

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
 Data File : FE055270.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2025 23:04
 Operator : YP\AJ
 Sample : Q2830-01
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 13 04:08:56 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)	12.090	8023506	56.186 ug/ml
Spiked Amount 50.000		Recovery =	112.37%
12) S 1-chlorooctadecane (S...	13.526	6300920	58.600 ug/ml
Spiked Amount 50.000		Recovery =	117.20%
Target Compounds			
6) T n-Tetradecane (C14)	8.693	39056	0.319 ug/ml
7) T n-Hexadecane (C16)	10.285	353297	2.763 ug/ml
8) T n-Octadecane (C18)	11.776	39286	0.301 ug/ml
10) T n-Eicosane (C20)	13.075	30632	0.244 ug/ml
11) T n-Heneicosane (C21)	13.692	38723	0.314 ug/ml
13) T n-Docosane (C22)	14.280	49081	0.402 ug/ml
14) T n-Tetracosane (C24)	15.380	74010	0.608 ug/ml
15) T n-Hexacosane (C26)	16.408	39447	0.330 ug/ml
16) T n-Octacosane (C28)	17.361	104774	0.883 ug/ml
17) T n-Tricontane (C30)	18.251	192280	1.563 ug/ml
18) T n-Dotriacontane (C32)	19.083	329253	2.699 ug/ml
19) T n-Tetratriacontane (C34)	19.869	98951	0.846 ug/ml
20) T n-Hexatriacontane (C36)	20.608	54158	0.496 ug/ml
22) T n-Tetracontane (C40)	22.326f	93546	0.895 ug/ml

(f)=RT Delta > 1/2 Window

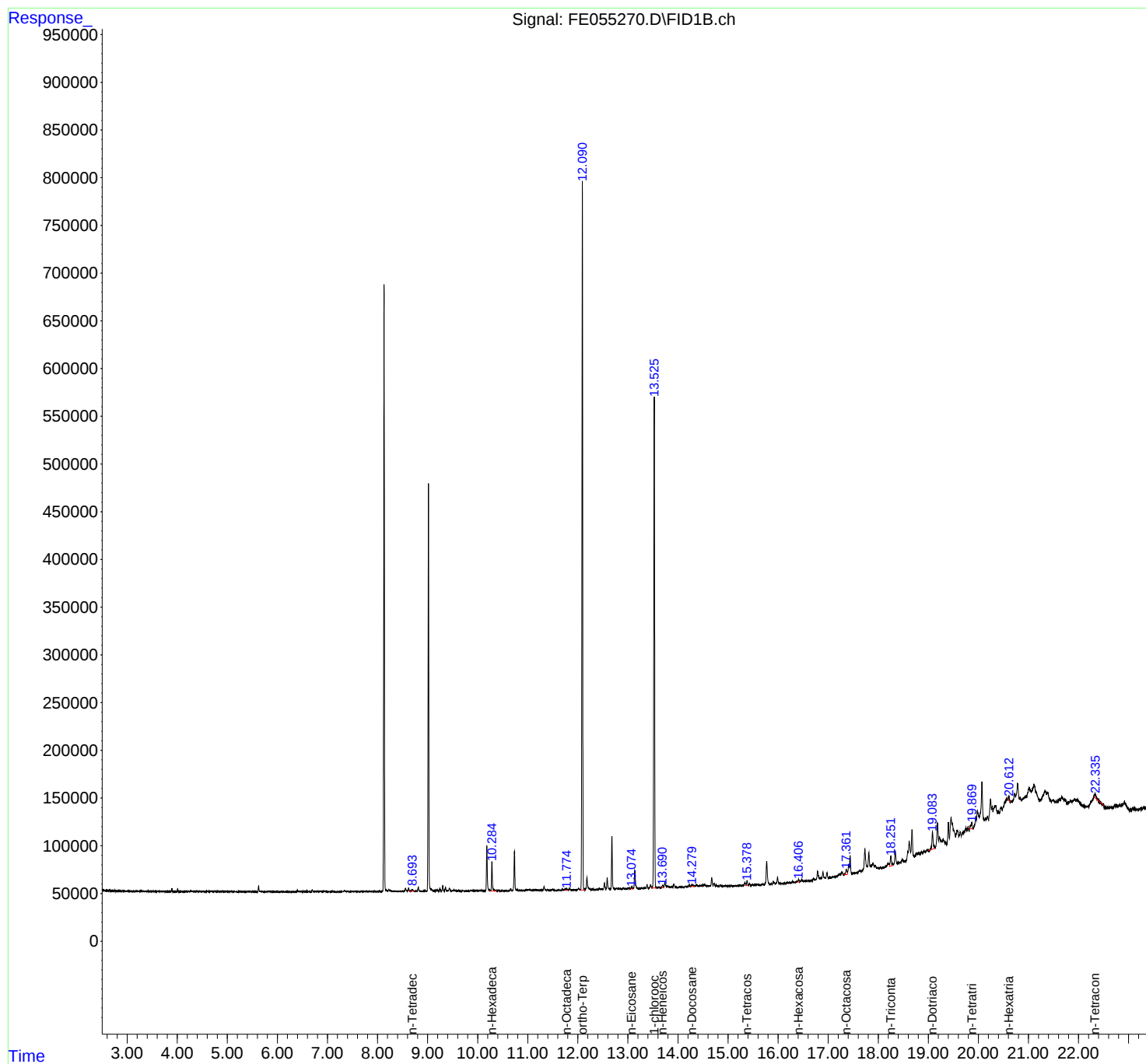
(m)=manual int.

