

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050825AL\
 Data File : FE053720.D
 Signal(s) : FID1B.ch
 Acq On : 08 May 2025 20:01
 Operator : YP\AJ
 Sample : Q1972-14
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: May 09 02:02:58 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)	11.859	4966653	27.537 ug/ml
Spiked Amount 50.000		Recovery =	55.07%
12) S 1-chlorooctadecane (S...	13.354	261196	1.932 ug/ml
Spiked Amount 50.000		Recovery =	3.86%
Target Compounds			
6) T n-Tetradecane (C14)	8.484	105627	0.753 ug/ml
7) T n-Hexadecane (C16)	10.095	185076	1.291 ug/ml
8) T n-Octadecane (C18)	11.543	221607	1.521 ug/ml
10) T n-Eicosane (C20)	12.857	364653	2.506 ug/ml
11) T n-Heneicosane (C21)	13.472	328712	2.269 ug/ml
13) T n-Docosane (C22)	14.058	461167	3.196 ug/ml
14) T n-Tetracosane (C24)	15.166	540006	3.759 ug/ml
15) T n-Hexacosane (C26)	16.231	879567	6.210 ug/ml
16) T n-Octacosane (C28)	17.162	1751957	12.593 ug/ml
18) T n-Dotriacontane (C32)	18.856	290941	2.119 ug/ml
19) T n-Tetratriacontane (C34)	19.670	294816	2.263 ug/ml

(f)=RT Delta > 1/2 Window

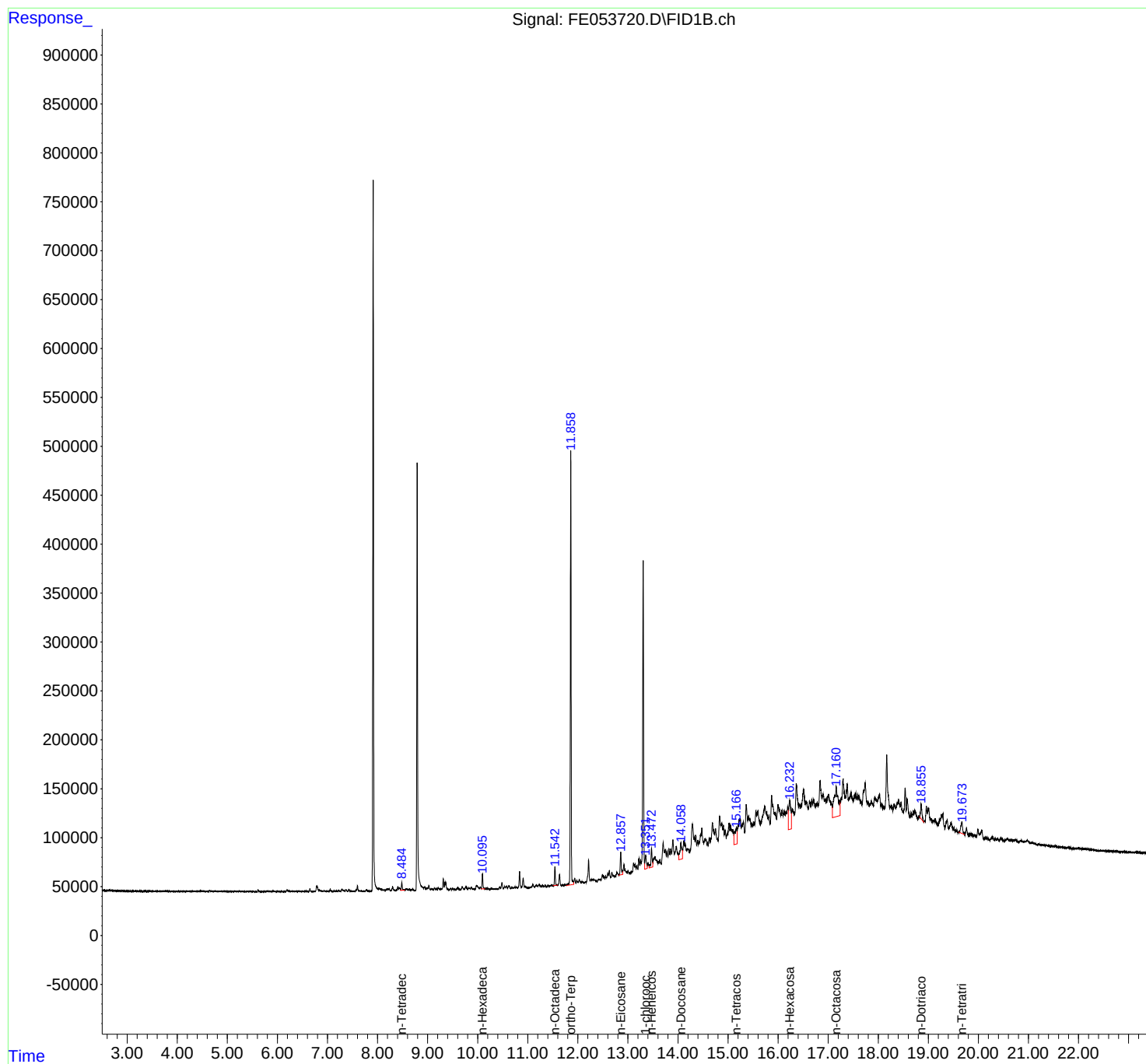
(m)=manual int.

