

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055211.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 15:17
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Aug 11 02:43:36 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 080125.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 01 14:14:17 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			
12) S 1-chlorooctadecane (S...	13.072	2507631	23.001 ug/ml
Spiked Amount 50.000		Recovery =	46.00%
Target Compounds			
1) T n-Nonane (C9)	3.421	2249826	15.791 ug/ml
13) T n-Docosane (C22)	13.862	144741	1.159 ug/ml
14) T n-Tetracosane (C24)	15.005	124273	1.030 ug/ml
16) T n-Octacosane (C28)	16.889	305934	2.729 ug/ml
17) T n-Tricontane (C30)	17.809	447678	3.910 ug/ml
18) T n-Dotriacontane (C32)	18.670	605292	5.449 ug/ml
19) T n-Tetratriacontane (C34)	19.479	588352	5.778 ug/ml
20) T n-Hexatriacontane (C36)	20.242f	331080	3.713 ug/ml
21) T n-Octatriacontane (C38)	20.976	219330	2.727 ug/ml

(f)=RT Delta > 1/2 Window

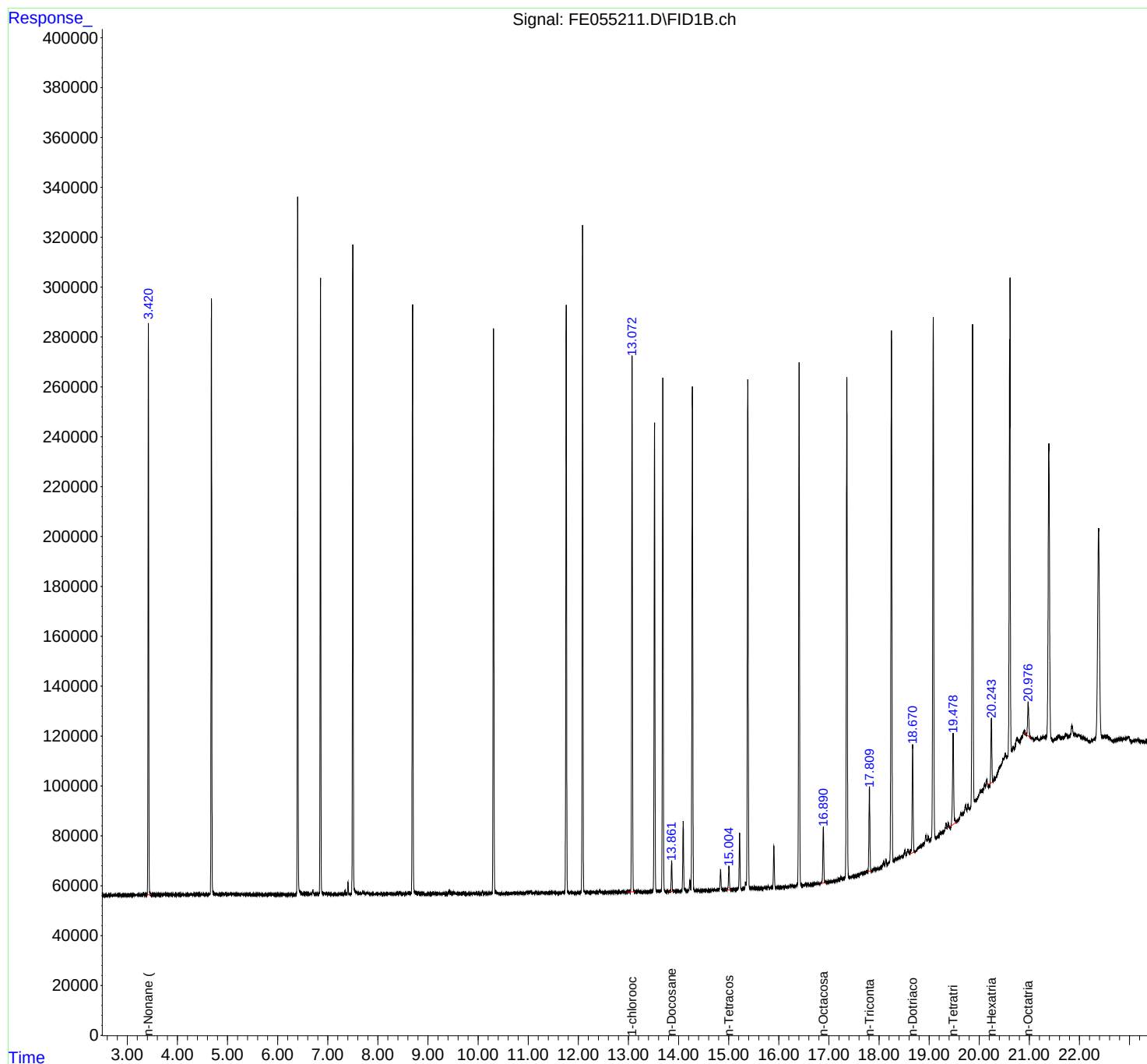
(m)=manual int.

