

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
 Data File : PL076228.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 02 Jul 2022 15:45
 Operator : AR\AJ
 Sample : N3558-01MSD
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 72-11998MSD

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/05/2022
 Supervised By : Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 03 22:52:19 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 24 02:17:51 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...	5.639	4.629	14306113	36897829	18.915	19.455
28)	SA Decachlor...	11.633	10.367	12405898	36153813	19.715m	23.539m
Target Compounds							
2)	A alpha-BHC	6.222	5.331	48264358	121.9E6	48.862m	49.879
3)	MA gamma-BHC...	6.621	5.751	48117906	118.6E6	51.976	51.294
4)	MA Heptachlor	7.276	6.159	45762998	127.0E6	49.887	55.987
5)	MB Aldrin	7.650	6.482	44439399	99501436	53.537	48.195
6)	B beta-BHC	6.874	6.131	22114159	48704713	50.493	46.691
7)	B delta-BHC	7.144	6.390	40661627	108.5E6	52.077	48.021
8)	B Heptachlo...	8.118	7.056	44003913	96430037	55.266	50.265
9)	A Endosulfan I	8.526	7.458	37374203	73684567	51.701	41.966
10)	B gamma-Chl...	8.388	7.332	45868736	105.7E6	59.013	54.988
11)	B alpha-Chl...	8.470	7.401	52687209	111.0E6	67.845	58.001
12)	B 4,4'-DDE	8.654	7.613	31096500	84293834	46.007	49.662
13)	MA Dieldrin	8.817	7.741	35233403	100.1E6	47.992	55.653m
14)	MA Endrin	9.057	8.033	29551374	77494984	47.396	50.994
15)	B Endosulfa...	9.291	8.343	31938432	77010188	50.339	50.950
16)	A 4,4'-DDD	9.197	8.197	30394722	64347669	53.603	46.393
17)	MA 4,4'-DDT	9.517	8.456	33910102	72875660	55.548	49.273
18)	B Endrin al...	9.426	8.530	24850466	56297059	48.111	47.158
19)	B Endosulfa...	9.664	8.761	33973231	72192430	52.993	47.054
20)	A Methoxychlor	10.003	9.049	18512130	38046513	53.970	44.678
21)	B Endrin ke...	10.166	9.278	37446367	82495174	51.953	49.933
22)	Mirex	10.640	9.462	28165535	59928801	52.367	44.784m

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

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL070222\
Data File : PL076228.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 02 Jul 2022 15:45
Operator : AR\AJ
Sample : N3558-01MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :

ECD_L

ClientSampleId :

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Manual Integrations

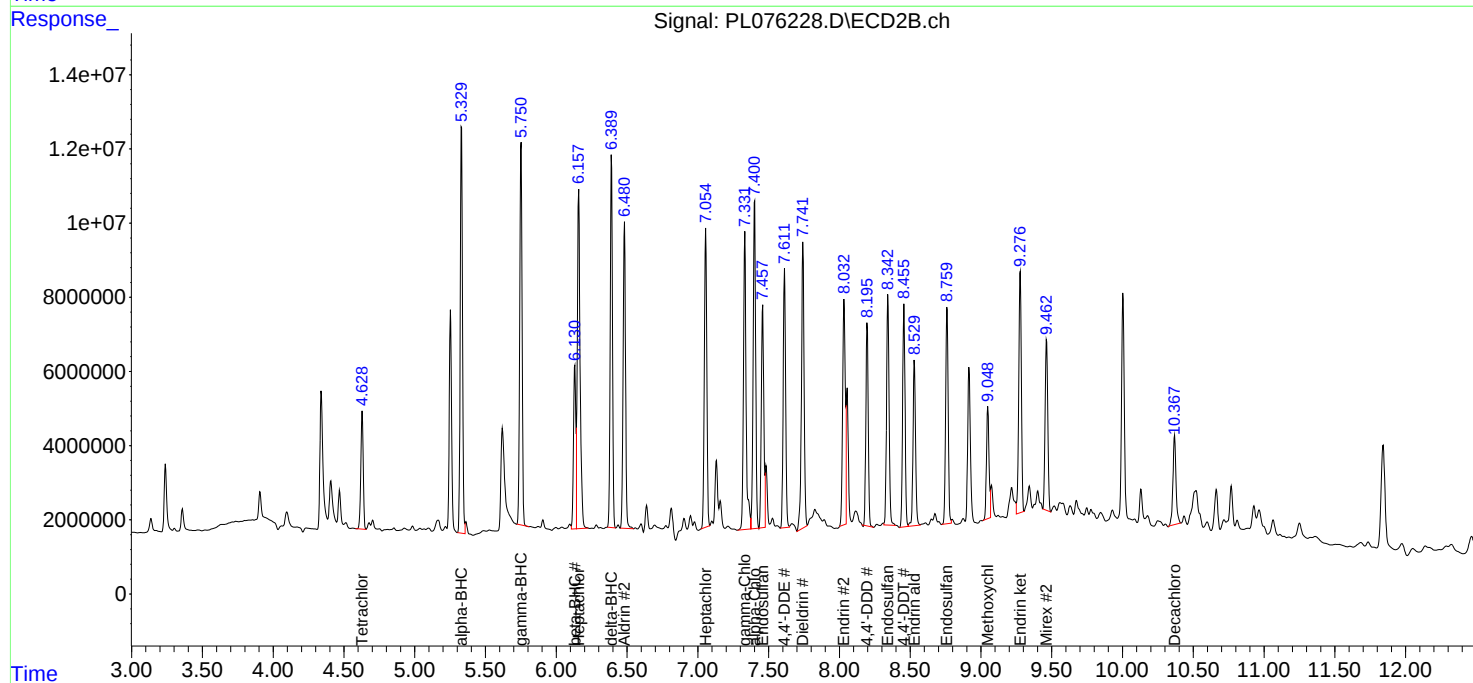
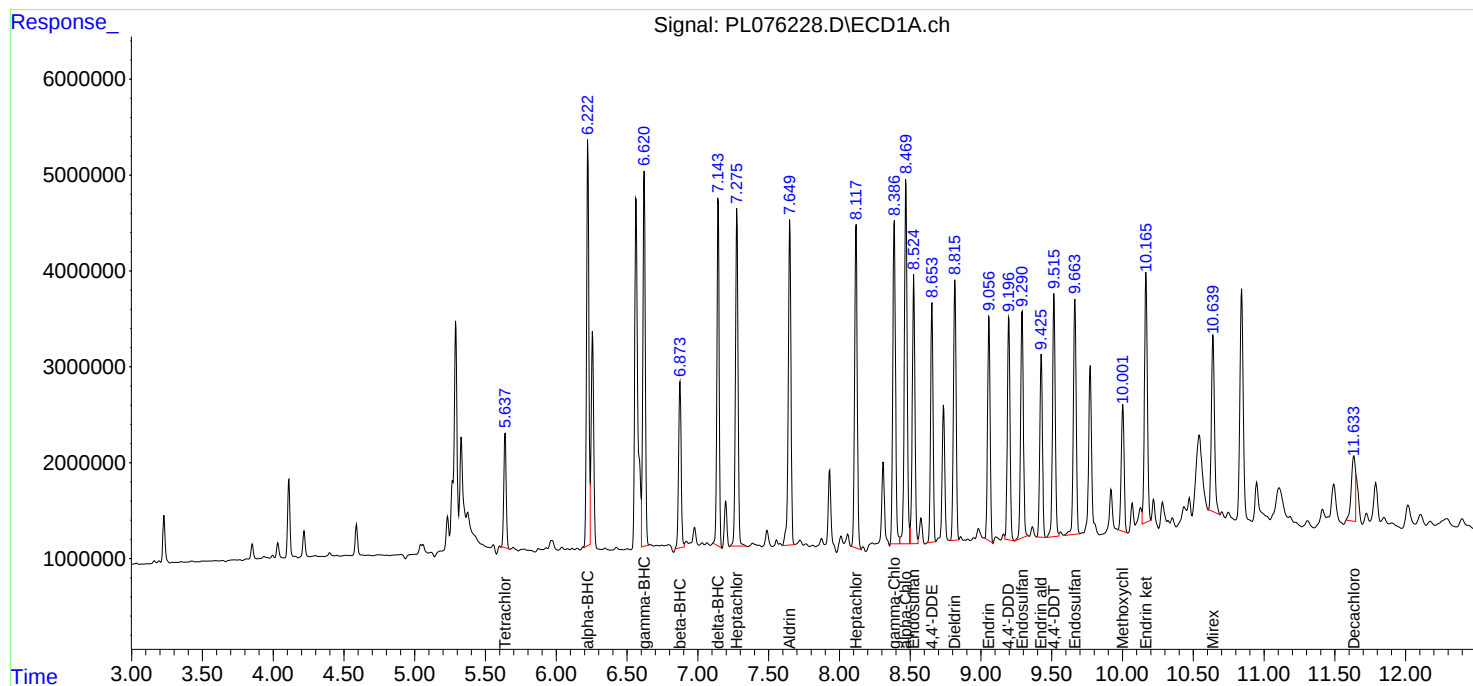
APPROVED

