

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL082824\
 Data File : PL091376.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 28 Aug 2024 11:50
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By :Abdul Mirza 08/29/2024
 Supervised By :Ankita Jodhani 08/29/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Aug 29 01:48:42 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL081324.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 13:09:19 2024
 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...	3.545	2.785	41664141	41311027	19.404	21.163
28)	SA Decachlor...	9.056	7.923	33658389	41308008	22.078	21.809
Target Compounds							
2)	A alpha-BHC	4.000	3.287	30932415	28010781	10.318	10.100
3)	MA gamma-BHC...	4.332	3.616	29735758	25663636	10.366	9.743m
6)	B beta-BHC	4.529	3.917	14622766	13063351	10.813	11.098
12)	B 4,4'-DDE	6.197	5.245	473081	449300	0.226m	0.215
14)	MA Endrin	6.577	5.649	89550076	100.4E6	46.178m	49.284
16)	A 4,4'-DDD	6.714	5.798	2191680	2026361	1.450	1.228
17)	MA 4,4'-DDT	7.027	6.047	163.2E6	203.9E6	91.933	114.806
18)	B Endrin al...	6.926	6.122	2259341	3786103	1.415	2.431m#
20)	A Methoxychlor	7.502	6.621	211.3E6	256.4E6	224.769	258.260m
21)	B Endrin ke...	7.644	6.850	5454500	4634801	2.598m	2.128

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

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Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

