

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL042424\
 Data File : PL089160.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 24 Apr 2024 10:21
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 04/25/2024
 Supervised By : Ankita Jodhani 04/25/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Apr 25 01:26:48 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL041524.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 15 18:43:22 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...	3.551	2.798	47696471	29239278	22.442	21.937
28)	SA Decachlor...	9.065	7.950	30551263	29228688	23.985	21.827
Target Compounds							
2)	A alpha-BHC	4.006	3.303	34866151	19740369	11.661	9.977
3)	MA gamma-BHC...	4.338	3.633	33112826	18735308	11.477	9.739
6)	B beta-BHC	4.533	3.931	15794149	9804244	11.770	11.731
12)	B 4,4'-DDE	6.202	5.263	1007349	329844	0.501m	0.224m#
14)	MA Endrin	6.585	5.671	97365691	76490307	51.808	52.630
16)	A 4,4'-DDD	6.717	5.817	3440273	1936573	2.134m	1.599m#
17)	MA 4,4'-DDT	7.034	6.070	172.0E6	156.0E6	94.414	119.019 #
18)	B Endrin al...	6.934	6.144	4129823	2567239	2.822	2.336
20)	A Methoxychlor	7.508	6.645	220.8E6	197.8E6	250.636	264.704
21)	B Endrin ke...	7.652	6.873	6606845	4482873	3.426	2.832

