

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL101323\
 Data File : PL085919.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Oct 2023 18:44
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/16/2023
 Supervised By : Ankita Jodhani 10/17/2023

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 14 01:24:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL100323.M
 Quant Title : GC Extractables
 QLast Update : Wed Oct 04 05:29:39 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...	3.356	2.622	59769960	17791433	20.096	19.046
28)	SA Decachlor...	8.858	7.775	52220357	22026096	23.976	23.864
Target Compounds							
2)	A alpha-BHC	3.810	3.121	42012469	11280865	9.789	8.966
3)	MA gamma-BHC...	4.142	3.448	40283862	11440607	9.746	9.276
6)	B beta-BHC	4.345	3.750	19618251	6260205	11.864	12.025
12)	B 4,4'-DDE	6.015	5.084	418665	87034	0.150m	0.106m#
14)	MA Endrin	6.388	5.473	138.1E6	49270016	48.451	54.805
16)	A 4,4'-DDD	6.538	5.637	2058892	718242	1.022	1.032
17)	MA 4,4'-DDT	6.852	5.887	272.9E6	104.6E6	115.772	132.284
18)	B Endrin al...	6.742	5.952	3860838	2623081	1.905	3.518m#
20)	A Methoxychlor	7.338	6.472	365.2E6	142.9E6	261.458	271.705
21)	B Endrin ke...	7.460	6.678	6795114	3298807	2.359	2.870

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

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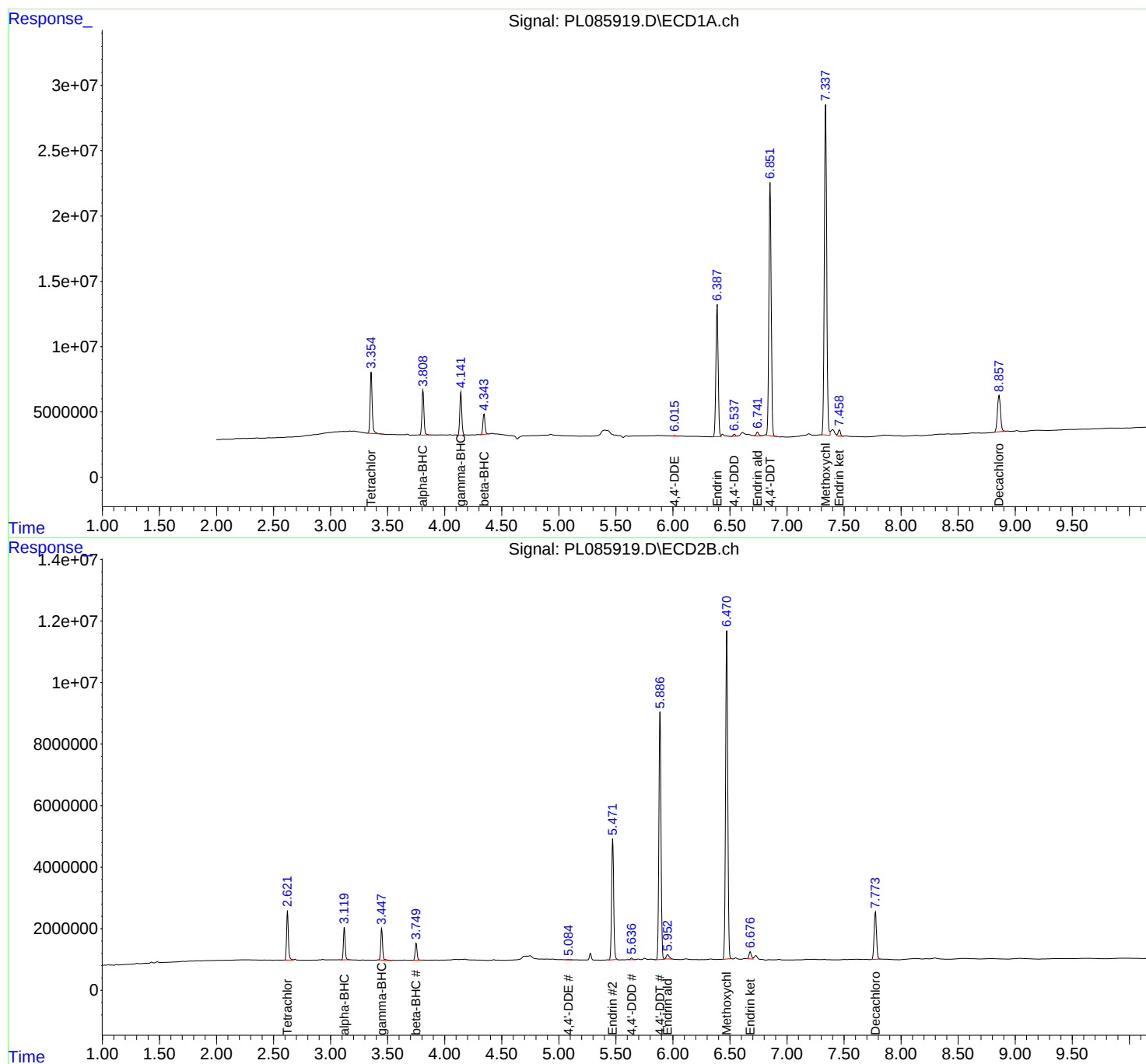
Instrument :
ECD_L
ClientSampleId :
PEM

