

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL010623\
 Data File : PL080139.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 06 Jan 2023 08:42
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/09/2023
 Supervised By : Ankita Jodhani 01/09/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 06 20:49:43 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL010423.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 05 05:11:24 2023
 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...	3.373	2.694	41029539	41957550	20.627	18.452
28)	SA Decachlor...	8.891	7.847	36164246	43751473	21.078	19.365
Target Compounds							
2)	A alpha-BHC	3.825	3.195	27562421	27060773	9.647	8.080
3)	MA gamma-BHC...	4.155	3.524	21294442	26523433	10.835	8.649
6)	B beta-BHC	4.354	3.819	9694881	12369916	10.591	9.220
14)	MA Endrin	6.407	5.558	72492051	100.7E6	47.269	44.750
16)	A 4,4'-DDD	6.557	5.710	4684438	4288053	3.559m	2.324 #
17)	MA 4,4'-DDT	6.876	5.963	147.9E6	202.1E6	98.963	99.241
18)	B Endrin al...	6.763	6.032	1904402	2699670	1.567	1.538m
20)	A Methoxychlor	7.369	6.542	214.1E6	269.2E6	240.729	234.924
21)	B Endrin ke...	7.484	6.758	5497807	6403350	3.089	2.628m

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

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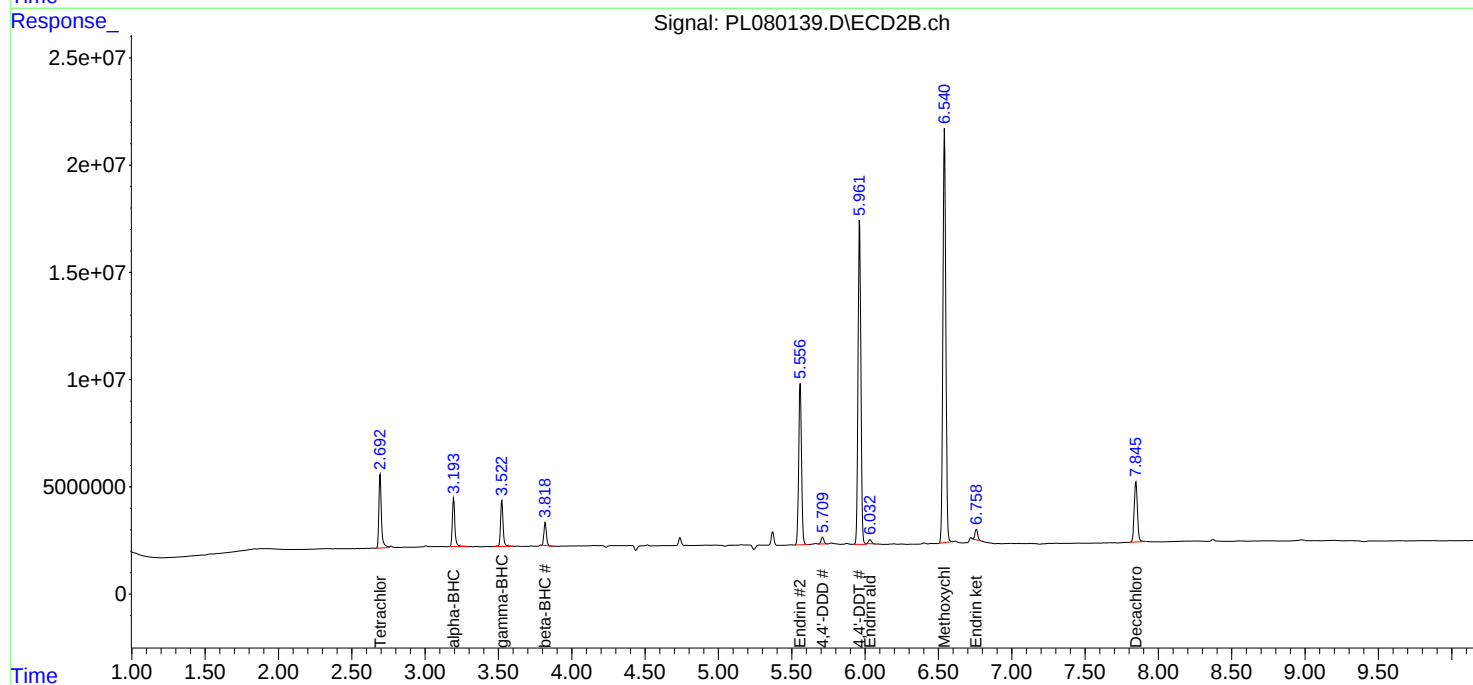
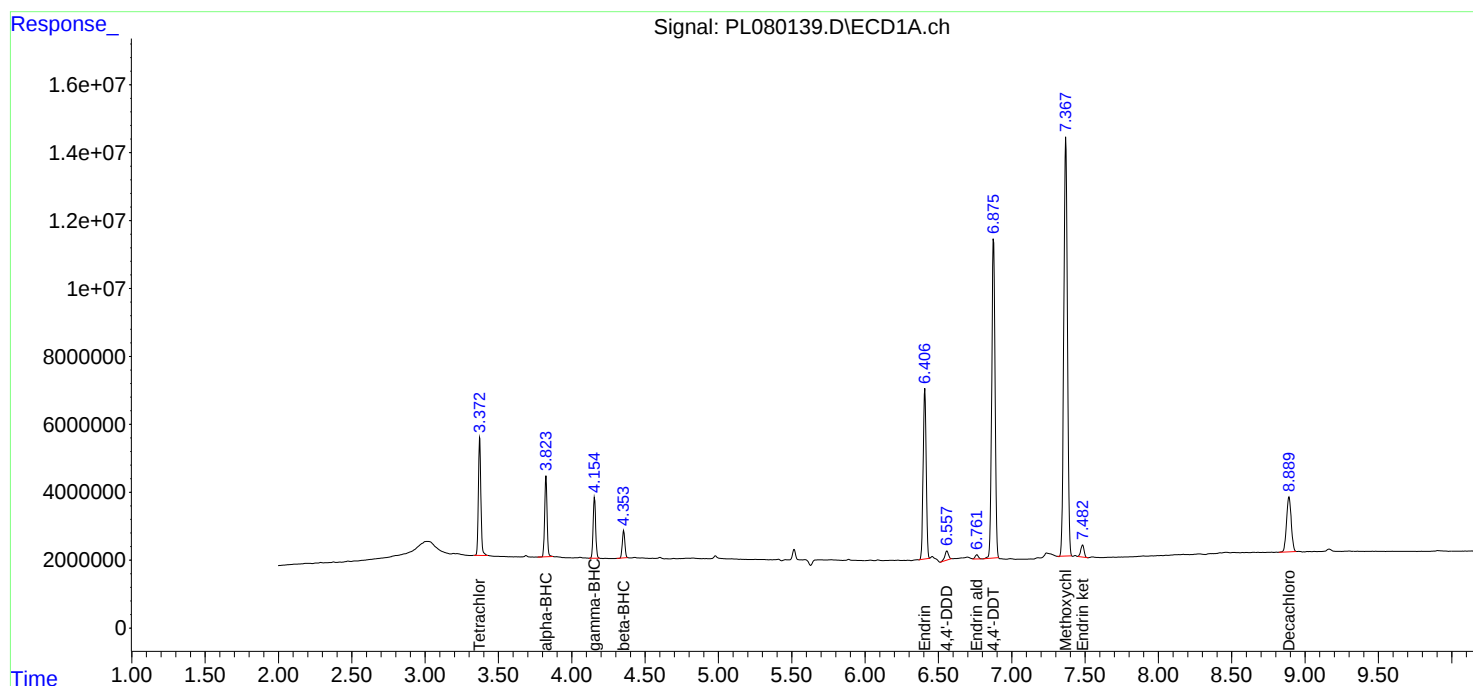
Instrument :
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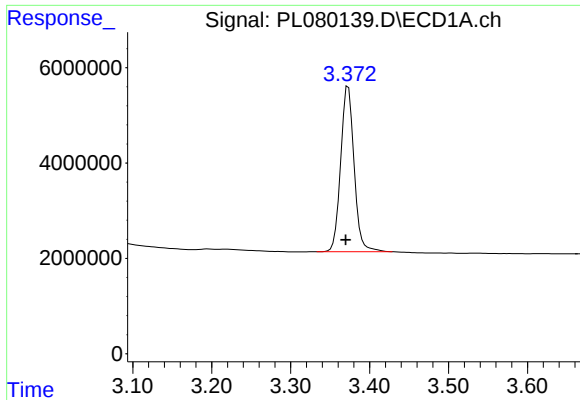
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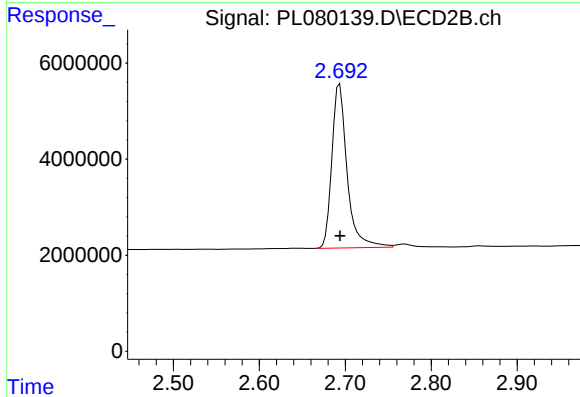
#1 Tetrachloro-m-xylene

