

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL011725\
 Data File : PL093676.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jan 2025 08:58
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 01/20/2025
 Supervised By :Ankita Jodhani 01/20/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 18 00:52:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL122324.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 24 15:29:41 2024
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.540	2.776	57610026	66641544	23.270	22.891
28)	SA Decachlor...	9.055	7.911	42008583	66169272	22.719	22.161
Target Compounds							
2)	A alpha-BHC	3.995	3.278	41911517	47717403	12.140	10.978
3)	MA gamma-BHC...	4.328	3.607	40070144	44755742	12.219	10.607
6)	B beta-BHC	4.526	3.908	19028270	22163324	13.200	12.330
12)	B 4,4'-DDE	6.191	5.232	348493	283859	0.155m	0.077m#
14)	MA Endrin	6.573	5.638	107.5E6	180.9E6	49.945m	54.672
16)	A 4,4'-DDD	6.709	5.786	3383857	4333918	1.927m	1.531
17)	MA 4,4'-DDT	7.025	6.036	197.4E6	369.2E6	106.790	122.240
18)	B Endrin al...	6.924	6.111	3160435	6469035	1.781	2.402 #
20)	A Methoxychlor	7.500	6.611	245.4E6	430.8E6	245.525	267.662
21)	B Endrin ke...	7.643	6.839	6000688	9119293	2.674	2.505

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

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Acq On : 17 Jan 2025 08:58
Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