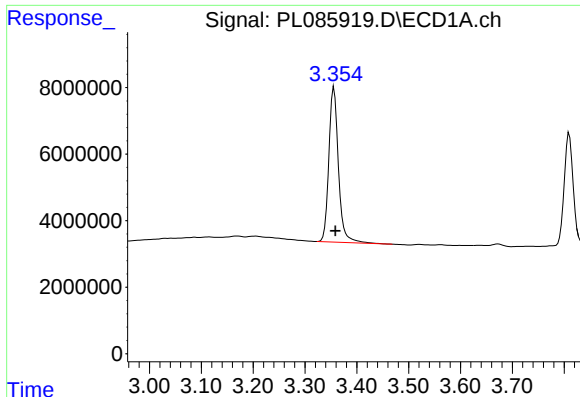
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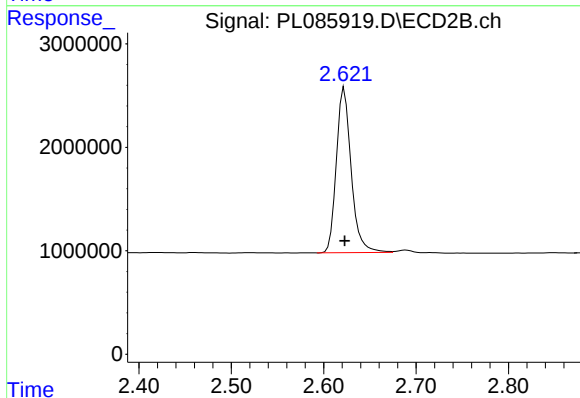
#1 Tetrachloro-m-xylene

R.T.: 3.356 min
Delta R.T.: -0.003 min
Response: 59769960
Conc: 20.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

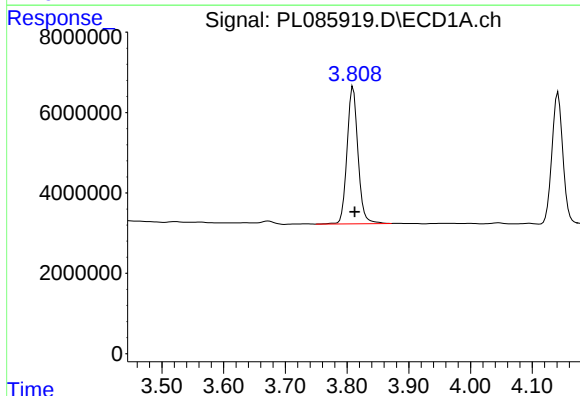
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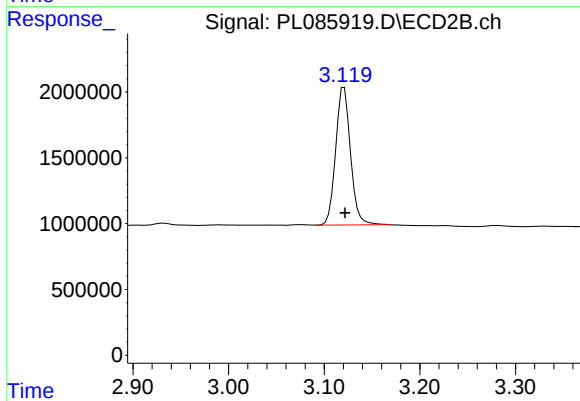
#1 Tetrachloro-m-xylene

