

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050925AL\
 Data File : FE053742.D
 Signal(s) : FID1B.ch
 Acq On : 09 May 2025 10:46
 Operator : YP\AJ
 Sample : Q1972-14DL 2X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-B-7-EPHDL

Integration File: autoint1.e
 Quant Time: May 10 00:59:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 041725.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 29 06:49:03 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.857	2457597	13.626 ug/ml
Spiked Amount 50.000		Recovery =	27.25%
12) S 1-chlorooctadecane (S...	13.304	1951120	14.434 ug/ml
Spiked Amount 50.000		Recovery =	28.87%
Target Compounds			
7) T n-Hexadecane (C16)	10.098	88194	0.615 ug/ml
8) T n-Octadecane (C18)	11.544	112089	0.769 ug/ml
10) T n-Eicosane (C20)	12.857	149183	1.025 ug/ml
11) T n-Heneicosane (C21)	13.472	151696	1.047 ug/ml
13) T n-Docosane (C22)	14.057	79387	0.550 ug/ml
14) T n-Tetracosane (C24)	15.220	286006	1.991 ug/ml
15) T n-Hexacosane (C26)	16.228	221661	1.565 ug/ml
16) T n-Octacosane (C28)	17.155	397503	2.857 ug/ml
18) T n-Dotriacontane (C32)	18.860	158238	1.152 ug/ml

(f)=RT Delta > 1/2 Window

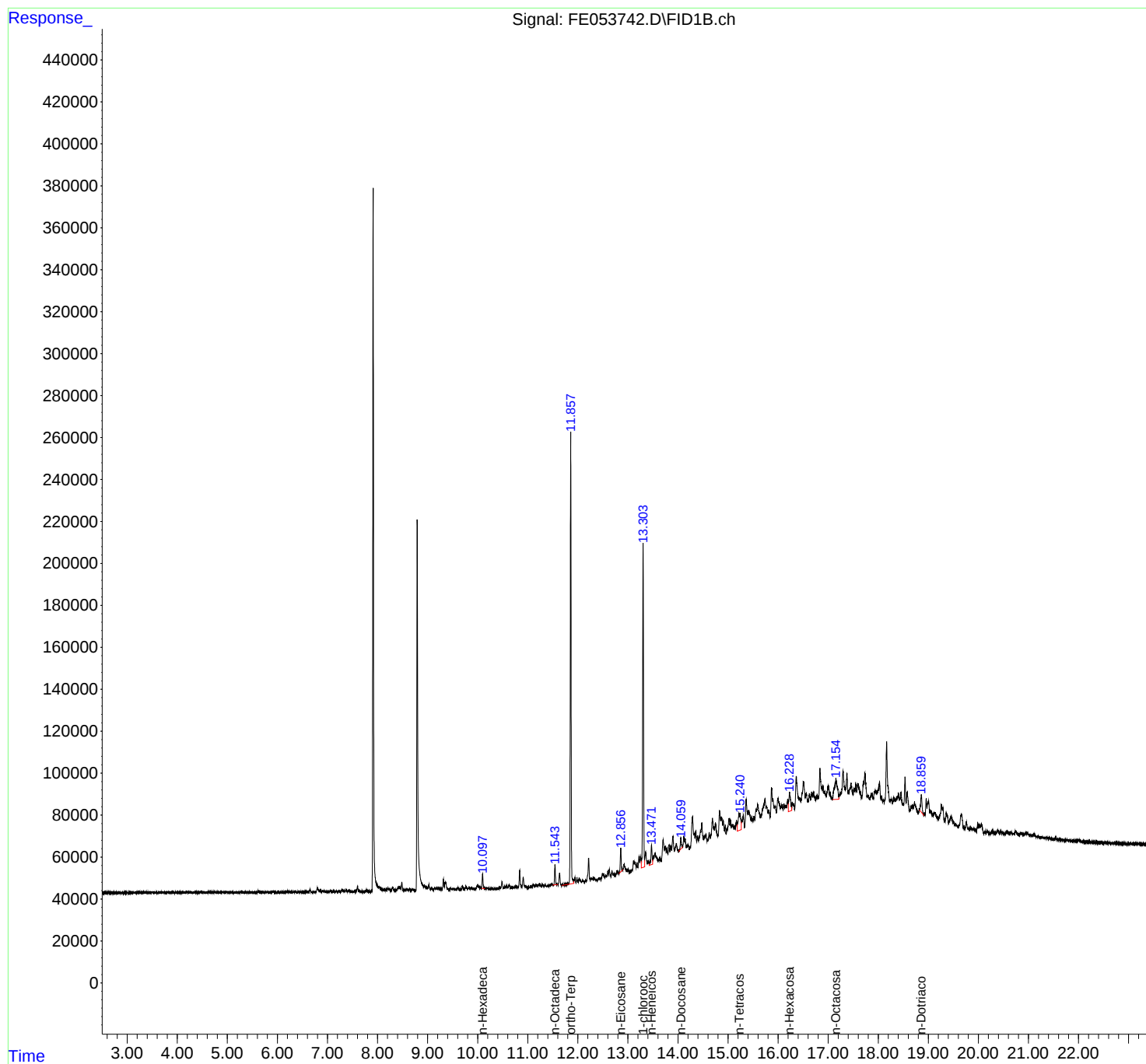
(m)=manual int.

