

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040925AL\
 Data File : FE053274.D
 Signal(s) : FID1B.ch
 Acq On : 09 Apr 2025 11:40
 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: Apr 10 02:58:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.885	2906593	17.845 ug/ml
Spiked Amount 50.000		Recovery =	35.69%
12) S 1-chlorooctadecane (S...	13.330	2241425	18.672 ug/ml
Spiked Amount 50.000		Recovery =	37.34%
Target Compounds			
1) T n-Nonane (C9)	3.235	2689597	17.370 ug/ml
2) T n-Decane (C10)	4.495	2843103	18.125 ug/ml
3) T A~Naphthalene (C11.7)	6.206	2987734	17.785 ug/ml
4) T n-Dodecane (C12)	6.674	2867925	18.337 ug/ml
5) T A~2-methylnaphthalene...	7.308	2861181	17.932 ug/ml
6) T n-Tetradecane (C14)	8.510	2827439	18.466 ug/ml
7) T n-Hexadecane (C16)	10.123	2874049	18.645 ug/ml
8) T n-Octadecane (C18)	11.571	2830033	18.660 ug/ml
10) T n-Eicosane (C20)	12.884	2667836	18.712 ug/ml
11) T n-Heneicosane (C21)	13.498	2567561	18.502 ug/ml
13) T n-Docosane (C22)	14.085	2595178	18.949 ug/ml
14) T n-Tetracosane (C24)	15.192	2721601	20.151 ug/ml
15) T n-Hexacosane (C26)	16.215	2758553	20.678 ug/ml
16) T n-Octacosane (C28)	17.167	2844661	21.556 ug/ml
17) T n-Tricontane (C30)	18.056	2968570	21.902 ug/ml
18) T n-Dotriacontane (C32)	18.890	2917284	21.680 ug/ml
19) T n-Tetratriacontane (C34)	19.675	2597067	20.071 ug/ml
20) T n-Hexatriacontane (C36)	20.416	2208829	18.594 ug/ml
21) T n-Octatriacontane (C38)	21.153	1954374	17.004 ug/ml
22) T n-Tetracontane (C40)	22.062	1754386	15.620 ug/ml

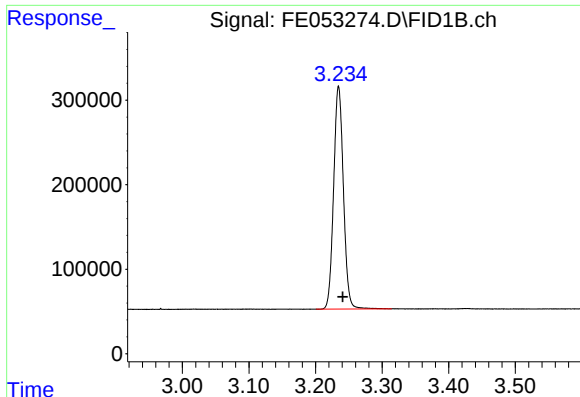
(f)=RT Delta > 1/2 Window

(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

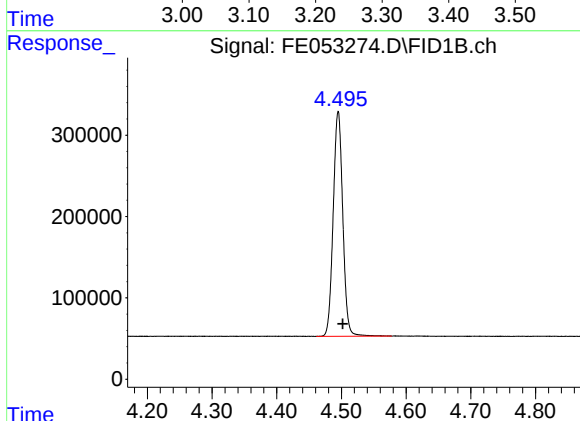




#1 n-Nonane (C9)

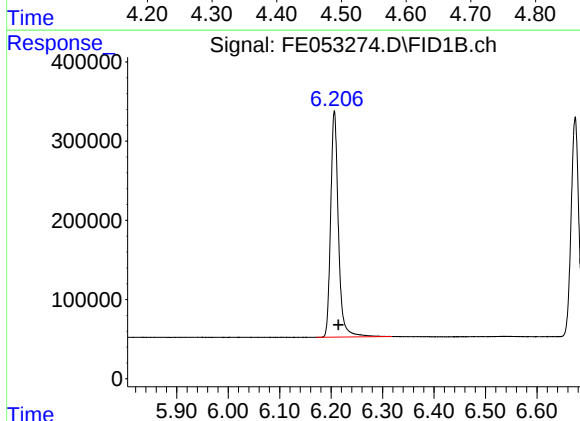
R.T.: 3.235 min
Delta R.T.: -0.006 min
Response: 2689597
Conc: 17.37 ug/ml

