

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL061723\
 Data File : PL083533.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 17 Jun 2023 11:20
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 06/20/2023
 Supervised By : Ankita Jodhani 06/19/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 17 12:38:17 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL061723.M
 Quant Title : GC Extractables
 QLast Update : Sat Jun 17 12:34:26 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...	3.451	2.752	49071026	51708621	22.201	22.199
28)	SA Decachlor...	8.991	7.963	47044534	55104367	24.688	22.436
Target Compounds							
2)	A alpha-BHC	3.908	3.262	32919077	34736725	10.573	10.291
3)	MA gamma-BHC...	4.241	3.596	31394409	33499059	11.013	10.434
6)	B beta-BHC	4.440	3.897	15202888	17450184	11.751	11.693
12)	B 4,4'-DDE	6.120	5.252	801134	476978	0.397	0.187 #
14)	MA Endrin	6.496	5.652	94863476	122.3E6	53.751	53.002
16)	A 4,4'-DDD	6.639	5.810	6110826	7025947	3.579	3.186
17)	MA 4,4'-DDT	6.955	6.065	200.2E6	247.2E6	118.933	118.405
18)	B Endrin al...	6.848	6.132	4857054	7469547	3.277m	3.952
20)	A Methoxychlor	7.436	6.650	272.2E6	320.7E6	300.042	266.140
21)	B Endrin ke...	7.568	6.863	10044053	13574774	4.688	4.828