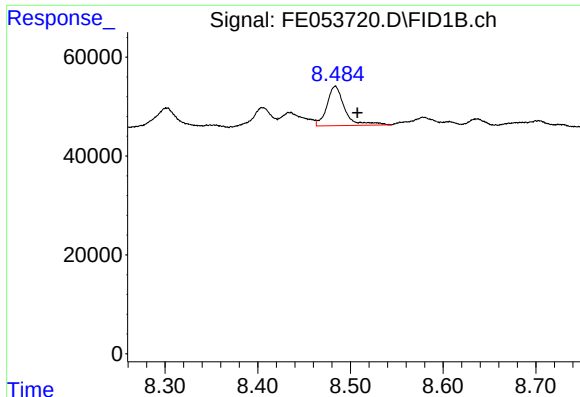
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Signal Info : 20M x 0.18mm x 0.18um

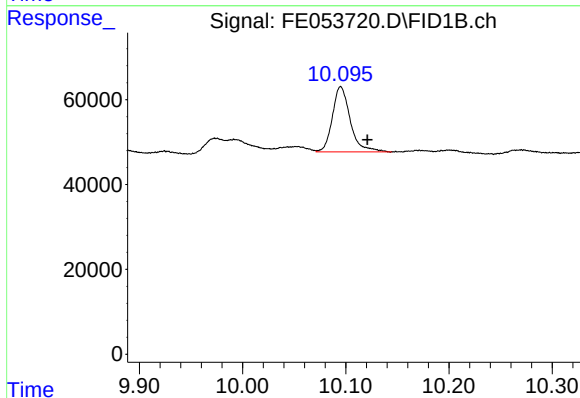




#6 n-Tetradecane (C14)

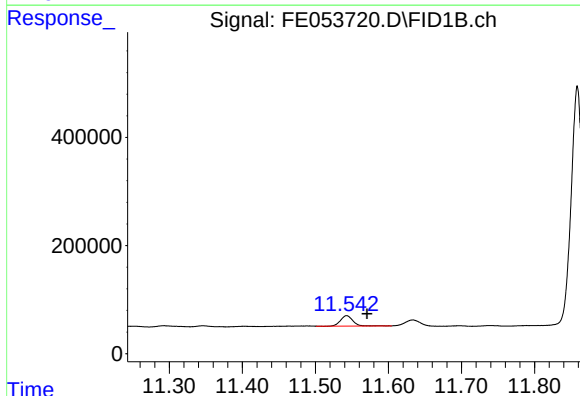
R.T.: 8.484 min
Delta R.T.: -0.024 min
Response: 105627
Conc: 0.75 ug/ml

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



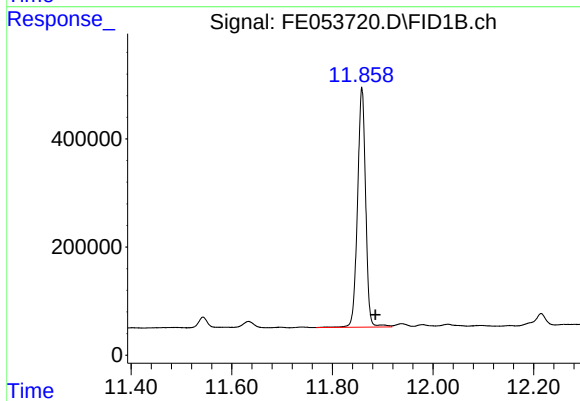
#7 n-Hexadecane (C16)

