

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL072324\
 Data File : PL090619.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 23 Jul 2024 11:03
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 07/25/2024
 Supervised By : Ankita Jodhani 07/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jul 24 02:06:08 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL071524.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 15 14:16:48 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...	3.546	2.790	45012569	35746217	21.618m	21.240
28)	SA Decachlor...	9.064	7.935	32075953	33152041	24.138	22.737
Target Compounds							
2)	A alpha-BHC	4.002	3.292	33653024	23594750	11.341	9.766m
3)	MA gamma-BHC...	4.335	3.622	31734158	23057865	11.332	9.999m
6)	B beta-BHC	4.531	3.922	15494670	11872645	12.215	11.502
12)	B 4,4'-DDE	6.200	5.251	742583	543692	0.367m	0.304m
14)	MA Endrin	6.583	5.658	86635975	81415731	47.125	47.304
16)	A 4,4'-DDD	6.717	5.806	6898266	5104620	4.086	3.407
17)	MA 4,4'-DDT	7.031	6.057	159.5E6	163.2E6	94.768	111.406
18)	B Endrin al...	6.929	6.132	3571210	3573053	2.407m	2.735
20)	A Methoxychlor	7.505	6.631	203.7E6	201.9E6	230.765m	249.729m
21)	B Endrin ke...	7.650	6.860	8304020	7360013	4.350	4.027

