

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081325AL\
 Data File : FE055288.D
 Signal(s) : FID1B.ch
 Acq On : 13 Aug 2025 11:50
 Operator : YP\AJ
 Sample : Q2827-05DL 20X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 14 01:21:12 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)	12.084	469175	3.285 ug/ml
Spiked Amount 50.000		Recovery =	6.57%
12) S 1-chlorooctadecane (S...	13.521	274509	2.553 ug/ml
Spiked Amount 50.000		Recovery =	5.11%
Target Compounds			
3) T A~Naphthalene (C11.7)	6.434	153989	1.147 ug/ml
4) T n-Dodecane (C12)	6.872	209094	1.756 ug/ml
5) T A~2-methylnaphthalene...	7.507	336492	2.581 ug/ml
6) T n-Tetradecane (C14)	8.684	238321	1.944 ug/ml
7) T n-Hexadecane (C16)	10.329	344652	2.696 ug/ml
8) T n-Octadecane (C18)	11.713	166589	1.277 ug/ml
10) T n-Eicosane (C20)	13.069	213376	1.701 ug/ml
14) T n-Tetracosane (C24)	15.376	125766	1.034 ug/ml
17) T n-Tricontane (C30)	18.250	198211	1.611 ug/ml
18) T n-Dotriacontane (C32)	19.083	307991	2.524 ug/ml
19) T n-Tetratriacontane (C34)	19.868	243329	2.081 ug/ml
20) T n-Hexatriacontane (C36)	20.610	177640	1.625 ug/ml

(f)=RT Delta > 1/2 Window

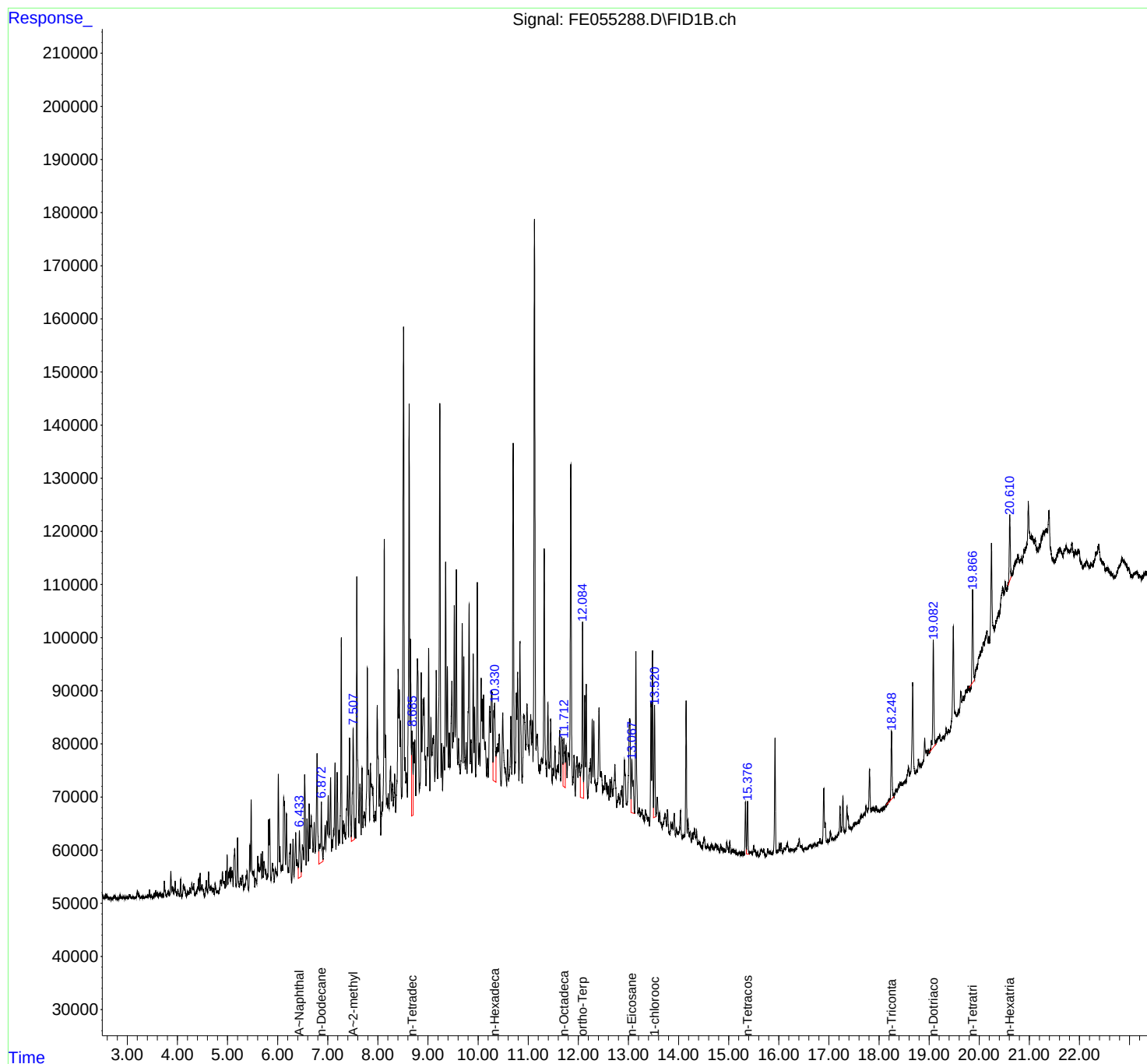
(m)=manual int.

