

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100925AL\
 Data File : FE056280.D
 Signal(s) : FID1B.ch
 Acq On : 09 Oct 2025 18:54
 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: Oct 10 00:25:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092425.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 24 12:55:37 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)	12.061	3566641	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.497	2667641	19.114 ug/ml
Spiked Amount 50.000		Recovery =	38.23%
Target Compounds			
1) T n-Nonane (C9)	3.404	2031756	14.831 ug/ml
2) T n-Decane (C10)	4.663	2189156	15.686 ug/ml
3) T A~Naphthalene (C11.7)	6.382	2754355	17.251 ug/ml
4) T n-Dodecane (C12)	6.837	2421679	16.872 ug/ml
5) T A~2-methylnaphthalene...	7.482	2776252	17.852 ug/ml
6) T n-Tetradecane (C14)	8.672	2660489	17.995 ug/ml
7) T n-Hexadecane (C16)	10.286	3006682	18.921 ug/ml
8) T n-Octadecane (C18)	11.735	3252155	19.200 ug/ml
10) T n-Eicosane (C20)	13.050	3171218	19.131 ug/ml
11) T n-Heneicosane (C21)	13.663	3070156	18.894 ug/ml
13) T n-Docosane (C22)	14.251	3029956	18.962 ug/ml
14) T n-Tetracosane (C24)	15.357	2890606	18.970 ug/ml
15) T n-Hexacosane (C26)	16.381	2709051	18.993 ug/ml
16) T n-Octacosane (C28)	17.333	2666093	19.138 ug/ml
17) T n-Tricontane (C30)	18.222	2864575	19.332 ug/ml
18) T n-Dotriacontane (C32)	19.056	3005048	20.141 ug/ml
19) T n-Tetratriacontane (C34)	19.841	2848539	20.138 ug/ml
20) T n-Hexatriacontane (C36)	20.582	2541131	19.795 ug/ml
21) T n-Octatriacontane (C38)	21.351	2367936	18.029 ug/ml
22) T n-Tetracontane (C40)	22.330	1990614	16.732 ug/ml

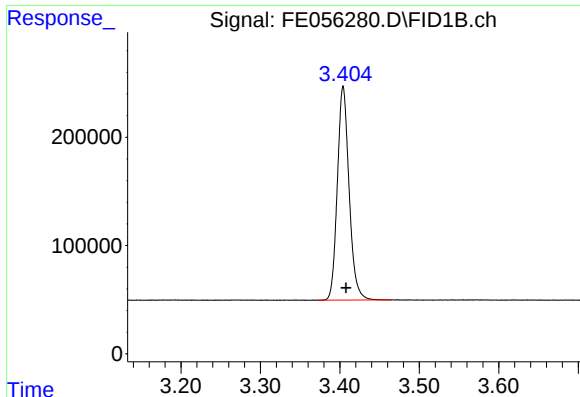
(f)=RT Delta > 1/2 Window

(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

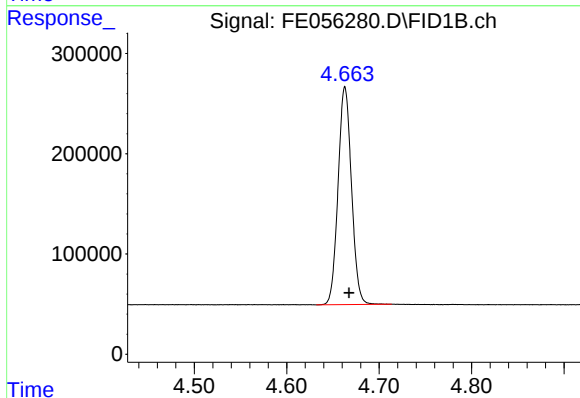




#1 n-Nonane (C9)

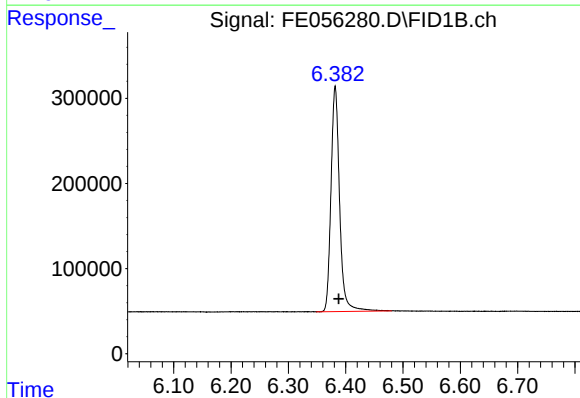
R.T.: 3.404 min
Delta R.T.: -0.004 min
Response: 2031756
Conc: 14.83 ug/ml

