

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112025AL\
 Data File : FE056959.D
 Signal(s) : FID1B.ch
 Acq On : 20 Nov 2025 14:10
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Nov 20 22:02:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 103025.M
 Quant Title : GC Extractables
 QLast Update : Tue Nov 18 13:37:28 2025
 Response via : Initial Calibration
 Integrator: ChemStation

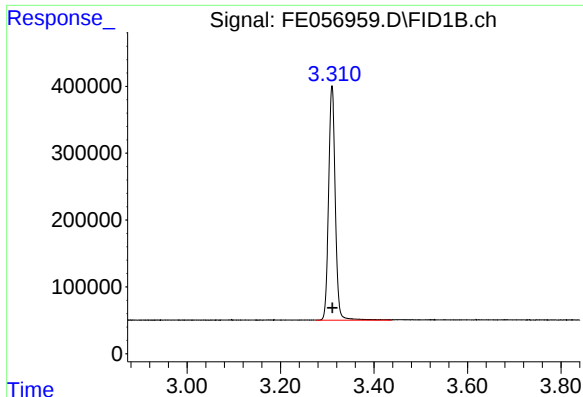
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.949	3861548	18.484 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.387	2913762	18.085 ug/ml
Spiked Amount 50.000		Recovery =	36.17%
Target Compounds			
1) T n-Nonane (C9)	3.310	3482242	20.732 ug/ml
2) T n-Decane (C10)	4.562	3608871	21.031 ug/ml
3) T A~Naphthalene (C11.7)	6.278	3823398	20.714 ug/ml
4) T n-Dodecane (C12)	6.733	3633644	20.891 ug/ml
5) T A~2-methylnaphthalene...	7.377	3568185	20.134 ug/ml
6) T n-Tetradecane (C14)	8.567	3591796	20.577 ug/ml
7) T n-Hexadecane (C16)	10.179	3634698	19.866 ug/ml
8) T n-Octadecane (C18)	11.626	3620391	19.128 ug/ml
10) T n-Eicosane (C20)	12.939	3414170	18.320 ug/ml
11) T n-Heneicosane (C21)	13.552	3321790	18.065 ug/ml
13) T n-Docosane (C22)	14.141	3324568	17.759 ug/ml
14) T n-Tetracosane (C24)	15.246	3303782	16.868 ug/ml
15) T n-Hexacosane (C26)	16.270	3253203	16.740 ug/ml
16) T n-Octacosane (C28)	17.222	3275481	16.913 ug/ml
17) T n-Tricontane (C30)	18.112	3709130	18.500 ug/ml
18) T n-Dotriacontane (C32)	18.947	4257099	21.648 ug/ml
19) T n-Tetratriacontane (C34)	19.733	5566139	32.247 ug/ml
20) T n-Hexatriacontane (C36)	20.473	12886249	89.082 ug/ml
21) T n-Octatriacontane (C38)	21.221	7322457	58.179 ug/ml
22) T n-Tetracontane (C40)	22.156	10847590	93.826 ug/ml

(f)=RT Delta > 1/2 Window

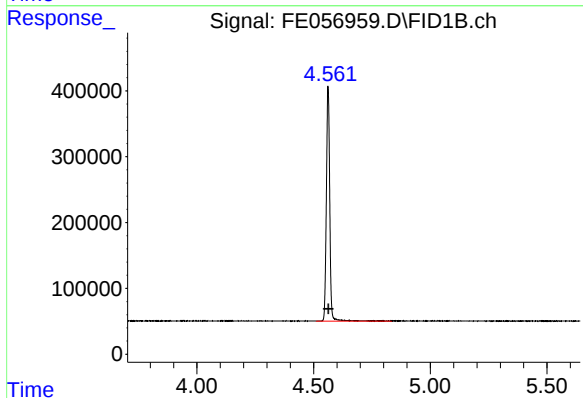
(m)=manual int.