R.T.: 3.373 min
Delta R.T.: 0.003 min
Response: 41029539
Conc: 20.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

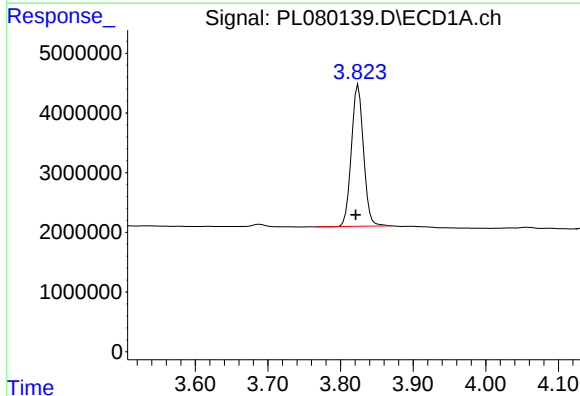
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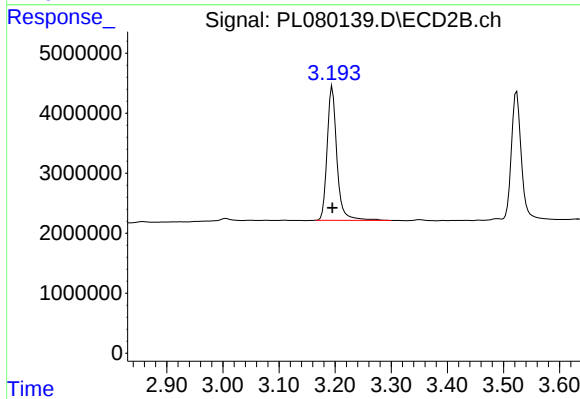
#1 Tetrachloro-m-xylene

