

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090525AL\
 Data File : FE055706.D
 Signal(s) : FID1B.ch
 Acq On : 06 Sep 2025 02:50
 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 06 03:55:14 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

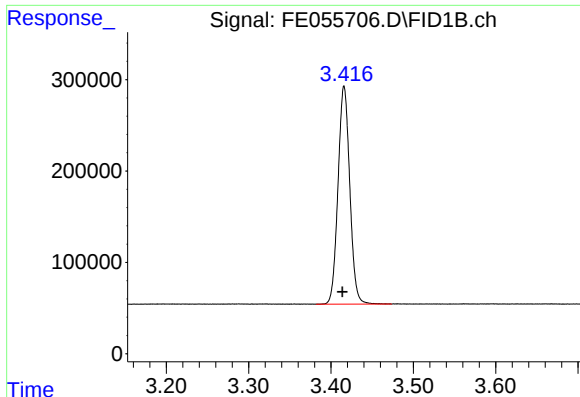
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	12.080	3100906	18.875 ug/ml
Spiked Amount 50.000		Recovery =	37.75%
12) S 1-chlorooctadecane (S...	13.517	2352476	18.813 ug/ml
Spiked Amount 50.000		Recovery =	37.63%
Target Compounds			
1) T n-Nonane (C9)	3.416	2364734	18.634 ug/ml
2) T n-Decane (C10)	4.674	2449907	19.125 ug/ml
3) T A~Naphthalene (C11.7)	6.395	2745555	18.897 ug/ml
4) T n-Dodecane (C12)	6.850	2509303	19.271 ug/ml
5) T A~2-methylnaphthalene...	7.496	2675989	19.026 ug/ml
6) T n-Tetradecane (C14)	8.687	2552583	19.383 ug/ml
7) T n-Hexadecane (C16)	10.303	2693471	19.448 ug/ml
8) T n-Octadecane (C18)	11.754	2810996	19.272 ug/ml
10) T n-Eicosane (C20)	13.069	2731365	18.975 ug/ml
11) T n-Heneicosane (C21)	13.684	2691706	18.844 ug/ml
13) T n-Docosane (C22)	14.272	2700346	18.864 ug/ml
14) T n-Tetracosane (C24)	15.379	2742526	18.953 ug/ml
15) T n-Hexacosane (C26)	16.403	2701516	18.910 ug/ml
16) T n-Octacosane (C28)	17.355	2732738	19.213 ug/ml
17) T n-Tricontane (C30)	18.246	2960409	20.027 ug/ml
18) T n-Dotriacontane (C32)	19.078	3051497	20.790 ug/ml
19) T n-Tetratriacontane (C34)	19.865	2879628	20.382 ug/ml
20) T n-Hexatriacontane (C36)	20.607	2992667	22.679 ug/ml
21) T n-Octatriacontane (C38)	21.386	3043929	23.372 ug/ml
22) T n-Tetracontane (C40)	22.377	2213960	17.264 ug/ml

(f)=RT Delta > 1/2 Window

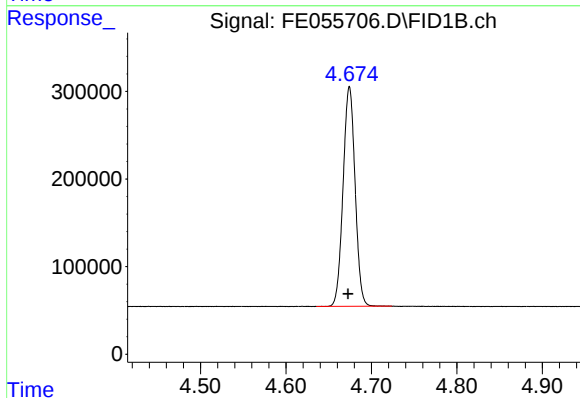
(m)=manual int.