#1 n-Nonane (C9)

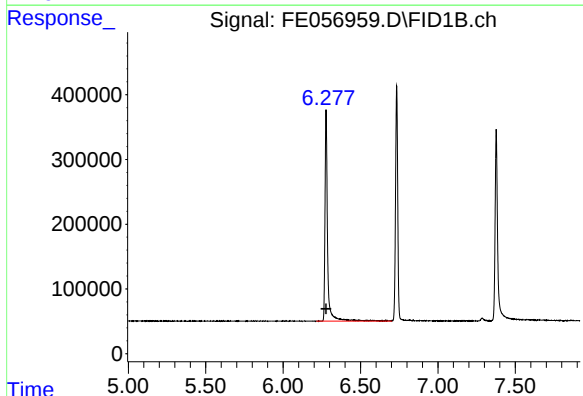
R.T.: 3.310 min
Delta R.T.: 0.000 min
Response: 3482242
Conc: 20.73 ug/ml

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20 PPM ALIPHATIC HC STD



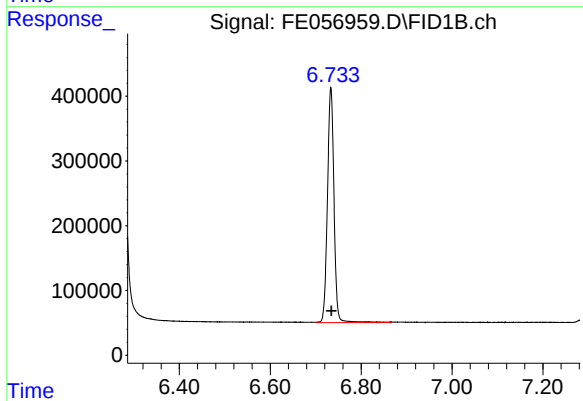
#2 n-Decane (C10)

R.T.: 4.562 min
Delta R.T.: -0.001 min
Response: 3608871
Conc: 21.03 ug/ml



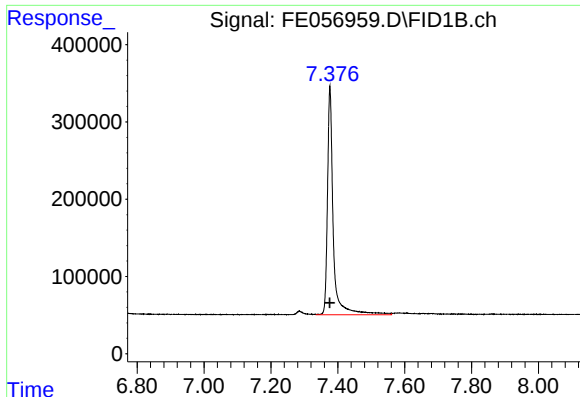
#3 A~Naphthalene (C11.7)

R.T.: 6.278 min
Delta R.T.: 0.000 min
Response: 3823398
Conc: 20.71 ug/ml



#4 n-Dodecane (C12)

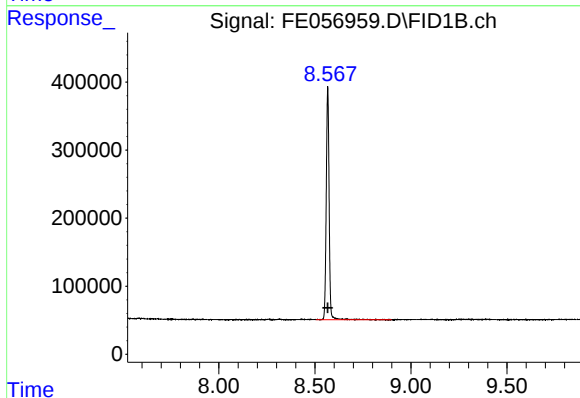
R.T.: 6.733 min
Delta R.T.: 0.000 min
Response: 3633644
Conc: 20.89 ug/ml