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

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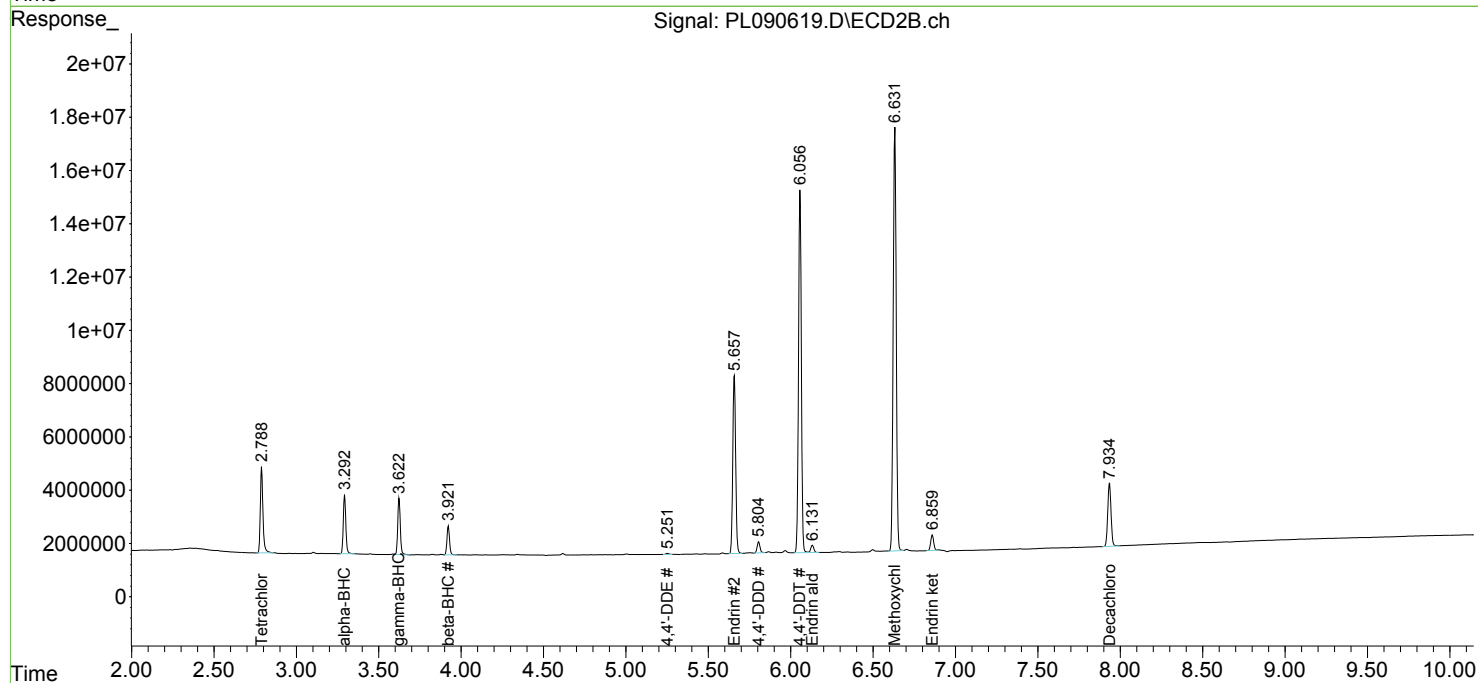
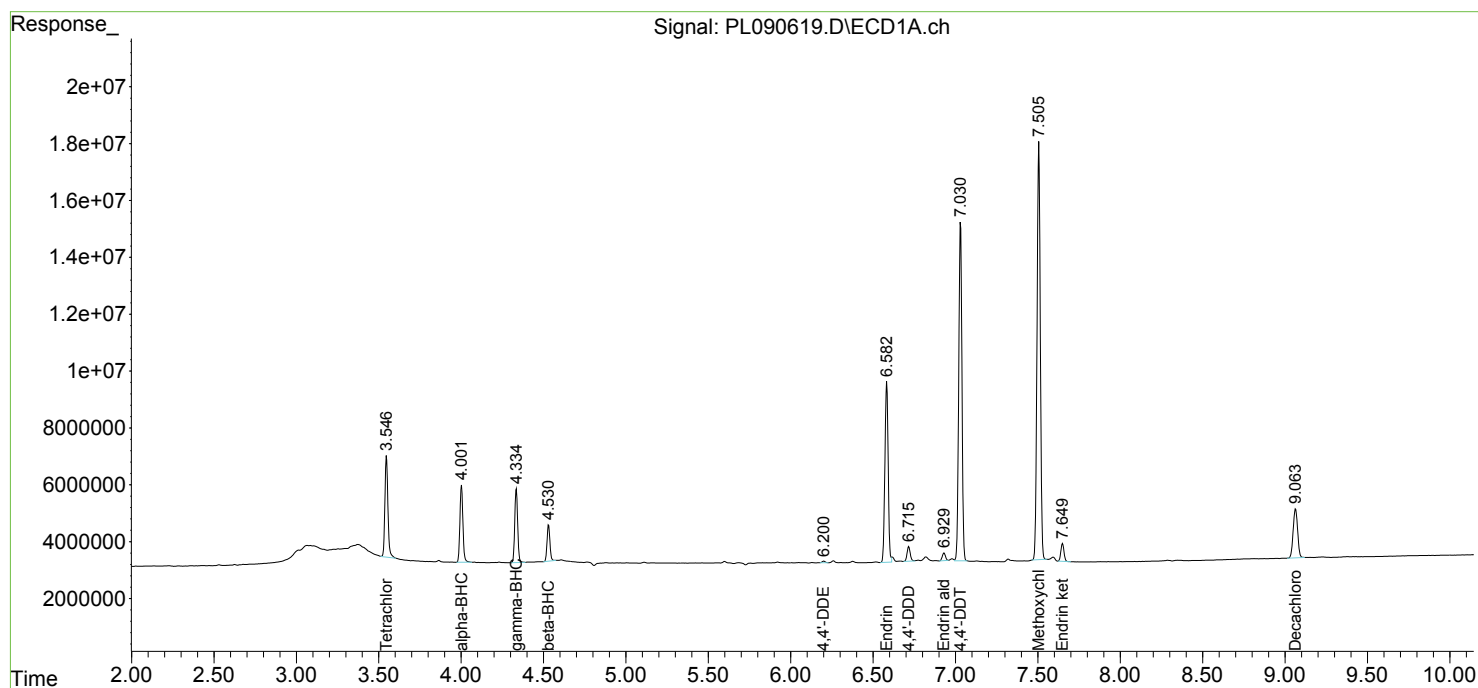
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PEM

