

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090825AL\
 Data File : FE055728.D
 Signal(s) : FID1B.ch
 Acq On : 08 Sep 2025 20:49
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: sample.E
 Quant Time: Sep 09 01:18:38 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 082925.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 29 08:12:09 2025
 Response via : Initial Calibration
 Integrator: ChemStation

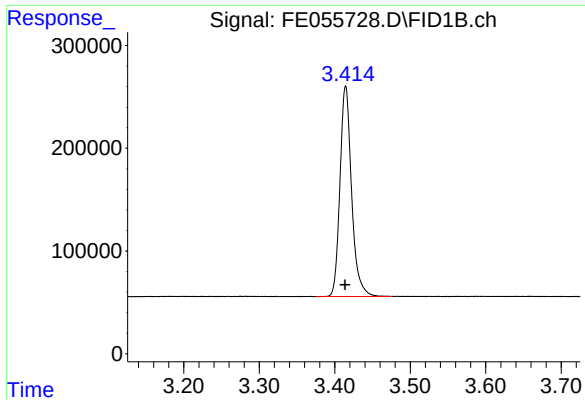
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.079	2932450	17.850 ug/ml
Spiked Amount 50.000		Recovery =	35.70%
12) S 1-chlorooctadecane (S...	13.515	2225156	17.795 ug/ml
Spiked Amount 50.000		Recovery =	35.59%
Target Compounds			
1) T n-Nonane (C9)	3.414	2189296	17.252 ug/ml
2) T n-Decane (C10)	4.674	2308602	18.022 ug/ml
3) T A~Naphthalene (C11.7)	6.394	2574704	17.721 ug/ml
4) T n-Dodecane (C12)	6.849	2356977	18.101 ug/ml
5) T A~2-methylnaphthalene...	7.495	2511519	17.856 ug/ml
6) T n-Tetradecane (C14)	8.687	2388211	18.135 ug/ml
7) T n-Hexadecane (C16)	10.302	2519931	18.195 ug/ml
8) T n-Octadecane (C18)	11.752	2637880	18.085 ug/ml
10) T n-Eicosane (C20)	13.066	2577541	17.906 ug/ml
11) T n-Heneicosane (C21)	13.681	2546515	17.827 ug/ml
13) T n-Docosane (C22)	14.269	2573668	17.980 ug/ml
14) T n-Tetracosane (C24)	15.376	2630962	18.182 ug/ml
15) T n-Hexacosane (C26)	16.401	2591792	18.142 ug/ml
16) T n-Octacosane (C28)	17.353	2659039	18.694 ug/ml
17) T n-Tricontane (C30)	18.242	2917978	19.740 ug/ml
18) T n-Dotriacontane (C32)	19.077	3032186	20.659 ug/ml
19) T n-Tetratriacontane (C34)	19.862	2859415	20.239 ug/ml
20) T n-Hexatriacontane (C36)	20.604	2460880	18.649 ug/ml
21) T n-Octatriacontane (C38)	21.383	2334191	17.922 ug/ml
22) T n-Tetracontane (C40)	22.372	2261210	17.633 ug/ml

(f)=RT Delta > 1/2 Window

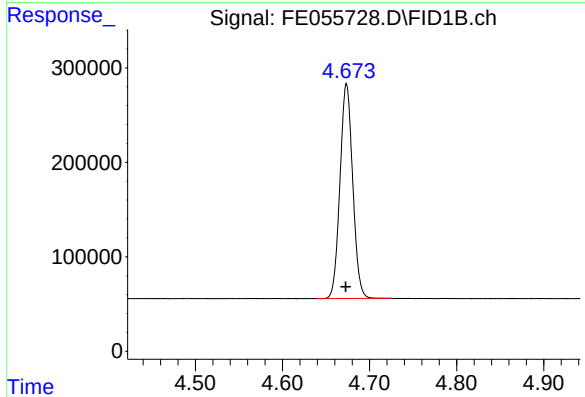
(m)=manual int.



