

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055287.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 11:20
 Operator : YP\AJ
 Sample : Q2827-01DL 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 14 01:20:54 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	2484418	17.397 ug/ml
Spiked Amount 50.000		Recovery =	34.79%
12) S 1-chlorooctadecane (S...	13.523	1899961	17.670 ug/ml
Spiked Amount 50.000		Recovery =	35.34%
Target Compounds			
5) T A~2-methylnaphthalene...	7.500	156894	1.203 ug/ml
6) T n-Tetradecane (C14)	8.652	316257	2.579 ug/ml
7) T n-Hexadecane (C16)	10.315	331242	2.591 ug/ml
8) T n-Octadecane (C18)	11.713	150389	1.153 ug/ml
10) T n-Eicosane (C20)	13.072	197382	1.573 ug/ml
14) T n-Tetracosane (C24)	15.380	229847	1.890 ug/ml
15) T n-Hexacosane (C26)	16.406	225998	1.889 ug/ml
16) T n-Octacosane (C28)	17.361	538639	4.541 ug/ml
17) T n-Tricontane (C30)	18.251	488490	3.970 ug/ml
18) T n-Dotriacontane (C32)	19.085	470212	3.854 ug/ml
19) T n-Tetratriacontane (C34)	19.870	121095	1.036 ug/ml
20) T n-Hexatriacontane (C36)	20.613	171735	1.571 ug/ml

(f)=RT Delta > 1/2 Window

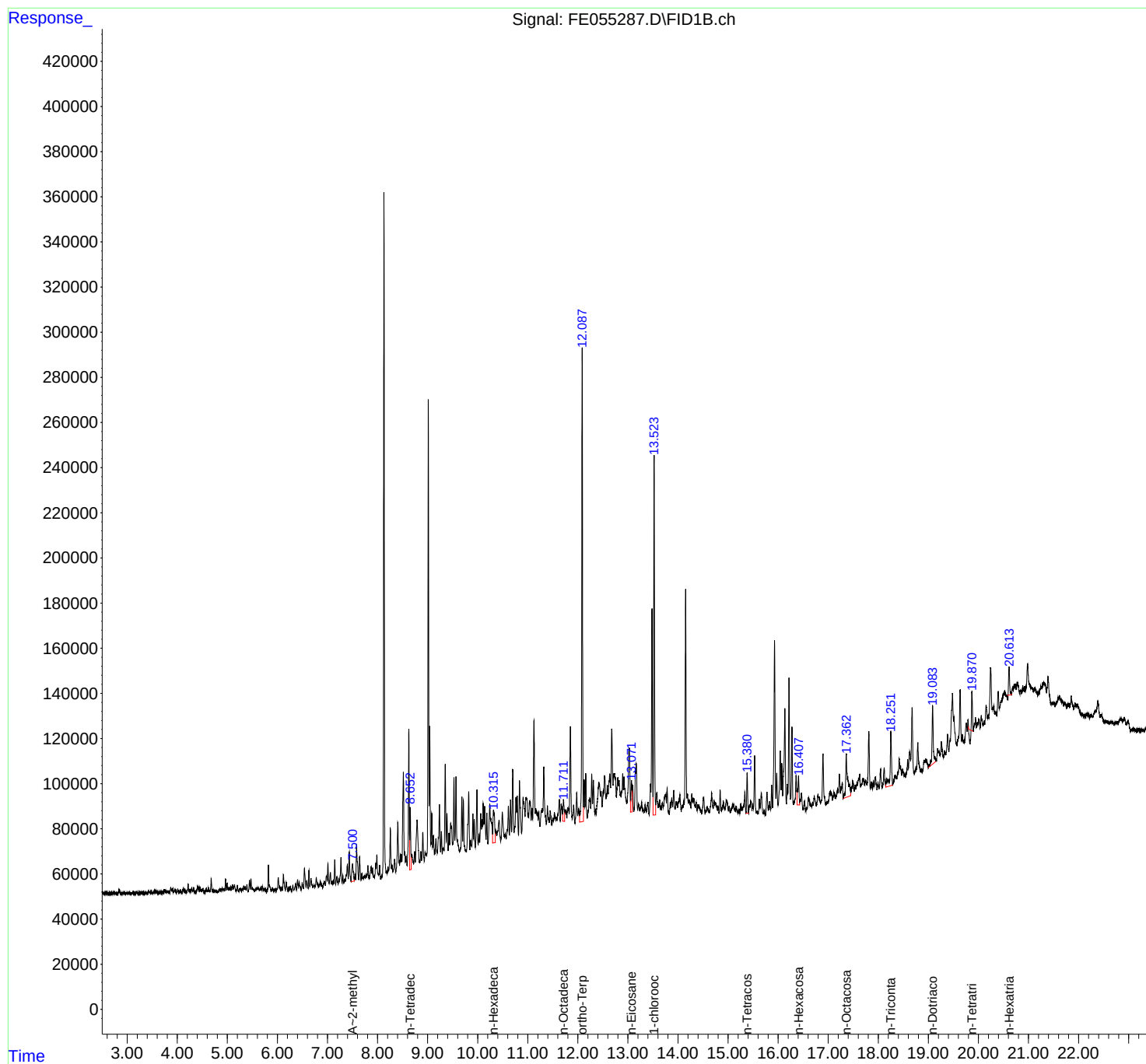
(m)=manual int.