#1 n-Nonane (C9)

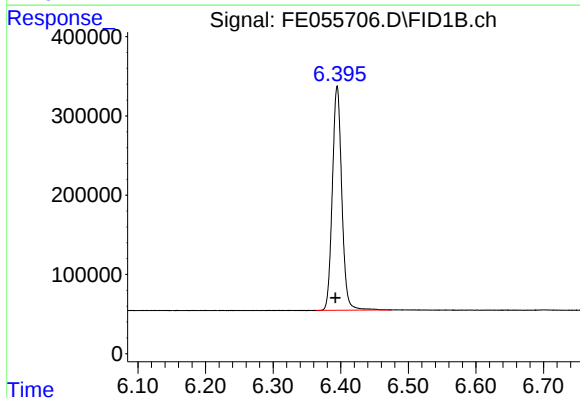
R.T.: 3.416 min
Delta R.T.: 0.002 min
Response: 2364734
Conc: 18.63 ug/ml

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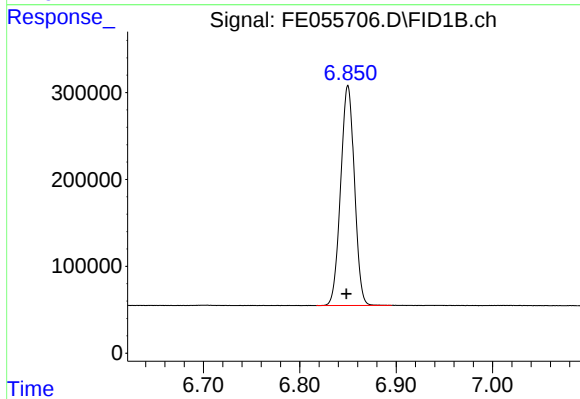
#2 n-Decane (C10)

R.T.: 4.674 min
Delta R.T.: 0.002 min
Response: 2449907
Conc: 19.13 ug/ml



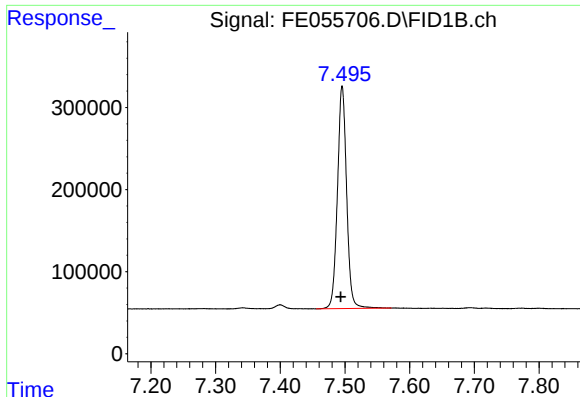
#3 A~Naphthalene (C11.7)

R.T.: 6.395 min
Delta R.T.: 0.003 min
Response: 2745555
Conc: 18.90 ug/ml



#4 n-Dodecane (C12)

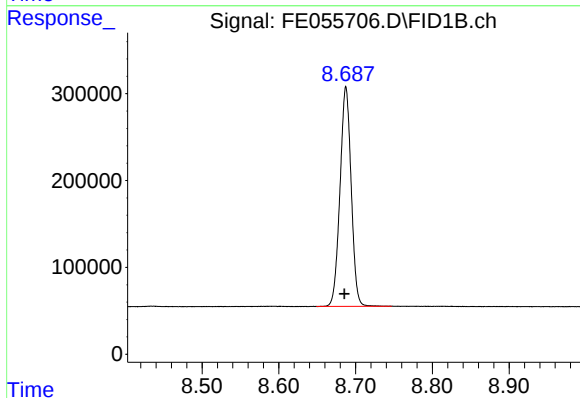
R.T.: 6.850 min
Delta R.T.: 0.002 min
Response: 2509303
Conc: 19.27 ug/ml