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20 PPM ALIPHATIC HC STD



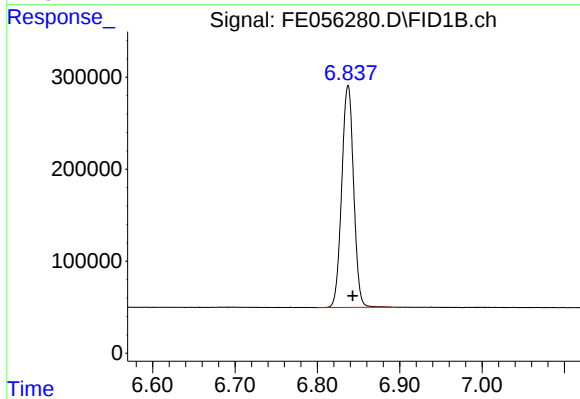
#2 n-Decane (C10)

R.T.: 4.663 min
Delta R.T.: -0.004 min
Response: 2189156
Conc: 15.69 ug/ml



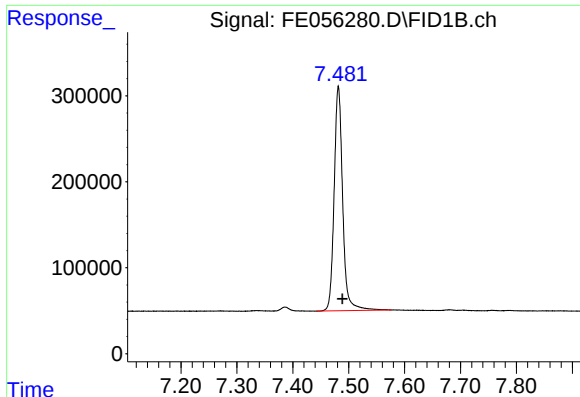
#3 A~Naphthalene (C11.7)

R.T.: 6.382 min
Delta R.T.: -0.006 min
Response: 2754355
Conc: 17.25 ug/ml



#4 n-Dodecane (C12)

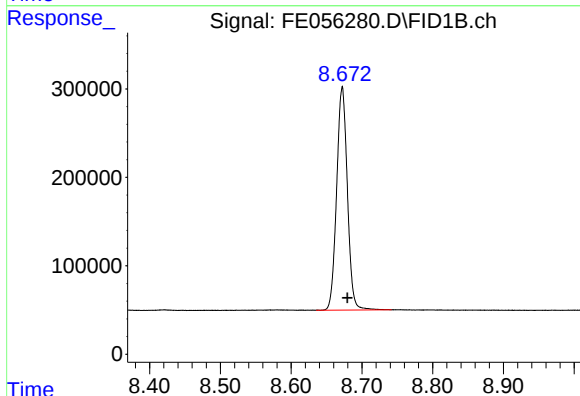
R.T.: 6.837 min
Delta R.T.: -0.006 min
Response: 2421679
Conc: 16.87 ug/ml



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

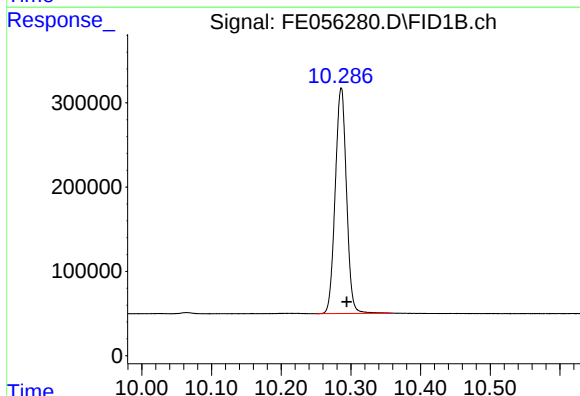
R.T.: 7.482 min
Delta R.T.: -0.007 min
Response: 2776252
Conc: 17.85 ug/ml

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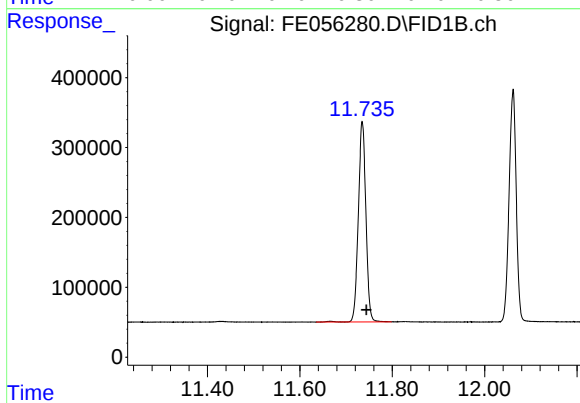
#6 n-Tetradecane (C14)