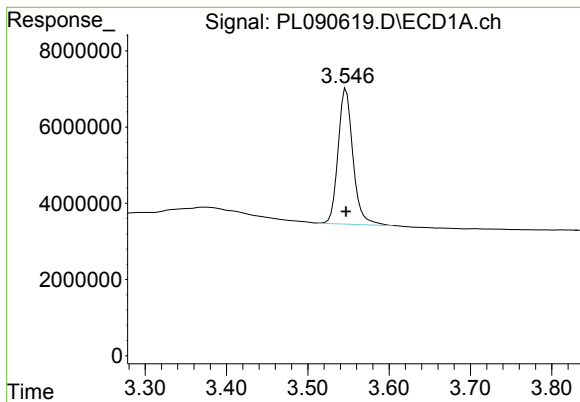
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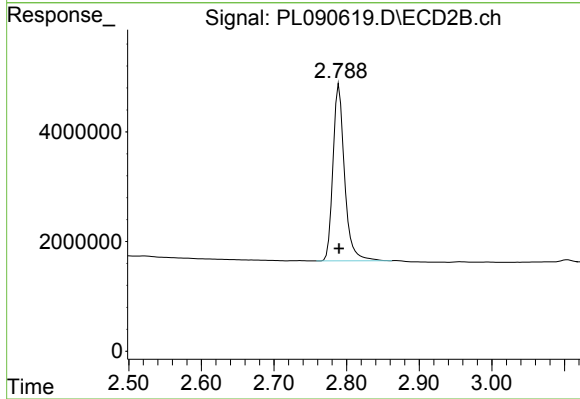
#1 Tetrachloro-m-xylene

R.T.: 3.546 min
Delta R.T.: -0.001 min
Response: 45012569
Conc: 21.62 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

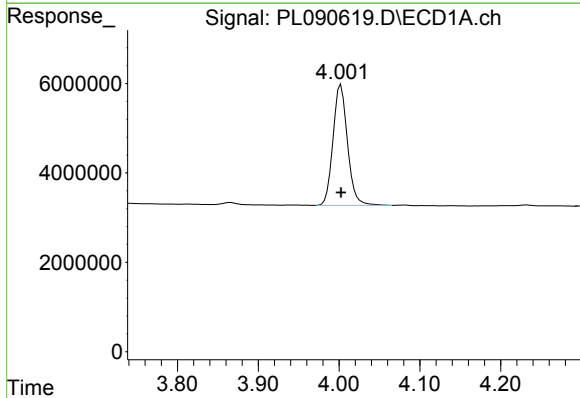
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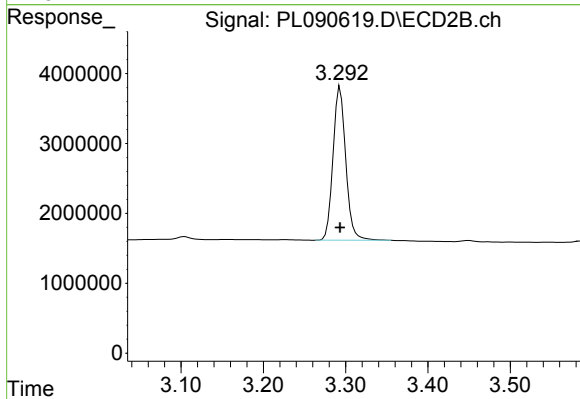
#1 Tetrachloro-m-xylene

R.T.: 2.790 min
Delta R.T.: 0.000 min
Response: 35746217
Conc: 21.24 ng/ml



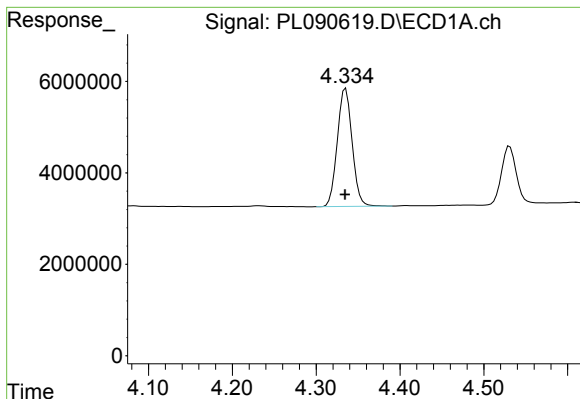
#2 alpha-BHC

R.T.: 4.002 min
Delta R.T.: 0.000 min
Response: 33653024
Conc: 11.34 ng/ml



#2 alpha-BHC

R.T.: 3.292 min
Delta R.T.: -0.001 min
Response: 23594750
Conc: 9.77 ng/ml m



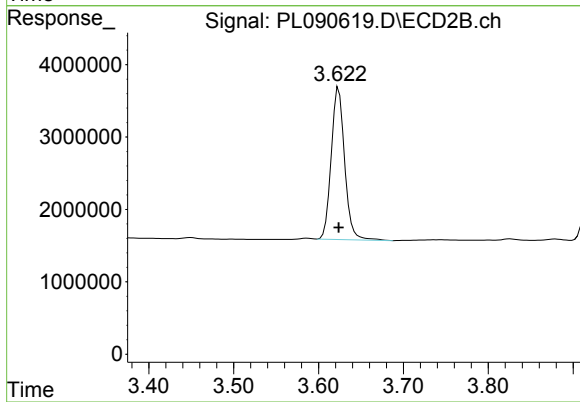
#3 gamma-BHC (Lindane)

