

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL013024\
 Data File : PL088031.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 30 Jan 2024 09:05
 Operator : AR\AJ
 Sample : PEM
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PEM

Manual Integrations
 APPROVED

Reviewed By : Abdul Mirza 01/31/2024
 Supervised By : Ankita Jodhani 01/31/2024

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jan 30 21:11:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL012724.M
 Quant Title : GC Extractables
 QLast Update : Mon Jan 29 12:34:13 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...	3.419	2.673	63497930	25931908	21.892	20.892
28)	SA Decachlor...	8.980	7.858	61658578	27781556	23.007	22.843
Target Compounds							
2)	A alpha-BHC	3.875	3.175	44014456	17336001	10.116	9.423
3)	MA gamma-BHC...	4.209	3.505	42753589	16590044	10.104	9.197
6)	B beta-BHC	4.409	3.807	20910730	8591400	11.325	11.353
12)	B 4,4'-DDE	6.091	5.149	429821	147789	0.143m	0.116m
14)	MA Endrin	6.470	5.548	146.4E6	69819118	48.457	51.552
16)	A 4,4'-DDD	6.615	5.709	4120844	1653152	1.713m	1.572
17)	MA 4,4'-DDT	6.933	5.962	305.1E6	137.7E6	111.476	116.071
18)	B Endrin al...	6.823	6.029	3931677	2531312	1.689	2.507 #
20)	A Methoxychlor	7.419	6.547	399.5E6	176.5E6	257.130	248.644
21)	B Endrin ke...	7.545	6.759	8083250	4243928	2.640m	2.858

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

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Operator : AR\AJ
Sample : PEM
Misc :
ALS Vial : 3 Sample Multiplier: 1