(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

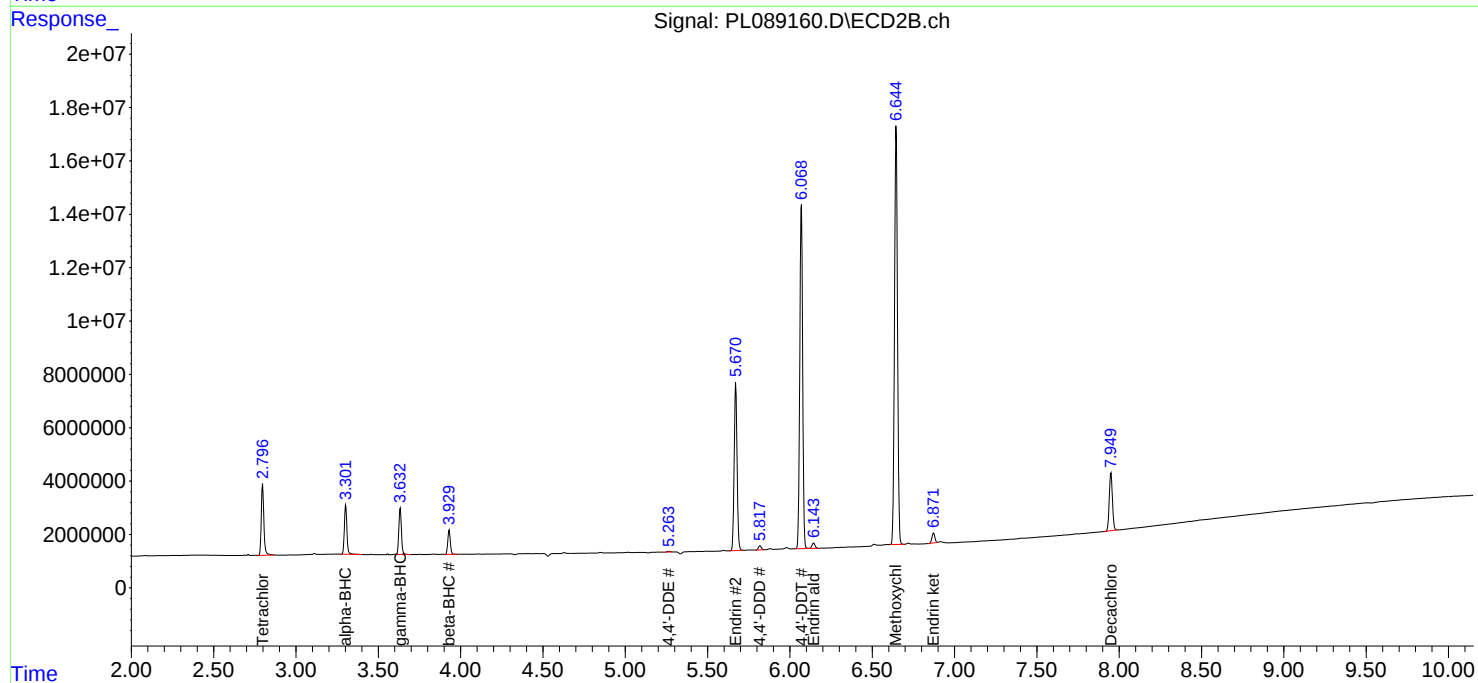
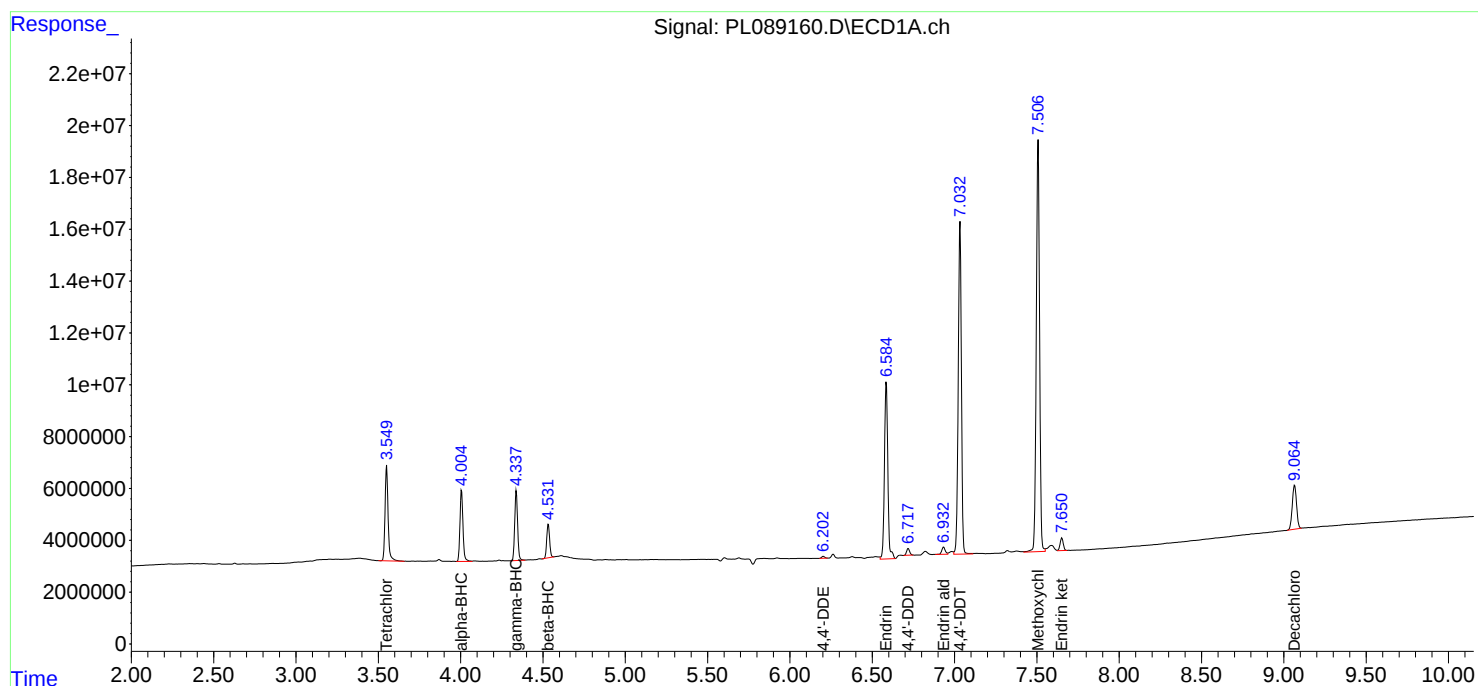
Instrument :
ECD_L
ClientSampleId :
PEM