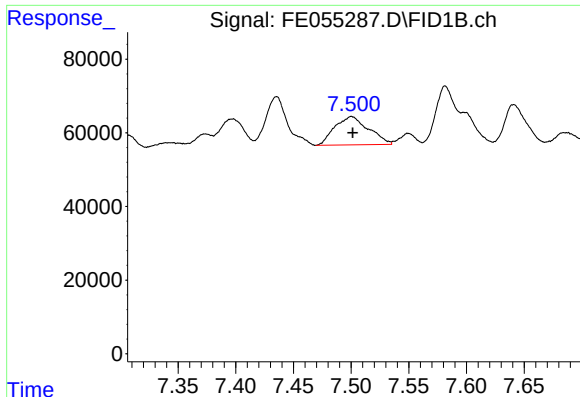
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Signal Info : 20M x 0.18mm x 0.18um

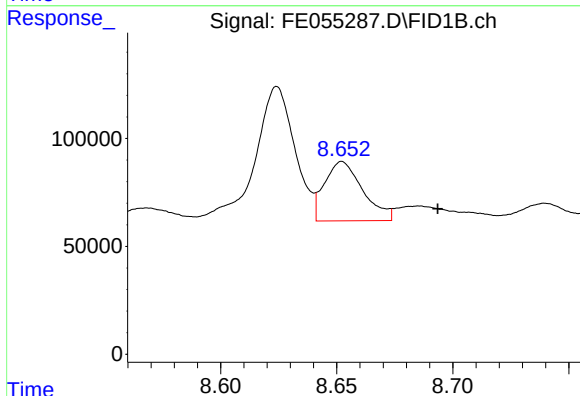




#5 A~2-methylnaphthalene (C12.89)

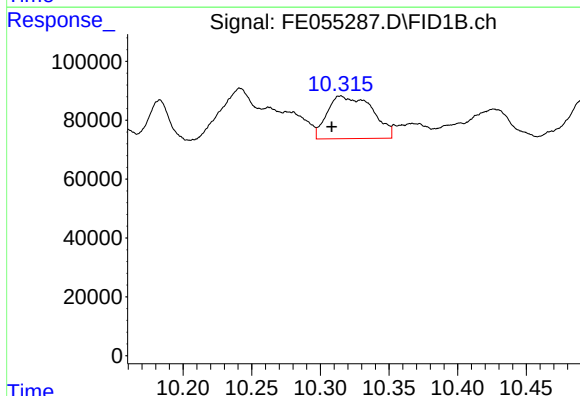
R.T.: 7.500 min
Delta R.T.: -0.001 min
Response: 156894
Conc: 1.20 ug/ml

Instrument :
FID_E
ClientSampleId :



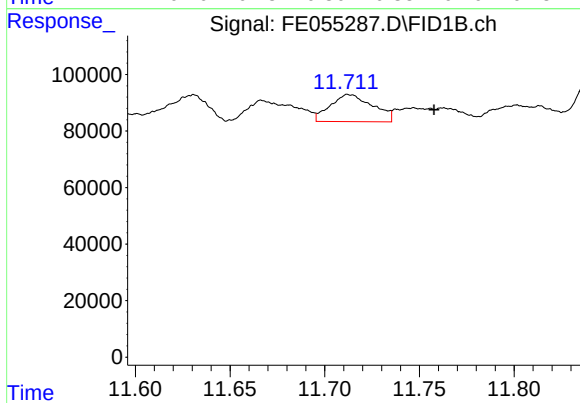
#6 n-Tetradecane (C14)

R.T.: 8.652 min
Delta R.T.: -0.041 min
Response: 316257
Conc: 2.58 ug/ml



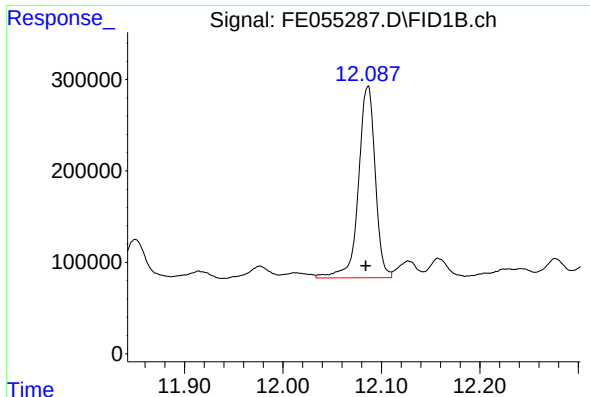
#7 n-Hexadecane (C16)