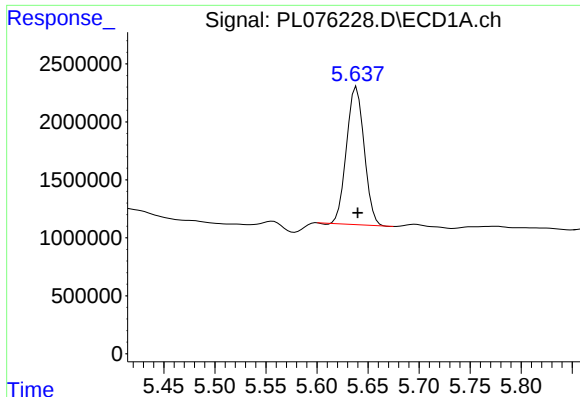
Reviewed By :Abdul Mirza 07/05/2022

Supervised By :Ankita Jodhani 07/05/2022

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Jul 03 22:52:19 2022
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL062222.M
Quant Title : GC Extractables
QLast Update : Fri Jun 24 02:17:51 2022
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





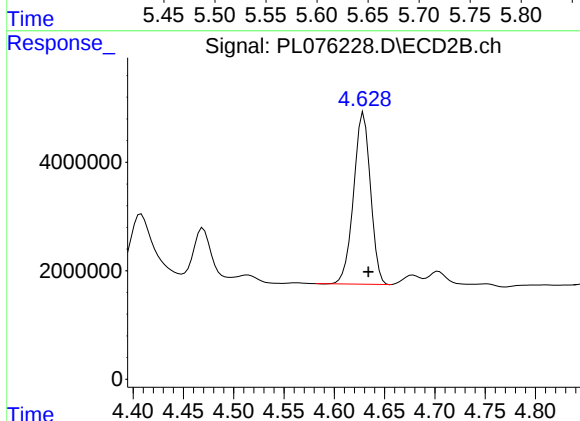
#1 Tetrachloro-m-xylene

R.T.: 5.639 min
Delta R.T.: -0.001 min
Response: 14306113
Conc: 18.92 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

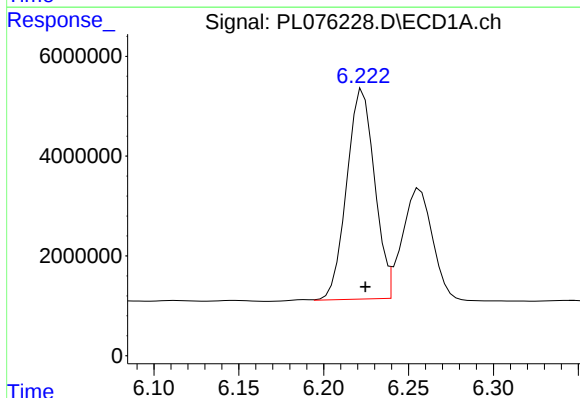
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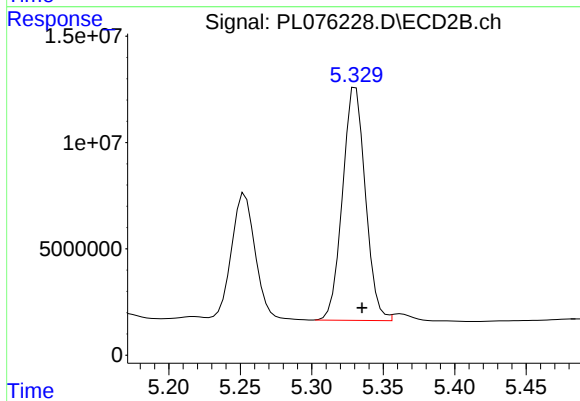
#1 Tetrachloro-m-xylene