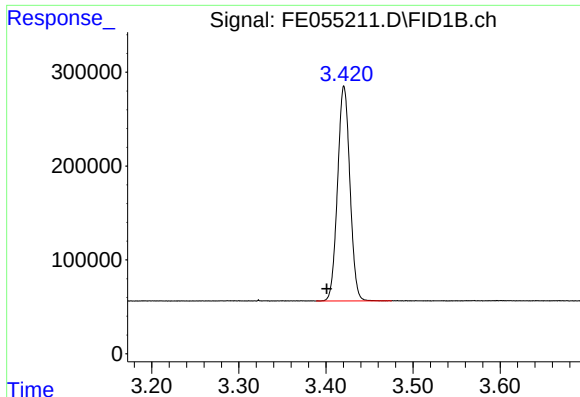
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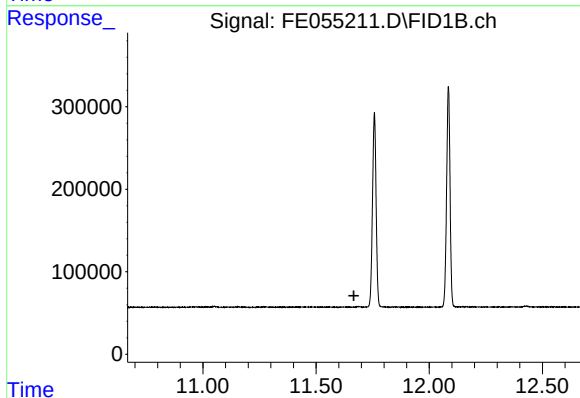




#1 n-Nonane (C9)

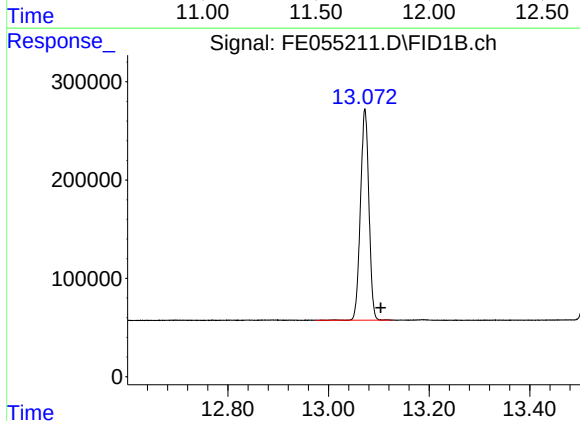
R.T.: 3.421 min
Delta R.T.: 0.020 min
Response: 2249826
Conc: 15.79 ug/ml

