

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
 Data File : PL088301.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 26 Feb 2024 19:04
 Operator : AR\AJ
 Sample : P1539-05
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 20241106-AMENDED-COMPOSITE-35N-N-4-05

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Feb 27 00:01:38 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL021524.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 16 21:46:54 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...	3.634	2.854	52895690	28947027	19.258	20.639
28)	SA Decachlor...	9.302	8.082	45933861	27375314	23.850	21.500
Target Compounds							
2)	A alpha-BHC	4.108	3.387f	1937442	851317	0.464	0.414
3)	MA gamma-BHC...	4.411f	3.688f	2364778	1279517	0.584	0.639
4)	MA Heptachlor	0.000	4.049	0	318616	N.D.	0.175 #
5)	MB Aldrin	5.401	4.363f	1129932	44554	0.296	0.023 #
6)	B beta-BHC	4.619f	4.014	1003912	99461	0.576	0.112 #
7)	B delta-BHC	4.883	4.228	4373703	403960	1.150	0.203 #
8)	B Heptachlo...	5.822	0.000	8067266	0	2.303	N.D. #
9)	A Endosulfan I	6.200	5.238	238957	963571	0.076	0.599 #
10)	B gamma-Chl...	6.083	5.134f	10235854	6415650	3.012	3.597
11)	B alpha-Chl...	6.144	0.000	757983	0	0.222	N.D. #
12)	B 4,4'-DDE	6.359f	5.372	3673589	277086	1.211	0.174 #
13)	MA Dieldrin	6.467f	5.500	528940	267622	0.161	0.155
14)	MA Endrin	6.709	0.000	369963	0	0.142	N.D. #
15)	B Endosulfa...	6.938	6.068	391377	865061	0.137	0.568 #
16)	A 4,4'-DDD	6.854	0.000	571323	0	0.220	N.D. #
17)	MA 4,4'-DDT	7.187	6.189	19282	328436	0.007	0.241 #
18)	B Endrin al...	0.000	6.256	0	68409	N.D.	0.063 #
20)	A Methoxychlor	0.000	6.761	0	1141652	N.D.	1.457 #
21)	B Endrin ke...	7.798	7.004	2110105	504584	0.753	0.301 #
22)	Mirex	0.000	7.197f	0	1173303	N.D.	0.896 #
23)	Chlordane-1	4.815	3.884	3074586	1688140	23.944	32.797 #
24)	Chlordane-2	5.348	4.479	3710121	55100	27.642	0.867 #
25)	Chlordane-3	6.083	5.134f	10235854	6415650	20.266	34.456 #
26)	Chlordane-4	6.144	5.134f	757983	6415650	1.235	37.101 #
27)	Chlordane-5	0.000	5.831	0	422139	N.D.	7.980 #

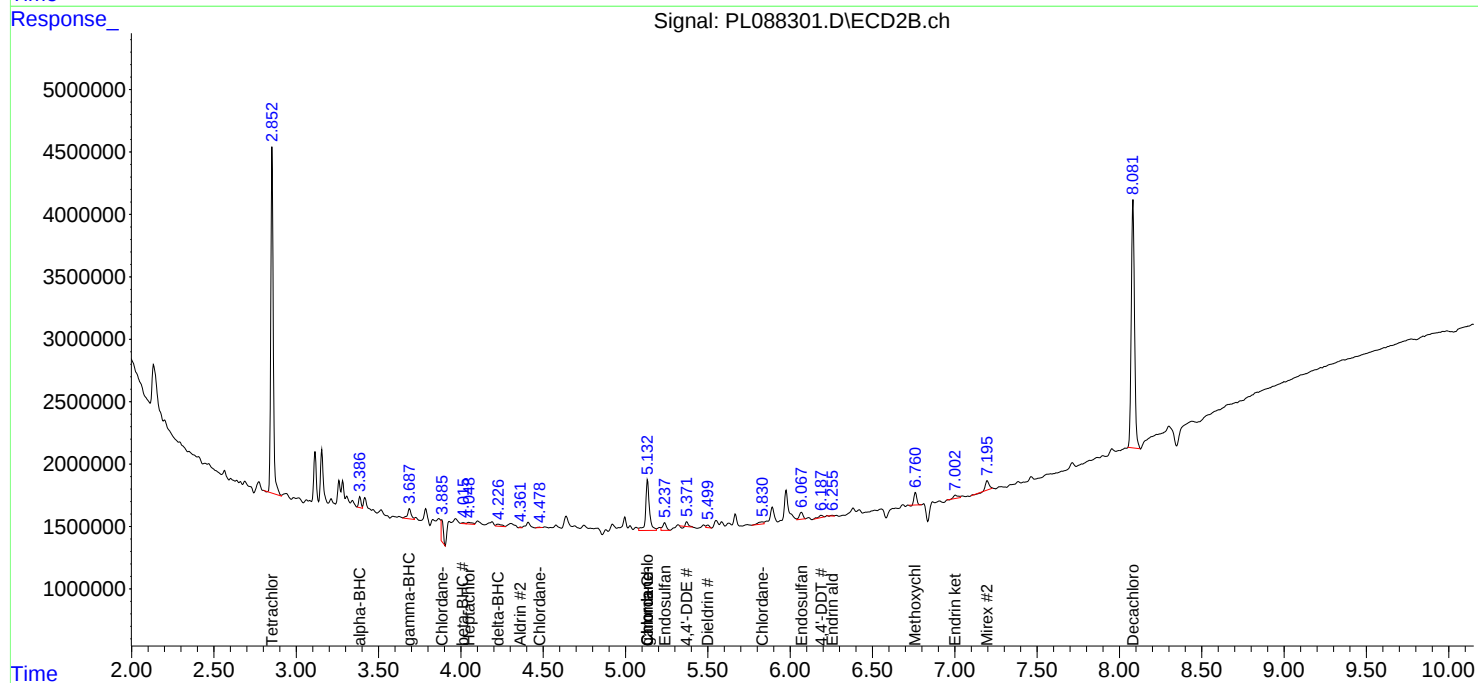
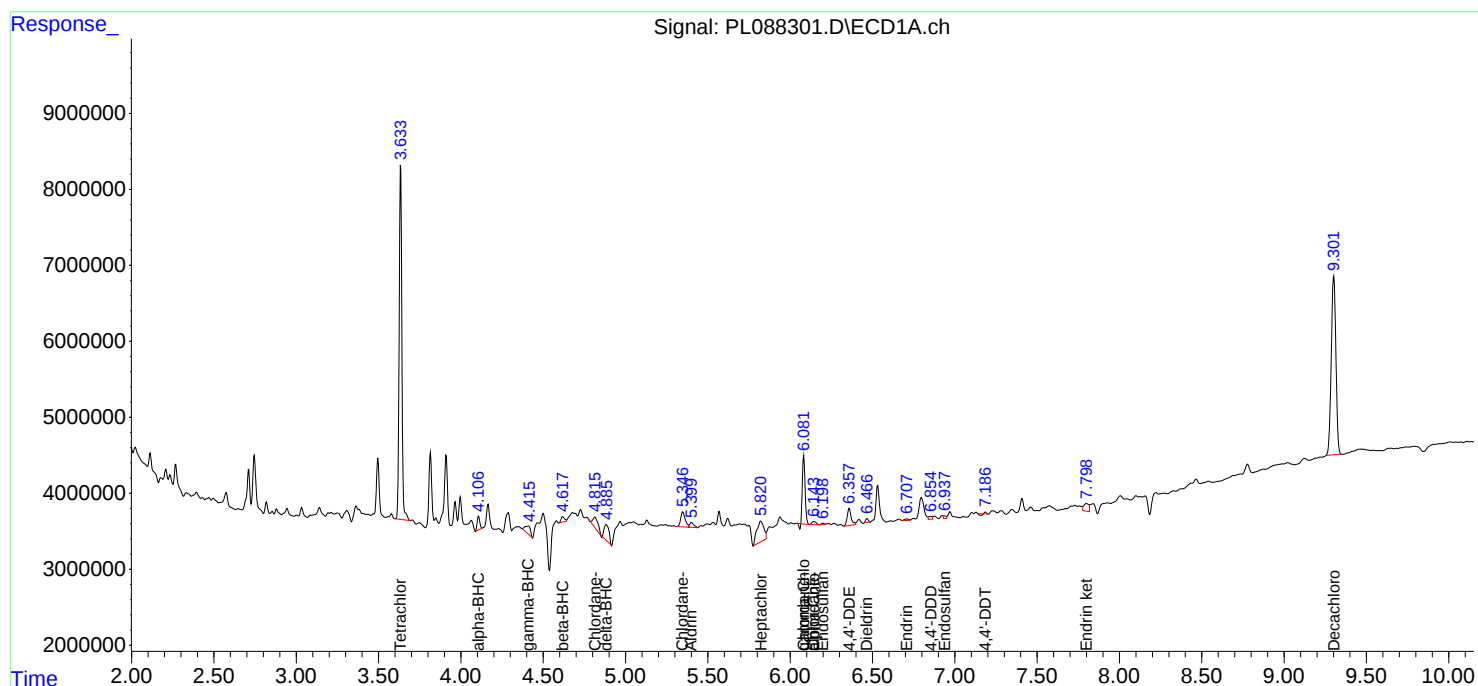
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