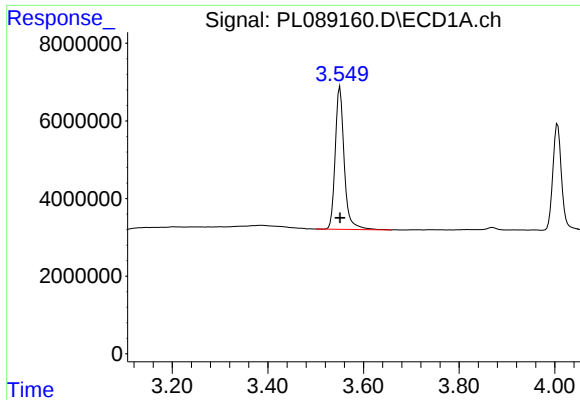
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Integration File signal 1: autoint1.e
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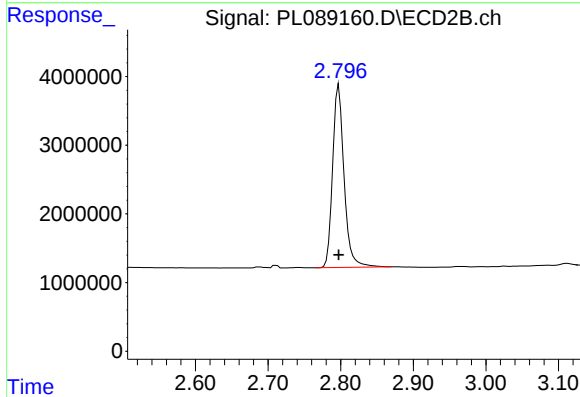
#1 Tetrachloro-m-xylene

R.T.: 3.551 min
Delta R.T.: 0.000 min
Response: 47696471
Conc: 22.44 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

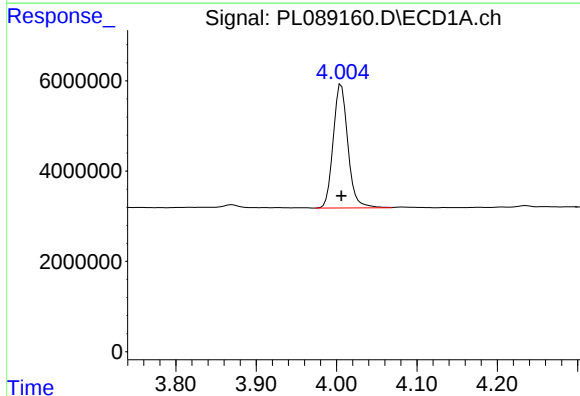
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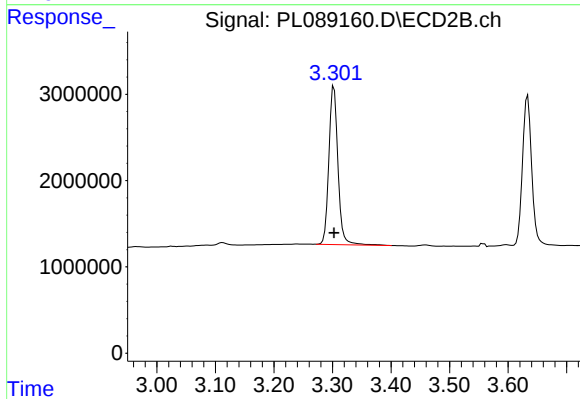
#1 Tetrachloro-m-xylene

R.T.: 2.798 min
Delta R.T.: 0.000 min
Response: 29239278
Conc: 21.94 ng/ml



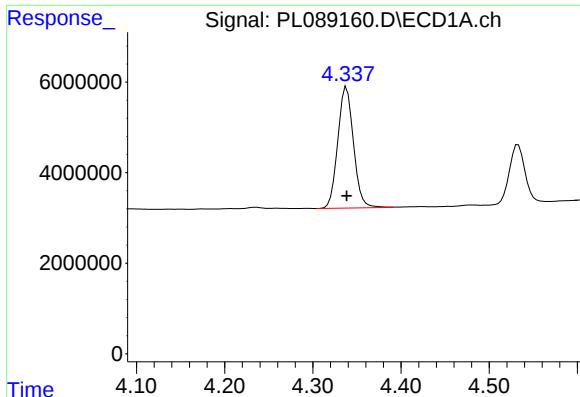
#2 alpha-BHC

R.T.: 4.006 min
Delta R.T.: 0.000 min
Response: 34866151
Conc: 11.66 ng/ml



#2 alpha-BHC

R.T.: 3.303 min
Delta R.T.: 0.000 min
Response: 19740369
Conc: 9.98 ng/ml



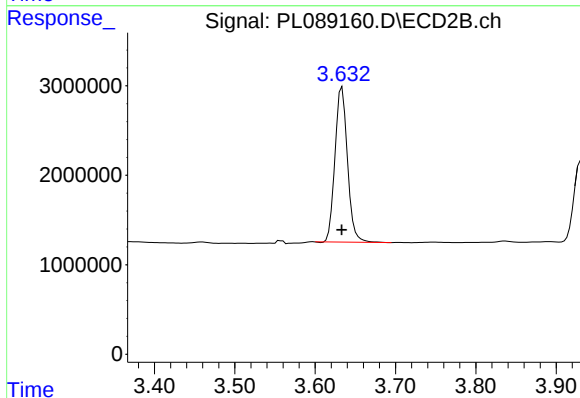
#3 gamma-BHC (Lindane)