R.T.: 4.629 min
Delta R.T.: -0.005 min
Response: 36897829
Conc: 19.45 ng/ml



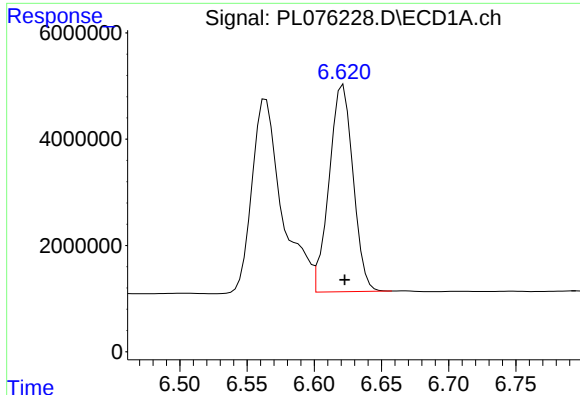
#2 alpha-BHC

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 48264358
Conc: 48.86 ng/ml m



#2 alpha-BHC

R.T.: 5.331 min
Delta R.T.: -0.004 min
Response: 121915965
Conc: 49.88 ng/ml



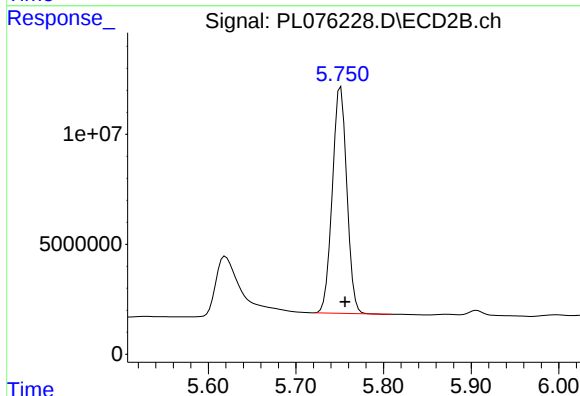
#3 gamma-BHC (Lindane)

R.T.: 6.621 min
Delta R.T.: -0.001 min
Response: 48117906
Conc: 51.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

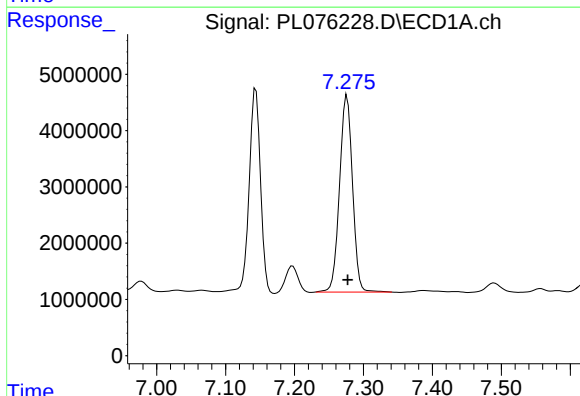
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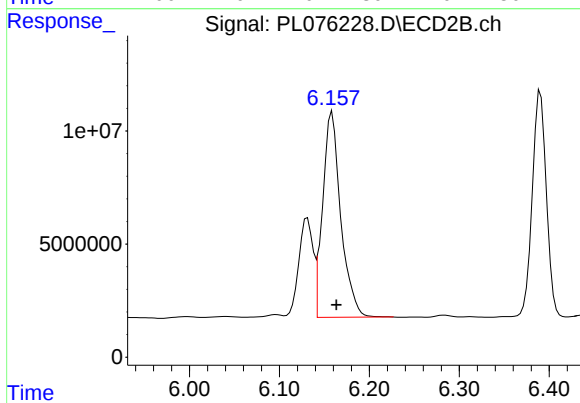
#3 gamma-BHC (Lindane)

R.T.: 5.751 min
Delta R.T.: -0.005 min
Response: 118584912
Conc: 51.29 ng/ml



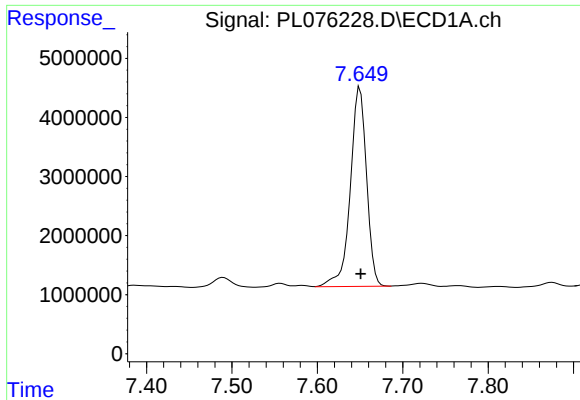
#4 Heptachlor

R.T.: 7.276 min
Delta R.T.: 0.000 min
Response: 45762998
Conc: 49.89 ng/ml



#4 Heptachlor

R.T.: 6.159 min
Delta R.T.: -0.005 min
Response: 127018970
Conc: 55.99 ng/ml



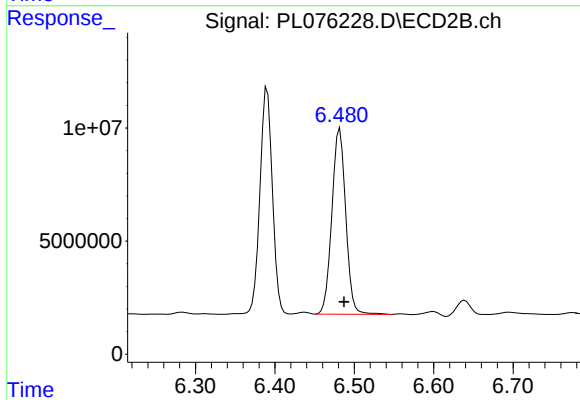
#5 Aldrin

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 44439399
Conc: 53.54 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

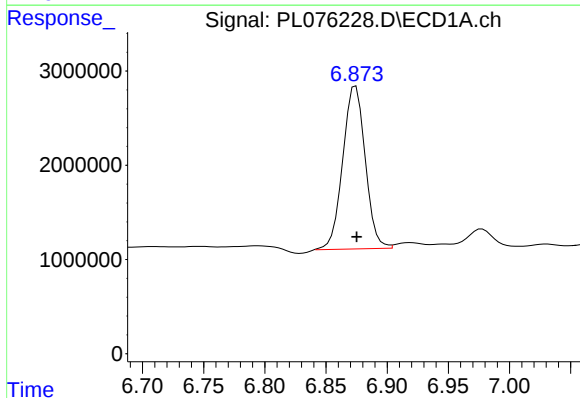
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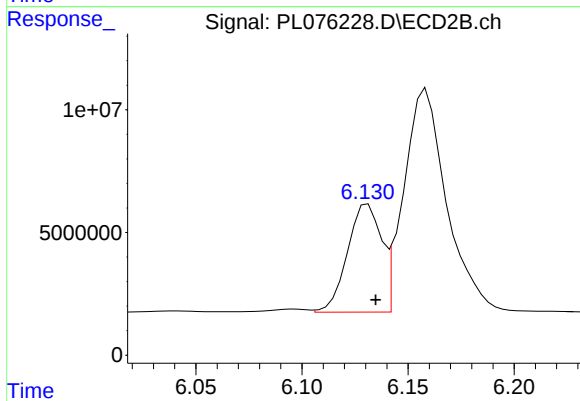
#5 Aldrin

