

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055286.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 10:49
 Operator : YP\AJ
 Sample : Q2823-02DL 2X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 14 01:20:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 13:47:09 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)	12.086	2819472	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.522	2415165	22.462 ug/ml
Spiked Amount 50.000		Recovery =	44.92%
Target Compounds			
10) T n-Eicosane (C20)	13.070	205138	1.635 ug/ml
13) T n-Docosane (C22)	14.320	153986	1.261 ug/ml
14) T n-Tetracosane (C24)	15.377	519220	4.269 ug/ml
15) T n-Hexacosane (C26)	16.407	52189	0.436 ug/ml
16) T n-Octacosane (C28)	17.360	127384	1.074 ug/ml
17) T n-Tricontane (C30)	18.250	380243	3.090 ug/ml
18) T n-Dotriacontane (C32)	19.085	379406	3.110 ug/ml
19) T n-Tetratriacontane (C34)	19.871	291872	2.496 ug/ml
20) T n-Hexatriacontane (C36)	20.612	280509	2.566 ug/ml
21) T n-Octatriacontane (C38)	21.392	197580	1.828 ug/ml

(f)=RT Delta > 1/2 Window

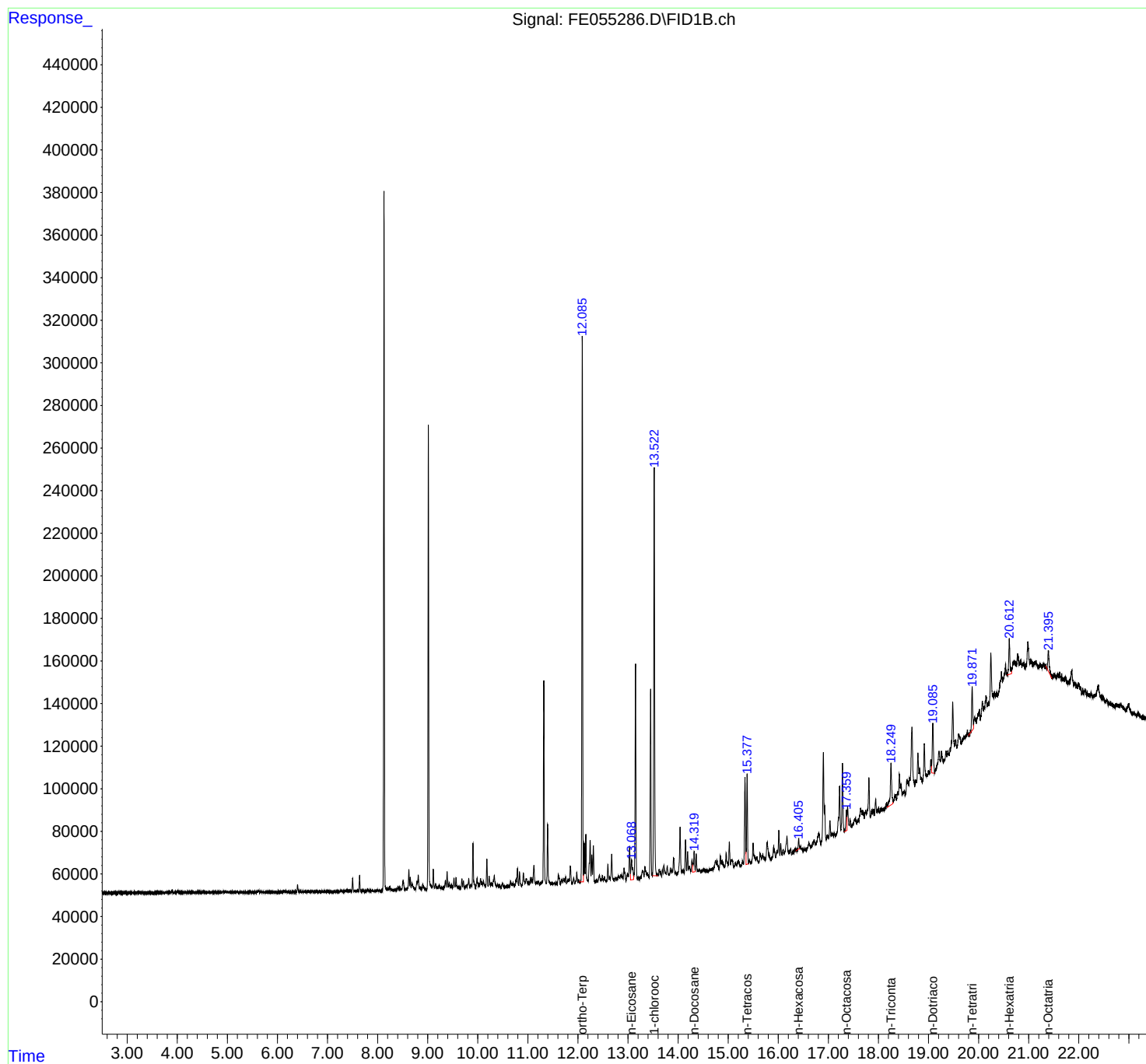
(m)=manual int.

