

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL021822\
 Data File : PL072788.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 18 Feb 2022 09:10
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

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 21:29:48 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	11398672	41348171	23.673	23.937
28)	SA Decachlor...	10.316	11.384	19241057	42570078	25.416	26.845
Target Compounds							
2)	A alpha-BHC	5.260	6.072	7102123	27141832	10.771	11.334
3)	MA gamma-BHC...	5.683	6.468	6953313	26298768	11.064	11.422
6)	B beta-BHC	6.066	6.729	3775842	13935951	15.238m	13.670
12)	B 4,4'-DDE	7.553	8.493	249817	774461	0.411	0.414
14)	MA Endrin	7.971	8.886	35159405	96899801	60.019	61.499
16)	A 4,4'-DDD	8.139	9.034	1636695	5282122	3.402	3.817
17)	MA 4,4'-DDT	8.399	9.350	73049313	203.1E6	135.759	132.653
18)	B Endrin al...	8.472	9.256	942560	2113491	2.162m	1.878m
20)	A Methoxychlor	8.996	9.838	98456729	245.3E6	280.006	302.952
21)	B Endrin ke...	9.221	9.990	2702809	5781283	3.933	3.628m

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

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Acq On : 18 Feb 2022 09:10
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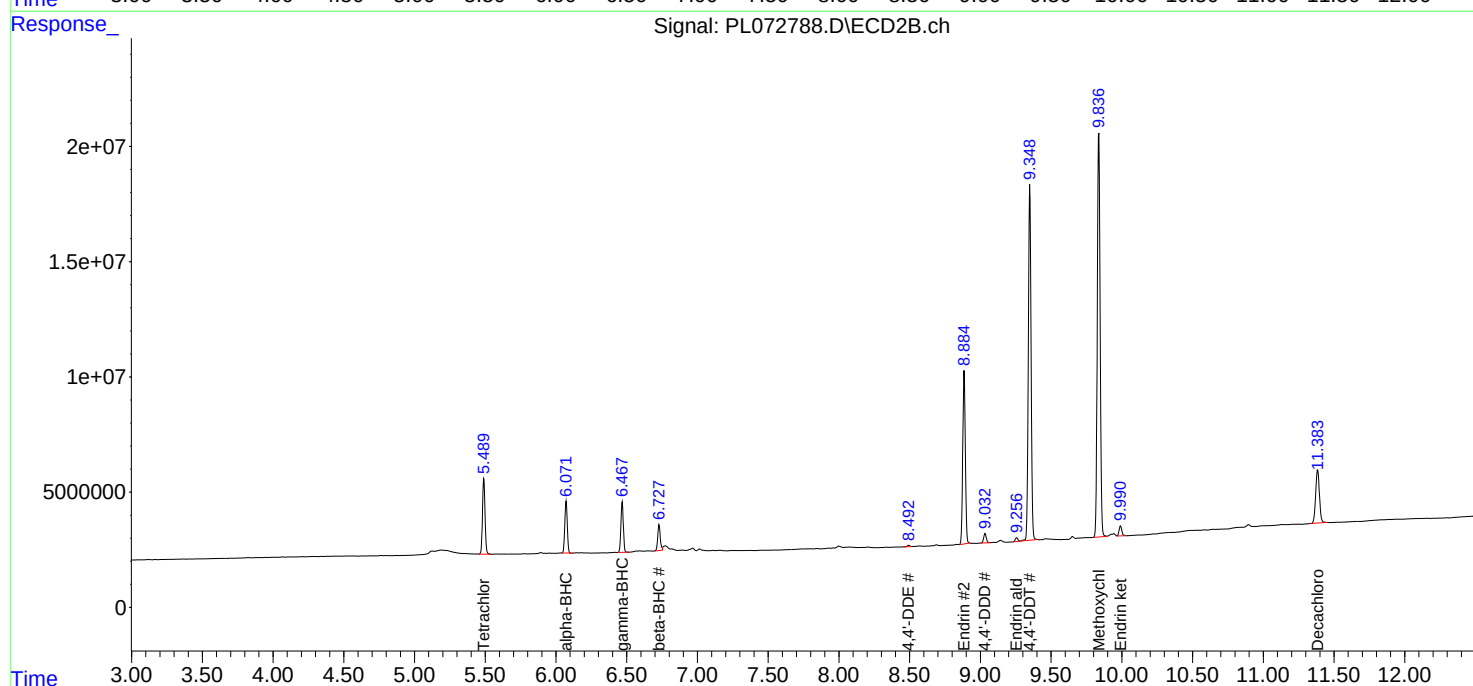
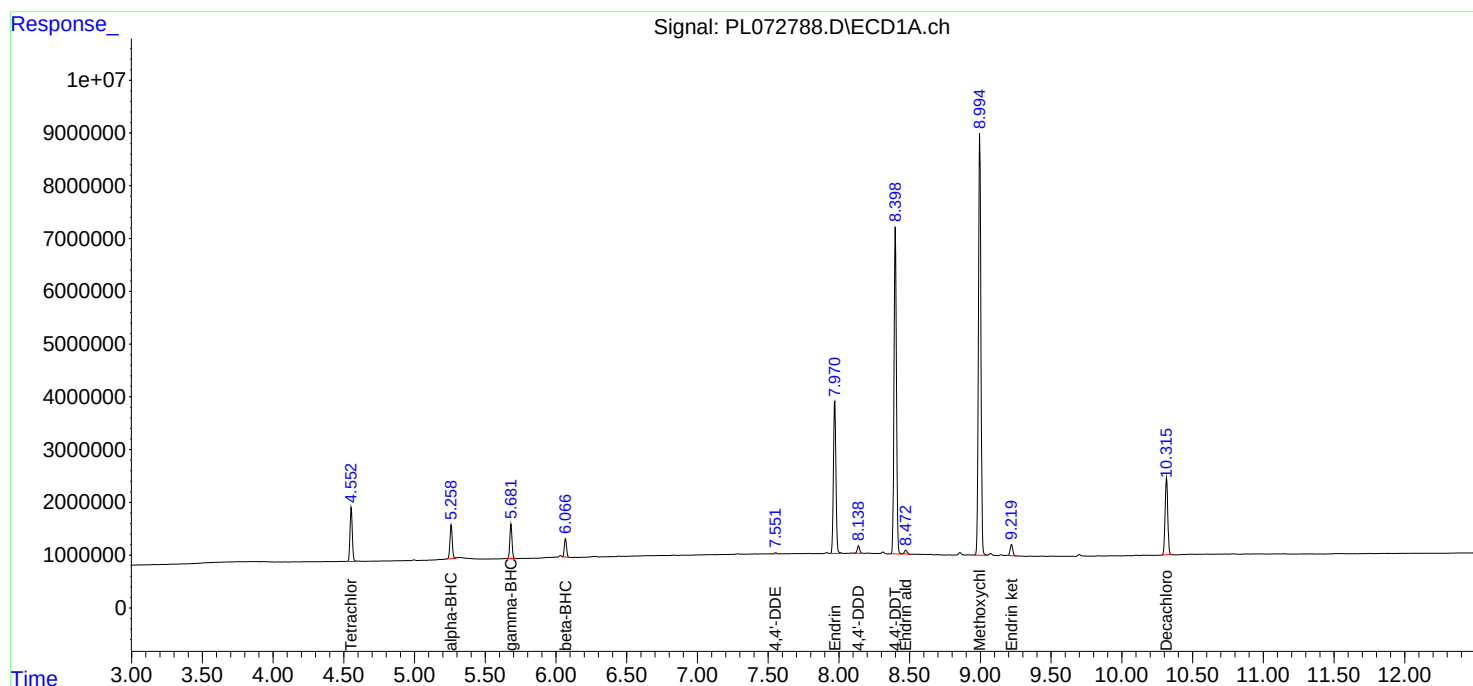
Instrument :
ECD_L
ClientSampleId :
PEM