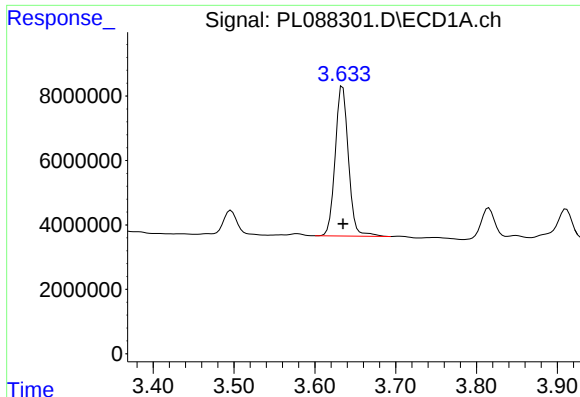
Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL022624\
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 Signal #1 Info : 30M x 0.32mm x0.2 Signal #2 Info : 30M x 0.32mm x0.5µm





#1 Tetrachloro-m-xylene

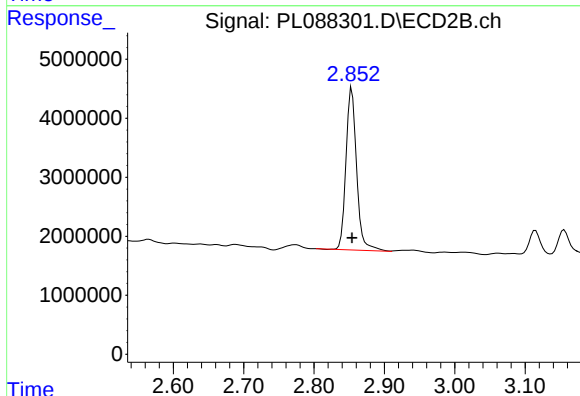
R.T.: 3.634 min
Delta R.T.: 0.000 min
Response: 52895690
Conc: 19.26 ng/ml

Instrument :

ECD_L

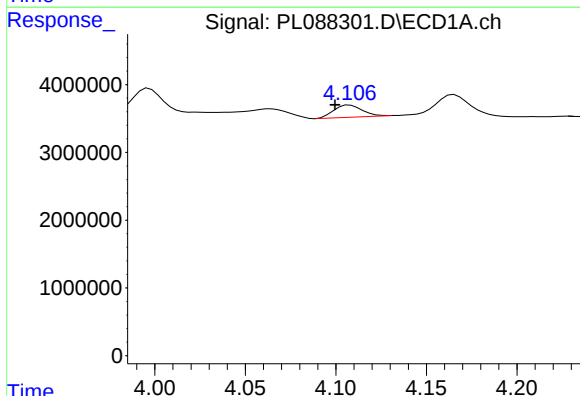
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



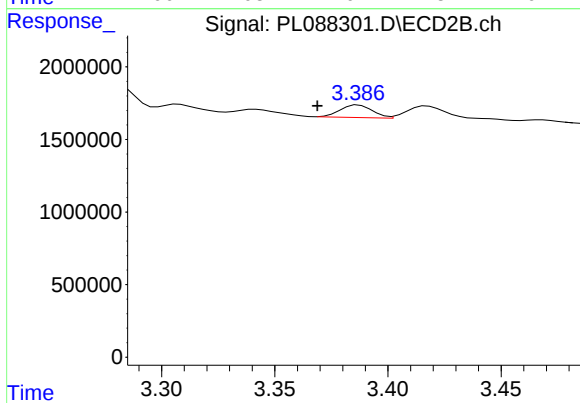
#1 Tetrachloro-m-xylene

R.T.: 2.854 min
Delta R.T.: 0.000 min
Response: 28947027
Conc: 20.64 ng/ml



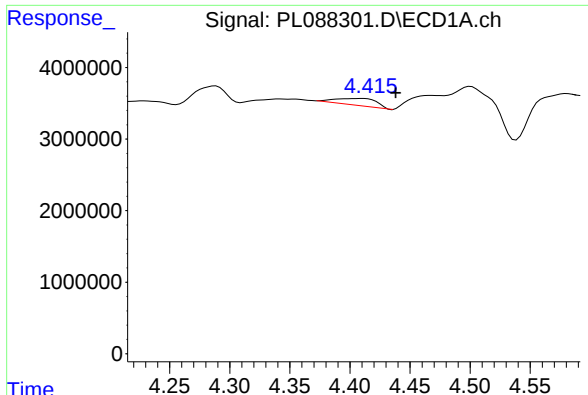
#2 alpha-BHC

R.T.: 4.108 min
Delta R.T.: 0.008 min
Response: 1937442
Conc: 0.46 ng/ml



#2 alpha-BHC

R.T.: 3.387 min
Delta R.T.: 0.018 min
Response: 851317
Conc: 0.41 ng/ml



#3 gamma-BHC (Lindane)

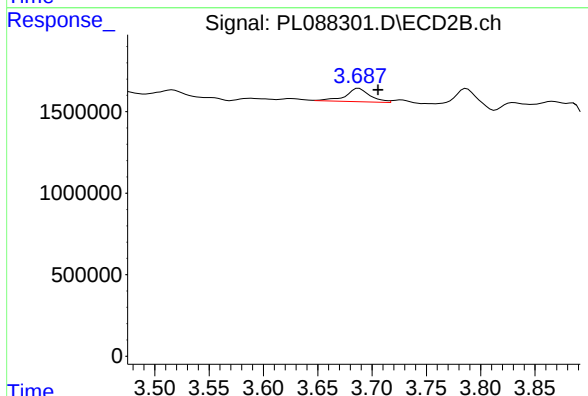
R.T.: 4.411 min
Delta R.T.: -0.027 min
Response: 2364778
Conc: 0.58 ng/ml

Instrument :

