

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL060822\
 Data File : PL075628.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 08 Jun 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 06/09/2022
 Supervised By : Ankita Jodhani 06/09/2022

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 08 23:23:39 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL060622.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 07 02:04:29 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...	5.642	4.639	14387416	32585001	21.318	19.417
28)	SA Decachlor...	11.638	10.383	13685177	27302202	22.353	19.378
Target Compounds							
2)	A alpha-BHC	6.226	5.340	9033013	20115502	9.610	8.884
3)	MA gamma-BHC...	6.624	5.761	8651316	19846148	9.856	9.152
6)	B beta-BHC	6.876	6.138	4286362	10288045	10.444	10.481m
12)	B 4,4'-DDE	8.658	7.623	158688	282177	0.240m	0.176m#
14)	MA Endrin	9.061	8.044	30958247	67626971	52.214	49.467
16)	A 4,4'-DDD	9.201	8.208	1054118	2617751	1.927	1.991
17)	MA 4,4'-DDT	9.521	8.469	59193199	128.9E6	92.405	91.695
18)	B Endrin al...	9.428	8.542	634205	1070947	1.238m	0.951m
20)	A Methoxychlor	10.006	9.061	81995660	169.2E6	229.056	207.679
21)	B Endrin ke...	10.172	9.289	1760277	3158640	2.503	1.957

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

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Operator : AR\AJ
Sample : PEM
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ALS Vial : 3 Sample Multiplier: 1