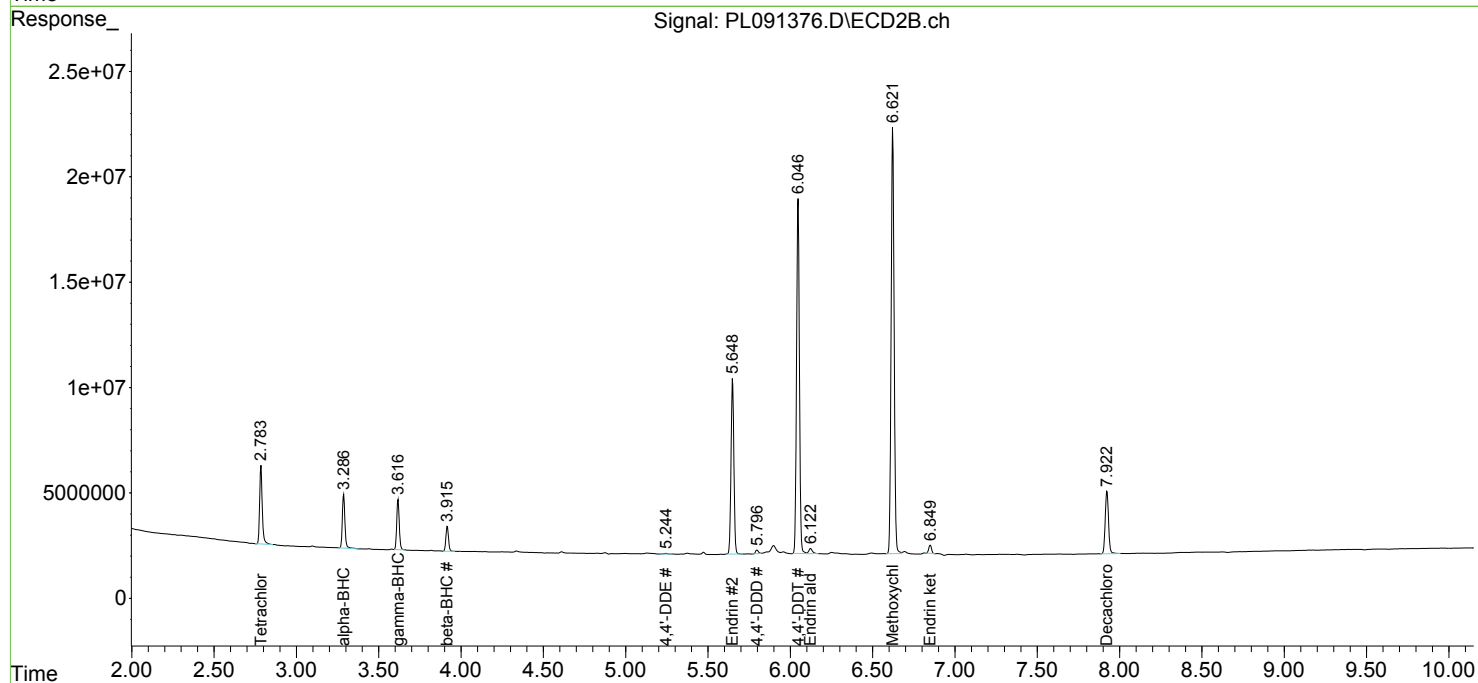
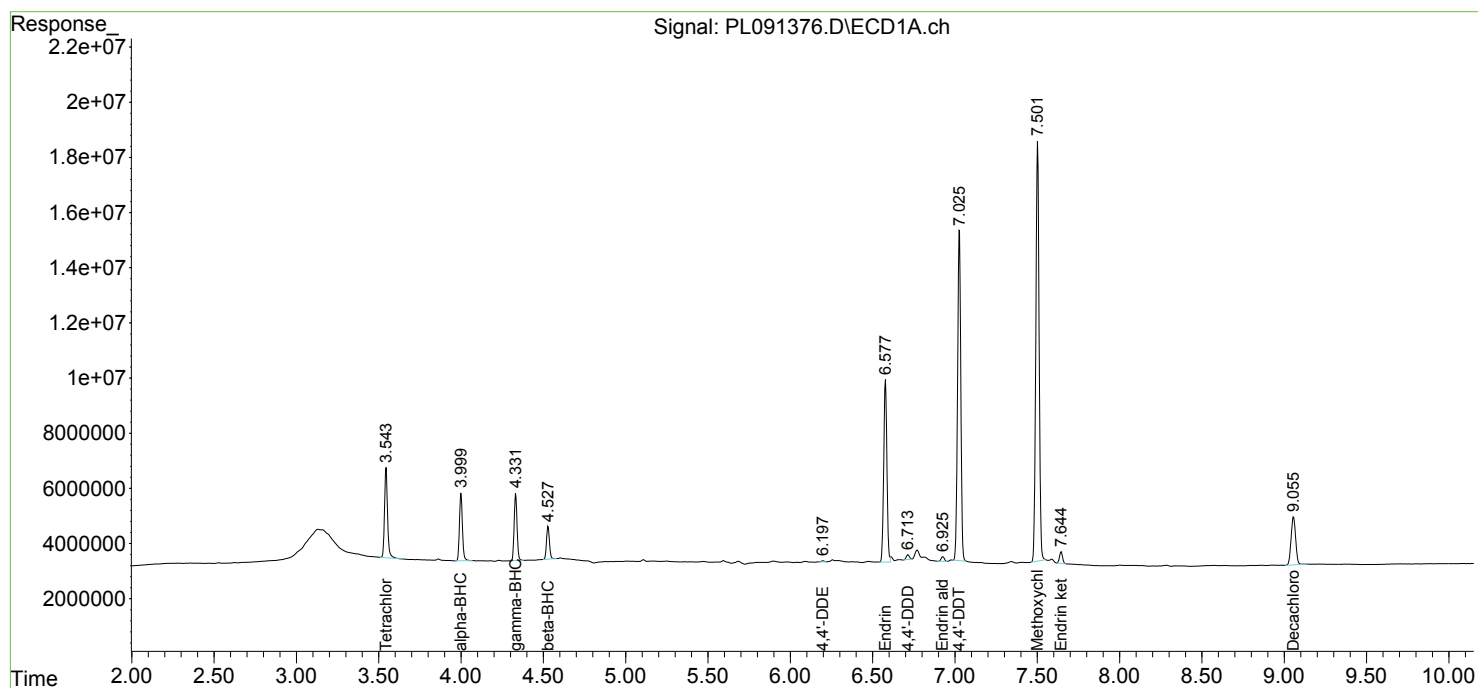
Instrument :
ECD_L
ClientSampleId :
PEM

