

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102125AL\
 Data File : FE056405.D
 Signal(s) : FID1B.ch
 Acq On : 21 Oct 2025 08:17
 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: autoint1.e
 Quant Time: Oct 21 14:33:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101725.M
 Quant Title : GC Extractables
 QLast Update : Fri Oct 17 08:31:49 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)	12.052	3758757	18.399 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.488	2811231	18.425 ug/ml
Spiked Amount 50.000		Recovery =	36.85%
Target Compounds			
1) T n-Nonane (C9)	3.397	3109374	19.076 ug/ml
2) T n-Decane (C10)	4.650	3287305	19.990 ug/ml
3) T A~Naphthalene (C11.7)	6.368	3467801	19.617 ug/ml
4) T n-Dodecane (C12)	6.824	3368505	20.077 ug/ml
5) T A~2-methylnaphthalene...	7.469	3302846	19.822 ug/ml
6) T n-Tetradecane (C14)	8.660	3320504	19.987 ug/ml
7) T n-Hexadecane (C16)	10.275	3402380	19.447 ug/ml
8) T n-Octadecane (C18)	11.725	3463818	18.989 ug/ml
10) T n-Eicosane (C20)	13.040	3305338	18.564 ug/ml
11) T n-Heneicosane (C21)	13.654	3235586	18.442 ug/ml
13) T n-Docosane (C22)	14.242	3237486	18.290 ug/ml
14) T n-Tetracosane (C24)	15.349	3222842	17.714 ug/ml
15) T n-Hexacosane (C26)	16.373	3138499	17.484 ug/ml
16) T n-Octacosane (C28)	17.326	3079842	17.312 ug/ml
17) T n-Tricontane (C30)	18.215	3145128	17.323 ug/ml
18) T n-Dotriacontane (C32)	19.050	3048269	17.290 ug/ml
19) T n-Tetratriacontane (C34)	19.835	2745468	17.736 ug/ml
20) T n-Hexatriacontane (C36)	20.576	2367863	18.953 ug/ml
21) T n-Octatriacontane (C38)	21.346	2124298	20.332 ug/ml
22) T n-Tetracontane (C40)	22.319	1989475	21.924 ug/ml

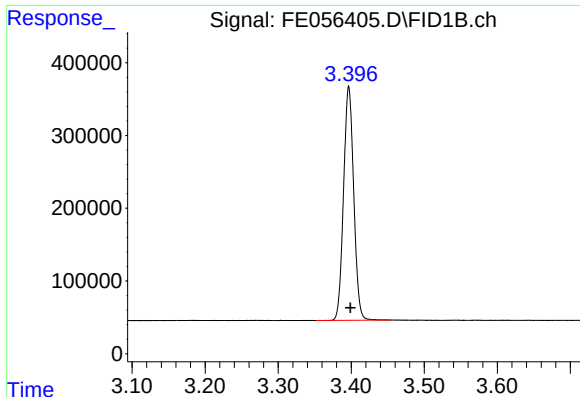
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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

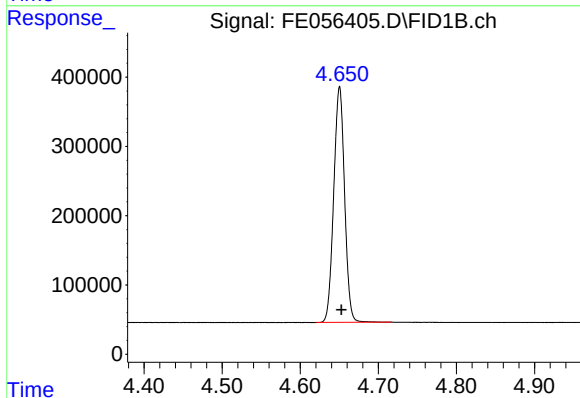




#1 n-Nonane (C9)

