

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL012623\
 Data File : PL080537.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Jan 2023 09:12
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/27/2023
 Supervised By :Ankita Jodhani 01/27/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 26 20:39:04 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012023.M
 Quant Title : GC Extractables
 QLast Update : Sun Jan 22 23:56:48 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...	3.353	2.690	46398813	44408926	21.633	20.218
28)	SA Decachlor...	8.795	7.839	34668881	42437689	19.802	17.812
Target Compounds							
2)	A alpha-BHC	3.801	3.191	31632122	28420106	9.985	8.936
3)	MA gamma-BHC...	4.130	3.519	30274283	27414330	10.298	9.177
6)	B beta-BHC	4.326	3.816	15027054	14154544	11.009	10.606
12)	B 4,4'-DDE	5.988	5.151	602534	457656	0.271m	0.194 #
14)	MA Endrin	6.362	5.553	94612470	95717198	43.747	41.237
16)	A 4,4'-DDD	6.504	5.705	8142802	6716053	4.445	3.574
17)	MA 4,4'-DDT	6.818	5.957	179.9E6	189.7E6	86.575	90.293
18)	B Endrin al...	6.709	6.028	3490538	4892338	2.098	2.679 #
20)	A Methoxychlor	7.296	6.535	234.8E6	247.6E6	212.824	204.015
21)	B Endrin ke...	7.424	6.754	9015950	10355663	4.086	4.056

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

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Acq On : 26 Jan 2023 09:12
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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