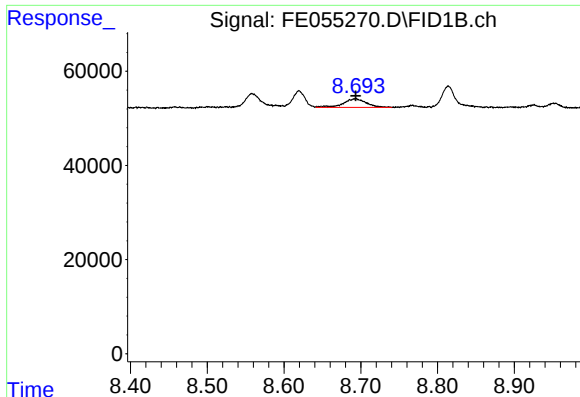
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081225AL\
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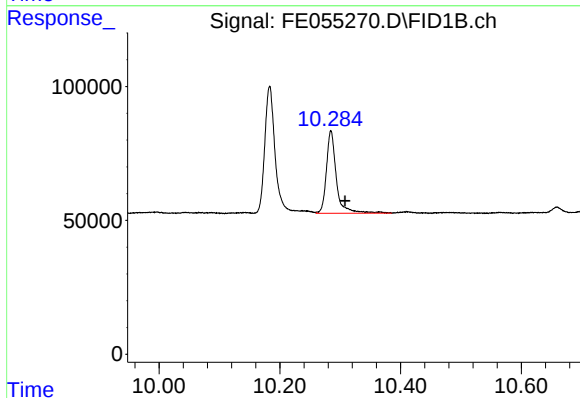




#6 n-Tetradecane (C14)

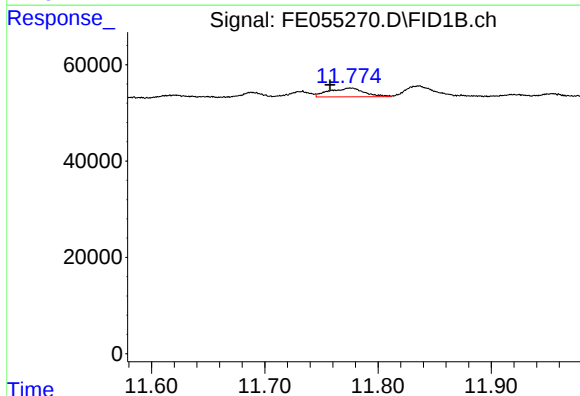
R.T.: 8.693 min
Delta R.T.: 0.000 min
Response: 39056
Conc: 0.32 ug/ml

Instrument :
FID_C
ClientSampleId :