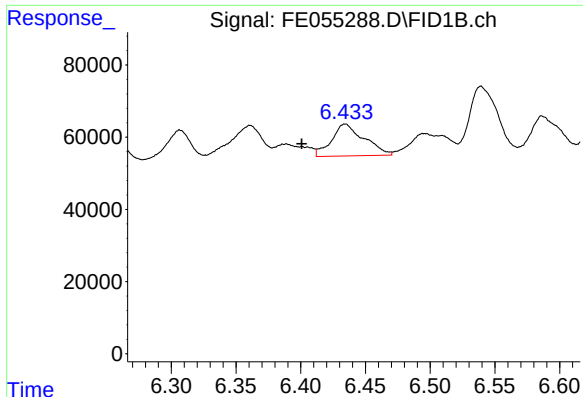
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Signal Info : 20M x 0.18mm x 0.18um

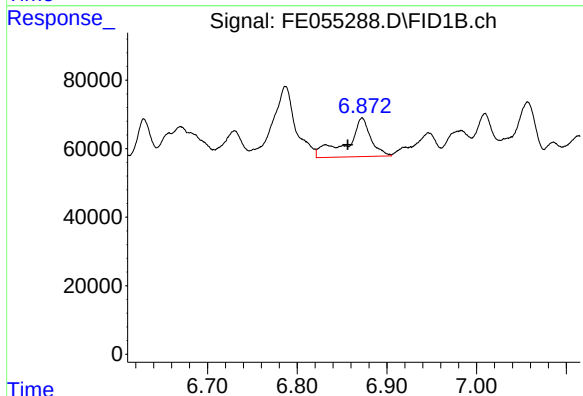




#3 A~Naphthalene (C11.7)

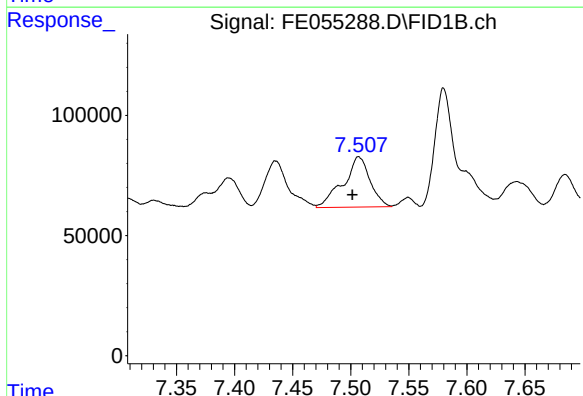
R.T.: 6.434 min
Delta R.T.: 0.034 min
Response: 153989
Conc: 1.15 ug/ml

Instrument :
FID_E
ClientSampleId :



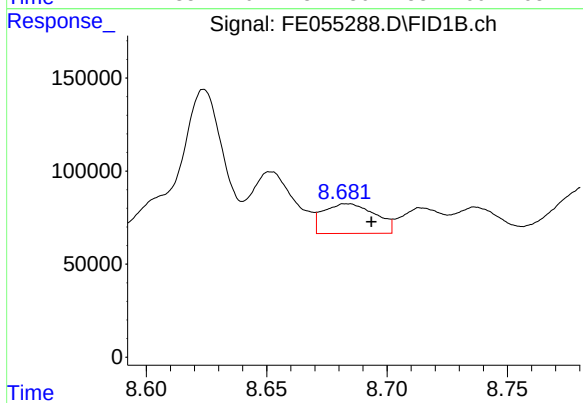
#4 n-Dodecane (C12)

R.T.: 6.872 min
Delta R.T.: 0.016 min
Response: 209094
Conc: 1.76 ug/ml



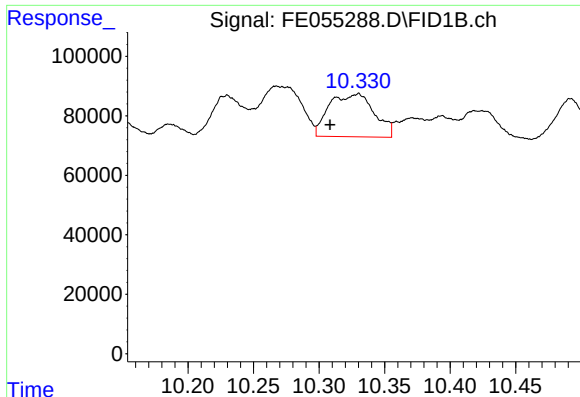
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.507 min
Delta R.T.: 0.006 min
Response: 336492
Conc: 2.58 ug/ml



