

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080825AL\
 Data File : FE055221.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2025 20:50
 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 02:46:41 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...	13.071	2221917	20.380 ug/ml
Spiked Amount 50.000		Recovery =	40.76%
Target Compounds			
1) T n-Nonane (C9)	3.420	1911856	13.419 ug/ml
13) T n-Docosane (C22)	13.860	131664	1.054 ug/ml
14) T n-Tetracosane (C24)	15.003	112884	0.935 ug/ml
16) T n-Octacosane (C28)	16.887	282062	2.516 ug/ml
17) T n-Tricontane (C30)	17.807	416126	3.634 ug/ml
18) T n-Dotriacontane (C32)	18.667	575544	5.181 ug/ml
19) T n-Tetratriacontane (C34)	19.477	578059	5.677 ug/ml
20) T n-Hexatriacontane (C36)	20.239f	362864	4.070 ug/ml
21) T n-Octatriacontane (C38)	20.975	200933	2.498 ug/ml

(f)=RT Delta > 1/2 Window

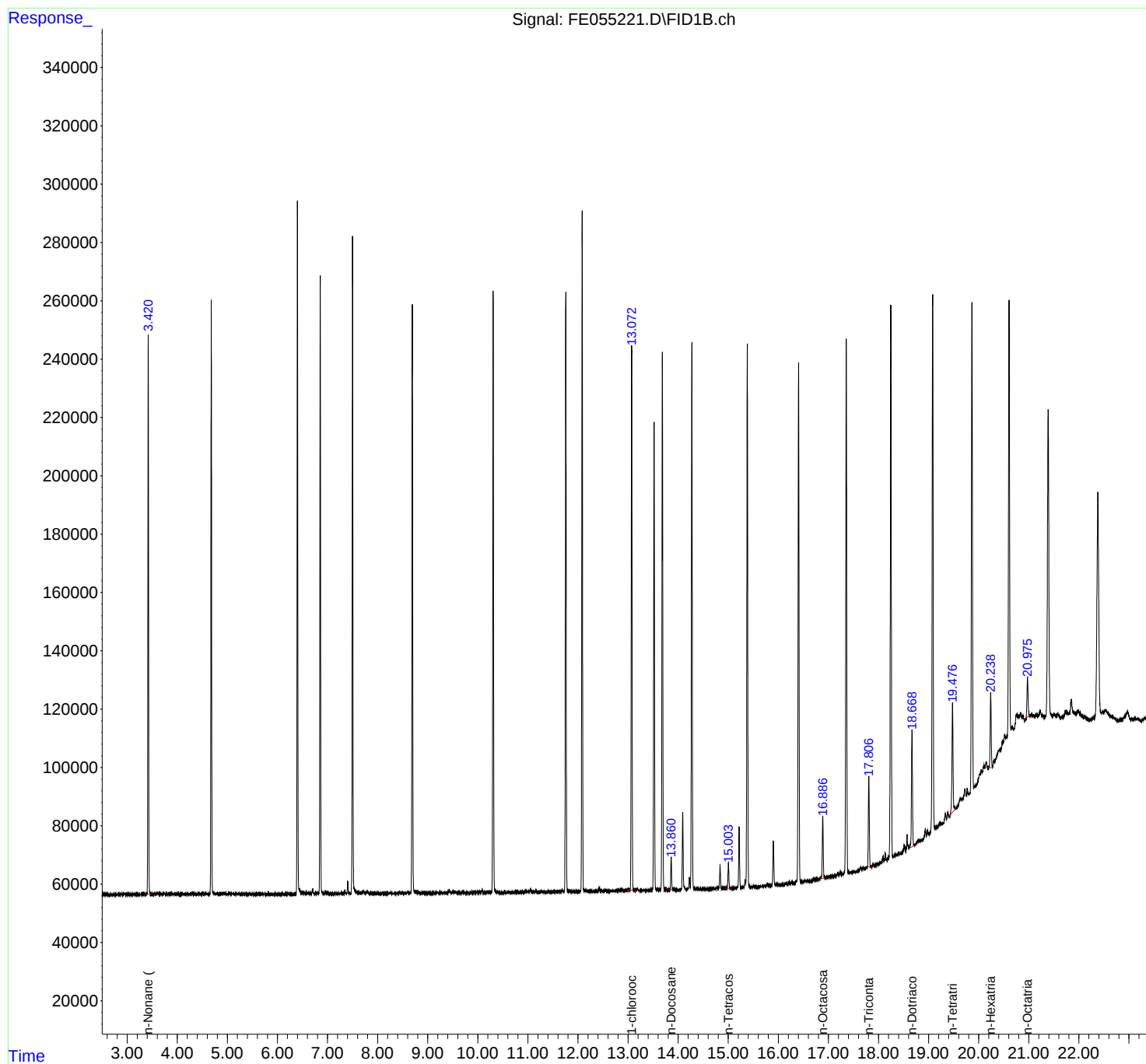
(m)=manual int.