R.T.: 6.482 min
Delta R.T.: -0.005 min
Response: 99501436
Conc: 48.19 ng/ml



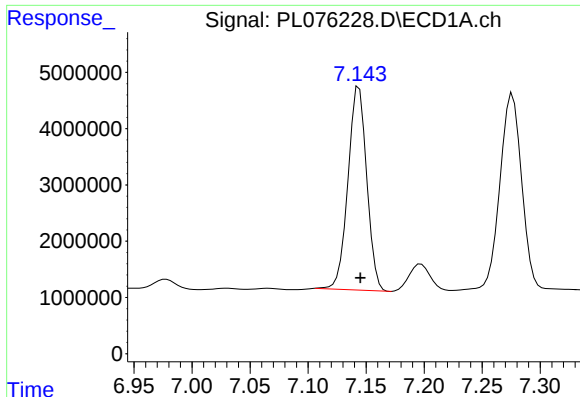
#6 beta-BHC

R.T.: 6.874 min
Delta R.T.: 0.000 min
Response: 22114159
Conc: 50.49 ng/ml



#6 beta-BHC

R.T.: 6.131 min
Delta R.T.: -0.004 min
Response: 48704713
Conc: 46.69 ng/ml



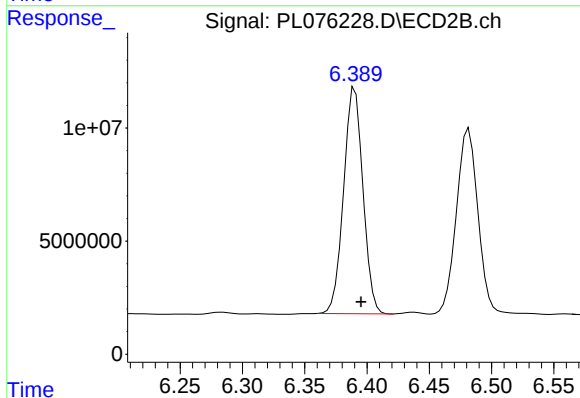
#7 delta-BHC

R.T.: 7.144 min
Delta R.T.: -0.001 min
Response: 40661627
Conc: 52.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

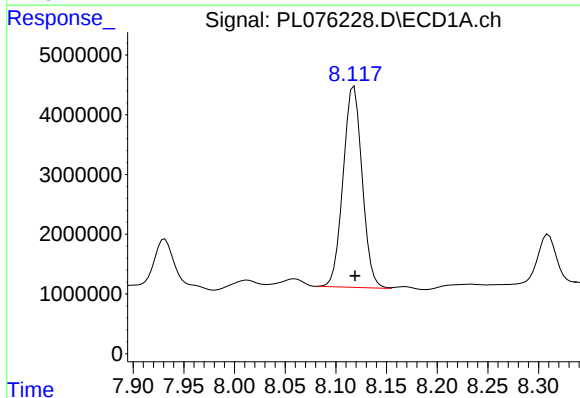
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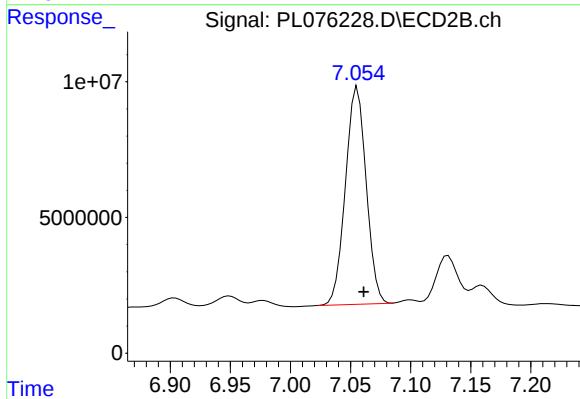
#7 delta-BHC

R.T.: 6.390 min
Delta R.T.: -0.005 min
Response: 108473666
Conc: 48.02 ng/ml



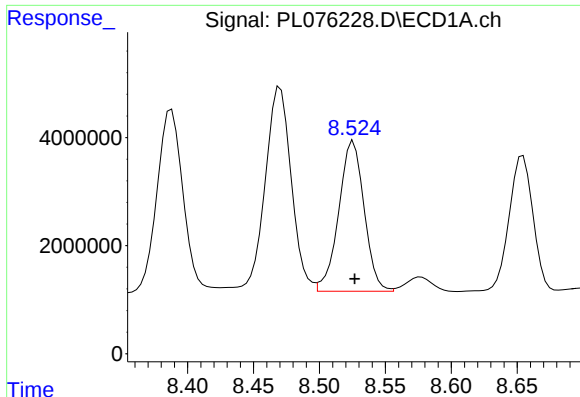
#8 Heptachlor epoxide

R.T.: 8.118 min
Delta R.T.: -0.001 min
Response: 44003913
Conc: 55.27 ng/ml



#8 Heptachlor epoxide

R.T.: 7.056 min
Delta R.T.: -0.005 min
Response: 96430037
Conc: 50.27 ng/ml



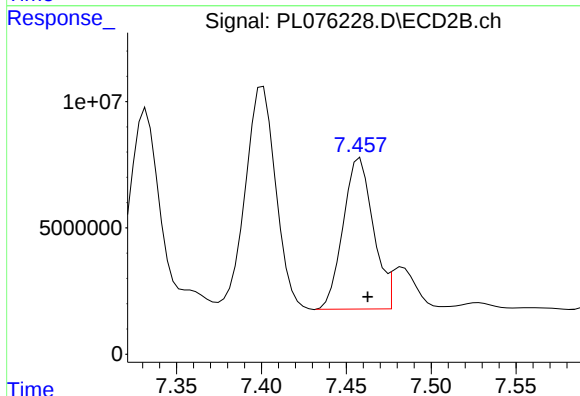
#9 Endosulfan I

R.T.: 8.526 min
Delta R.T.: 0.000 min
Response: 37374203
Conc: 51.70 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