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

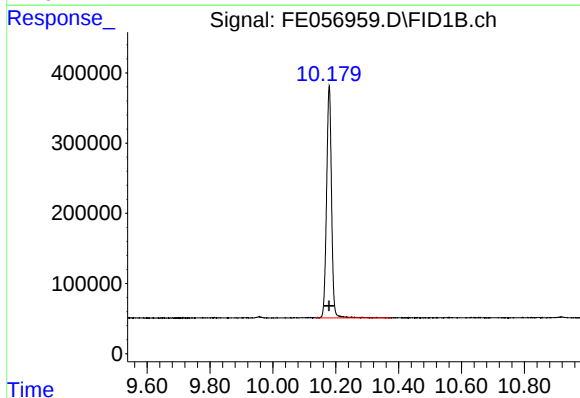
R.T.: 7.377 min
Delta R.T.: 0.000 min
Response: 3568185
Conc: 20.13 ug/ml

Instrument :
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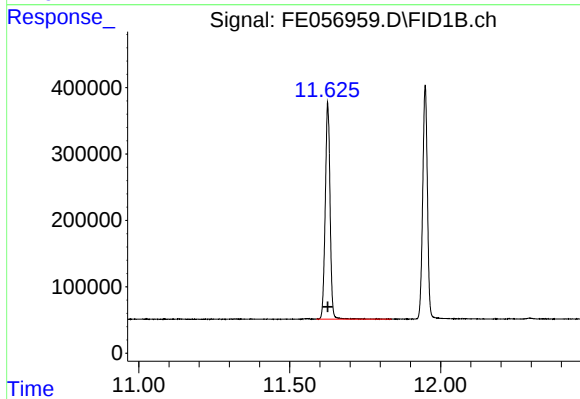
#6 n-Tetradecane (C14)

R.T.: 8.567 min
Delta R.T.: 0.000 min
Response: 3591796
Conc: 20.58 ug/ml



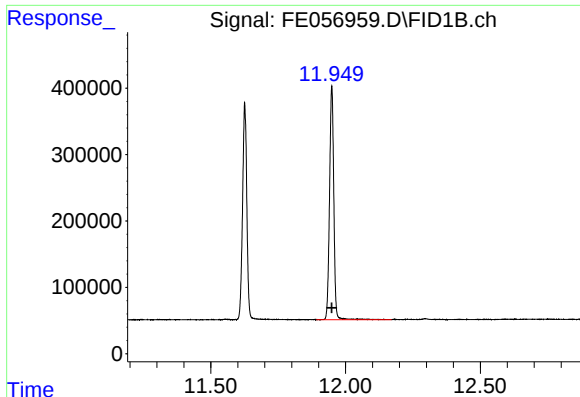
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3634698
Conc: 19.87 ug/ml



#8 n-Octadecane (C18)

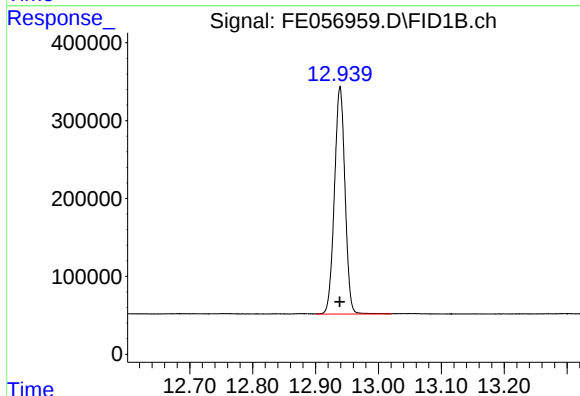
R.T.: 11.626 min
Delta R.T.: 0.000 min
Response: 3620391
Conc: 19.13 ug/ml



#9 ortho-Terphenyl (SURR)