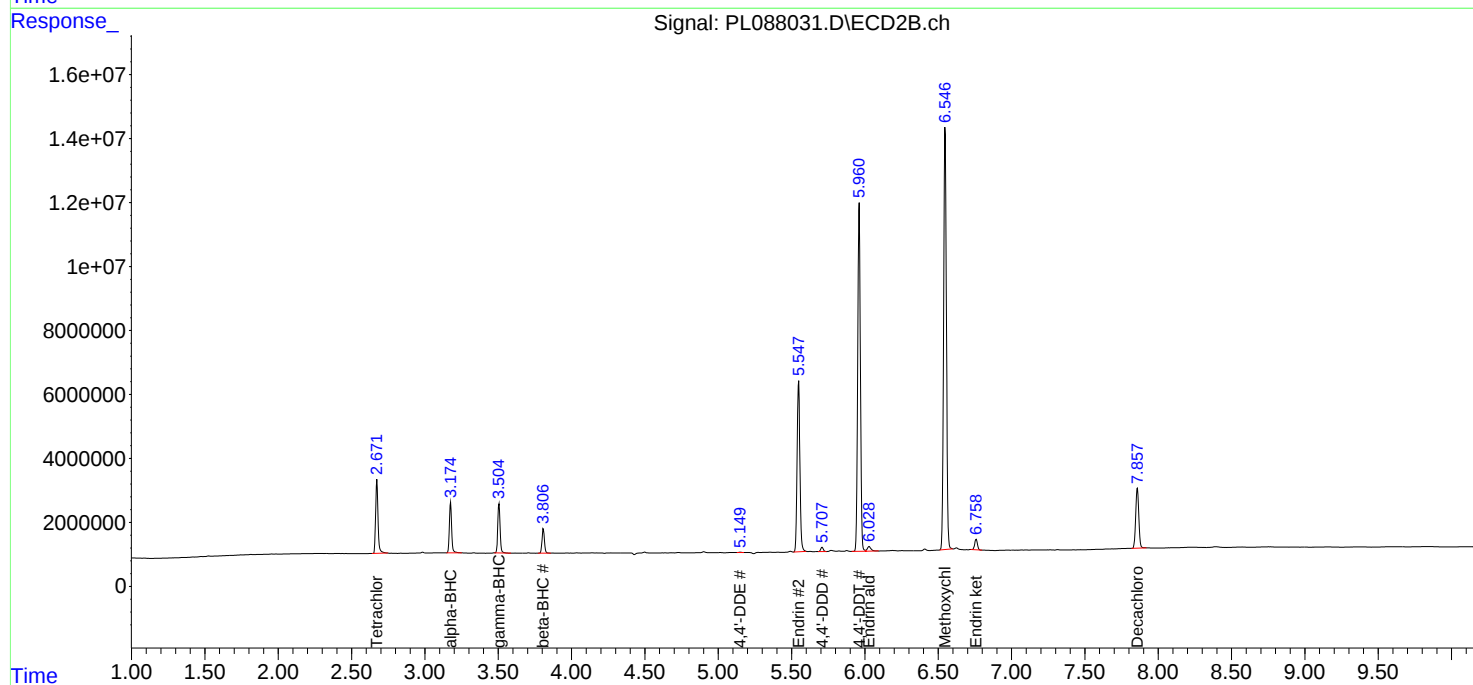
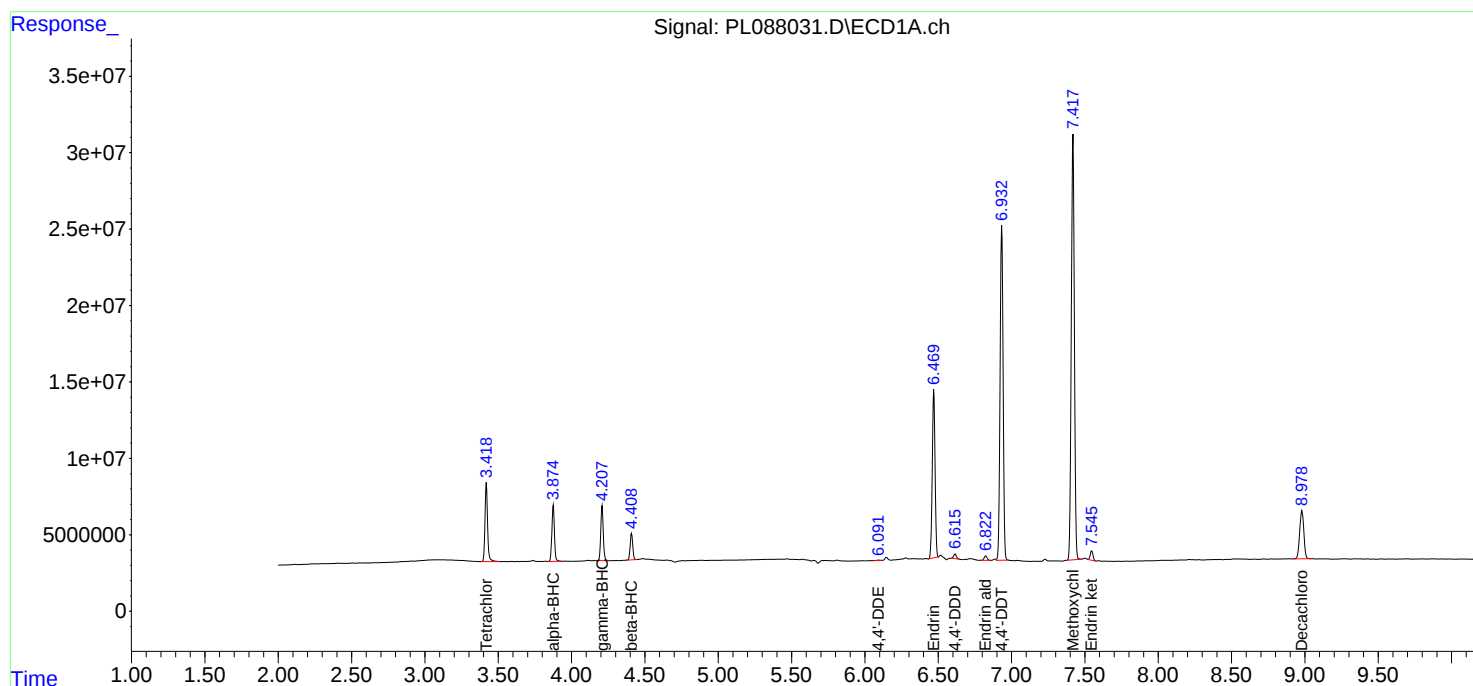
Instrument :
ECD_L
ClientSampleId :
PEM