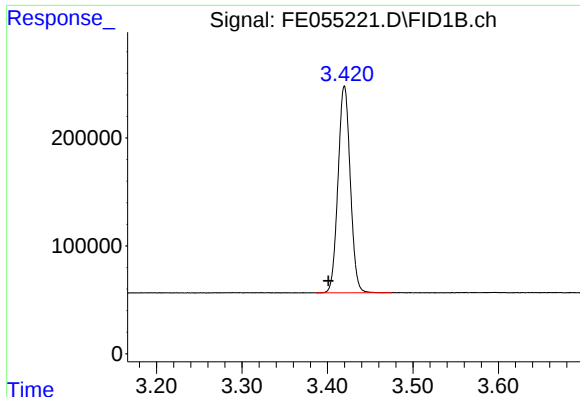
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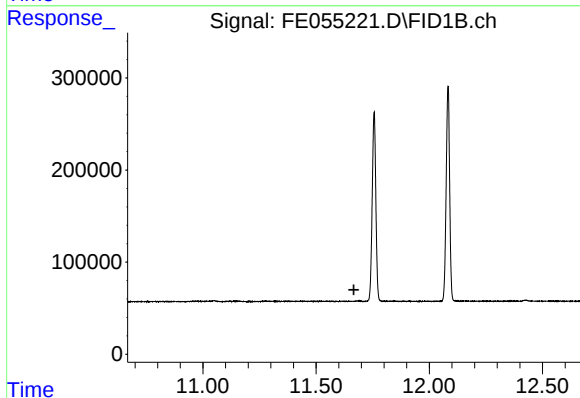




#1 n-Nonane (C9)

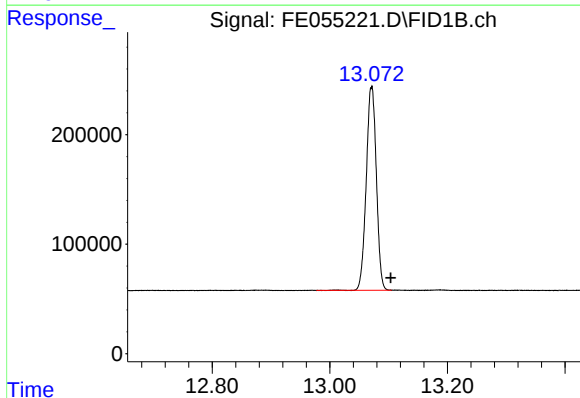
R.T.: 3.420 min
Delta R.T.: 0.019 min
Response: 1911856
Conc: 13.42 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