R.T.: 10.095 min
Delta R.T.: -0.026 min
Response: 185076
Conc: 1.29 ug/ml



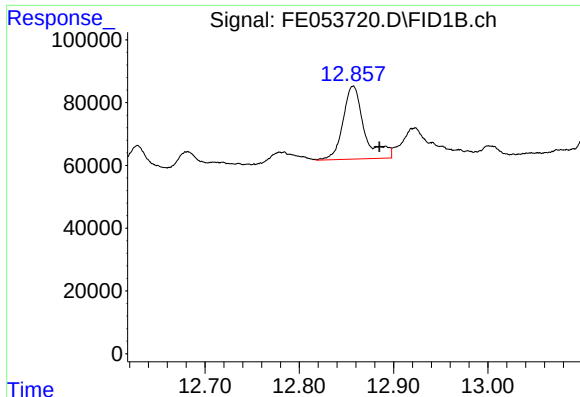
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: -0.028 min
Response: 221607
Conc: 1.52 ug/ml



#9 ortho-Terphenyl (SURR)

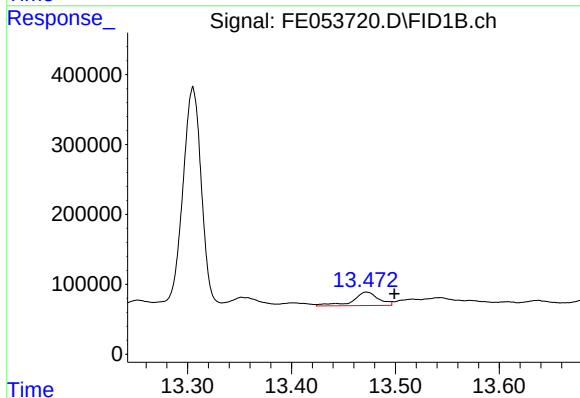
R.T.: 11.859 min
Delta R.T.: -0.027 min
Response: 4966653
Conc: 27.54 ug/ml



#10 n-Eicosane (C20)

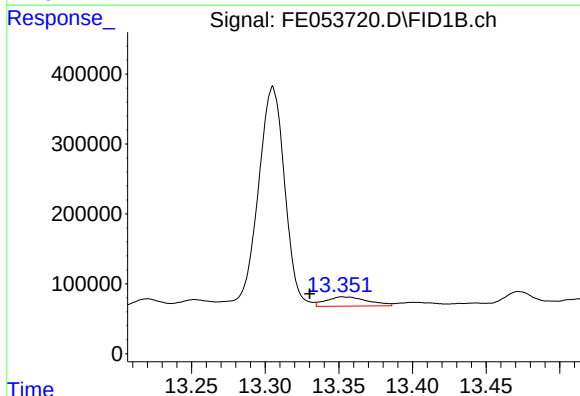
R.T.: 12.857 min
Delta R.T.: -0.028 min
Response: 364653
Conc: 2.51 ug/ml

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



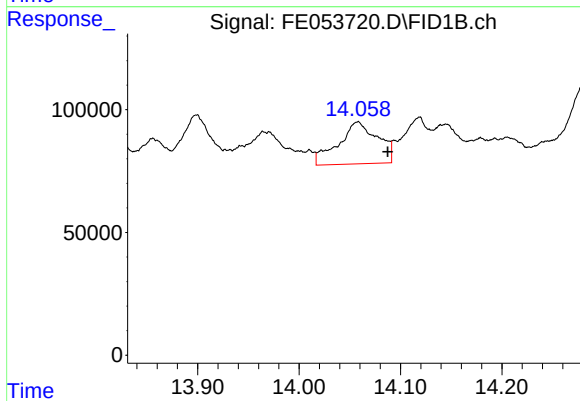
#11 n-Heneicosane (C21)

R.T.: 13.472 min
Delta R.T.: -0.027 min
Response: 328712
Conc: 2.27 ug/ml



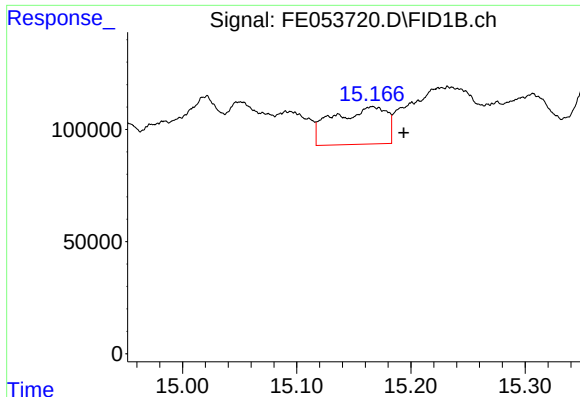
#12 1-chlorooctadecane (SURR)

