

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060325AL\
 Data File : FE054160.D
 Signal(s) : FID1B.ch
 Acq On : 03 Jun 2025 19:26
 Operator : YP\AJ
 Sample : Q2174-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 D1

Integration File: autoint1.e
 Quant Time: Jun 04 02:54:15 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051425.M
 Quant Title : GC Extractables
 QLast Update : Wed May 14 12:15:41 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)	11.837	4540006	27.936 ug/ml
Spiked Amount 50.000		Recovery =	55.87%
12) S 1-chlorooctadecane (S...	13.282	3534176	29.812 ug/ml
Spiked Amount 50.000		Recovery =	59.62%
Target Compounds			
7) T n-Hexadecane (C16)	10.076	38436	0.285 ug/ml
8) T n-Octadecane (C18)	11.523	26133	0.194 ug/ml
10) T n-Eicosane (C20)	12.834	42405	0.323 ug/ml
11) T n-Heneicosane (C21)	13.451	36236	0.280 ug/ml
13) T n-Docosane (C22)	14.036	15542	0.122 ug/ml
14) T n-Tetracosane (C24)	15.143	76829	0.614 ug/ml
16) T n-Octacosane (C28)	17.125	18221	0.150 ug/ml
17) T n-Tricontane (C30)	18.002	46857	0.376 ug/ml
18) T n-Dotriacontane (C32)	18.831	67656	0.541 ug/ml
20) T n-Hexatriacontane (C36)	20.433f	30597	0.264 ug/ml

(f)=RT Delta > 1/2 Window

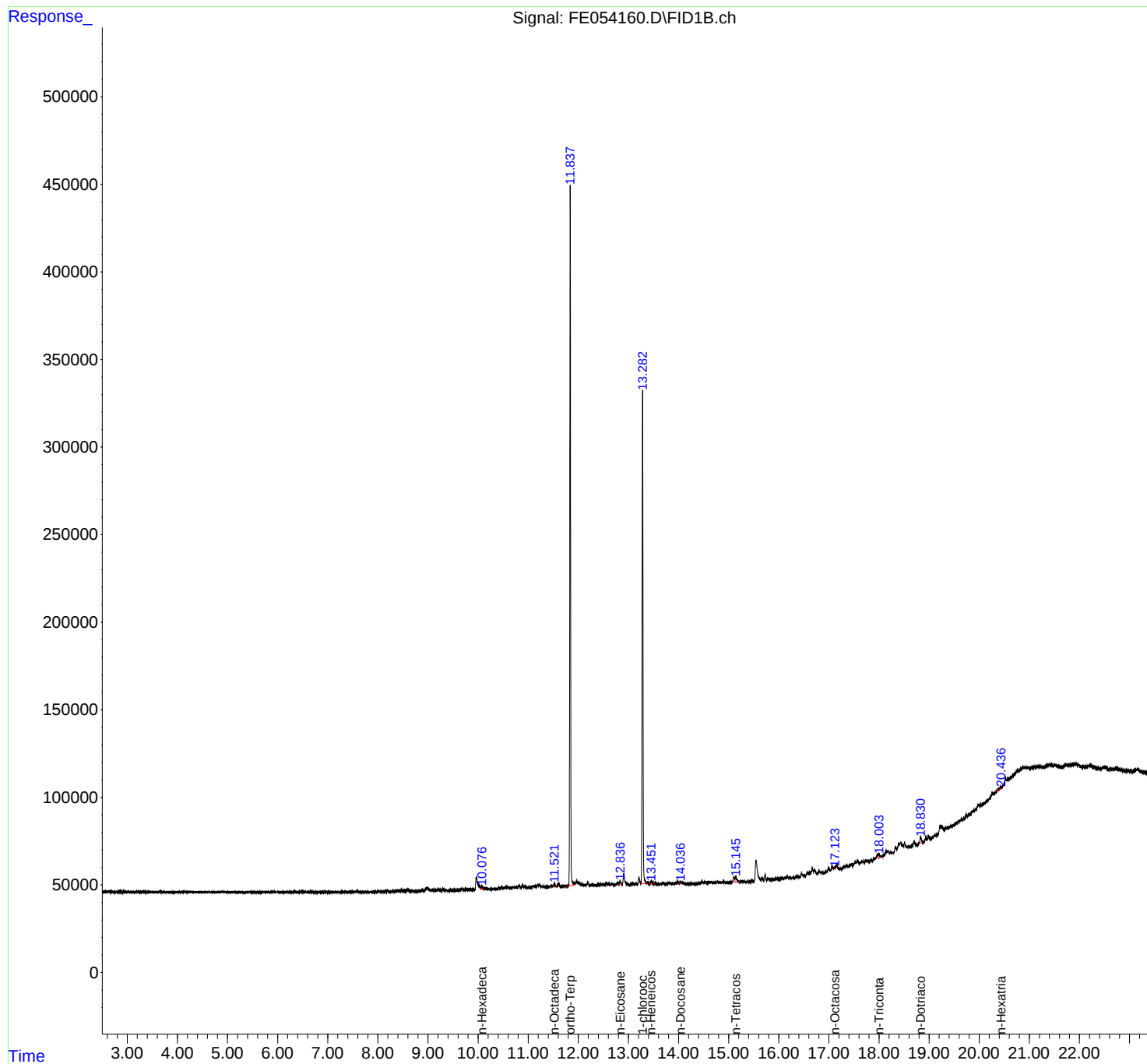
(m)=manual int.