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20 PPM ALIPHATIC HC STD



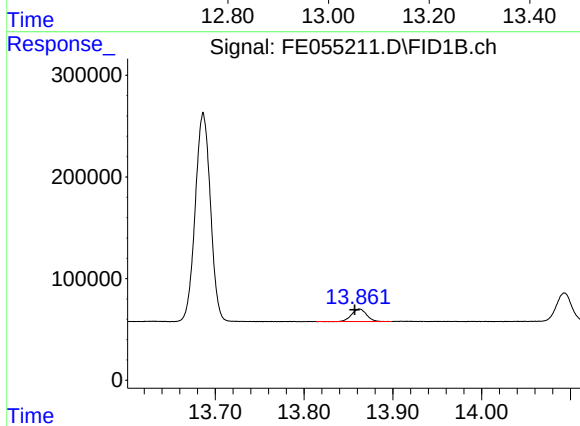
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.667 min
Response: 0
Conc: N.D.



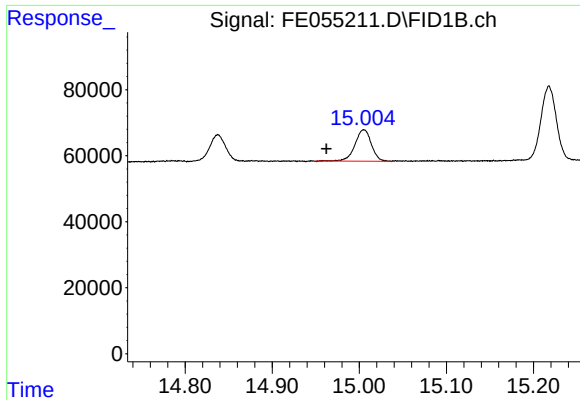
#12 1-chlorooctadecane (SURR)

R.T.: 13.072 min
Delta R.T.: -0.031 min
Response: 2507631
Conc: 23.00 ug/ml



#13 n-Docosane (C22)

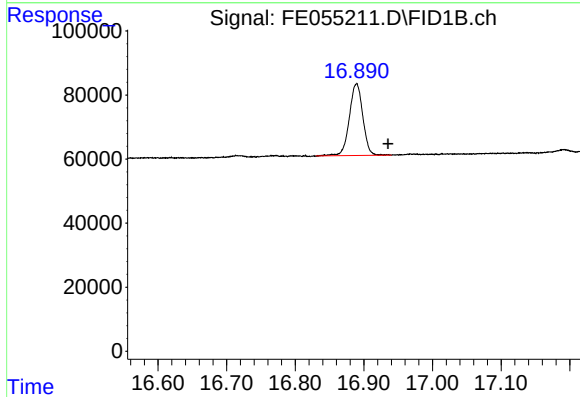
R.T.: 13.862 min
Delta R.T.: 0.005 min
Response: 144741
Conc: 1.16 ug/ml



#14 n-Tetracosane (C24)

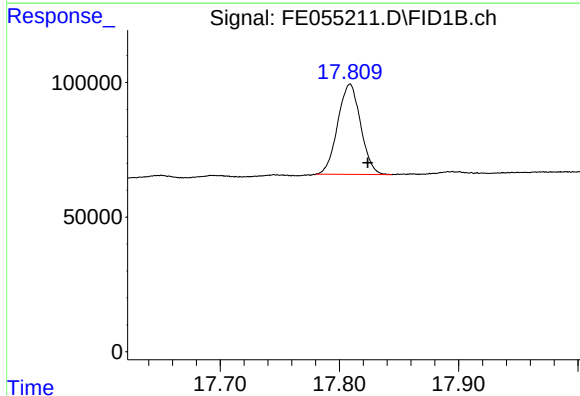
R.T.: 15.005 min
Delta R.T.: 0.043 min
Response: 124273
Conc: 1.03 ug/ml

