

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_G\Data\FG121223AL\
 Data File : FG013281.D
 Signal(s) : FID1A.ch
 Acq On : 12 Dec 2023 12:40
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_G
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 12 13:05:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 121223.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 12 11:26:45 2023
 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)	11.977	2887440	23.206 ug/ml
Spiked Amount 50.000		Recovery =	46.41%
12) S 1-chlorooctadecane (S...	13.416	2069892	23.034 ug/ml
Spiked Amount 50.000		Recovery =	46.07%
Target Compounds			
1) T n-Nonane (C9)	3.330	2408152	23.168 ug/ml
2) T n-Decane (C10)	4.585	2456649	23.501 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2628355	23.594 ug/ml
4) T n-Dodecane (C12)	6.759	2460663	23.582 ug/ml
5) T A~2-methylnaphthalene...	7.398	2566613	23.934 ug/ml
6) T n-Tetradecane (C14)	8.594	2400444	23.538 ug/ml
7) T n-Hexadecane (C16)	10.207	2435365	23.403 ug/ml
8) T n-Octadecane (C18)	11.655	2458716	23.237 ug/ml
10) T n-Eicosane (C20)	12.969	2382247	23.075 ug/ml
11) T n-Heneicosane (C21)	13.582	2343602	23.018 ug/ml
13) T n-Docosane (C22)	14.171	2334363	22.892 ug/ml
14) T n-Tetracosane (C24)	15.276	2368633	22.232 ug/ml
15) T n-Hexacosane (C26)	16.300	2285627	22.313 ug/ml
16) T n-Octacosane (C28)	17.251	2250181	22.009 ug/ml
17) T n-Tricontane (C30)	18.141	2277542	21.663 ug/ml
18) T n-Dotriacontane (C32)	18.975	2240448	21.291 ug/ml
19) T n-Tetratriacontane (C34)	19.759	2096889	20.765 ug/ml
20) T n-Hexatriacontane (C36)	20.499	1955268	19.592 ug/ml
21) T n-Octatriacontane (C38)	21.254	1716244	17.674 ug/ml
22) T n-Tetracontane (C40)	22.202	1441582	15.400 ug/ml

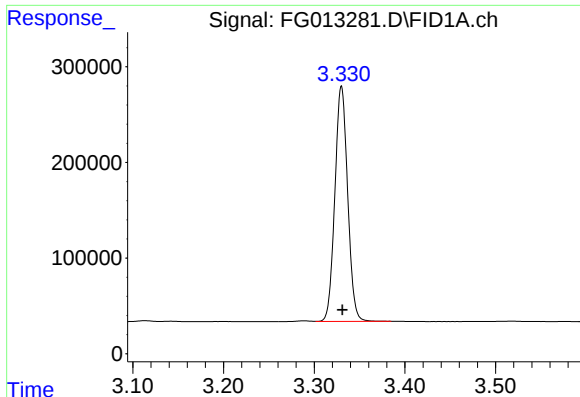
(f)=RT Delta > 1/2 Window

(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

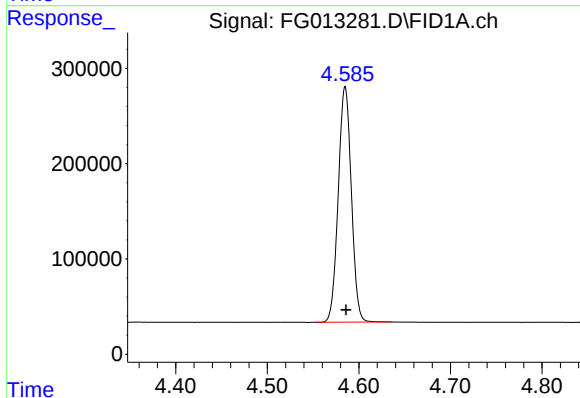




#1 n-Nonane (C9)

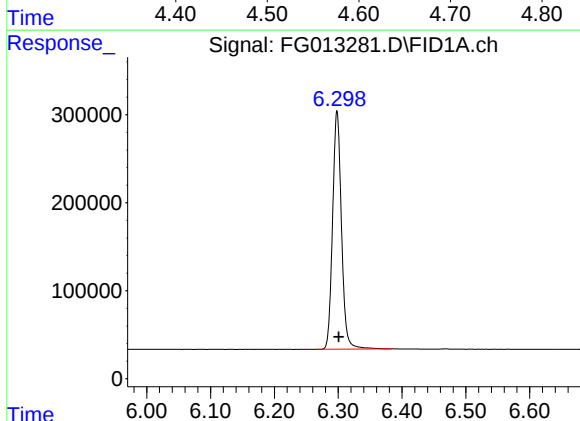
R.T.: 3.330 min
Delta R.T.: 0.000 min
Response: 2408152
Conc: 23.17 ug/ml