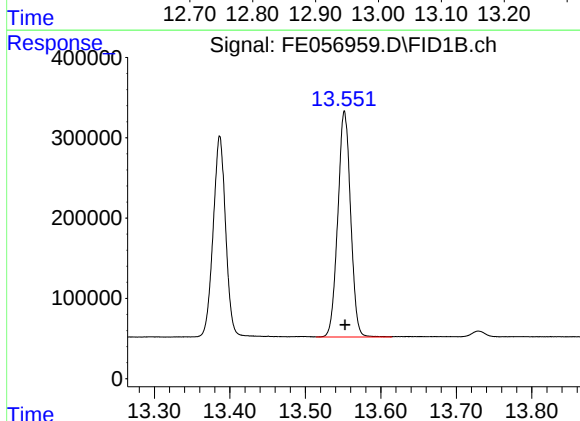
R.T.: 11.949 min
Delta R.T.: 0.000 min
Response: 3861548
Conc: 18.48 ug/ml

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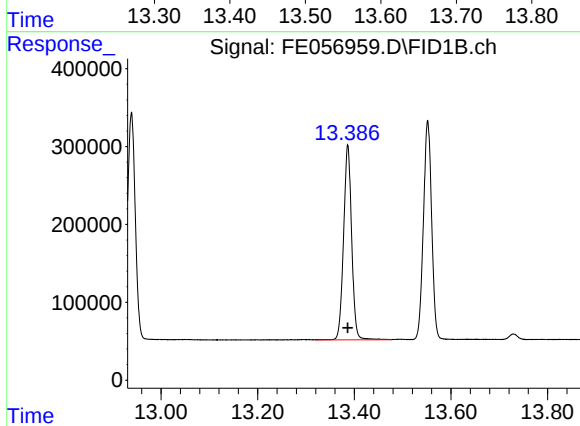
#10 n-Eicosane (C20)

R.T.: 12.939 min
Delta R.T.: 0.000 min
Response: 3414170
Conc: 18.32 ug/ml



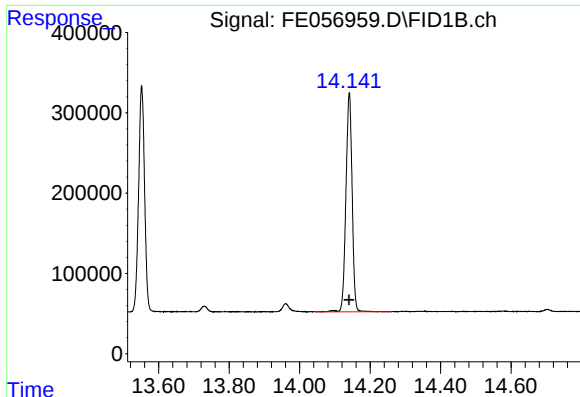
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.000 min
Response: 3321790
Conc: 18.06 ug/ml



#12 1-chlorooctadecane (SURR)

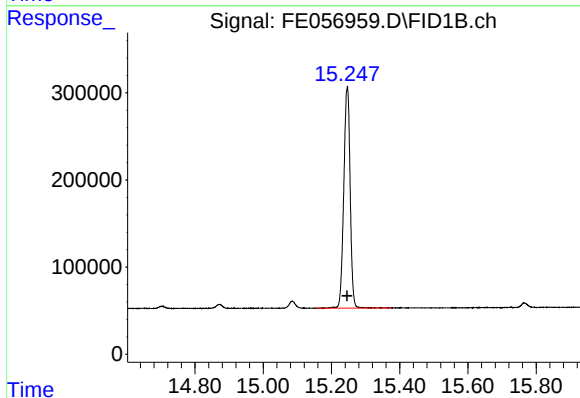
R.T.: 13.387 min
Delta R.T.: 0.000 min
Response: 2913762
Conc: 18.08 ug/ml



#13 n-Docosane (C22)