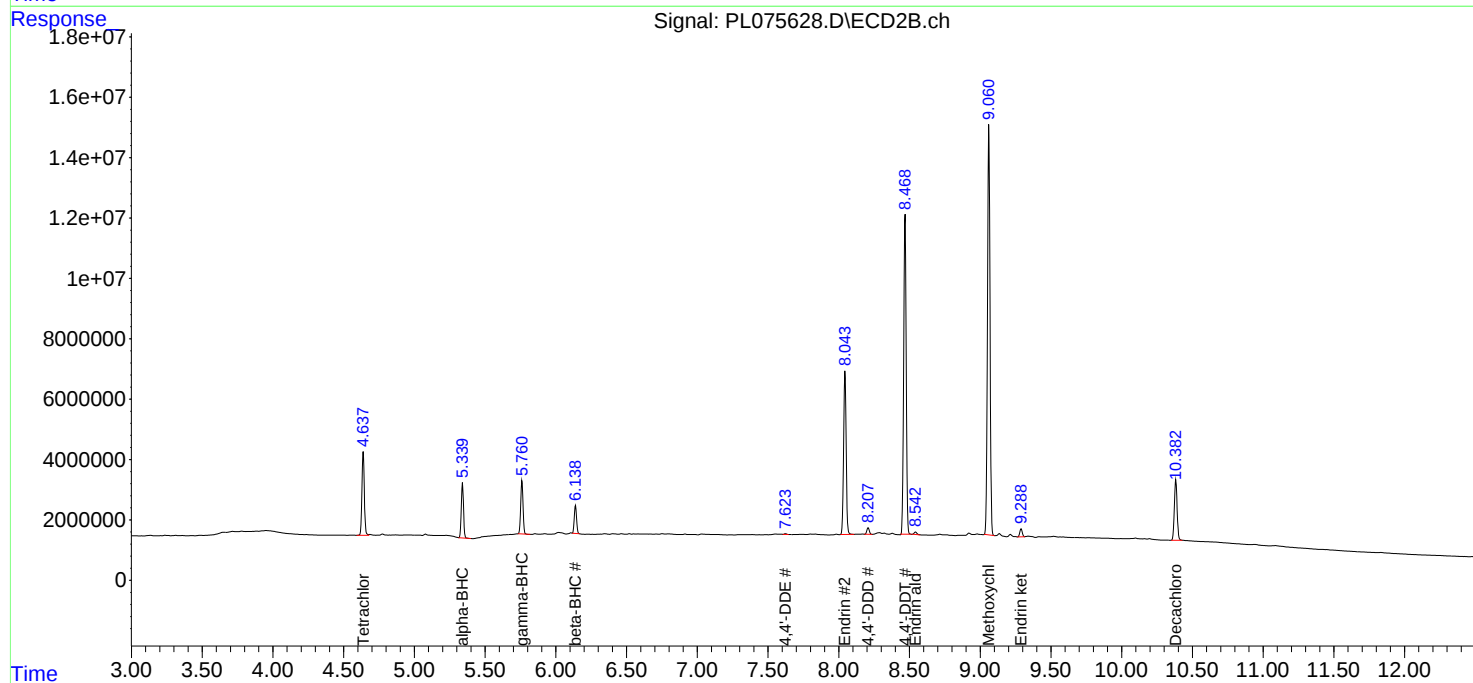
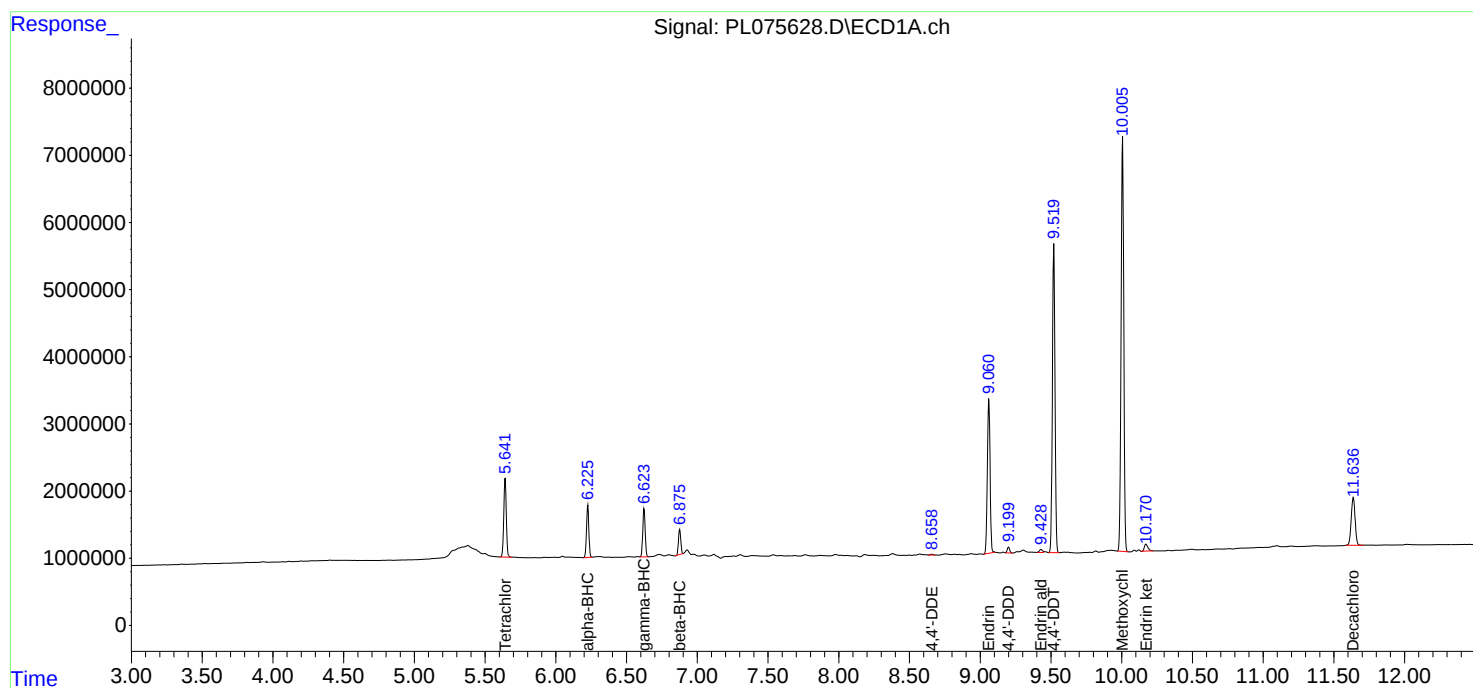
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ECD_L
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PEM