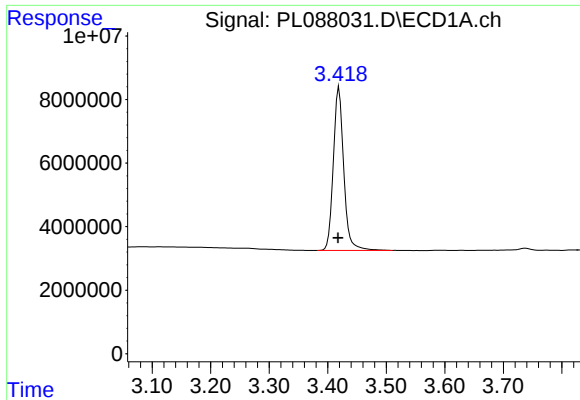
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Integration File signal 1: autoint1.e
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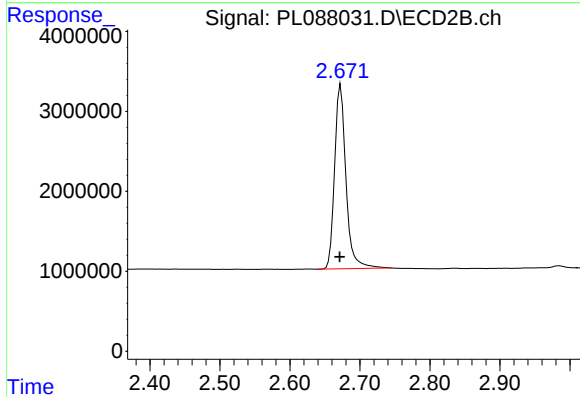
#1 Tetrachloro-m-xylene

R.T.: 3.419 min
Delta R.T.: 0.001 min
Response: 63497930
Conc: 21.89 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

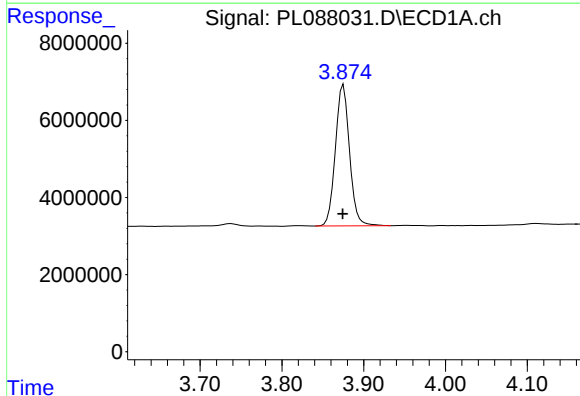
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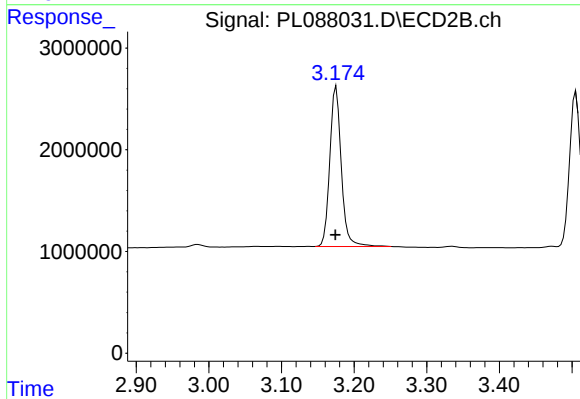
#1 Tetrachloro-m-xylene