R.T.: 4.335 min
Delta R.T.: 0.000 min
Response: 31734158
Conc: 11.33 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

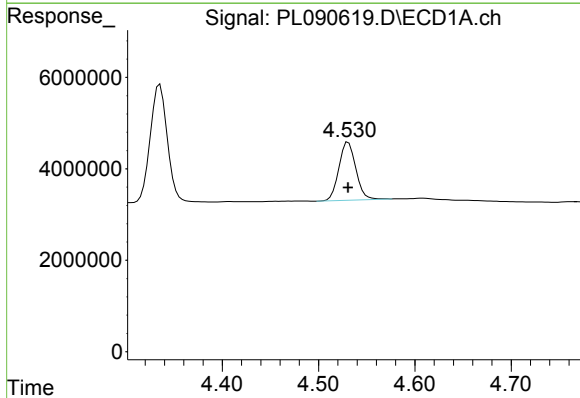
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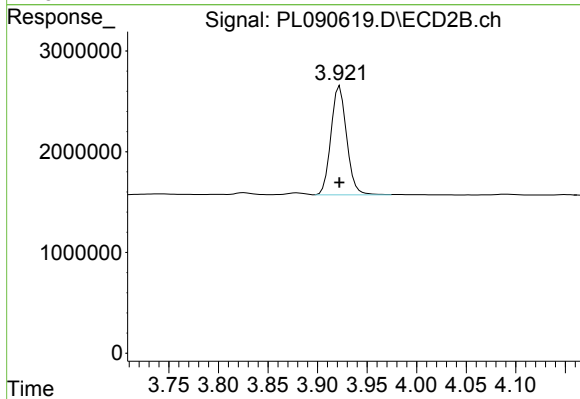
#3 gamma-BHC (Lindane)

R.T.: 3.622 min
Delta R.T.: -0.001 min
Response: 23057865
Conc: 10.00 ng/ml m



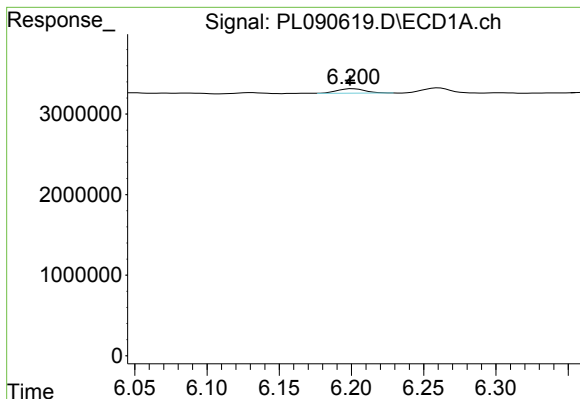
#6 beta-BHC

R.T.: 4.531 min
Delta R.T.: 0.000 min
Response: 15494670
Conc: 12.21 ng/ml



#6 beta-BHC

R.T.: 3.922 min
Delta R.T.: 0.000 min
Response: 11872645
Conc: 11.50 ng/ml



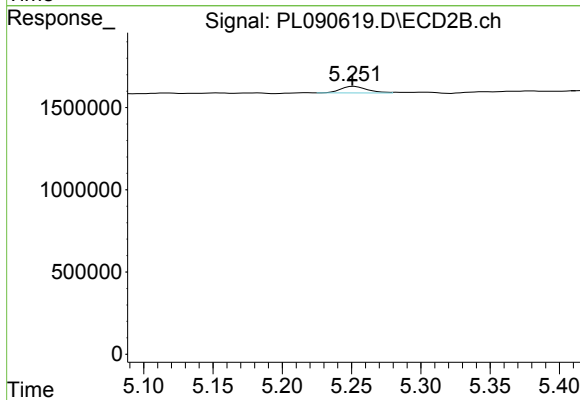
#12 4,4'-DDE

R.T.: 6.200 min
Delta R.T.: 0.000 min
Response: 742583
Conc: 0.37 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