#6 n-Tetradecane (C14)

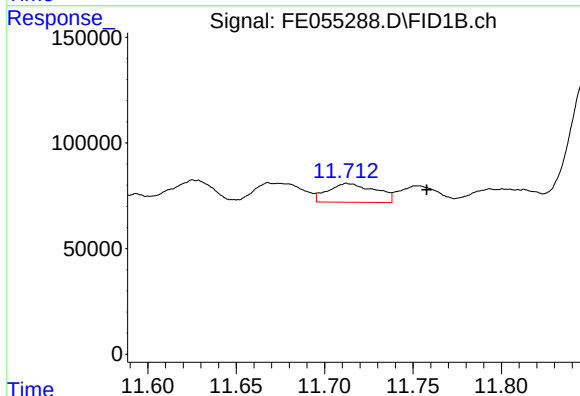
R.T.: 8.684 min
Delta R.T.: -0.010 min
Response: 238321
Conc: 1.94 ug/ml



#7 n-Hexadecane (C16)

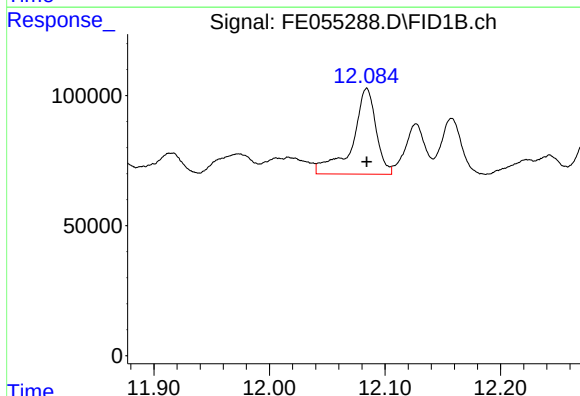
R.T.: 10.329 min
Delta R.T.: 0.021 min
Response: 344652
Conc: 2.70 ug/ml

Instrument :
FID_E
ClientSampleId :



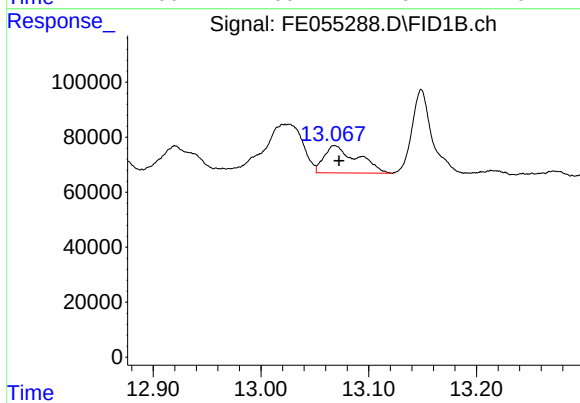
#8 n-Octadecane (C18)

R.T.: 11.713 min
Delta R.T.: -0.044 min
Response: 166589
Conc: 1.28 ug/ml



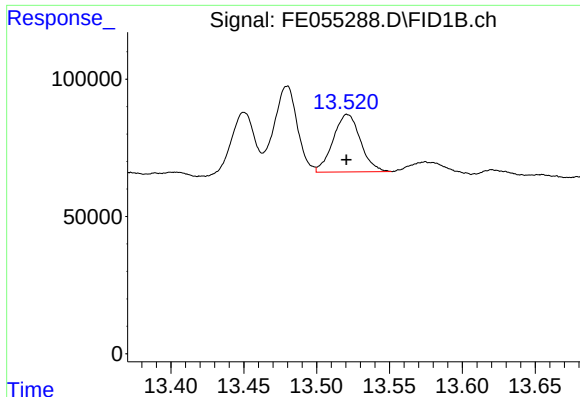
#9 ortho-Terphenyl (SURR)

R.T.: 12.084 min
Delta R.T.: 0.000 min
Response: 469175
Conc: 3.29 ug/ml



#10 n-Eicosane (C20)