R.T.: 2.694 min
Delta R.T.: 0.000 min
Response: 41957550
Conc: 18.45 ng/ml



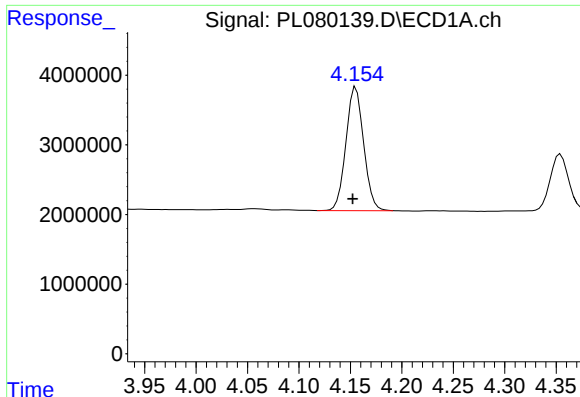
#2 alpha-BHC

R.T.: 3.825 min
Delta R.T.: 0.003 min
Response: 27562421
Conc: 9.65 ng/ml



#2 alpha-BHC

R.T.: 3.195 min
Delta R.T.: 0.000 min
Response: 27060773
Conc: 8.08 ng/ml



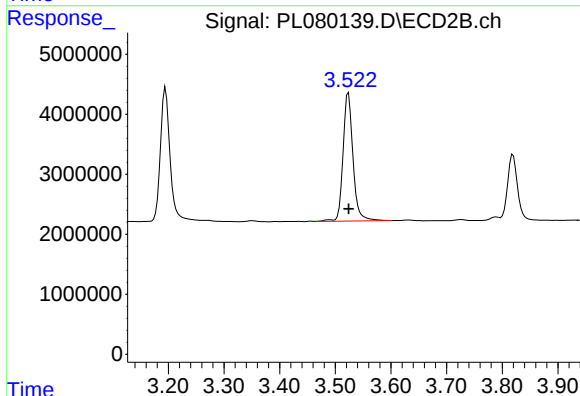
#3 gamma-BHC (Lindane)

R.T.: 4.155 min
Delta R.T.: 0.003 min
Response: 21294442
Conc: 10.84 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

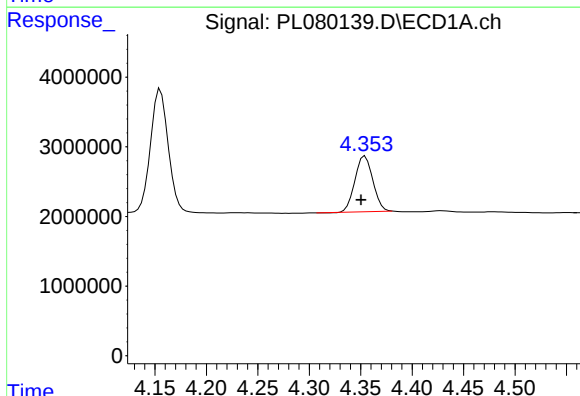
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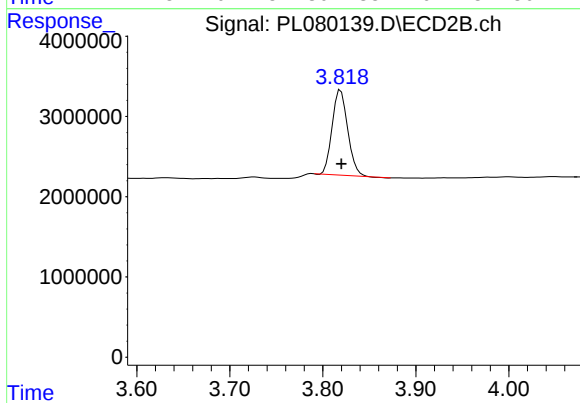
#3 gamma-BHC (Lindane)