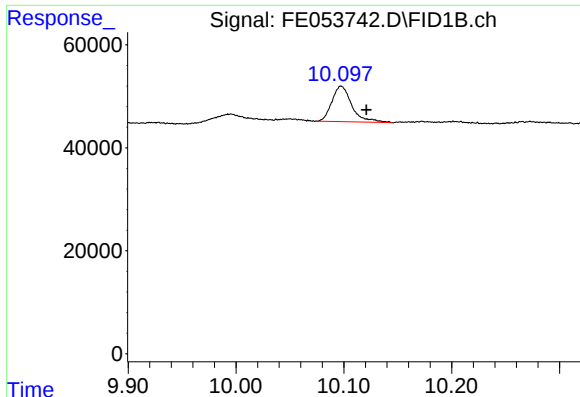
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Signal Info : 20M x 0.18mm x 0.18um

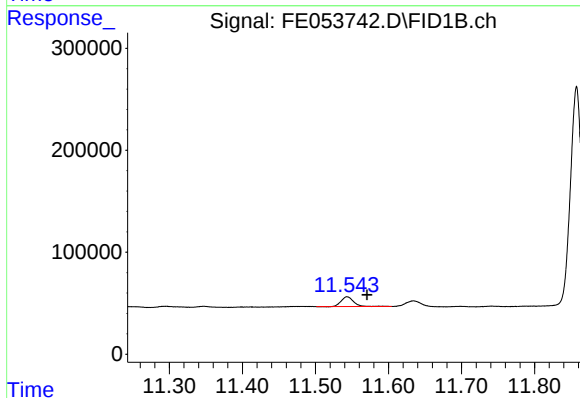




#7 n-Hexadecane (C16)

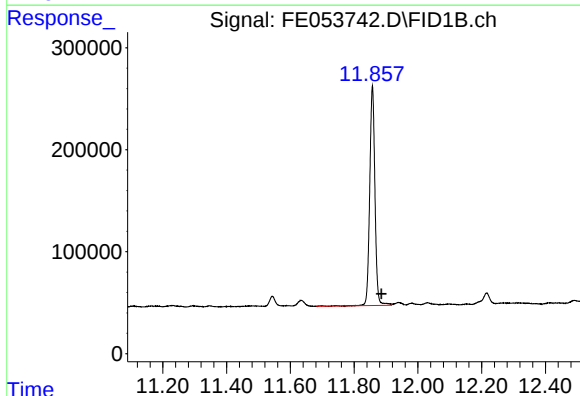
R.T.: 10.098 min
Delta R.T.: -0.023 min
Response: 88194
Conc: 0.62 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-B-7-EPHDL