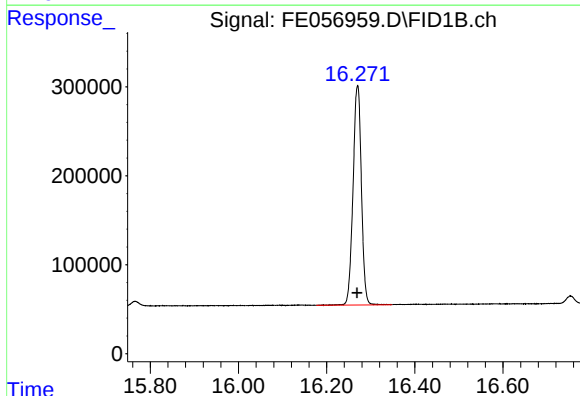
R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 3324568
Conc: 17.76 ug/ml

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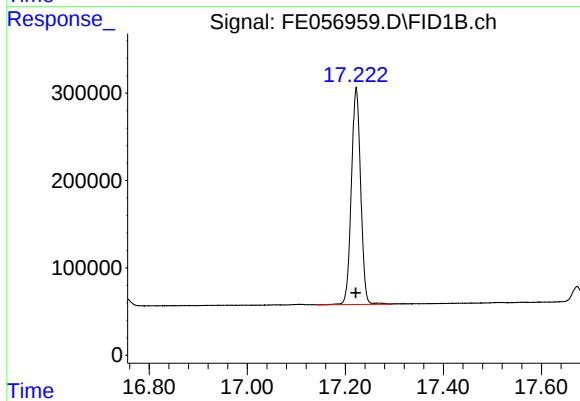
#14 n-Tetracosane (C24)

R.T.: 15.246 min
Delta R.T.: 0.000 min
Response: 3303782
Conc: 16.87 ug/ml



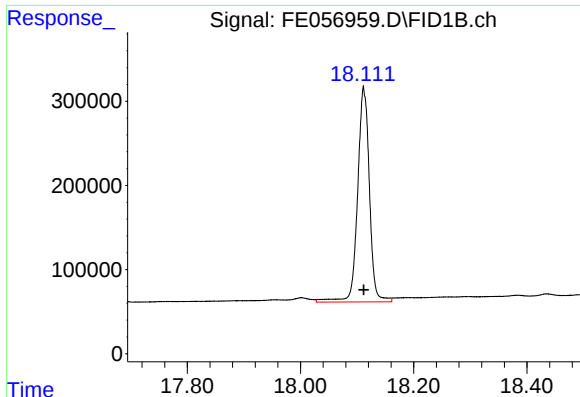
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: 0.000 min
Response: 3253203
Conc: 16.74 ug/ml



#16 n-Octacosane (C28)

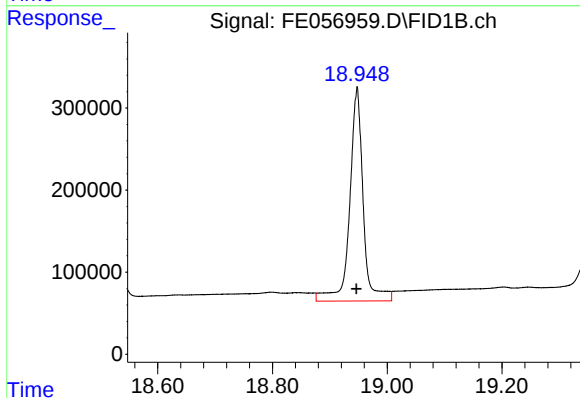
R.T.: 17.222 min
Delta R.T.: 0.000 min
Response: 3275481
Conc: 16.91 ug/ml



#17 n-Tricontane (C30)

