

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050625AL\
 Data File : FE053678.D
 Signal(s) : FID1B.ch
 Acq On : 06 May 2025 20:03
 Operator : YP\AJ
 Sample : Q1962-01
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 HD-01-050525

Integration File: autoint1.e
 Quant Time: May 07 03:30:04 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)	11.864	4189699	23.229 ug/ml
Spiked Amount 50.000		Recovery =	46.46%
12) S 1-chlorooctadecane (S...	13.309	3419650	25.298 ug/ml
Spiked Amount 50.000		Recovery =	50.60%
Target Compounds			
5) T A~2-methylnaphthalene...	7.291	140845	0.943 ug/ml
6) T n-Tetradecane (C14)	8.488	730107	5.204 ug/ml
7) T n-Hexadecane (C16)	10.101	1131898	7.898 ug/ml
8) T n-Octadecane (C18)	11.548	1013321	6.953 ug/ml
10) T n-Eicosane (C20)	12.862	798478	5.487 ug/ml
11) T n-Heneicosane (C21)	13.476	553517	3.821 ug/ml
13) T n-Docosane (C22)	14.064	412374	2.858 ug/ml
14) T n-Tetracosane (C24)	15.169	213664	1.487 ug/ml
15) T n-Hexacosane (C26)	16.194	200264	1.414 ug/ml
16) T n-Octacosane (C28)	17.151	222082	1.596 ug/ml
17) T n-Tricontane (C30)	18.032	150812	1.083 ug/ml
18) T n-Dotriacontane (C32)	18.869	205885	1.499 ug/ml
19) T n-Tetratriacontane (C34)	19.677	132091	1.014 ug/ml
20) T n-Hexatriacontane (C36)	20.400	168140	1.332 ug/ml

(f)=RT Delta > 1/2 Window

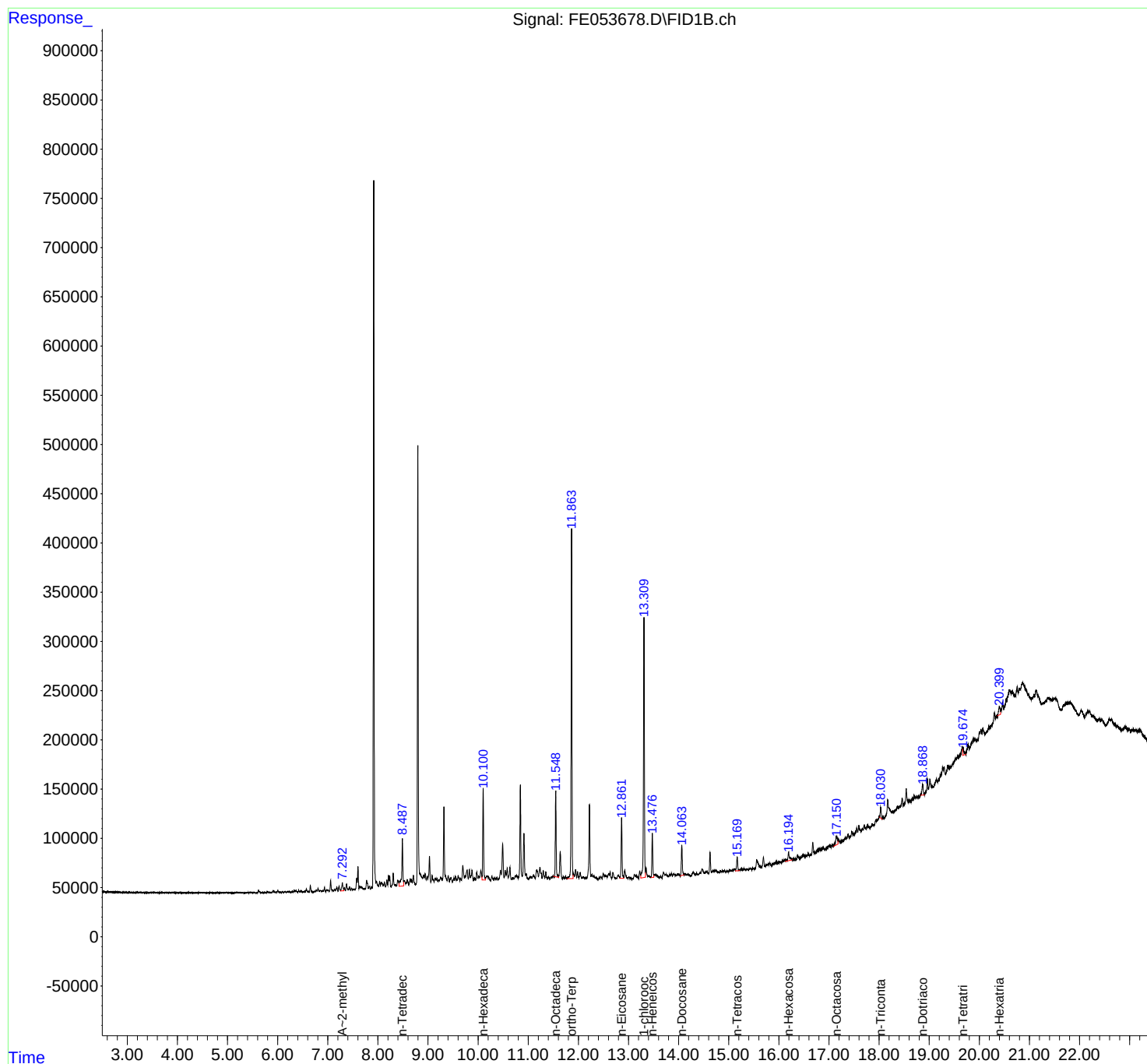
(m)=manual int.