R.T.: 8.672 min
Delta R.T.: -0.007 min
Response: 2660489
Conc: 18.00 ug/ml



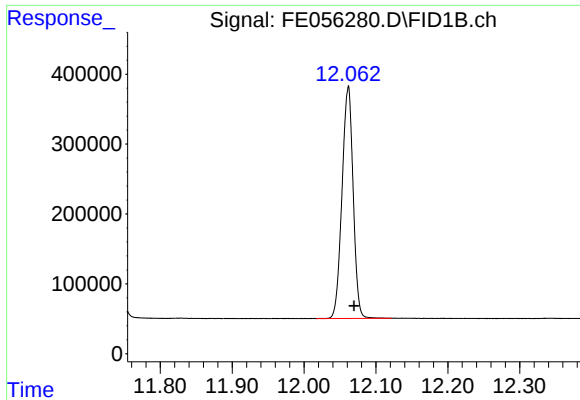
#7 n-Hexadecane (C16)

R.T.: 10.286 min
Delta R.T.: -0.008 min
Response: 3006682
Conc: 18.92 ug/ml



#8 n-Octadecane (C18)

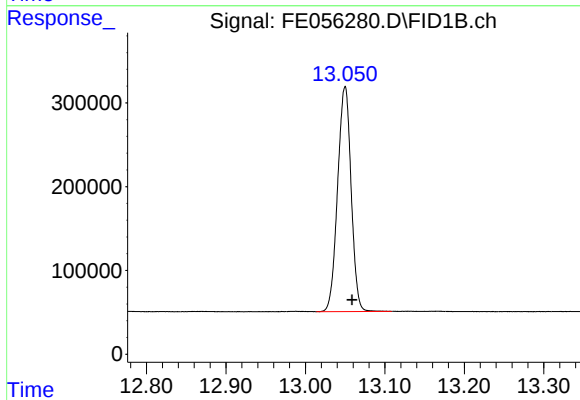
R.T.: 11.735 min
Delta R.T.: -0.009 min
Response: 3252155
Conc: 19.20 ug/ml



#9 ortho-Terphenyl (SURR)

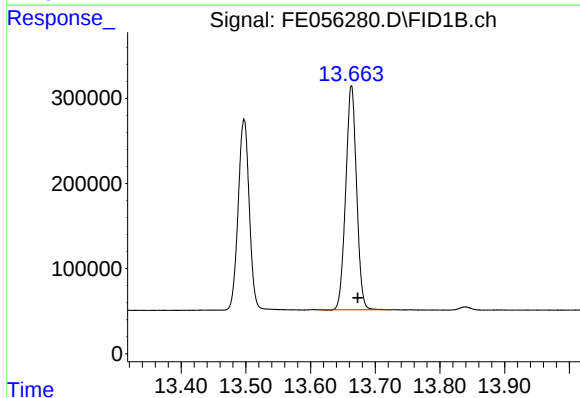
R.T.: 12.061 min
Delta R.T.: -0.008 min
Response: 3566641
Conc: 19.01 ug/ml

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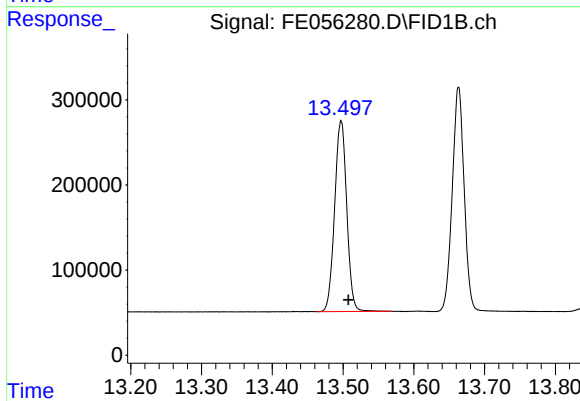
#10 n-Eicosane (C20)

R.T.: 13.050 min
Delta R.T.: -0.009 min
Response: 3171218
Conc: 19.13 ug/ml



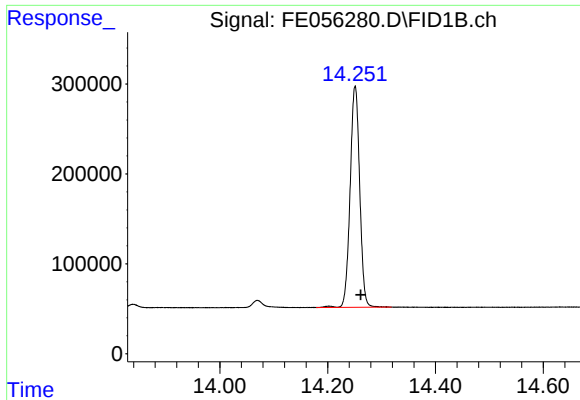
#11 n-Heneicosane (C21)