(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

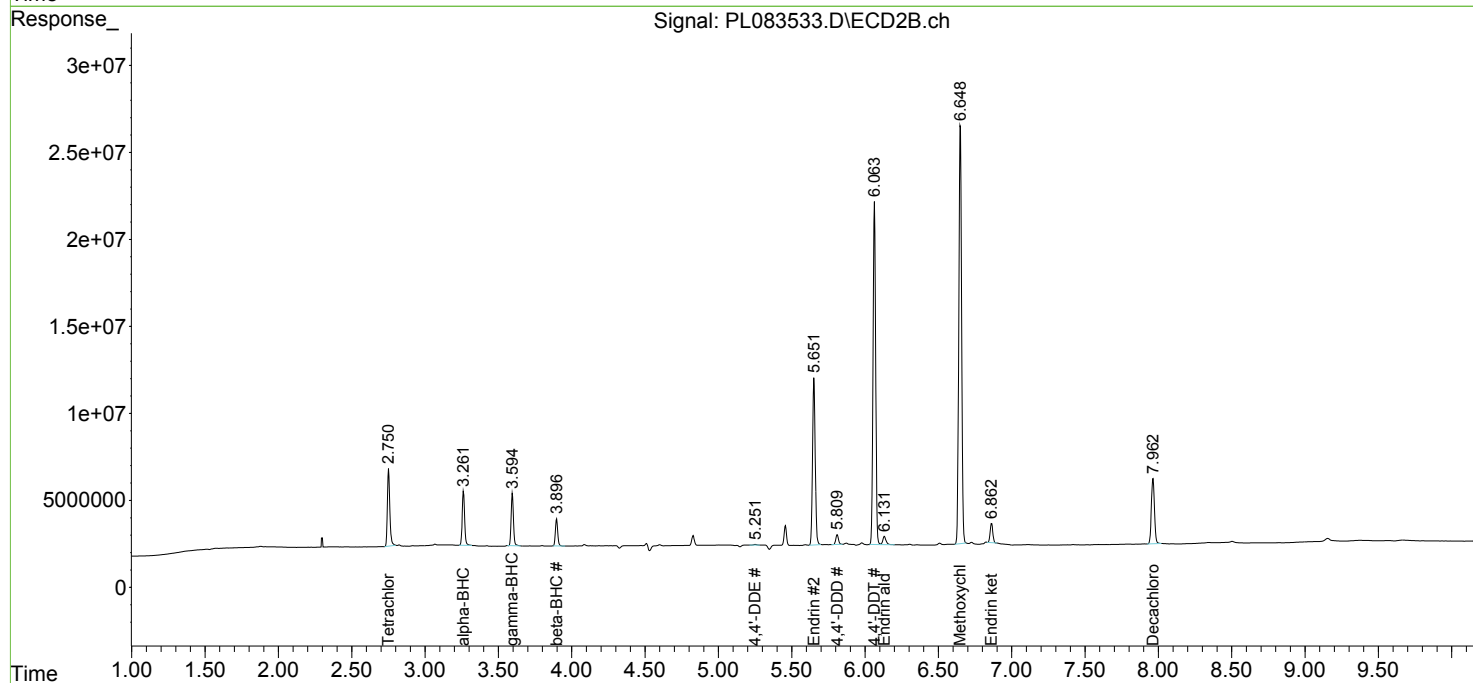
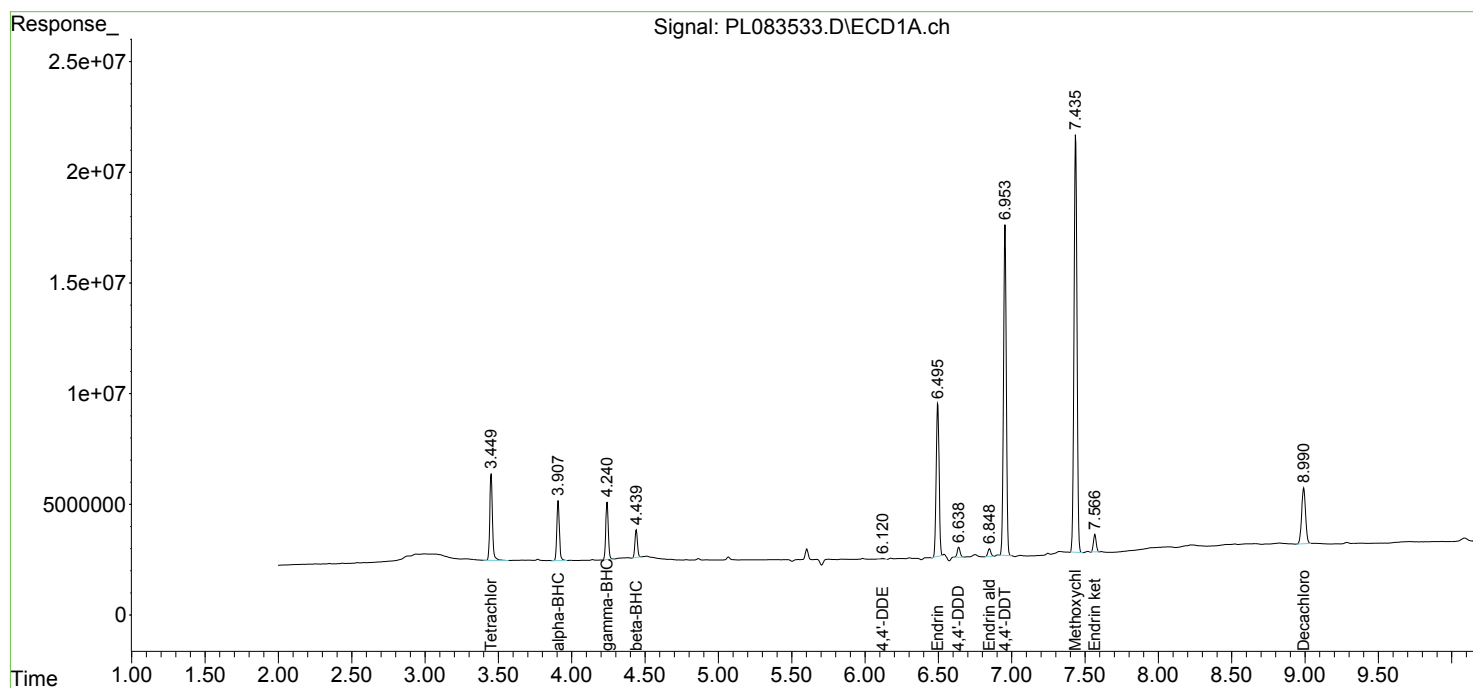
Instrument :
ECD_L
ClientSampleId :
PEM