ECD_L

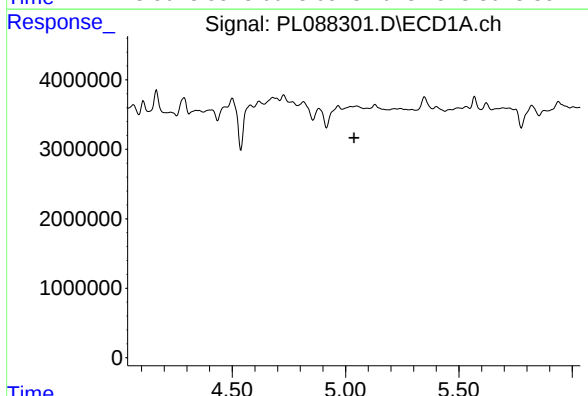
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



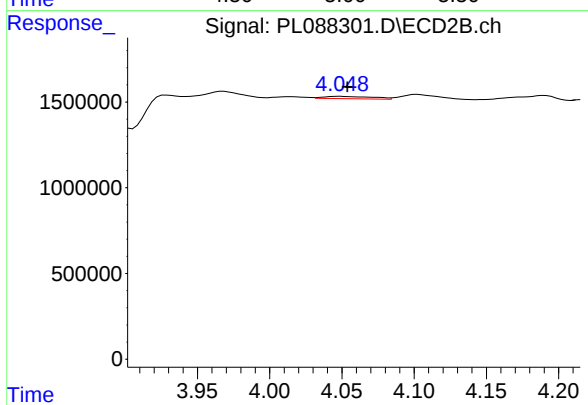
#3 gamma-BHC (Lindane)

R.T.: 3.688 min
Delta R.T.: -0.018 min
Response: 1279517
Conc: 0.64 ng/ml



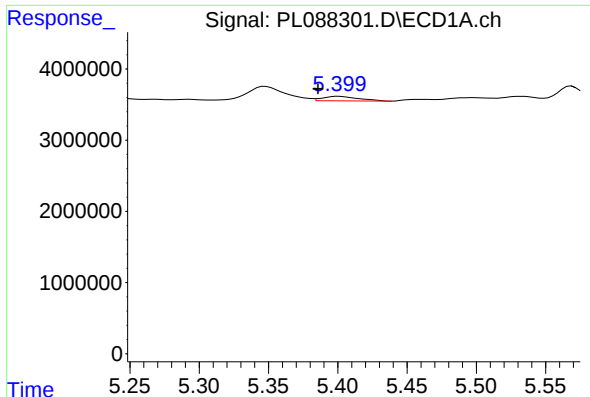
#4 Heptachlor

R.T.: 0.000 min
Exp R.T. : 5.038 min
Response: 0
Conc: N.D.



#4 Heptachlor

R.T.: 4.049 min
Delta R.T.: -0.005 min
Response: 318616
Conc: 0.17 ng/ml



#5 Aldrin

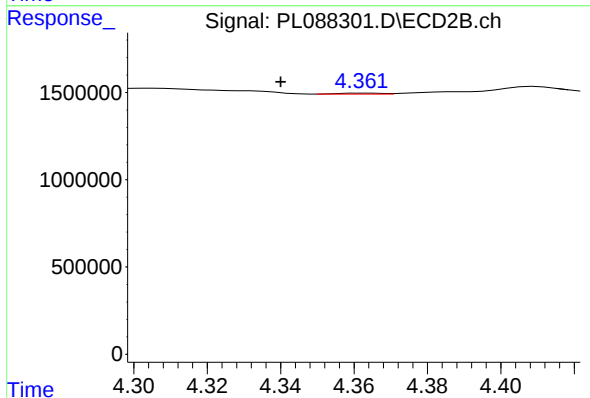
R.T.: 5.401 min
Delta R.T.: 0.015 min
Response: 1129932
Conc: 0.30 ng/ml

Instrument :

ECD_L

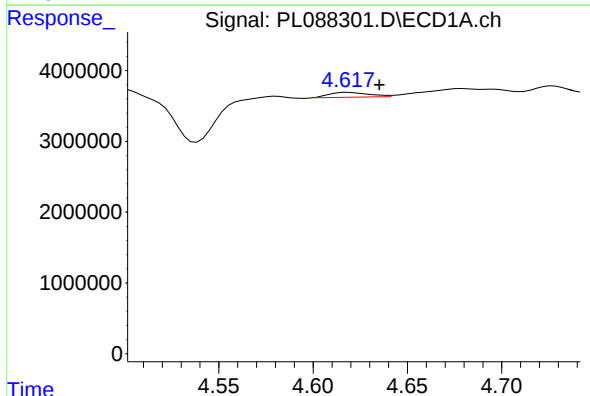
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



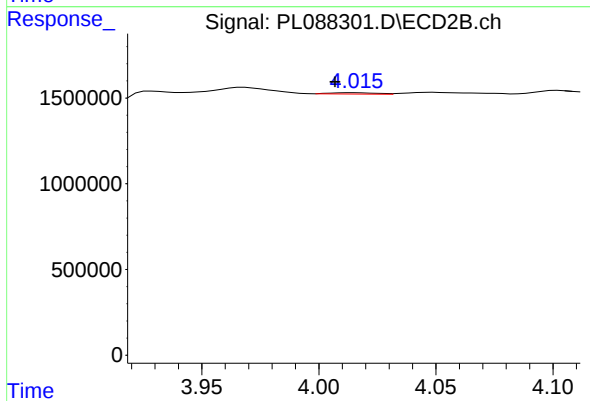
#5 Aldrin

R.T.: 4.363 min
Delta R.T.: 0.023 min
Response: 44554
Conc: 0.02 ng/ml



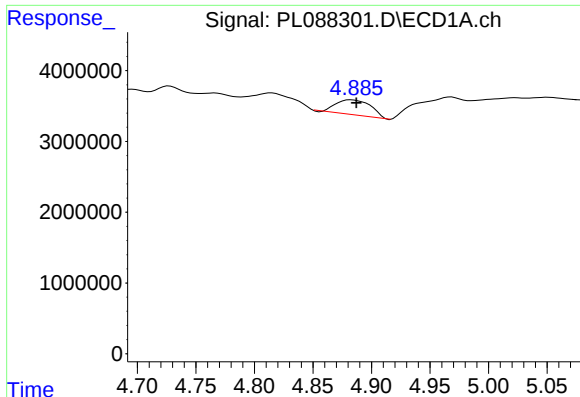
#6 beta-BHC

R.T.: 4.619 min
Delta R.T.: -0.017 min
Response: 1003912
Conc: 0.58 ng/ml



#6 beta-BHC

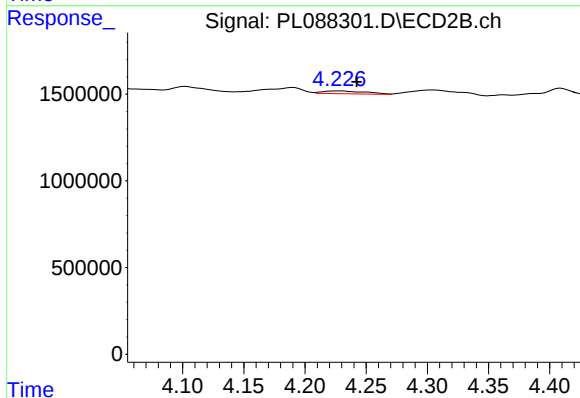
R.T.: 4.014 min
Delta R.T.: 0.007 min
Response: 99461
Conc: 0.11 ng/ml