R.T.: 4.338 min
Delta R.T.: 0.000 min
Response: 33112826
Conc: 11.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

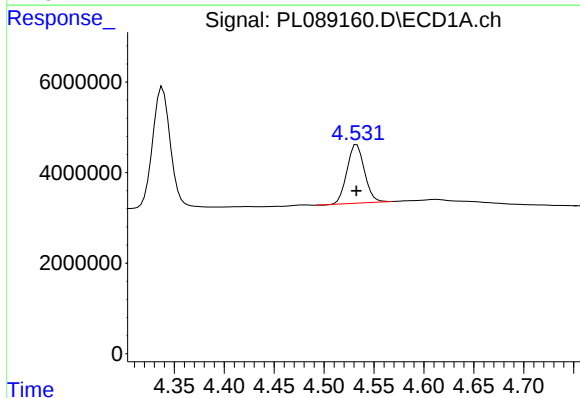
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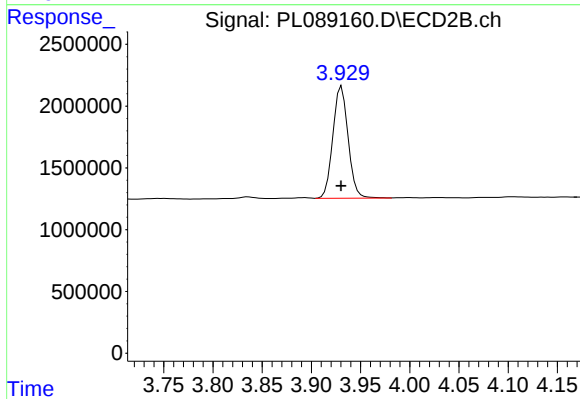
#3 gamma-BHC (Lindane)

R.T.: 3.633 min
Delta R.T.: 0.000 min
Response: 18735308
Conc: 9.74 ng/ml



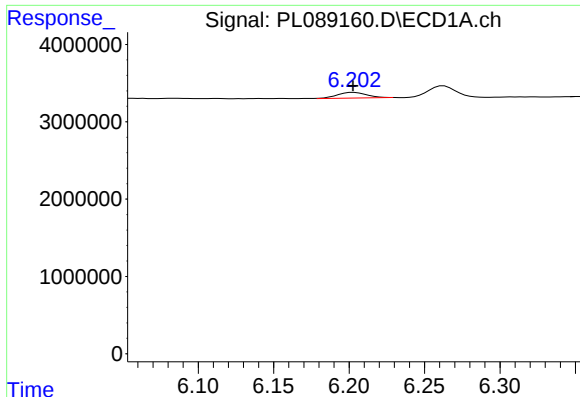
#6 beta-BHC

R.T.: 4.533 min
Delta R.T.: 0.000 min
Response: 15794149
Conc: 11.77 ng/ml



#6 beta-BHC

R.T.: 3.931 min
Delta R.T.: 0.000 min
Response: 9804244
Conc: 11.73 ng/ml



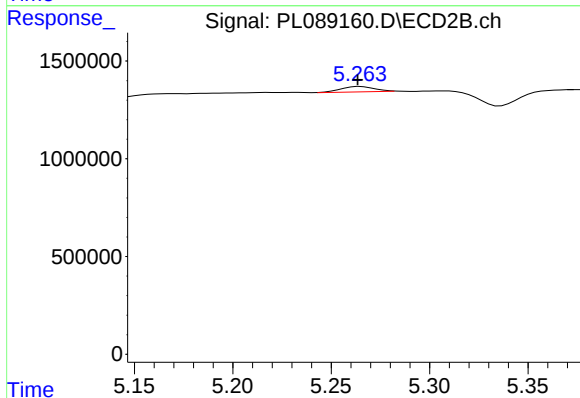
#12 4,4'-DDE

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 1007349
Conc: 0.50 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

