

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101722\
 Data File : PL078392.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Oct 2022 12:07
 Operator : AR\AJ
 Sample : PB148346BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB148346BS

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 10/18/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 23:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 12 15:30:54 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...	3.418	2.618	22620740	39595283	13.688	14.980
28)	SA Decachlor...	8.911	7.718	24413385	33411853	15.814	15.370
Target Compounds							
2)	A alpha-BHC	3.883	3.111	22048720	35602856	8.768	8.554
3)	MA gamma-BHC...	4.219	3.435	21215557	31800941	9.098	9.126
4)	MA Heptachlor	4.795	3.765	23566482	35078715	10.602	9.822
5)	MB Aldrin	5.135	4.040	16315721	32168962	7.790	9.456
6)	B beta-BHC	4.433	3.736	9531310	14333464	9.583	9.722
7)	B delta-BHC	4.676	3.958	21968015	34421085	11.953	9.312
8)	B Heptachlo...	5.569	4.540	20542949	32470862	13.493	11.020
9)	A Endosulfan I	5.955	4.905	18169388	30923206	10.823	11.212
10)	B gamma-Chl...	5.824	4.789	19739003	33274150	11.078	11.116
11)	B alpha-Chl...	5.902	4.851	19645492	32525654	10.971	11.295
12)	B 4,4'-DDE	6.082	5.046	19024840	30379091	11.288	10.627
13)	MA Dieldrin	6.233	5.169	17925529	27166470	10.419	9.271
14)	MA Endrin	6.464	5.441	13504348	28496751	9.050m	12.372m#
15)	B Endosulfa...	6.693	5.738	14717462	25649444	10.978	10.478
16)	A 4,4'-DDD	6.607	5.599	13374741	25859024	10.862	11.609
17)	MA 4,4'-DDT	6.917	5.848	15487406	26109816	10.579	11.503
18)	B Endrin al...	6.824	5.917	12548011	22520580	10.965	12.171m
19)	B Endosulfa...	7.057	6.139	15275209	27446512	10.709	11.402m
20)	A Methoxychlor	7.399	6.426	7784514	13842342	10.274	10.960
21)	B Endrin ke...	7.546	6.639	17491445	27818410	11.212	10.500m
22)	Mirex	8.003	6.816	11705435	27456588	9.910m	14.272 #

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

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 Data File : PL078392.D
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 Acq On : 17 Oct 2022 12:07
 Operator : AR\AJ
 Sample : PB148346BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

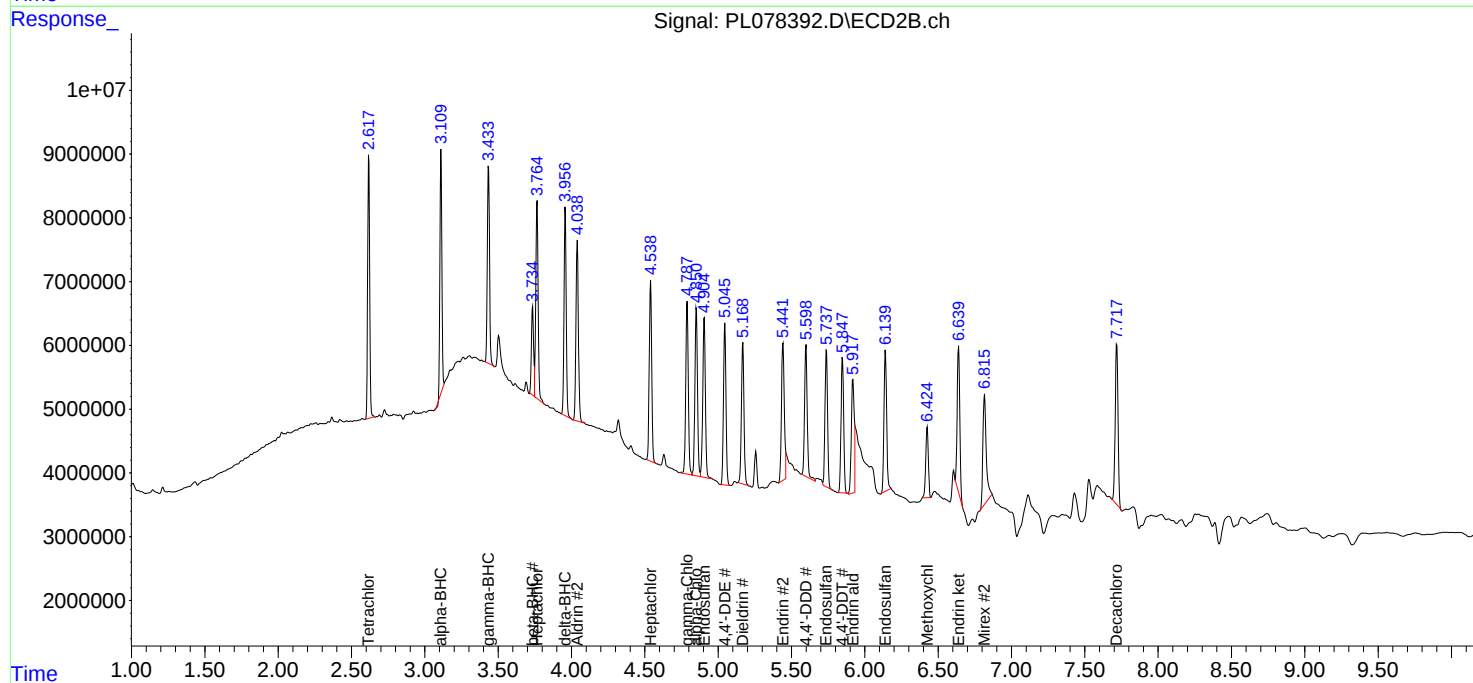
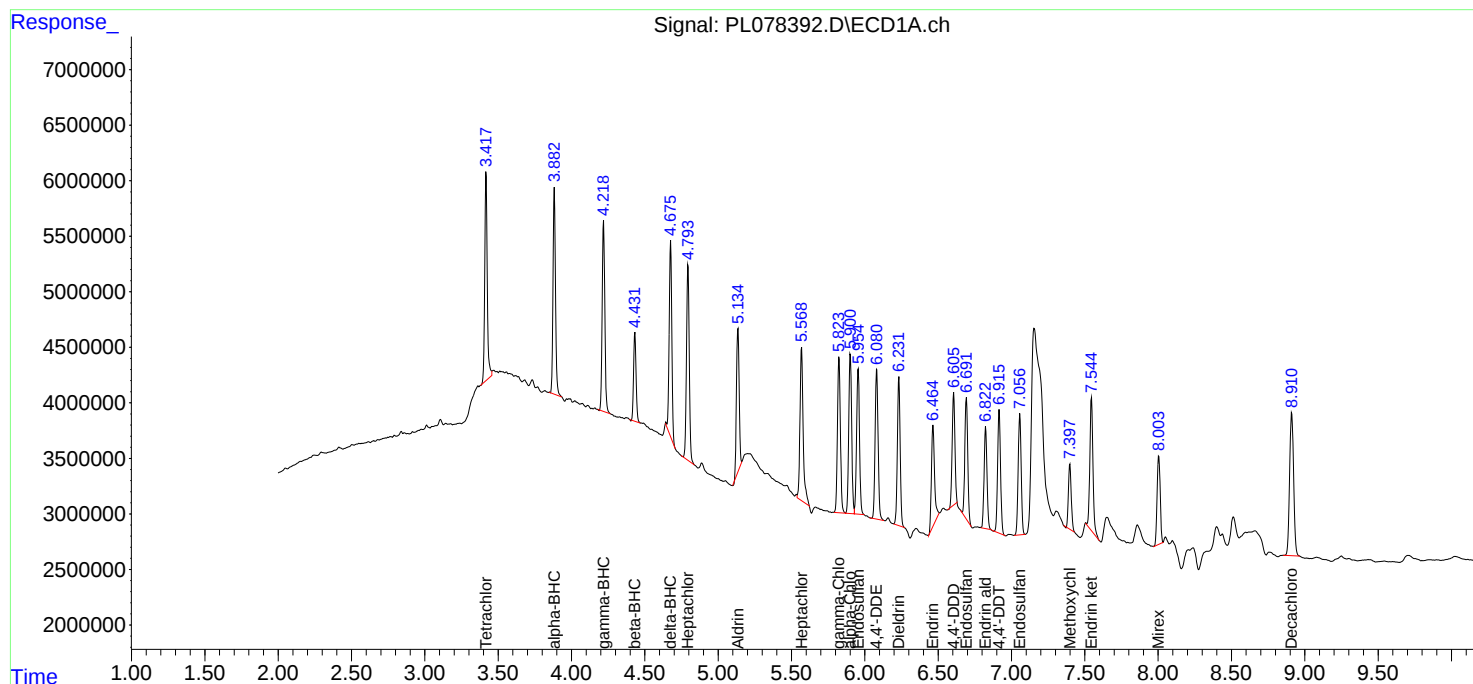
Instrument :
 ECD_L
 ClientSampleId :
 PB148346BS