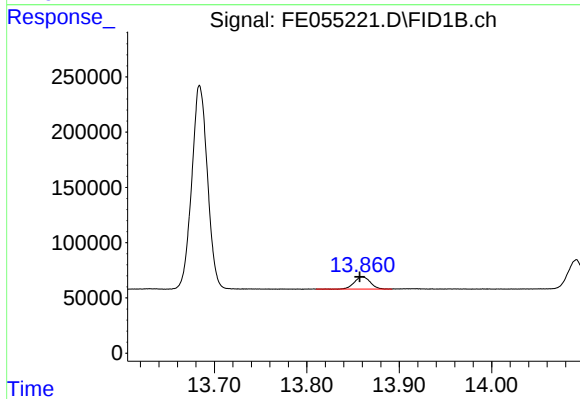
#9 ortho-Terphenyl (SURR)

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



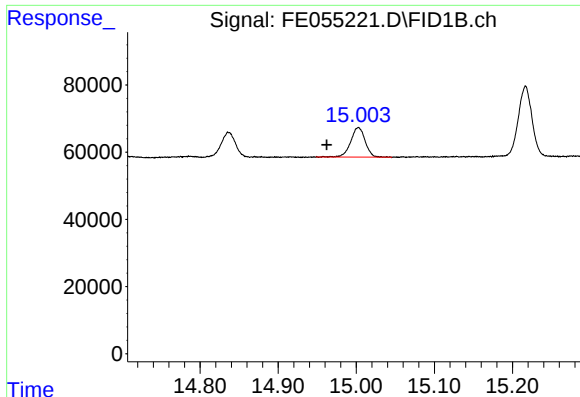
#12 1-chlorooctadecane (SURR)

R.T.: 13.071 min
Delta R.T.: -0.033 min
Response: 2221917
Conc: 20.38 ug/ml



#13 n-Docosane (C22)

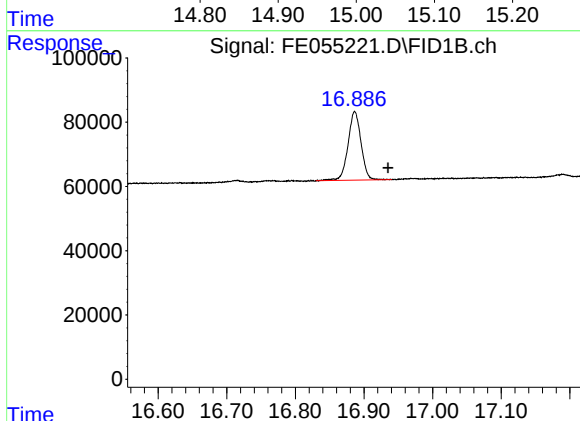
R.T.: 13.860 min
Delta R.T.: 0.003 min
Response: 131664
Conc: 1.05 ug/ml



#14 n-Tetracosane (C24)

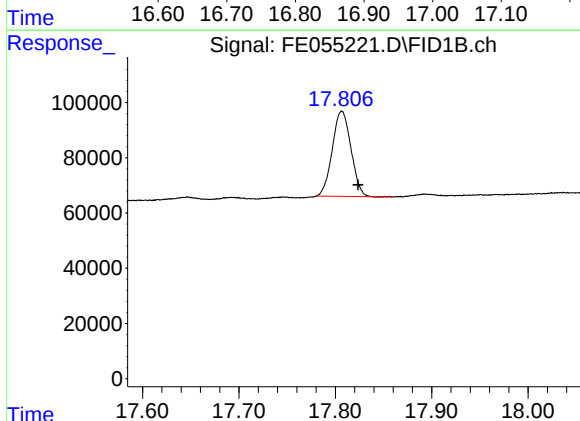
R.T.: 15.003 min
Delta R.T.: 0.041 min
Response: 112884
Conc: 0.94 ug/ml