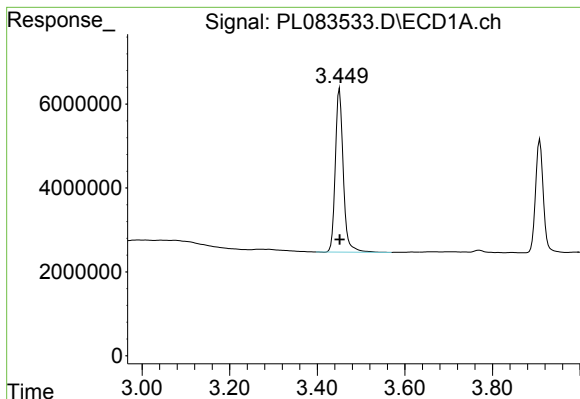
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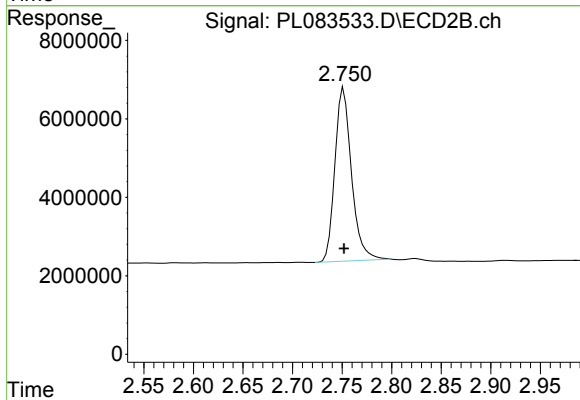
#1 Tetrachloro-m-xylene

R.T.: 3.451 min
Delta R.T.: 0.000 min
Response: 49071026
Conc: 22.20 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

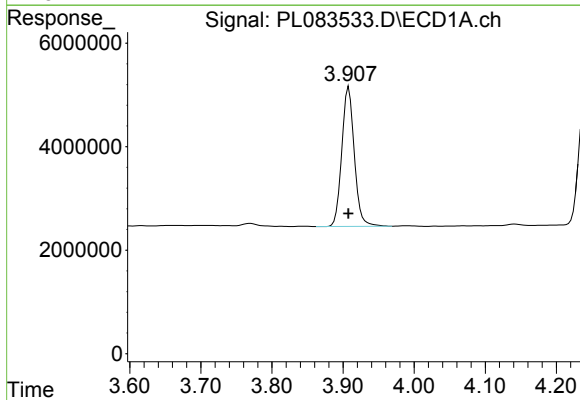
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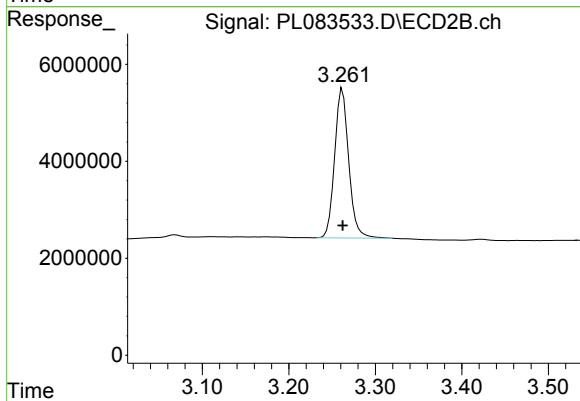
#1 Tetrachloro-m-xylene

R.T.: 2.752 min
Delta R.T.: 0.000 min
Response: 51708621
Conc: 22.20 ng/ml



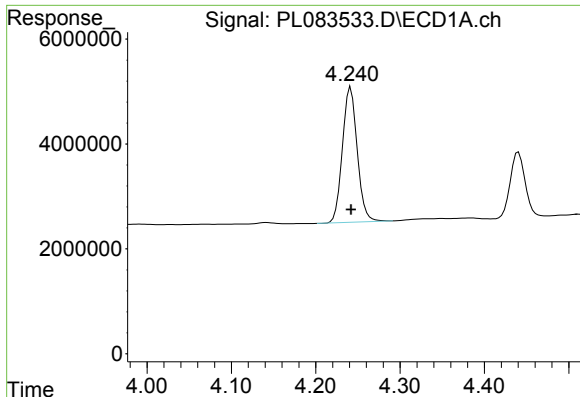
#2 alpha-BHC

R.T.: 3.908 min
Delta R.T.: 0.000 min
Response: 32919077
Conc: 10.57 ng/ml



#2 alpha-BHC

R.T.: 3.262 min
Delta R.T.: 0.000 min
Response: 34736725
Conc: 10.29 ng/ml



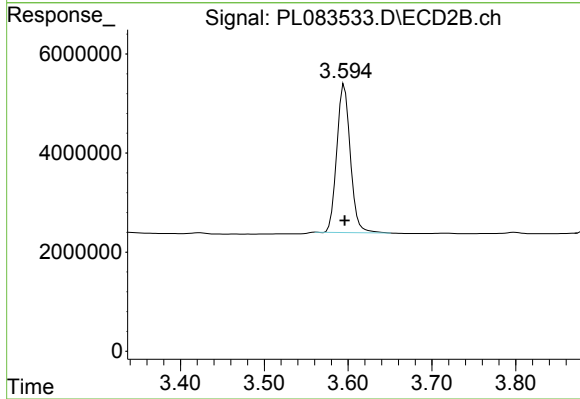
#3 gamma-BHC (Lindane)

