

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL102124\
 Data File : PL092495.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 21 Oct 2024 12:33
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 10/22/2024
 Supervised By : Ankita Jodhani 10/22/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Oct 21 17:13:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL102124.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 21 17:09:23 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...	3.539	2.777	53047995	53014219	19.692	19.087
28)	SA Decachlor...	9.056	7.918	40001547	51014840	19.694	19.361
Target Compounds							
2)	A alpha-BHC	3.995	3.280	42802855	41326102	10.386	9.577
3)	MA gamma-BHC...	4.327	3.610	38029912	39418198	9.886	9.572
6)	B beta-BHC	4.525	3.910	15139121	19916261	9.753	11.407
14)	MA Endrin	6.575	5.642	124.9E6	148.1E6	44.218	45.223
16)	A 4,4'-DDD	6.711	5.791	1495040	2492414	0.619m	0.897m#
17)	MA 4,4'-DDT	7.025	6.041	224.4E6	285.0E6	91.008	97.029
18)	B Endrin al...	6.922	6.116	2666257	4353504	1.248m	1.772 #
20)	A Methoxychlor	7.501	6.616	262.5E6	320.6E6	222.858	226.145
21)	B Endrin ke...	7.643	6.843	5287820	6438801	1.923	2.005m

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

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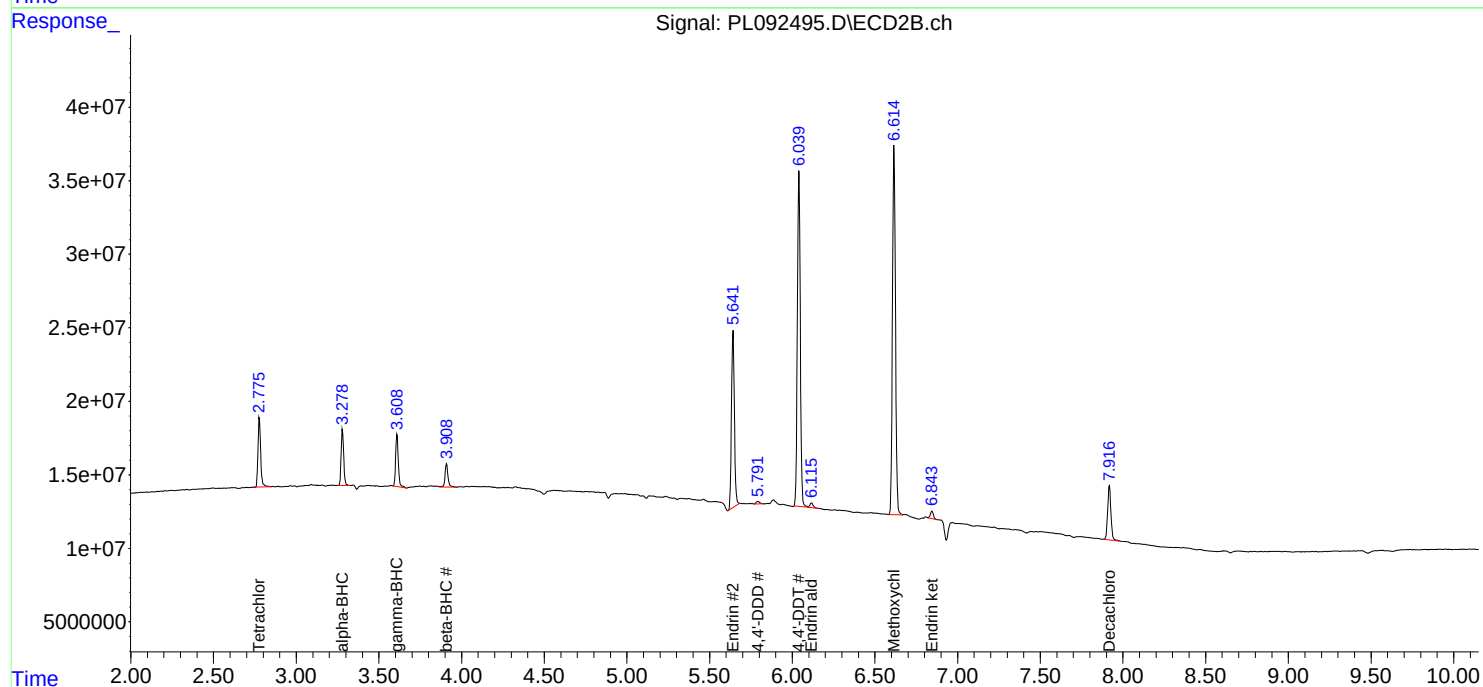
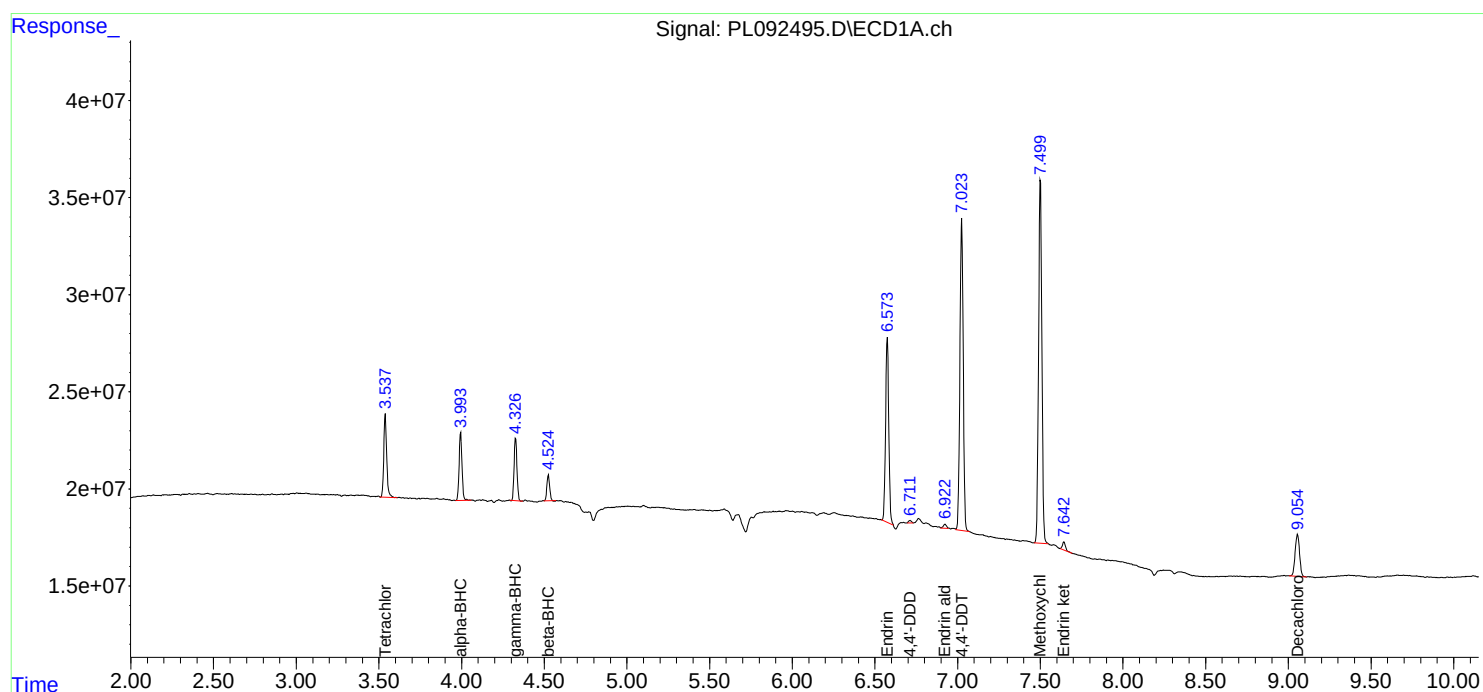
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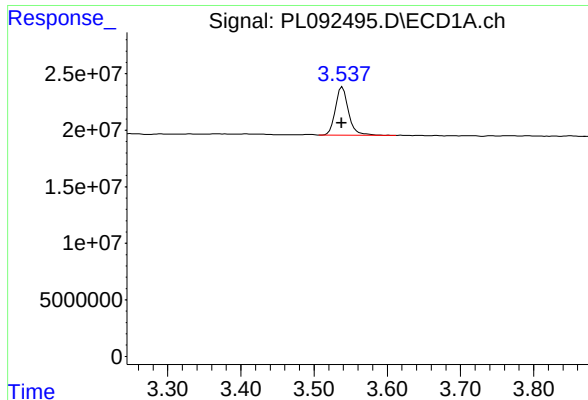
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Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
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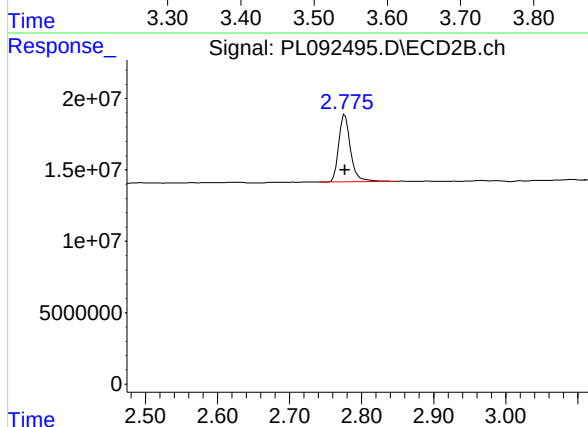
#1 Tetrachloro-m-xylene