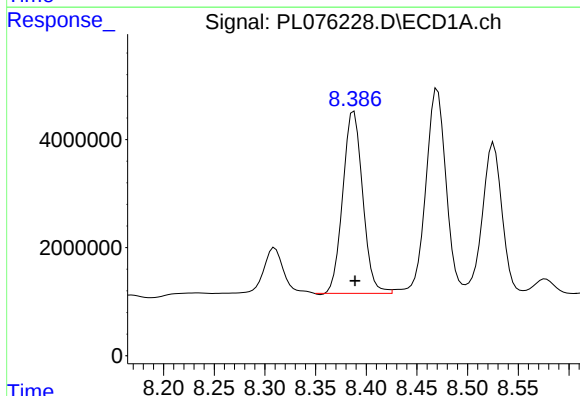
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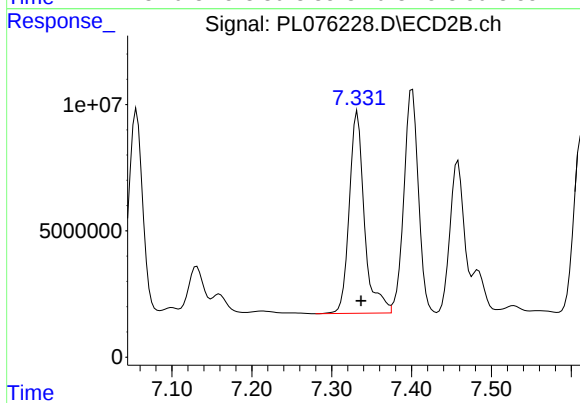
#9 Endosulfan I

R.T.: 7.458 min
Delta R.T.: -0.004 min
Response: 73684567
Conc: 41.97 ng/ml



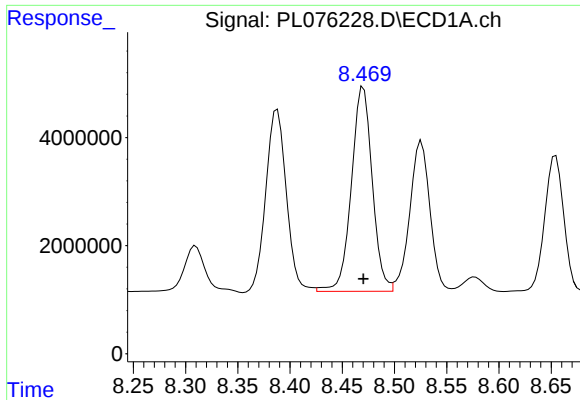
#10 gamma-Chlordane

R.T.: 8.388 min
Delta R.T.: -0.001 min
Response: 45868736
Conc: 59.01 ng/ml



#10 gamma-Chlordane

R.T.: 7.332 min
Delta R.T.: -0.005 min
Response: 105702334
Conc: 54.99 ng/ml



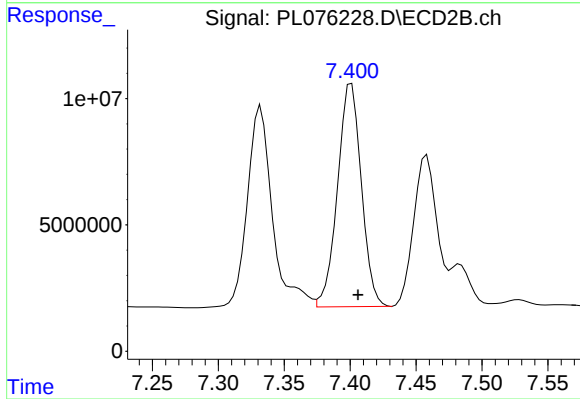
#11 alpha-Chlordane

R.T.: 8.470 min
Delta R.T.: 0.000 min
Response: 52687209
Conc: 67.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

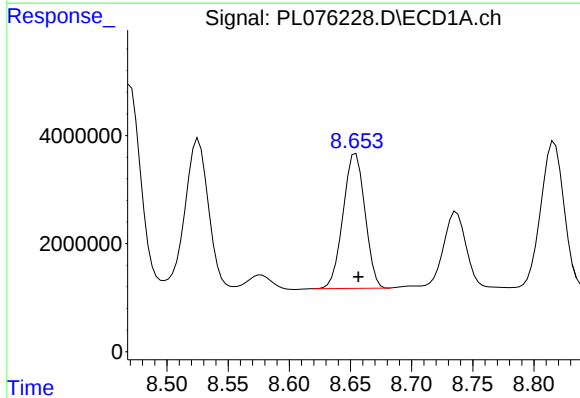
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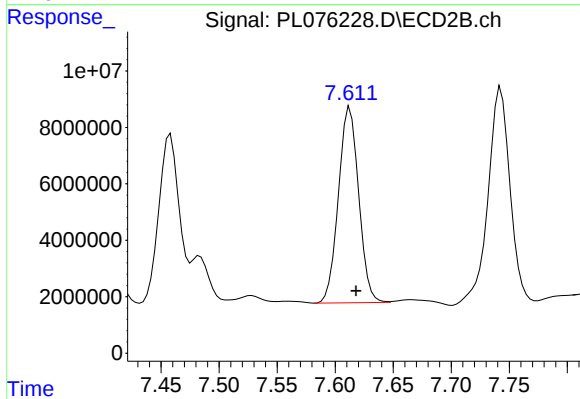
#11 alpha-Chlordane

R.T.: 7.401 min
Delta R.T.: -0.005 min
Response: 111012933
Conc: 58.00 ng/ml



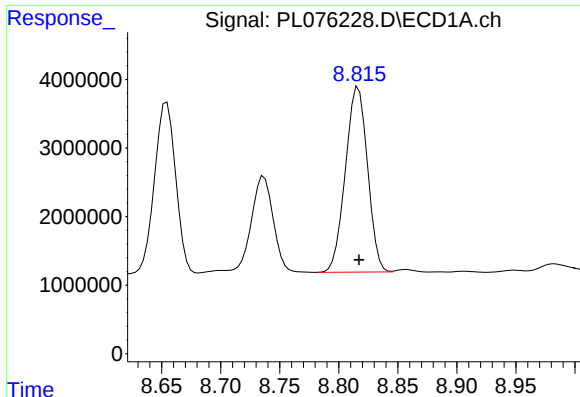
#12 4,4'-DDE

R.T.: 8.654 min
Delta R.T.: -0.002 min
Response: 31096500
Conc: 46.01 ng/ml



#12 4,4'-DDE

R.T.: 7.613 min
Delta R.T.: -0.005 min
Response: 84293834
Conc: 49.66 ng/ml



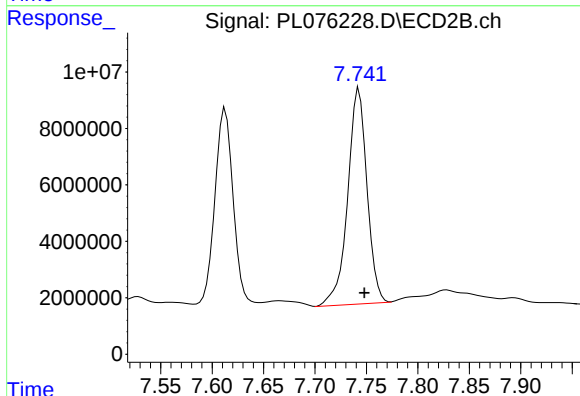
#13 Dieldrin

R.T.: 8.817 min
Delta R.T.: 0.000 min
Response: 35233403
Conc: 47.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