R.T.: 4.241 min
Delta R.T.: 0.000 min
Response: 31394409
Conc: 11.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

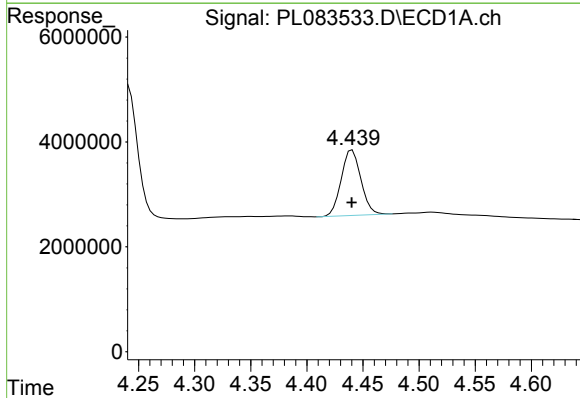
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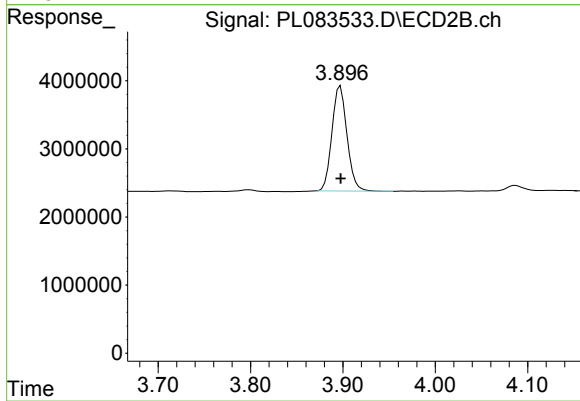
#3 gamma-BHC (Lindane)

R.T.: 3.596 min
Delta R.T.: 0.000 min
Response: 33499059
Conc: 10.43 ng/ml



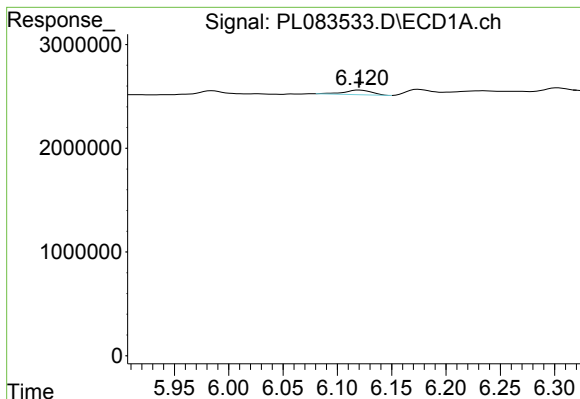
#6 beta-BHC

R.T.: 4.440 min
Delta R.T.: 0.000 min
Response: 15202888
Conc: 11.75 ng/ml



#6 beta-BHC

R.T.: 3.897 min
Delta R.T.: 0.000 min
Response: 17450184
Conc: 11.69 ng/ml



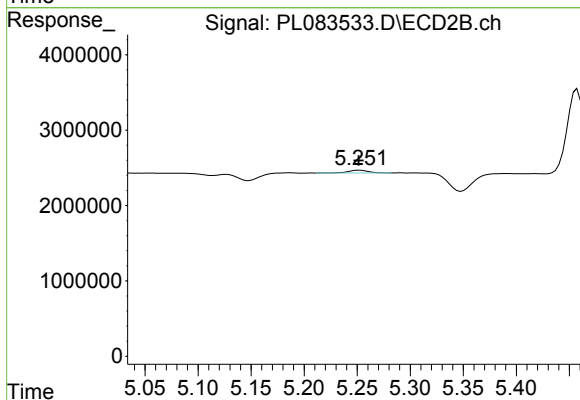
#12 4,4'-DDE

R.T.: 6.120 min
Delta R.T.: 0.000 min
Response: 801134
Conc: 0.40 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