#7 delta-BHC

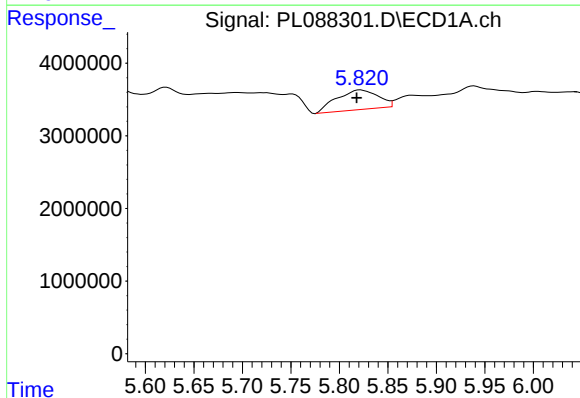
R.T.: 4.883 min
Delta R.T.: -0.005 min
Response: 4373703
Conc: 1.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05



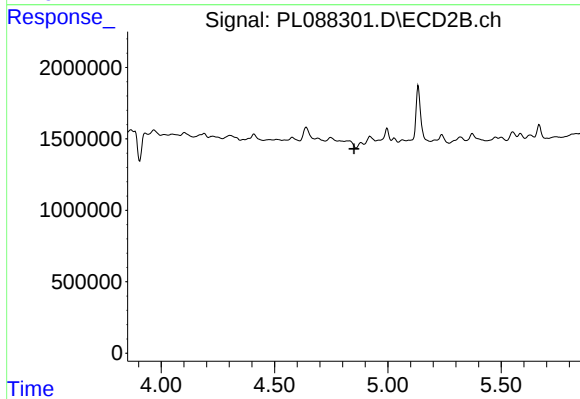
#7 delta-BHC

R.T.: 4.228 min
Delta R.T.: -0.014 min
Response: 403960
Conc: 0.20 ng/ml



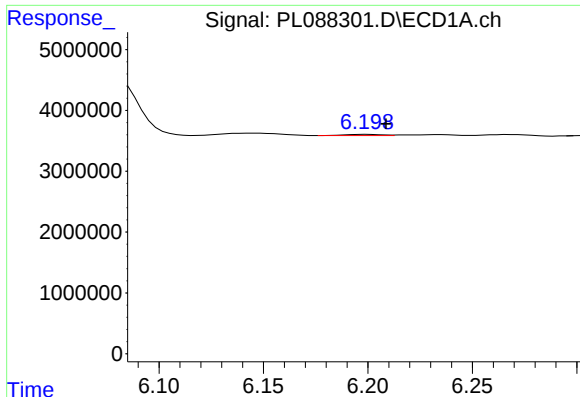
#8 Heptachlor epoxide

R.T.: 5.822 min
Delta R.T.: 0.004 min
Response: 8067266
Conc: 2.30 ng/ml



#8 Heptachlor epoxide

R.T.: 0.000 min
Exp R.T. : 4.851 min
Response: 0
Conc: N.D.



#9 Endosulfan I

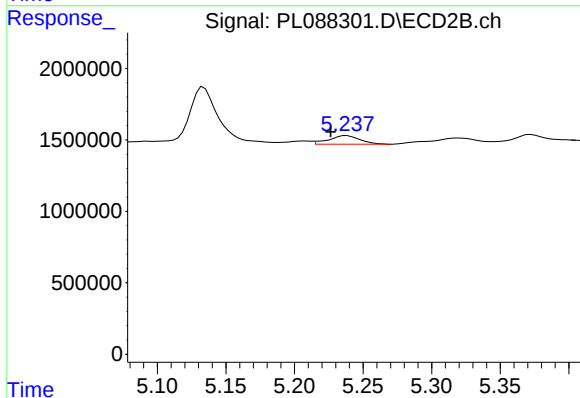
R.T.: 6.200 min
Delta R.T.: -0.009 min
Response: 238957
Conc: 0.08 ng/ml

Instrument :

ECD_L

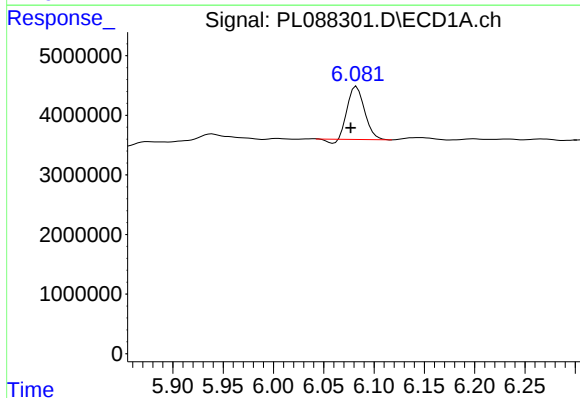
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



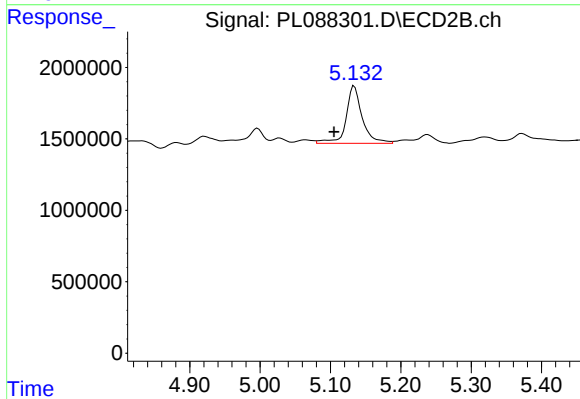
#9 Endosulfan I

R.T.: 5.238 min
Delta R.T.: 0.012 min
Response: 963571
Conc: 0.60 ng/ml



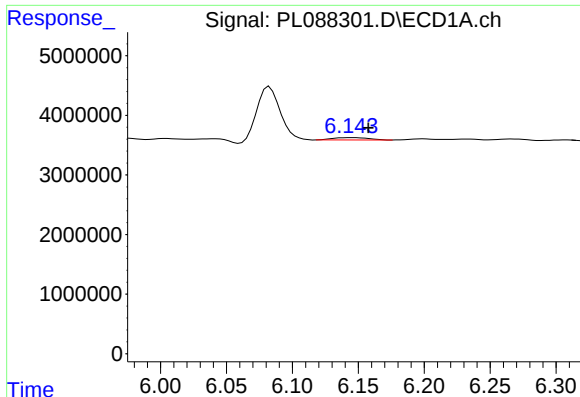
#10 gamma-Chlordane

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 10235854
Conc: 3.01 ng/ml



#10 gamma-Chlordane

R.T.: 5.134 min
Delta R.T.: 0.029 min
Response: 6415650
Conc: 3.60 ng/ml



#11 alpha-Chlordane

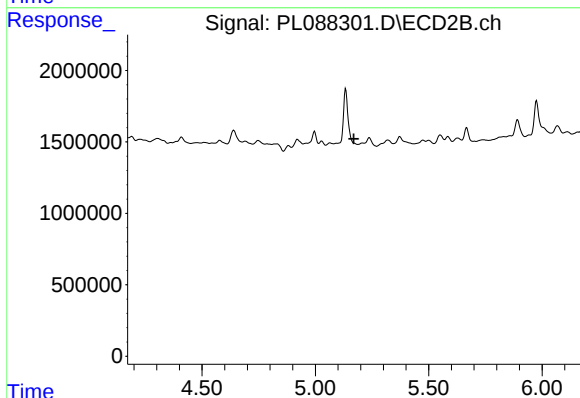
R.T.: 6.144 min
Delta R.T.: -0.014 min
Response: 757983
Conc: 0.22 ng/ml

Instrument :