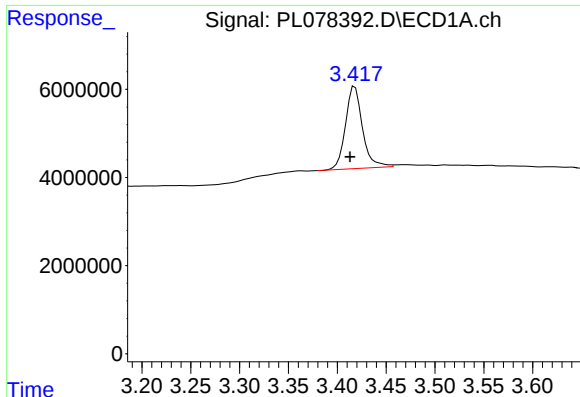
Manual Integrations APPROVED

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 Supervised By : Ankita Jodhani 10/19/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 17 23:50:30 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL101222.M
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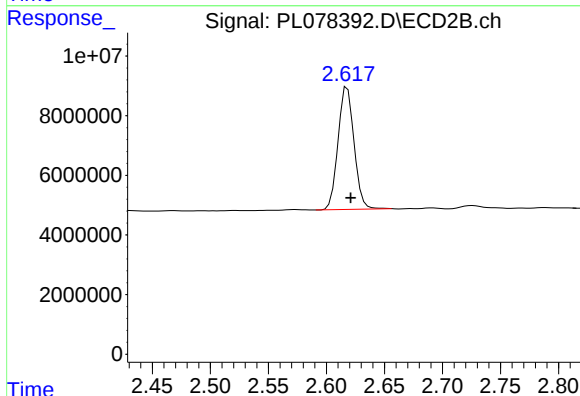
#1 Tetrachloro-m-xylene

R.T.: 3.418 min
Delta R.T.: 0.005 min
Response: 22620740
Conc: 13.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

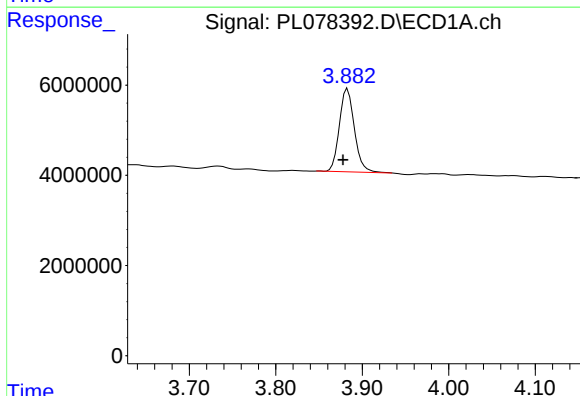
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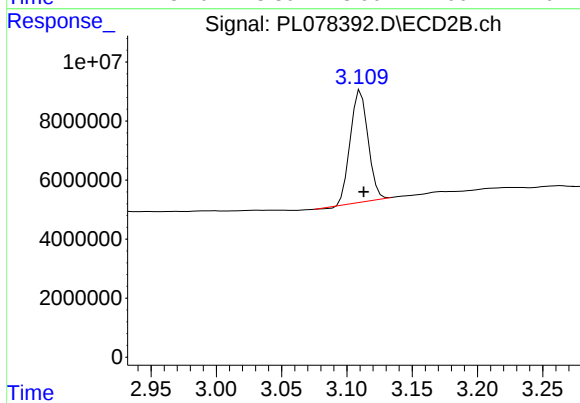
#1 Tetrachloro-m-xylene