R.T.: 2.622 min
Delta R.T.: 0.000 min
Response: 17791433
Conc: 19.05 ng/ml



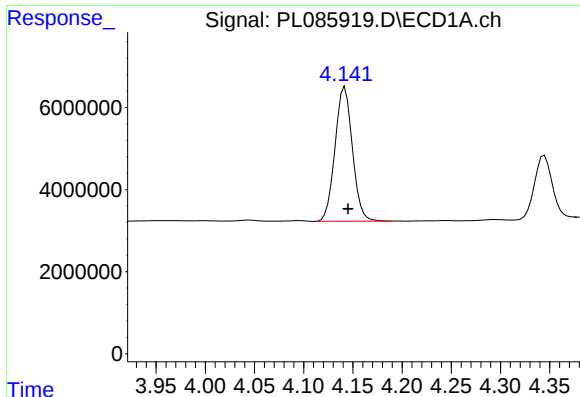
#2 alpha-BHC

R.T.: 3.810 min
Delta R.T.: -0.003 min
Response: 42012469
Conc: 9.79 ng/ml



#2 alpha-BHC

R.T.: 3.121 min
Delta R.T.: 0.000 min
Response: 11280865
Conc: 8.97 ng/ml



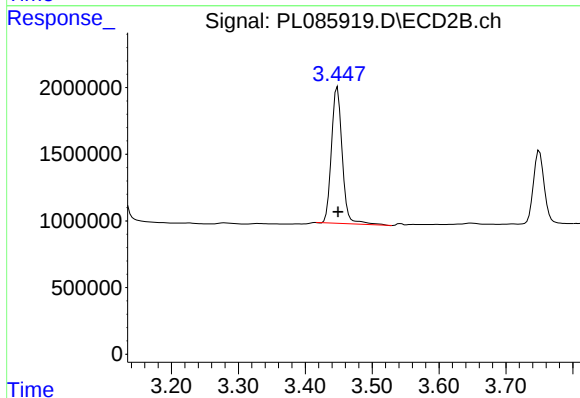
#3 gamma-BHC (Lindane)

R.T.: 4.142 min
Delta R.T.: -0.003 min
Response: 40283862
Conc: 9.75 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

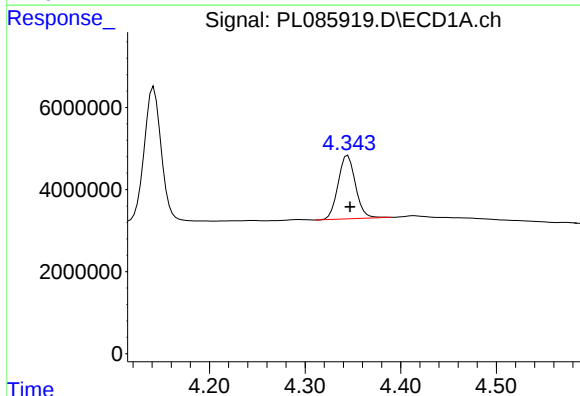
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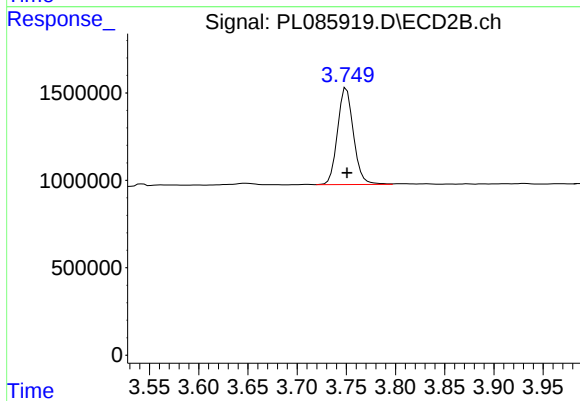
#3 gamma-BHC (Lindane)