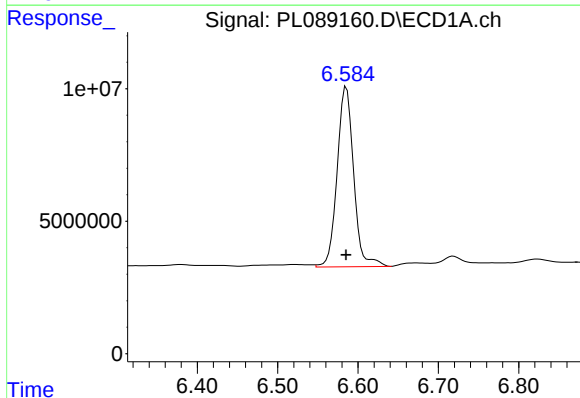
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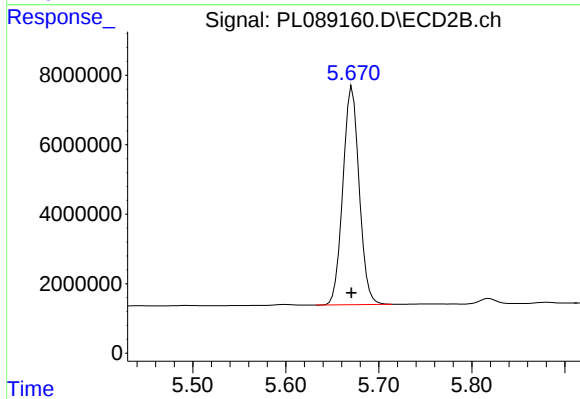
#12 4,4'-DDE

R.T.: 5.263 min
Delta R.T.: 0.000 min
Response: 329844
Conc: 0.22 ng/ml m



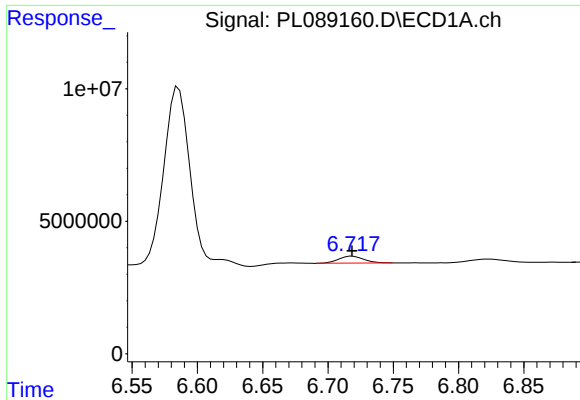
#14 Endrin

R.T.: 6.585 min
Delta R.T.: 0.000 min
Response: 97365691
Conc: 51.81 ng/ml



#14 Endrin

R.T.: 5.671 min
Delta R.T.: 0.001 min
Response: 76490307
Conc: 52.63 ng/ml



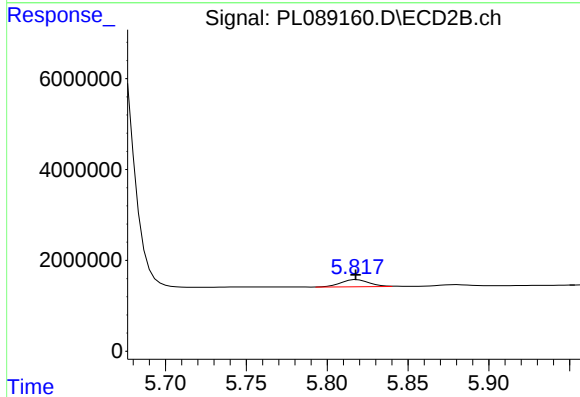
#16 4,4'-DDD

R.T.: 6.717 min
Delta R.T.: -0.001 min
Response: 3440273
Conc: 2.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