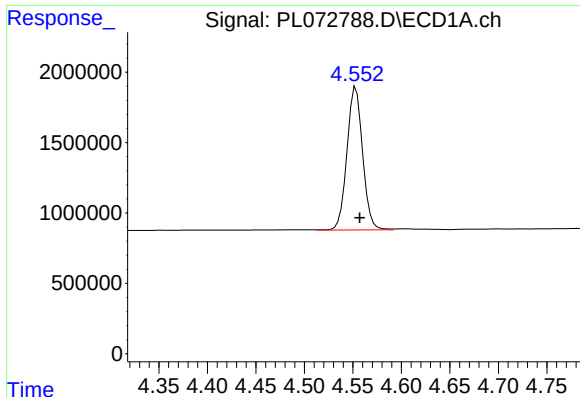
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Integration File signal 1: autoint1.e
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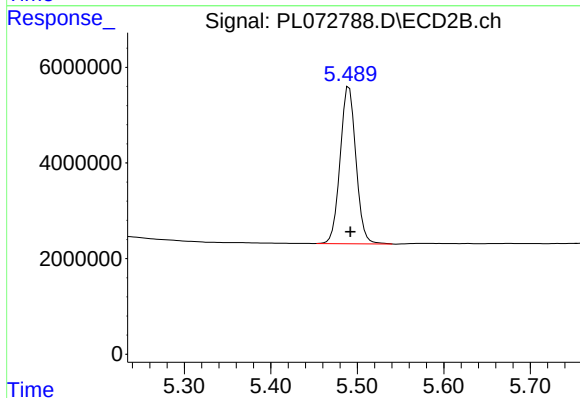
#1 Tetrachloro-m-xylene

R.T.: 4.553 min
Delta R.T.: -0.004 min
Response: 11398672
Conc: 23.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

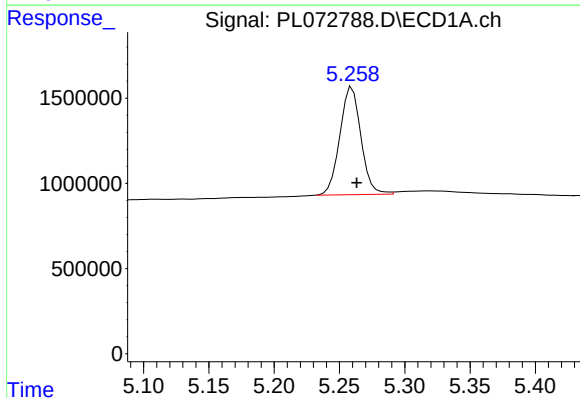
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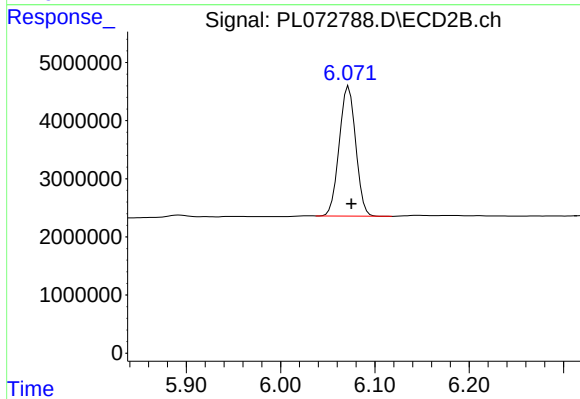
#1 Tetrachloro-m-xylene