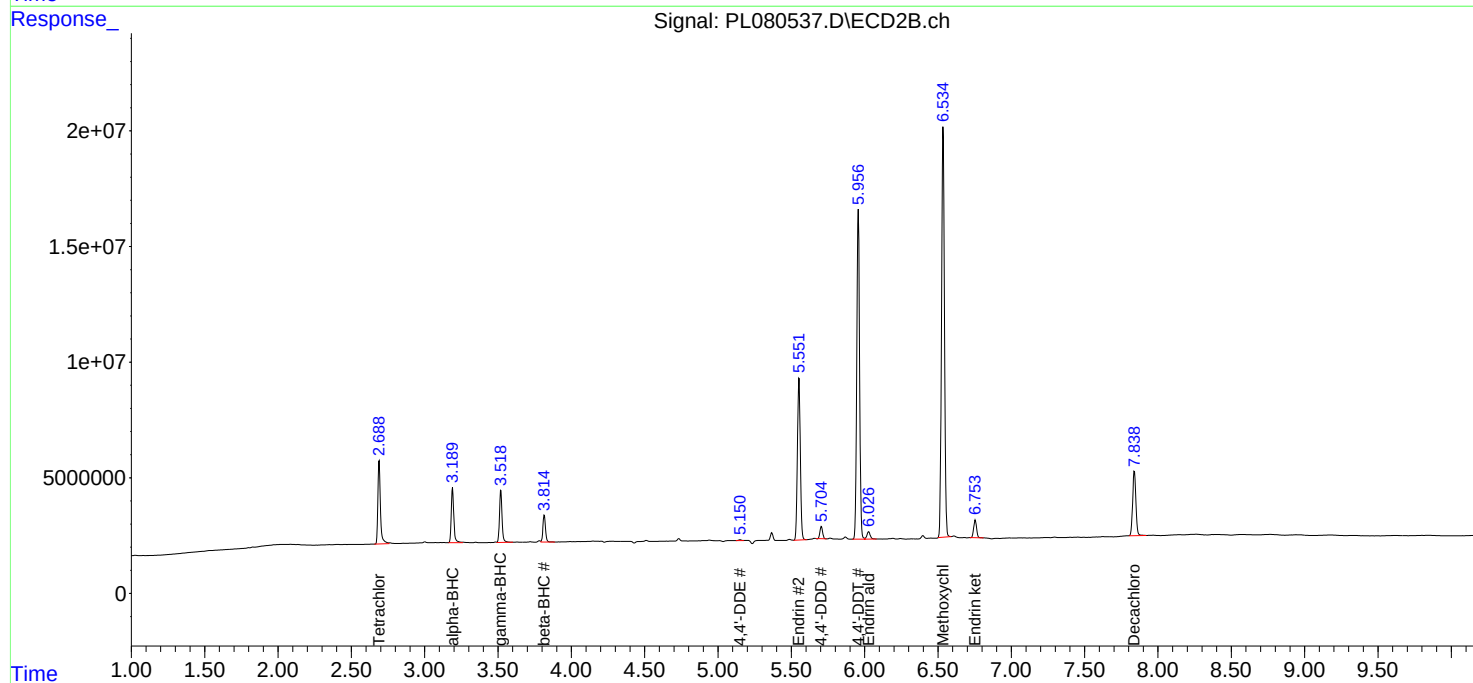
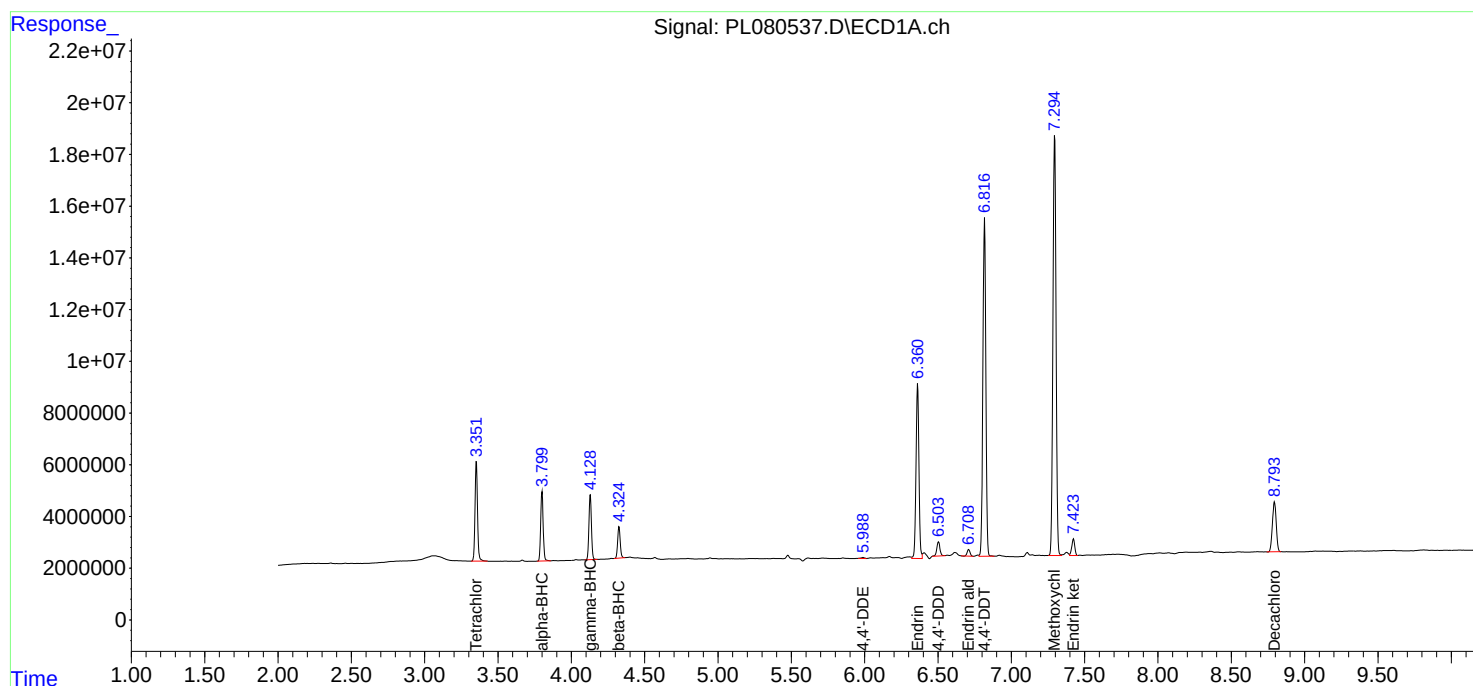
Instrument :
ECD_L
ClientSampleId :
PEM