ECD_L

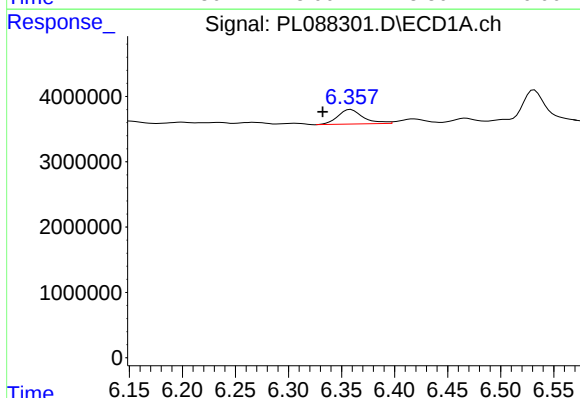
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



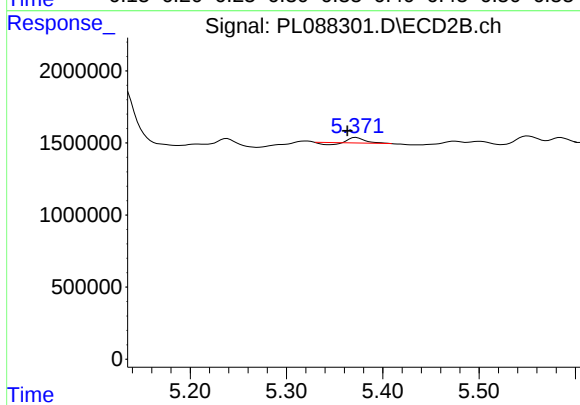
#11 alpha-Chlordane

R.T.: 0.000 min
Exp R.T. : 5.170 min
Response: 0
Conc: N.D.



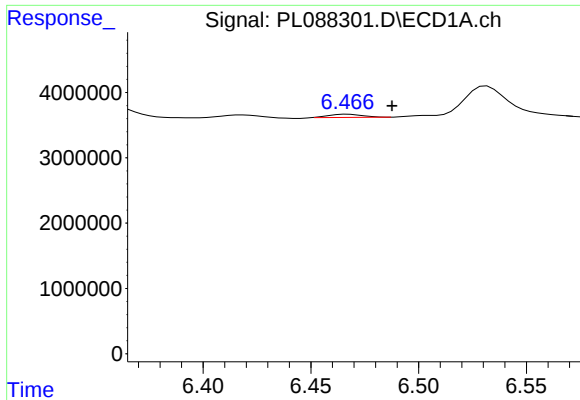
#12 4,4'-DDE

R.T.: 6.359 min
Delta R.T.: 0.026 min
Response: 3673589
Conc: 1.21 ng/ml



#12 4,4'-DDE

R.T.: 5.372 min
Delta R.T.: 0.009 min
Response: 277086
Conc: 0.17 ng/ml



#13 Dieldrin

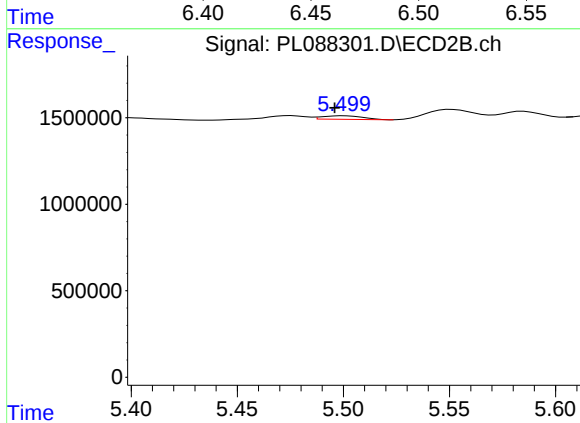
R.T.: 6.467 min
Delta R.T.: -0.021 min
Response: 528940
Conc: 0.16 ng/ml

Instrument :

ECD_L

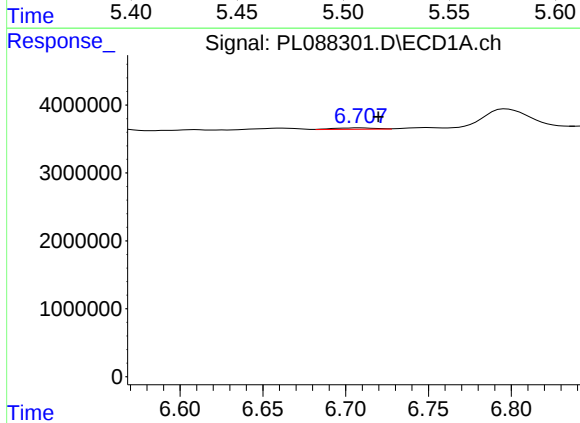
ClientSampleId :

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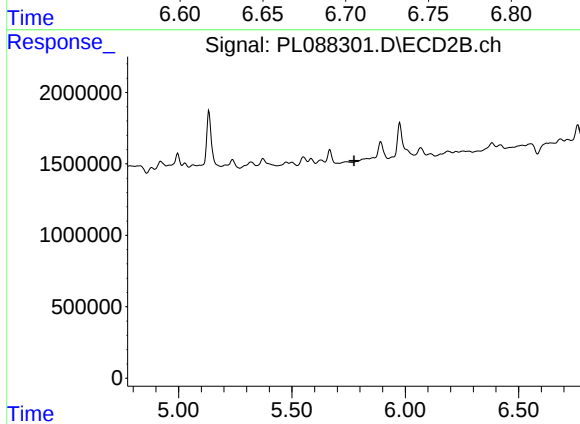
#13 Dieldrin

R.T.: 5.500 min
Delta R.T.: 0.004 min
Response: 267622
Conc: 0.16 ng/ml



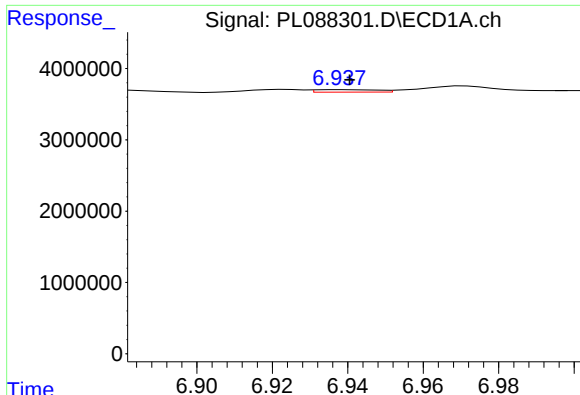
#14 Endrin

R.T.: 6.709 min
Delta R.T.: -0.011 min
Response: 369963
Conc: 0.14 ng/ml



#14 Endrin

R.T.: 0.000 min
Exp R.T. : 5.775 min
Response: 0
Conc: N.D.



#15 Endosulfan II

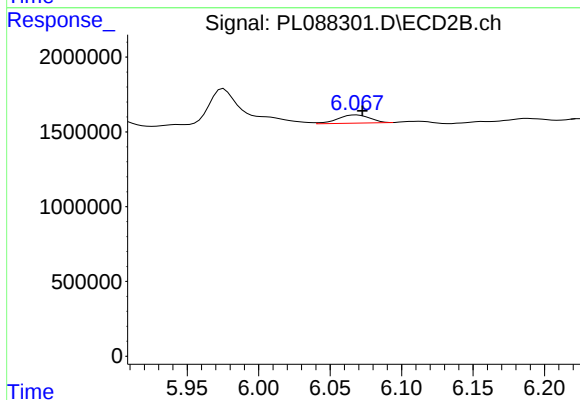
R.T.: 6.938 min
Delta R.T.: -0.002 min
Response: 391377
Conc: 0.14 ng/ml

Instrument :