R.T.: 2.618 min
Delta R.T.: -0.003 min
Response: 39595283
Conc: 14.98 ng/ml



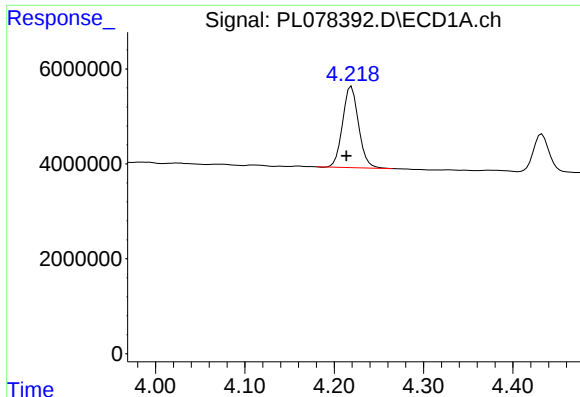
#2 alpha-BHC

R.T.: 3.883 min
Delta R.T.: 0.005 min
Response: 22048720
Conc: 8.77 ng/ml



#2 alpha-BHC

R.T.: 3.111 min
Delta R.T.: -0.002 min
Response: 35602856
Conc: 8.55 ng/ml



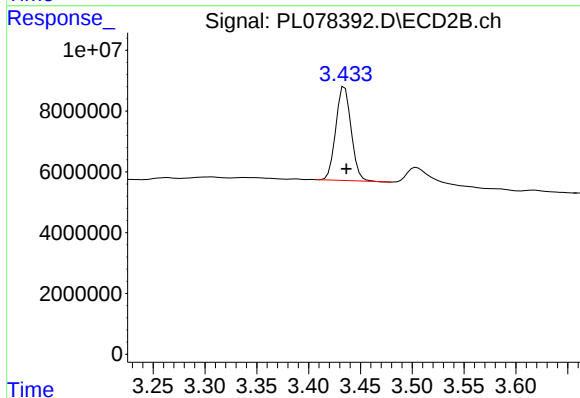
#3 gamma-BHC (Lindane)

R.T.: 4.219 min
Delta R.T.: 0.006 min
Response: 21215557
Conc: 9.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

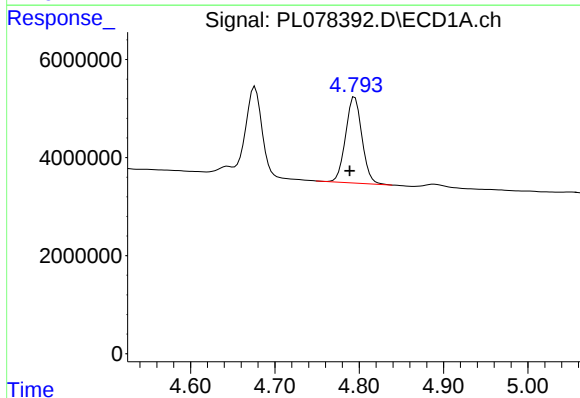
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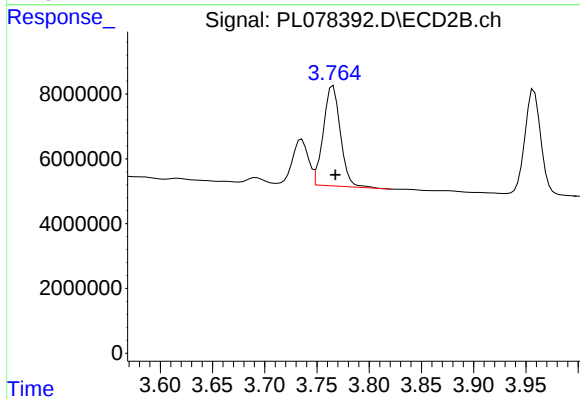
#3 gamma-BHC (Lindane)

R.T.: 3.435 min
Delta R.T.: -0.002 min
Response: 31800941
Conc: 9.13 ng/ml



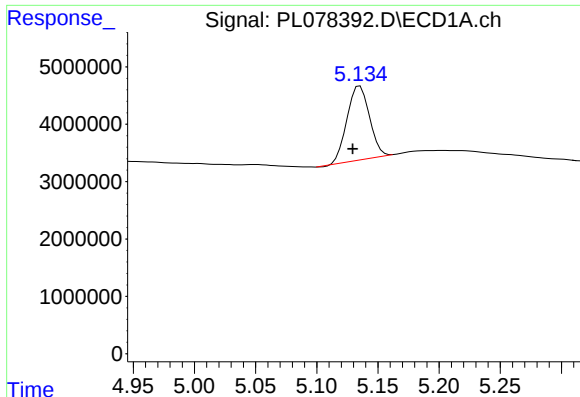
#4 Heptachlor

R.T.: 4.795 min
Delta R.T.: 0.006 min
Response: 23566482
Conc: 10.60 ng/ml



#4 Heptachlor

R.T.: 3.765 min
Delta R.T.: -0.002 min
Response: 35078715
Conc: 9.82 ng/ml



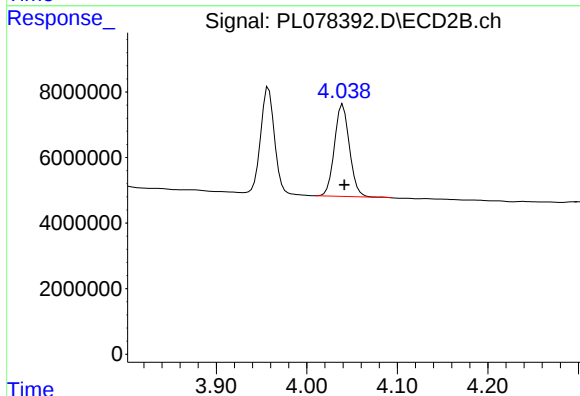
#5 Aldrin

R.T.: 5.135 min
Delta R.T.: 0.006 min
Response: 16315721
Conc: 7.79 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

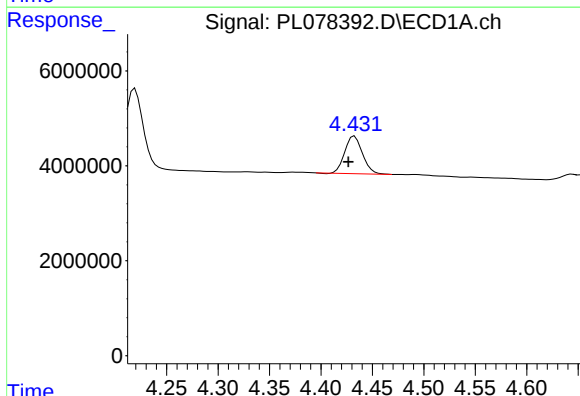
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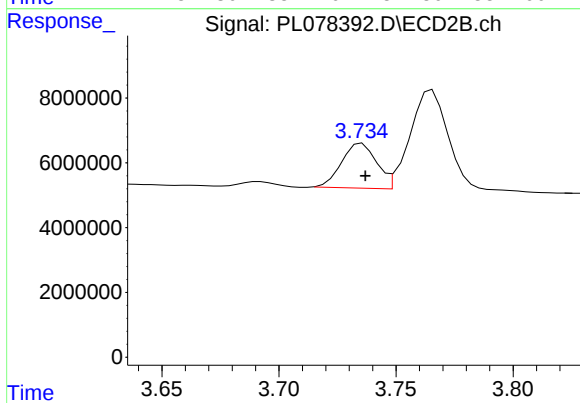
#5 Aldrin