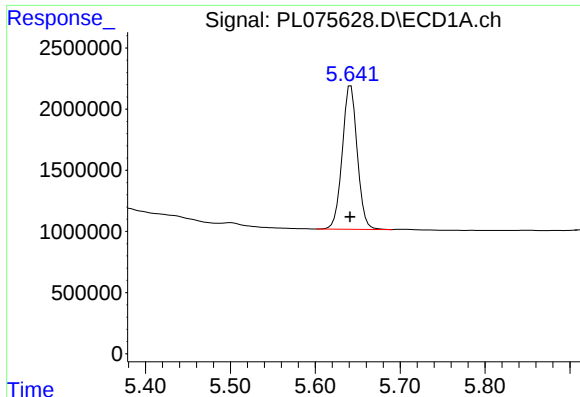
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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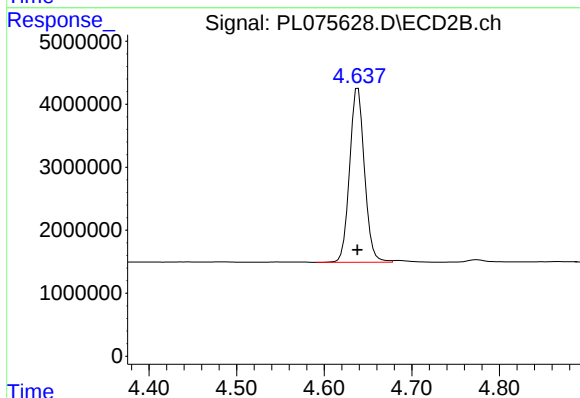
#1 Tetrachloro-m-xylene

R.T.: 5.642 min
Delta R.T.: 0.000 min
Response: 14387416
Conc: 21.32 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

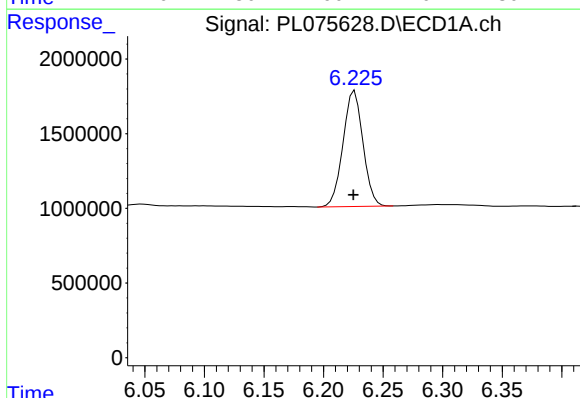
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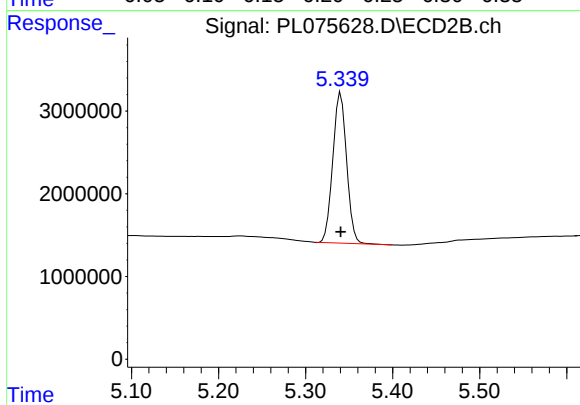
#1 Tetrachloro-m-xylene

