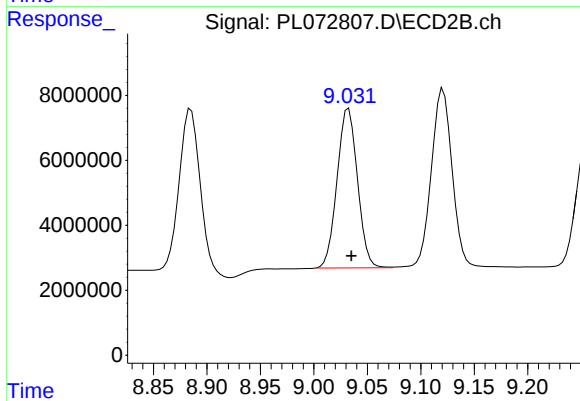
#15 Endosulfan II

R.T.: 9.121 min
Delta R.T.: -0.002 min
Response: 74627258
Conc: 44.39 ng/ml



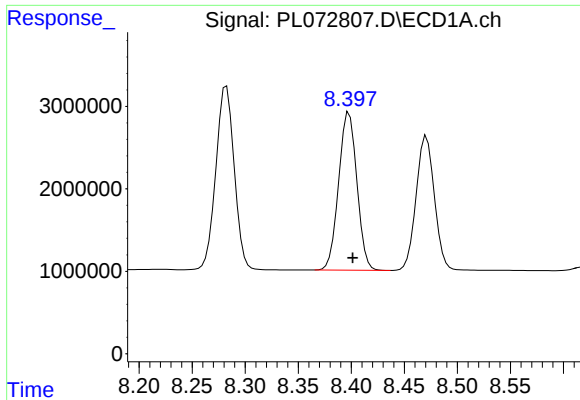
#16 4,4'-DDD

R.T.: 8.138 min
Delta R.T.: -0.004 min
Response: 23136657
Conc: 48.09 ng/ml



#16 4,4'-DDD

R.T.: 9.033 min
Delta R.T.: -0.002 min
Response: 65260546
Conc: 47.16 ng/ml



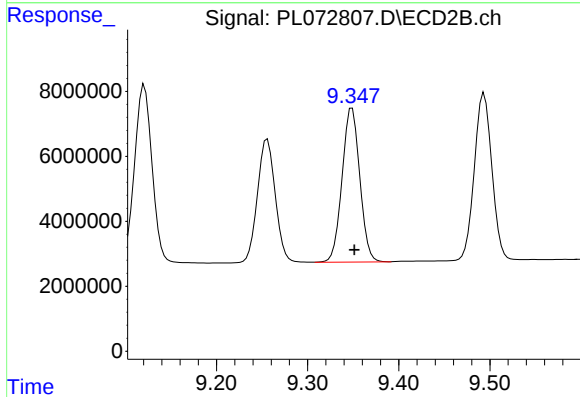
#17 4,4'-DDT

R.T.: 8.398 min
Delta R.T.: -0.003 min
Response: 22931629
Conc: 42.62 ng/ml

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ECD_L
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PSTDCCC050

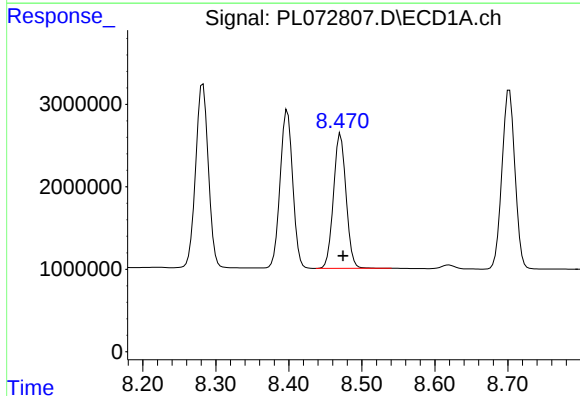
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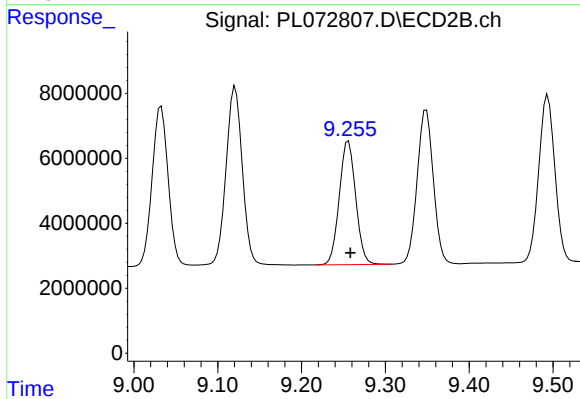
#17 4,4'-DDT