R.T.: 10.315 min
Delta R.T.: 0.007 min
Response: 331242
Conc: 2.59 ug/ml



#8 n-Octadecane (C18)

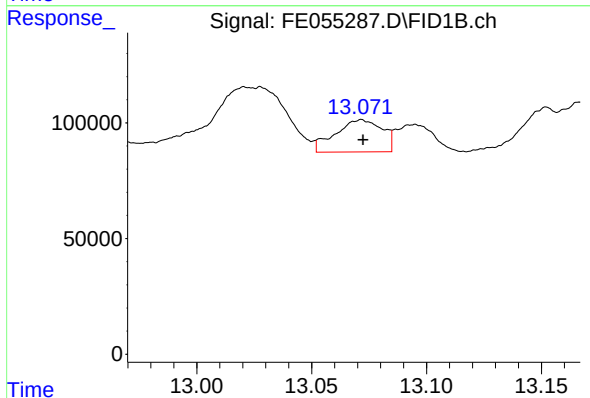
R.T.: 11.713 min
Delta R.T.: -0.045 min
Response: 150389
Conc: 1.15 ug/ml



#9 ortho-Terphenyl (SURR)

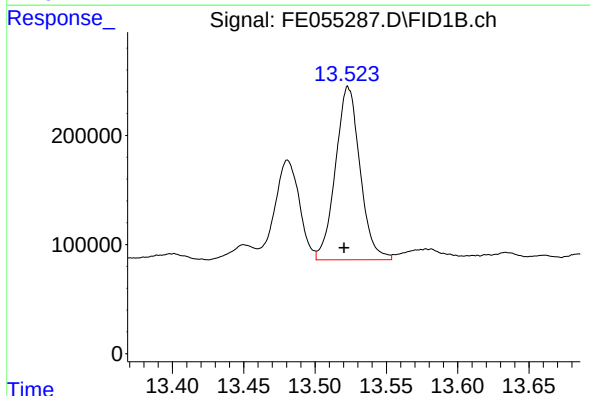
R.T.: 12.086 min
Delta R.T.: 0.002 min
Response: 2484418
Conc: 17.40 ug/ml

Instrument :
FID_E
ClientSampleId :



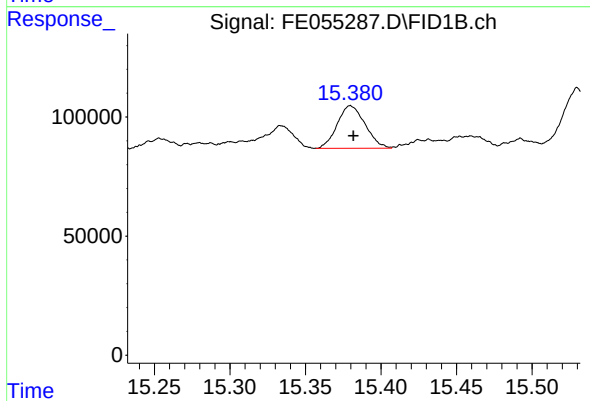
#10 n-Eicosane (C20)

R.T.: 13.072 min
Delta R.T.: 0.000 min
Response: 197382
Conc: 1.57 ug/ml



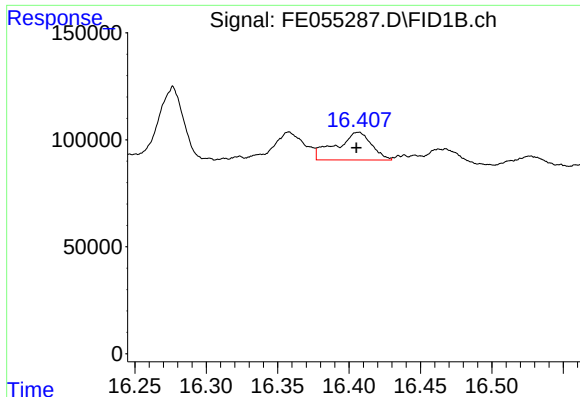
#12 1-chlorooctadecane (SURR)

R.T.: 13.523 min
Delta R.T.: 0.003 min
Response: 1899961
Conc: 17.67 ug/ml



#14 n-Tetracosane (C24)