R.T.: 5.490 min
Delta R.T.: -0.002 min
Response: 41348171
Conc: 23.94 ng/ml



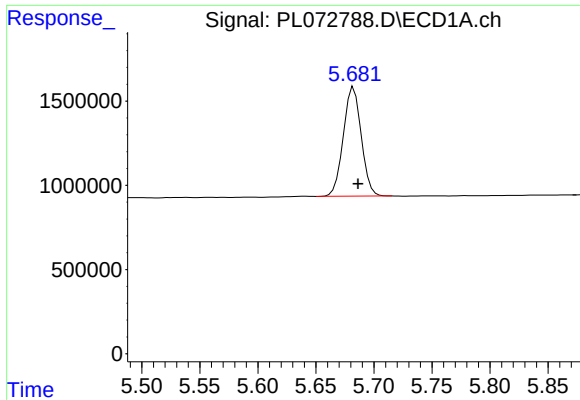
#2 alpha-BHC

R.T.: 5.260 min
Delta R.T.: -0.004 min
Response: 7102123
Conc: 10.77 ng/ml



#2 alpha-BHC

R.T.: 6.072 min
Delta R.T.: -0.003 min
Response: 27141832
Conc: 11.33 ng/ml



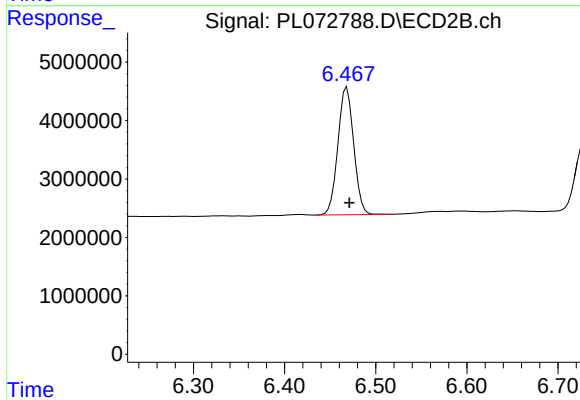
#3 gamma-BHC (Lindane)

R.T.: 5.683 min
Delta R.T.: -0.004 min
Response: 6953313
Conc: 11.06 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

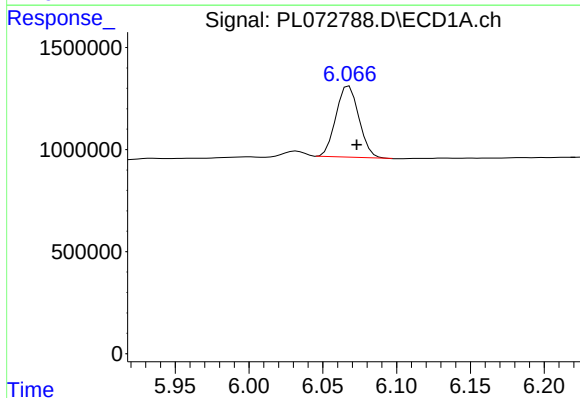
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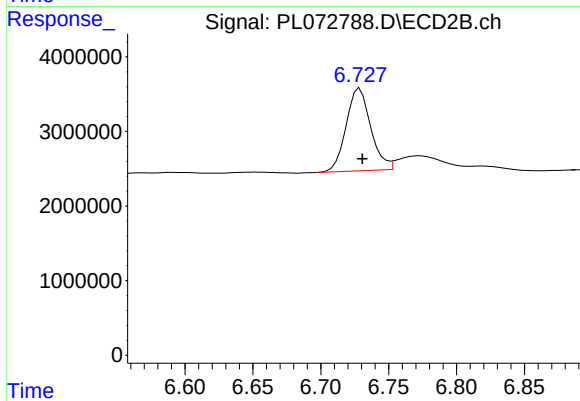
#3 gamma-BHC (Lindane)