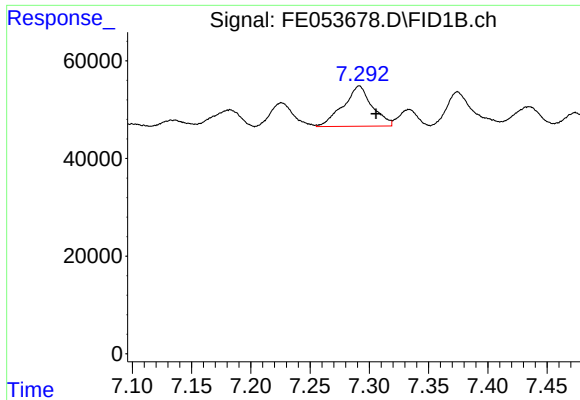
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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

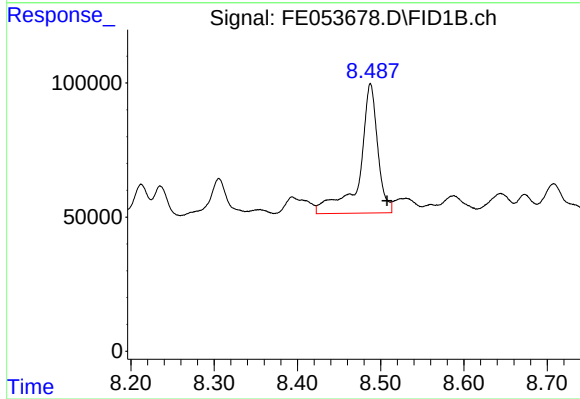




#5 A~2-methylnaphthalene (C12.89)

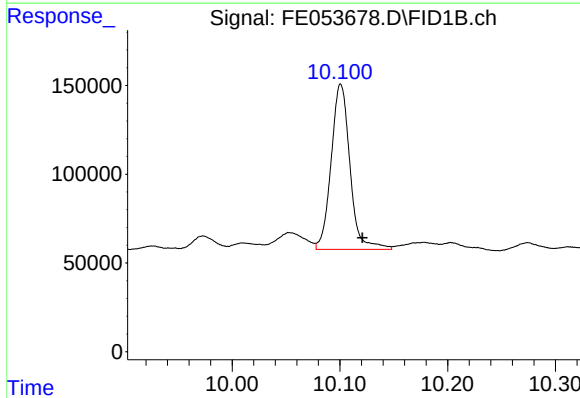
R.T.: 7.291 min
Delta R.T.: -0.014 min
Response: 140845
Conc: 0.94 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-050525