R.T.: 4.040 min
Delta R.T.: -0.002 min
Response: 32168962
Conc: 9.46 ng/ml



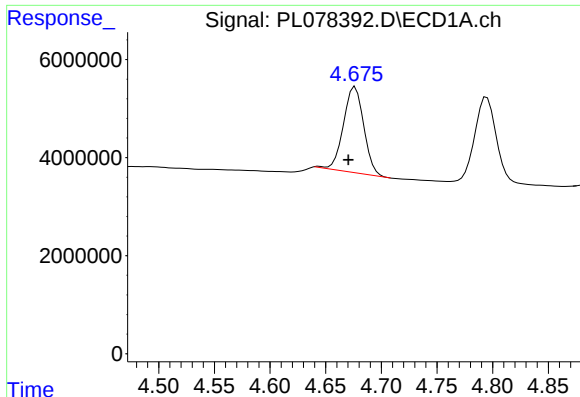
#6 beta-BHC

R.T.: 4.433 min
Delta R.T.: 0.006 min
Response: 9531310
Conc: 9.58 ng/ml



#6 beta-BHC

R.T.: 3.736 min
Delta R.T.: -0.001 min
Response: 14333464
Conc: 9.72 ng/ml



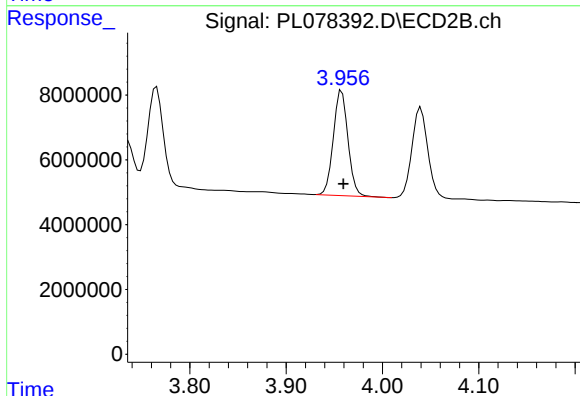
#7 delta-BHC

R.T.: 4.676 min
Delta R.T.: 0.006 min
Response: 21968015
Conc: 11.95 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

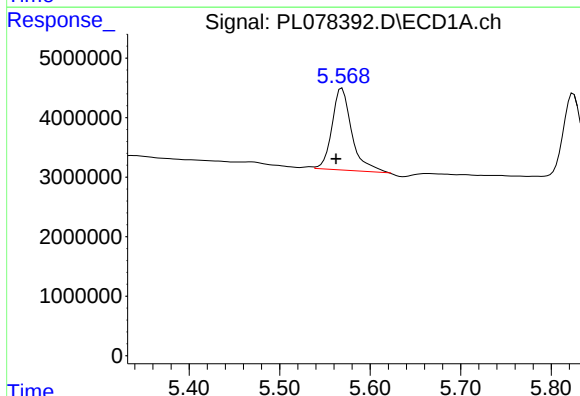
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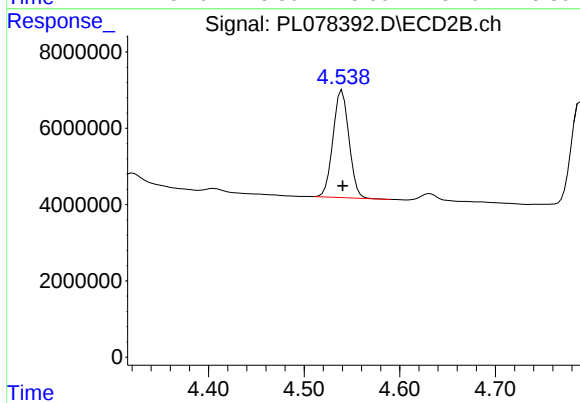
#7 delta-BHC

R.T.: 3.958 min
Delta R.T.: -0.002 min
Response: 34421085
Conc: 9.31 ng/ml



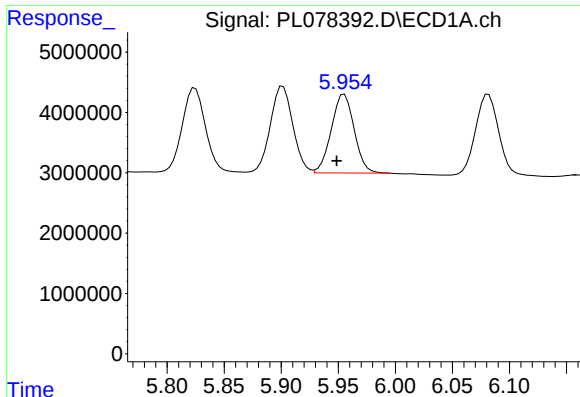
#8 Heptachlor epoxide

R.T.: 5.569 min
Delta R.T.: 0.007 min
Response: 20542949
Conc: 13.49 ng/ml



#8 Heptachlor epoxide

R.T.: 4.540 min
Delta R.T.: 0.000 min
Response: 32470862
Conc: 11.02 ng/ml



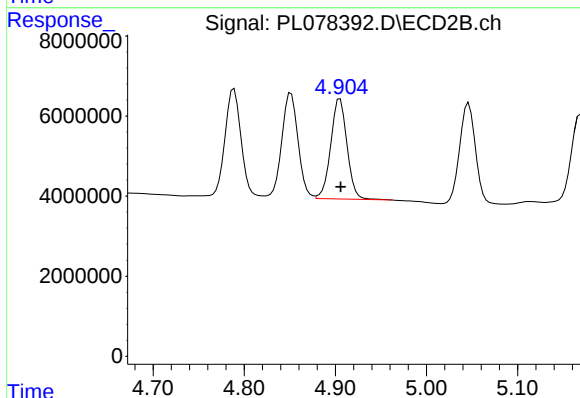
#9 Endosulfan I

R.T.: 5.955 min
Delta R.T.: 0.007 min
Response: 18169388
Conc: 10.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