R.T.: 3.539 min
Delta R.T.: 0.000 min
Response: 53047995
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

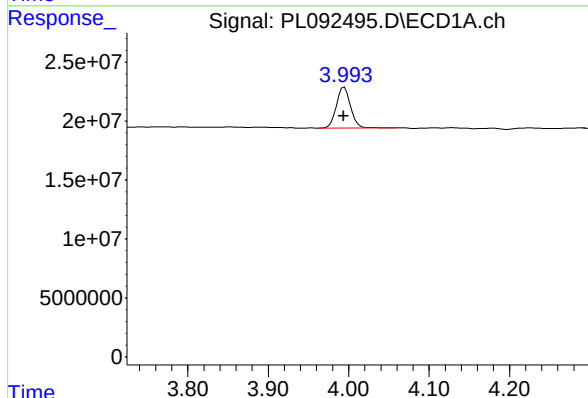
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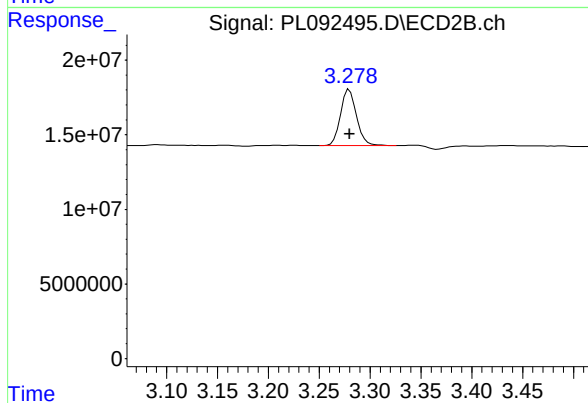
#1 Tetrachloro-m-xylene