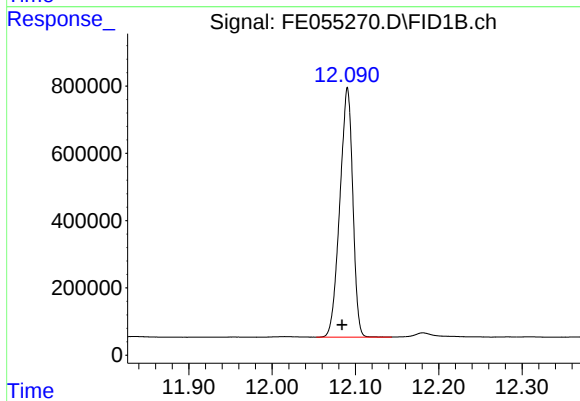
#7 n-Hexadecane (C16)

R.T.: 10.285 min
Delta R.T.: -0.024 min
Response: 353297
Conc: 2.76 ug/ml



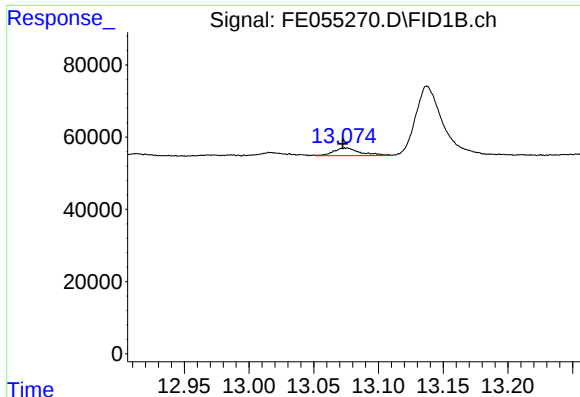
#8 n-Octadecane (C18)

R.T.: 11.776 min
Delta R.T.: 0.018 min
Response: 39286
Conc: 0.30 ug/ml



#9 ortho-Terphenyl (SURR)

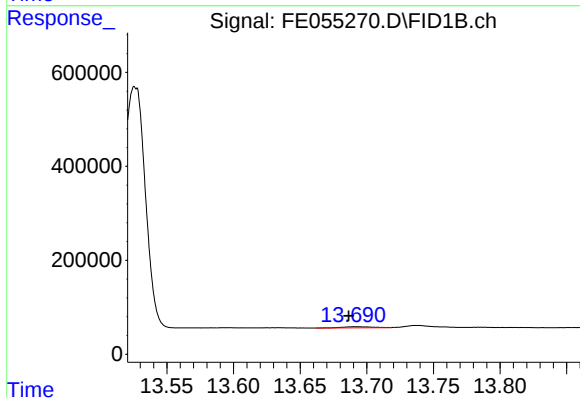
R.T.: 12.090 min
Delta R.T.: 0.006 min
Response: 8023506
Conc: 56.19 ug/ml



#10 n-Eicosane (C20)

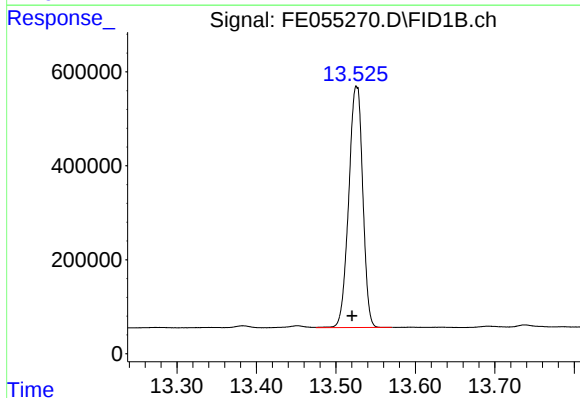
R.T.: 13.075 min
Delta R.T.: 0.002 min
Response: 30632
Conc: 0.24 ug/ml

Instrument :
FID_C
ClientSampleId :