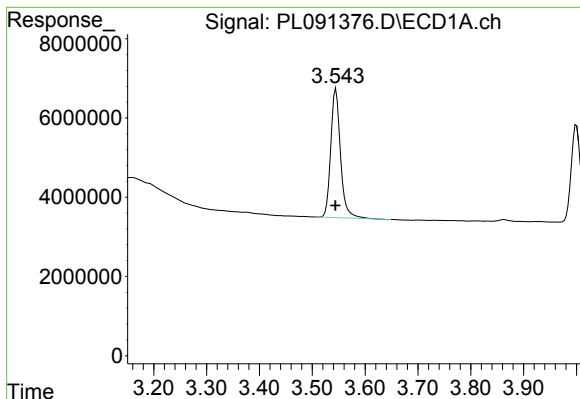
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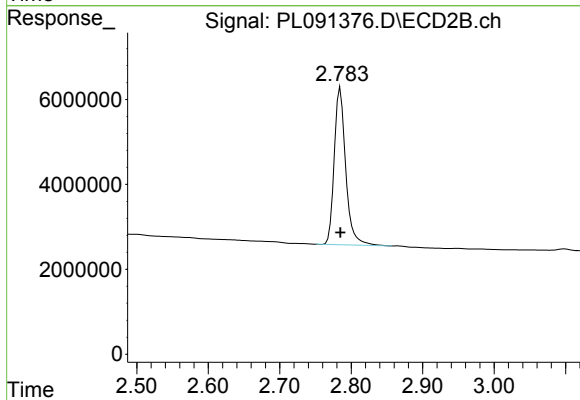
#1 Tetrachloro-m-xylene

R.T.: 3.545 min
Delta R.T.: 0.000 min
Response: 41664141
Conc: 19.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

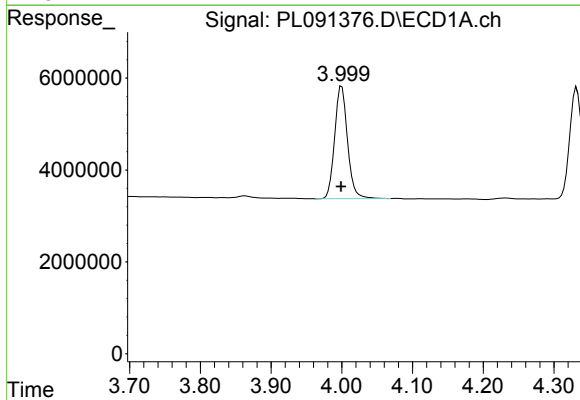
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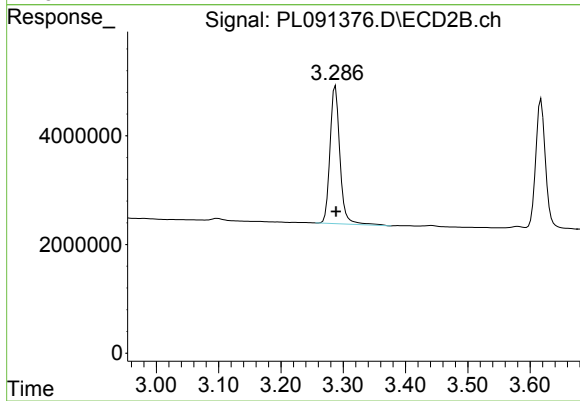
#1 Tetrachloro-m-xylene

R.T.: 2.785 min
Delta R.T.: 0.000 min
Response: 41311027
Conc: 21.16 ng/ml



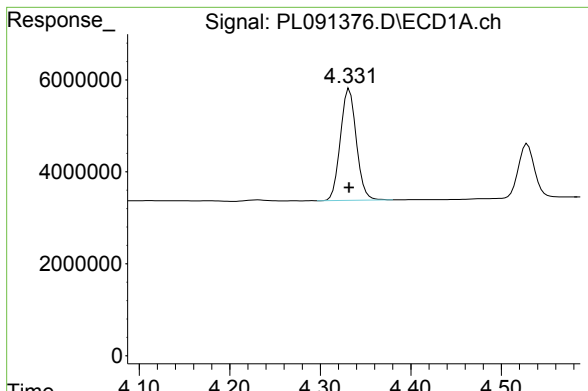
#2 alpha-BHC

R.T.: 4.000 min
Delta R.T.: 0.000 min
Response: 30932415
Conc: 10.32 ng/ml



#2 alpha-BHC

R.T.: 3.287 min
Delta R.T.: -0.001 min
Response: 28010781
Conc: 10.10 ng/ml



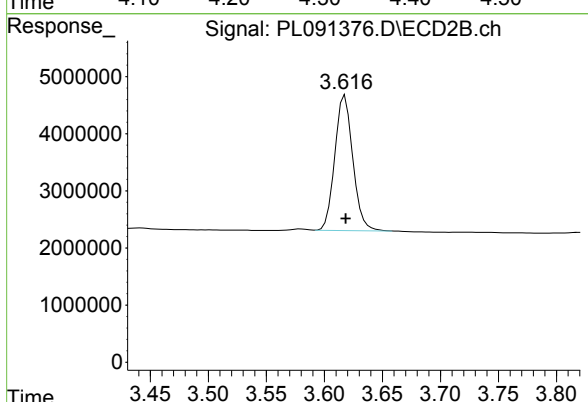
#3 gamma-BHC (Lindane)