R.T.: 3.524 min
Delta R.T.: 0.000 min
Response: 26523433
Conc: 8.65 ng/ml



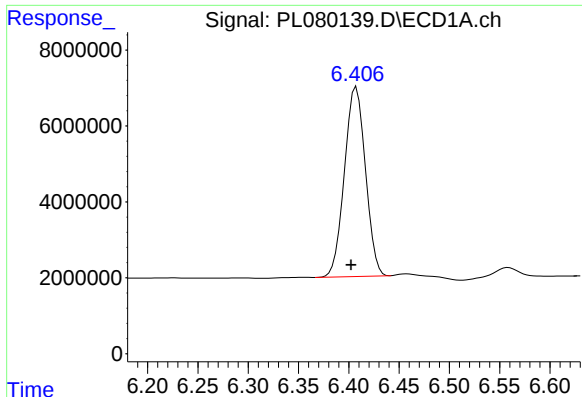
#6 beta-BHC

R.T.: 4.354 min
Delta R.T.: 0.004 min
Response: 9694881
Conc: 10.59 ng/ml



#6 beta-BHC

R.T.: 3.819 min
Delta R.T.: 0.000 min
Response: 12369916
Conc: 9.22 ng/ml



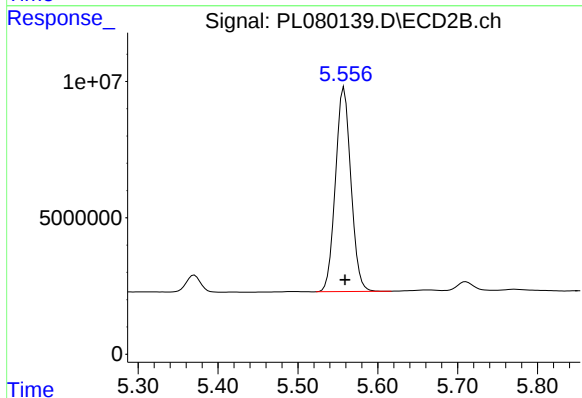
#14 Endrin

R.T.: 6.407 min
Delta R.T.: 0.005 min
Response: 72492051
Conc: 47.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

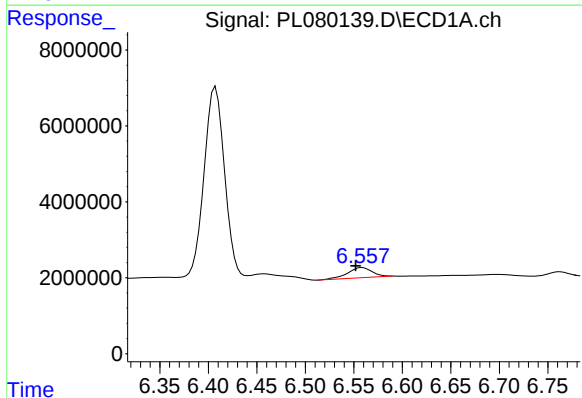
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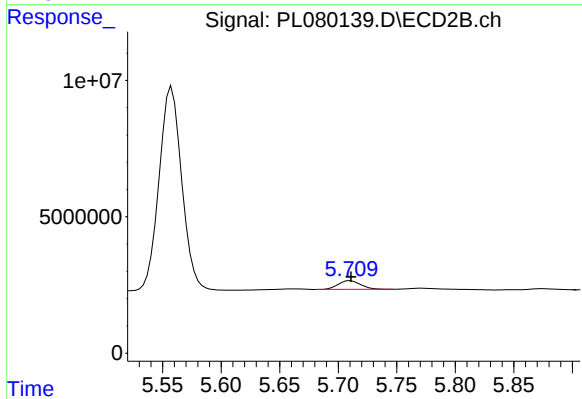
#14 Endrin

R.T.: 5.558 min
Delta R.T.: -0.001 min
Response: 100710766
Conc: 44.75 ng/ml



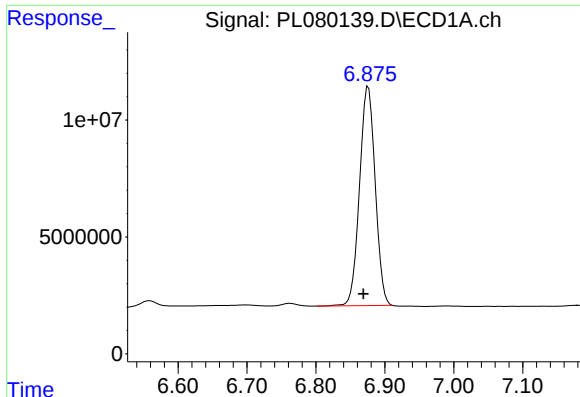
#16 4,4'-DDD

R.T.: 6.557 min
Delta R.T.: 0.005 min
Response: 4684438
Conc: 3.56 ng/ml m



#16 4,4'-DDD

R.T.: 5.710 min
Delta R.T.: 0.000 min
Response: 4288053
Conc: 2.32 ng/ml



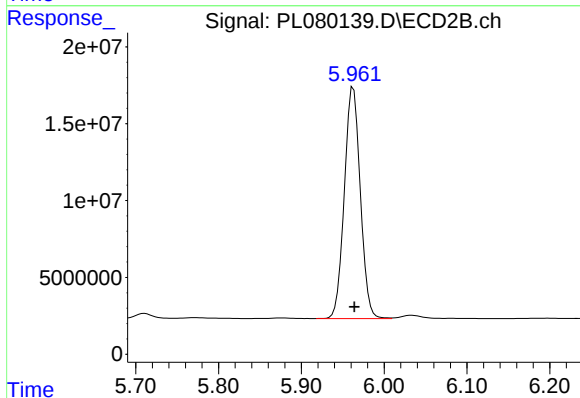
#17 4,4'-DDT

R.T.: 6.876 min
Delta R.T.: 0.007 min
Response: 147946423
Conc: 98.96 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