R.T.: 6.468 min
Delta R.T.: -0.003 min
Response: 26298768
Conc: 11.42 ng/ml



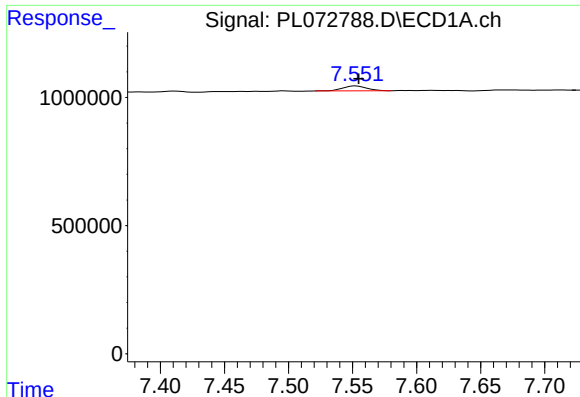
#6 beta-BHC

R.T.: 6.066 min
Delta R.T.: -0.007 min
Response: 3775842
Conc: 15.24 ng/ml m



#6 beta-BHC

R.T.: 6.729 min
Delta R.T.: -0.002 min
Response: 13935951
Conc: 13.67 ng/ml



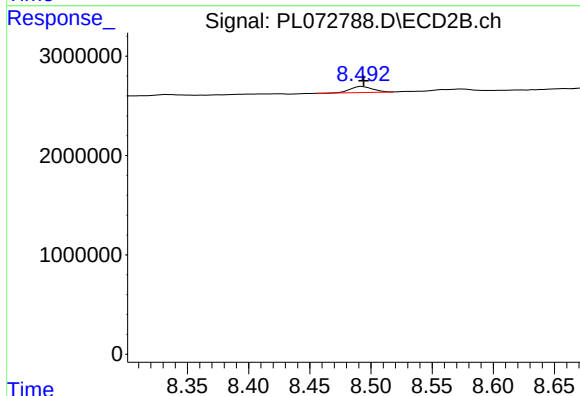
#12 4,4'-DDE

R.T.: 7.553 min
Delta R.T.: -0.002 min
Response: 249817
Conc: 0.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

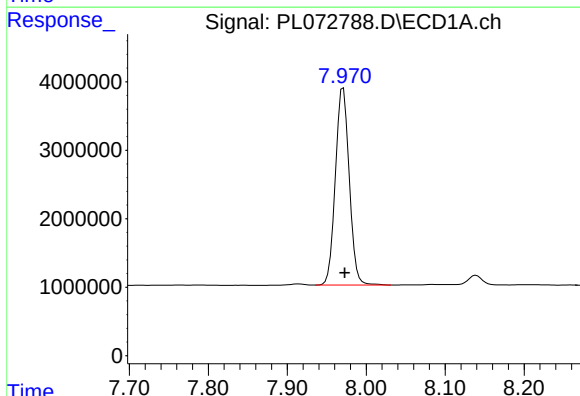
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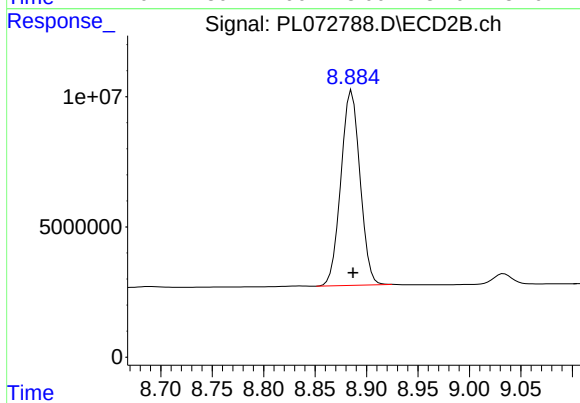
#12 4,4'-DDE