R.T.: 4.332 min
Delta R.T.: 0.000 min
Response: 29735758
Conc: 10.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

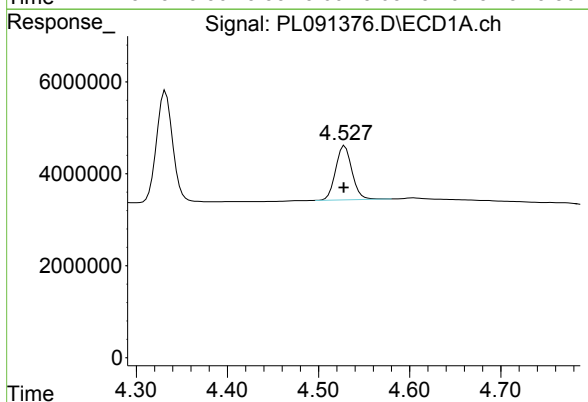
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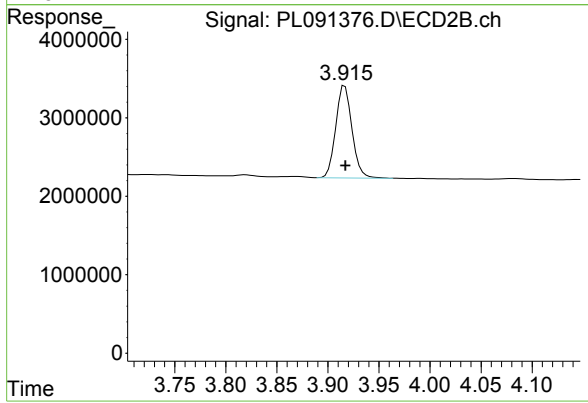
#3 gamma-BHC (Lindane)

R.T.: 3.616 min
Delta R.T.: -0.002 min
Response: 25663636
Conc: 9.74 ng/ml m



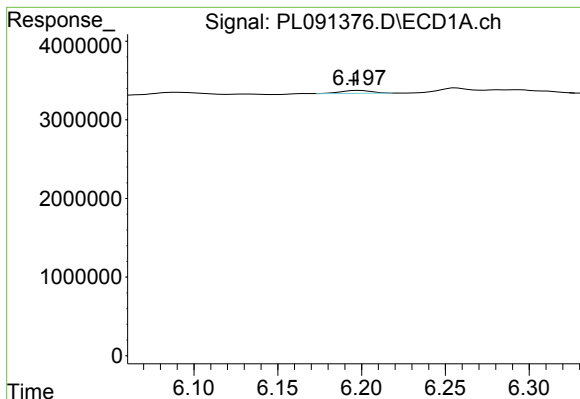
#6 beta-BHC

R.T.: 4.529 min
Delta R.T.: 0.001 min
Response: 14622766
Conc: 10.81 ng/ml



#6 beta-BHC

R.T.: 3.917 min
Delta R.T.: 0.000 min
Response: 13063351
Conc: 11.10 ng/ml



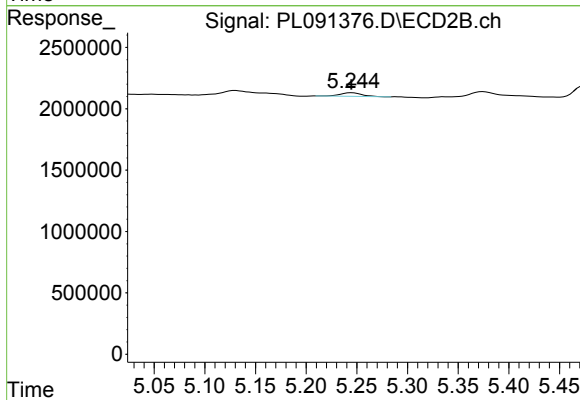
#12 4,4'-DDE

R.T.: 6.197 min
Delta R.T.: 0.002 min
Response: 473081
Conc: 0.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