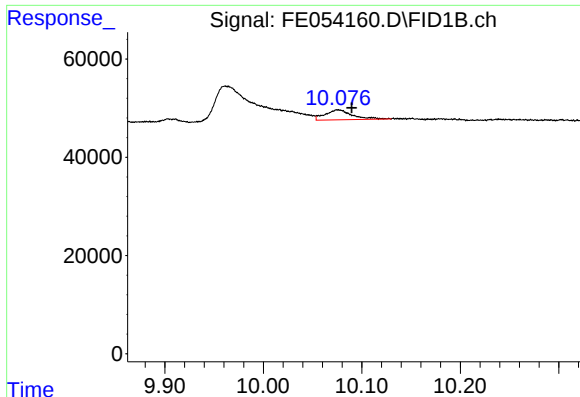
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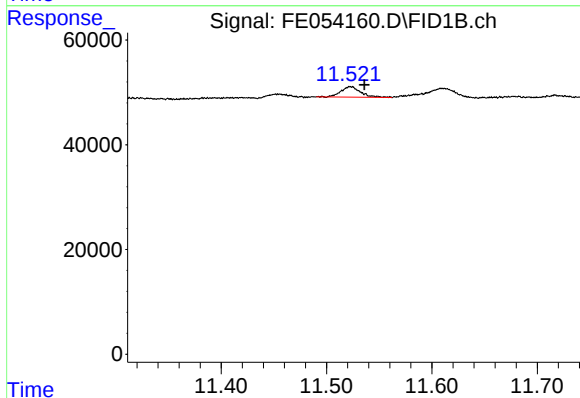




#7 n-Hexadecane (C16)

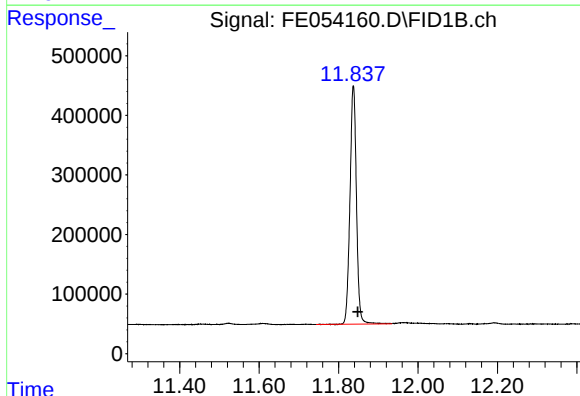
R.T.: 10.076 min
Delta R.T.: -0.014 min
Response: 38436
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
D1