ECD_L

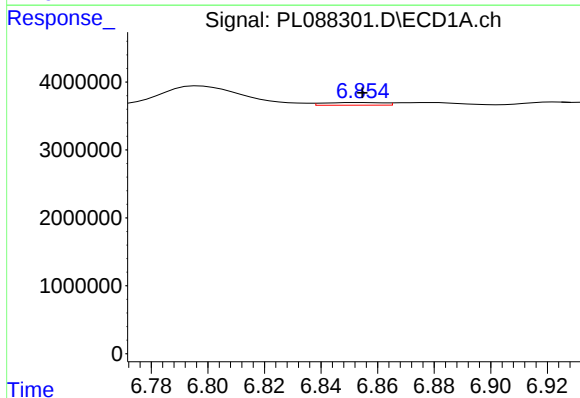
ClientSampleId :

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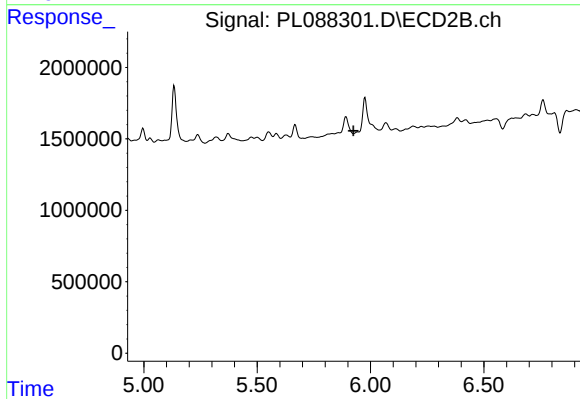
#15 Endosulfan II

R.T.: 6.068 min
Delta R.T.: -0.004 min
Response: 865061
Conc: 0.57 ng/ml



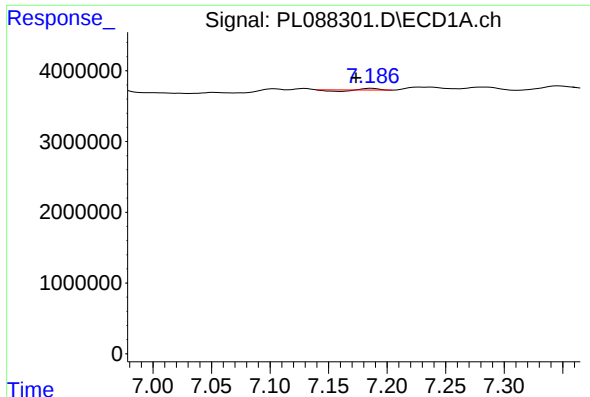
#16 4,4'-DDD

R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 571323
Conc: 0.22 ng/ml



#16 4,4'-DDD

R.T.: 0.000 min
Exp R.T. : 5.925 min
Response: 0
Conc: N.D.



#17 4,4'-DDT

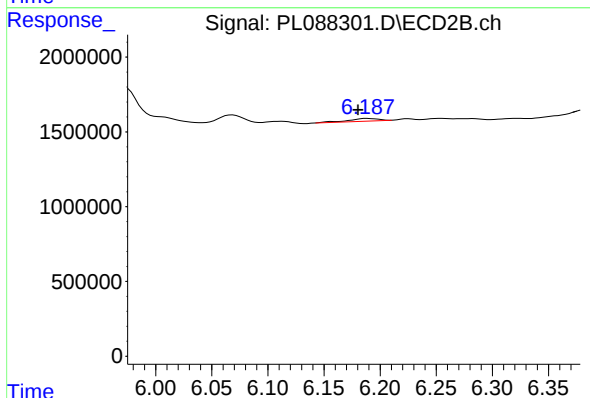
R.T.: 7.187 min
Delta R.T.: 0.013 min
Response: 19282
Conc: 0.01 ng/ml

Instrument :

ECD_L

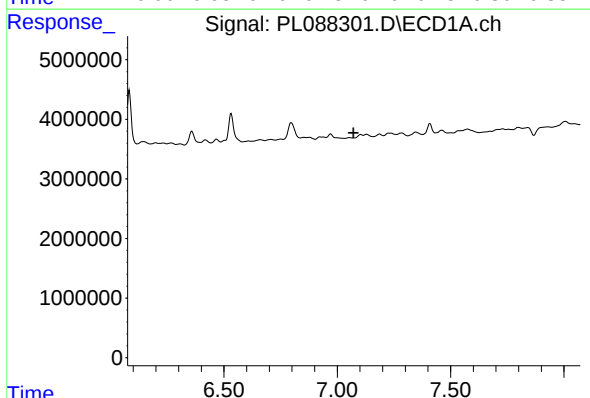
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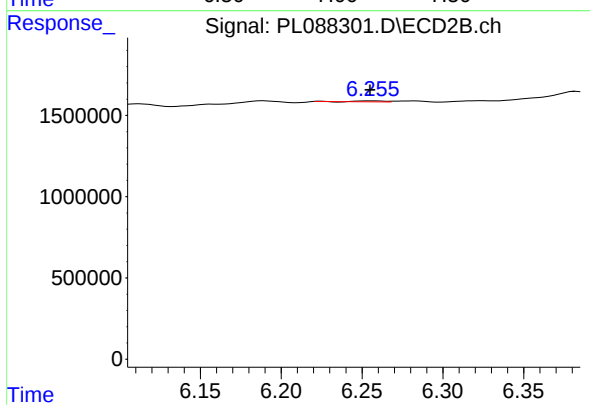
#17 4,4'-DDT

R.T.: 6.189 min
Delta R.T.: 0.008 min
Response: 328436
Conc: 0.24 ng/ml



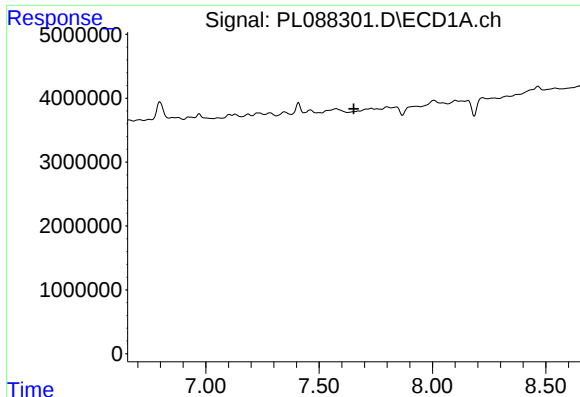
#18 Endrin aldehyde

R.T.: 0.000 min
Exp R.T. : 7.072 min
Response: 0
Conc: N.D.



#18 Endrin aldehyde

R.T.: 6.256 min
Delta R.T.: 0.000 min
Response: 68409
Conc: 0.06 ng/ml



#20 Methoxychlor

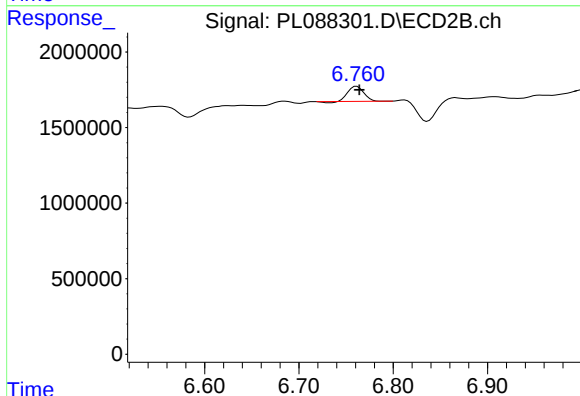
R.T.: 0.000 min
Exp R.T.: 7.653 min
Response: 0
Conc: N.D.