R.T.: 3.448 min
Delta R.T.: 0.000 min
Response: 11440607
Conc: 9.28 ng/ml



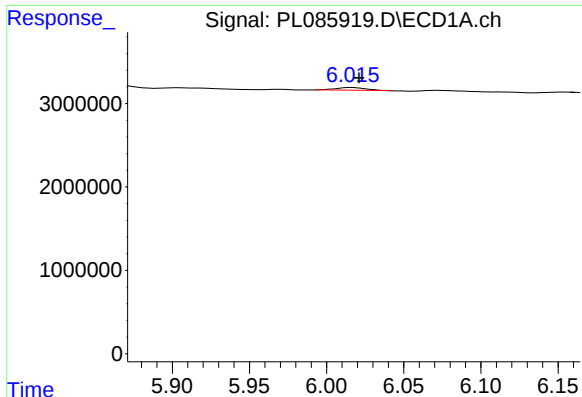
#6 beta-BHC

R.T.: 4.345 min
Delta R.T.: -0.002 min
Response: 19618251
Conc: 11.86 ng/ml



#6 beta-BHC

R.T.: 3.750 min
Delta R.T.: 0.000 min
Response: 6260205
Conc: 12.03 ng/ml



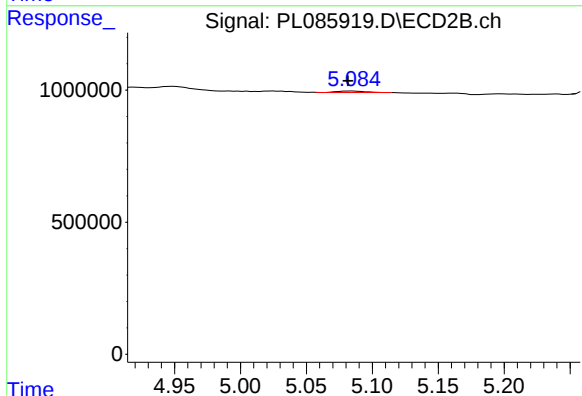
#12 4,4'-DDE

R.T.: 6.015 min
Delta R.T.: -0.006 min
Response: 418665
Conc: 0.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

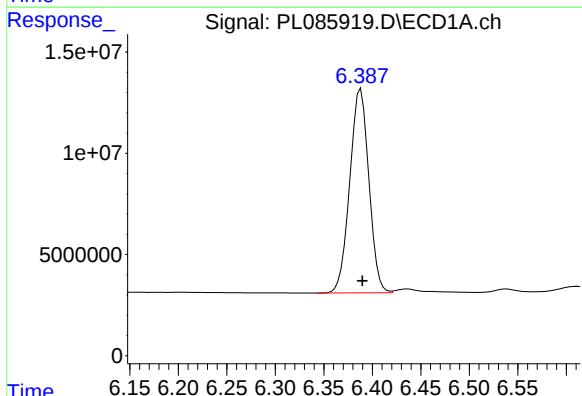
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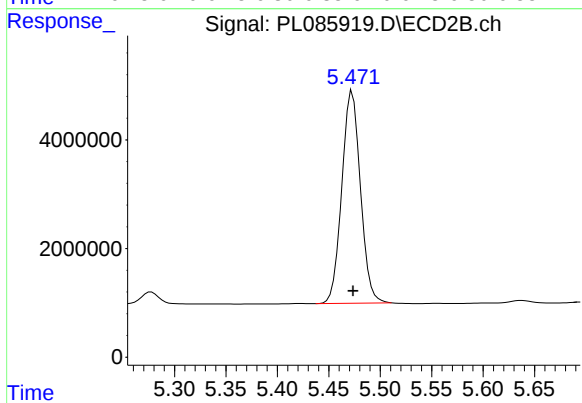
#12 4,4'-DDE