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

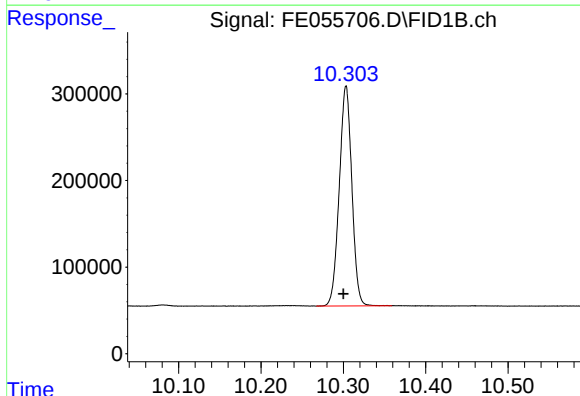
R.T.: 7.496 min
Delta R.T.: 0.003 min
Response: 2675989
Conc: 19.03 ug/ml

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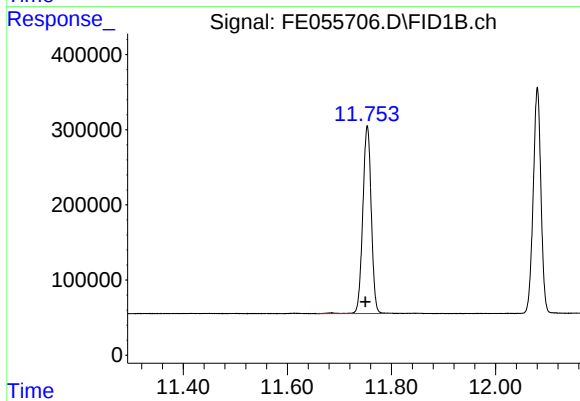
#6 n-Tetradecane (C14)

R.T.: 8.687 min
Delta R.T.: 0.002 min
Response: 2552583
Conc: 19.38 ug/ml



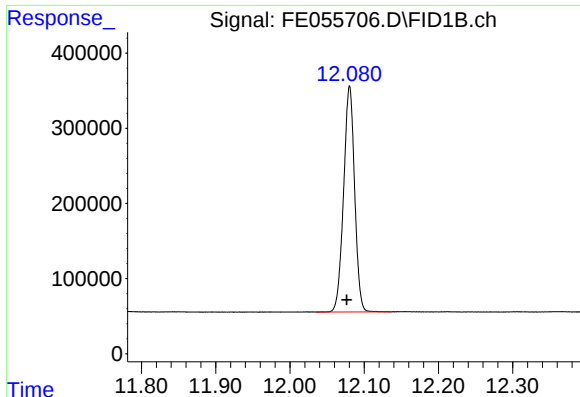
#7 n-Hexadecane (C16)

R.T.: 10.303 min
Delta R.T.: 0.003 min
Response: 2693471
Conc: 19.45 ug/ml



#8 n-Octadecane (C18)

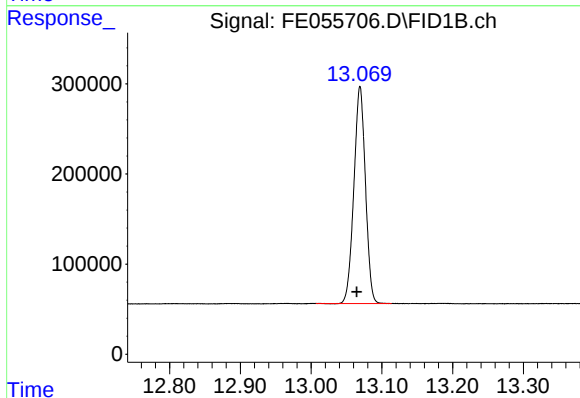
R.T.: 11.754 min
Delta R.T.: 0.003 min
Response: 2810996
Conc: 19.27 ug/ml



#9 ortho-Terphenyl (SURR)