R.T.: 9.349 min
Delta R.T.: -0.003 min
Response: 64041984
Conc: 41.83 ng/ml



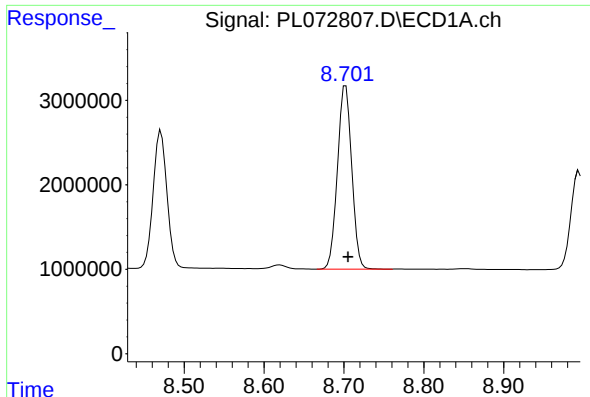
#18 Endrin aldehyde

R.T.: 8.471 min
Delta R.T.: -0.003 min
Response: 19566120
Conc: 44.89 ng/ml



#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.002 min
Response: 51835884
Conc: 46.06 ng/ml



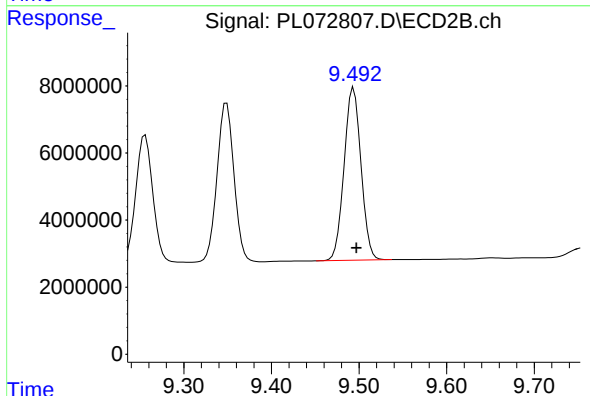
#19 Endosulfan Sulfate

R.T.: 8.702 min
Delta R.T.: -0.003 min
Response: 26936186
Conc: 45.26 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

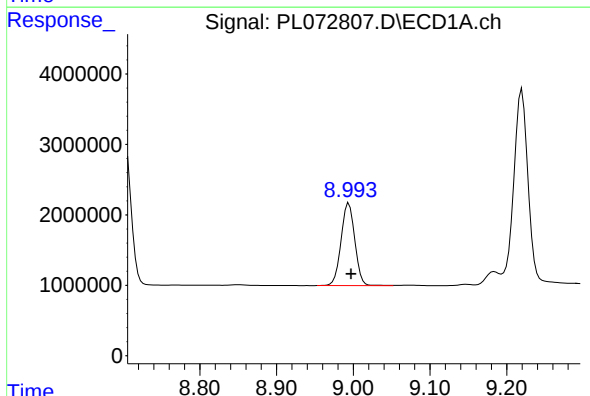
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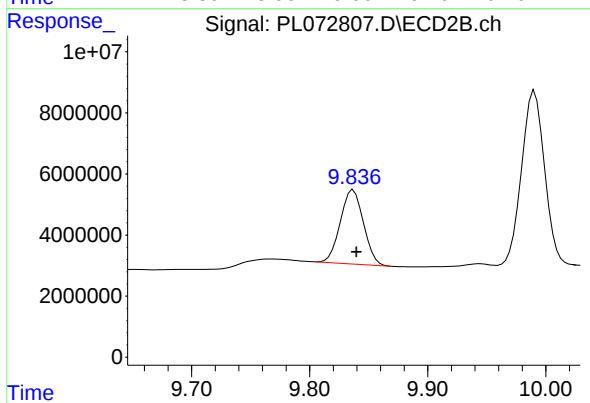
#19 Endosulfan Sulfate