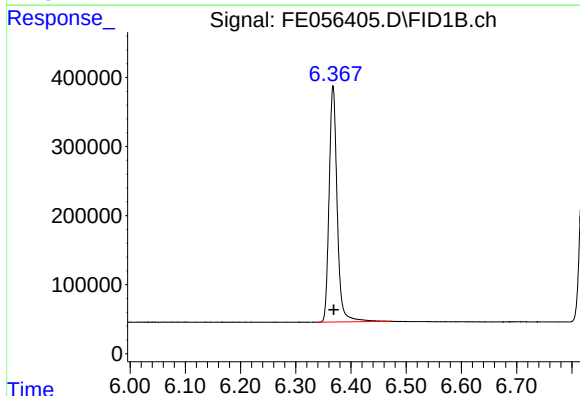
R.T.: 3.397 min
Delta R.T.: -0.002 min
Response: 3109374
Conc: 19.08 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



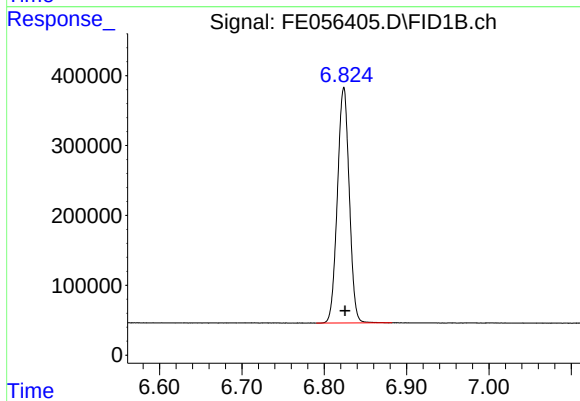
#2 n-Decane (C10)

R.T.: 4.650 min
Delta R.T.: -0.002 min
Response: 3287305
Conc: 19.99 ug/ml



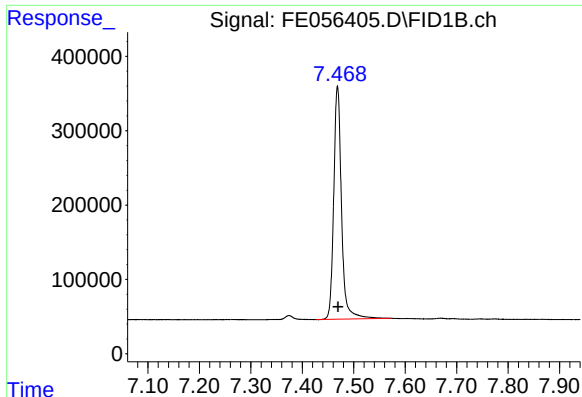
#3 A~Naphthalene (C11.7)

R.T.: 6.368 min
Delta R.T.: -0.001 min
Response: 3467801
Conc: 19.62 ug/ml



#4 n-Dodecane (C12)

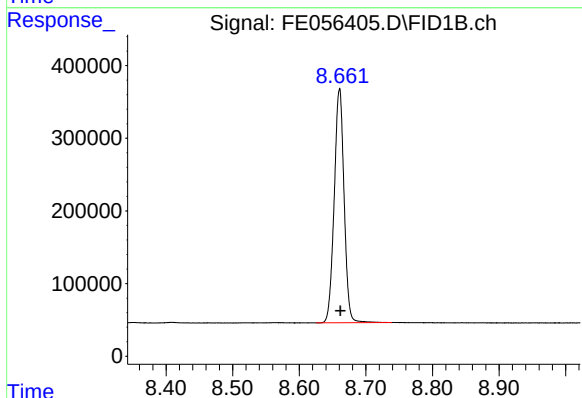
R.T.: 6.824 min
Delta R.T.: -0.002 min
Response: 3368505
Conc: 20.08 ug/ml