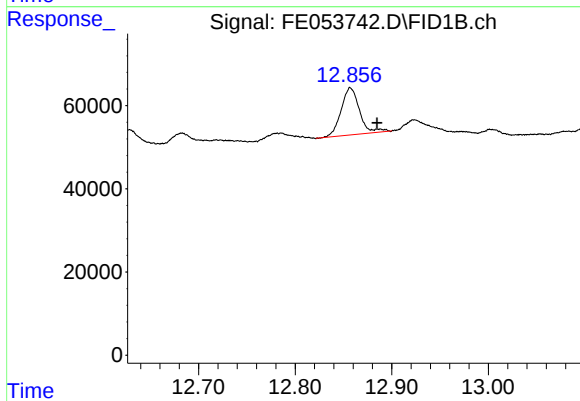
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.027 min
Response: 112089
Conc: 0.77 ug/ml



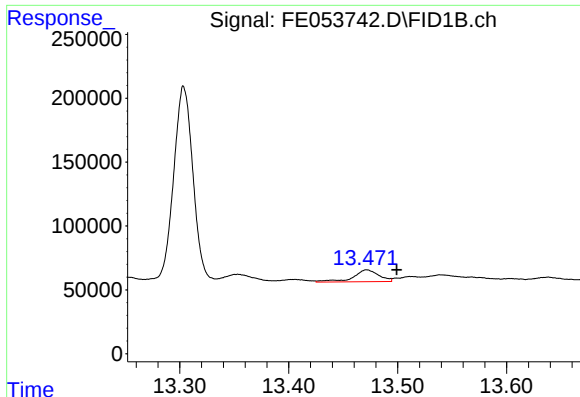
#9 ortho-Terphenyl (SURR)

R.T.: 11.857 min
Delta R.T.: -0.028 min
Response: 2457597
Conc: 13.63 ug/ml



#10 n-Eicosane (C20)

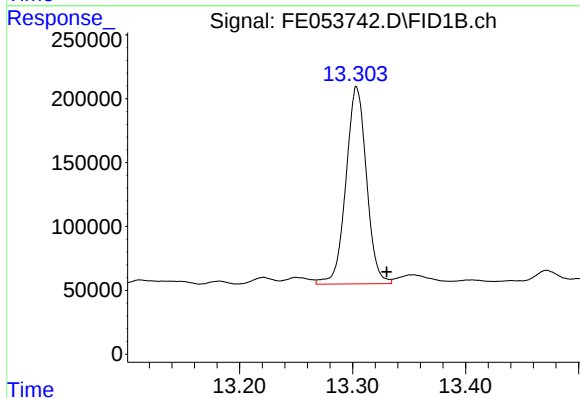
R.T.: 12.857 min
Delta R.T.: -0.027 min
Response: 149183
Conc: 1.03 ug/ml



#11 n-Heneicosane (C21)

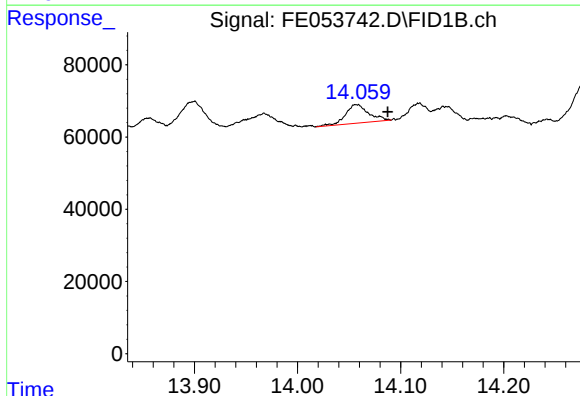
R.T.: 13.472 min
Delta R.T.: -0.027 min
Response: 151696
Conc: 1.05 ug/ml