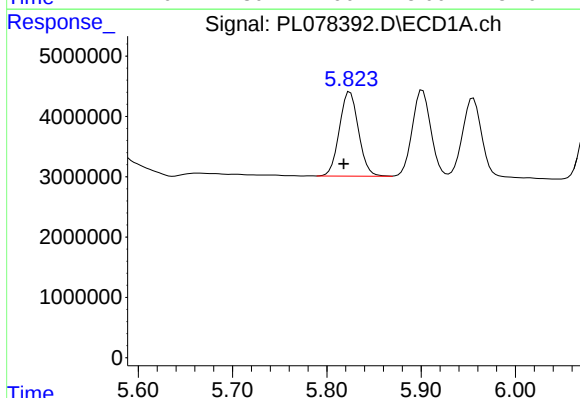
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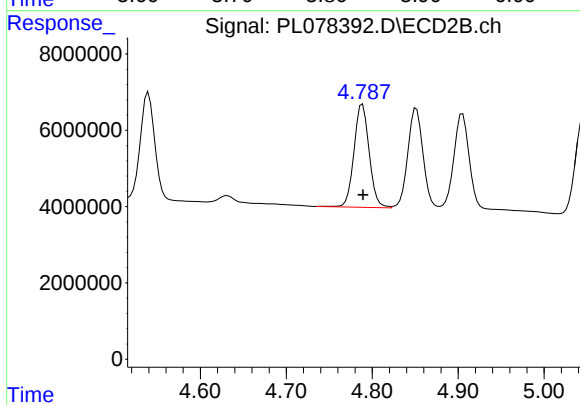
#9 Endosulfan I

R.T.: 4.905 min
Delta R.T.: 0.000 min
Response: 30923206
Conc: 11.21 ng/ml



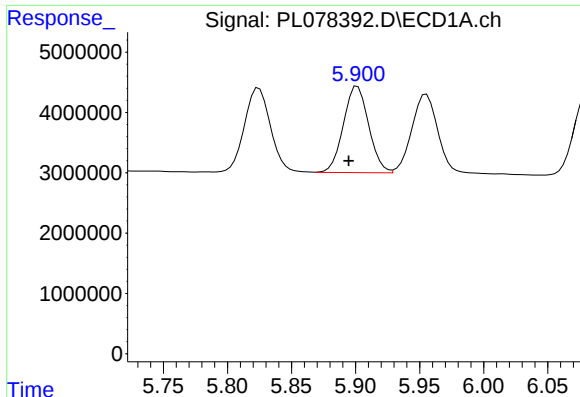
#10 gamma-Chlordane

R.T.: 5.824 min
Delta R.T.: 0.006 min
Response: 19739003
Conc: 11.08 ng/ml



#10 gamma-Chlordane

R.T.: 4.789 min
Delta R.T.: 0.000 min
Response: 33274150
Conc: 11.12 ng/ml



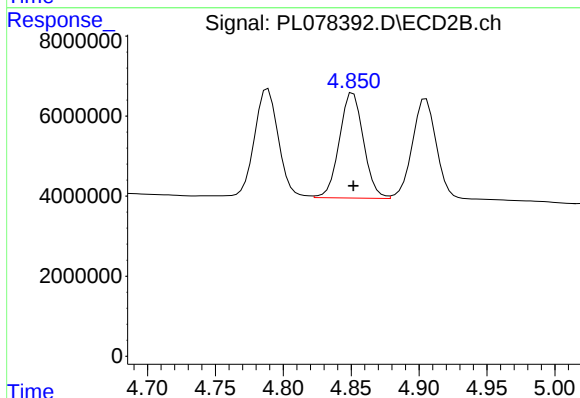
#11 alpha-Chlordane

R.T.: 5.902 min
Delta R.T.: 0.007 min
Response: 19645492
Conc: 10.97 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

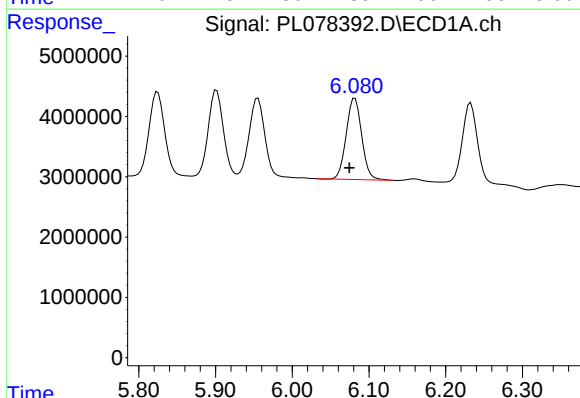
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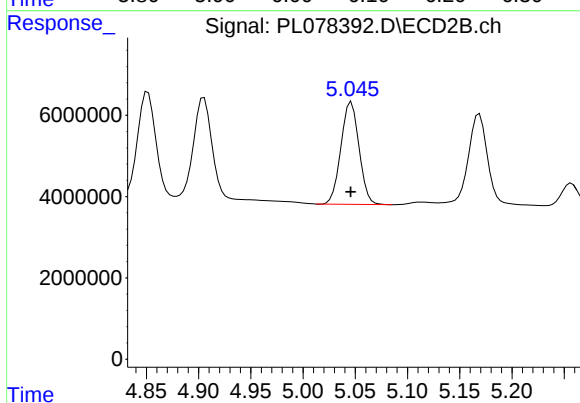
#11 alpha-Chlordane

R.T.: 4.851 min
Delta R.T.: 0.000 min
Response: 32525654
Conc: 11.30 ng/ml



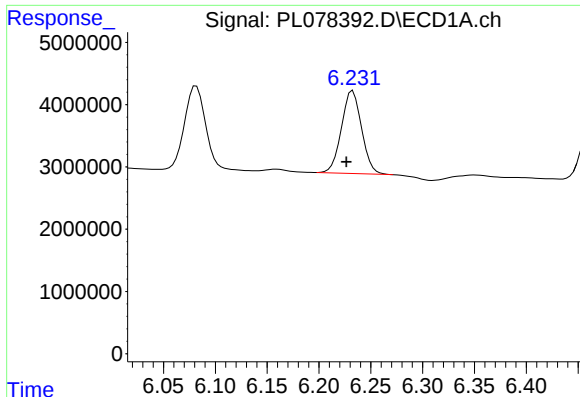
#12 4,4'-DDE

R.T.: 6.082 min
Delta R.T.: 0.007 min
Response: 19024840
Conc: 11.29 ng/ml



#12 4,4'-DDE

R.T.: 5.046 min
Delta R.T.: 0.000 min
Response: 30379091
Conc: 10.63 ng/ml



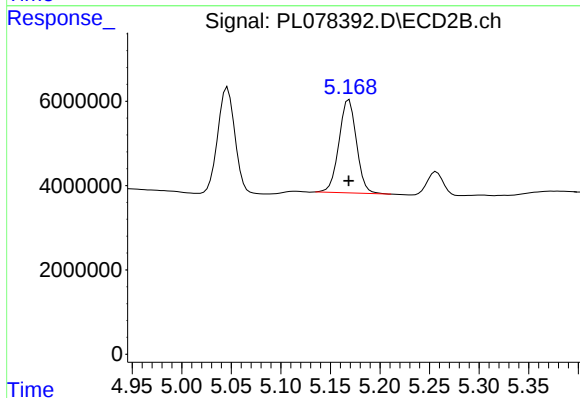
#13 Dieldrin

R.T.: 6.233 min
Delta R.T.: 0.006 min
Response: 17925529
Conc: 10.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