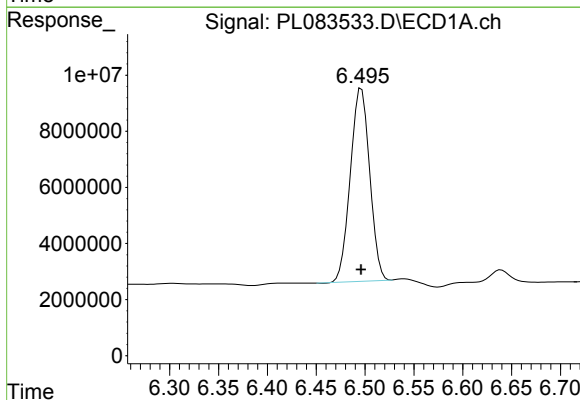
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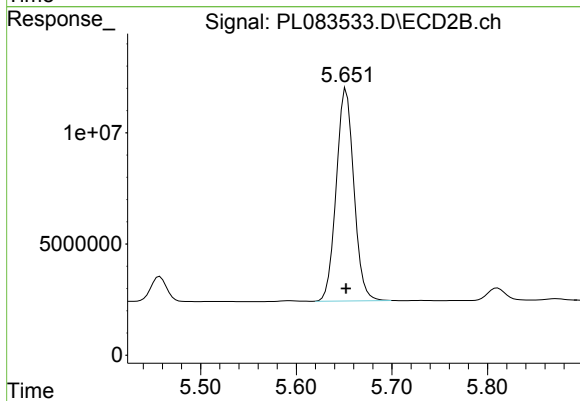
#12 4,4'-DDE

R.T.: 5.252 min
Delta R.T.: 0.000 min
Response: 476978
Conc: 0.19 ng/ml



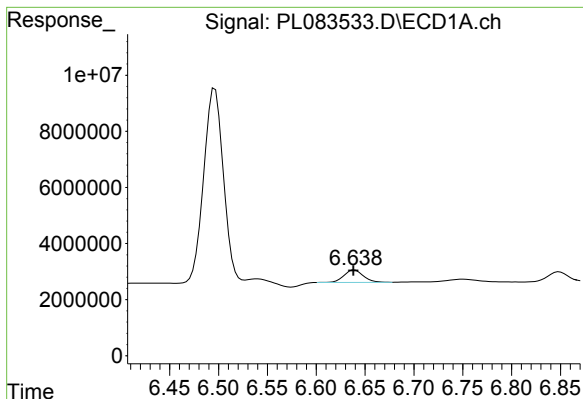
#14 Endrin

R.T.: 6.496 min
Delta R.T.: 0.000 min
Response: 94863476
Conc: 53.75 ng/ml



#14 Endrin

R.T.: 5.652 min
Delta R.T.: 0.000 min
Response: 122333747
Conc: 53.00 ng/ml



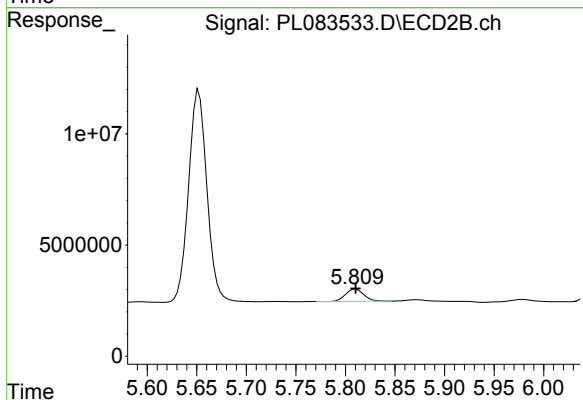
#16 4,4'-DDD

R.T.: 6.639 min
Delta R.T.: 0.001 min
Response: 6110826
Conc: 3.58 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