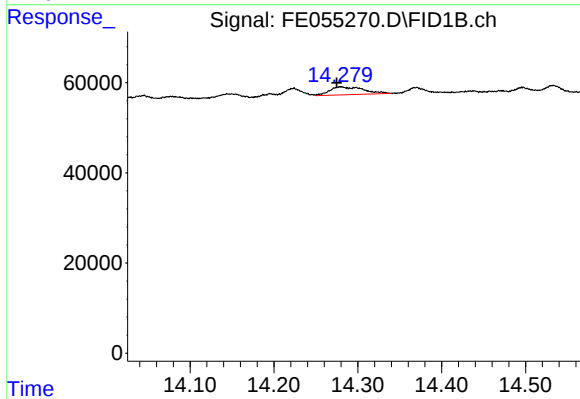
#11 n-Heneicosane (C21)

R.T.: 13.692 min
Delta R.T.: 0.006 min
Response: 38723
Conc: 0.31 ug/ml



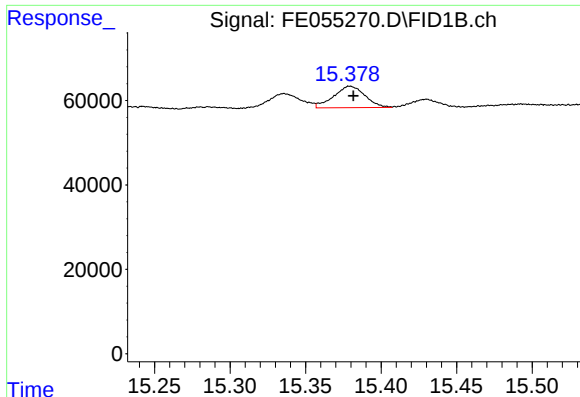
#12 1-chlorooctadecane (SURR)

R.T.: 13.526 min
Delta R.T.: 0.006 min
Response: 6300920
Conc: 58.60 ug/ml



#13 n-Docosane (C22)

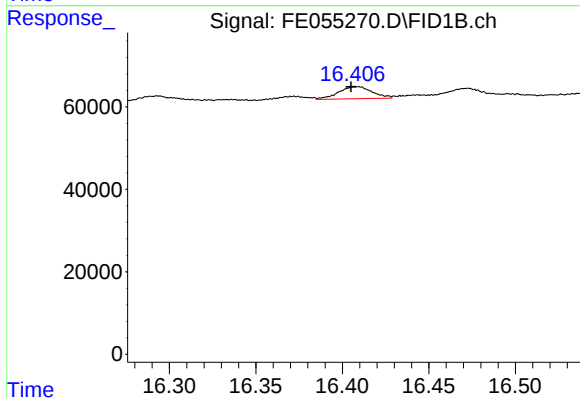
R.T.: 14.280 min
Delta R.T.: 0.005 min
Response: 49081
Conc: 0.40 ug/ml



#14 n-Tetracosane (C24)

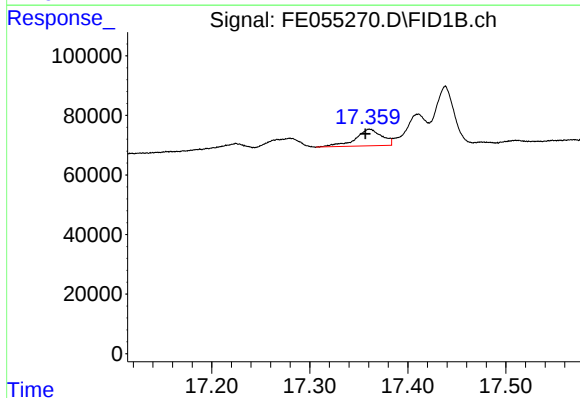
R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 74010
Conc: 0.61 ug/ml

Instrument :
FID_C
ClientSampleId :



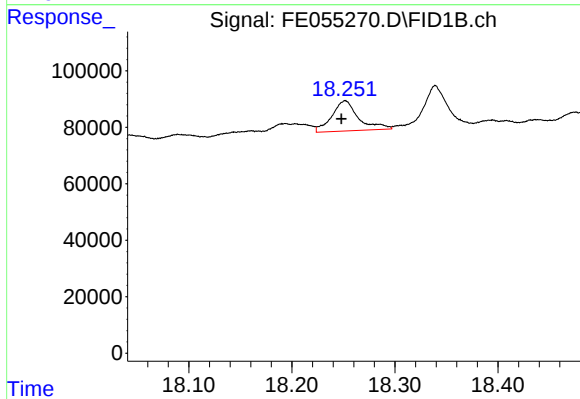
#15 n-Hexacosane (C26)