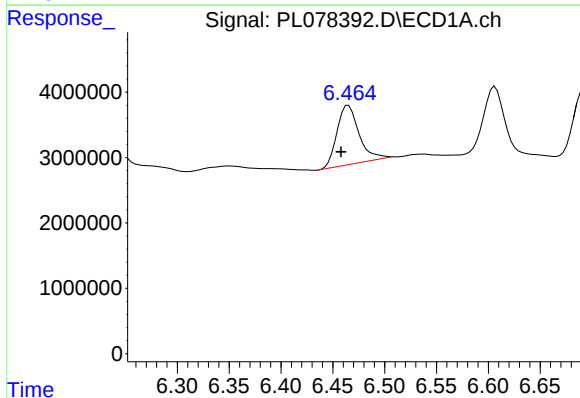
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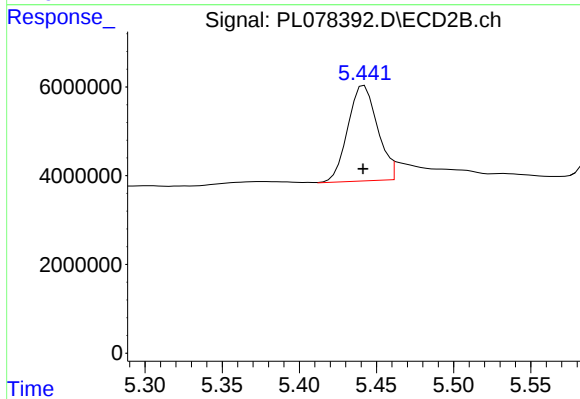
#13 Dieldrin

R.T.: 5.169 min
Delta R.T.: 0.000 min
Response: 27166470
Conc: 9.27 ng/ml



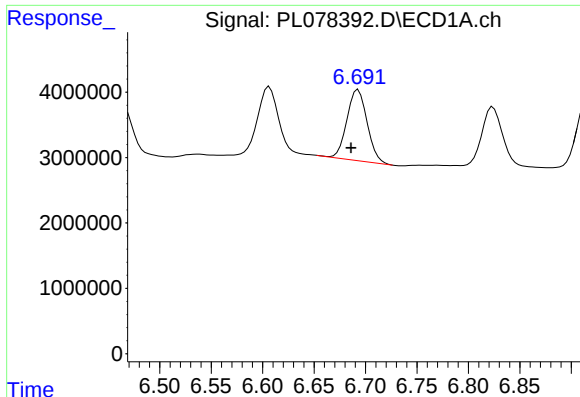
#14 Endrin

R.T.: 6.464 min
Delta R.T.: 0.006 min
Response: 13504348
Conc: 9.05 ng/ml m



#14 Endrin

R.T.: 5.441 min
Delta R.T.: 0.000 min
Response: 28496751
Conc: 12.37 ng/ml m



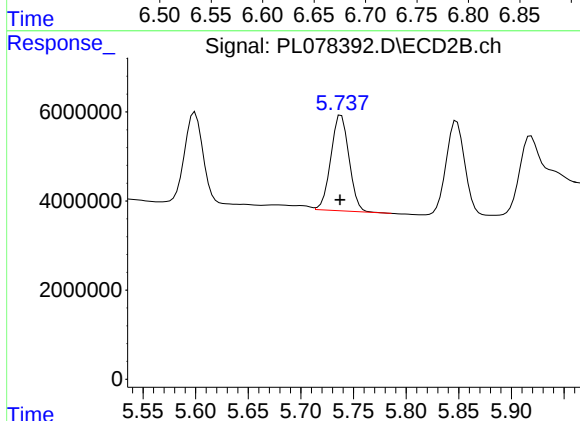
#15 Endosulfan II

R.T.: 6.693 min
Delta R.T.: 0.007 min
Response: 14717462
Conc: 10.98 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

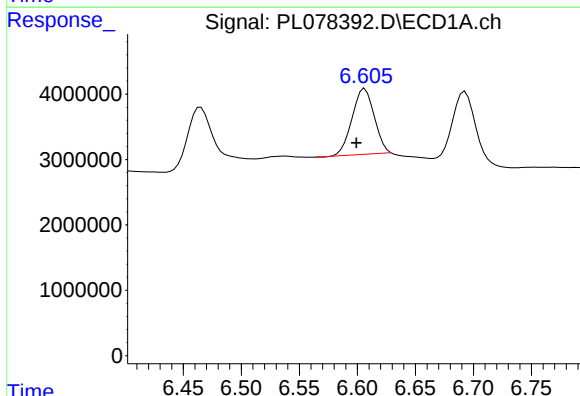
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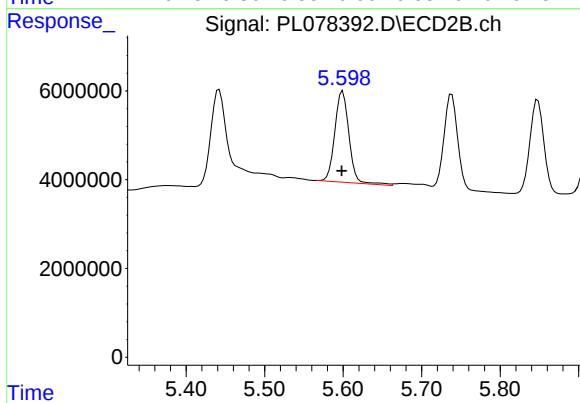
#15 Endosulfan II

