

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055715.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 12:44
 Operator : YP\AJ
 Sample : Q3027-01DL 5X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 09 01:13:35 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 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)	12.082	1118687	6.809 ug/ml
Spiked Amount 50.000		Recovery =	13.62%
12) S 1-chlorooctadecane (S...	13.519	900576	7.202 ug/ml
Spiked Amount 50.000		Recovery =	14.40%
Target Compounds			
8) T n-Octadecane (C18)	11.754	120151	0.824 ug/ml
10) T n-Eicosane (C20)	13.070	103114	0.716 ug/ml
13) T n-Docosane (C22)	14.274	71503	0.500 ug/ml
14) T n-Tetracosane (C24)	15.380	226176	1.563 ug/ml
15) T n-Hexacosane (C26)	16.405	160566	1.124 ug/ml
16) T n-Octacosane (C28)	17.359	220584	1.551 ug/ml
17) T n-Tricontane (C30)	18.250	619171	4.189 ug/ml
18) T n-Dotriacontane (C32)	19.085	422087	2.876 ug/ml
19) T n-Tetratriacontane (C34)	19.870	371811	2.632 ug/ml
20) T n-Hexatriacontane (C36)	20.614	305762	2.317 ug/ml
22) T n-Tetracontane (C40)	22.379	435075	3.393 ug/ml

(f)=RT Delta > 1/2 Window

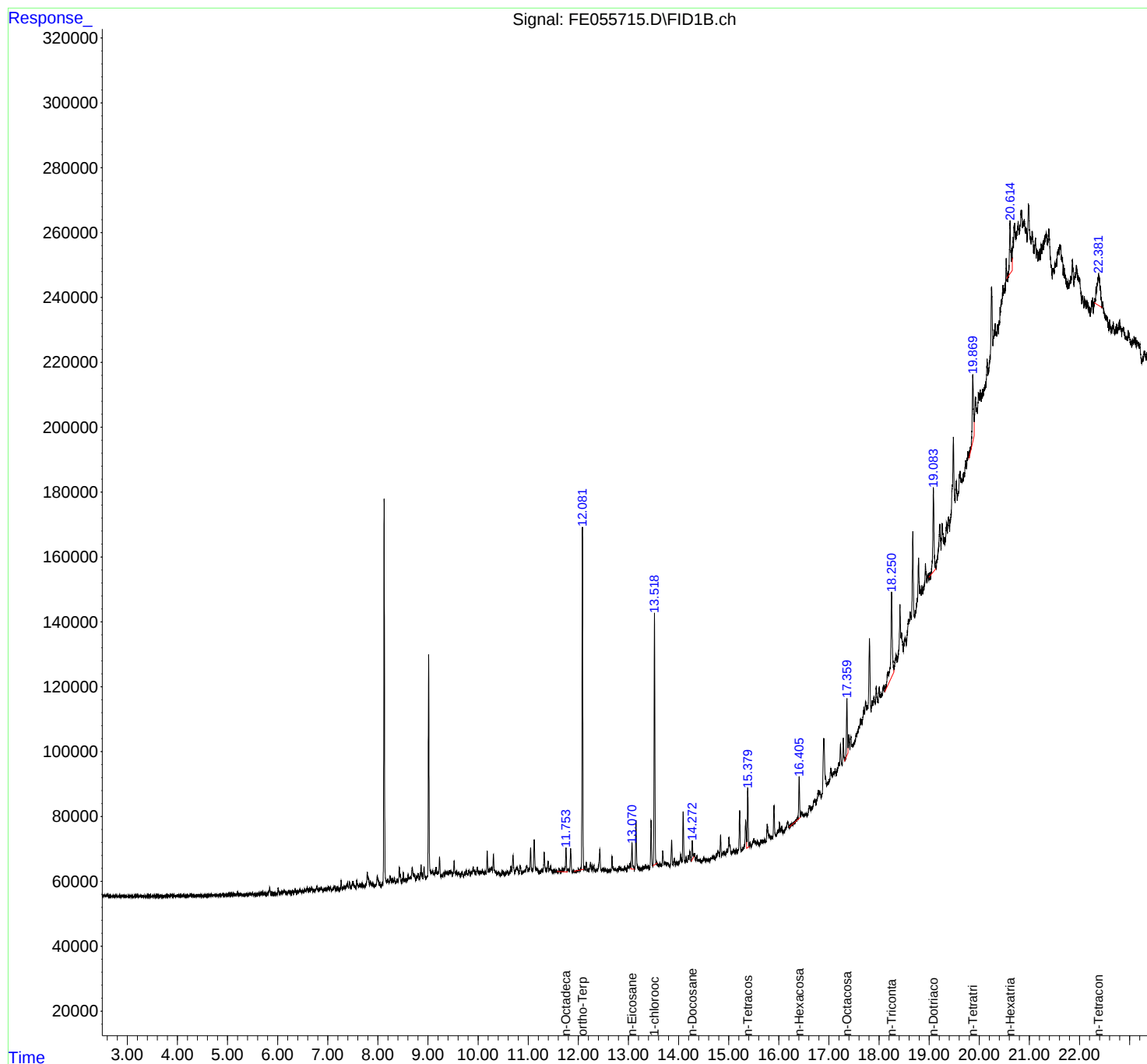
(m)=manual int.