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

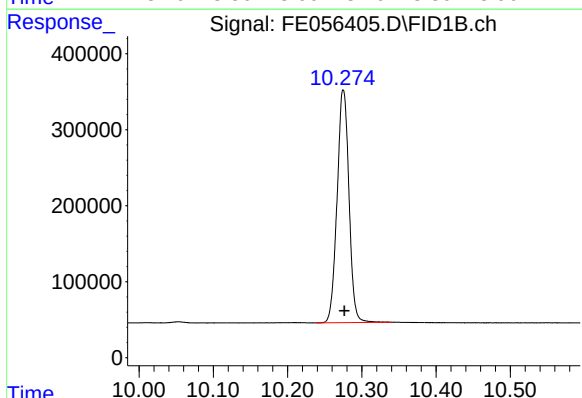
R.T.: 7.469 min
Delta R.T.: -0.001 min
Response: 3302846
Conc: 19.82 ug/ml

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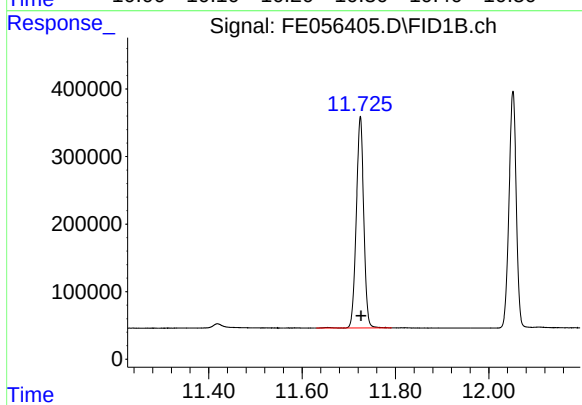
#6 n-Tetradecane (C14)

R.T.: 8.660 min
Delta R.T.: -0.001 min
Response: 3320504
Conc: 19.99 ug/ml



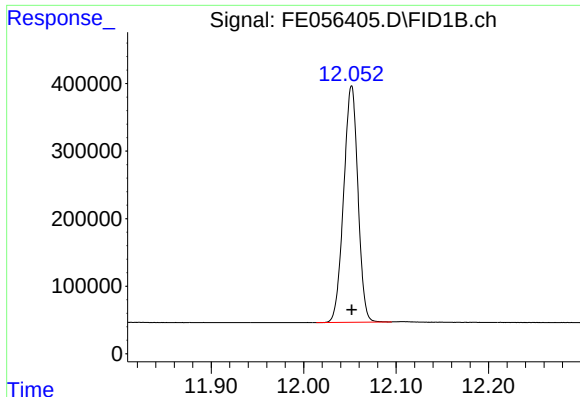
#7 n-Hexadecane (C16)

R.T.: 10.275 min
Delta R.T.: -0.001 min
Response: 3402380
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

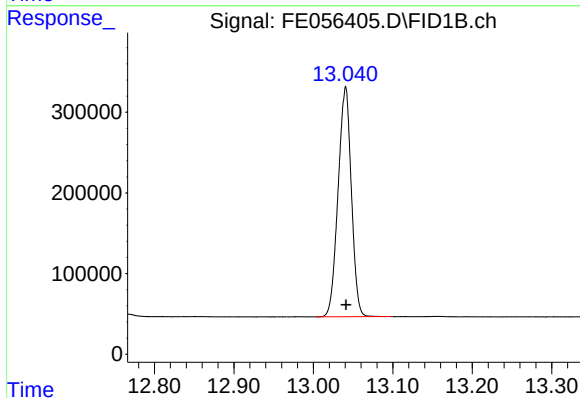
R.T.: 11.725 min
Delta R.T.: -0.002 min
Response: 3463818
Conc: 18.99 ug/ml



#9 ortho-Terphenyl (SURR)