R.T.: 5.738 min
Delta R.T.: 0.000 min
Response: 25649444
Conc: 10.48 ng/ml



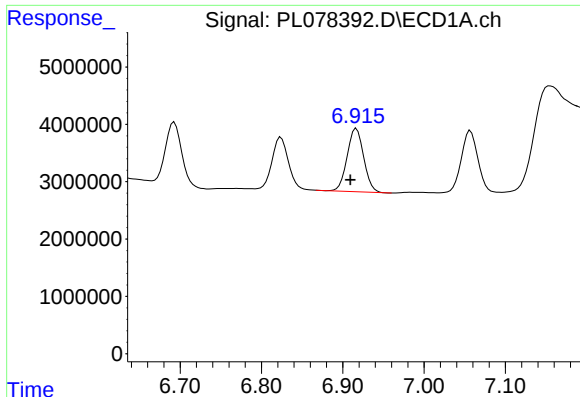
#16 4,4'-DDD

R.T.: 6.607 min
Delta R.T.: 0.007 min
Response: 13374741
Conc: 10.86 ng/ml



#16 4,4'-DDD

R.T.: 5.599 min
Delta R.T.: 0.001 min
Response: 25859024
Conc: 11.61 ng/ml



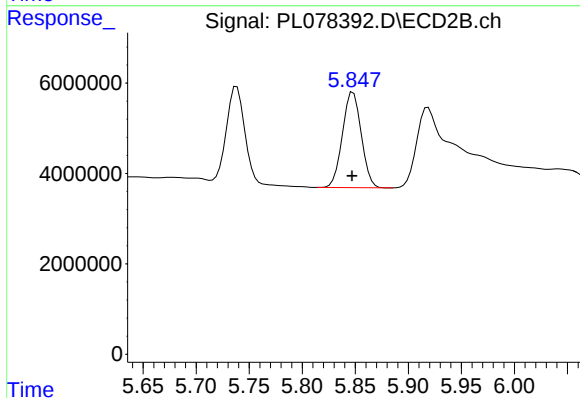
#17 4,4'-DDT

R.T.: 6.917 min
Delta R.T.: 0.007 min
Response: 15487406
Conc: 10.58 ng/ml

Instrument :
ECD_L
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PB148346BS

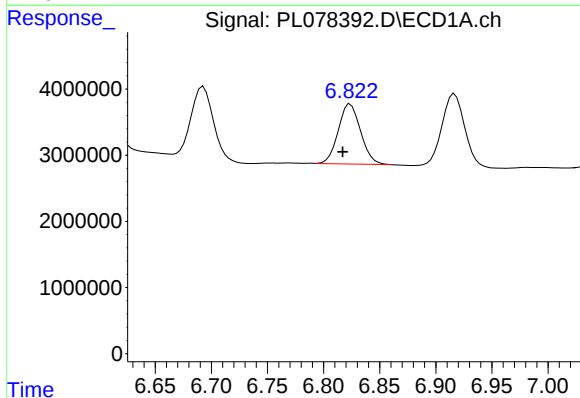
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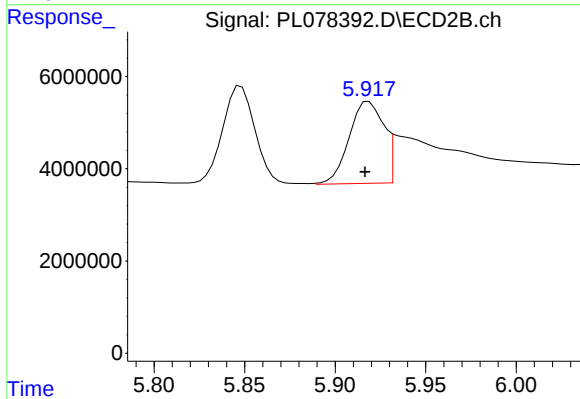
#17 4,4'-DDT

R.T.: 5.848 min
Delta R.T.: 0.001 min
Response: 26109816
Conc: 11.50 ng/ml



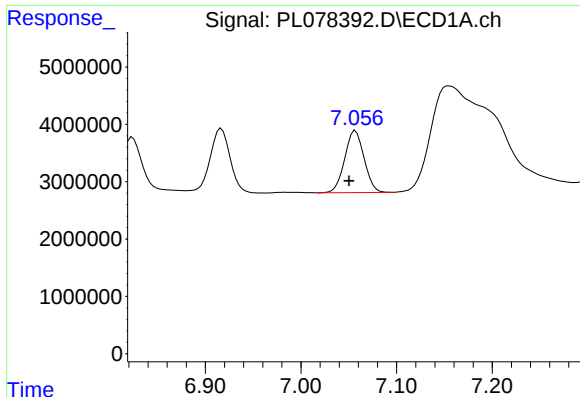
#18 Endrin aldehyde

R.T.: 6.824 min
Delta R.T.: 0.007 min
Response: 12548011
Conc: 10.96 ng/ml



#18 Endrin aldehyde

R.T.: 5.917 min
Delta R.T.: 0.000 min
Response: 22520580
Conc: 12.17 ng/ml m



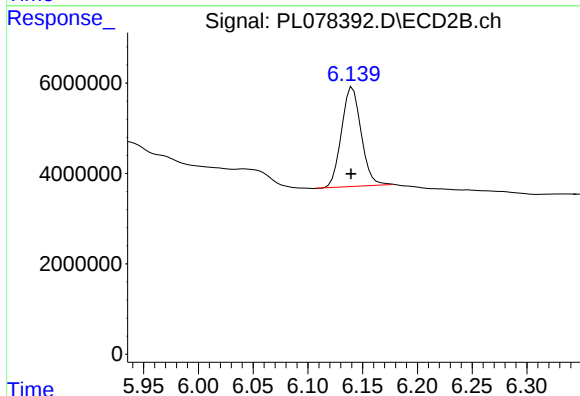
#19 Endosulfan Sulfate

R.T.: 7.057 min
Delta R.T.: 0.007 min
Response: 15275209
Conc: 10.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

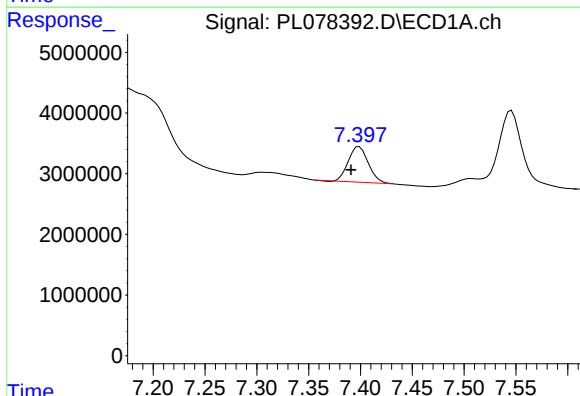
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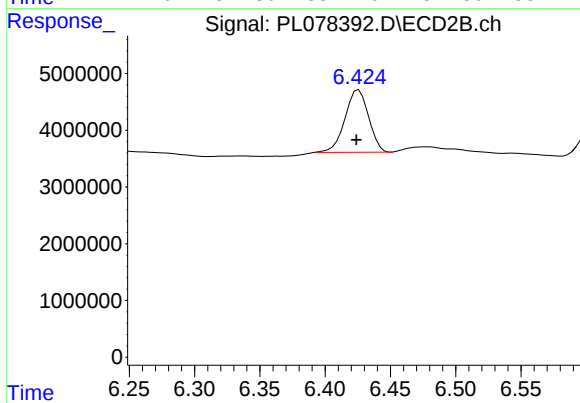
#19 Endosulfan Sulfate