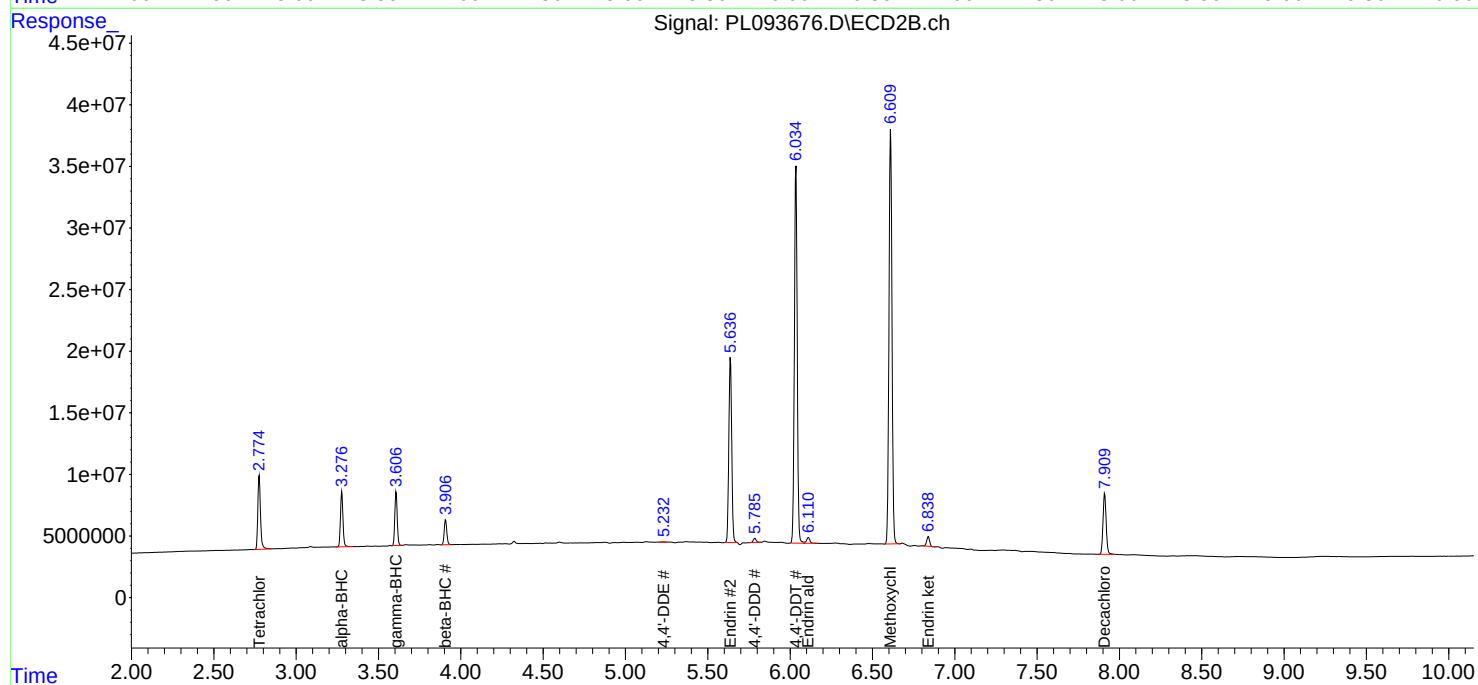
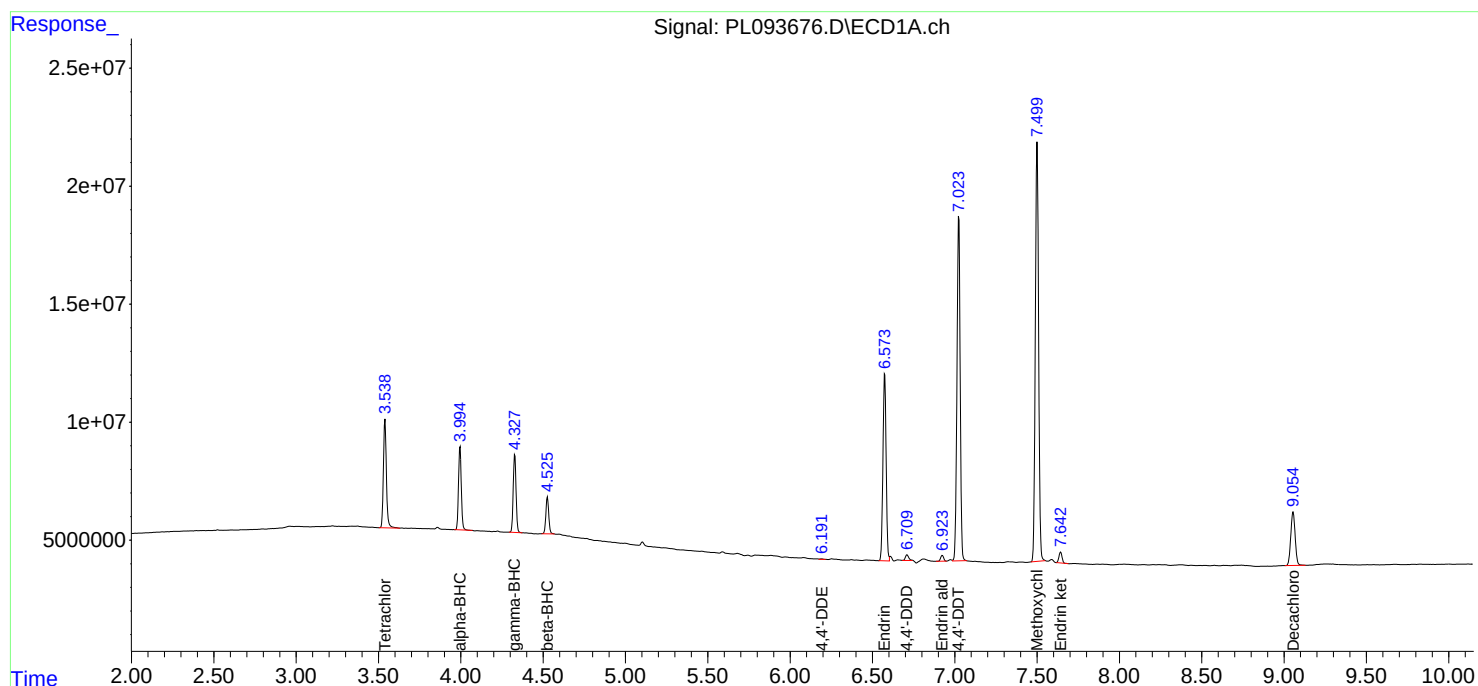
Instrument :
ECD_L
ClientSampleId :
PEM

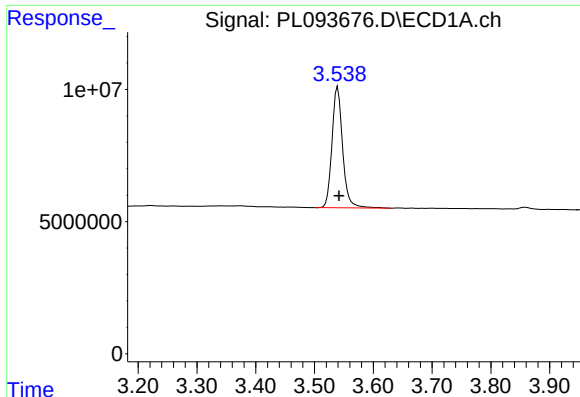
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Volume Inj. : 1 µl
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Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