#1 n-Nonane (C9)

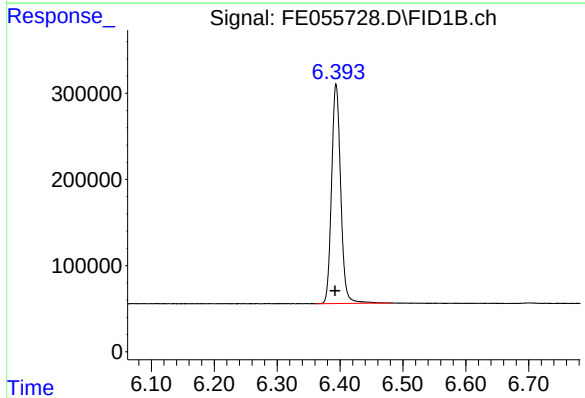
R.T.: 3.414 min
Delta R.T.: 0.000 min
Response: 2189296
Conc: 17.25 ug/ml

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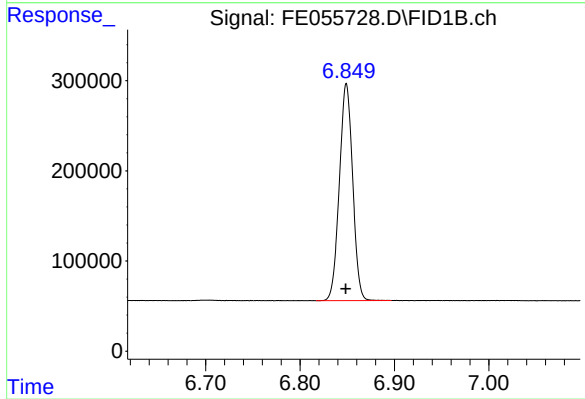
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.000 min
Response: 2308602
Conc: 18.02 ug/ml



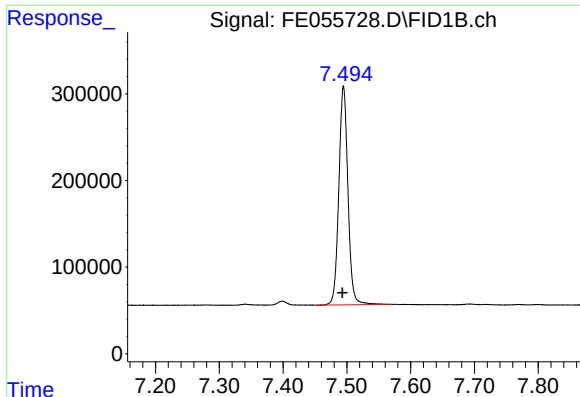
#3 A~Naphthalene (C11.7)

R.T.: 6.394 min
Delta R.T.: 0.002 min
Response: 2574704
Conc: 17.72 ug/ml



#4 n-Dodecane (C12)

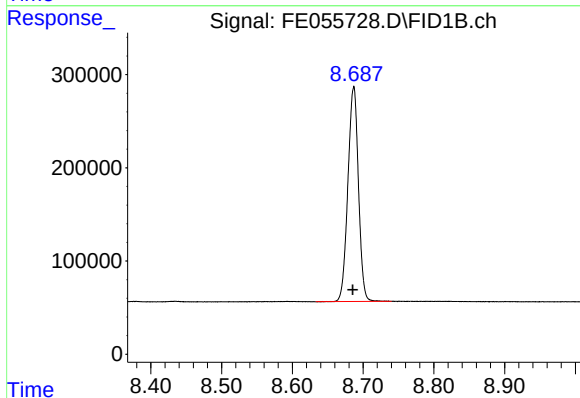
R.T.: 6.849 min
Delta R.T.: 0.000 min
Response: 2356977
Conc: 18.10 ug/ml