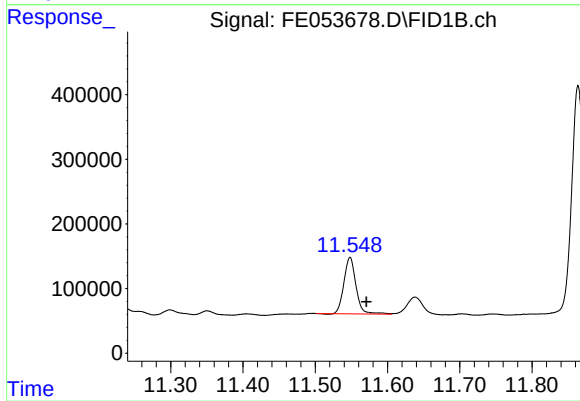
#6 n-Tetradecane (C14)

R.T.: 8.488 min
Delta R.T.: -0.020 min
Response: 730107
Conc: 5.20 ug/ml



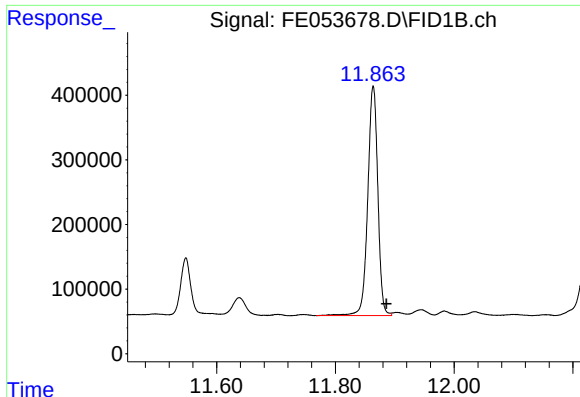
#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: -0.020 min
Response: 1131898
Conc: 7.90 ug/ml



#8 n-Octadecane (C18)

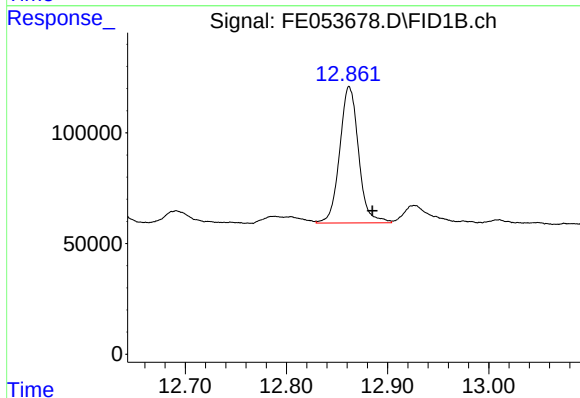
R.T.: 11.548 min
Delta R.T.: -0.023 min
Response: 1013321
Conc: 6.95 ug/ml



#9 ortho-Terphenyl (SURR)

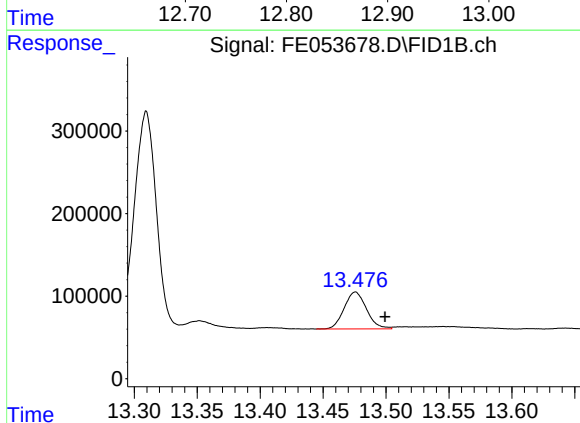
R.T.: 11.864 min
Delta R.T.: -0.022 min
Response: 4189699
Conc: 23.23 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-050525



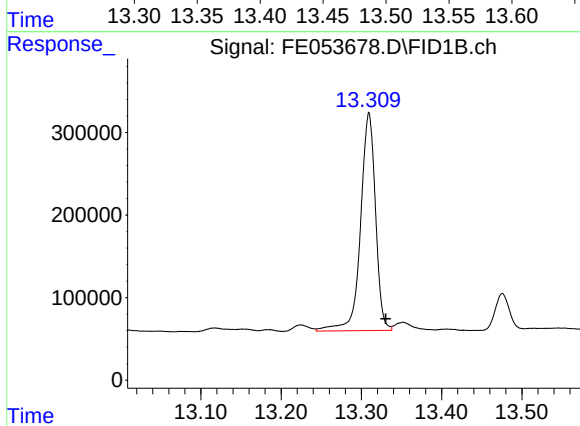
#10 n-Eicosane (C20)