R.T.: 8.493 min
Delta R.T.: -0.001 min
Response: 774461
Conc: 0.41 ng/ml



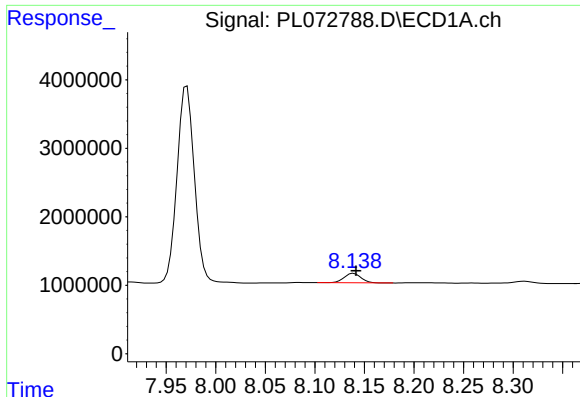
#14 Endrin

R.T.: 7.971 min
Delta R.T.: -0.002 min
Response: 35159405
Conc: 60.02 ng/ml



#14 Endrin

R.T.: 8.886 min
Delta R.T.: -0.001 min
Response: 96899801
Conc: 61.50 ng/ml



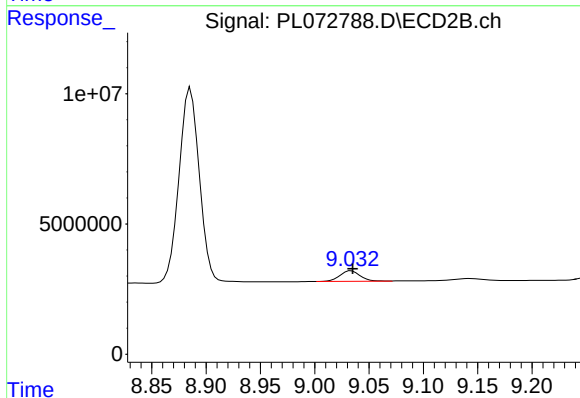
#16 4,4'-DDD

R.T.: 8.139 min
Delta R.T.: -0.002 min
Response: 1636695
Conc: 3.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

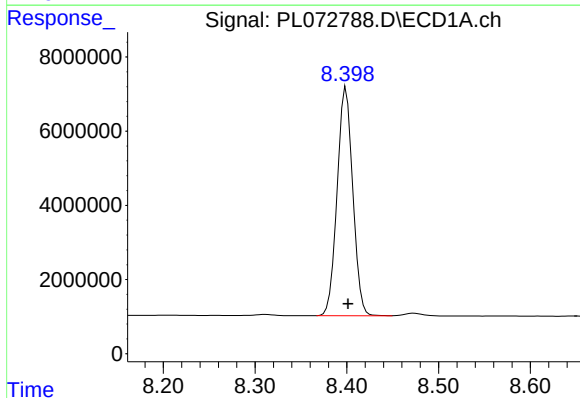
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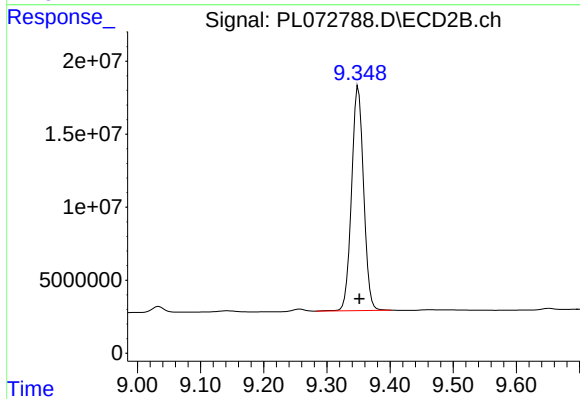
#16 4,4'-DDD