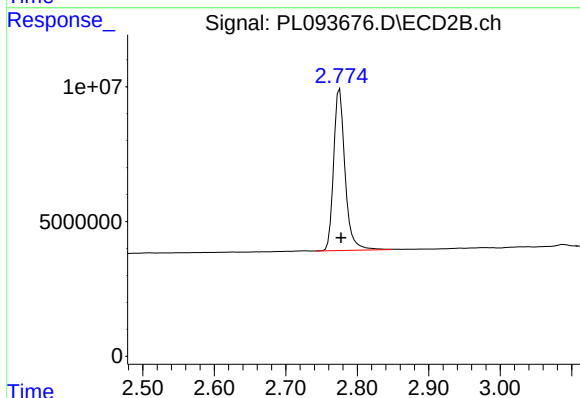
#1 Tetrachloro-m-xylene

R.T.: 3.540 min
Delta R.T.: -0.002 min
Response: 57610026
Conc: 23.27 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

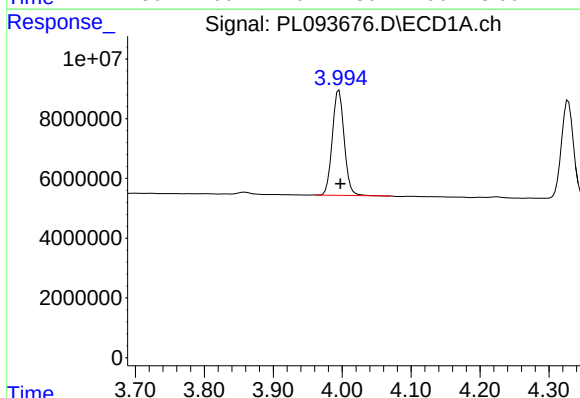
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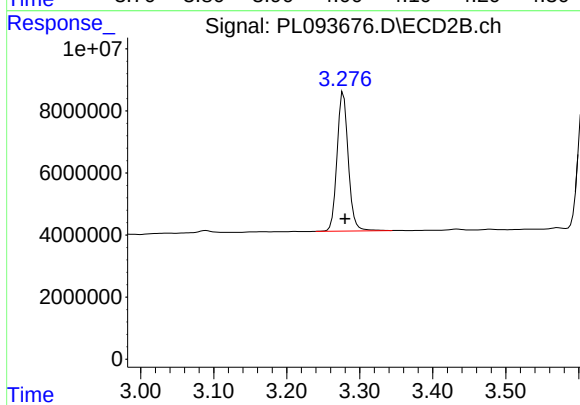
#1 Tetrachloro-m-xylene

R.T.: 2.776 min
Delta R.T.: -0.002 min
Response: 66641544
Conc: 22.89 ng/ml



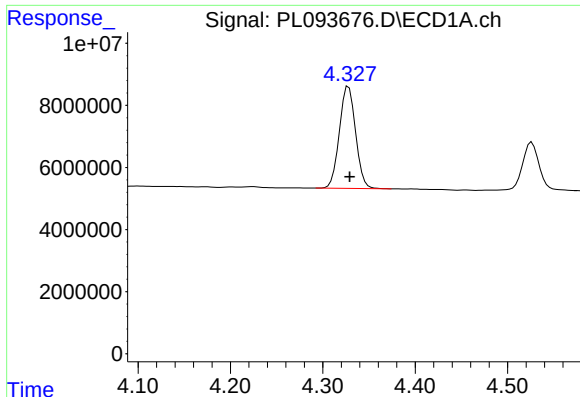
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: -0.002 min
Response: 41911517
Conc: 12.14 ng/ml