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20 PPM ALIPHATIC HC STD



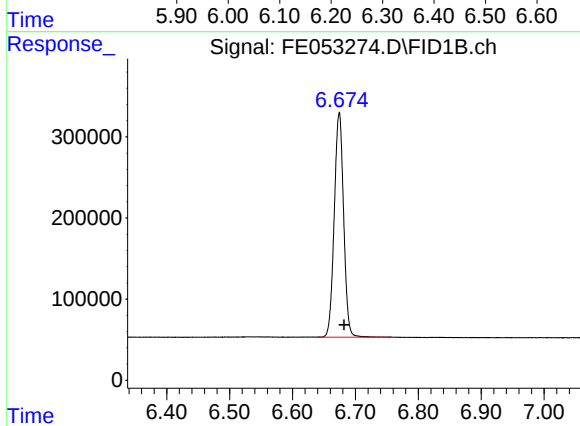
#2 n-Decane (C10)

R.T.: 4.495 min
Delta R.T.: -0.007 min
Response: 2843103
Conc: 18.13 ug/ml



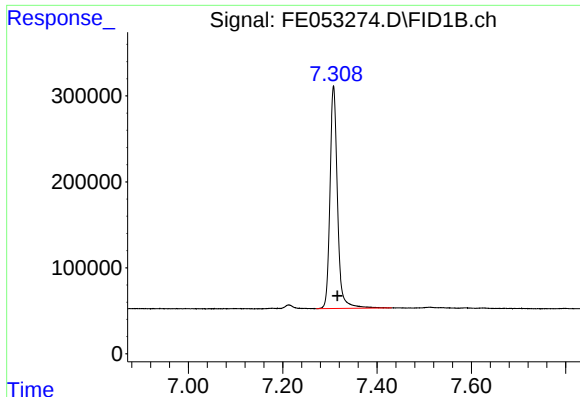
#3 A~Naphthalene (C11.7)

R.T.: 6.206 min
Delta R.T.: -0.008 min
Response: 2987734
Conc: 17.79 ug/ml



#4 n-Dodecane (C12)

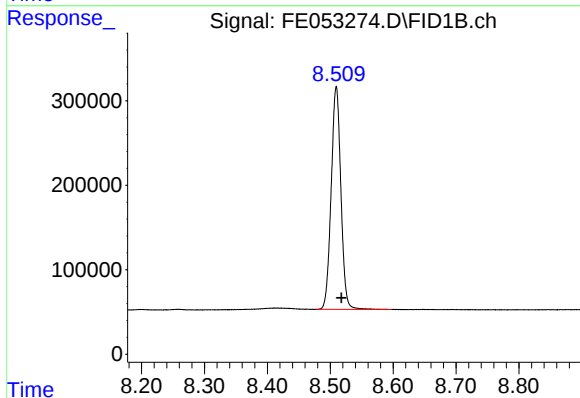
R.T.: 6.674 min
Delta R.T.: -0.008 min
Response: 2867925
Conc: 18.34 ug/ml



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

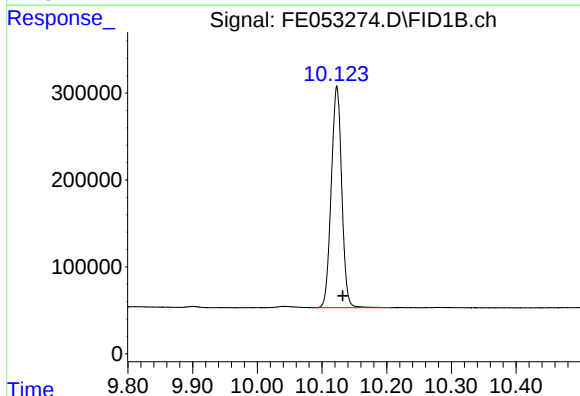
R.T.: 7.308 min
Delta R.T.: -0.008 min
Response: 2861181
Conc: 17.93 ug/ml

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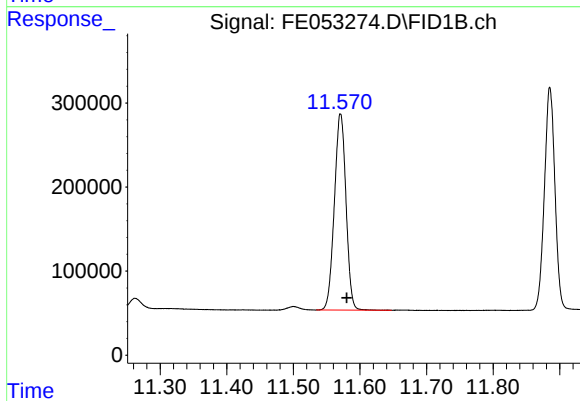
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.008 min
Response: 2827439
Conc: 18.47 ug/ml