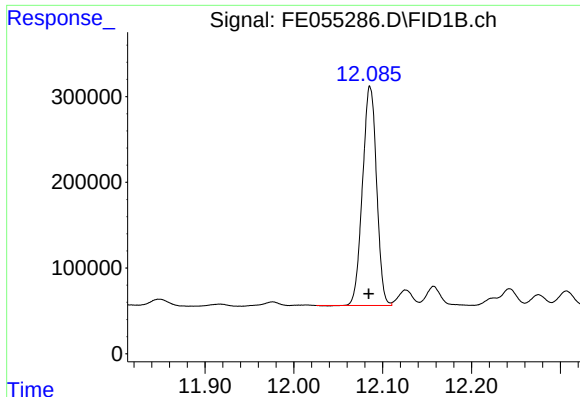
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Signal Info : 20M x 0.18mm x 0.18um

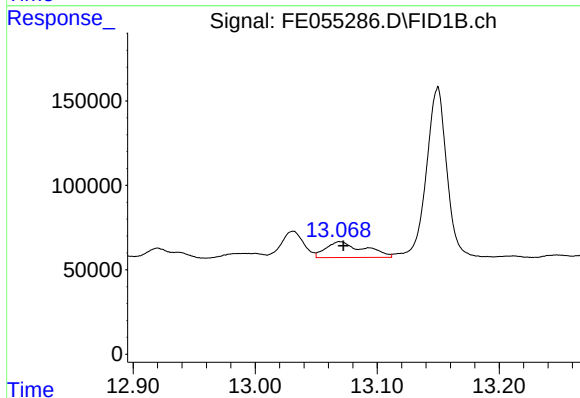




#9 ortho-Terphenyl (SURR)

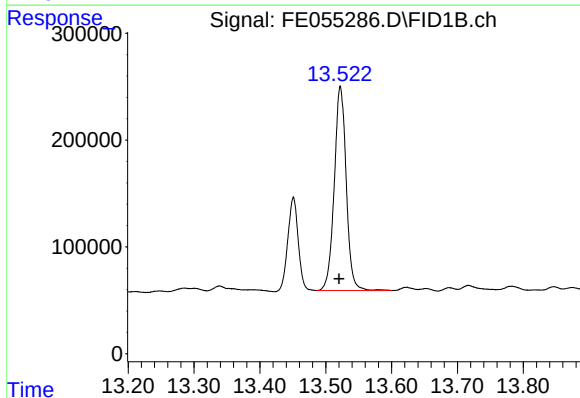
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 2819472
Conc: 19.74 ug/ml

Instrument :
FID_E
ClientSampleId :



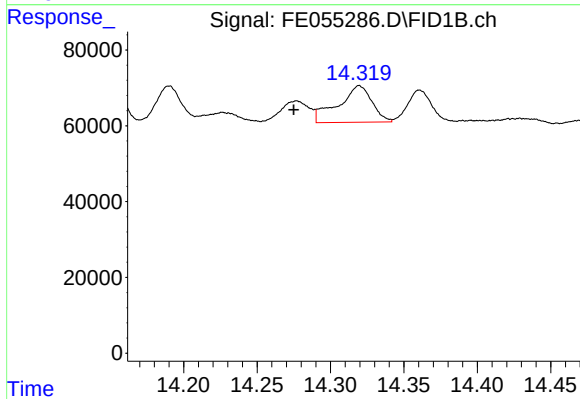
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: -0.003 min
Response: 205138
Conc: 1.63 ug/ml