#2 alpha-BHC

R.T.: 3.278 min
Delta R.T.: -0.002 min
Response: 47717403
Conc: 10.98 ng/ml



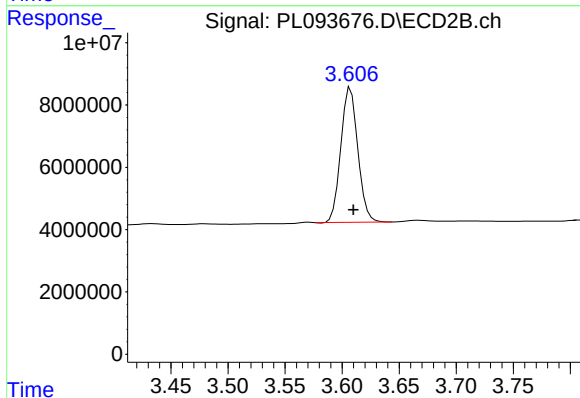
#3 gamma-BHC (Lindane)

R.T.: 4.328 min
Delta R.T.: -0.001 min
Response: 40070144
Conc: 12.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

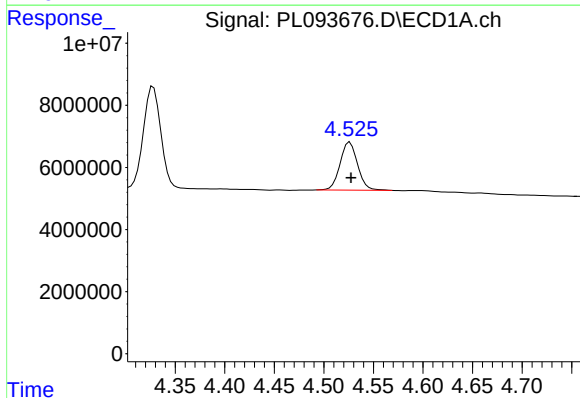
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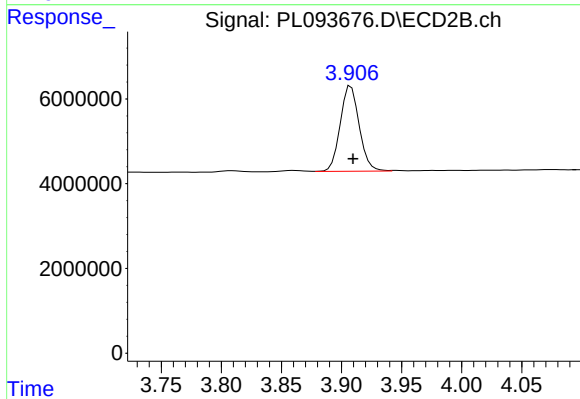
#3 gamma-BHC (Lindane)

R.T.: 3.607 min
Delta R.T.: -0.002 min
Response: 44755742
Conc: 10.61 ng/ml



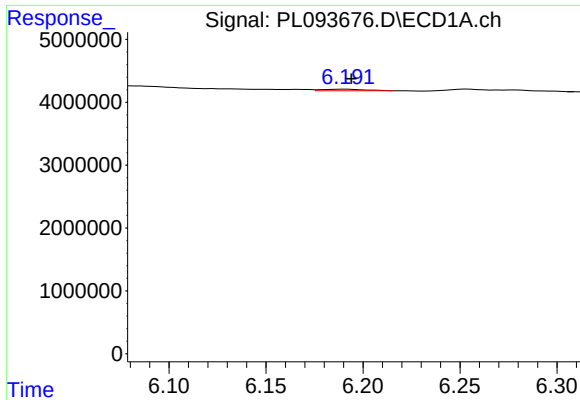
#6 beta-BHC

R.T.: 4.526 min
Delta R.T.: -0.001 min
Response: 19028270
Conc: 13.20 ng/ml



#6 beta-BHC

R.T.: 3.908 min
Delta R.T.: -0.002 min
Response: 22163324
Conc: 12.33 ng/ml



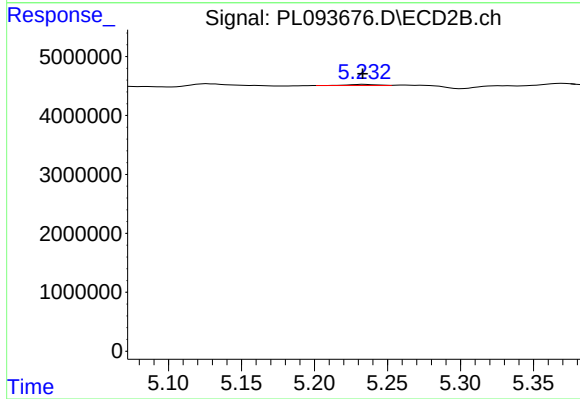
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.003 min
Response: 348493
Conc: 0.16 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