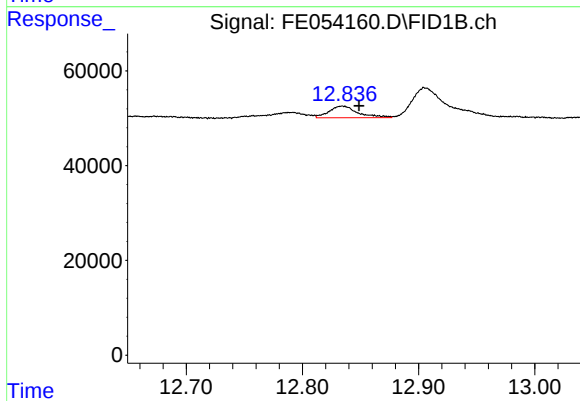
#8 n-Octadecane (C18)

R.T.: 11.523 min
Delta R.T.: -0.013 min
Response: 26133
Conc: 0.19 ug/ml



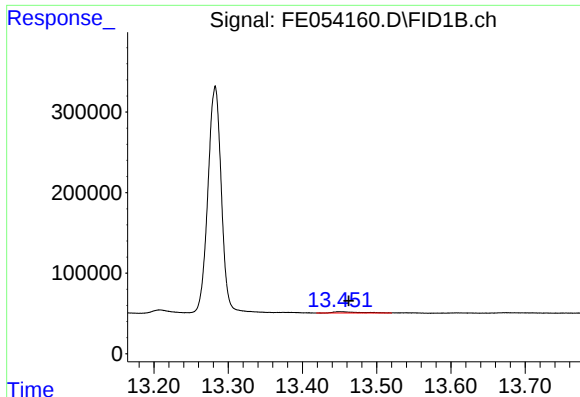
#9 ortho-Terphenyl (SURR)

R.T.: 11.837 min
Delta R.T.: -0.011 min
Response: 4540006
Conc: 27.94 ug/ml



#10 n-Eicosane (C20)

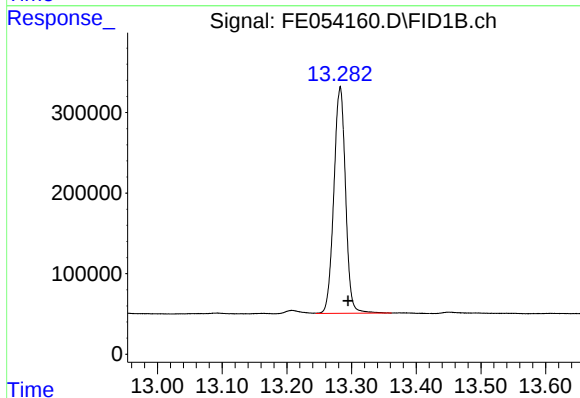
R.T.: 12.834 min
Delta R.T.: -0.014 min
Response: 42405
Conc: 0.32 ug/ml



#11 n-Heneicosane (C21)

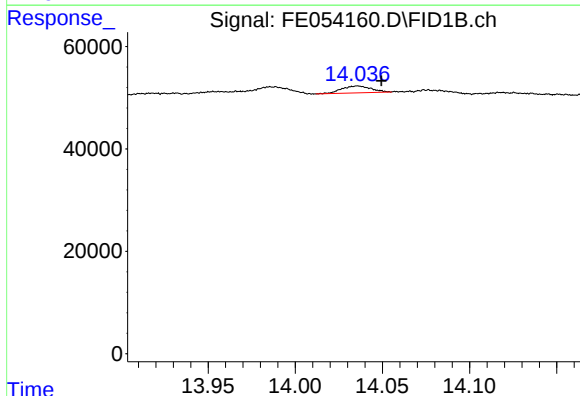
R.T.: 13.451 min
Delta R.T.: -0.011 min
Response: 36236
Conc: 0.28 ug/ml

Instrument :
FID_E
ClientSampleId :
D1



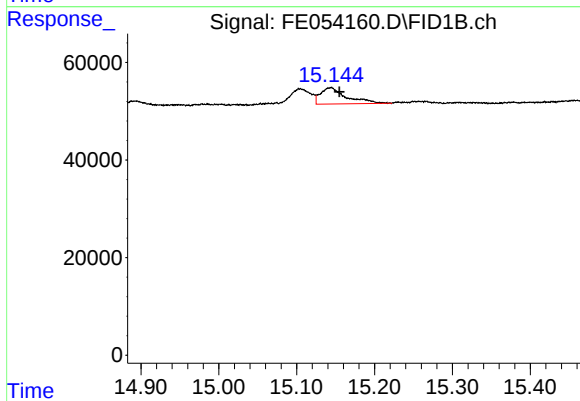
#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.012 min
Response: 3534176
Conc: 29.81 ug/ml