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

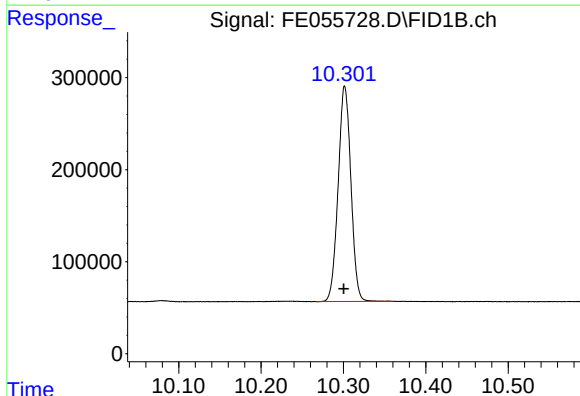
R.T.: 7.495 min
Delta R.T.: 0.002 min
Response: 2511519
Conc: 17.86 ug/ml

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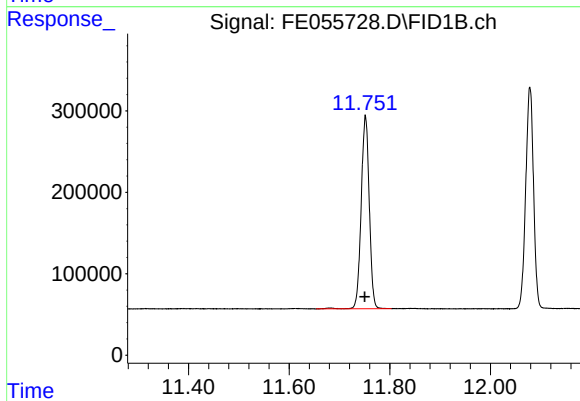
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.001 min
Response: 2388211
Conc: 18.13 ug/ml



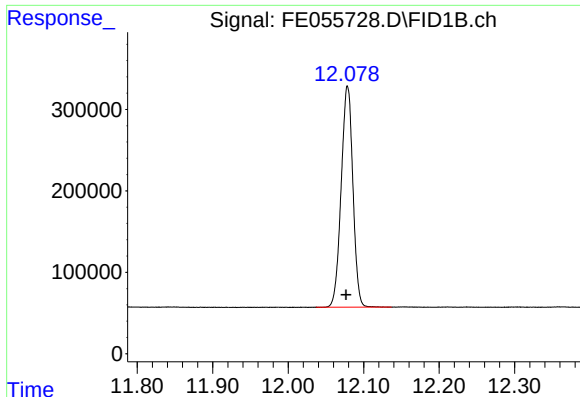
#7 n-Hexadecane (C16)

R.T.: 10.302 min
Delta R.T.: 0.001 min
Response: 2519931
Conc: 18.19 ug/ml



#8 n-Octadecane (C18)

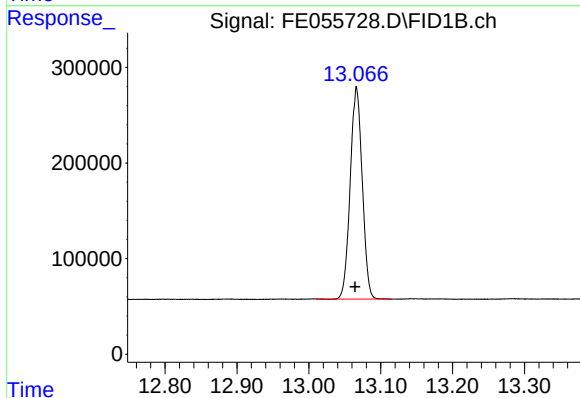
R.T.: 11.752 min
Delta R.T.: 0.001 min
Response: 2637880
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