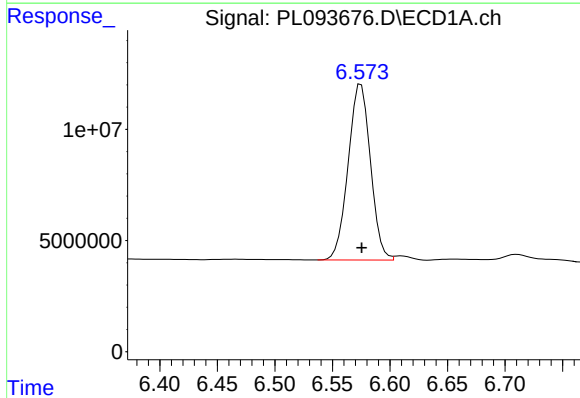
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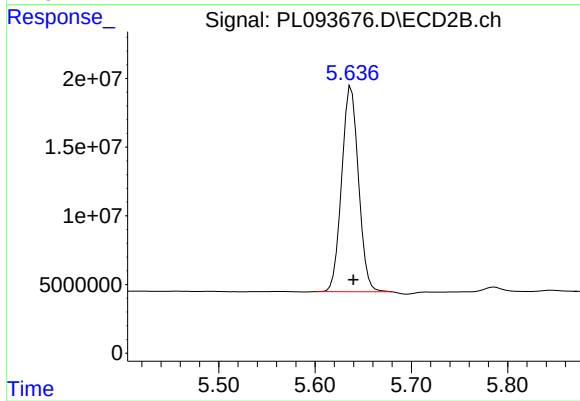
#12 4,4'-DDE

R.T.: 5.232 min
Delta R.T.: 0.000 min
Response: 283859
Conc: 0.08 ng/ml m



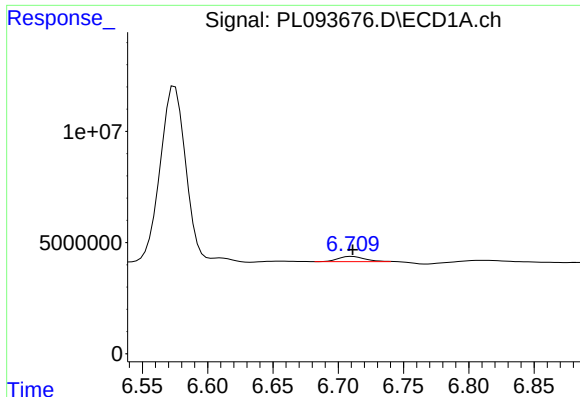
#14 Endrin

R.T.: 6.573 min
Delta R.T.: -0.002 min
Response: 107503400
Conc: 49.94 ng/ml m



#14 Endrin

R.T.: 5.638 min
Delta R.T.: -0.002 min
Response: 180874380
Conc: 54.67 ng/ml



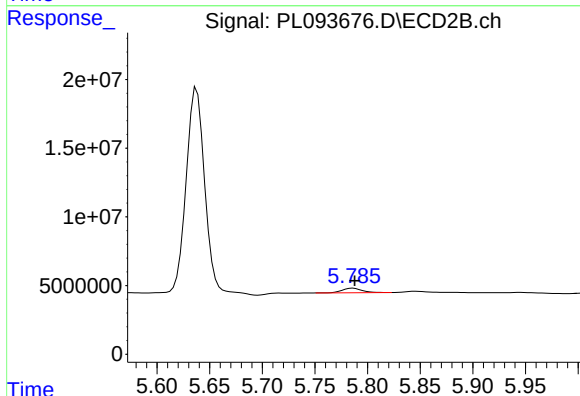
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.002 min
Response: 3383857
Conc: 1.93 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