Instrument :

ECD_L

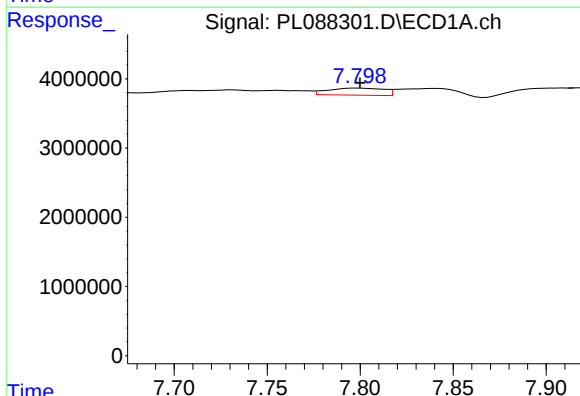
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



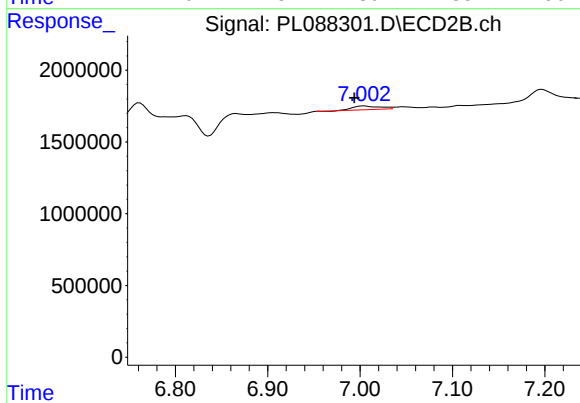
#20 Methoxychlor

R.T.: 6.761 min
Delta R.T.: -0.003 min
Response: 1141652
Conc: 1.46 ng/ml



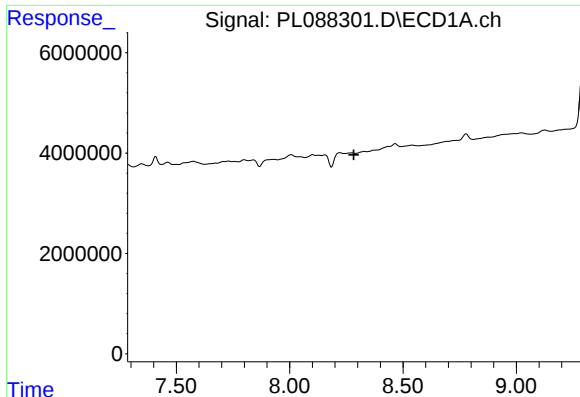
#21 Endrin ketone

R.T.: 7.798 min
Delta R.T.: -0.002 min
Response: 2110105
Conc: 0.75 ng/ml



#21 Endrin ketone

R.T.: 7.004 min
Delta R.T.: 0.010 min
Response: 504584
Conc: 0.30 ng/ml



#22 Mirex

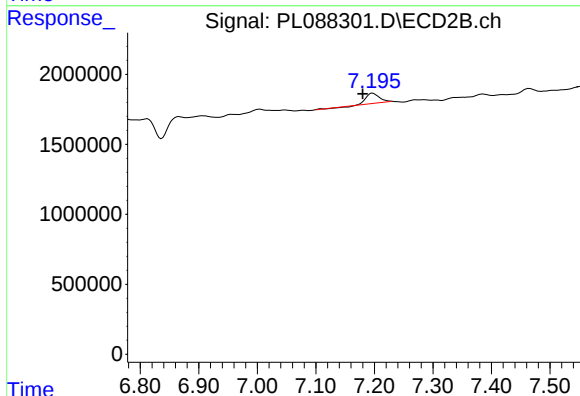
R.T.: 0.000 min
Exp R.T.: 8.283 min
Response: 0
Conc: N.D.

Instrument :

ECD_L

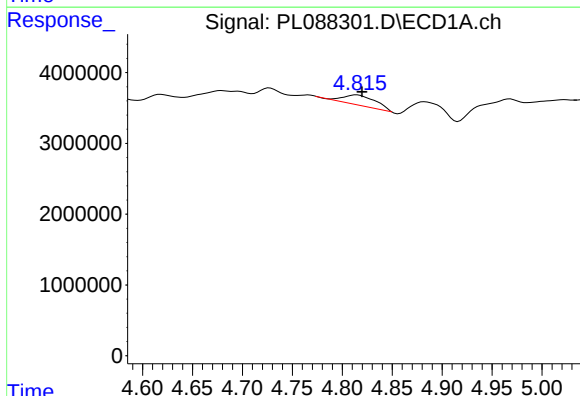
ClientSampleId :

20241106-AMENDED-COMPOSITE-35N-N-4-05



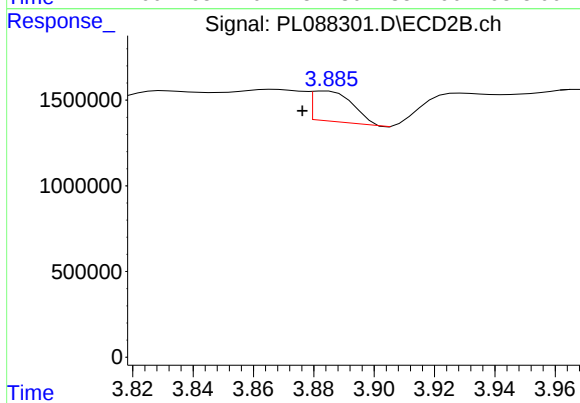
#22 Mirex

R.T.: 7.197 min
Delta R.T.: 0.017 min
Response: 1173303
Conc: 0.90 ng/ml



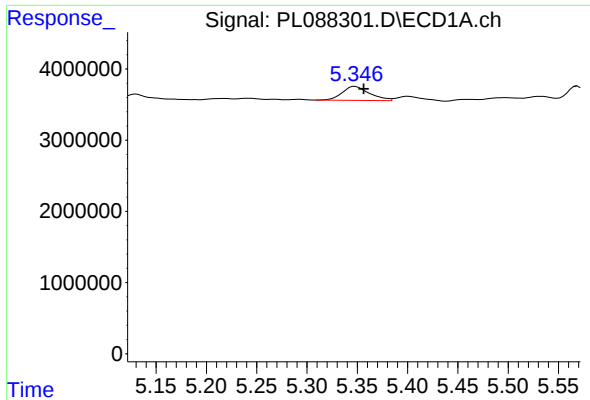
#23 Chlordane-1

R.T.: 4.815 min
Delta R.T.: -0.005 min
Response: 3074586
Conc: 23.94 ng/ml



#23 Chlordane-1

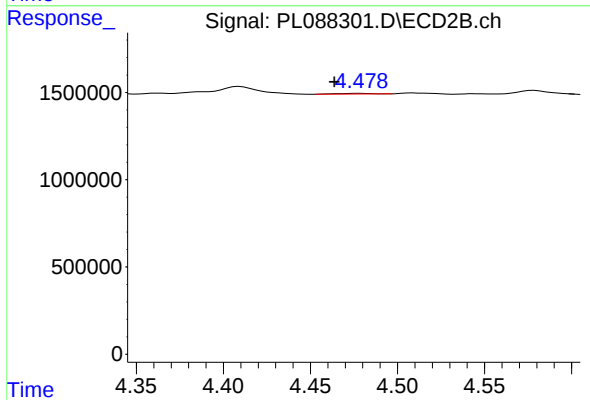
R.T.: 3.884 min
Delta R.T.: 0.008 min
Response: 1688140
Conc: 32.80 ng/ml