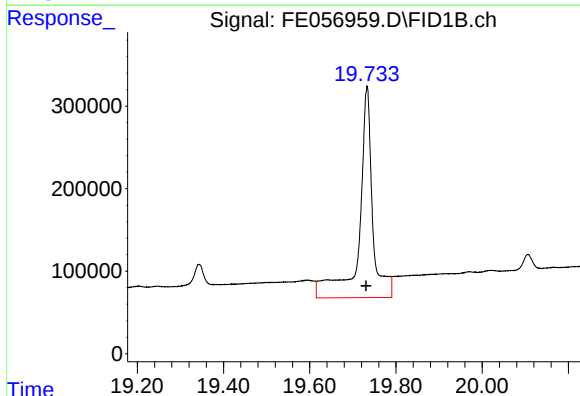
R.T.: 18.112 min
Delta R.T.: 0.000 min
Response: 3709130
Conc: 18.50 ug/ml

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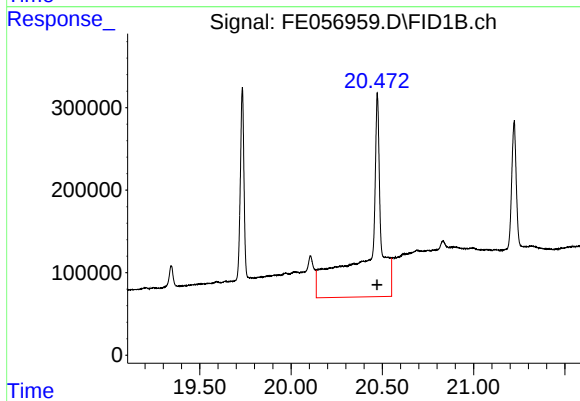
#18 n-Dotriacontane (C32)

R.T.: 18.947 min
Delta R.T.: 0.000 min
Response: 4257099
Conc: 21.65 ug/ml



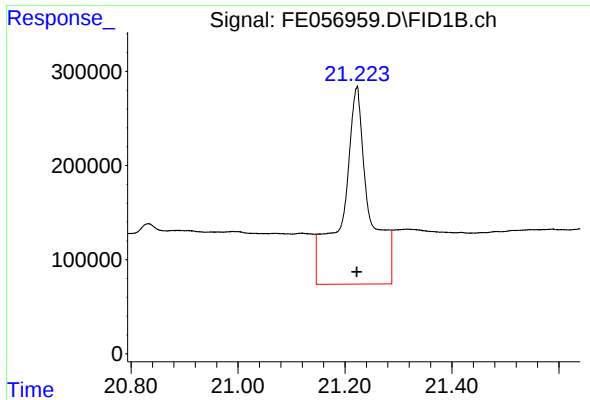
#19 n-Tetratriacontane (C34)

R.T.: 19.733 min
Delta R.T.: 0.001 min
Response: 5566139
Conc: 32.25 ug/ml



#20 n-Hexatriacontane (C36)

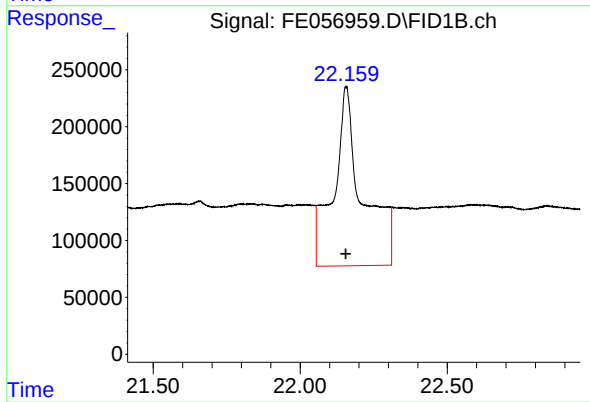
R.T.: 20.473 min
Delta R.T.: 0.000 min
Response: 12886249
Conc: 89.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.221 min
Delta R.T.: 0.000 min
Response: 7322457
Conc: 58.18 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.156 min
Delta R.T.: 0.001 min
Response: 10847590
Conc: 93.83 ug/ml