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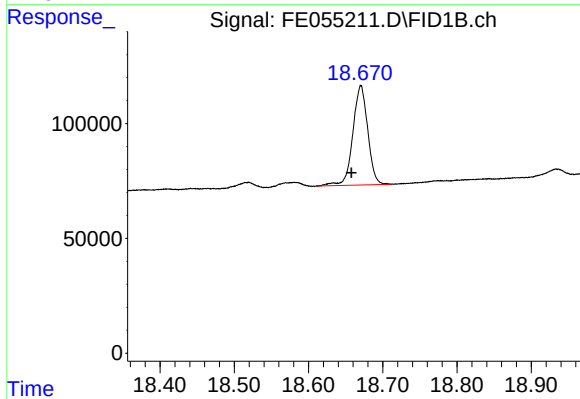
#16 n-Octacosane (C28)

R.T.: 16.889 min
Delta R.T.: -0.046 min
Response: 305934
Conc: 2.73 ug/ml



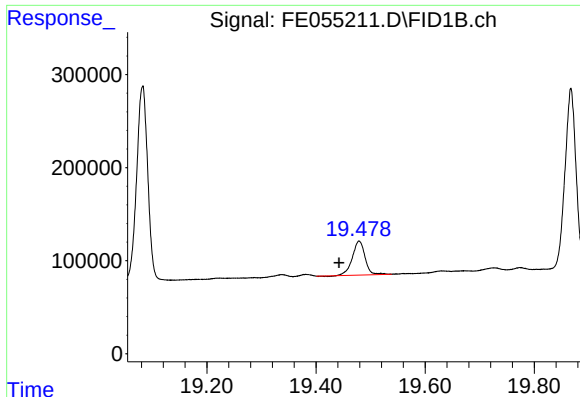
#17 n-Tricontane (C30)

R.T.: 17.809 min
Delta R.T.: -0.015 min
Response: 447678
Conc: 3.91 ug/ml



#18 n-Dotriacontane (C32)

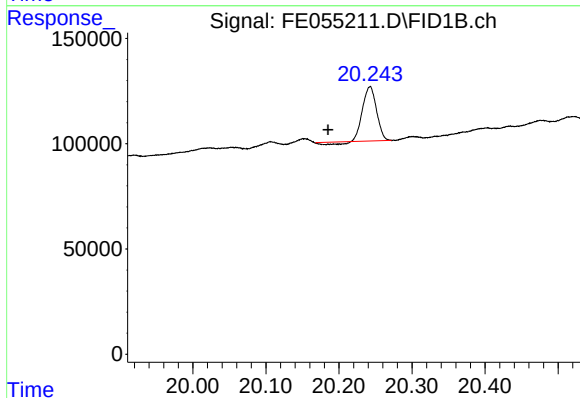
R.T.: 18.670 min
Delta R.T.: 0.013 min
Response: 605292
Conc: 5.45 ug/ml



#19 n-Tetratriacontane (C34)

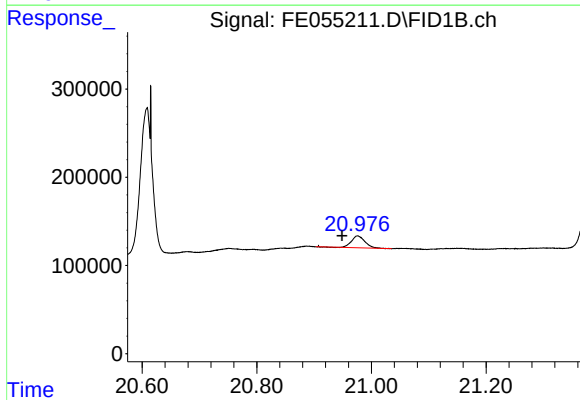
R.T.: 19.479 min
Delta R.T.: 0.037 min
Response: 588352
Conc: 5.78 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.242 min
Delta R.T.: 0.057 min
Response: 331080
Conc: 3.71 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.976 min
Delta R.T.: 0.027 min
Response: 219330
Conc: 2.73 ug/ml