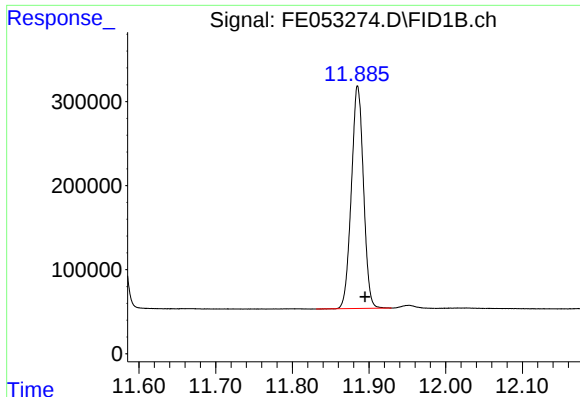
#7 n-Hexadecane (C16)

R.T.: 10.123 min
Delta R.T.: -0.009 min
Response: 2874049
Conc: 18.64 ug/ml



#8 n-Octadecane (C18)

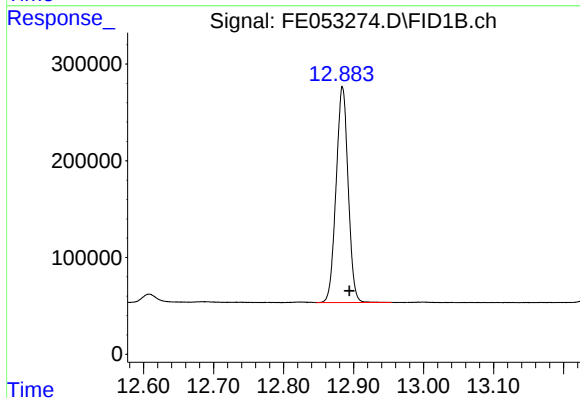
R.T.: 11.571 min
Delta R.T.: -0.009 min
Response: 2830033
Conc: 18.66 ug/ml



#9 ortho-Terphenyl (SURR)

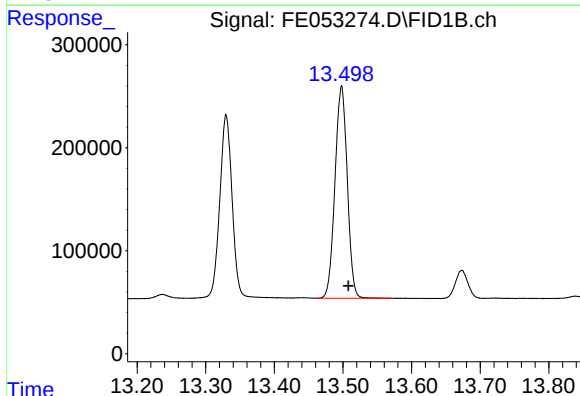
R.T.: 11.885 min
Delta R.T.: -0.010 min
Response: 2906593
Conc: 17.84 ug/ml

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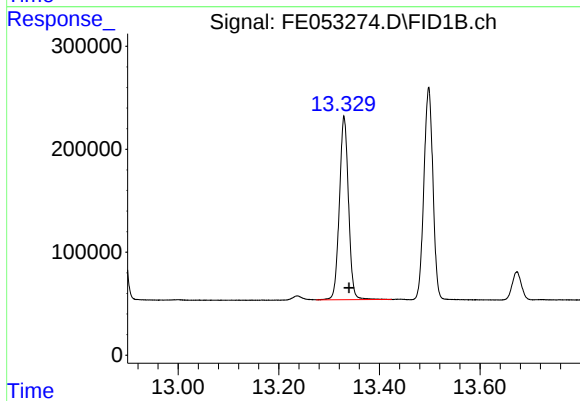
#10 n-Eicosane (C20)