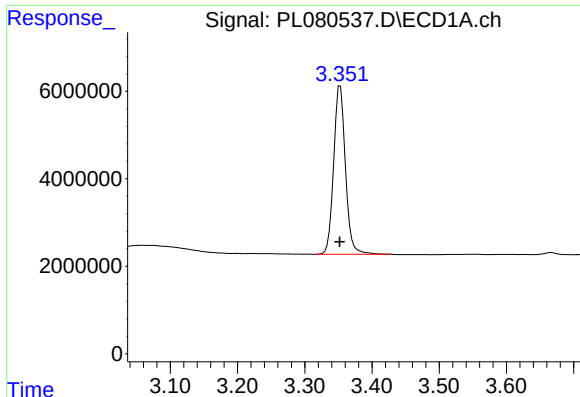
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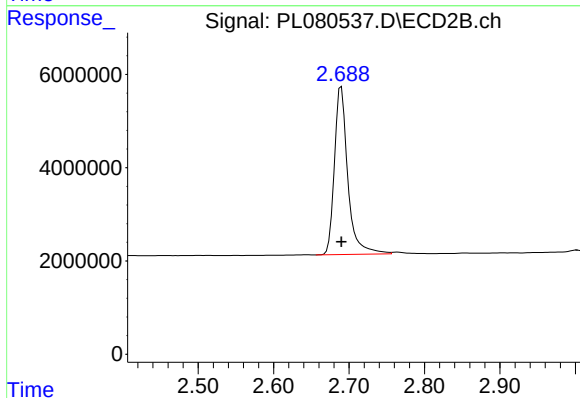
#1 Tetrachloro-m-xylene

R.T.: 3.353 min
Delta R.T.: 0.000 min
Response: 46398813
Conc: 21.63 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

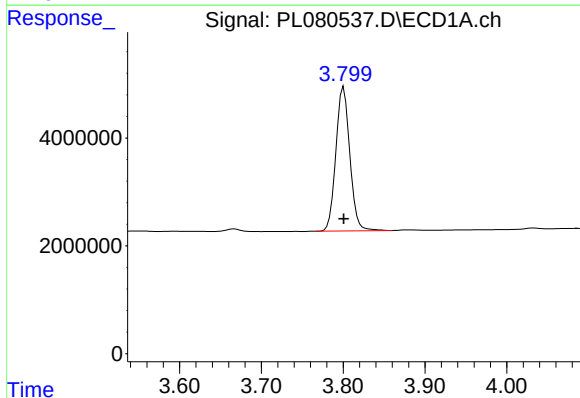
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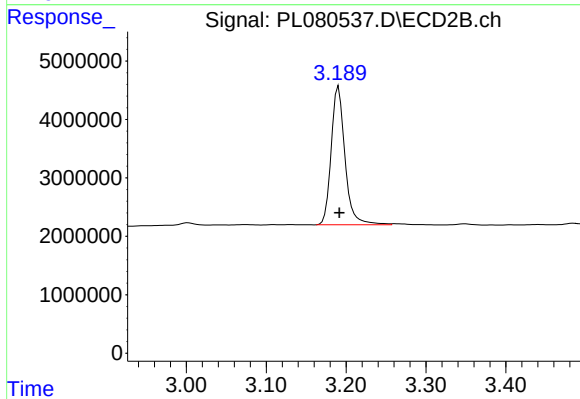
#1 Tetrachloro-m-xylene

R.T.: 2.690 min
Delta R.T.: 0.000 min
Response: 44408926
Conc: 20.22 ng/ml



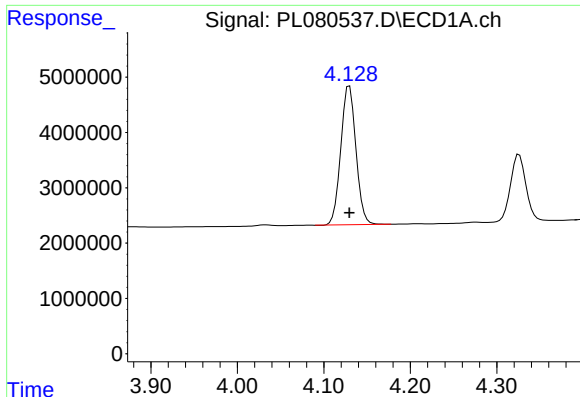
#2 alpha-BHC

R.T.: 3.801 min
Delta R.T.: 0.000 min
Response: 31632122
Conc: 9.98 ng/ml



#2 alpha-BHC

R.T.: 3.191 min
Delta R.T.: 0.000 min
Response: 28420106
Conc: 8.94 ng/ml



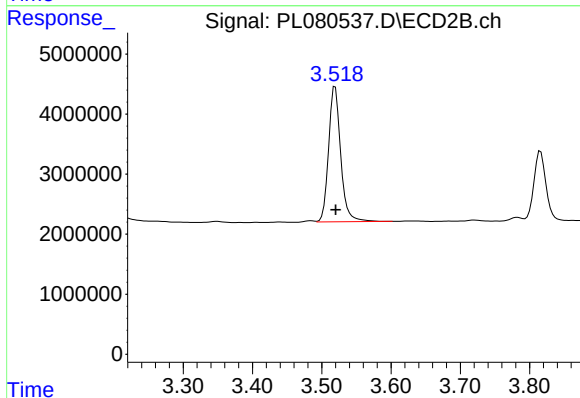
#3 gamma-BHC (Lindane)