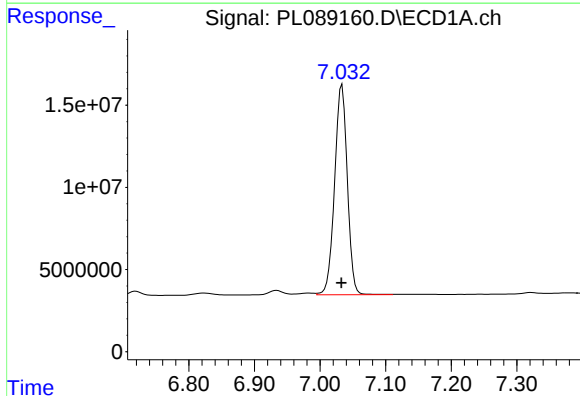
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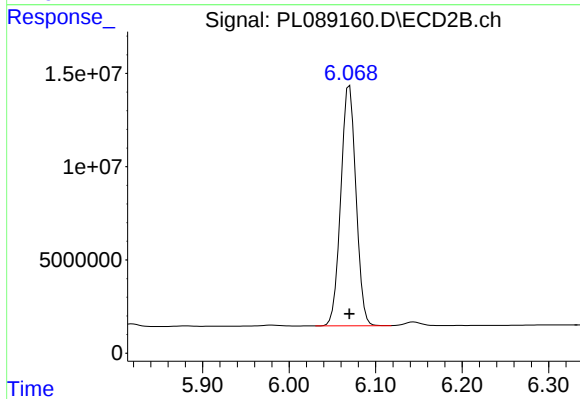
#16 4,4'-DDD

R.T.: 5.817 min
Delta R.T.: 0.000 min
Response: 1936573
Conc: 1.60 ng/ml m



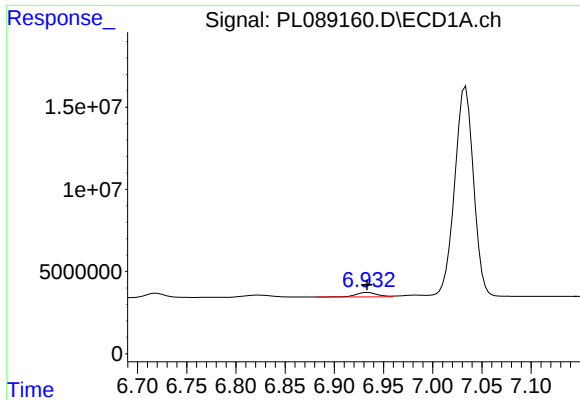
#17 4,4'-DDT

R.T.: 7.034 min
Delta R.T.: 0.000 min
Response: 172044182
Conc: 94.41 ng/ml



#17 4,4'-DDT

R.T.: 6.070 min
Delta R.T.: 0.000 min
Response: 156004981
Conc: 119.02 ng/ml



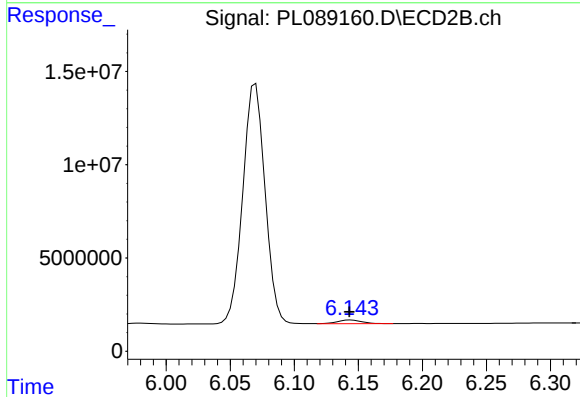
#18 Endrin aldehyde

R.T.: 6.934 min
Delta R.T.: 0.000 min
Response: 4129823
Conc: 2.82 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

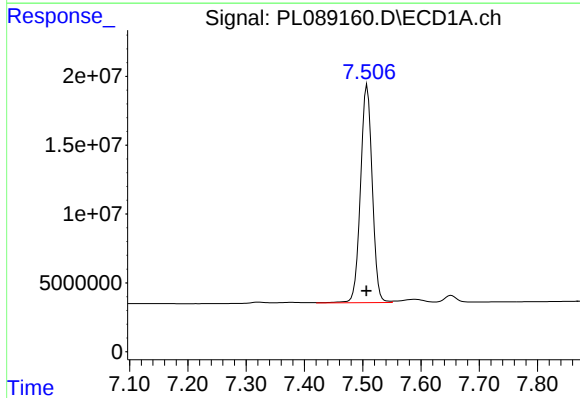
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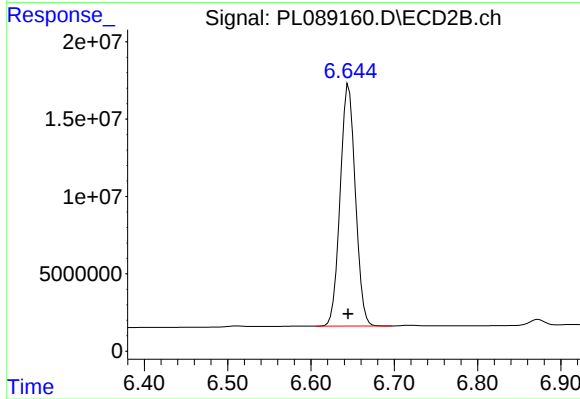
#18 Endrin aldehyde