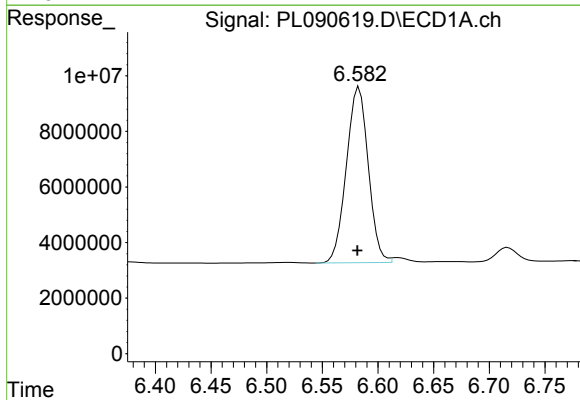
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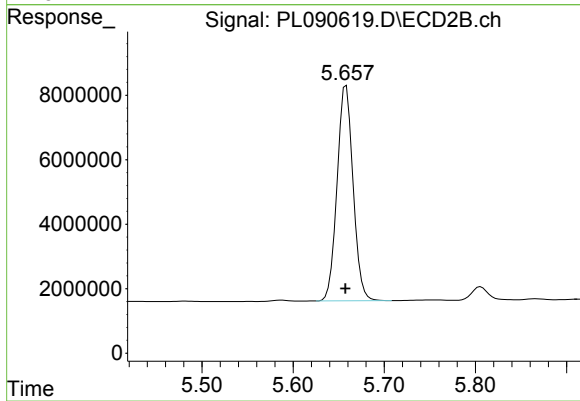
#12 4,4'-DDE

R.T.: 5.251 min
Delta R.T.: 0.000 min
Response: 543692
Conc: 0.30 ng/ml m



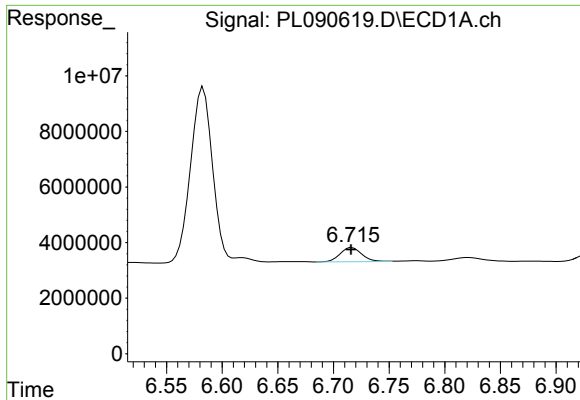
#14 Endrin

R.T.: 6.583 min
Delta R.T.: 0.001 min
Response: 86635975
Conc: 47.12 ng/ml



#14 Endrin

R.T.: 5.658 min
Delta R.T.: 0.000 min
Response: 81415731
Conc: 47.30 ng/ml



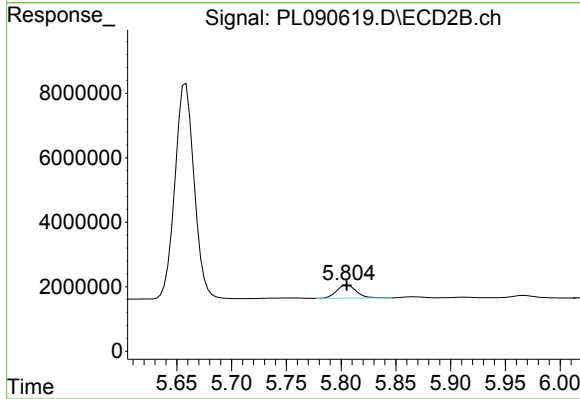
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: 0.000 min
Response: 6898266
Conc: 4.09 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