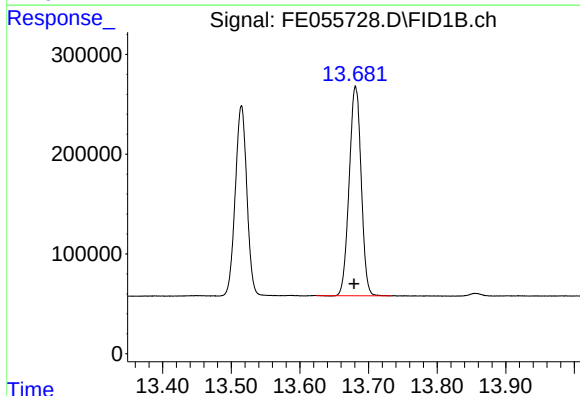
R.T.: 12.079 min
Delta R.T.: 0.002 min
Response: 2932450
Conc: 17.85 ug/ml

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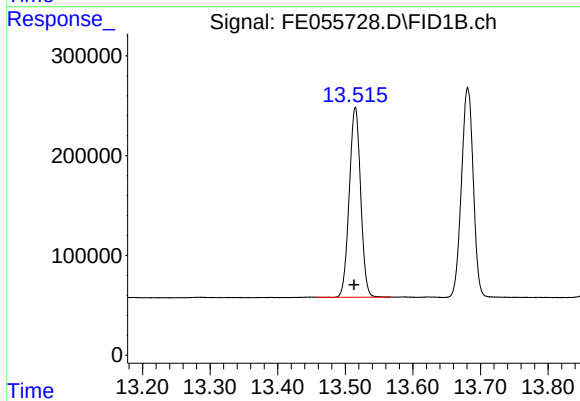
#10 n-Eicosane (C20)

R.T.: 13.066 min
Delta R.T.: 0.002 min
Response: 2577541
Conc: 17.91 ug/ml



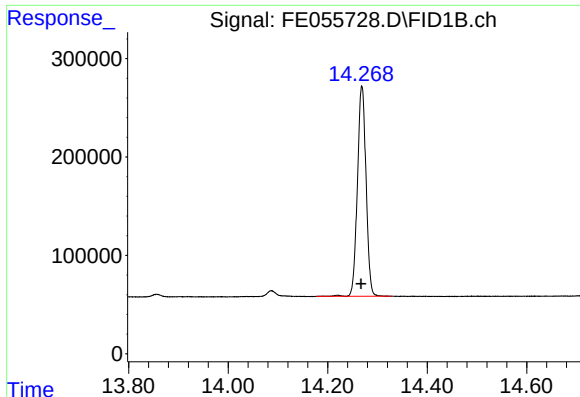
#11 n-Heneicosane (C21)

R.T.: 13.681 min
Delta R.T.: 0.002 min
Response: 2546515
Conc: 17.83 ug/ml



#12 1-chlorooctadecane (SURR)

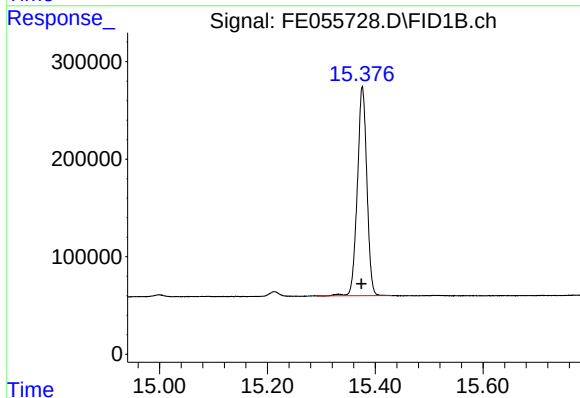
R.T.: 13.515 min
Delta R.T.: 0.002 min
Response: 2225156
Conc: 17.79 ug/ml



#13 n-Docosane (C22)