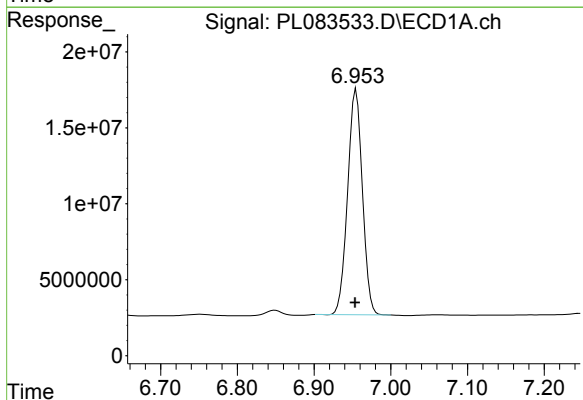
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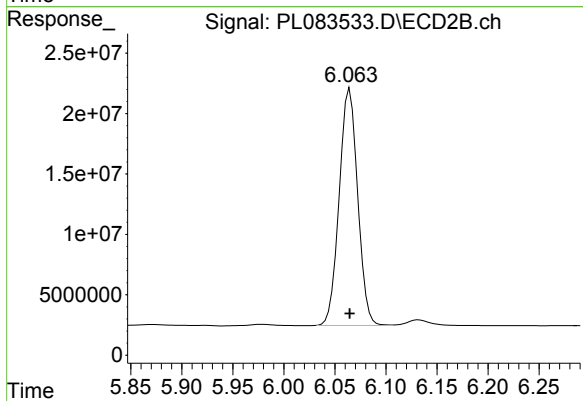
#16 4,4'-DDD

R.T.: 5.810 min
Delta R.T.: 0.000 min
Response: 7025947
Conc: 3.19 ng/ml



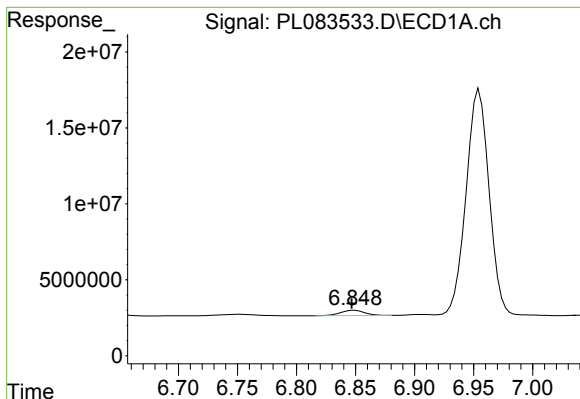
#17 4,4'-DDT

R.T.: 6.955 min
Delta R.T.: 0.001 min
Response: 200243507
Conc: 118.93 ng/ml



#17 4,4'-DDT

R.T.: 6.065 min
Delta R.T.: 0.000 min
Response: 247211684
Conc: 118.41 ng/ml



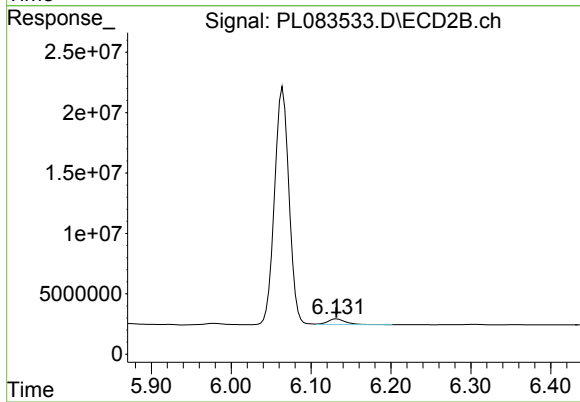
#18 Endrin aldehyde

R.T.: 6.848 min
Delta R.T.: 0.000 min
Response: 4857054
Conc: 3.28 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

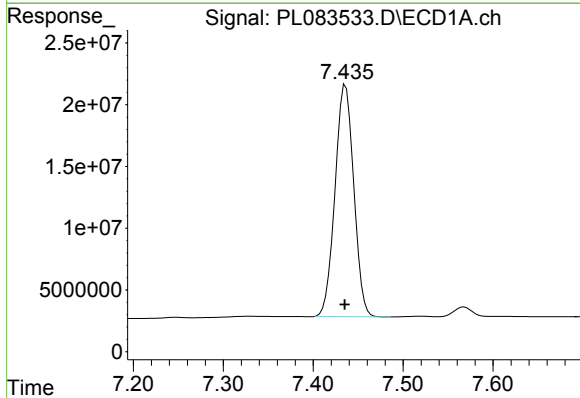
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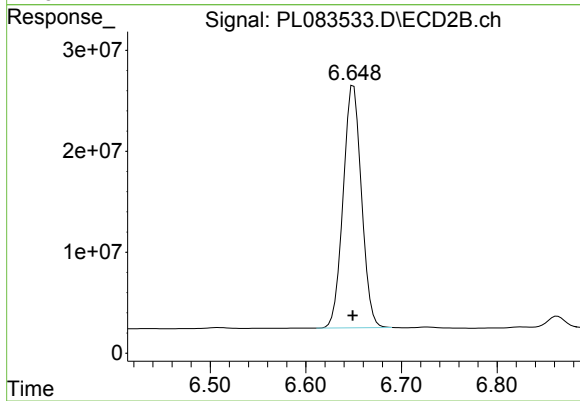
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.000 min
Response: 7469547
Conc: 3.95 ng/ml