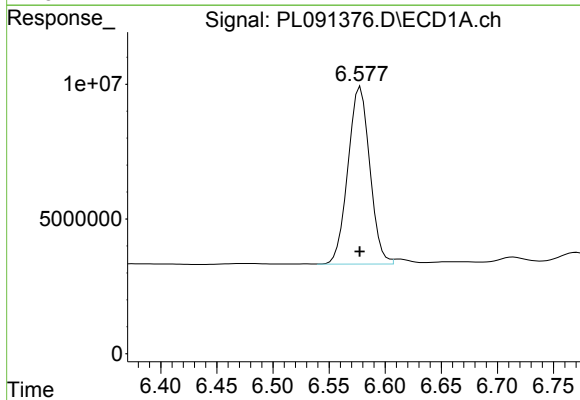
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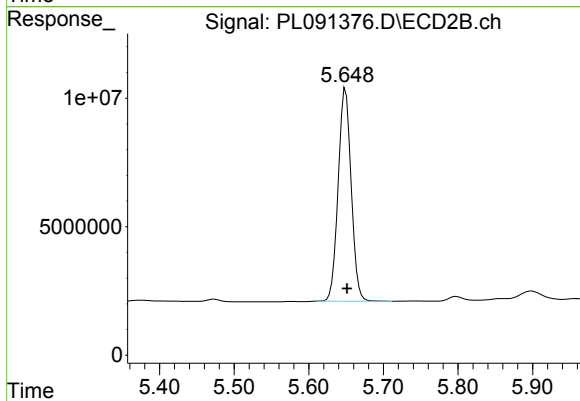
#12 4,4'-DDE

R.T.: 5.245 min
Delta R.T.: 0.000 min
Response: 449300
Conc: 0.22 ng/ml



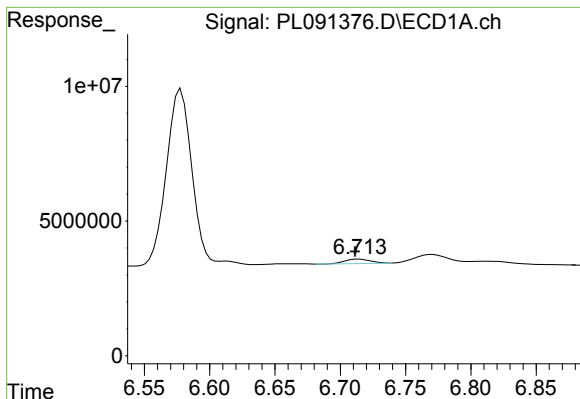
#14 Endrin

R.T.: 6.577 min
Delta R.T.: 0.000 min
Response: 89550076
Conc: 46.18 ng/ml m



#14 Endrin

R.T.: 5.649 min
Delta R.T.: -0.002 min
Response: 100399271
Conc: 49.28 ng/ml



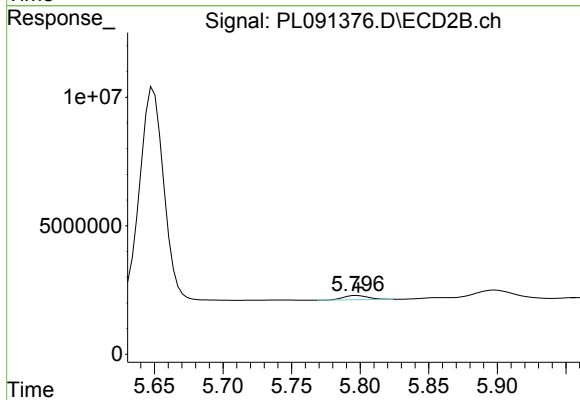
#16 4,4'-DDD

R.T.: 6.714 min
Delta R.T.: 0.003 min
Response: 2191680
Conc: 1.45 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