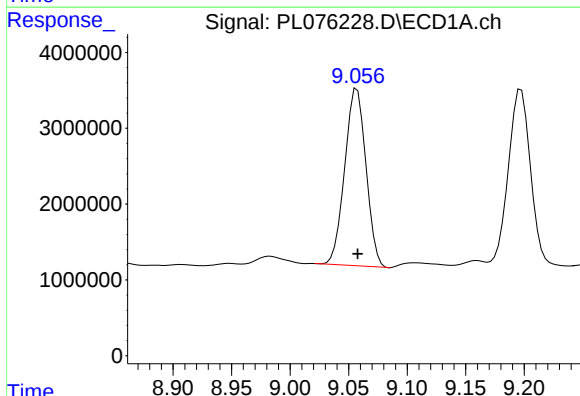
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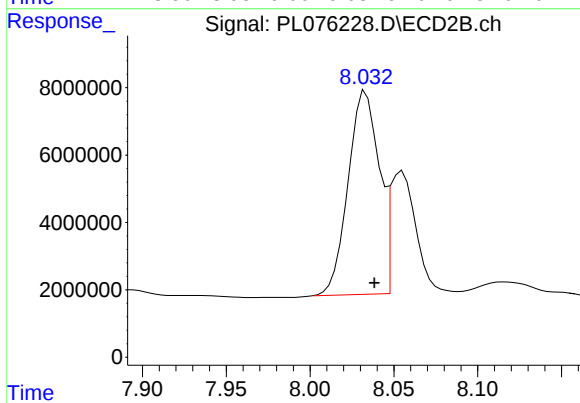
#13 Dieldrin

R.T.: 7.741 min
Delta R.T.: -0.006 min
Response: 100145464
Conc: 55.65 ng/ml m



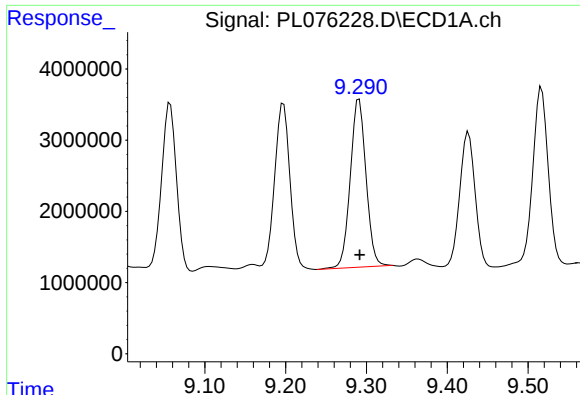
#14 Endrin

R.T.: 9.057 min
Delta R.T.: 0.000 min
Response: 29551374
Conc: 47.40 ng/ml



#14 Endrin

R.T.: 8.033 min
Delta R.T.: -0.005 min
Response: 77494984
Conc: 50.99 ng/ml



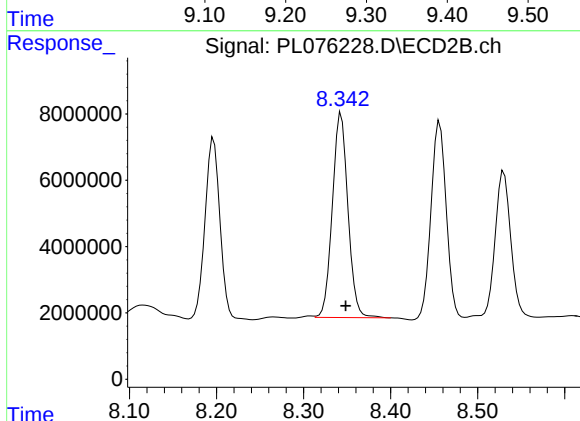
#15 Endosulfan II

R.T.: 9.291 min
Delta R.T.: 0.000 min
Response: 31938432
Conc: 50.34 ng/ml

Instrument :
ECD_L
ClientSampleId :
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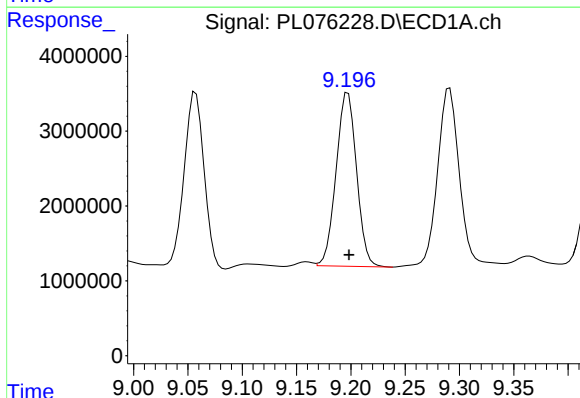
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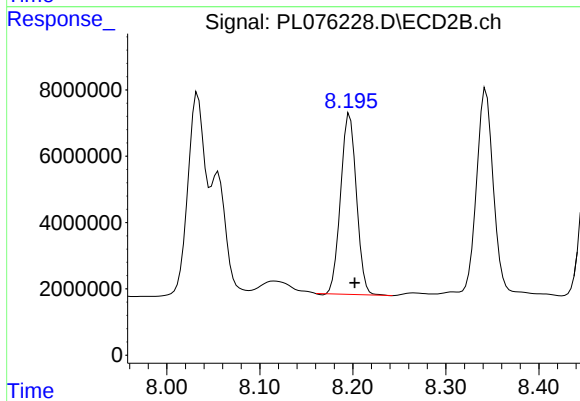
#15 Endosulfan II