R.T.: 5.084 min
Delta R.T.: 0.002 min
Response: 87034
Conc: 0.11 ng/ml m



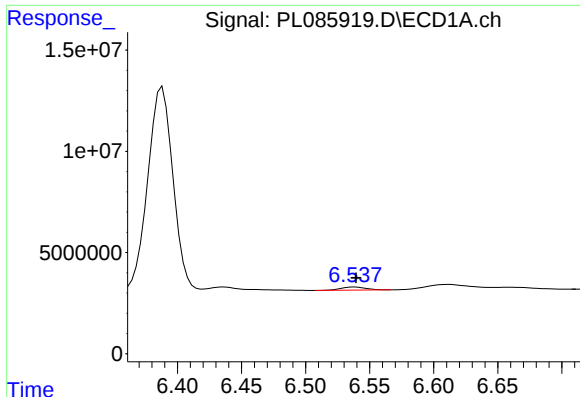
#14 Endrin

R.T.: 6.388 min
Delta R.T.: -0.002 min
Response: 138073055
Conc: 48.45 ng/ml



#14 Endrin

R.T.: 5.473 min
Delta R.T.: 0.000 min
Response: 49270016
Conc: 54.81 ng/ml



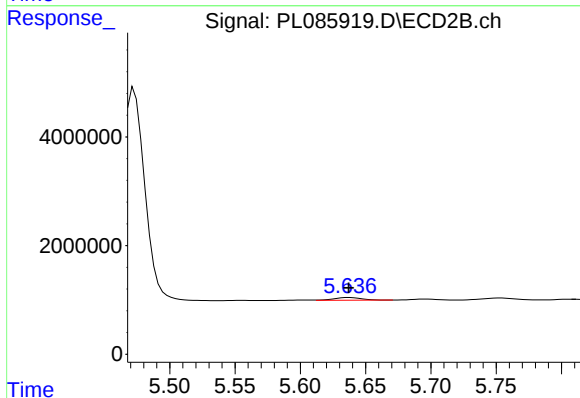
#16 4,4'-DDD

R.T.: 6.538 min
Delta R.T.: -0.001 min
Response: 2058892
Conc: 1.02 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

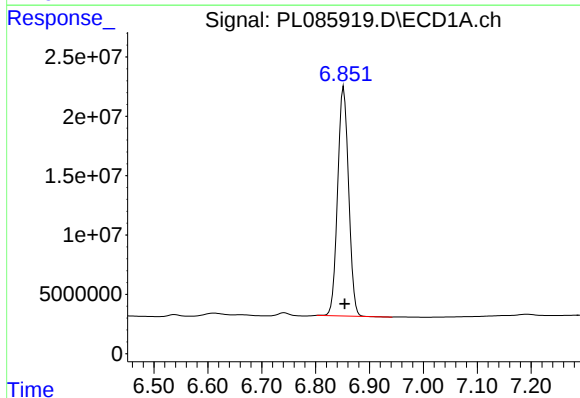
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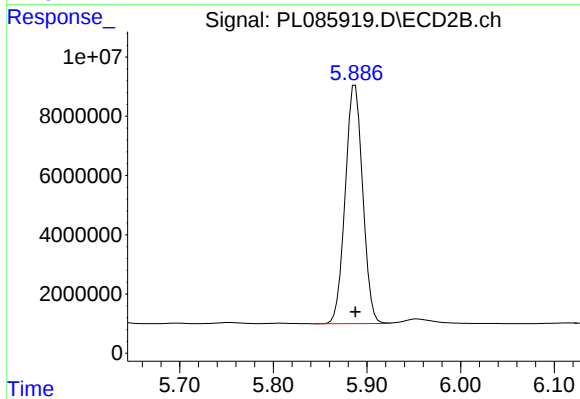
#16 4,4'-DDD