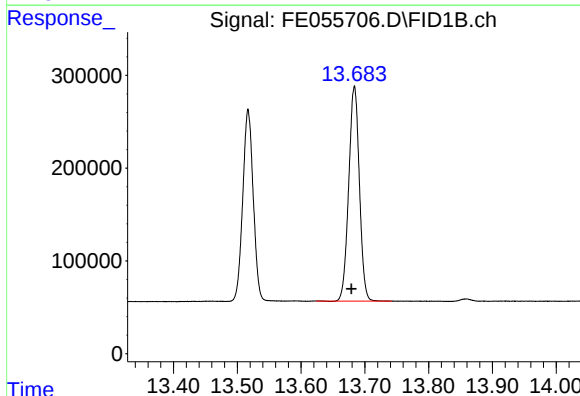
R.T.: 12.080 min
Delta R.T.: 0.004 min
Response: 3100906
Conc: 18.88 ug/ml

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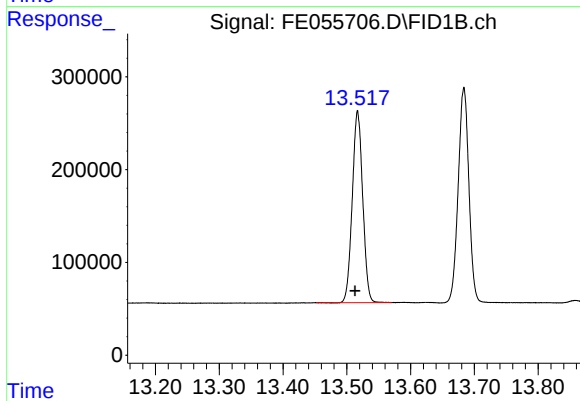
#10 n-Eicosane (C20)

R.T.: 13.069 min
Delta R.T.: 0.005 min
Response: 2731365
Conc: 18.97 ug/ml



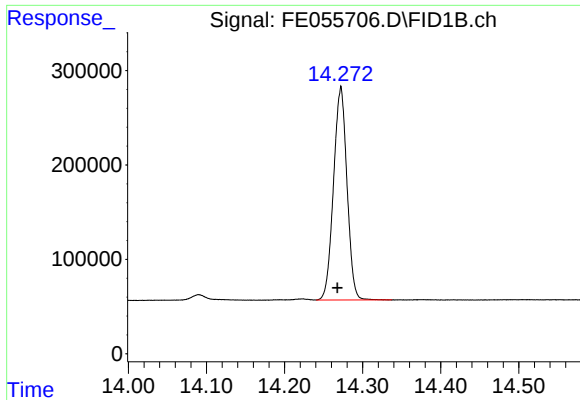
#11 n-Heneicosane (C21)

R.T.: 13.684 min
Delta R.T.: 0.005 min
Response: 2691706
Conc: 18.84 ug/ml



#12 1-chlorooctadecane (SURR)

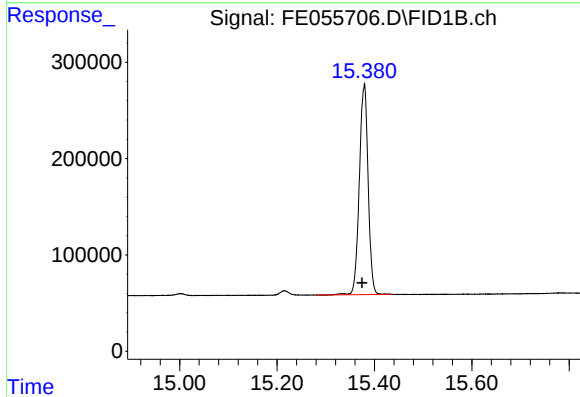
R.T.: 13.517 min
Delta R.T.: 0.004 min
Response: 2352476
Conc: 18.81 ug/ml



#13 n-Docosane (C22)