R.T.: 4.639 min
Delta R.T.: 0.000 min
Response: 32585001
Conc: 19.42 ng/ml



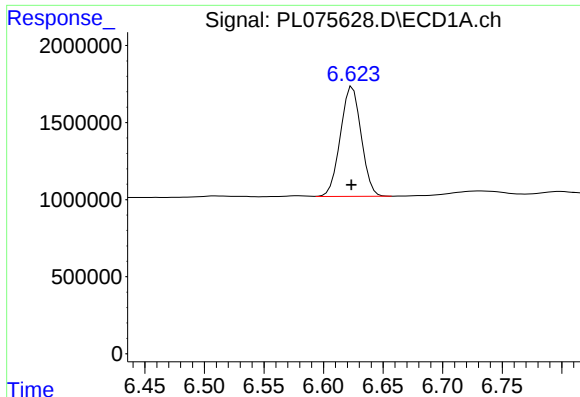
#2 alpha-BHC

R.T.: 6.226 min
Delta R.T.: 0.001 min
Response: 9033013
Conc: 9.61 ng/ml



#2 alpha-BHC

R.T.: 5.340 min
Delta R.T.: 0.000 min
Response: 20115502
Conc: 8.88 ng/ml



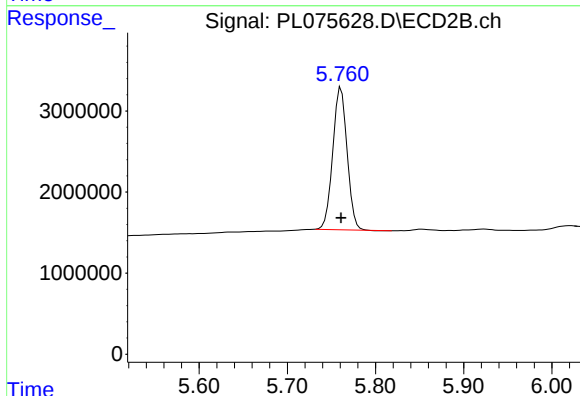
#3 gamma-BHC (Lindane)

R.T.: 6.624 min
Delta R.T.: 0.000 min
Response: 8651316
Conc: 9.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

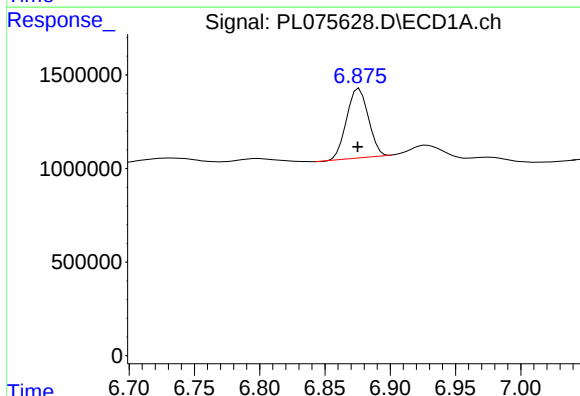
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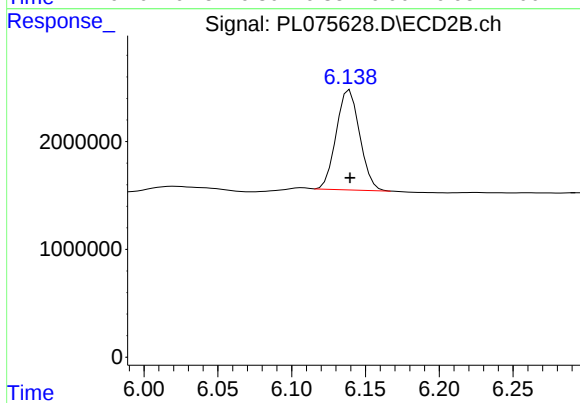
#3 gamma-BHC (Lindane)