R.T.: 5.637 min
Delta R.T.: 0.000 min
Response: 718242
Conc: 1.03 ng/ml



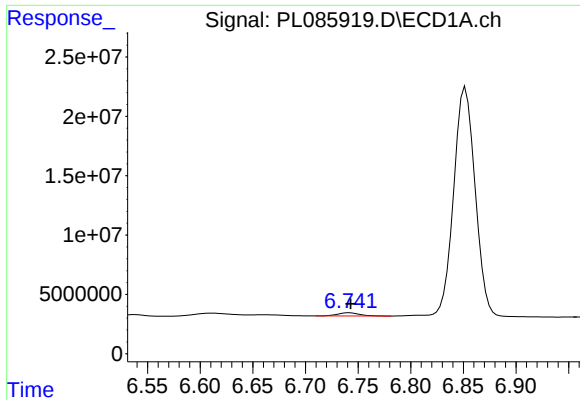
#17 4,4'-DDT

R.T.: 6.852 min
Delta R.T.: -0.002 min
Response: 272885570
Conc: 115.77 ng/ml



#17 4,4'-DDT

R.T.: 5.887 min
Delta R.T.: 0.000 min
Response: 104604050
Conc: 132.28 ng/ml



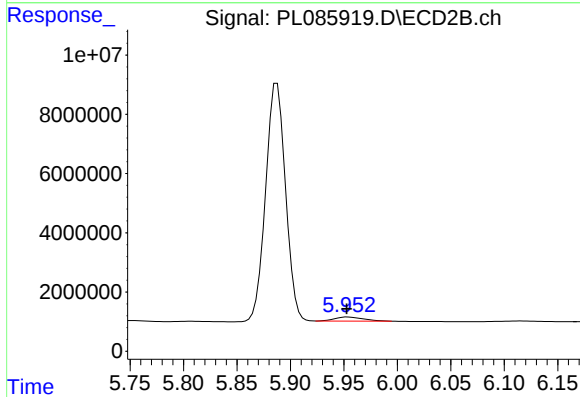
#18 Endrin aldehyde

R.T.: 6.742 min
Delta R.T.: 0.000 min
Response: 3860838
Conc: 1.90 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

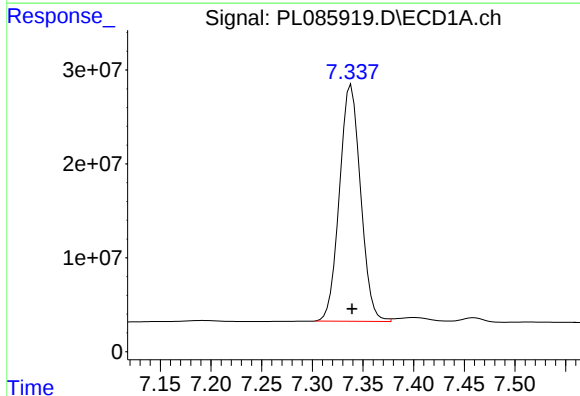
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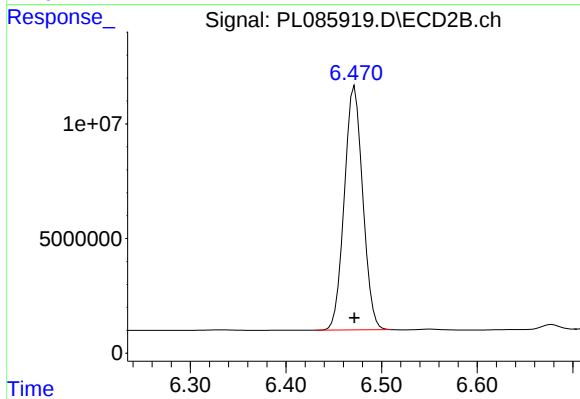
#18 Endrin aldehyde