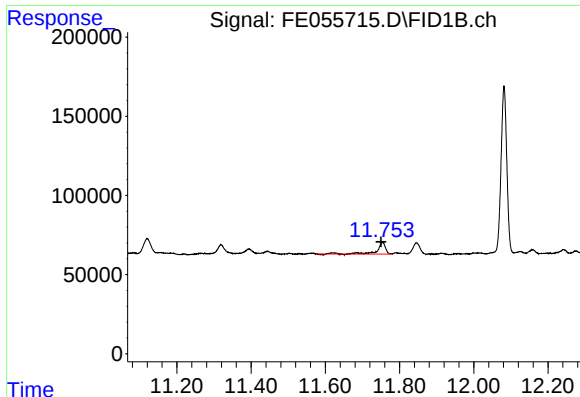
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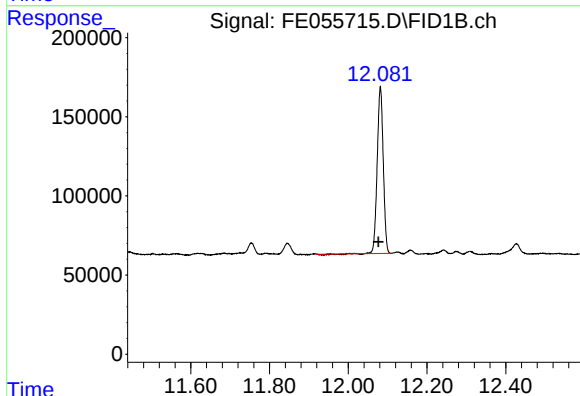




#8 n-Octadecane (C18)

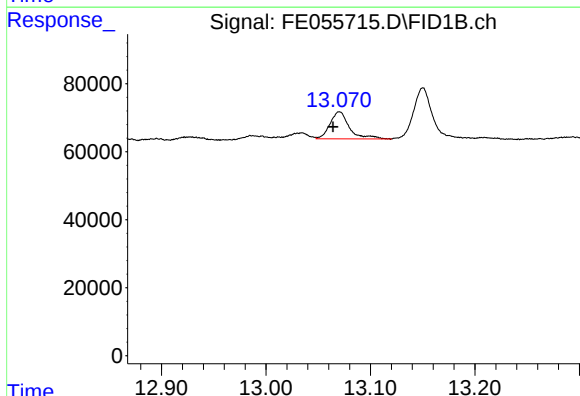
R.T.: 11.754 min
Delta R.T.: 0.004 min
Response: 120151
Conc: 0.82 ug/ml

Instrument :
FID_E
ClientSampleId :



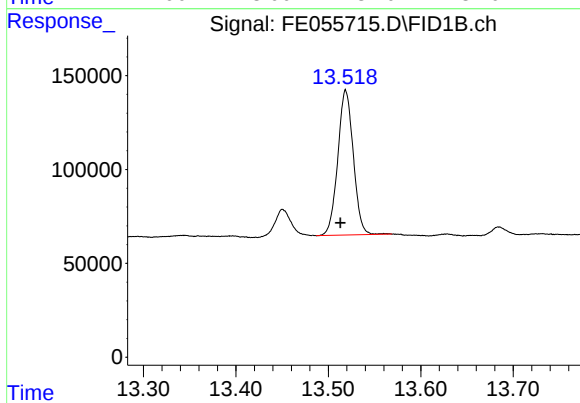
#9 ortho-Terphenyl (SURR)