R.T.: 4.130 min
Delta R.T.: 0.000 min
Response: 30274283
Conc: 10.30 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

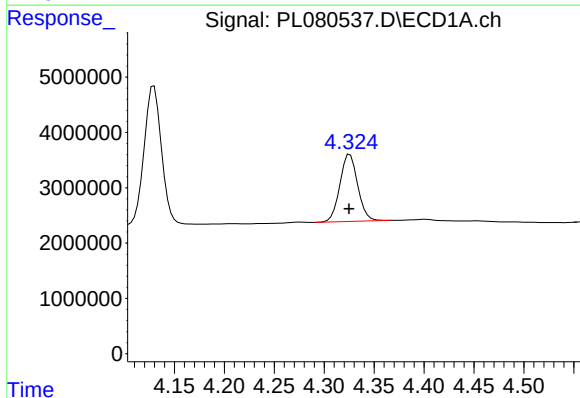
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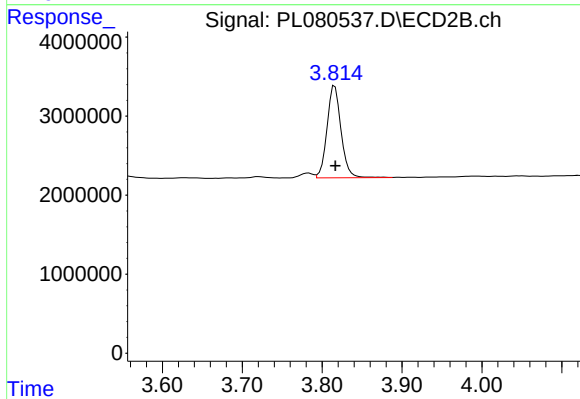
#3 gamma-BHC (Lindane)

R.T.: 3.519 min
Delta R.T.: 0.000 min
Response: 27414330
Conc: 9.18 ng/ml



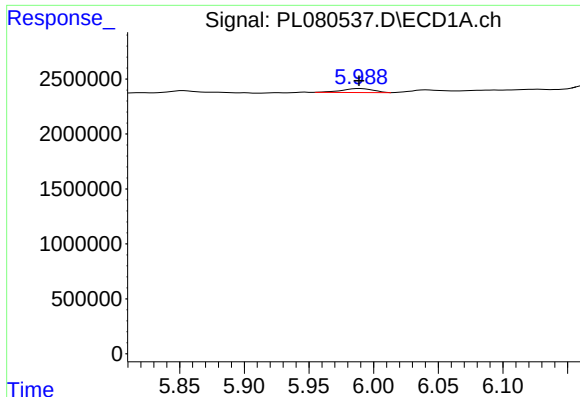
#6 beta-BHC

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 15027054
Conc: 11.01 ng/ml



#6 beta-BHC

R.T.: 3.816 min
Delta R.T.: 0.000 min
Response: 14154544
Conc: 10.61 ng/ml



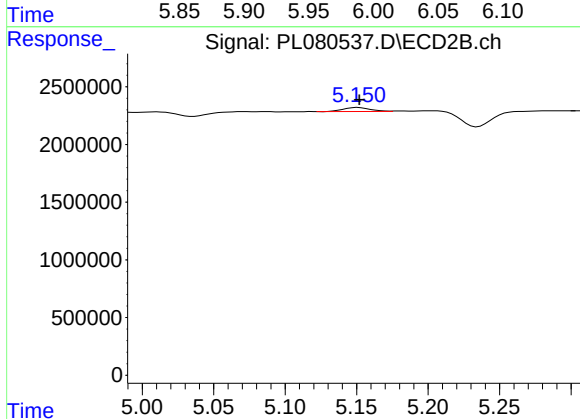
#12 4,4'-DDE

R.T.: 5.988 min
Delta R.T.: 0.000 min
Response: 602534
Conc: 0.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