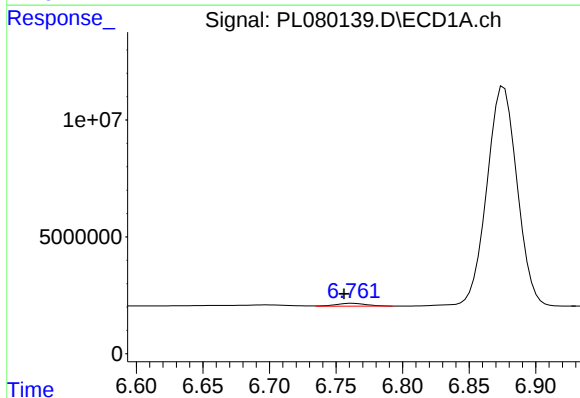
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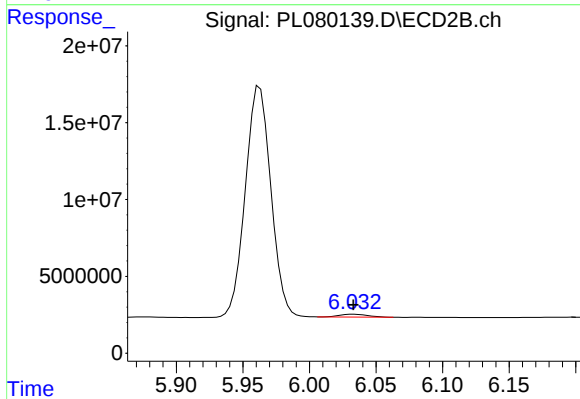
#17 4,4'-DDT

R.T.: 5.963 min
Delta R.T.: -0.001 min
Response: 202075024
Conc: 99.24 ng/ml



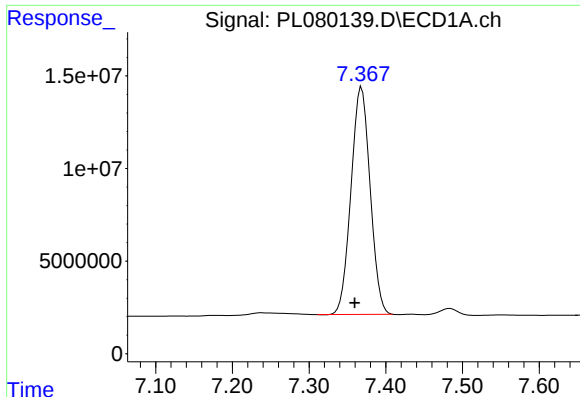
#18 Endrin aldehyde

R.T.: 6.763 min
Delta R.T.: 0.007 min
Response: 1904402
Conc: 1.57 ng/ml



#18 Endrin aldehyde

R.T.: 6.032 min
Delta R.T.: 0.000 min
Response: 2699670
Conc: 1.54 ng/ml m



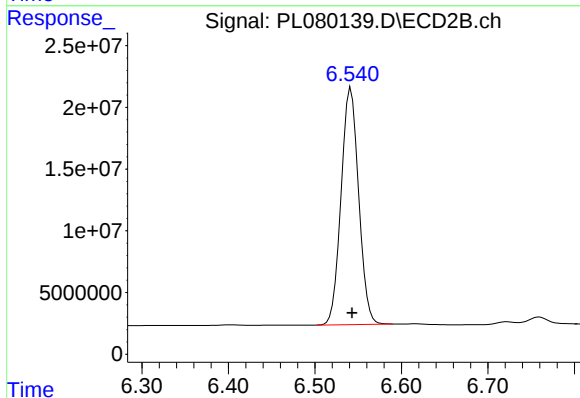
#20 Methoxychlor

R.T.: 7.369 min
Delta R.T.: 0.009 min
Response: 214070804
Conc: 240.73 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