R.T.: 2.777 min
Delta R.T.: 0.000 min
Response: 53014219
Conc: 19.09 ng/ml



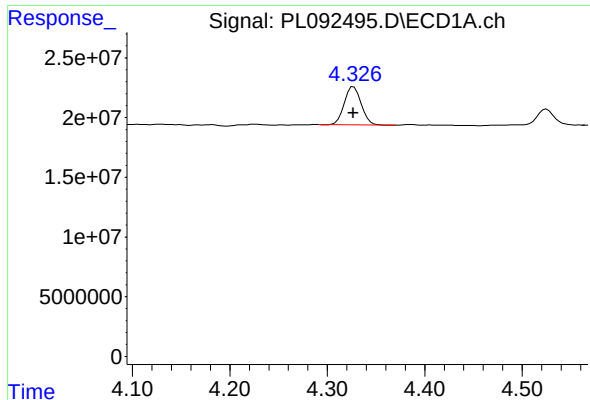
#2 alpha-BHC

R.T.: 3.995 min
Delta R.T.: 0.000 min
Response: 42802855
Conc: 10.39 ng/ml



#2 alpha-BHC

R.T.: 3.280 min
Delta R.T.: 0.000 min
Response: 41326102
Conc: 9.58 ng/ml



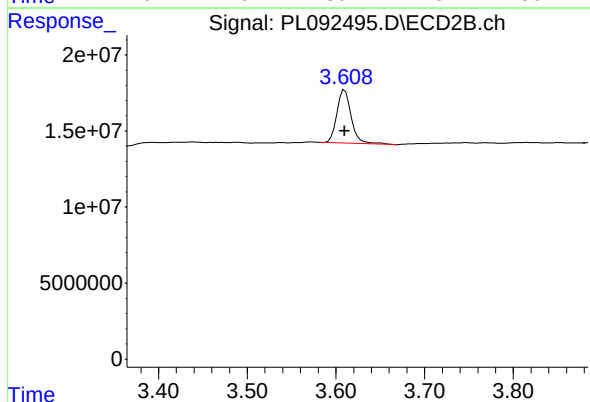
#3 gamma-BHC (Lindane)

R.T.: 4.327 min
Delta R.T.: 0.000 min
Response: 38029912
Conc: 9.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

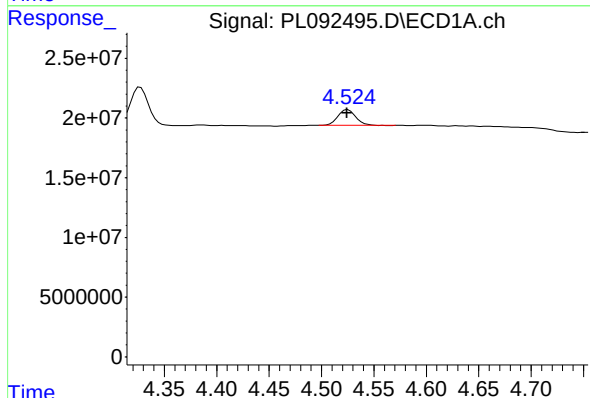
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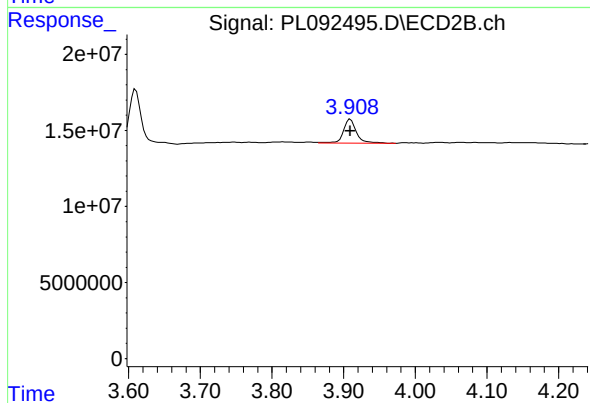
#3 gamma-BHC (Lindane)

R.T.: 3.610 min
Delta R.T.: 0.000 min
Response: 39418198
Conc: 9.57 ng/ml



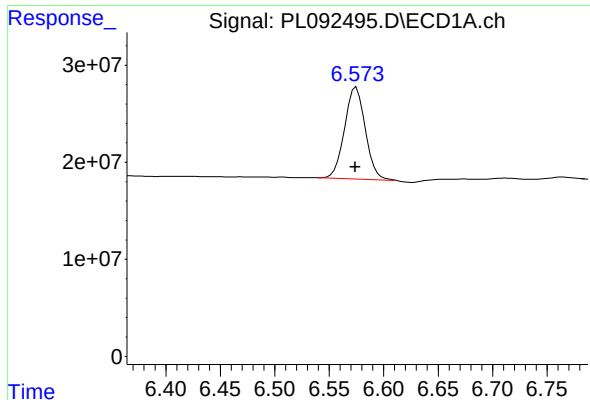
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 15139121
Conc: 9.75 ng/ml