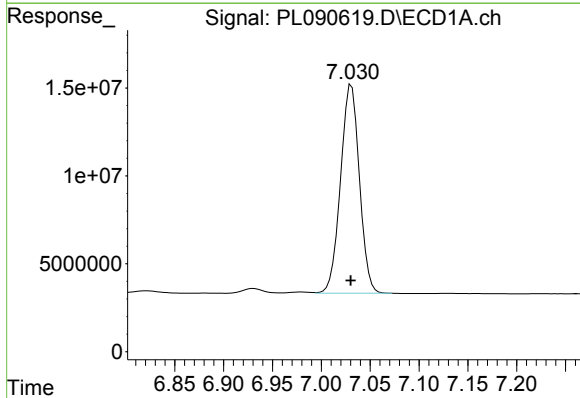
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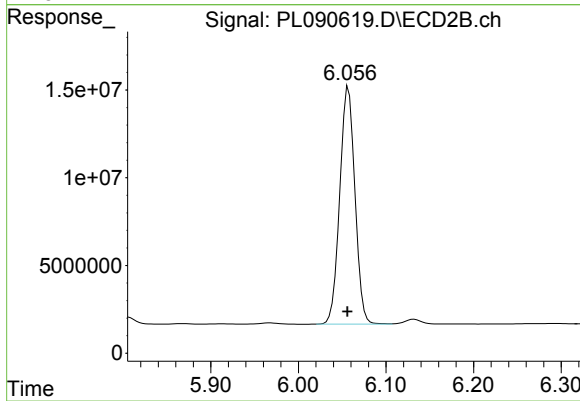
#16 4,4'-DDD

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 5104620
Conc: 3.41 ng/ml



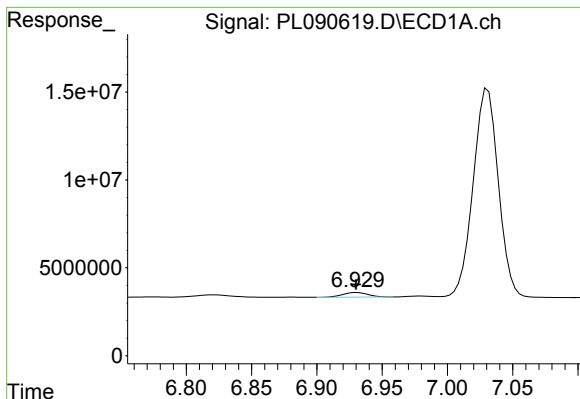
#17 4,4'-DDT

R.T.: 7.031 min
Delta R.T.: 0.000 min
Response: 159521744
Conc: 94.77 ng/ml



#17 4,4'-DDT

R.T.: 6.057 min
Delta R.T.: 0.001 min
Response: 163226631
Conc: 111.41 ng/ml



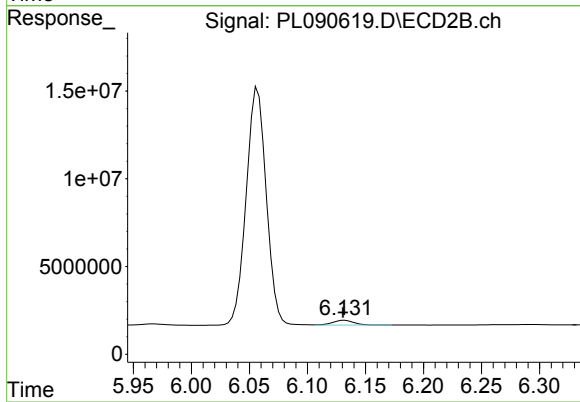
#18 Endrin aldehyde

R.T.: 6.929 min
Delta R.T.: 0.000 min
Response: 3571210
Conc: 2.41 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

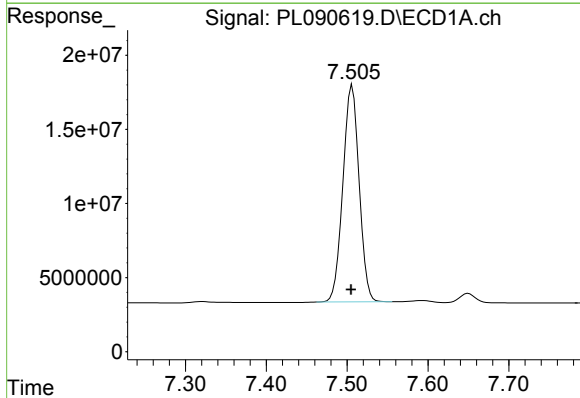
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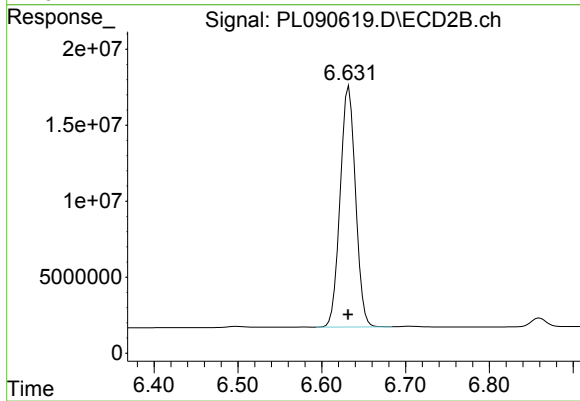
#18 Endrin aldehyde