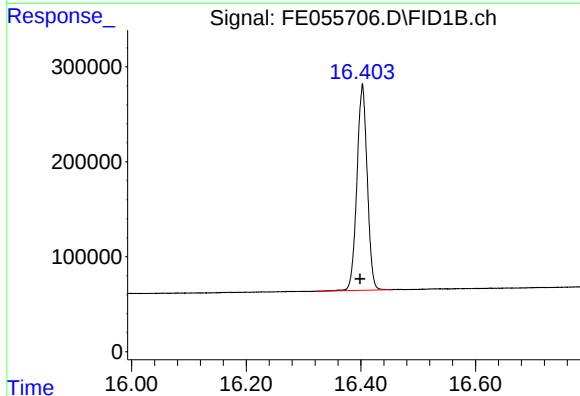
R.T.: 14.272 min
Delta R.T.: 0.005 min
Response: 2700346
Conc: 18.86 ug/ml

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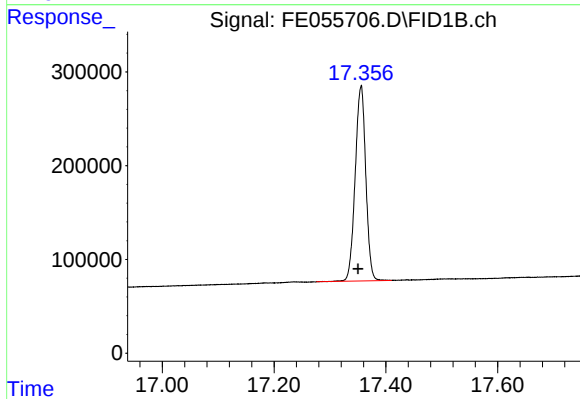
#14 n-Tetracosane (C24)

R.T.: 15.379 min
Delta R.T.: 0.004 min
Response: 2742526
Conc: 18.95 ug/ml



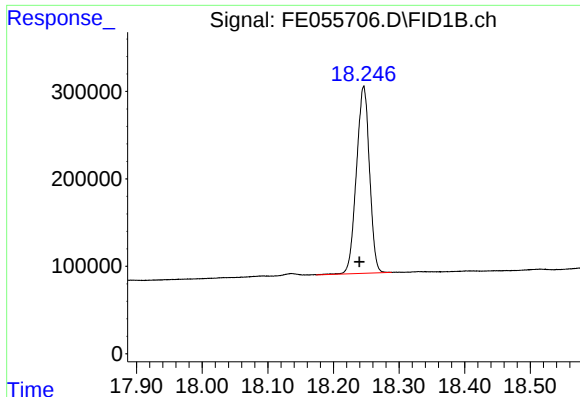
#15 n-Hexacosane (C26)

R.T.: 16.403 min
Delta R.T.: 0.004 min
Response: 2701516
Conc: 18.91 ug/ml



#16 n-Octacosane (C28)

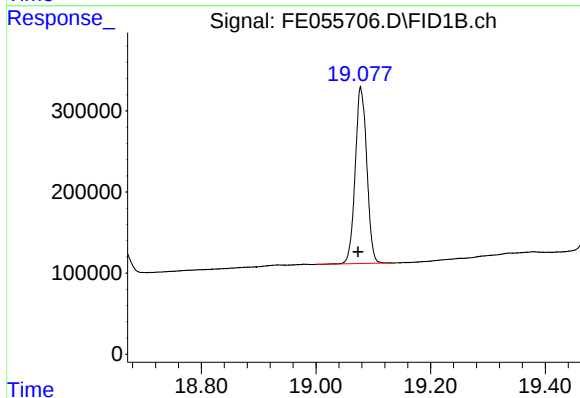
R.T.: 17.355 min
Delta R.T.: 0.005 min
Response: 2732738
Conc: 19.21 ug/ml



#17 n-Tricontane (C30)