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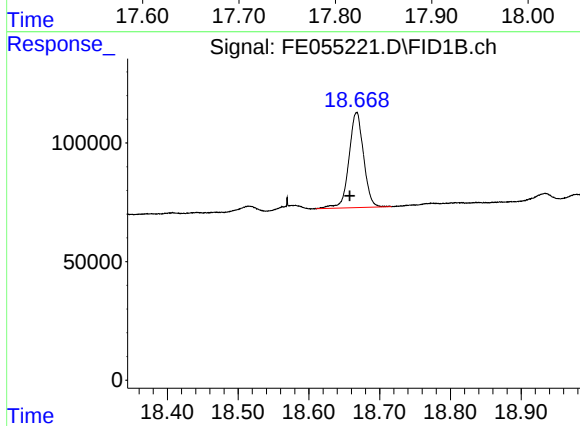
#16 n-Octacosane (C28)

R.T.: 16.887 min
Delta R.T.: -0.049 min
Response: 282062
Conc: 2.52 ug/ml



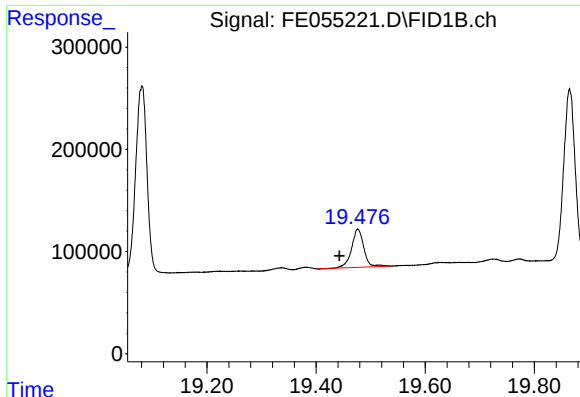
#17 n-Tricontane (C30)

R.T.: 17.807 min
Delta R.T.: -0.017 min
Response: 416126
Conc: 3.63 ug/ml



#18 n-Dotriacontane (C32)

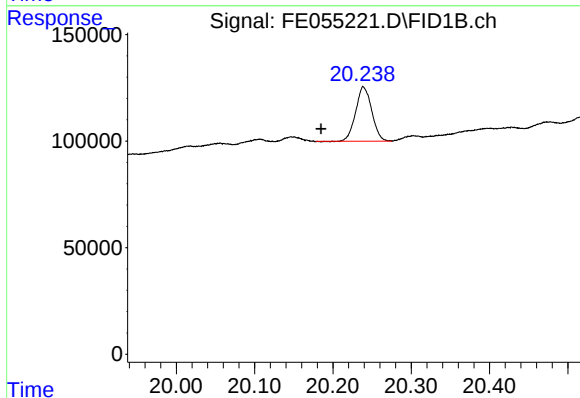
R.T.: 18.667 min
Delta R.T.: 0.010 min
Response: 575544
Conc: 5.18 ug/ml



#19 n-Tetratriacontane (C34)

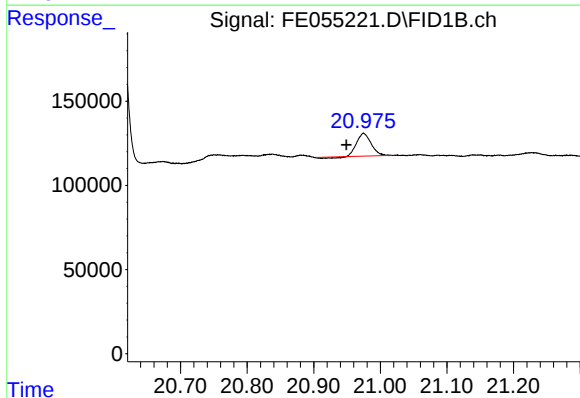
R.T.: 19.477 min
Delta R.T.: 0.034 min
Response: 578059
Conc: 5.68 ug/ml

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#20 n-Hexatriacontane (C36)

R.T.: 20.239 min
Delta R.T.: 0.054 min
Response: 362864
Conc: 4.07 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.975 min
Delta R.T.: 0.026 min
Response: 200933
Conc: 2.50 ug/ml