R.T.: 12.884 min
Delta R.T.: -0.010 min
Response: 2667836
Conc: 18.71 ug/ml



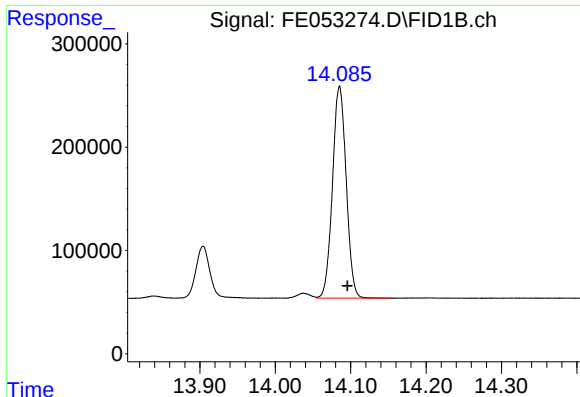
#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.010 min
Response: 2567561
Conc: 18.50 ug/ml



#12 1-chlorooctadecane (SURR)

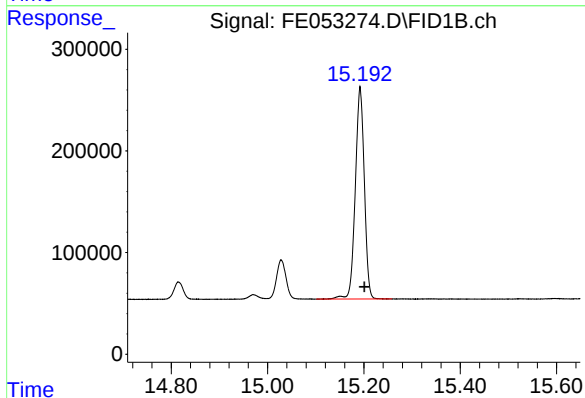
R.T.: 13.330 min
Delta R.T.: -0.010 min
Response: 2241425
Conc: 18.67 ug/ml



#13 n-Docosane (C22)

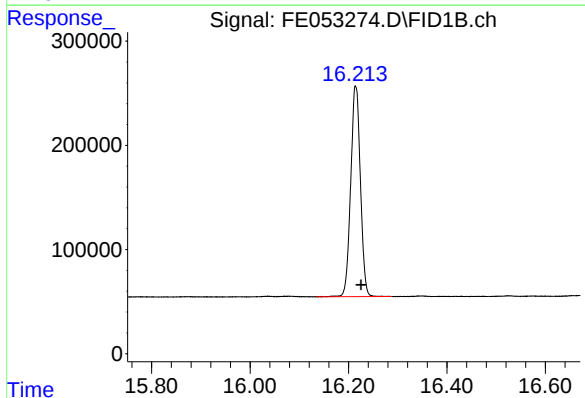
R.T.: 14.085 min
Delta R.T.: -0.010 min
Response: 2595178
Conc: 18.95 ug/ml

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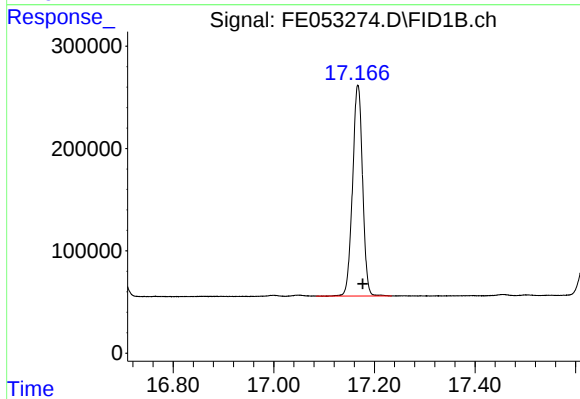
#14 n-Tetracosane (C24)

R.T.: 15.192 min
Delta R.T.: -0.009 min
Response: 2721601
Conc: 20.15 ug/ml



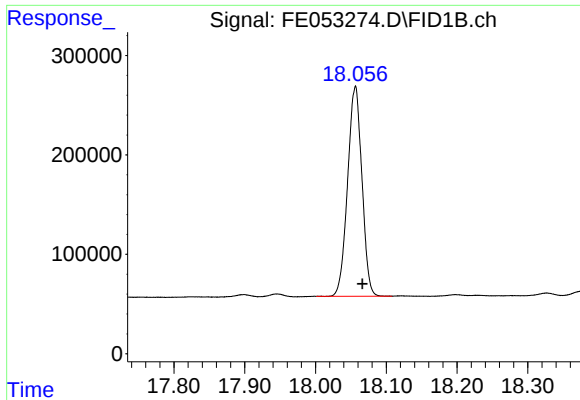
#15 n-Hexacosane (C26)

R.T.: 16.215 min
Delta R.T.: -0.011 min
Response: 2758553
Conc: 20.68 ug/ml



#16 n-Octacosane (C28)