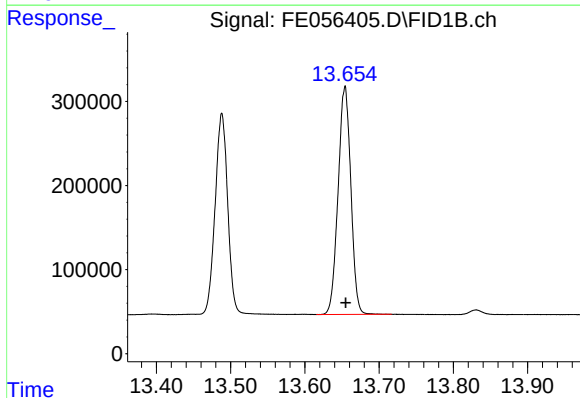
R.T.: 12.052 min
Delta R.T.: 0.000 min
Response: 3758757
Conc: 18.40 ug/ml

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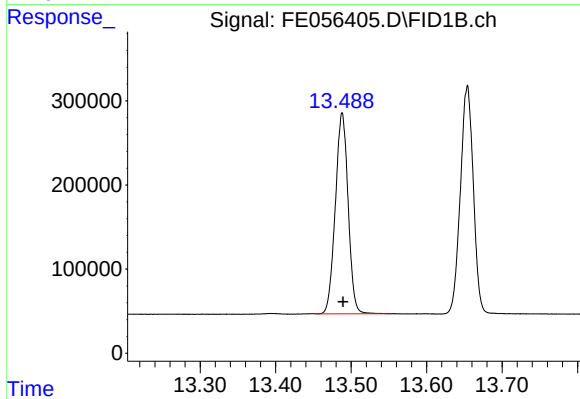
#10 n-Eicosane (C20)

R.T.: 13.040 min
Delta R.T.: 0.000 min
Response: 3305338
Conc: 18.56 ug/ml



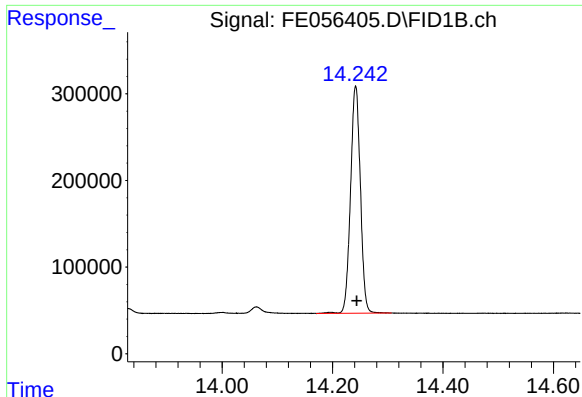
#11 n-Heneicosane (C21)

R.T.: 13.654 min
Delta R.T.: -0.001 min
Response: 3235586
Conc: 18.44 ug/ml



#12 1-chlorooctadecane (SURR)

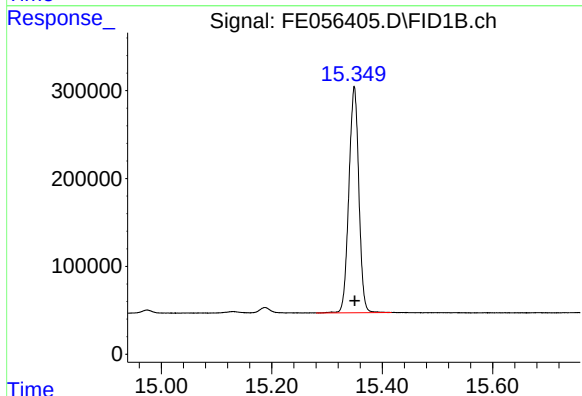
R.T.: 13.488 min
Delta R.T.: -0.001 min
Response: 2811231
Conc: 18.42 ug/ml



#13 n-Docosane (C22)