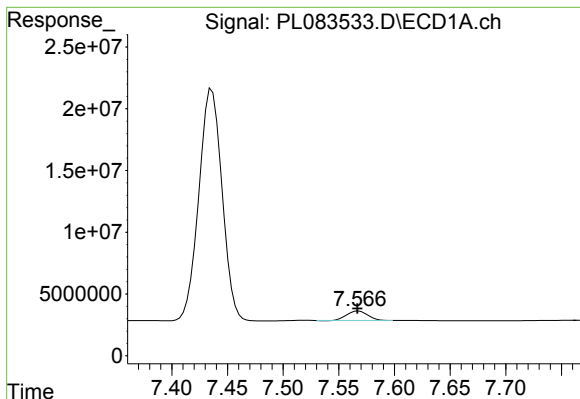
#20 Methoxychlor

R.T.: 7.436 min
Delta R.T.: 0.001 min
Response: 272156421
Conc: 300.04 ng/ml



#20 Methoxychlor

R.T.: 6.650 min
Delta R.T.: 0.000 min
Response: 320744449
Conc: 266.14 ng/ml



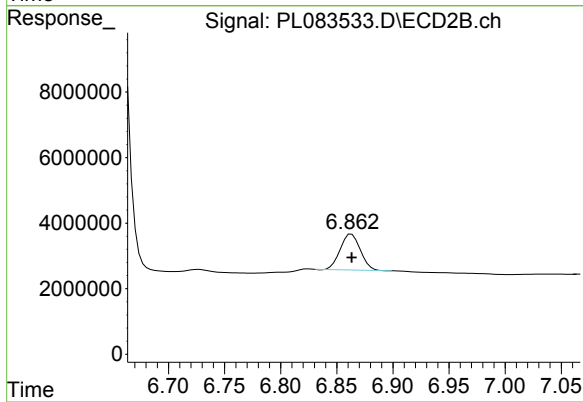
#21 Endrin ketone

R.T.: 7.568 min
Delta R.T.: 0.001 min
Response: 10044053
Conc: 4.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

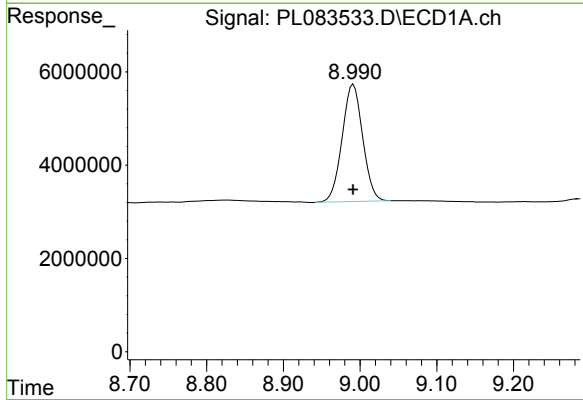
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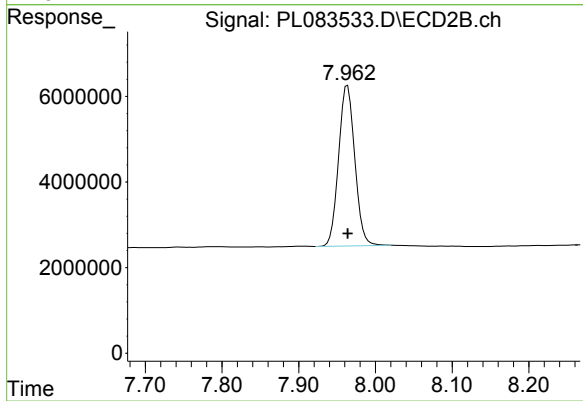
#21 Endrin ketone

R.T.: 6.863 min
Delta R.T.: 0.000 min
Response: 13574774
Conc: 4.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.991 min
Delta R.T.: 0.000 min
Response: 47044534
Conc: 24.69 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.963 min
Delta R.T.: 0.000 min
Response: 55104367
Conc: 22.44 ng/ml