R.T.: 12.862 min
Delta R.T.: -0.023 min
Response: 798478
Conc: 5.49 ug/ml



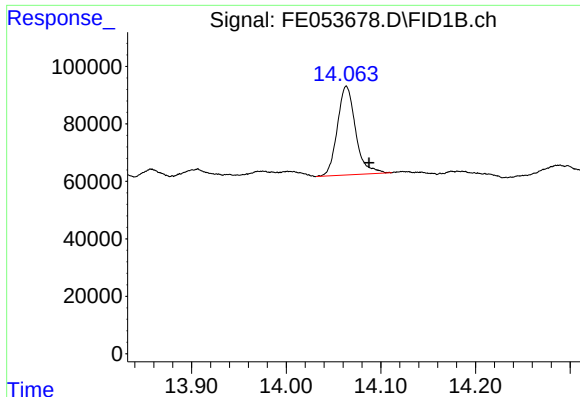
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.024 min
Response: 553517
Conc: 3.82 ug/ml



#12 1-chlorooctadecane (SURR)

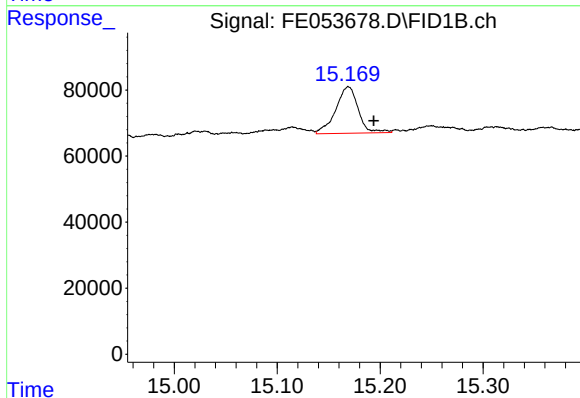
R.T.: 13.309 min
Delta R.T.: -0.021 min
Response: 3419650
Conc: 25.30 ug/ml



#13 n-Docosane (C22)

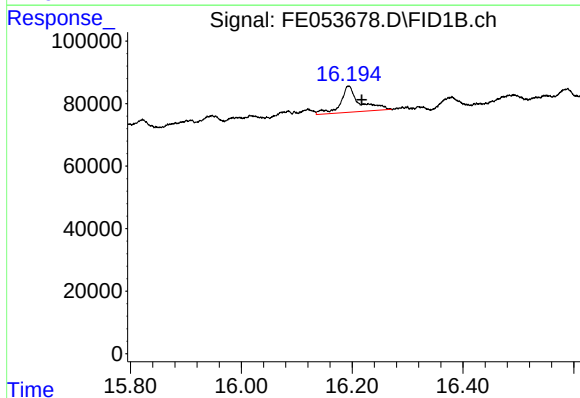
R.T.: 14.064 min
Delta R.T.: -0.024 min
Response: 412374
Conc: 2.86 ug/ml

Instrument :
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HD-01-050525



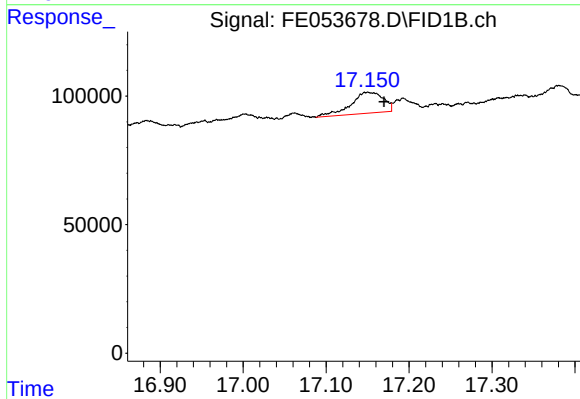
#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.025 min
Response: 213664
Conc: 1.49 ug/ml