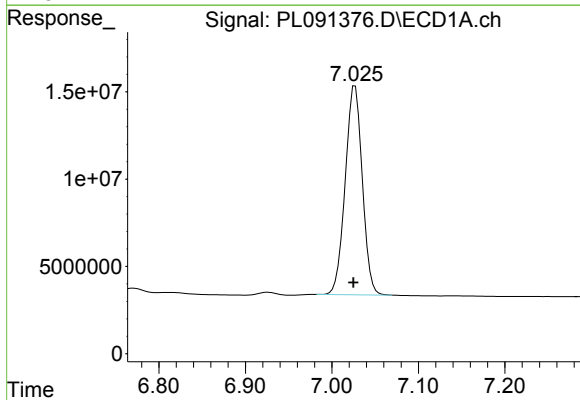
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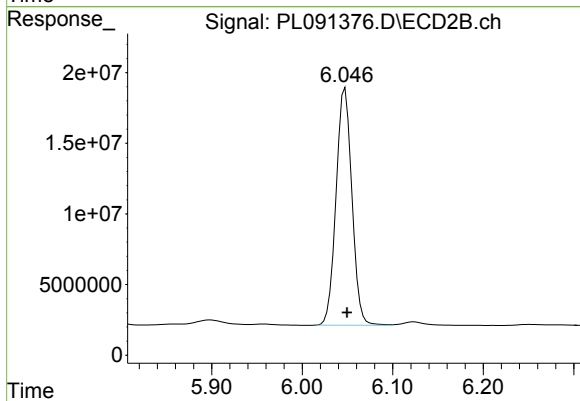
#16 4,4'-DDD

R.T.: 5.798 min
Delta R.T.: -0.001 min
Response: 2026361
Conc: 1.23 ng/ml



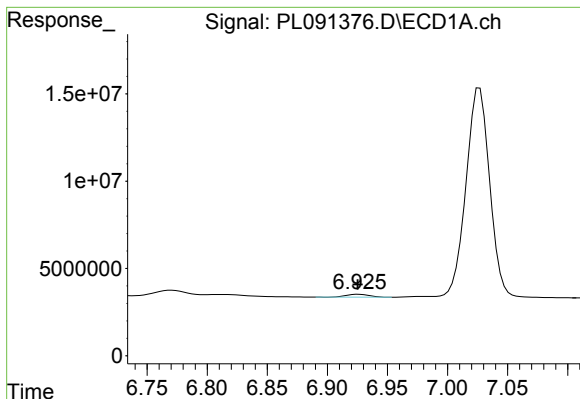
#17 4,4'-DDT

R.T.: 7.027 min
Delta R.T.: 0.002 min
Response: 163187995
Conc: 91.93 ng/ml



#17 4,4'-DDT

R.T.: 6.047 min
Delta R.T.: -0.002 min
Response: 203941577
Conc: 114.81 ng/ml



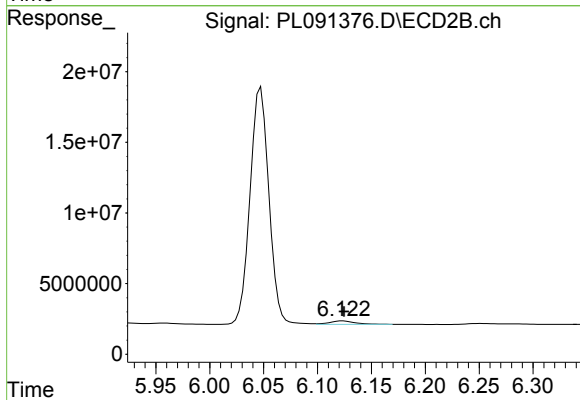
#18 Endrin aldehyde

R.T.: 6.926 min
Delta R.T.: 0.000 min
Response: 2259341
Conc: 1.42 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

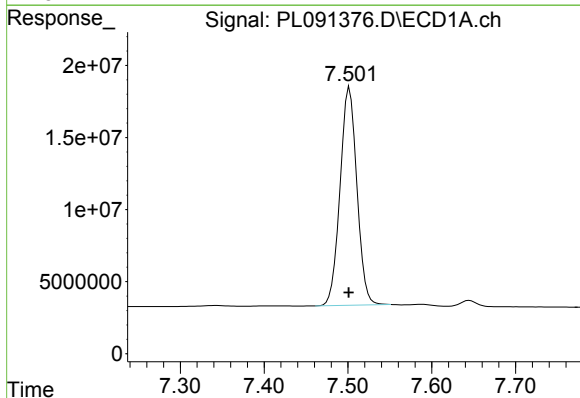
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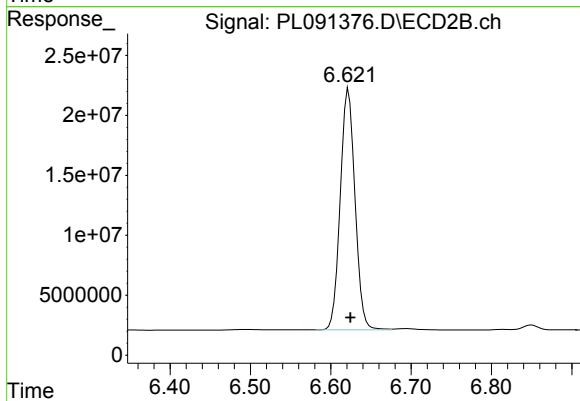
#18 Endrin aldehyde