R.T.: 5.761 min
Delta R.T.: 0.000 min
Response: 19846148
Conc: 9.15 ng/ml



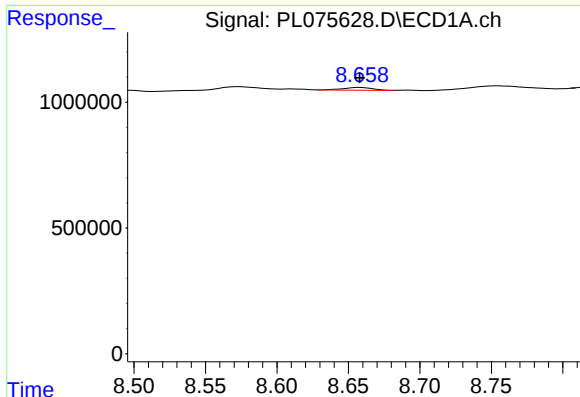
#6 beta-BHC

R.T.: 6.876 min
Delta R.T.: 0.000 min
Response: 4286362
Conc: 10.44 ng/ml



#6 beta-BHC

R.T.: 6.138 min
Delta R.T.: -0.002 min
Response: 10288045
Conc: 10.48 ng/ml m



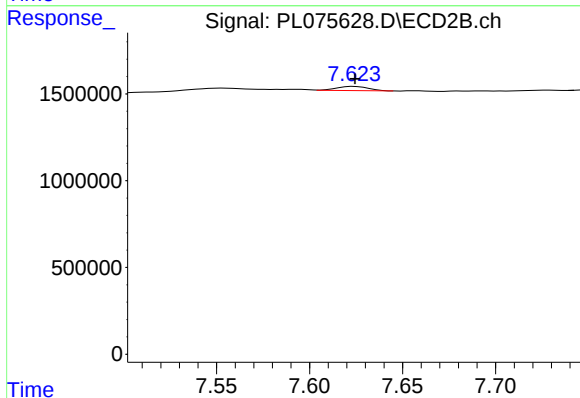
#12 4,4'-DDE

R.T.: 8.658 min
Delta R.T.: 0.000 min
Response: 158688
Conc: 0.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

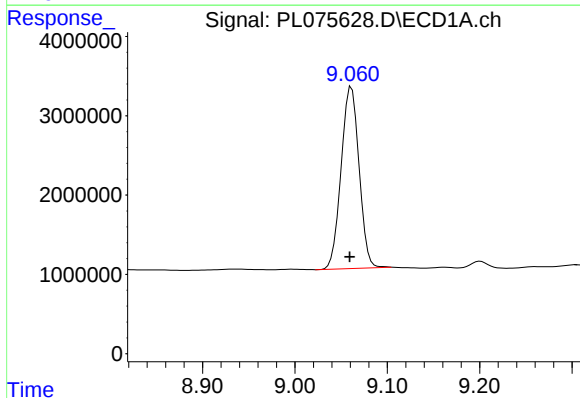
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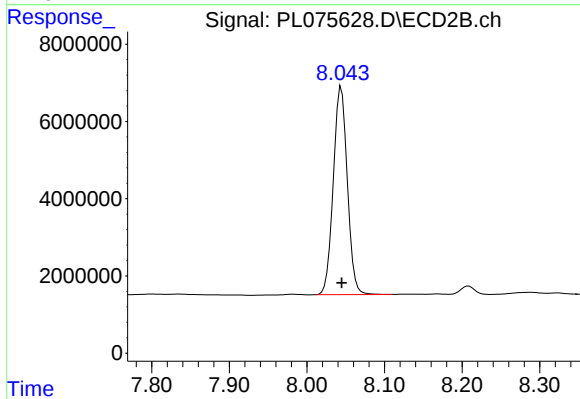
#12 4,4'-DDE