R.T.: 6.139 min
Delta R.T.: 0.000 min
Response: 27446512
Conc: 11.40 ng/ml m



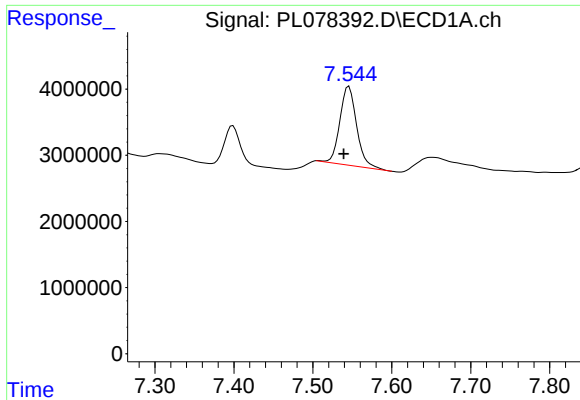
#20 Methoxychlor

R.T.: 7.399 min
Delta R.T.: 0.008 min
Response: 7784514
Conc: 10.27 ng/ml



#20 Methoxychlor

R.T.: 6.426 min
Delta R.T.: 0.002 min
Response: 13842342
Conc: 10.96 ng/ml



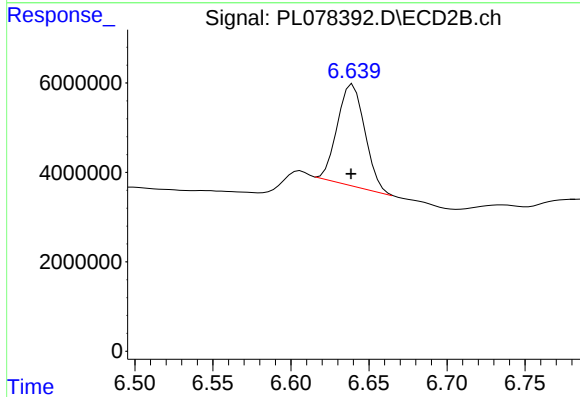
#21 Endrin ketone

R.T.: 7.546 min
Delta R.T.: 0.007 min
Response: 17491445
Conc: 11.21 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

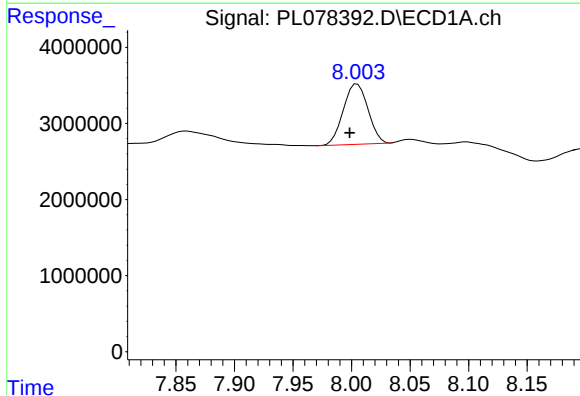
Manual Integrations
APPROVED

Reviewed By :Abdul Mirza 10/18/2022
Supervised By :Ankita Jodhani 10/19/2022



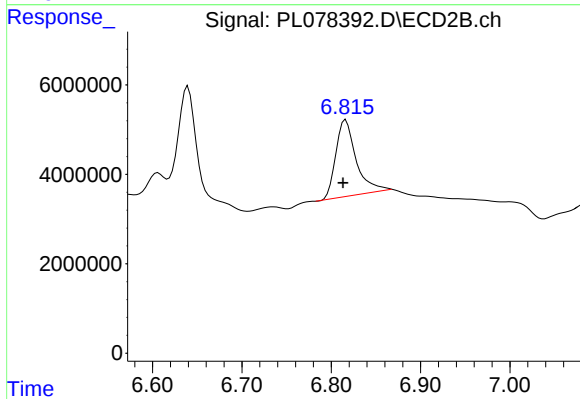
#21 Endrin ketone

R.T.: 6.639 min
Delta R.T.: 0.000 min
Response: 27818410
Conc: 10.50 ng/ml m



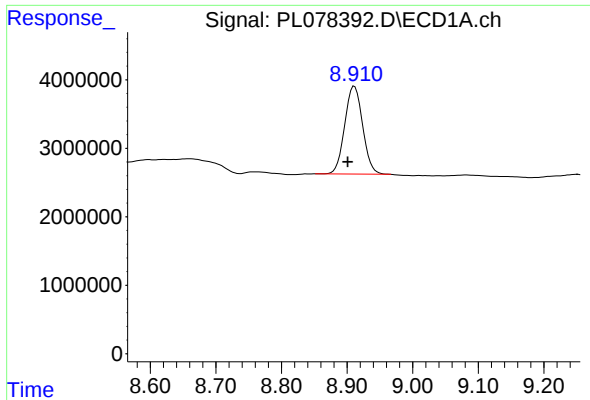
#22 Mirex

R.T.: 8.003 min
Delta R.T.: 0.005 min
Response: 11705435
Conc: 9.91 ng/ml m



#22 Mirex

R.T.: 6.816 min
Delta R.T.: 0.003 min
Response: 27456588
Conc: 14.27 ng/ml



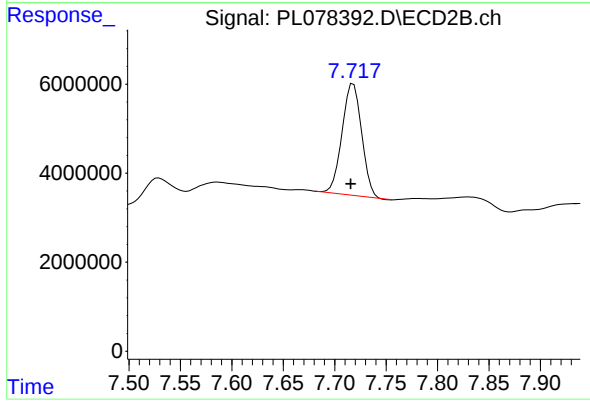
#28 Decachlorobiphenyl

R.T.: 8.911 min
Delta R.T.: 0.010 min
Response: 24413385
Conc: 15.81 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB148346BS

Manual Integrations
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#28 Decachlorobiphenyl

R.T.: 7.718 min
Delta R.T.: 0.003 min
Response: 33411853
Conc: 15.37 ng/ml