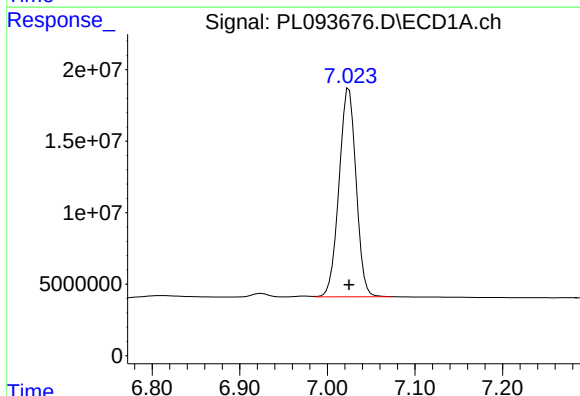
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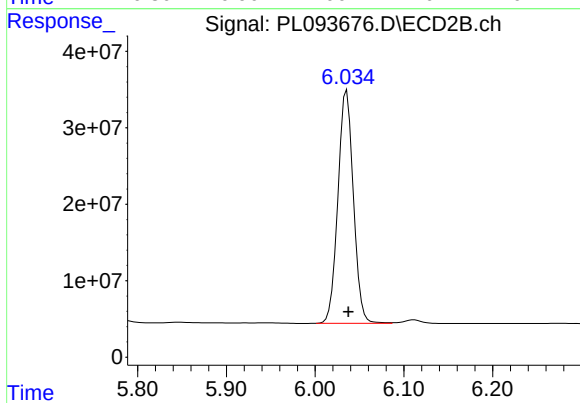
#16 4,4'-DDD

R.T.: 5.786 min
Delta R.T.: -0.002 min
Response: 4333918
Conc: 1.53 ng/ml



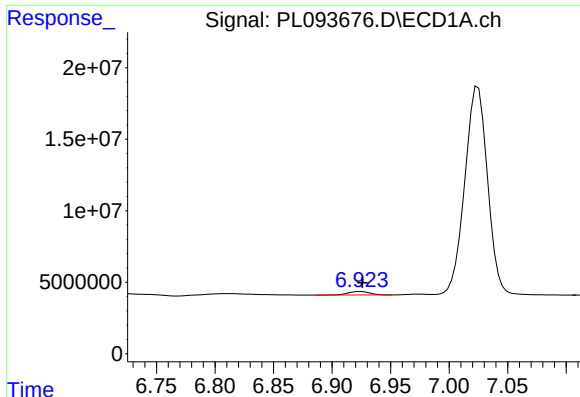
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 197403676
Conc: 106.79 ng/ml



#17 4,4'-DDT

R.T.: 6.036 min
Delta R.T.: -0.002 min
Response: 369202701
Conc: 122.24 ng/ml



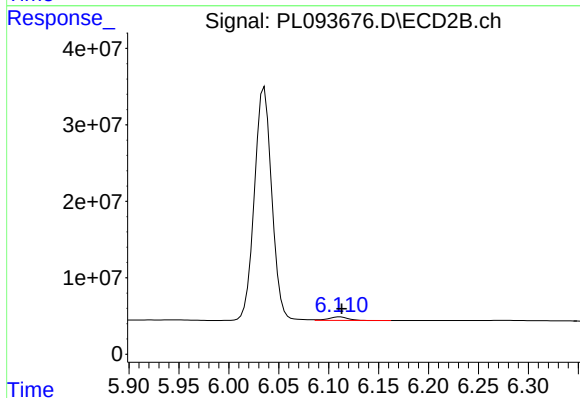
#18 Endrin aldehyde

R.T.: 6.924 min
Delta R.T.: -0.001 min
Response: 3160435
Conc: 1.78 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

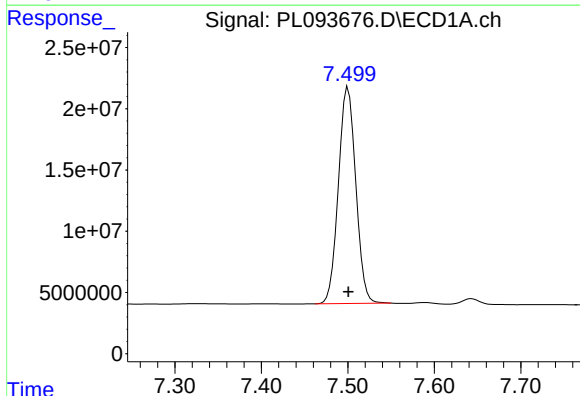
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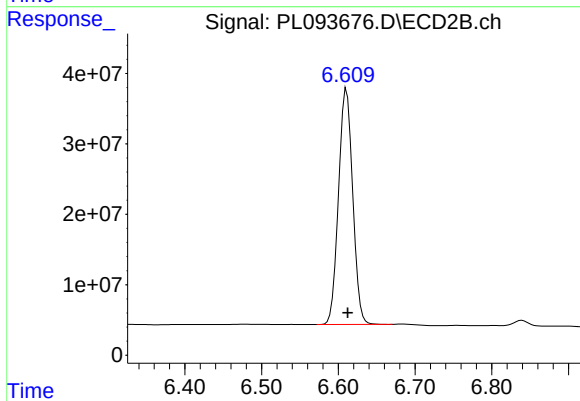
#18 Endrin aldehyde