R.T.: 9.034 min
Delta R.T.: -0.001 min
Response: 5282122
Conc: 3.82 ng/ml



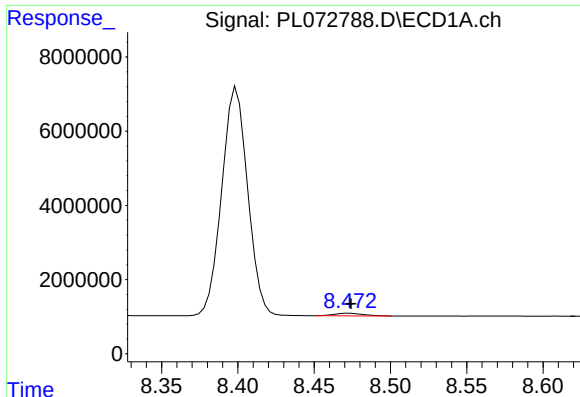
#17 4,4'-DDT

R.T.: 8.399 min
Delta R.T.: -0.002 min
Response: 73049313
Conc: 135.76 ng/ml



#17 4,4'-DDT

R.T.: 9.350 min
Delta R.T.: -0.002 min
Response: 203072450
Conc: 132.65 ng/ml



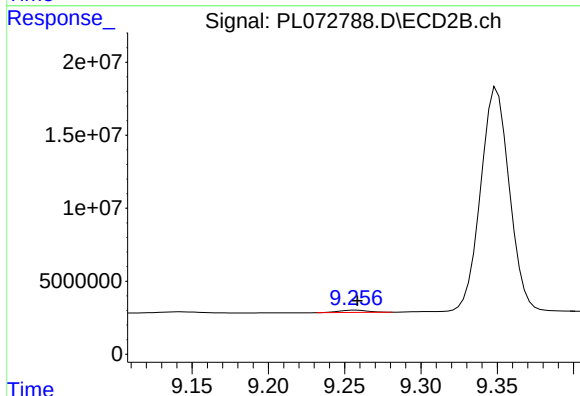
#18 Endrin aldehyde

R.T.: 8.472 min
Delta R.T.: -0.002 min
Response: 942560
Conc: 2.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

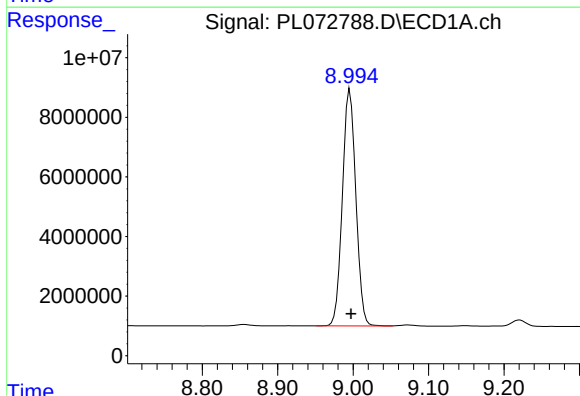
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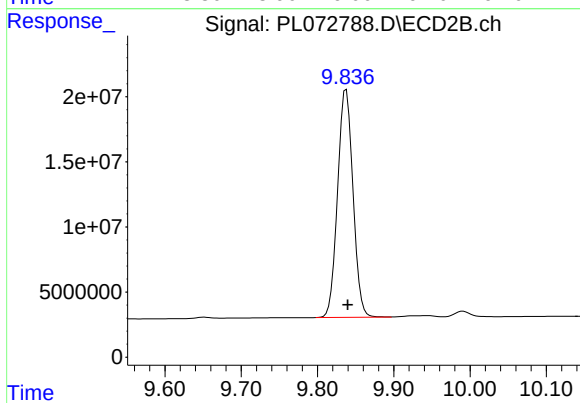
#18 Endrin aldehyde