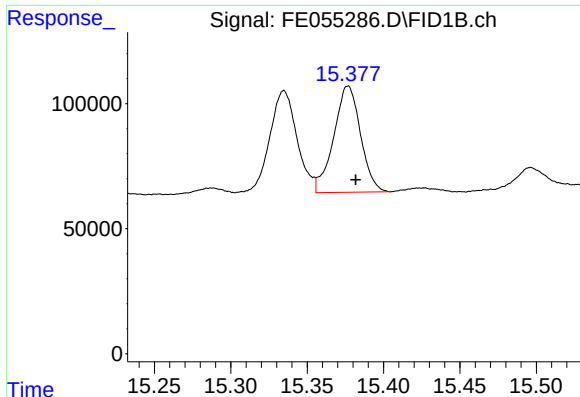
#12 1-chlorooctadecane (SURR)

R.T.: 13.522 min
Delta R.T.: 0.002 min
Response: 2415165
Conc: 22.46 ug/ml



#13 n-Docosane (C22)

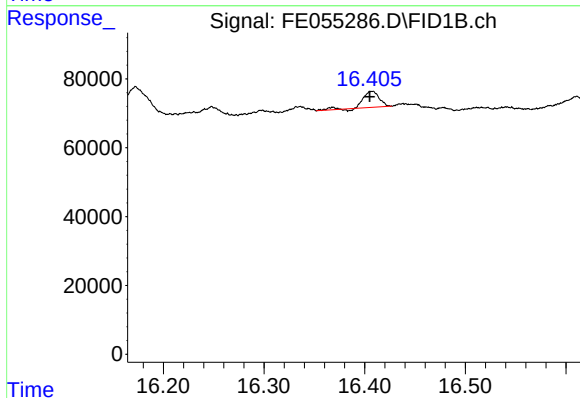
R.T.: 14.320 min
Delta R.T.: 0.045 min
Response: 153986
Conc: 1.26 ug/ml



#14 n-Tetracosane (C24)

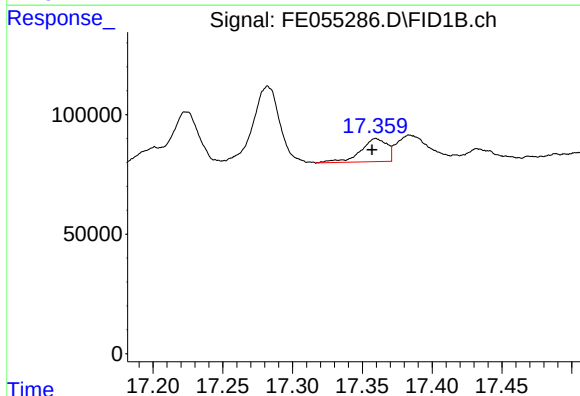
R.T.: 15.377 min
Delta R.T.: -0.005 min
Response: 519220
Conc: 4.27 ug/ml

Instrument :
FID_E
ClientSampleId :



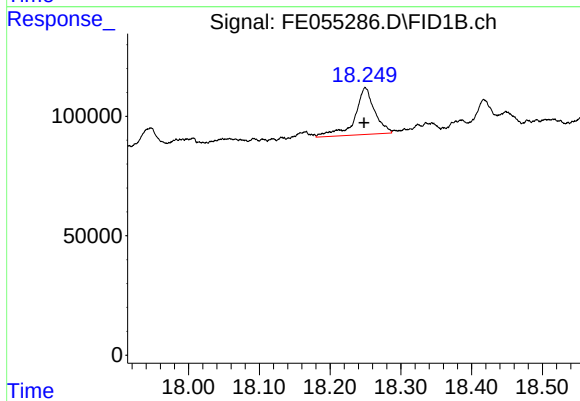
#15 n-Hexacosane (C26)