R.T.: 6.111 min
Delta R.T.: -0.002 min
Response: 6469035
Conc: 2.40 ng/ml



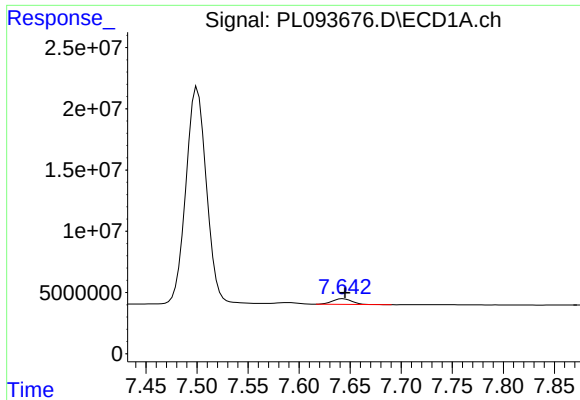
#20 Methoxychlor

R.T.: 7.500 min
Delta R.T.: 0.000 min
Response: 245446244
Conc: 245.53 ng/ml



#20 Methoxychlor

R.T.: 6.611 min
Delta R.T.: -0.002 min
Response: 430838958
Conc: 267.66 ng/ml



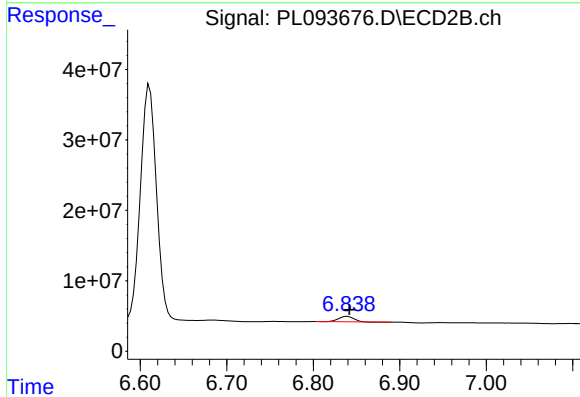
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: -0.002 min
Response: 6000688
Conc: 2.67 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

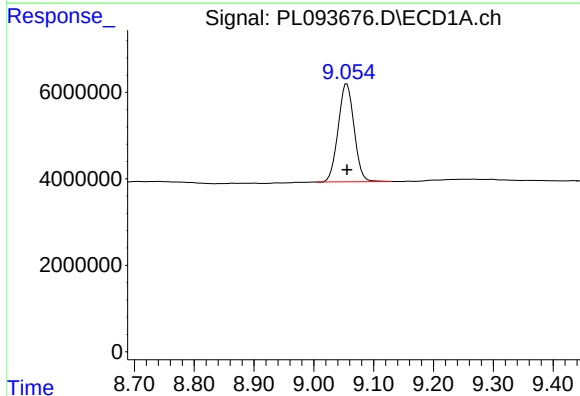
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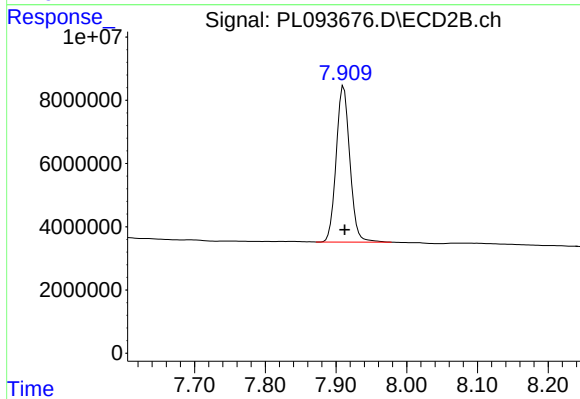
#21 Endrin ketone

R.T.: 6.839 min
Delta R.T.: -0.002 min
Response: 9119293
Conc: 2.51 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.055 min
Delta R.T.: 0.000 min
Response: 42008583
Conc: 22.72 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.911 min
Delta R.T.: -0.001 min
Response: 66169272
Conc: 22.16 ng/ml