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20 PPM ALIPHATIC HC STD



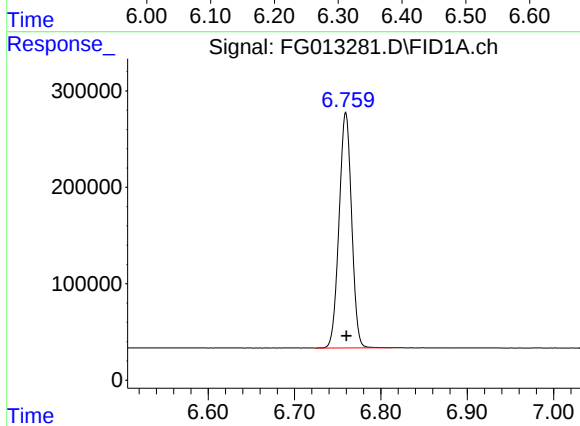
#2 n-Decane (C10)

R.T.: 4.585 min
Delta R.T.: -0.001 min
Response: 2456649
Conc: 23.50 ug/ml



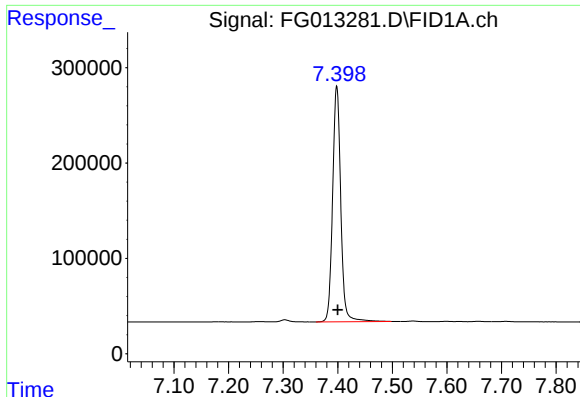
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.002 min
Response: 2628355
Conc: 23.59 ug/ml



#4 n-Dodecane (C12)

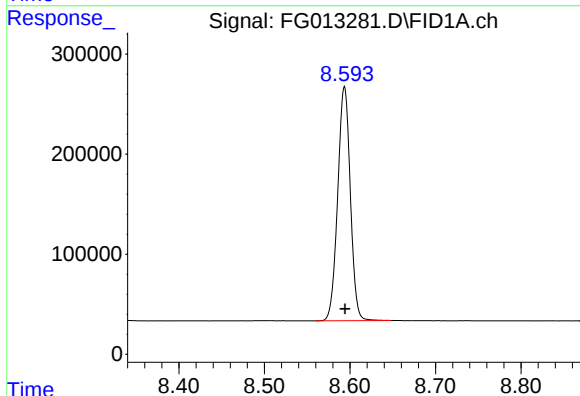
R.T.: 6.759 min
Delta R.T.: 0.000 min
Response: 2460663
Conc: 23.58 ug/ml



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

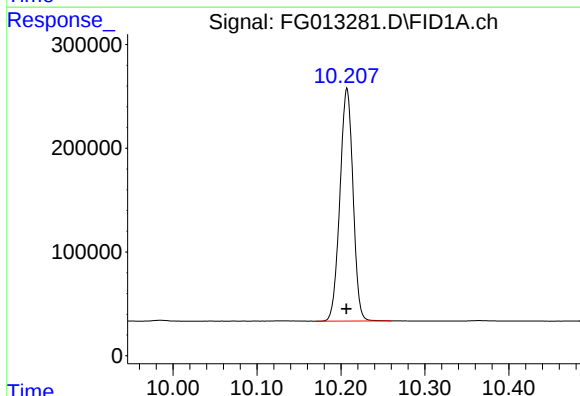
R.T.: 7.398 min
Delta R.T.: -0.002 min
Response: 2566613
Conc: 23.93 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



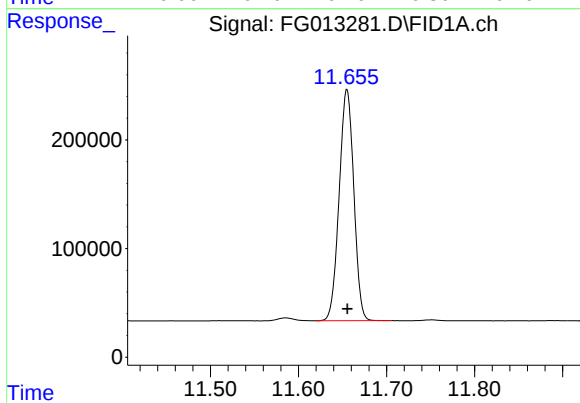
#6 n-Tetradecane (C14)