R.T.: 12.082 min
Delta R.T.: 0.005 min
Response: 1118687
Conc: 6.81 ug/ml



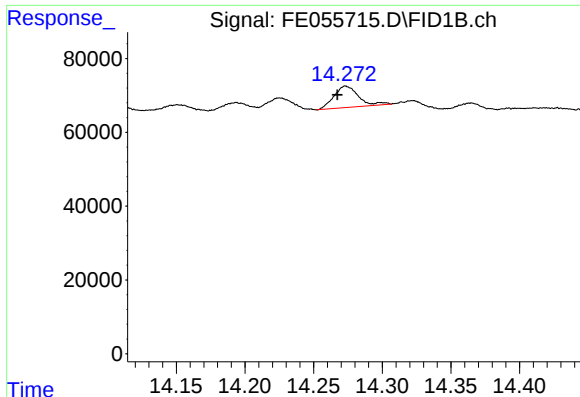
#10 n-Eicosane (C20)

R.T.: 13.070 min
Delta R.T.: 0.006 min
Response: 103114
Conc: 0.72 ug/ml



#12 1-chlorooctadecane (SURR)

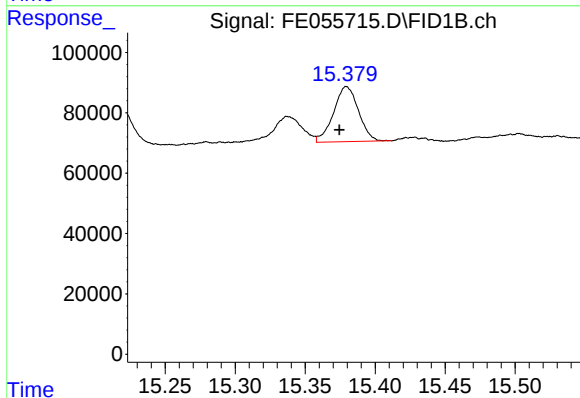
R.T.: 13.519 min
Delta R.T.: 0.006 min
Response: 900576
Conc: 7.20 ug/ml



#13 n-Docosane (C22)

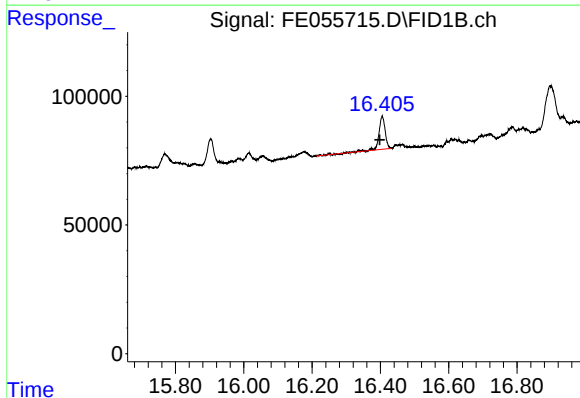
R.T.: 14.274 min
Delta R.T.: 0.006 min
Response: 71503
Conc: 0.50 ug/ml

Instrument :
FID_E
ClientSampleId :



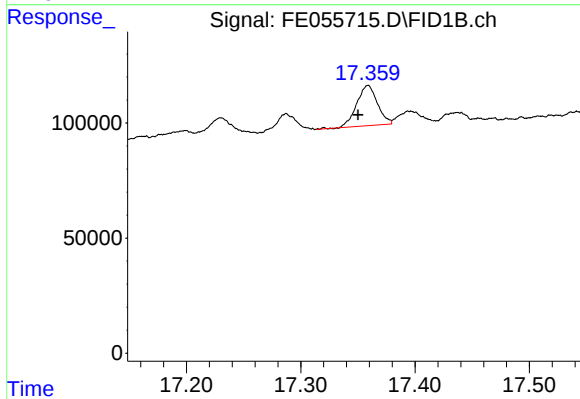
#14 n-Tetracosane (C24)

R.T.: 15.380 min
Delta R.T.: 0.005 min
Response: 226176
Conc: 1.56 ug/ml



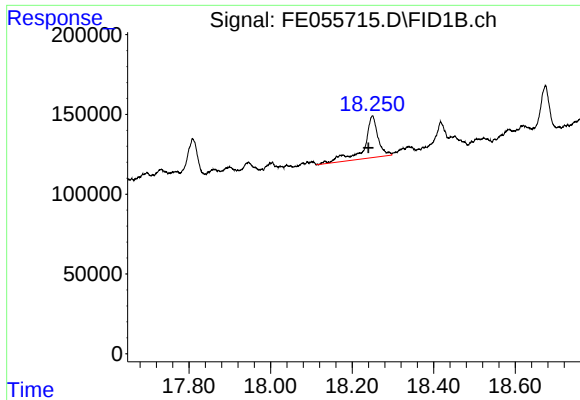
#15 n-Hexacosane (C26)