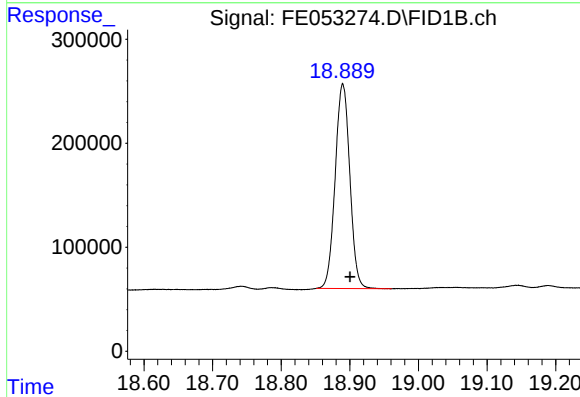
R.T.: 17.167 min
Delta R.T.: -0.009 min
Response: 2844661
Conc: 21.56 ug/ml



#17 n-Tricontane (C30)

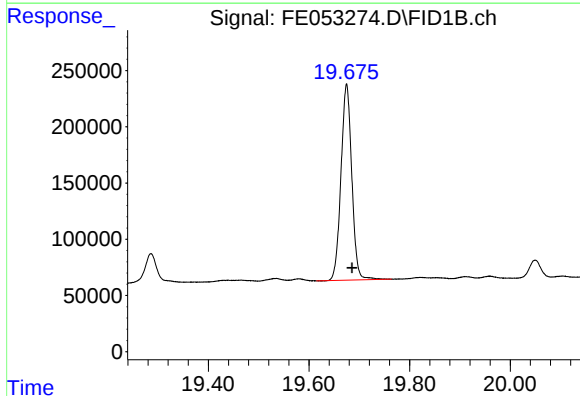
R.T.: 18.056 min
Delta R.T.: -0.010 min
Response: 2968570
Conc: 21.90 ug/ml

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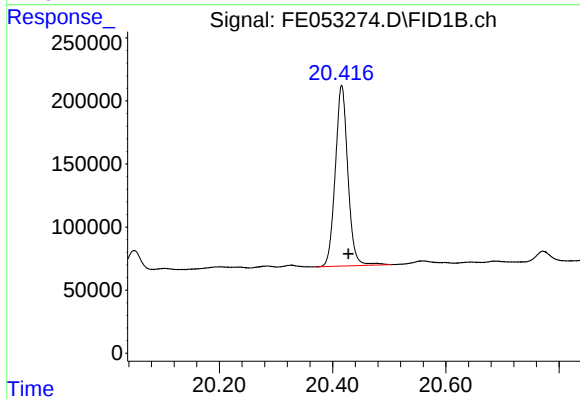
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.011 min
Response: 2917284
Conc: 21.68 ug/ml



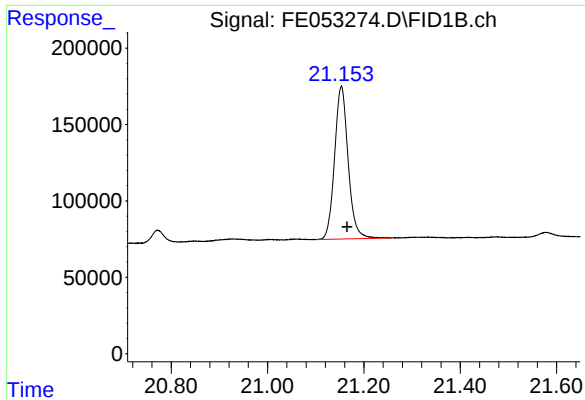
#19 n-Tetratriacontane (C34)

R.T.: 19.675 min
Delta R.T.: -0.011 min
Response: 2597067
Conc: 20.07 ug/ml



#20 n-Hexatriacontane (C36)

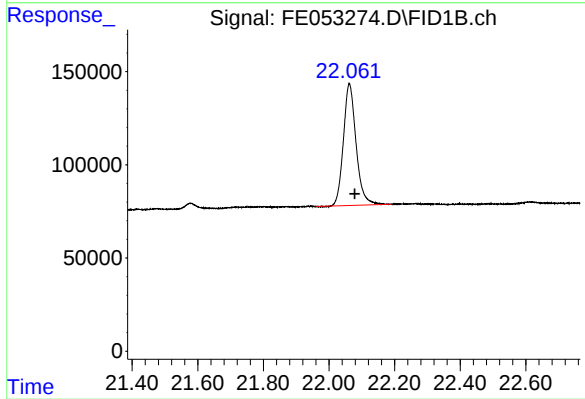
R.T.: 20.416 min
Delta R.T.: -0.012 min
Response: 2208829
Conc: 18.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.012 min
Response: 1954374
Conc: 17.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.062 min
Delta R.T.: -0.016 min
Response: 1754386
Conc: 15.62 ug/ml