R.T.: 9.494 min
Delta R.T.: -0.003 min
Response: 69053086
Conc: 46.16 ng/ml



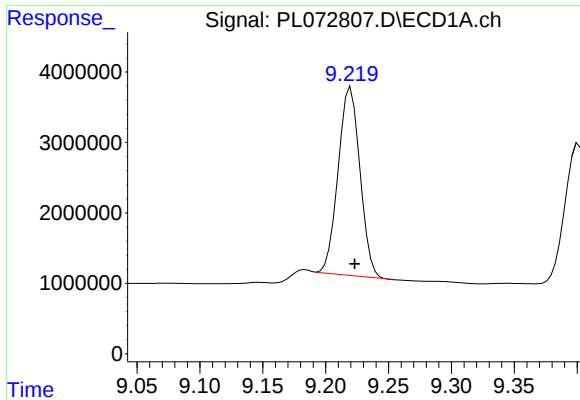
#20 Methoxychlor

R.T.: 8.994 min
Delta R.T.: -0.003 min
Response: 14632519
Conc: 41.61 ng/ml



#20 Methoxychlor

R.T.: 9.836 min
Delta R.T.: -0.004 min
Response: 33114893
Conc: 40.90 ng/ml m



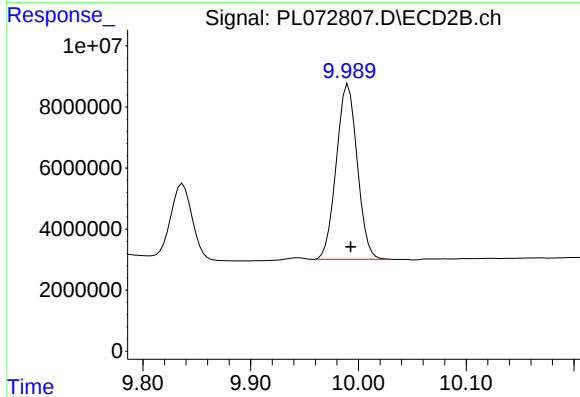
#21 Endrin ketone

R.T.: 9.219 min
Delta R.T.: -0.005 min
Response: 32272826
Conc: 46.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

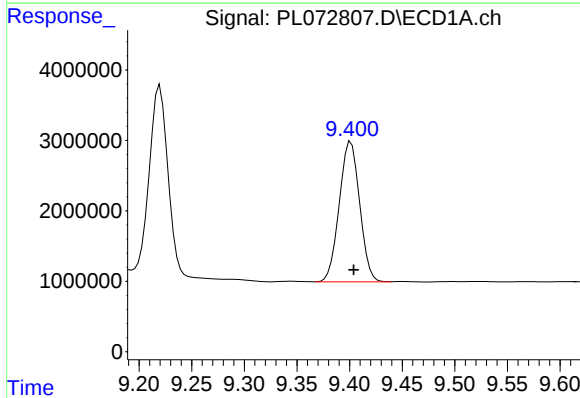
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 02/21/2022
Supervised By :Ankita Jodhani 02/21/2022



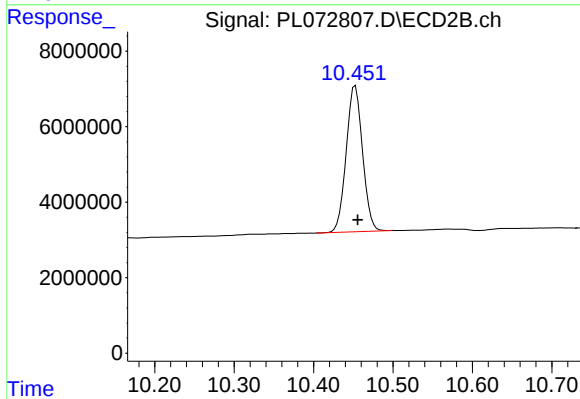
#21 Endrin ketone

R.T.: 9.991 min
Delta R.T.: -0.002 min
Response: 77445720
Conc: 48.61 ng/ml



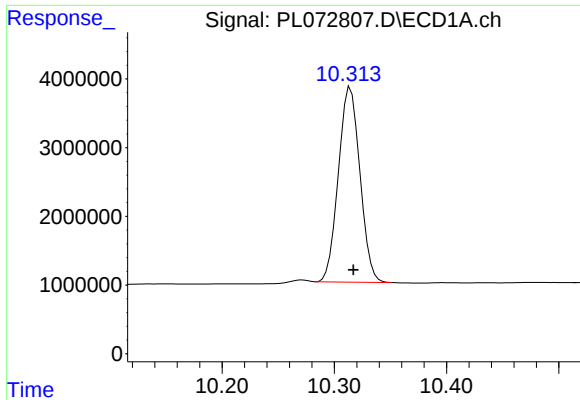
#22 Mirex

R.T.: 9.401 min
Delta R.T.: -0.003 min
Response: 26944921
Conc: 45.42 ng/ml



#22 Mirex

R.T.: 10.453 min
Delta R.T.: -0.003 min
Response: 55471949
Conc: 47.25 ng/ml



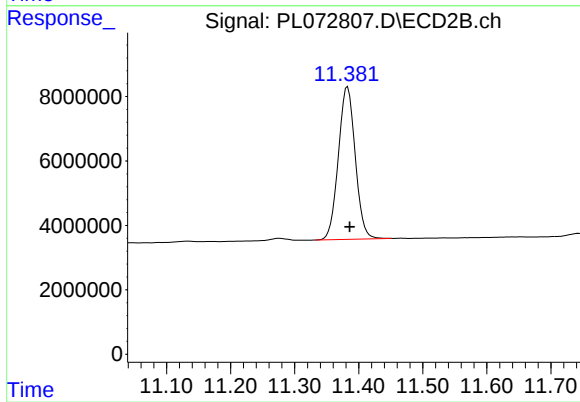
#28 Decachlorobiphenyl

R.T.: 10.314 min
Delta R.T.: -0.003 min
Response: 37896054
Conc: 50.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PSTDCCC050

Manual Integrations
APPROVED

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Supervised By :Ankita Jodhani 02/21/2022



#28 Decachlorobiphenyl

R.T.: 11.383 min
Delta R.T.: -0.003 min
Response: 86728073
Conc: 54.69 ng/ml