R.T.: 2.673 min
Delta R.T.: 0.002 min
Response: 25931908
Conc: 20.89 ng/ml



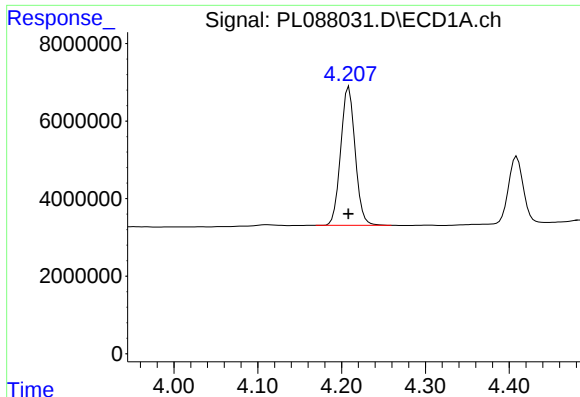
#2 alpha-BHC

R.T.: 3.875 min
Delta R.T.: 0.001 min
Response: 44014456
Conc: 10.12 ng/ml



#2 alpha-BHC

R.T.: 3.175 min
Delta R.T.: 0.000 min
Response: 17336001
Conc: 9.42 ng/ml



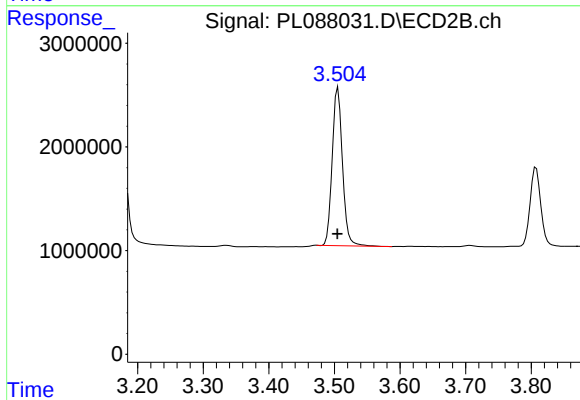
#3 gamma-BHC (Lindane)

R.T.: 4.209 min
Delta R.T.: 0.000 min
Response: 42753589
Conc: 10.10 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

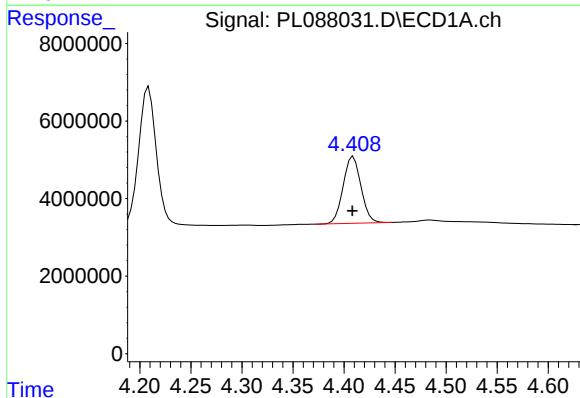
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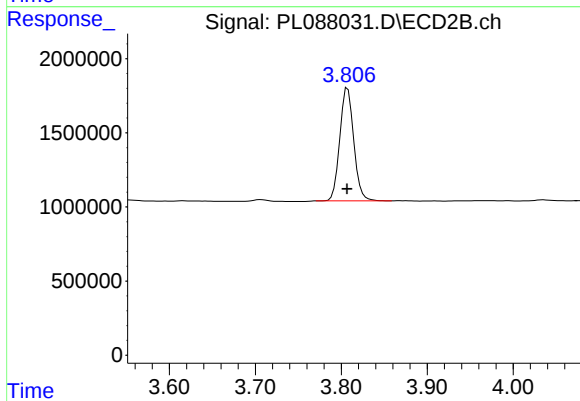
#3 gamma-BHC (Lindane)