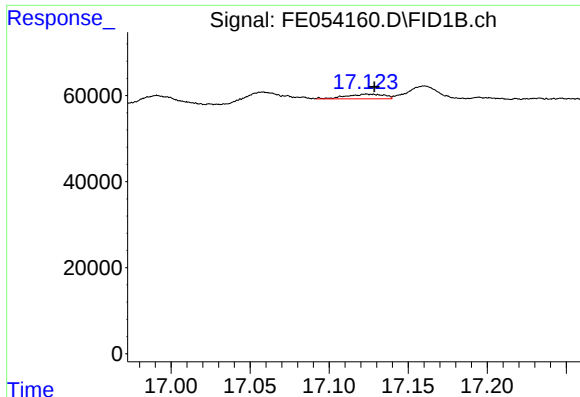
#13 n-Docosane (C22)

R.T.: 14.036 min
Delta R.T.: -0.014 min
Response: 15542
Conc: 0.12 ug/ml



#14 n-Tetracosane (C24)

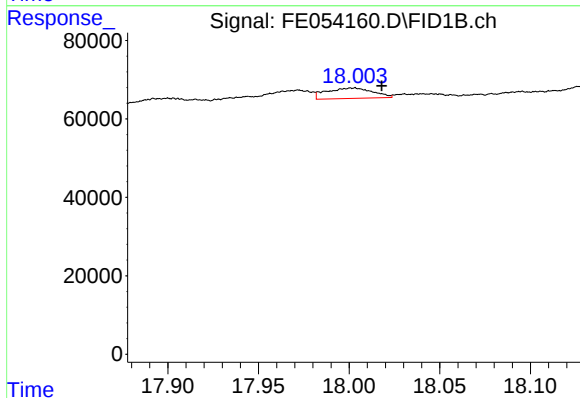
R.T.: 15.143 min
Delta R.T.: -0.011 min
Response: 76829
Conc: 0.61 ug/ml



#16 n-Octacosane (C28)

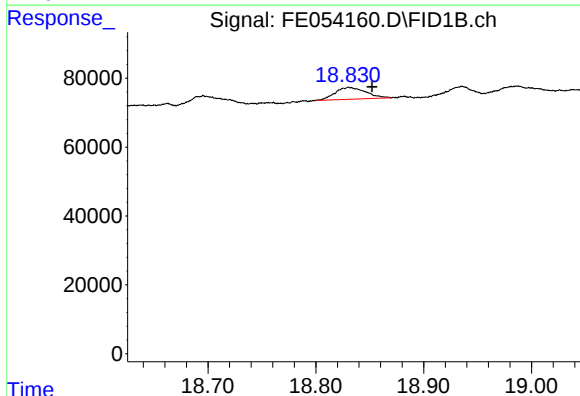
R.T.: 17.125 min
Delta R.T.: -0.004 min
Response: 18221
Conc: 0.15 ug/ml

Instrument :
FID_E
ClientSampleId :
D1



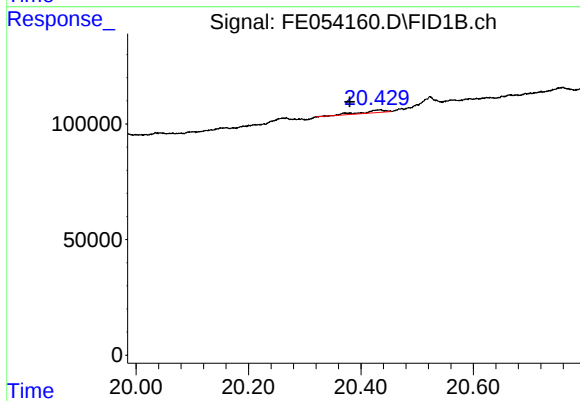
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.016 min
Response: 46857
Conc: 0.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.831 min
Delta R.T.: -0.021 min
Response: 67656
Conc: 0.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.433 min
Delta R.T.: 0.053 min
Response: 30597
Conc: 0.26 ug/ml