R.T.: 7.623 min
Delta R.T.: -0.002 min
Response: 282177
Conc: 0.18 ng/ml m



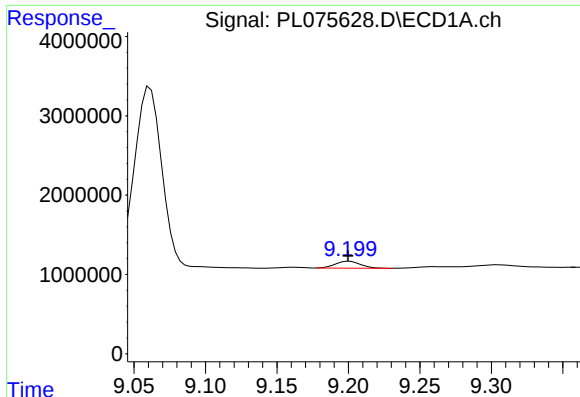
#14 Endrin

R.T.: 9.061 min
Delta R.T.: 0.002 min
Response: 30958247
Conc: 52.21 ng/ml



#14 Endrin

R.T.: 8.044 min
Delta R.T.: 0.000 min
Response: 67626971
Conc: 49.47 ng/ml



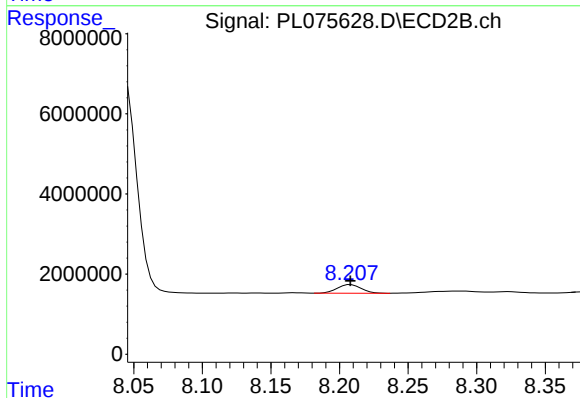
#16 4,4'-DDD

R.T.: 9.201 min
Delta R.T.: 0.001 min
Response: 1054118
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

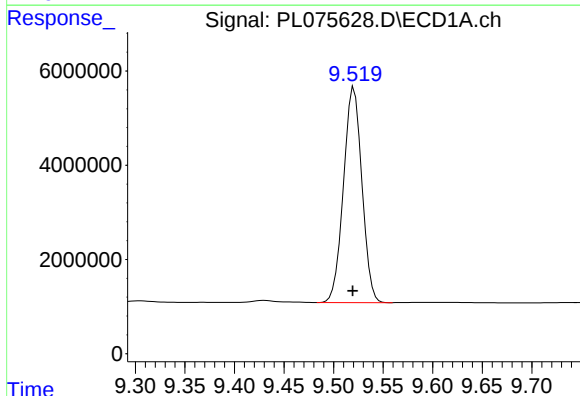
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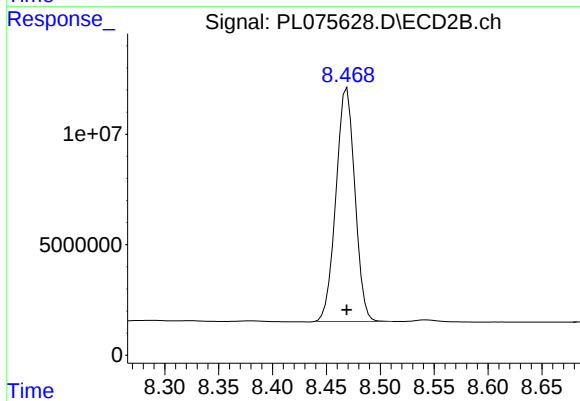
#16 4,4'-DDD