R.T.: 13.663 min
Delta R.T.: -0.010 min
Response: 3070156
Conc: 18.89 ug/ml



#12 1-chlorooctadecane (SURR)

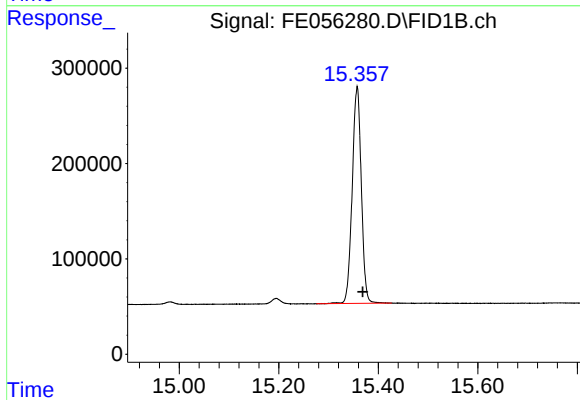
R.T.: 13.497 min
Delta R.T.: -0.010 min
Response: 2667641
Conc: 19.11 ug/ml



#13 n-Docosane (C22)

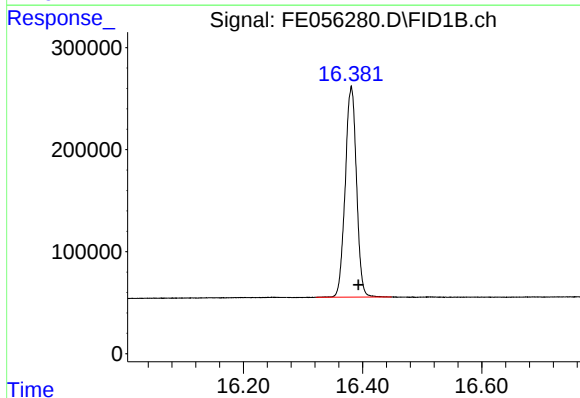
R.T.: 14.251 min
Delta R.T.: -0.011 min
Response: 3029956
Conc: 18.96 ug/ml

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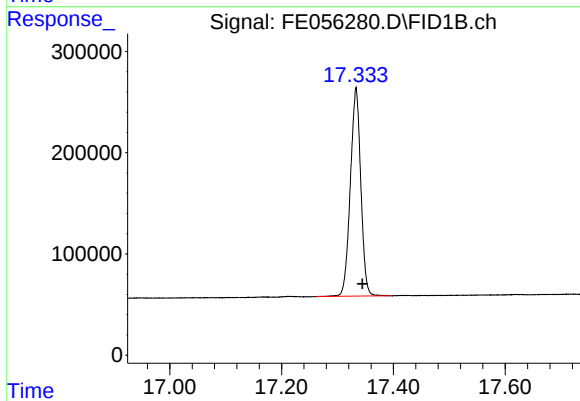
#14 n-Tetracosane (C24)

R.T.: 15.357 min
Delta R.T.: -0.011 min
Response: 2890606
Conc: 18.97 ug/ml



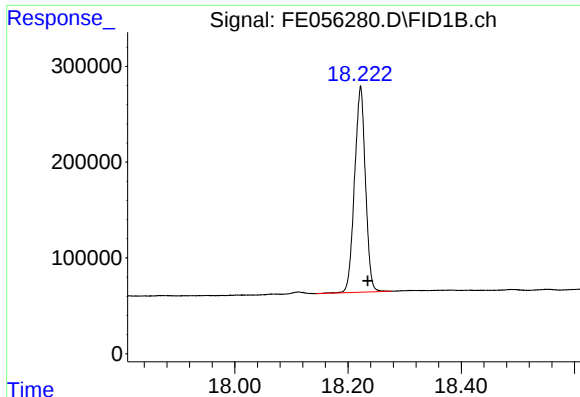
#15 n-Hexacosane (C26)

R.T.: 16.381 min
Delta R.T.: -0.012 min
Response: 2709051
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