R.T.: 9.256 min
Delta R.T.: -0.003 min
Response: 2113491
Conc: 1.88 ng/ml m



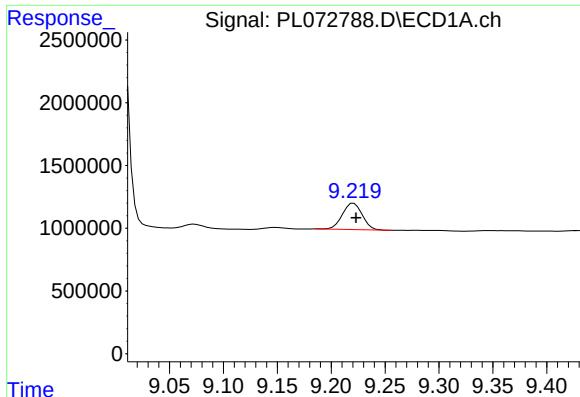
#20 Methoxychlor

R.T.: 8.996 min
Delta R.T.: -0.002 min
Response: 98456729
Conc: 280.01 ng/ml



#20 Methoxychlor

R.T.: 9.838 min
Delta R.T.: -0.002 min
Response: 245285971
Conc: 302.95 ng/ml



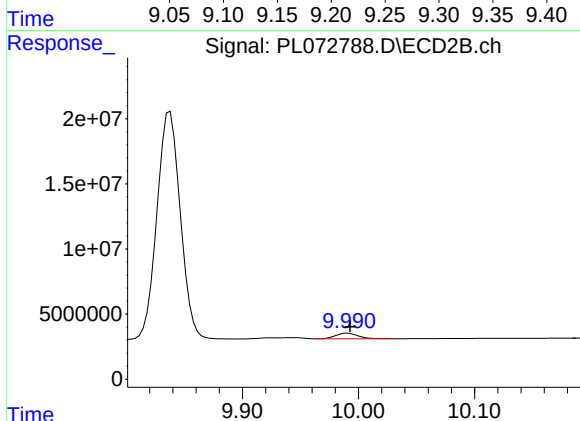
#21 Endrin ketone

R.T.: 9.221 min
Delta R.T.: -0.002 min
Response: 2702809
Conc: 3.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

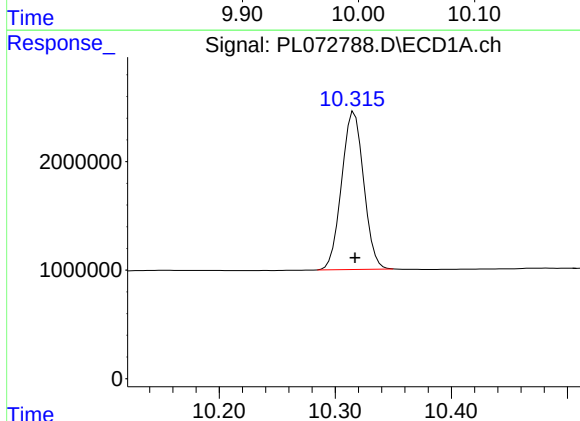
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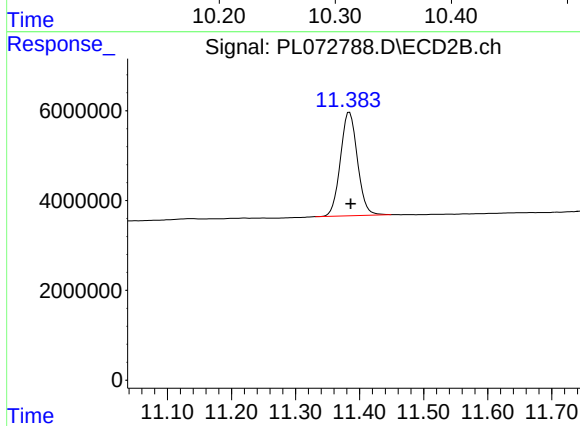
#21 Endrin ketone

R.T.: 9.990 min
Delta R.T.: -0.003 min
Response: 5781283
Conc: 3.63 ng/ml m



#28 Decachlorobiphenyl

R.T.: 10.316 min
Delta R.T.: 0.000 min
Response: 19241057
Conc: 25.42 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.384 min
Delta R.T.: -0.002 min
Response: 42570078
Conc: 26.84 ng/ml