R.T.: 6.144 min
Delta R.T.: 0.001 min
Response: 2567239
Conc: 2.34 ng/ml



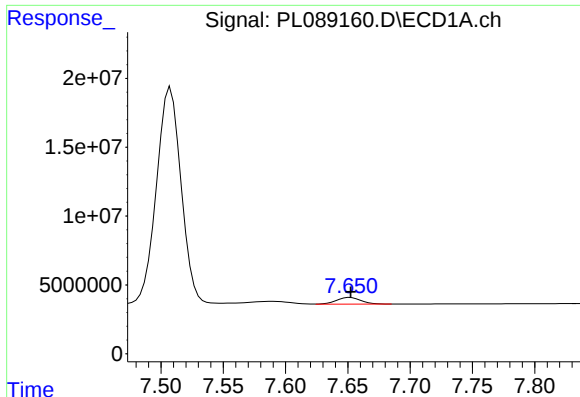
#20 Methoxychlor

R.T.: 7.508 min
Delta R.T.: 0.001 min
Response: 220839430
Conc: 250.64 ng/ml



#20 Methoxychlor

R.T.: 6.645 min
Delta R.T.: 0.000 min
Response: 197846578
Conc: 264.70 ng/ml



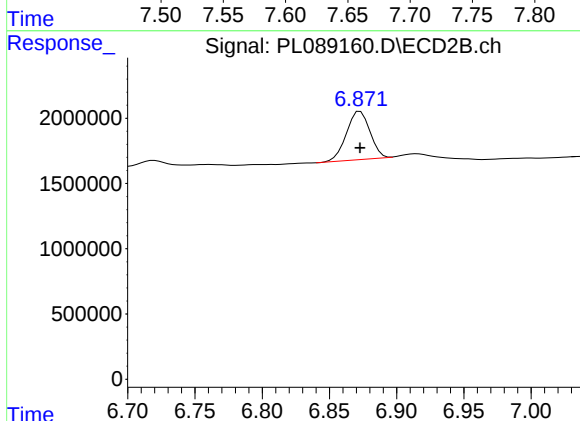
#21 Endrin ketone

R.T.: 7.652 min
Delta R.T.: 0.000 min
Response: 6606845
Conc: 3.43 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

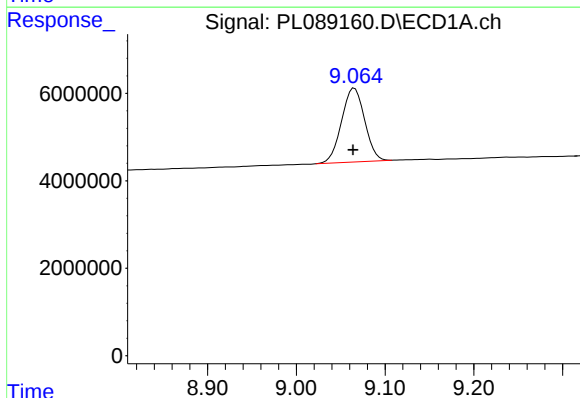
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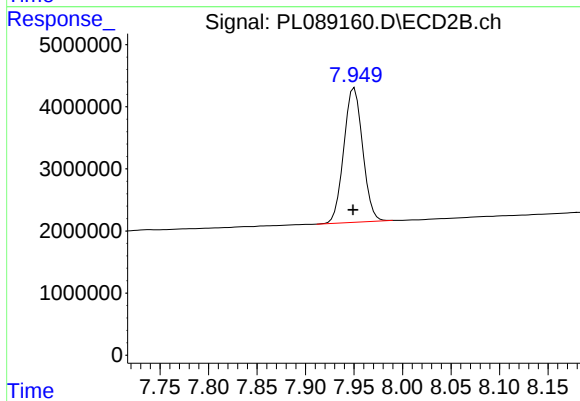
#21 Endrin ketone

R.T.: 6.873 min
Delta R.T.: 0.000 min
Response: 4482873
Conc: 2.83 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.065 min
Delta R.T.: 0.002 min
Response: 30551263
Conc: 23.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.950 min
Delta R.T.: 0.001 min
Response: 29228688
Conc: 21.83 ng/ml