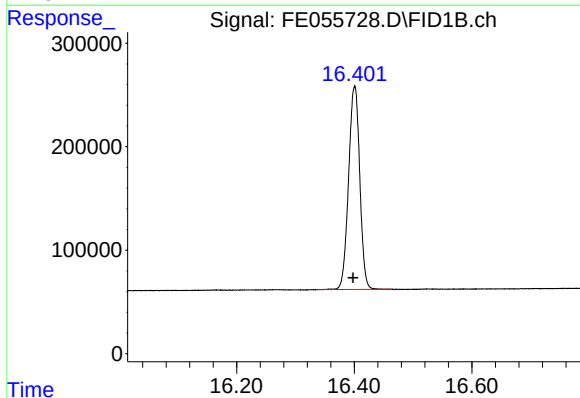
R.T.: 14.269 min
Delta R.T.: 0.001 min
Response: 2573668
Conc: 17.98 ug/ml

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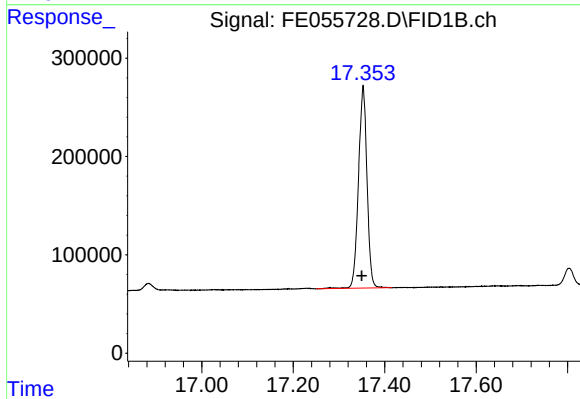
#14 n-Tetracosane (C24)

R.T.: 15.376 min
Delta R.T.: 0.002 min
Response: 2630962
Conc: 18.18 ug/ml



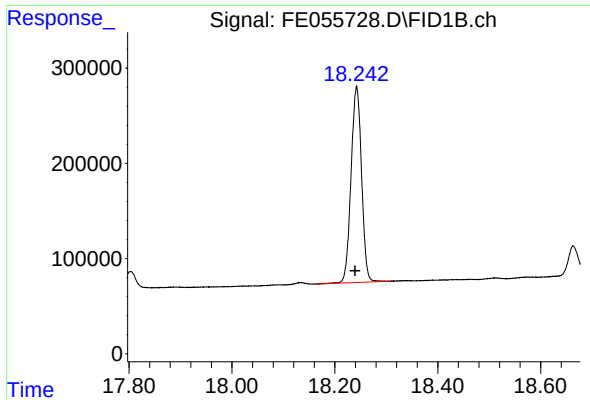
#15 n-Hexacosane (C26)

R.T.: 16.401 min
Delta R.T.: 0.002 min
Response: 2591792
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

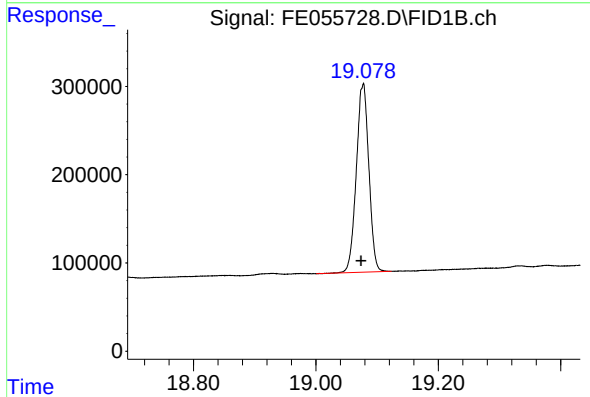
R.T.: 17.353 min
Delta R.T.: 0.003 min
Response: 2659039
Conc: 18.69 ug/ml



#17 n-Tricontane (C30)