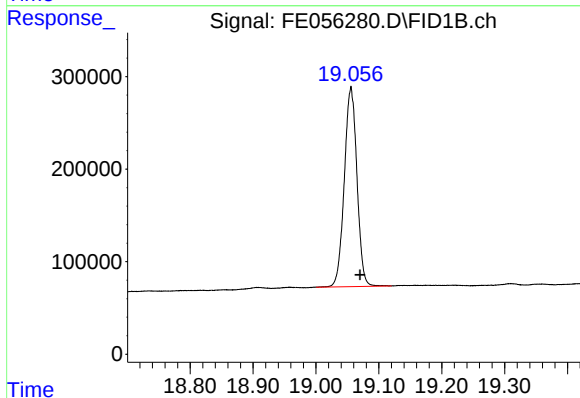
R.T.: 17.333 min
Delta R.T.: -0.012 min
Response: 2666093
Conc: 19.14 ug/ml



#17 n-Tricontane (C30)

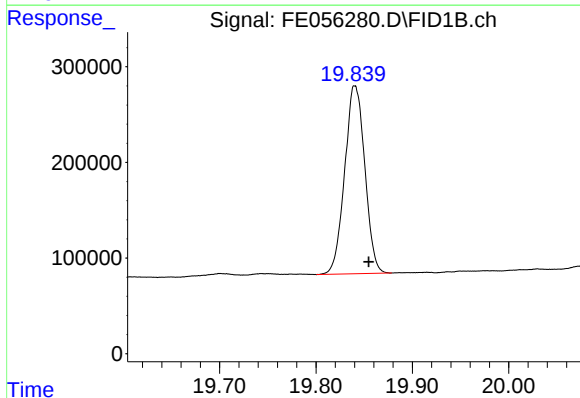
R.T.: 18.222 min
Delta R.T.: -0.013 min
Response: 2864575
Conc: 19.33 ug/ml

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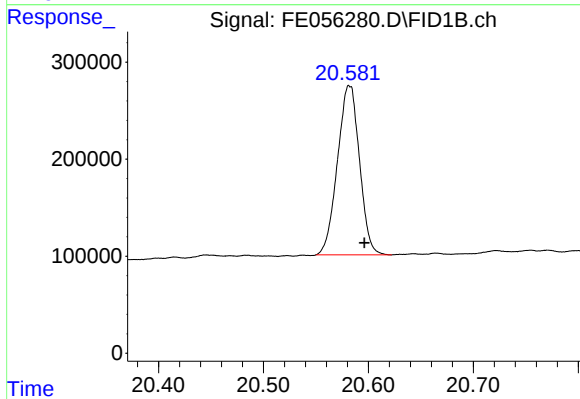
#18 n-Dotriacontane (C32)

R.T.: 19.056 min
Delta R.T.: -0.015 min
Response: 3005048
Conc: 20.14 ug/ml



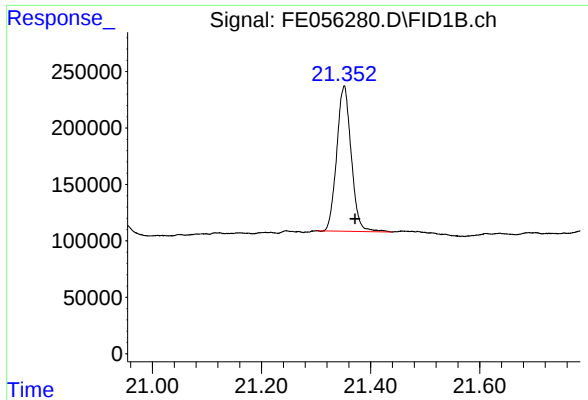
#19 n-Tetratriacontane (C34)

R.T.: 19.841 min
Delta R.T.: -0.014 min
Response: 2848539
Conc: 20.14 ug/ml



#20 n-Hexatriacontane (C36)

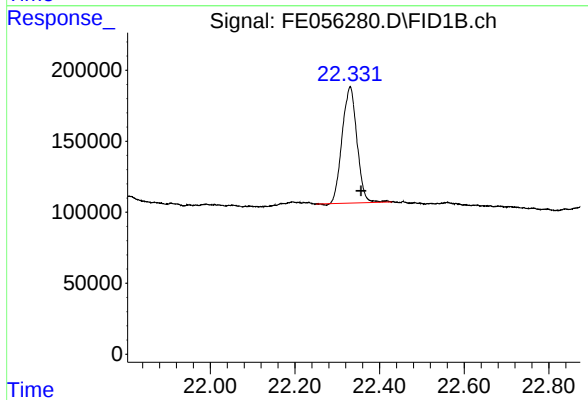
R.T.: 20.582 min
Delta R.T.: -0.014 min
Response: 2541131
Conc: 19.80 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.351 min
Delta R.T.: -0.020 min
Response: 2367936
Conc: 18.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.330 min
Delta R.T.: -0.026 min
Response: 1990614
Conc: 16.73 ug/ml