R.T.: 8.343 min
Delta R.T.: -0.005 min
Response: 77010188
Conc: 50.95 ng/ml



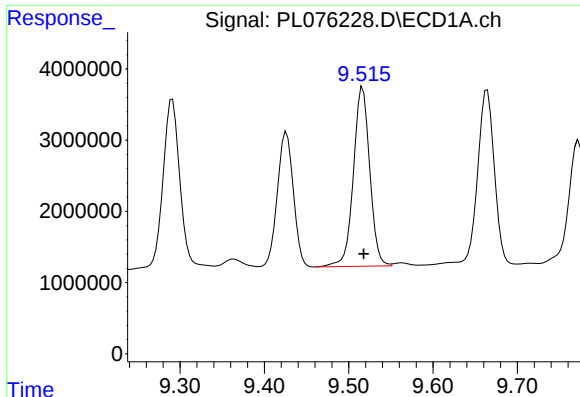
#16 4,4'-DDD

R.T.: 9.197 min
Delta R.T.: 0.000 min
Response: 30394722
Conc: 53.60 ng/ml



#16 4,4'-DDD

R.T.: 8.197 min
Delta R.T.: -0.005 min
Response: 64347669
Conc: 46.39 ng/ml



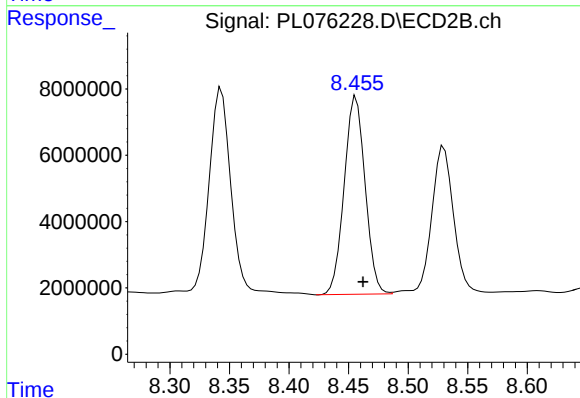
#17 4,4'-DDT

R.T.: 9.517 min
Delta R.T.: -0.001 min
Response: 33910102
Conc: 55.55 ng/ml

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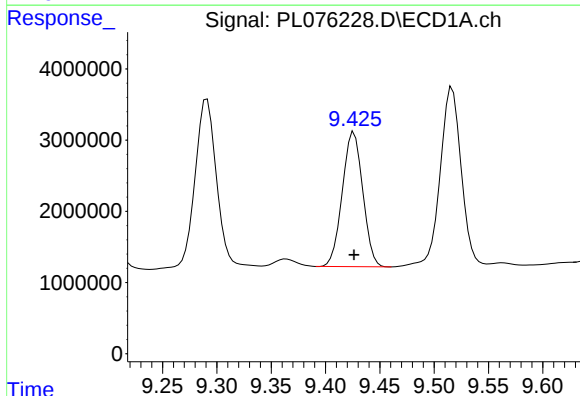
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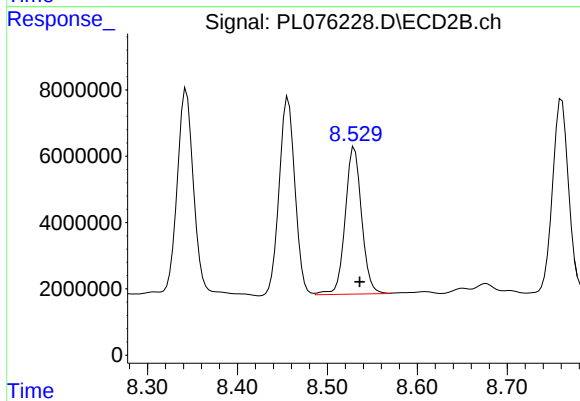
#17 4,4'-DDT

R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 72875660
Conc: 49.27 ng/ml



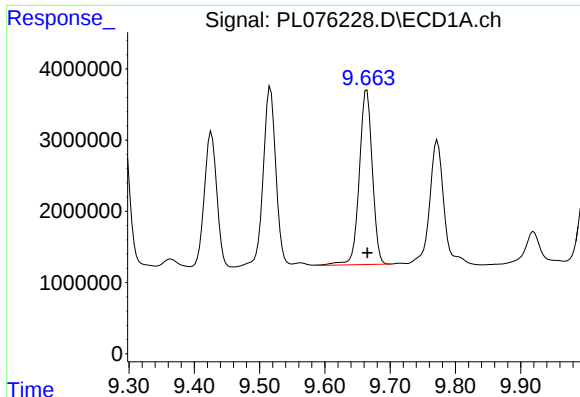
#18 Endrin aldehyde

R.T.: 9.426 min
Delta R.T.: 0.000 min
Response: 24850466
Conc: 48.11 ng/ml



#18 Endrin aldehyde

R.T.: 8.530 min
Delta R.T.: -0.006 min
Response: 56297059
Conc: 47.16 ng/ml



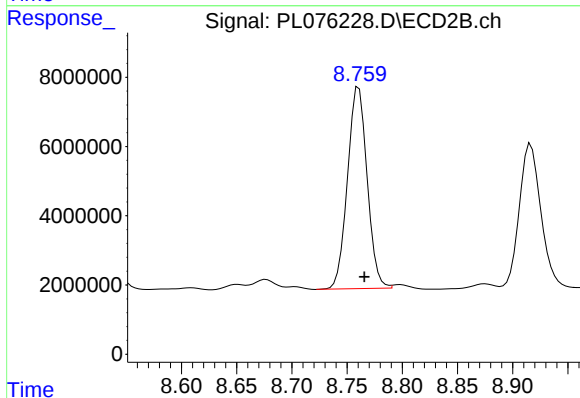
#19 Endosulfan Sulfate

R.T.: 9.664 min
Delta R.T.: 0.000 min
Response: 33973231
Conc: 52.99 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

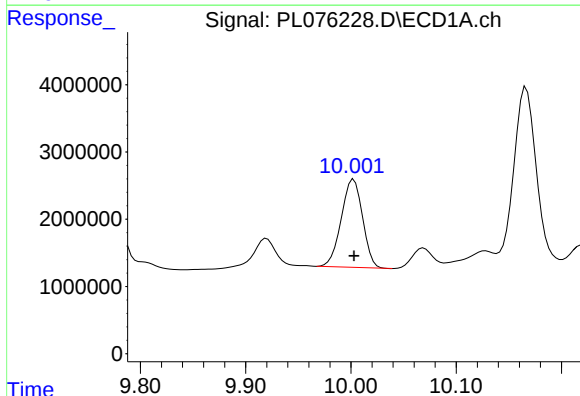
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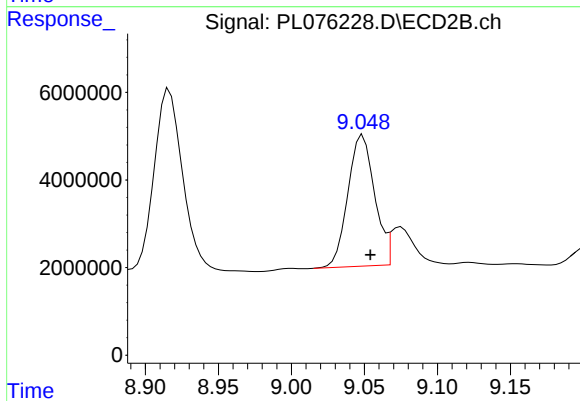
#19 Endosulfan Sulfate