R.T.: 8.208 min
Delta R.T.: 0.000 min
Response: 2617751
Conc: 1.99 ng/ml



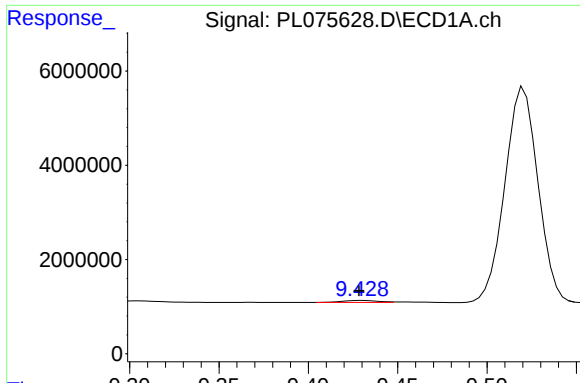
#17 4,4'-DDT

R.T.: 9.521 min
Delta R.T.: 0.001 min
Response: 59193199
Conc: 92.41 ng/ml



#17 4,4'-DDT

R.T.: 8.469 min
Delta R.T.: 0.000 min
Response: 128902390
Conc: 91.70 ng/ml



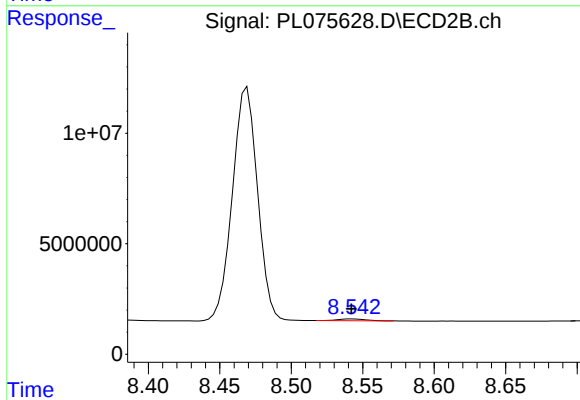
#18 Endrin aldehyde

R.T.: 9.428 min
Delta R.T.: 0.000 min
Response: 634205
Conc: 1.24 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

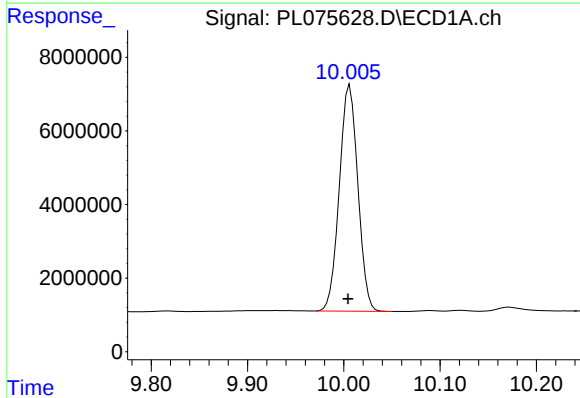
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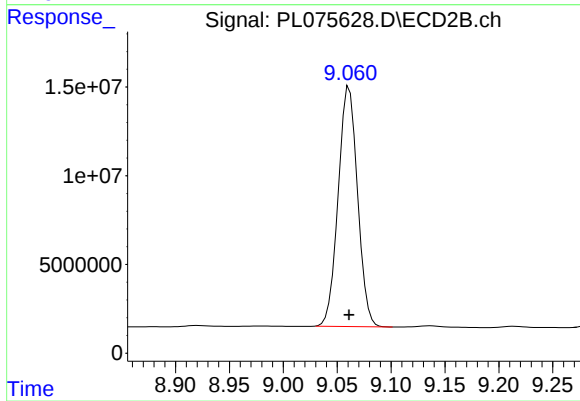
#18 Endrin aldehyde