#24 Chlordane-2

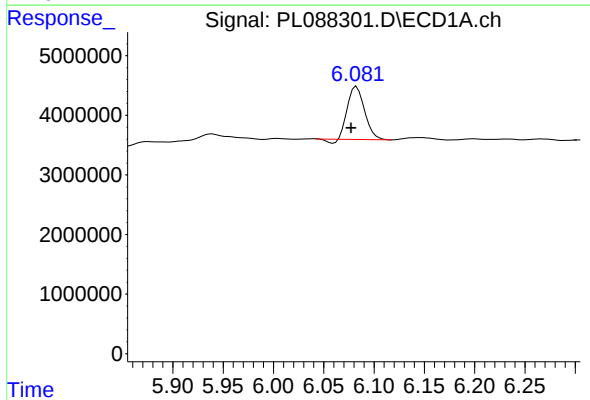
R.T.: 5.348 min
Delta R.T.: -0.009 min
Response: 3710121
Conc: 27.64 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05



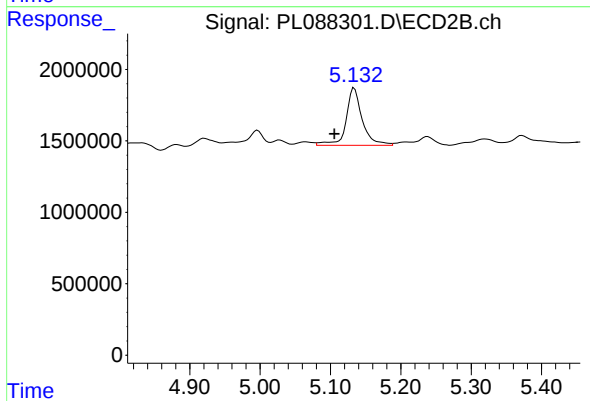
#24 Chlordane-2

R.T.: 4.479 min
Delta R.T.: 0.015 min
Response: 55100
Conc: 0.87 ng/ml



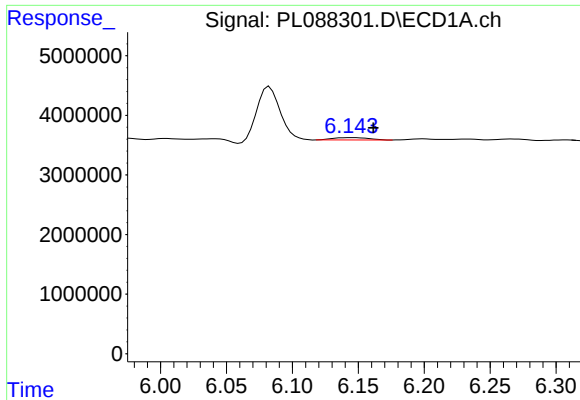
#25 Chlordane-3

R.T.: 6.083 min
Delta R.T.: 0.006 min
Response: 10235854
Conc: 20.27 ng/ml



#25 Chlordane-3

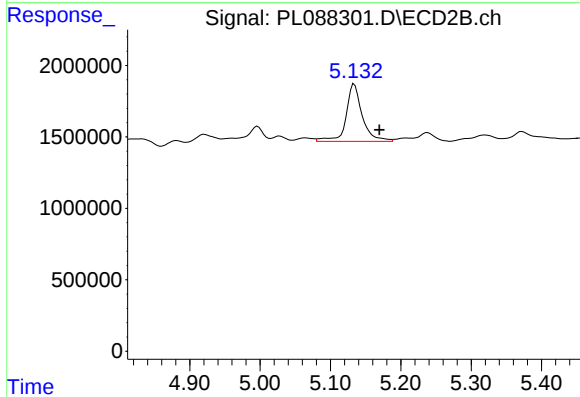
R.T.: 5.134 min
Delta R.T.: 0.028 min
Response: 6415650
Conc: 34.46 ng/ml



#26 Chlordane-4

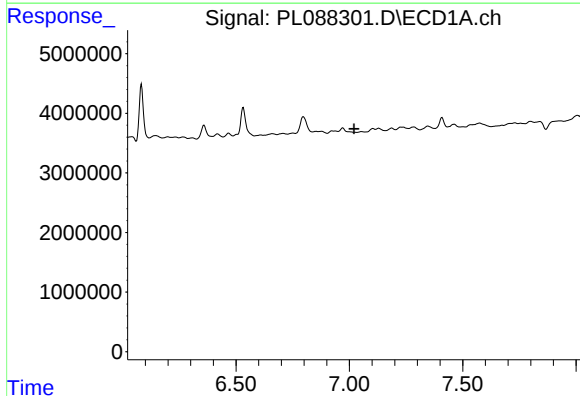
R.T.: 6.144 min
Delta R.T.: -0.018 min
Response: 757983
Conc: 1.23 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05



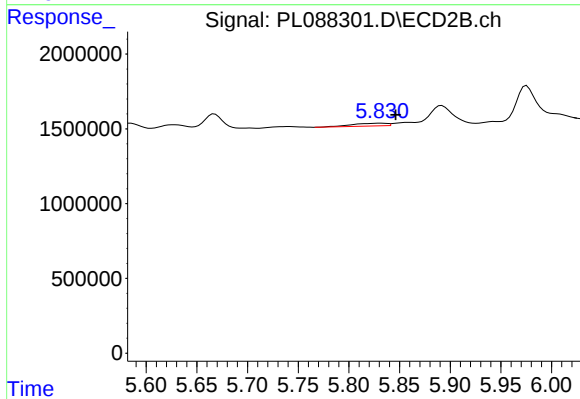
#26 Chlordane-4

R.T.: 5.134 min
Delta R.T.: -0.036 min
Response: 6415650
Conc: 37.10 ng/ml



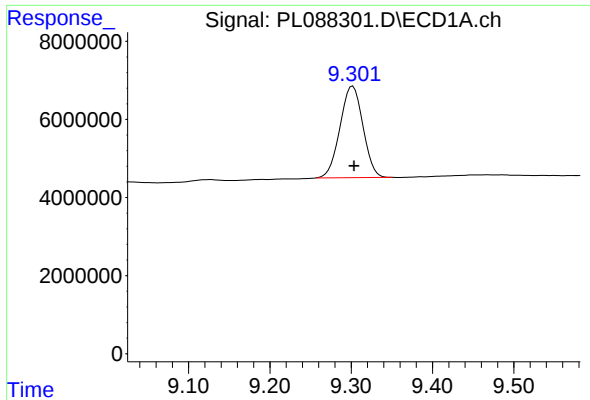
#27 Chlordane-5

R.T.: 0.000 min
Exp R.T. : 7.022 min
Response: 0
Conc: N.D.



#27 Chlordane-5

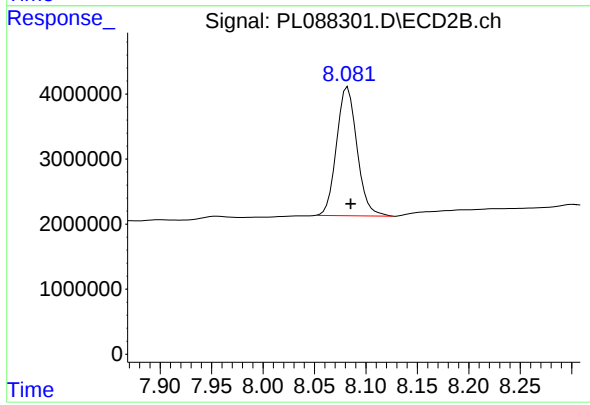
R.T.: 5.831 min
Delta R.T.: -0.015 min
Response: 422139
Conc: 7.98 ng/ml



#28 Decachlorobiphenyl

R.T.: 9.302 min
Delta R.T.: -0.002 min
Response: 45933861
Conc: 23.85 ng/ml

Instrument :
ECD_L
ClientSampleId :
20241106-AMENDED-COMPOSITE-35N-N-4-05



#28 Decachlorobiphenyl

R.T.: 8.082 min
Delta R.T.: -0.003 min
Response: 27375314
Conc: 21.50 ng/ml