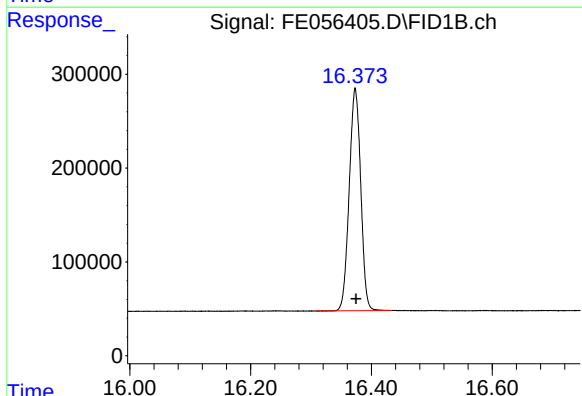
R.T.: 14.242 min
Delta R.T.: -0.002 min
Response: 3237486
Conc: 18.29 ug/ml

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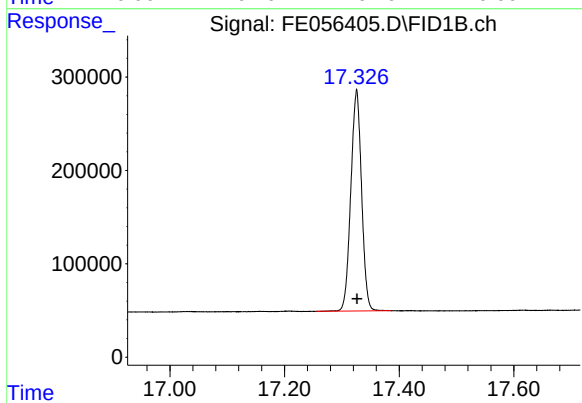
#14 n-Tetracosane (C24)

R.T.: 15.349 min
Delta R.T.: -0.001 min
Response: 3222842
Conc: 17.71 ug/ml



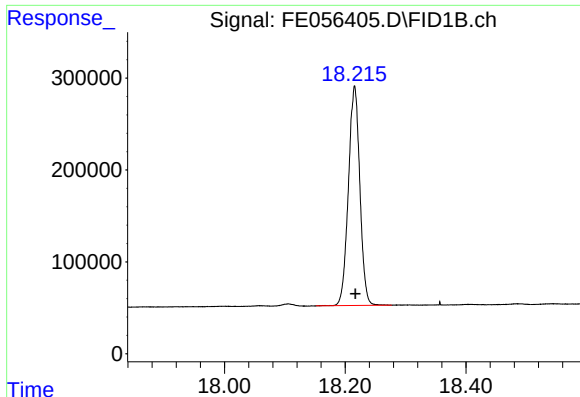
#15 n-Hexacosane (C26)

R.T.: 16.373 min
Delta R.T.: -0.001 min
Response: 3138499
Conc: 17.48 ug/ml



#16 n-Octacosane (C28)

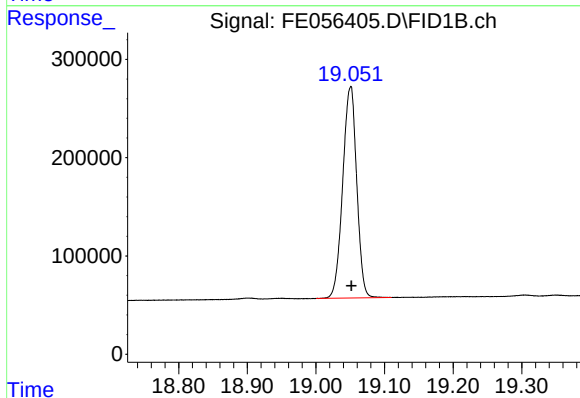
R.T.: 17.326 min
Delta R.T.: -0.001 min
Response: 3079842
Conc: 17.31 ug/ml



#17 n-Tricontane (C30)