R.T.: 16.405 min
Delta R.T.: 0.007 min
Response: 160566
Conc: 1.12 ug/ml



#16 n-Octacosane (C28)

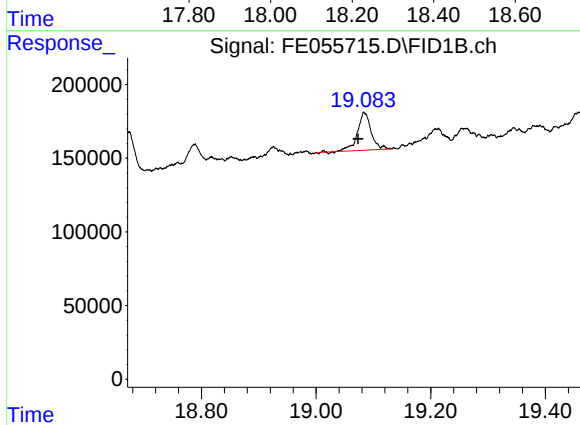
R.T.: 17.359 min
Delta R.T.: 0.008 min
Response: 220584
Conc: 1.55 ug/ml



#17 n-Tricontane (C30)

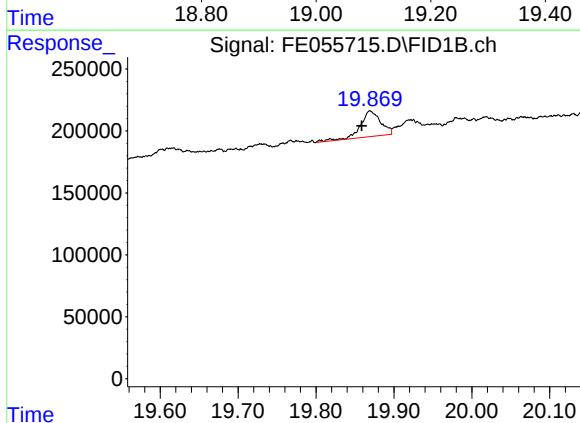
R.T.: 18.250 min
Delta R.T.: 0.010 min
Response: 619171
Conc: 4.19 ug/ml

Instrument :
FID_E
ClientSampleId :



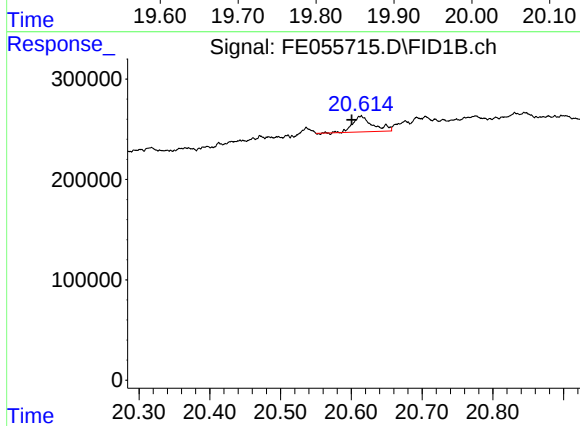
#18 n-Dotriacontane (C32)

R.T.: 19.085 min
Delta R.T.: 0.011 min
Response: 422087
Conc: 2.88 ug/ml



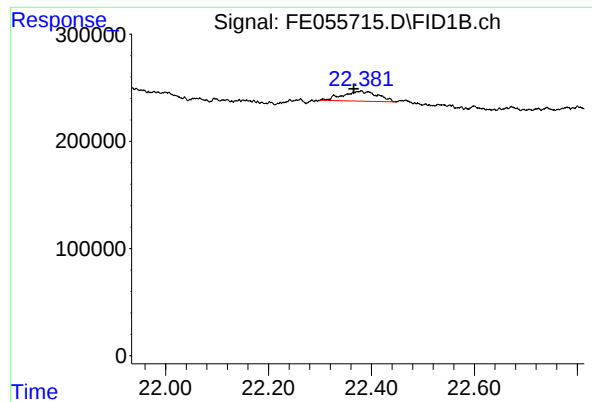
#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.011 min
Response: 371811
Conc: 2.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.614 min
Delta R.T.: 0.013 min
Response: 305762
Conc: 2.32 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.379 min
Delta R.T.: 0.013 min
Response: 435075
Conc: 3.39 ug/ml

Instrument :

FID_E

ClientSampleId :