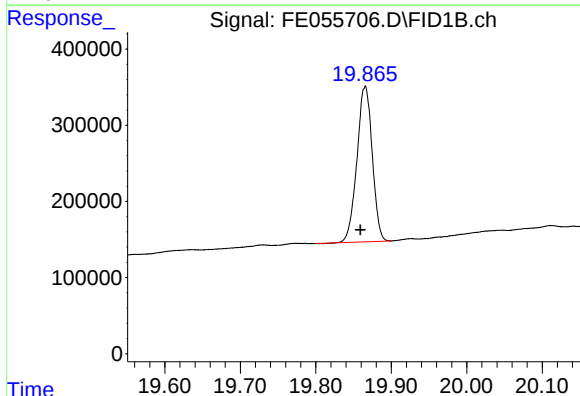
R.T.: 18.246 min
Delta R.T.: 0.006 min
Response: 2960409
Conc: 20.03 ug/ml

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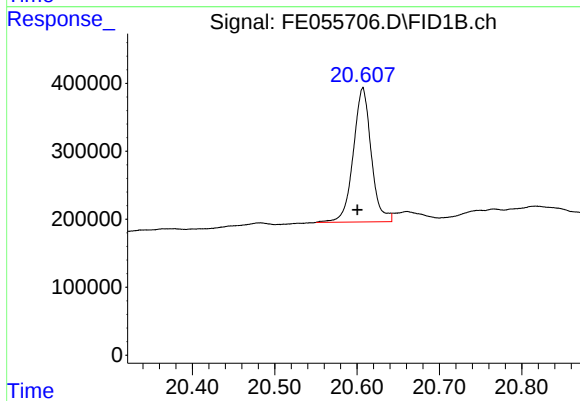
#18 n-Dotriacontane (C32)

R.T.: 19.078 min
Delta R.T.: 0.005 min
Response: 3051497
Conc: 20.79 ug/ml



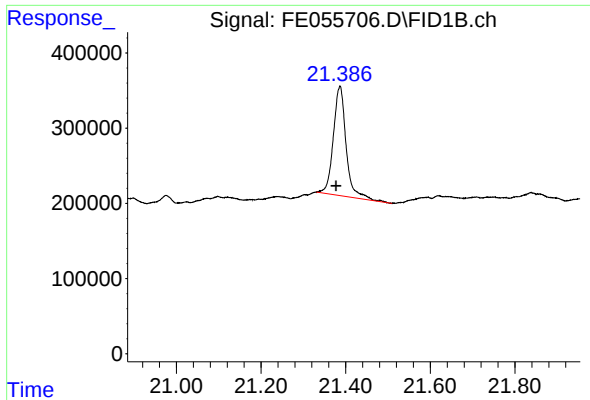
#19 n-Tetratriacontane (C34)

R.T.: 19.865 min
Delta R.T.: 0.006 min
Response: 2879628
Conc: 20.38 ug/ml



#20 n-Hexatriacontane (C36)

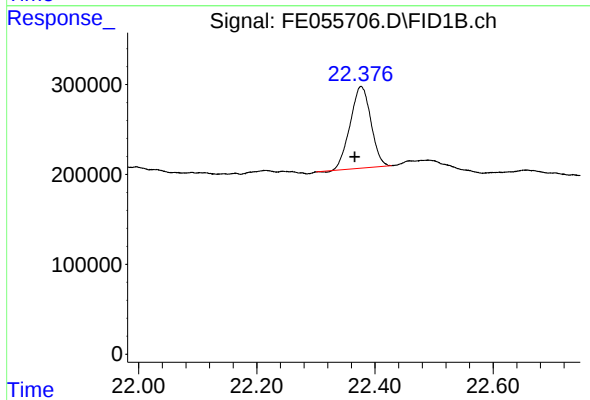
R.T.: 20.607 min
Delta R.T.: 0.006 min
Response: 2992667
Conc: 22.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.386 min
Delta R.T.: 0.009 min
Response: 3043929
Conc: 23.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.377 min
Delta R.T.: 0.011 min
Response: 2213960
Conc: 17.26 ug/ml