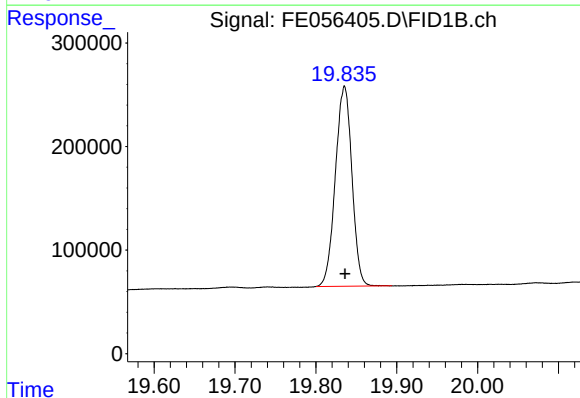
R.T.: 18.215 min
Delta R.T.: -0.002 min
Response: 3145128
Conc: 17.32 ug/ml

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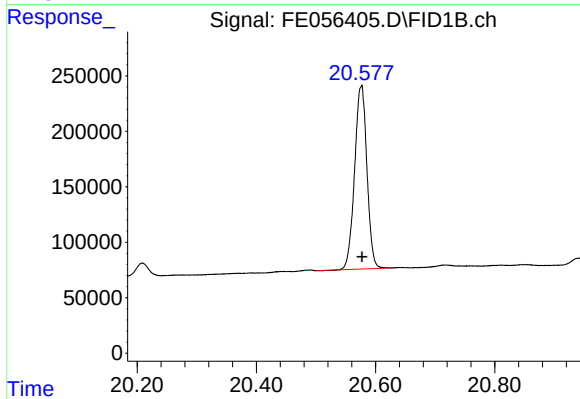
#18 n-Dotriacontane (C32)

R.T.: 19.050 min
Delta R.T.: -0.001 min
Response: 3048269
Conc: 17.29 ug/ml



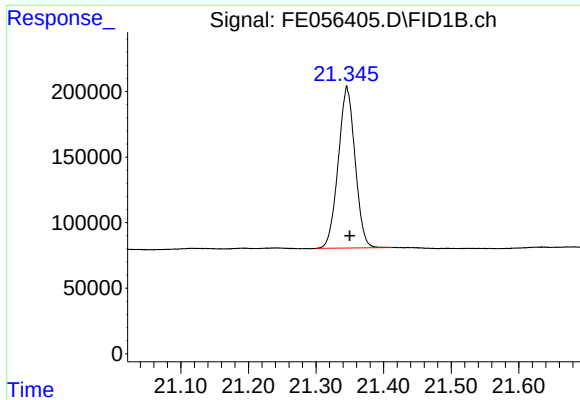
#19 n-Tetratriacontane (C34)

R.T.: 19.835 min
Delta R.T.: 0.000 min
Response: 2745468
Conc: 17.74 ug/ml



#20 n-Hexatriacontane (C36)

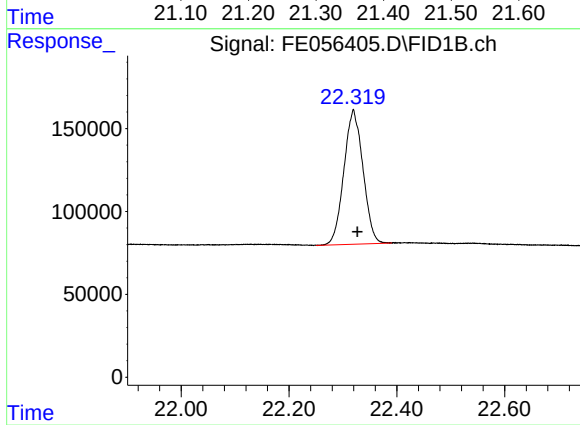
R.T.: 20.576 min
Delta R.T.: -0.002 min
Response: 2367863
Conc: 18.95 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.346 min
Delta R.T.: -0.004 min
Response: 2124298
Conc: 20.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.319 min
Delta R.T.: -0.008 min
Response: 1989475
Conc: 21.92 ug/ml