R.T.: 6.132 min
Delta R.T.: 0.001 min
Response: 3573053
Conc: 2.73 ng/ml



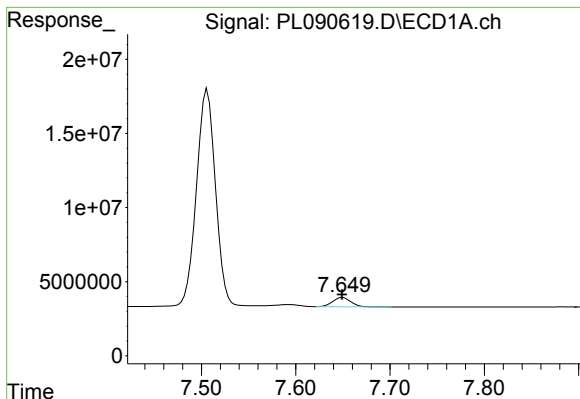
#20 Methoxychlor

R.T.: 7.505 min
Delta R.T.: 0.000 min
Response: 203744648
Conc: 230.76 ng/ml m



#20 Methoxychlor

R.T.: 6.631 min
Delta R.T.: 0.000 min
Response: 201918132
Conc: 249.73 ng/ml m



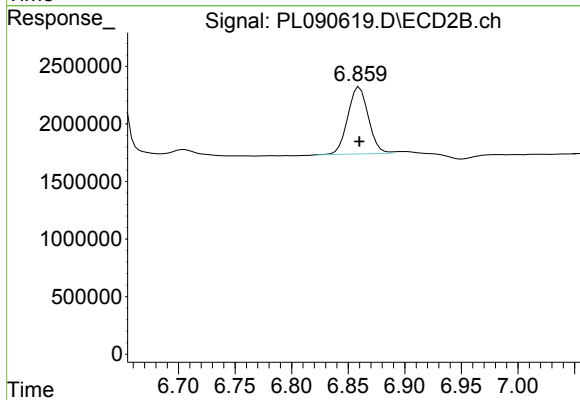
#21 Endrin ketone

R.T.: 7.650 min
Delta R.T.: 0.000 min
Response: 8304020
Conc: 4.35 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

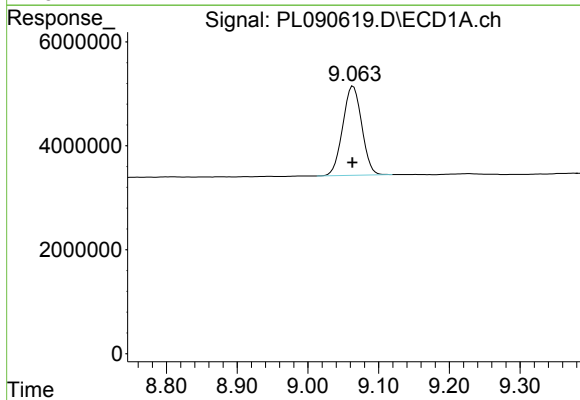
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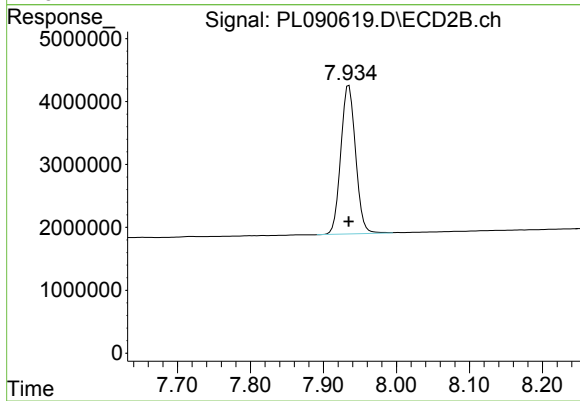
#21 Endrin ketone

R.T.: 6.860 min
Delta R.T.: 0.000 min
Response: 7360013
Conc: 4.03 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.064 min
Delta R.T.: 0.001 min
Response: 32075953
Conc: 24.14 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.935 min
Delta R.T.: 0.000 min
Response: 33152041
Conc: 22.74 ng/ml