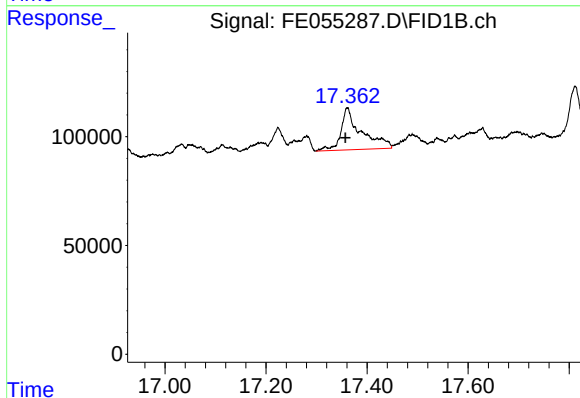
R.T.: 15.380 min
Delta R.T.: -0.002 min
Response: 229847
Conc: 1.89 ug/ml



#15 n-Hexacosane (C26)

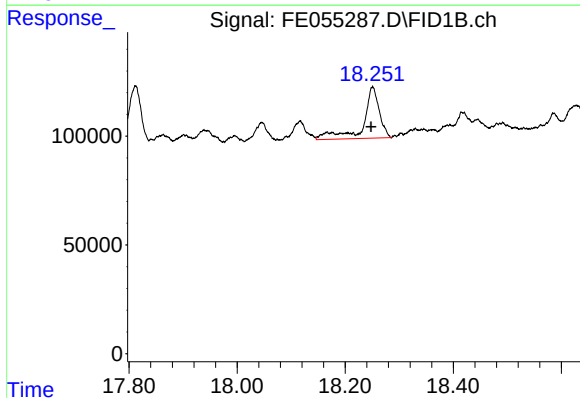
R.T.: 16.406 min
Delta R.T.: 0.001 min
Response: 225998
Conc: 1.89 ug/ml

Instrument :
FID_E
ClientSampleId :



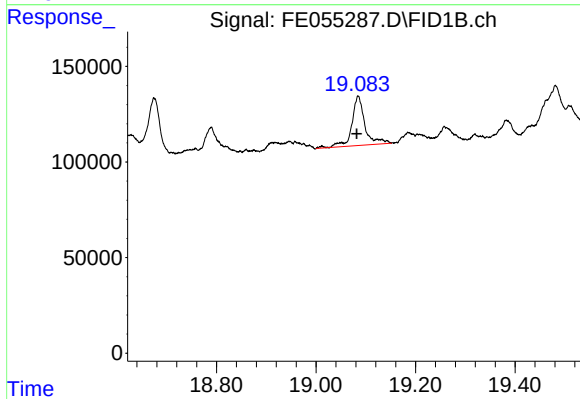
#16 n-Octacosane (C28)

R.T.: 17.361 min
Delta R.T.: 0.004 min
Response: 538639
Conc: 4.54 ug/ml



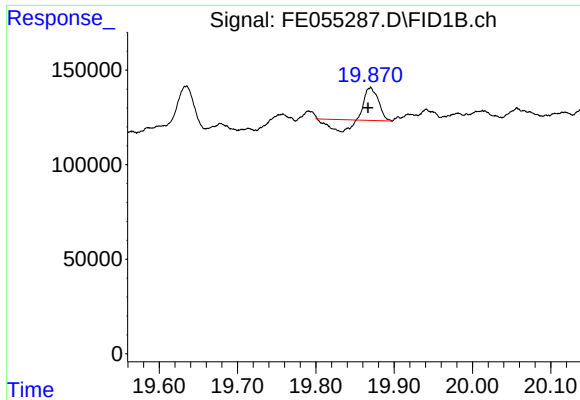
#17 n-Tricontane (C30)

R.T.: 18.251 min
Delta R.T.: 0.003 min
Response: 488490
Conc: 3.97 ug/ml



#18 n-Dotriacontane (C32)

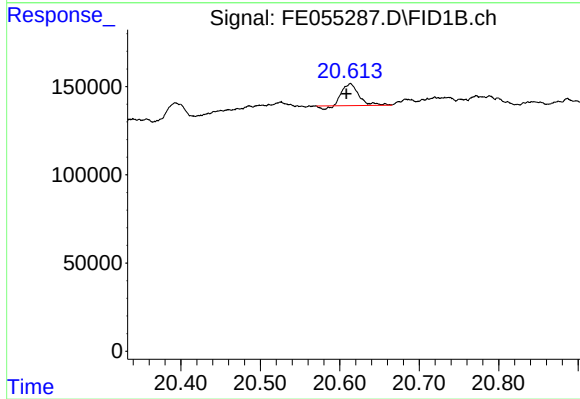
R.T.: 19.085 min
Delta R.T.: 0.003 min
Response: 470212
Conc: 3.85 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.870 min
Delta R.T.: 0.003 min
Response: 121095
Conc: 1.04 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.613 min
Delta R.T.: 0.004 min
Response: 171735
Conc: 1.57 ug/ml