R.T.: 8.542 min
Delta R.T.: 0.000 min
Response: 1070947
Conc: 0.95 ng/ml m



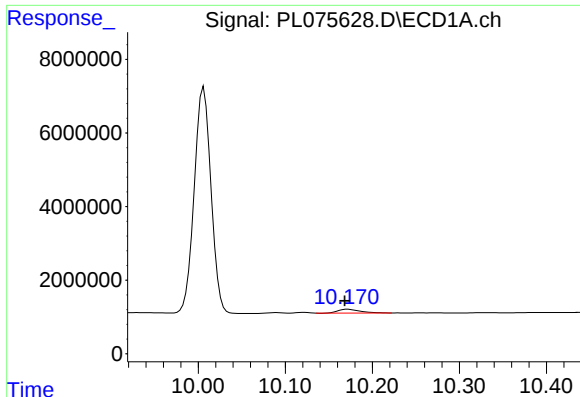
#20 Methoxychlor

R.T.: 10.006 min
Delta R.T.: 0.002 min
Response: 81995660
Conc: 229.06 ng/ml



#20 Methoxychlor

R.T.: 9.061 min
Delta R.T.: 0.000 min
Response: 169185124
Conc: 207.68 ng/ml



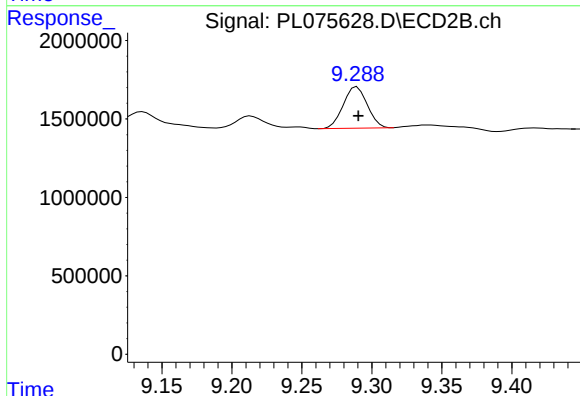
#21 Endrin ketone

R.T.: 10.172 min
Delta R.T.: 0.004 min
Response: 1760277
Conc: 2.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

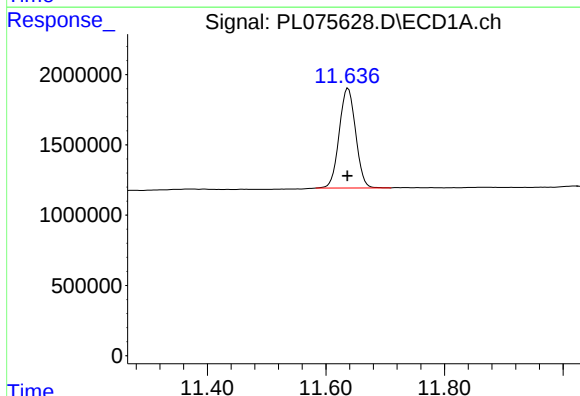
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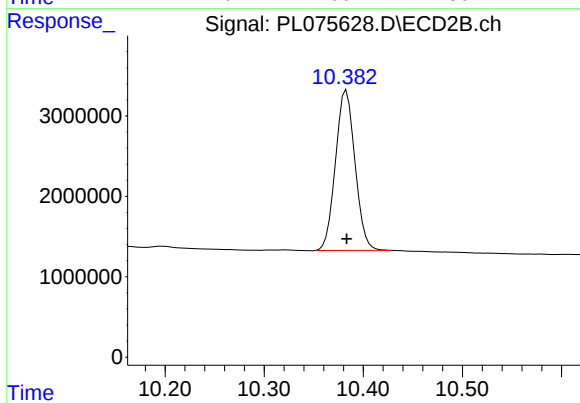
#21 Endrin ketone

R.T.: 9.289 min
Delta R.T.: 0.000 min
Response: 3158640
Conc: 1.96 ng/ml



#28 Decachlorobiphenyl

R.T.: 11.638 min
Delta R.T.: 0.001 min
Response: 13685177
Conc: 22.35 ng/ml



#28 Decachlorobiphenyl

R.T.: 10.383 min
Delta R.T.: 0.000 min
Response: 27302202
Conc: 19.38 ng/ml