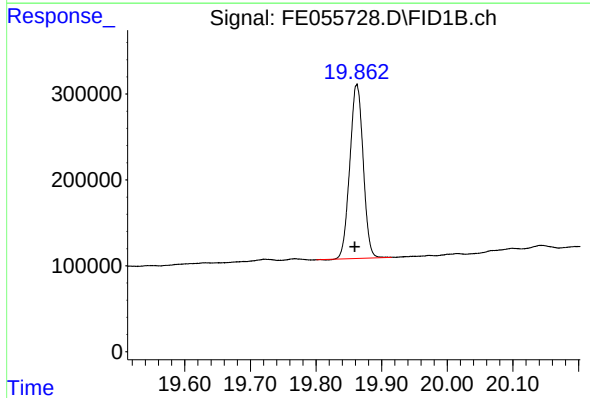
R.T.: 18.242 min
Delta R.T.: 0.003 min
Response: 2917978
Conc: 19.74 ug/ml

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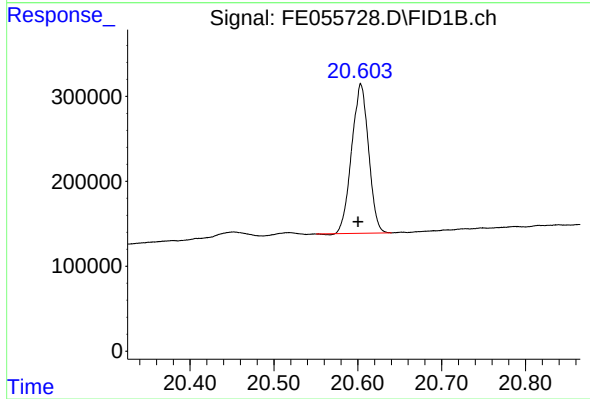
#18 n-Dotriacontane (C32)

R.T.: 19.077 min
Delta R.T.: 0.003 min
Response: 3032186
Conc: 20.66 ug/ml



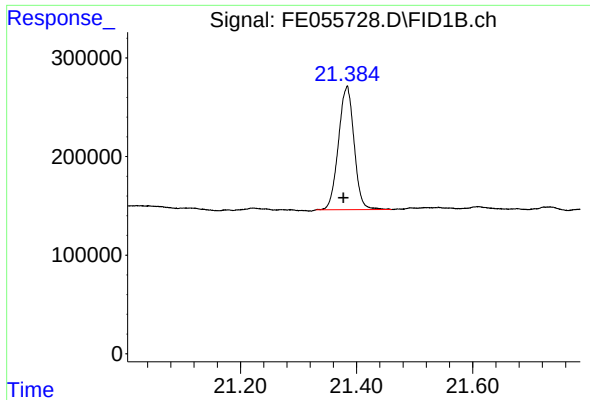
#19 n-Tetratriacontane (C34)

R.T.: 19.862 min
Delta R.T.: 0.003 min
Response: 2859415
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

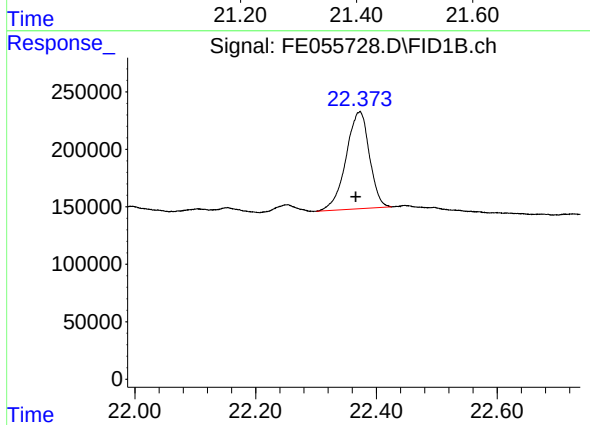
R.T.: 20.604 min
Delta R.T.: 0.003 min
Response: 2460880
Conc: 18.65 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.383 min
Delta R.T.: 0.006 min
Response: 2334191
Conc: 17.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.372 min
Delta R.T.: 0.006 min
Response: 2261210
Conc: 17.63 ug/ml