#6 beta-BHC

R.T.: 3.910 min
Delta R.T.: 0.000 min
Response: 19916261
Conc: 11.41 ng/ml



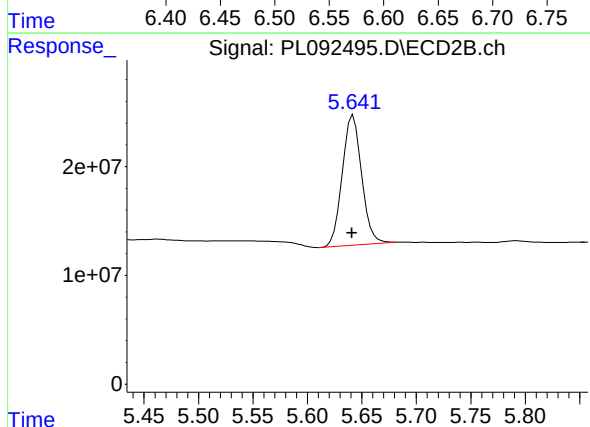
#14 Endrin

R.T.: 6.575 min
Delta R.T.: 0.000 min
Response: 124859397
Conc: 44.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

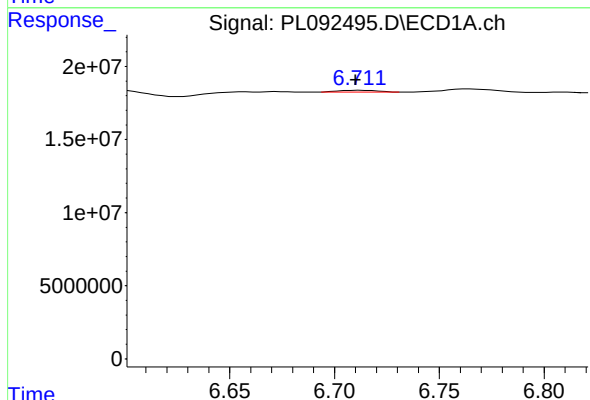
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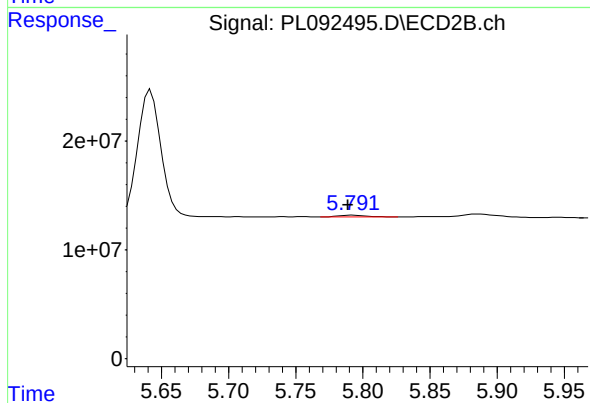
#14 Endrin

R.T.: 5.642 min
Delta R.T.: 0.001 min
Response: 148101747
Conc: 45.22 ng/ml



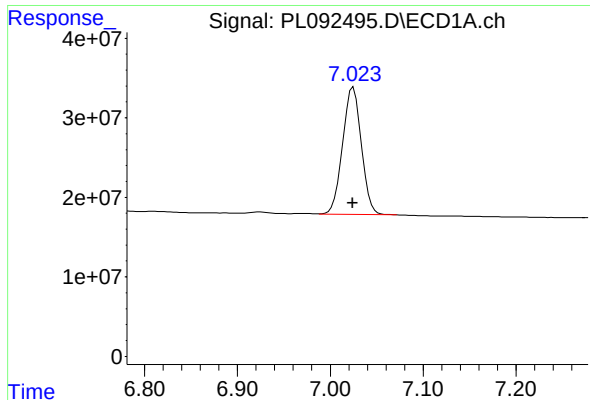
#16 4,4'-DDD

R.T.: 6.711 min
Delta R.T.: 0.000 min
Response: 1495040
Conc: 0.62 ng/ml m



#16 4,4'-DDD

R.T.: 5.791 min
Delta R.T.: 0.002 min
Response: 2492414
Conc: 0.90 ng/ml m



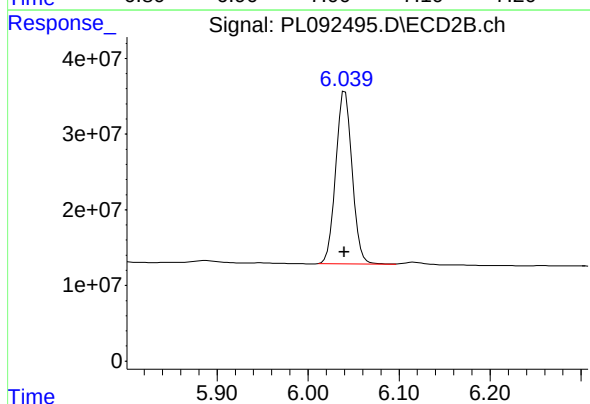
#17 4,4'-DDT

R.T.: 7.025 min
Delta R.T.: 0.000 min
Response: 224430298
Conc: 91.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