R.T.: 16.407 min
Delta R.T.: 0.002 min
Response: 52189
Conc: 0.44 ug/ml



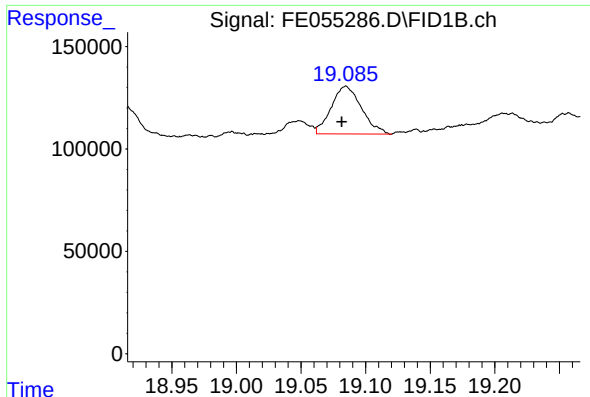
#16 n-Octacosane (C28)

R.T.: 17.360 min
Delta R.T.: 0.003 min
Response: 127384
Conc: 1.07 ug/ml



#17 n-Tricontane (C30)

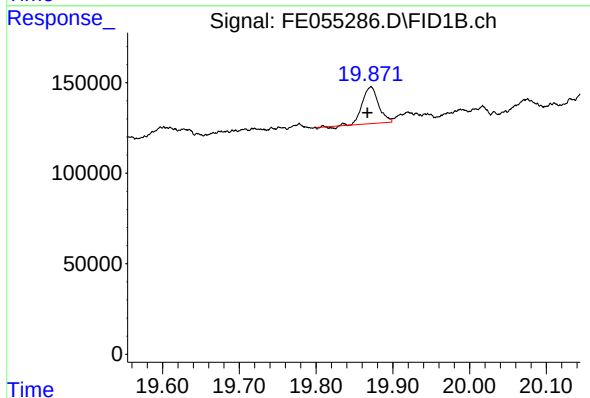
R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 380243
Conc: 3.09 ug/ml



#18 n-Dotriacontane (C32)

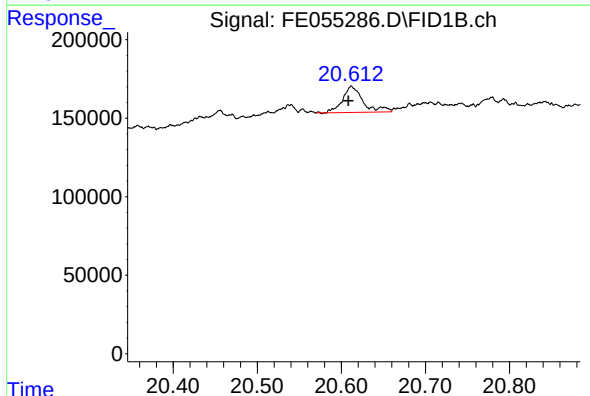
R.T.: 19.085 min
Delta R.T.: 0.003 min
Response: 379406
Conc: 3.11 ug/ml

Instrument :
FID_E
ClientSampleId :



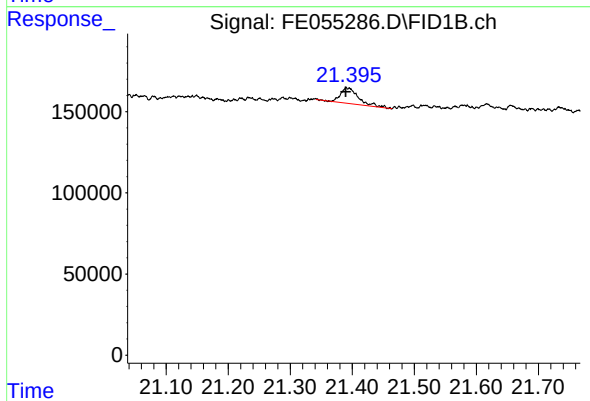
#19 n-Tetatriacontane (C34)

R.T.: 19.871 min
Delta R.T.: 0.004 min
Response: 291872
Conc: 2.50 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.612 min
Delta R.T.: 0.004 min
Response: 280509
Conc: 2.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.392 min
Delta R.T.: 0.003 min
Response: 197580
Conc: 1.83 ug/ml