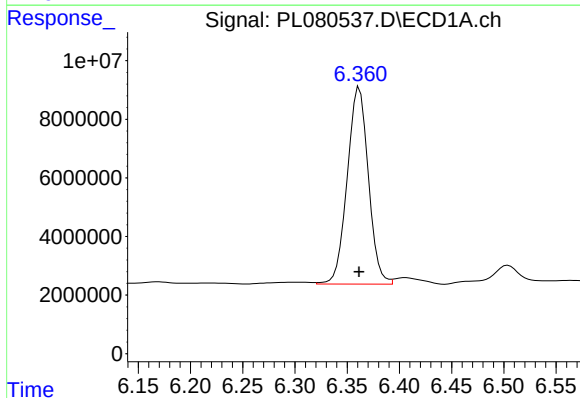
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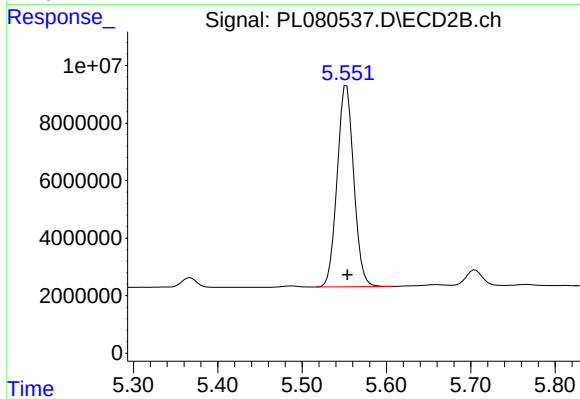
#12 4,4'-DDE

R.T.: 5.151 min
Delta R.T.: 0.000 min
Response: 457656
Conc: 0.19 ng/ml



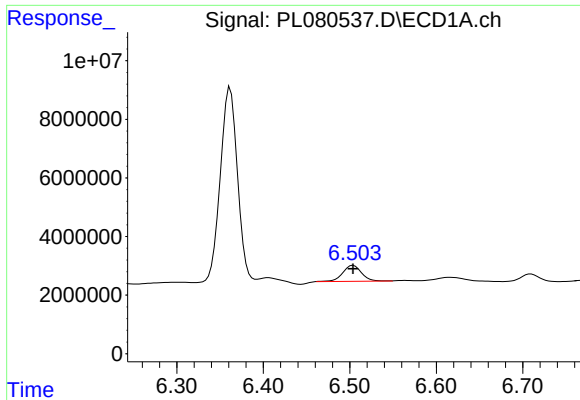
#14 Endrin

R.T.: 6.362 min
Delta R.T.: 0.000 min
Response: 94612470
Conc: 43.75 ng/ml



#14 Endrin

R.T.: 5.553 min
Delta R.T.: 0.000 min
Response: 95717198
Conc: 41.24 ng/ml



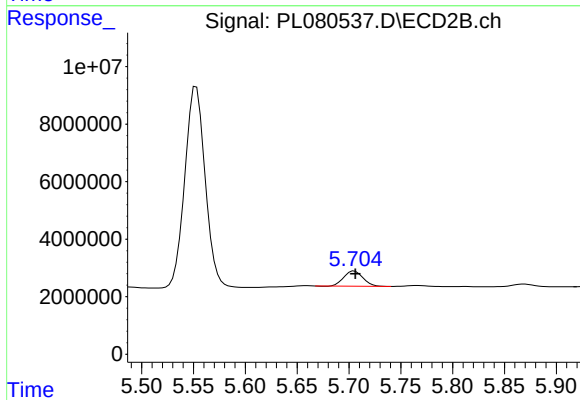
#16 4,4'-DDD

R.T.: 6.504 min
Delta R.T.: 0.000 min
Response: 8142802
Conc: 4.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