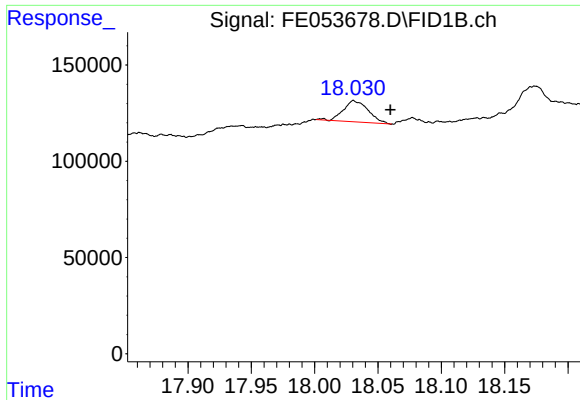
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.024 min
Response: 200264
Conc: 1.41 ug/ml



#16 n-Octacosane (C28)

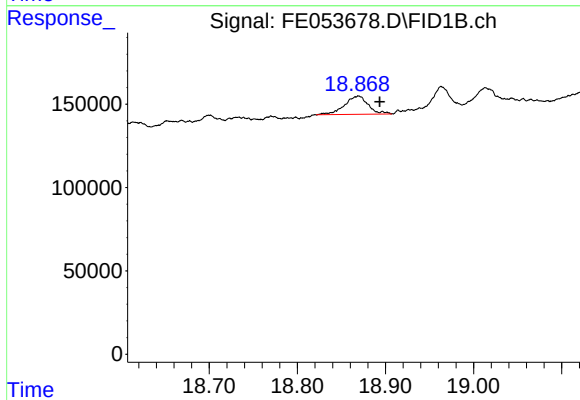
R.T.: 17.151 min
Delta R.T.: -0.019 min
Response: 222082
Conc: 1.60 ug/ml



#17 n-Tricontane (C30)

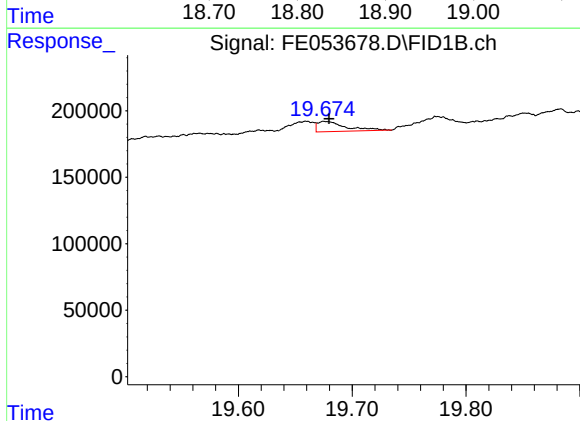
R.T.: 18.032 min
Delta R.T.: -0.028 min
Response: 150812
Conc: 1.08 ug/ml

Instrument :
FID_E
ClientSampleId :
HD-01-050525



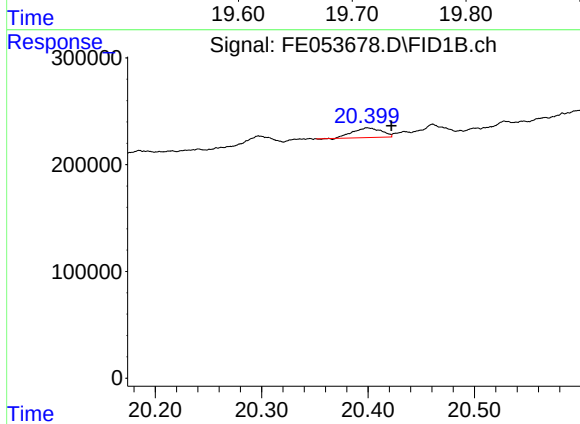
#18 n-Dotriacontane (C32)

R.T.: 18.869 min
Delta R.T.: -0.025 min
Response: 205885
Conc: 1.50 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.677 min
Delta R.T.: -0.003 min
Response: 132091
Conc: 1.01 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.400 min
Delta R.T.: -0.022 min
Response: 168140
Conc: 1.33 ug/ml