R.T.: 16.408 min
Delta R.T.: 0.003 min
Response: 39447
Conc: 0.33 ug/ml



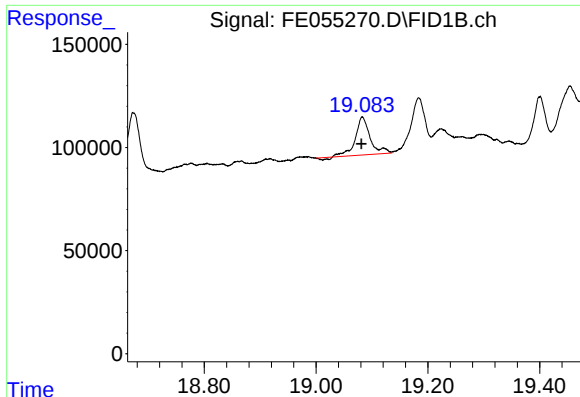
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 104774
Conc: 0.88 ug/ml



#17 n-Tricontane (C30)

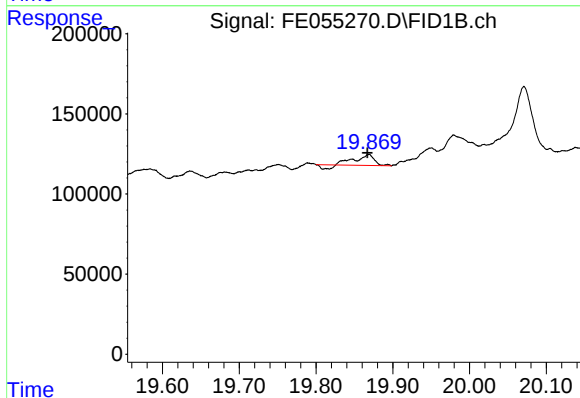
R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 192280
Conc: 1.56 ug/ml



#18 n-Dotriacontane (C32)

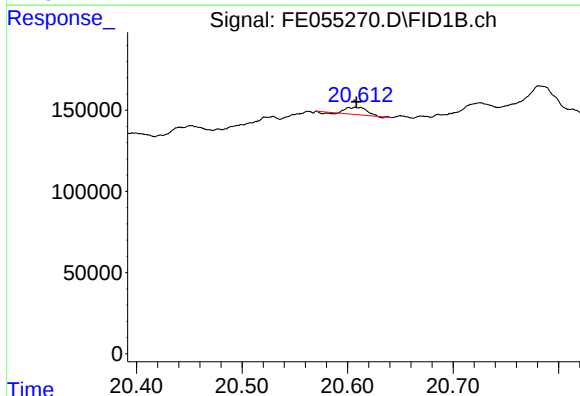
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 329253
Conc: 2.70 ug/ml

Instrument :
FID_C
ClientSampleId :



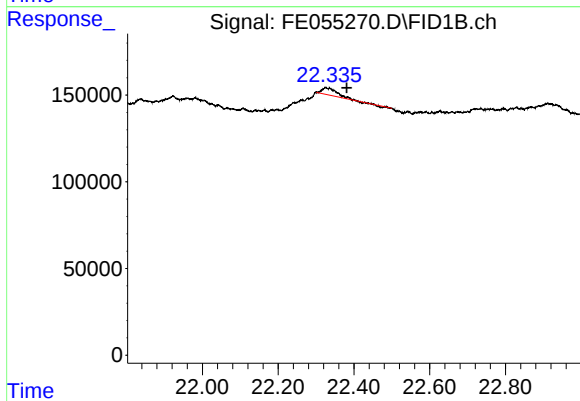
#19 n-Tetratriacontane (C34)

R.T.: 19.869 min
Delta R.T.: 0.002 min
Response: 98951
Conc: 0.85 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.608 min
Delta R.T.: 0.000 min
Response: 54158
Conc: 0.50 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.326 min
Delta R.T.: -0.055 min
Response: 93546
Conc: 0.89 ug/ml