R.T.: 3.505 min
Delta R.T.: 0.000 min
Response: 16590044
Conc: 9.20 ng/ml



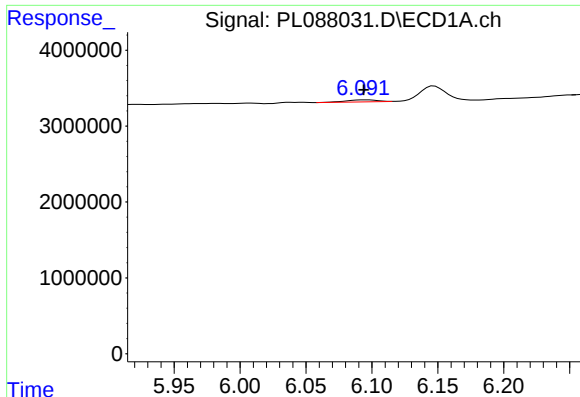
#6 beta-BHC

R.T.: 4.409 min
Delta R.T.: 0.000 min
Response: 20910730
Conc: 11.32 ng/ml



#6 beta-BHC

R.T.: 3.807 min
Delta R.T.: 0.000 min
Response: 8591400
Conc: 11.35 ng/ml



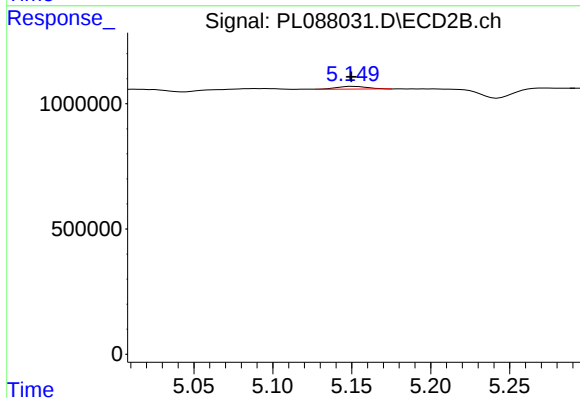
#12 4,4'-DDE

R.T.: 6.091 min
Delta R.T.: -0.002 min
Response: 429821
Conc: 0.14 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

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#12 4,4'-DDE

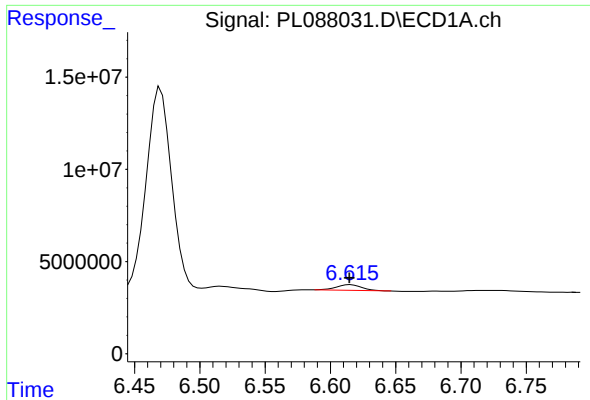
R.T.: 5.149 min
Delta R.T.: 0.000 min
Response: 147789
Conc: 0.12 ng/ml m

#14 Endrin

R.T.: 6.470 min
Delta R.T.: 0.002 min
Response: 146381278
Conc: 48.46 ng/ml

#14 Endrin

R.T.: 5.548 min
Delta R.T.: 0.000 min
Response: 69819118
Conc: 51.55 ng/ml



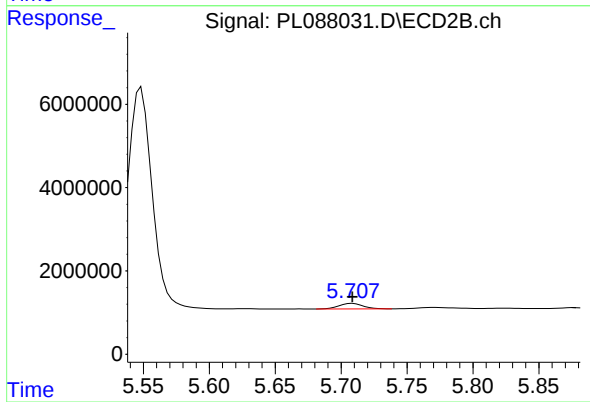
#16 4,4'-DDD

R.T.: 6.615 min
Delta R.T.: 0.000 min
Response: 4120844
Conc: 1.71 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

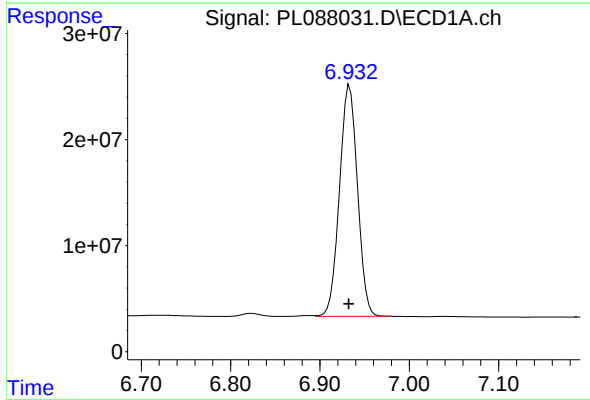
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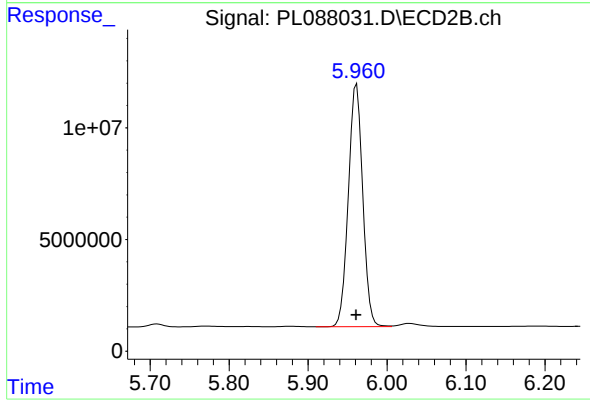
#16 4,4'-DDD