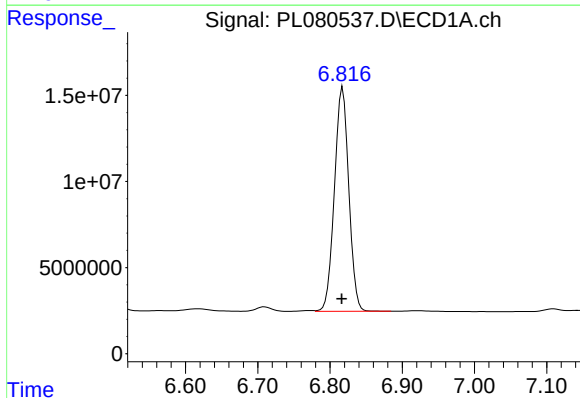
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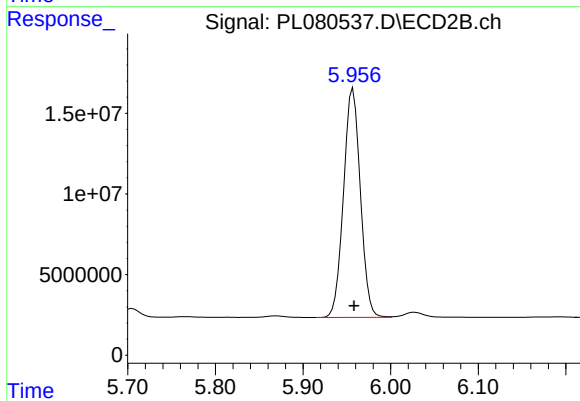
#16 4,4'-DDD

R.T.: 5.705 min
Delta R.T.: -0.001 min
Response: 6716053
Conc: 3.57 ng/ml



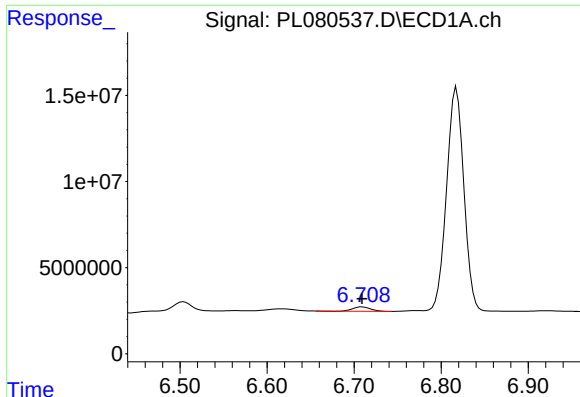
#17 4,4'-DDT

R.T.: 6.818 min
Delta R.T.: 0.001 min
Response: 179875026
Conc: 86.58 ng/ml



#17 4,4'-DDT

R.T.: 5.957 min
Delta R.T.: -0.001 min
Response: 189748585
Conc: 90.29 ng/ml



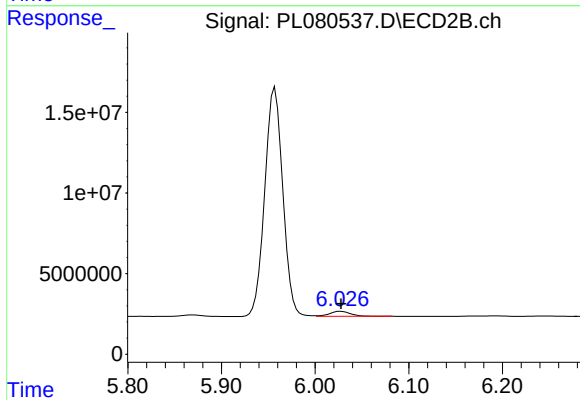
#18 Endrin aldehyde

R.T.: 6.709 min
Delta R.T.: 0.000 min
Response: 3490538
Conc: 2.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

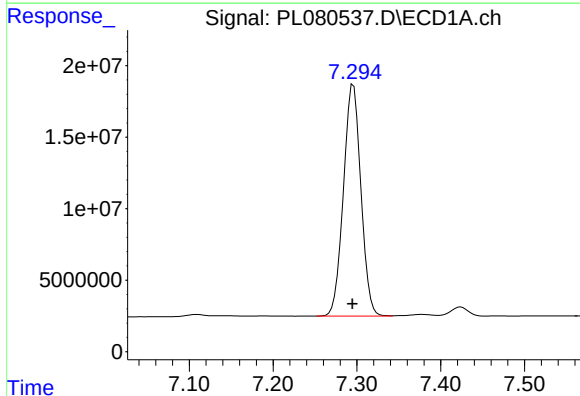
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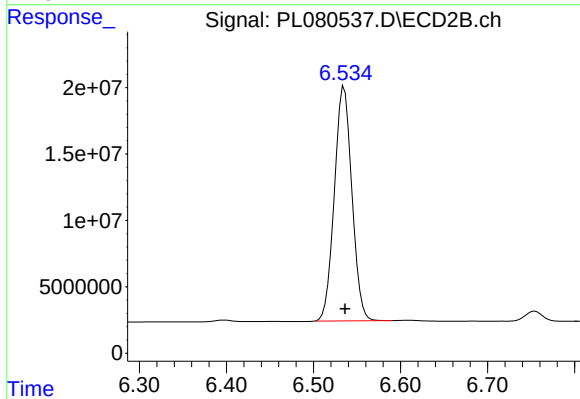
#18 Endrin aldehyde