Instrument :
FID_E
ClientSampleId :
WC-B-7-EPHDL



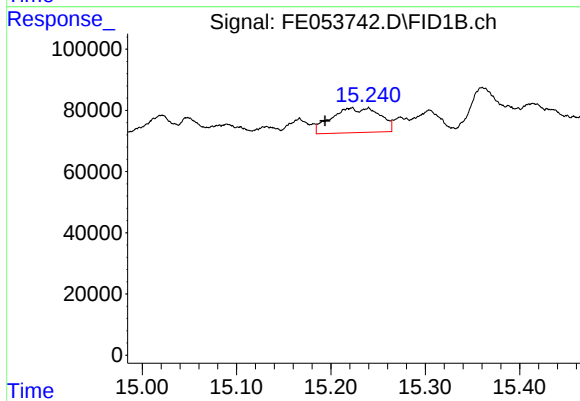
#12 1-chlorooctadecane (SURR)

R.T.: 13.304 min
Delta R.T.: -0.027 min
Response: 1951120
Conc: 14.43 ug/ml



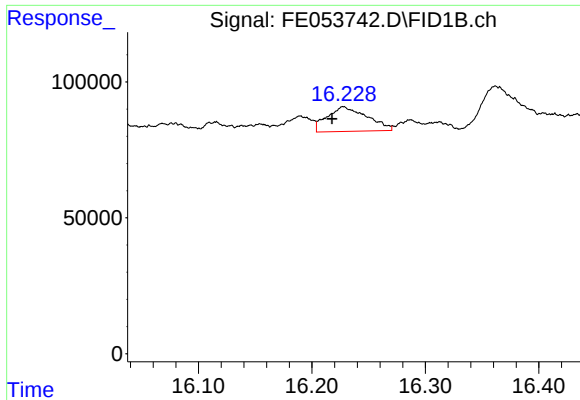
#13 n-Docosane (C22)

R.T.: 14.057 min
Delta R.T.: -0.030 min
Response: 79387
Conc: 0.55 ug/ml



#14 n-Tetracosane (C24)

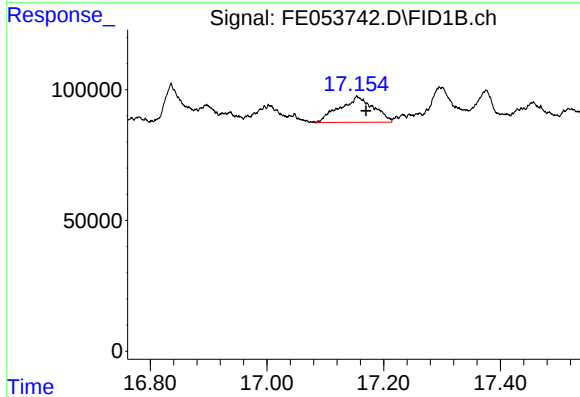
R.T.: 15.220 min
Delta R.T.: 0.027 min
Response: 286006
Conc: 1.99 ug/ml



#15 n-Hexacosane (C26)

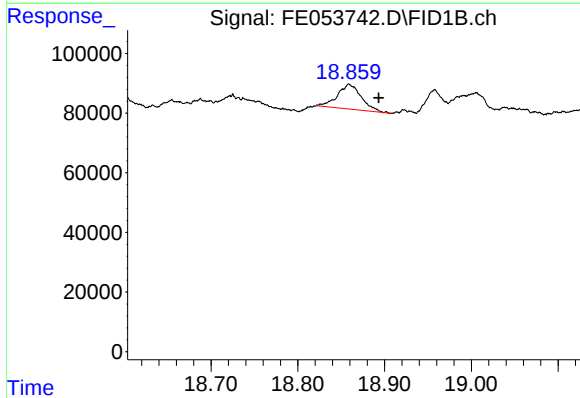
R.T.: 16.228 min
Delta R.T.: 0.011 min
Response: 221661
Conc: 1.57 ug/ml

Instrument :
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#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.015 min
Response: 397503
Conc: 2.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.860 min
Delta R.T.: -0.034 min
Response: 158238
Conc: 1.15 ug/ml