R.T.: 5.709 min
Delta R.T.: 0.000 min
Response: 1653152
Conc: 1.57 ng/ml



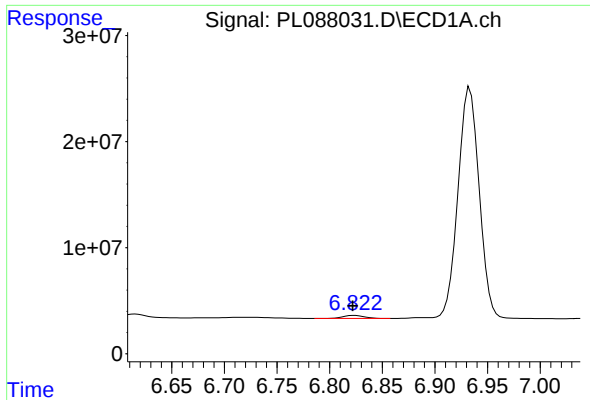
#17 4,4'-DDT

R.T.: 6.933 min
Delta R.T.: 0.001 min
Response: 305109778
Conc: 111.48 ng/ml



#17 4,4'-DDT

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 137739052
Conc: 116.07 ng/ml



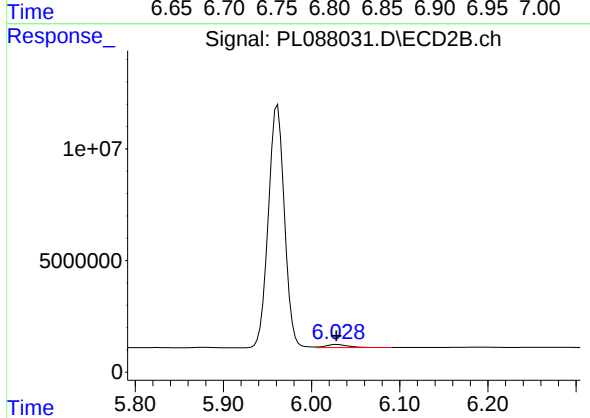
#18 Endrin aldehyde

R.T.: 6.823 min
Delta R.T.: 0.002 min
Response: 3931677
Conc: 1.69 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

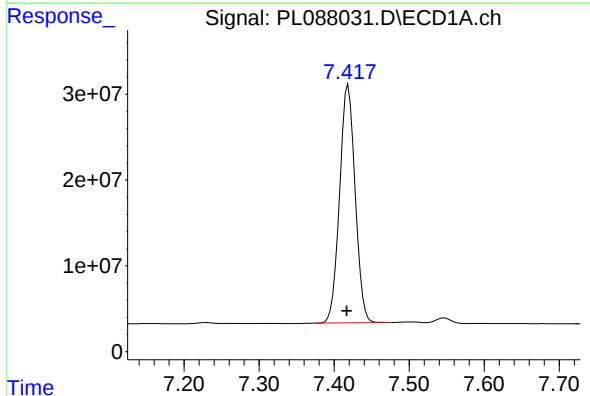
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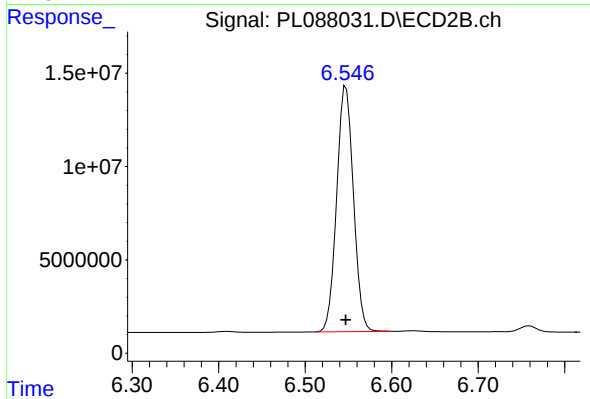
#18 Endrin aldehyde