R.T.: 6.028 min
Delta R.T.: 0.000 min
Response: 4892338
Conc: 2.68 ng/ml



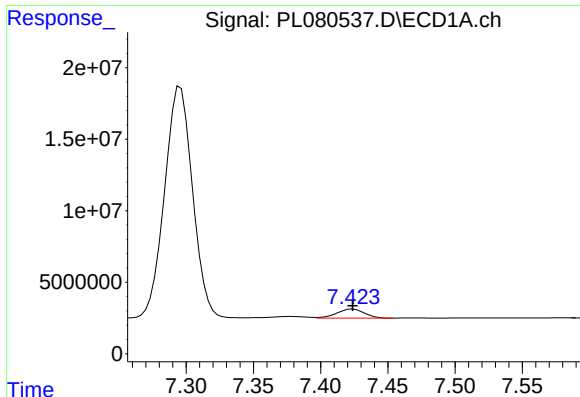
#20 Methoxychlor

R.T.: 7.296 min
Delta R.T.: 0.001 min
Response: 234806073
Conc: 212.82 ng/ml



#20 Methoxychlor

R.T.: 6.535 min
Delta R.T.: 0.000 min
Response: 247564591
Conc: 204.01 ng/ml



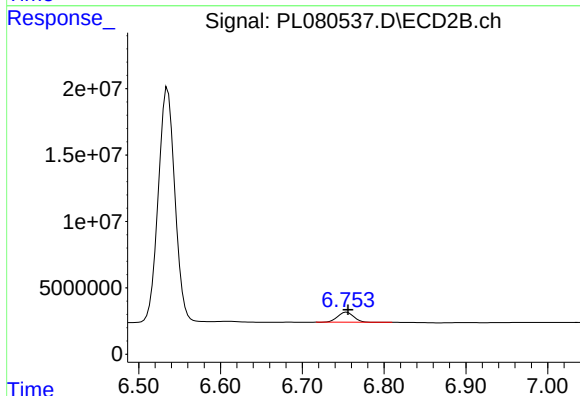
#21 Endrin ketone

R.T.: 7.424 min
Delta R.T.: 0.000 min
Response: 9015950
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

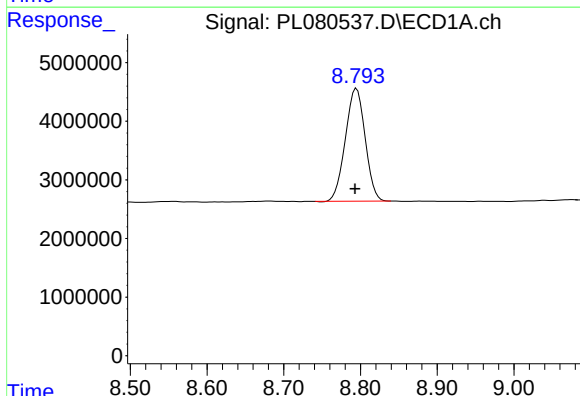
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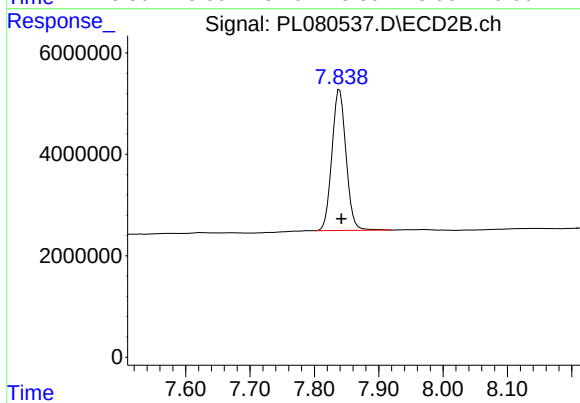
#21 Endrin ketone

R.T.: 6.754 min
Delta R.T.: -0.002 min
Response: 10355663
Conc: 4.06 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.795 min
Delta R.T.: 0.002 min
Response: 34668881
Conc: 19.80 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.839 min
Delta R.T.: -0.003 min
Response: 42437689
Conc: 17.81 ng/ml