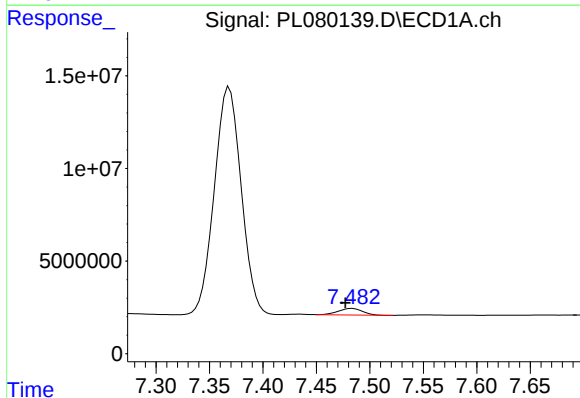
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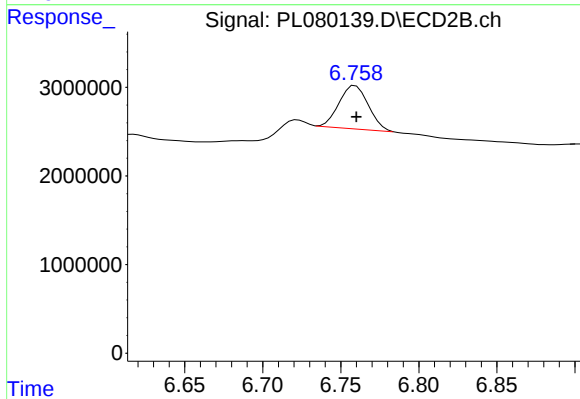
#20 Methoxychlor

R.T.: 6.542 min
Delta R.T.: -0.001 min
Response: 269240509
Conc: 234.92 ng/ml



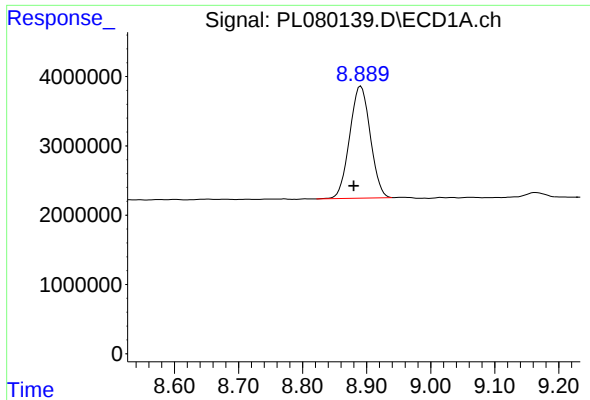
#21 Endrin ketone

R.T.: 7.484 min
Delta R.T.: 0.006 min
Response: 5497807
Conc: 3.09 ng/ml



#21 Endrin ketone

R.T.: 6.758 min
Delta R.T.: -0.002 min
Response: 6403350
Conc: 2.63 ng/ml m



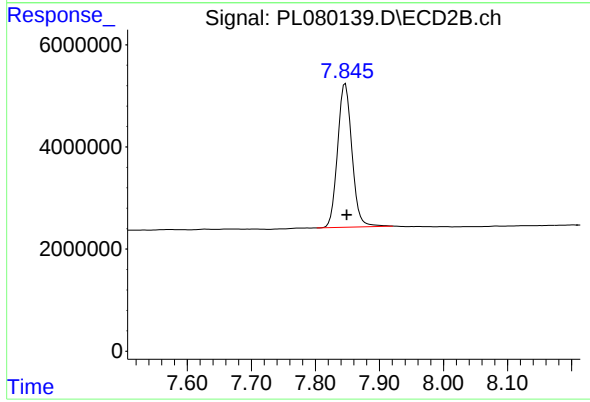
#28 Decachlorobiphenyl

R.T.: 8.891 min
Delta R.T.: 0.011 min
Response: 36164246
Conc: 21.08 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#28 Decachlorobiphenyl

R.T.: 7.847 min
Delta R.T.: -0.002 min
Response: 43751473
Conc: 19.37 ng/ml