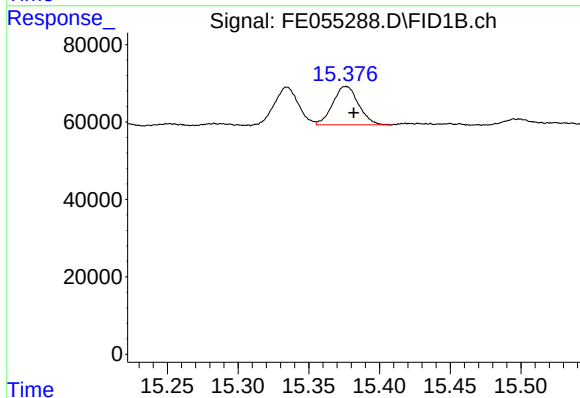
R.T.: 13.069 min
Delta R.T.: -0.004 min
Response: 213376
Conc: 1.70 ug/ml



#12 1-chlorooctadecane (SURR)

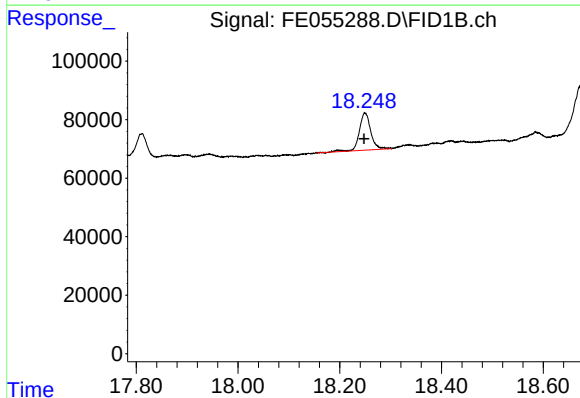
R.T.: 13.521 min
Delta R.T.: 0.000 min
Response: 274509
Conc: 2.55 ug/ml

Instrument :
FID_E
ClientSampleId :



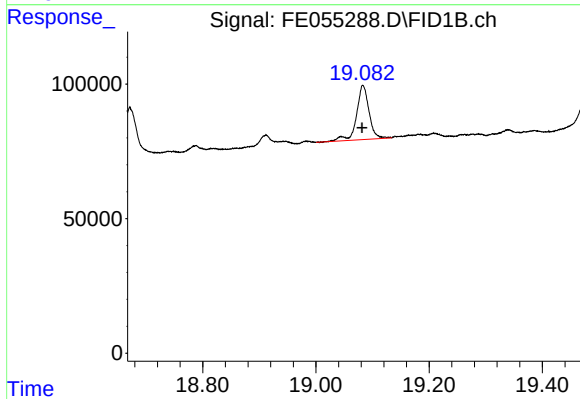
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: -0.005 min
Response: 125766
Conc: 1.03 ug/ml



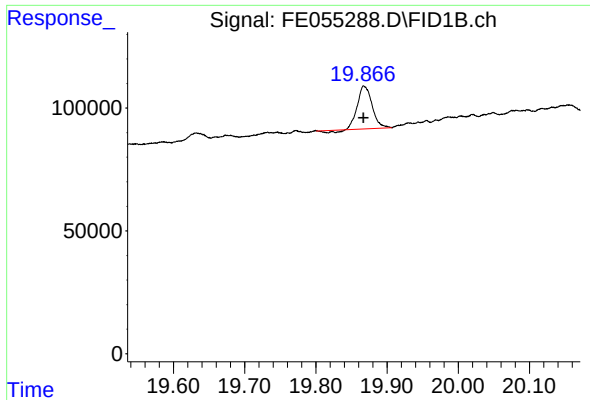
#17 n-Tricontane (C30)

R.T.: 18.250 min
Delta R.T.: 0.002 min
Response: 198211
Conc: 1.61 ug/ml



#18 n-Dotriacontane (C32)

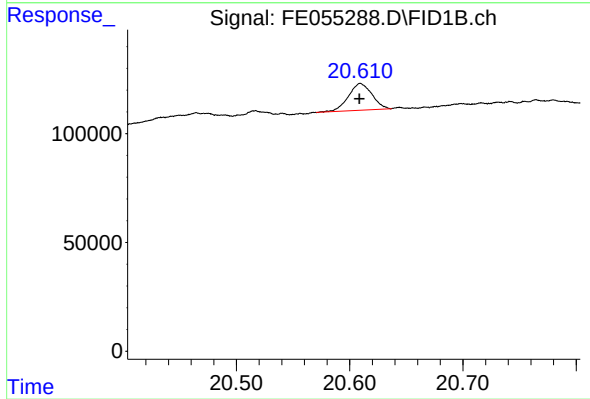
R.T.: 19.083 min
Delta R.T.: 0.002 min
Response: 307991
Conc: 2.52 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.868 min
Delta R.T.: 0.002 min
Response: 243329
Conc: 2.08 ug/ml

Instrument :
FID_E
ClientSampleId :



#20 n-Hexatriacontane (C36)

R.T.: 20.610 min
Delta R.T.: 0.001 min
Response: 177640
Conc: 1.63 ug/ml