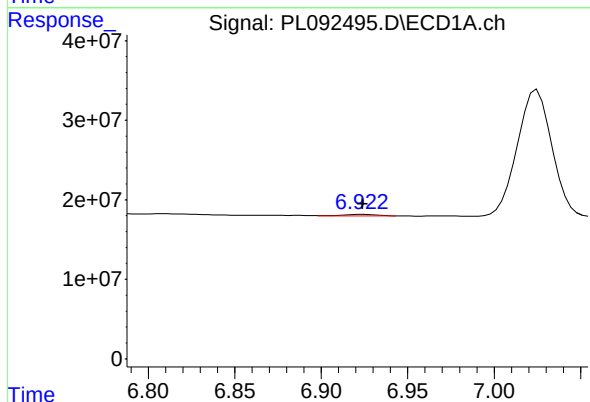
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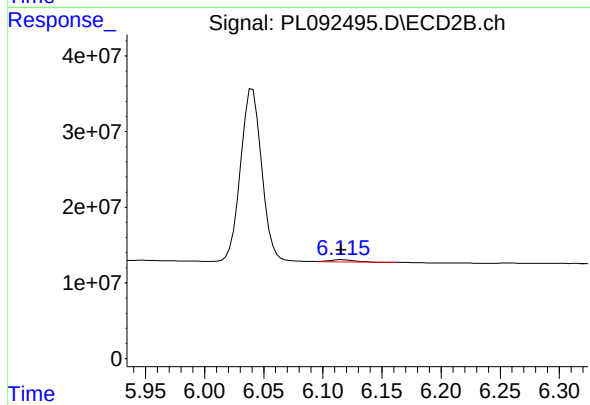
#17 4,4'-DDT

R.T.: 6.041 min
Delta R.T.: 0.000 min
Response: 284970139
Conc: 97.03 ng/ml



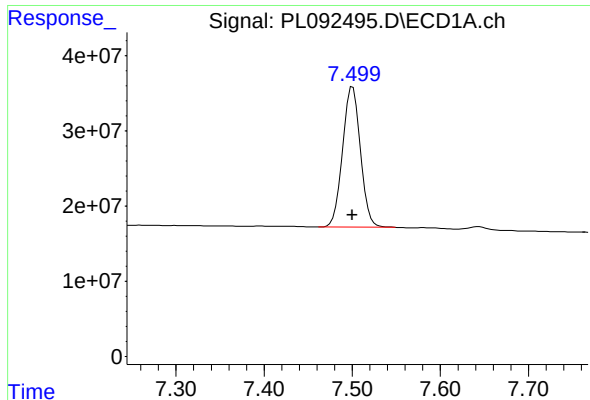
#18 Endrin aldehyde

R.T.: 6.922 min
Delta R.T.: -0.002 min
Response: 2666257
Conc: 1.25 ng/ml m



#18 Endrin aldehyde

R.T.: 6.116 min
Delta R.T.: 0.000 min
Response: 4353504
Conc: 1.77 ng/ml



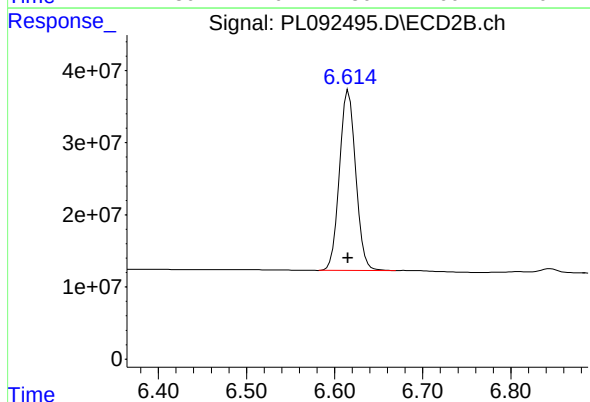
#20 Methoxychlor

R.T.: 7.501 min
Delta R.T.: 0.000 min
Response: 262462105
Conc: 222.86 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