R.T.: 8.761 min
Delta R.T.: -0.005 min
Response: 72192430
Conc: 47.05 ng/ml



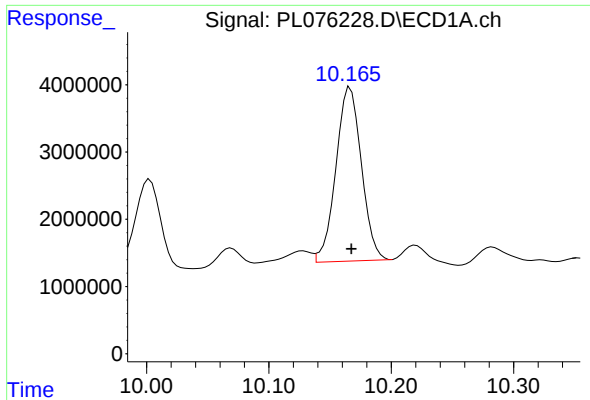
#20 Methoxychlor

R.T.: 10.003 min
Delta R.T.: 0.000 min
Response: 18512130
Conc: 53.97 ng/ml



#20 Methoxychlor

R.T.: 9.049 min
Delta R.T.: -0.005 min
Response: 38046513
Conc: 44.68 ng/ml



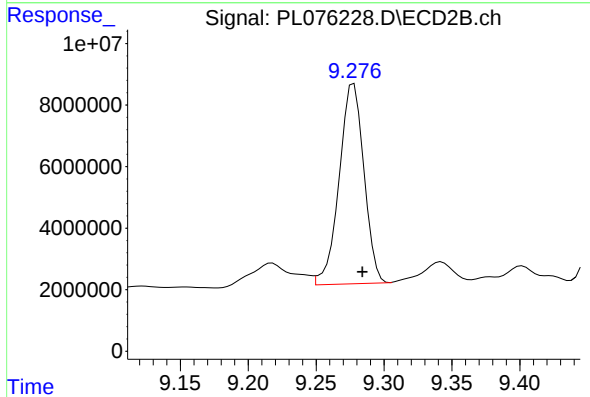
#21 Endrin ketone

R.T.: 10.166 min
Delta R.T.: 0.000 min
Response: 37446367
Conc: 51.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

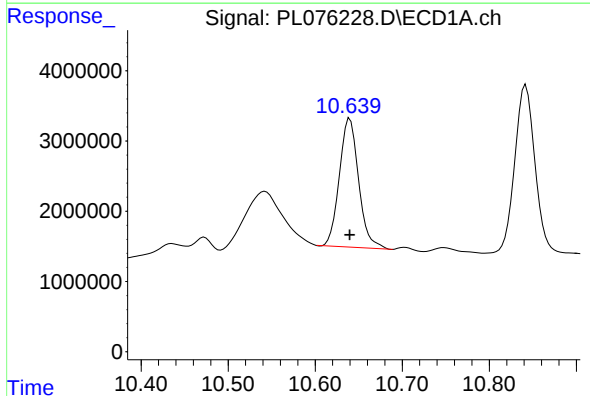
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 07/05/2022
Supervised By :Ankita Jodhani 07/05/2022



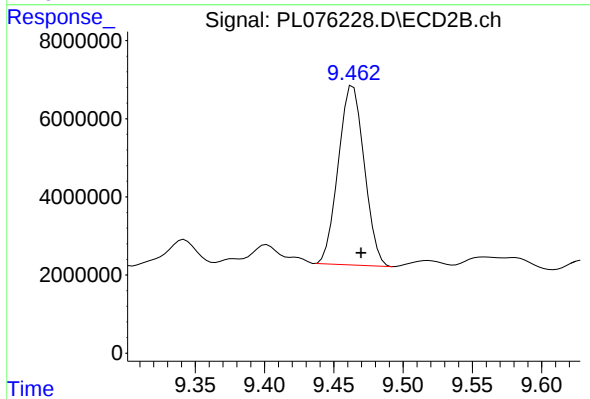
#21 Endrin ketone

R.T.: 9.278 min
Delta R.T.: -0.006 min
Response: 82495174
Conc: 49.93 ng/ml



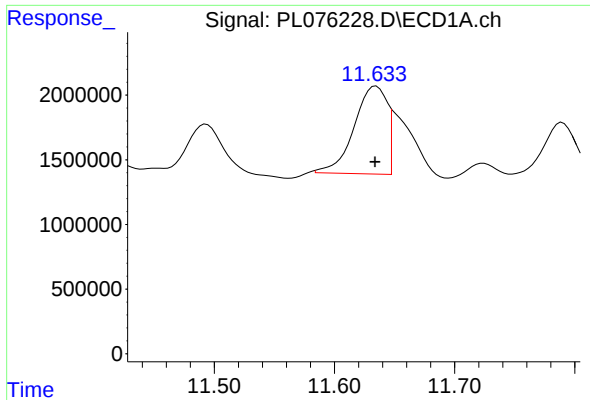
#22 Mirex

R.T.: 10.640 min
Delta R.T.: 0.000 min
Response: 28165535
Conc: 52.37 ng/ml



#22 Mirex

R.T.: 9.462 min
Delta R.T.: -0.007 min
Response: 59928801
Conc: 44.78 ng/ml m



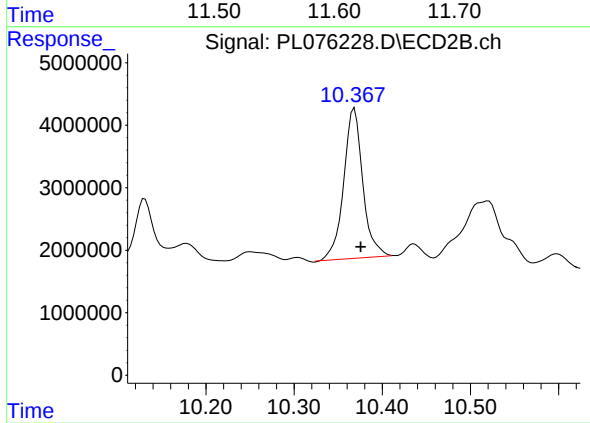
#28 Decachlorobiphenyl

R.T.: 11.633 min
Delta R.T.: 0.000 min
Response: 12405898
Conc: 19.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
72-11998MSD

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 10.367 min
Delta R.T.: -0.008 min
Response: 36153813
Conc: 23.54 ng/ml m