R.T.: 6.122 min
Delta R.T.: -0.003 min
Response: 3786103
Conc: 2.43 ng/ml m



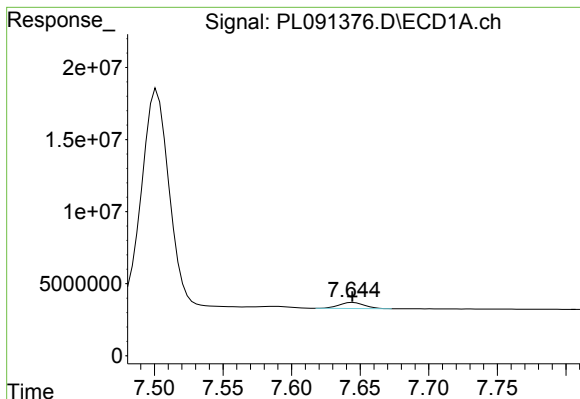
#20 Methoxychlor

R.T.: 7.502 min
Delta R.T.: 0.001 min
Response: 211342465
Conc: 224.77 ng/ml



#20 Methoxychlor

R.T.: 6.621 min
Delta R.T.: -0.004 min
Response: 256447666
Conc: 258.26 ng/ml m



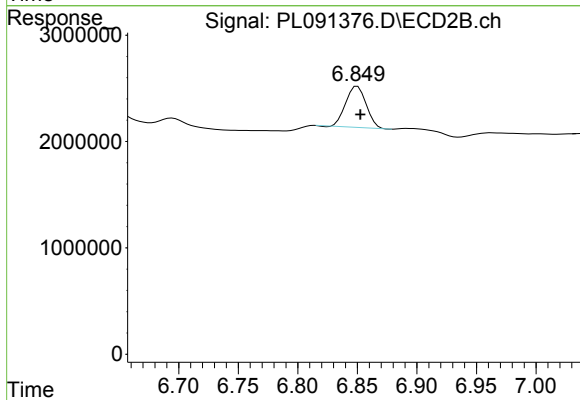
#21 Endrin ketone

R.T.: 7.644 min
Delta R.T.: 0.000 min
Response: 5454500
Conc: 2.60 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

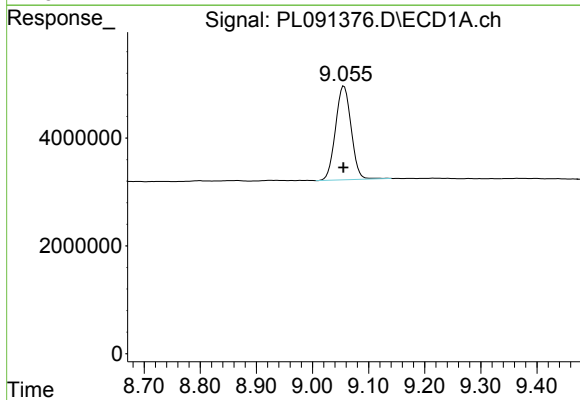
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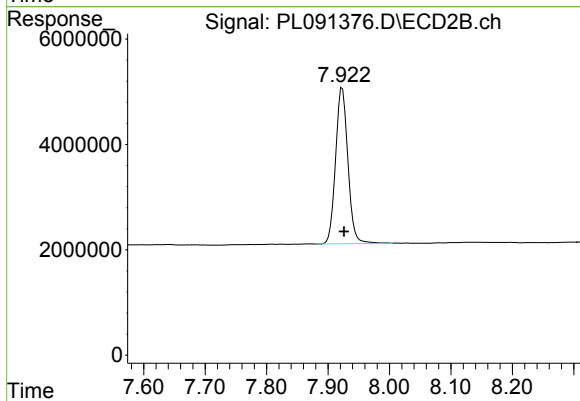
#21 Endrin ketone

R.T.: 6.850 min
Delta R.T.: -0.002 min
Response: 4634801
Conc: 2.13 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 33658389
Conc: 22.08 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.923 min
Delta R.T.: -0.003 min
Response: 41308008
Conc: 21.81 ng/ml