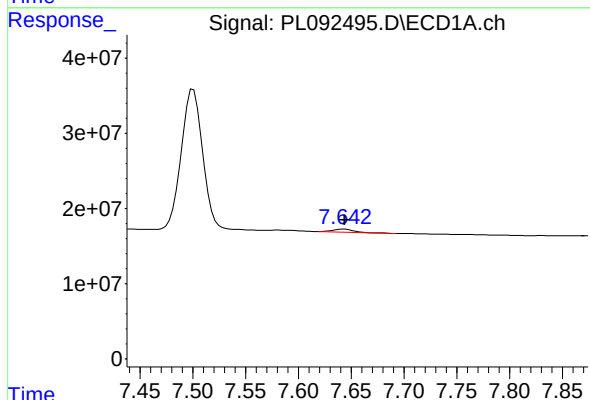
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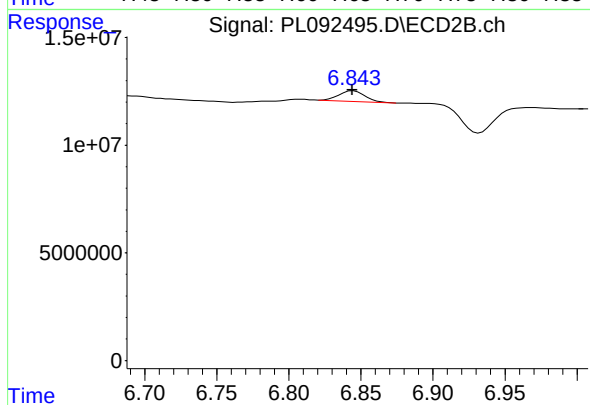
#20 Methoxychlor

R.T.: 6.616 min
Delta R.T.: 0.000 min
Response: 320643913
Conc: 226.15 ng/ml



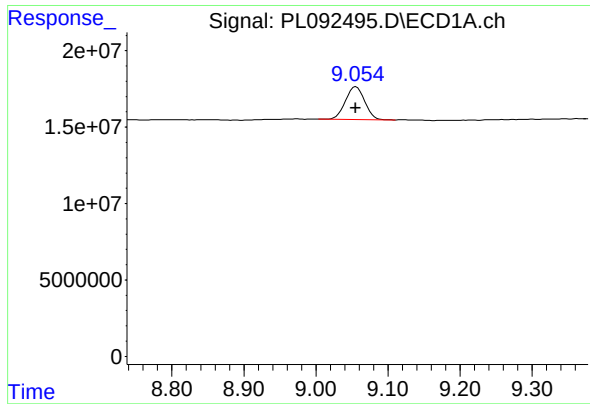
#21 Endrin ketone

R.T.: 7.643 min
Delta R.T.: 0.000 min
Response: 5287820
Conc: 1.92 ng/ml



#21 Endrin ketone

R.T.: 6.843 min
Delta R.T.: 0.000 min
Response: 6438801
Conc: 2.00 ng/ml m



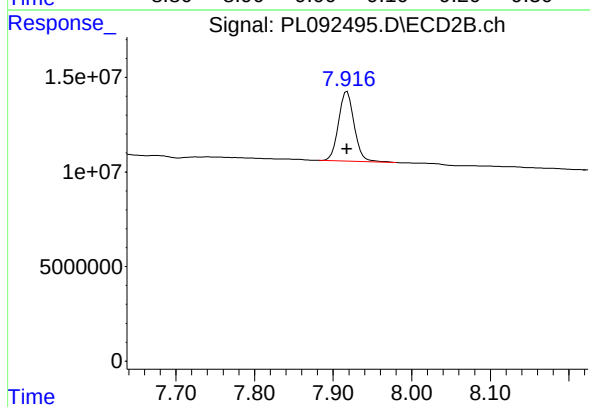
#28 Decachlorobiphenyl

R.T.: 9.056 min
Delta R.T.: 0.000 min
Response: 40001547
Conc: 19.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
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#28 Decachlorobiphenyl

R.T.: 7.918 min
Delta R.T.: 0.000 min
Response: 51014840
Conc: 19.36 ng/ml