R.T.: 5.952 min
Delta R.T.: 0.000 min
Response: 2623081
Conc: 3.52 ng/ml m



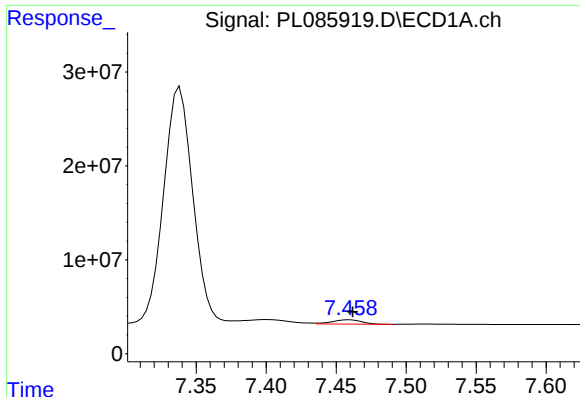
#20 Methoxychlor

R.T.: 7.338 min
Delta R.T.: 0.000 min
Response: 365156825
Conc: 261.46 ng/ml



#20 Methoxychlor

R.T.: 6.472 min
Delta R.T.: 0.000 min
Response: 142937905
Conc: 271.71 ng/ml



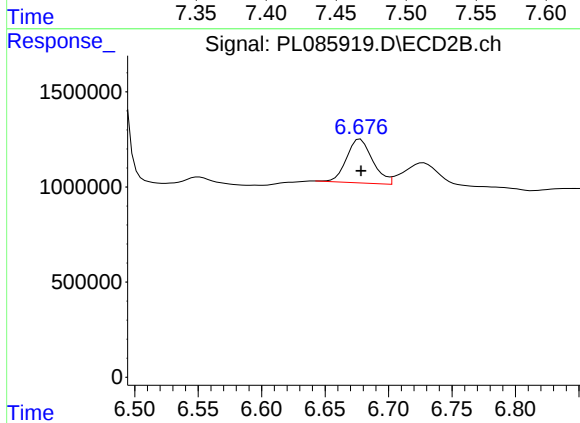
#21 Endrin ketone

R.T.: 7.460 min
Delta R.T.: -0.002 min
Response: 6795114
Conc: 2.36 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

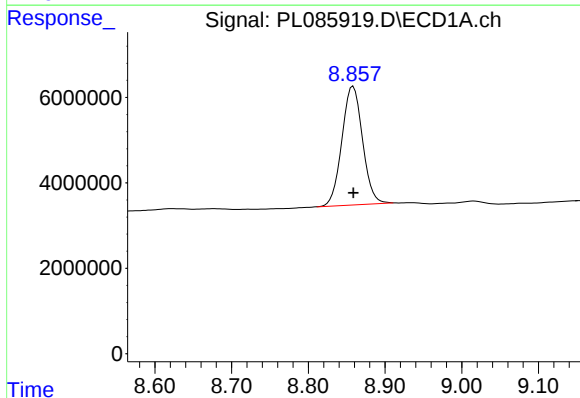
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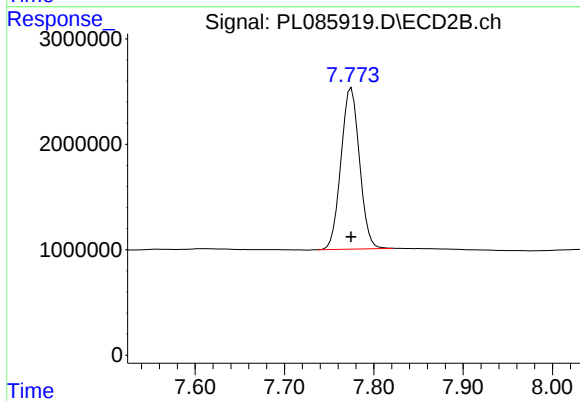
#21 Endrin ketone

R.T.: 6.678 min
Delta R.T.: 0.000 min
Response: 3298807
Conc: 2.87 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.858 min
Delta R.T.: 0.000 min
Response: 52220357
Conc: 23.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.775 min
Delta R.T.: 0.000 min
Response: 22026096
Conc: 23.86 ng/ml