R.T.: 6.029 min
Delta R.T.: 0.000 min
Response: 2531312
Conc: 2.51 ng/ml



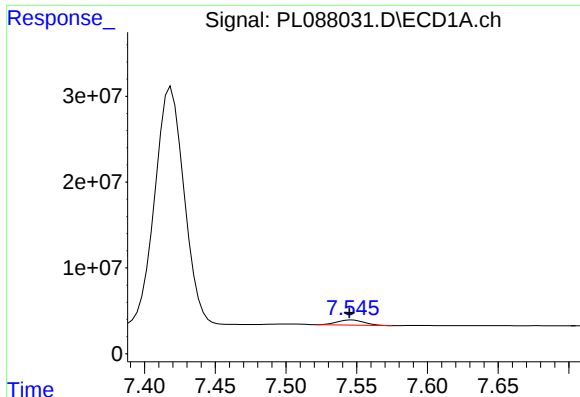
#20 Methoxychlor

R.T.: 7.419 min
Delta R.T.: 0.002 min
Response: 399538881
Conc: 257.13 ng/ml



#20 Methoxychlor

R.T.: 6.547 min
Delta R.T.: 0.000 min
Response: 176480104
Conc: 248.64 ng/ml



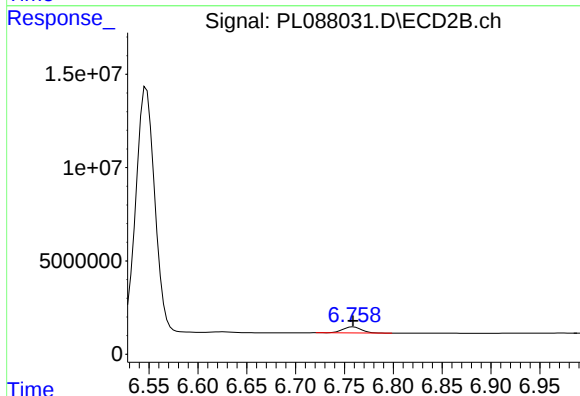
#21 Endrin ketone

R.T.: 7.545 min
Delta R.T.: 0.000 min
Response: 8083250
Conc: 2.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
PEM

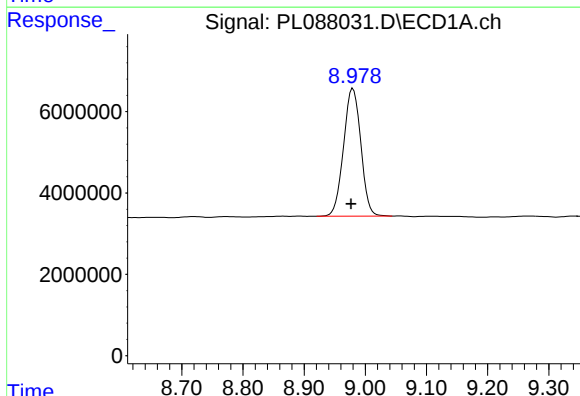
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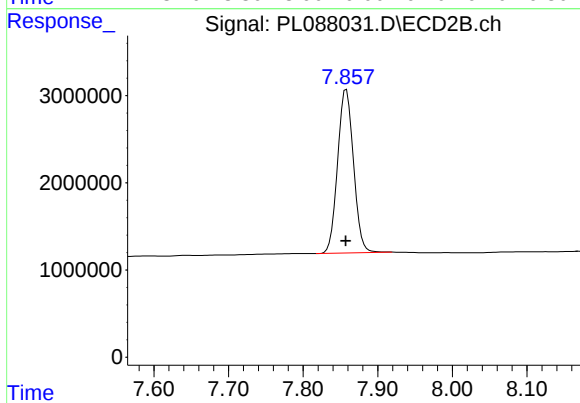
#21 Endrin ketone

R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 4243928
Conc: 2.86 ng/ml



#28 Decachlorobiphenyl

R.T.: 8.980 min
Delta R.T.: 0.003 min
Response: 61658578
Conc: 23.01 ng/ml



#28 Decachlorobiphenyl

R.T.: 7.858 min
Delta R.T.: 0.000 min
Response: 27781556
Conc: 22.84 ng/ml