R.T.: 13.354 min
Delta R.T.: 0.024 min
Response: 261196
Conc: 1.93 ug/ml



#13 n-Docosane (C22)

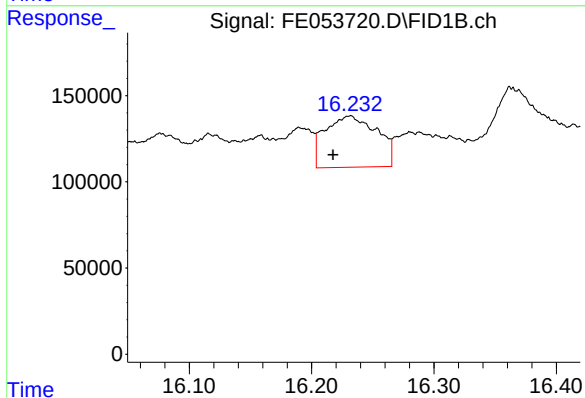
R.T.: 14.058 min
Delta R.T.: -0.030 min
Response: 461167
Conc: 3.20 ug/ml



#14 n-Tetracosane (C24)

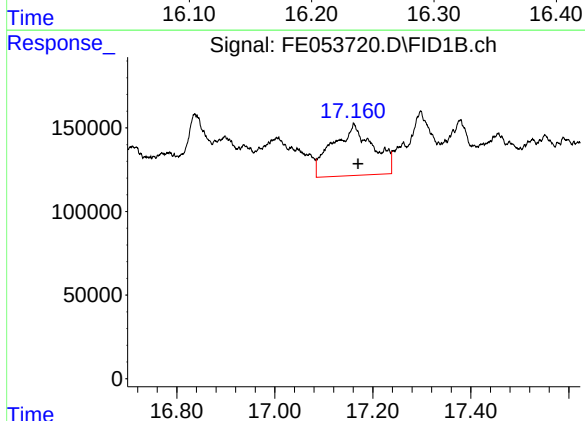
R.T.: 15.166 min
Delta R.T.: -0.027 min
Response: 540006
Conc: 3.76 ug/ml

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



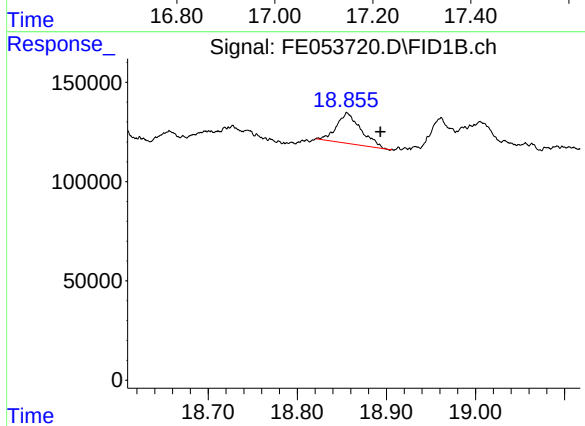
#15 n-Hexacosane (C26)

R.T.: 16.231 min
Delta R.T.: 0.013 min
Response: 879567
Conc: 6.21 ug/ml



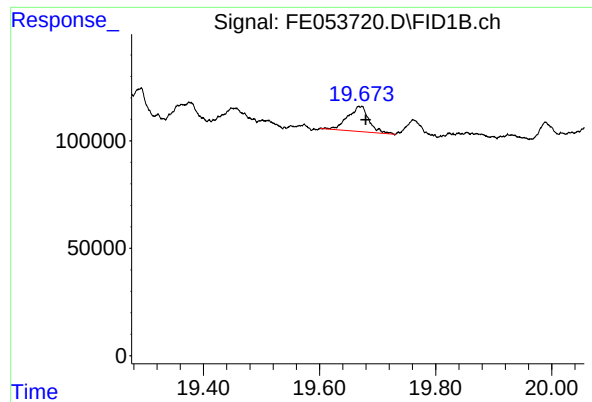
#16 n-Octacosane (C28)

R.T.: 17.162 min
Delta R.T.: -0.008 min
Response: 1751957
Conc: 12.59 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.856 min
Delta R.T.: -0.037 min
Response: 290941
Conc: 2.12 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.010 min
Response: 294816
Conc: 2.26 ug/ml

Instrument :

FID_E

ClientSampleId :

WC-B-7-EPH