R.T.: 8.594 min
Delta R.T.: 0.000 min
Response: 2400444
Conc: 23.54 ug/ml



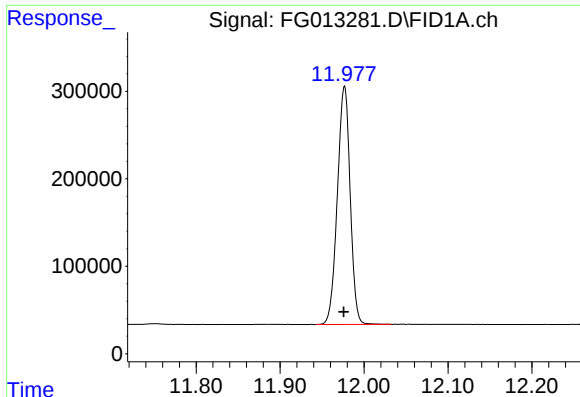
#7 n-Hexadecane (C16)

R.T.: 10.207 min
Delta R.T.: 0.000 min
Response: 2435365
Conc: 23.40 ug/ml



#8 n-Octadecane (C18)

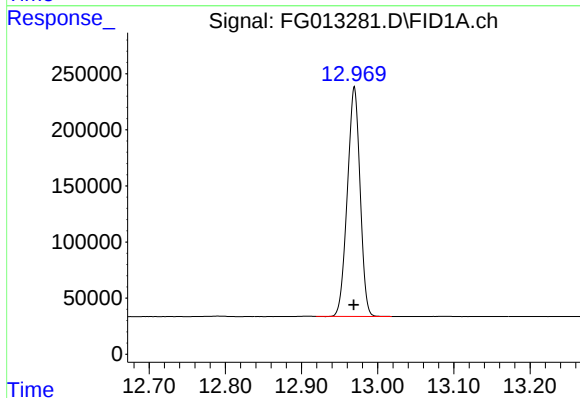
R.T.: 11.655 min
Delta R.T.: 0.000 min
Response: 2458716
Conc: 23.24 ug/ml



#9 ortho-Terphenyl (SURR)

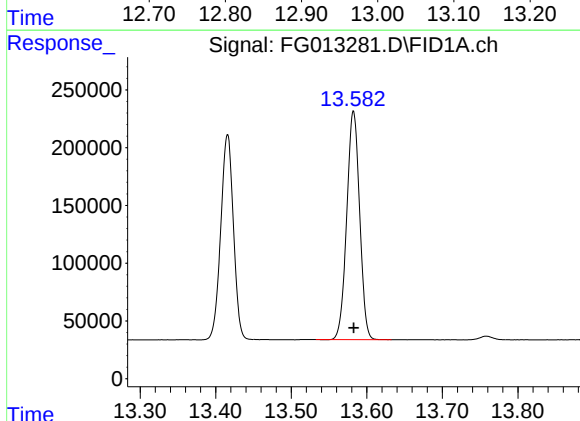
R.T.: 11.977 min
Delta R.T.: 0.001 min
Response: 2887440
Conc: 23.21 ug/ml

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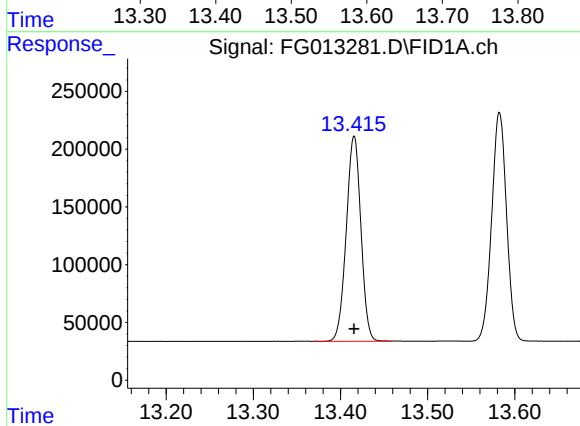
#10 n-Eicosane (C20)

R.T.: 12.969 min
Delta R.T.: 0.000 min
Response: 2382247
Conc: 23.07 ug/ml



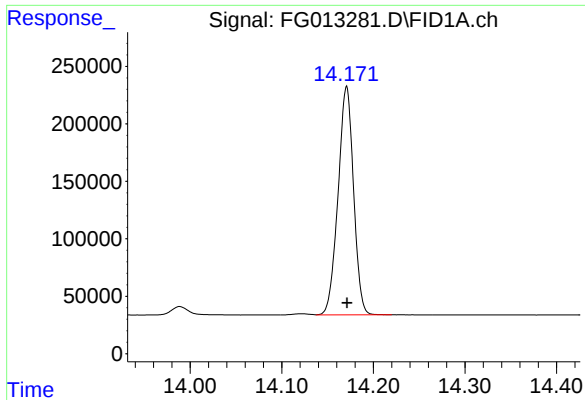
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 2343602
Conc: 23.02 ug/ml



#12 1-chlorooctadecane (SURR)

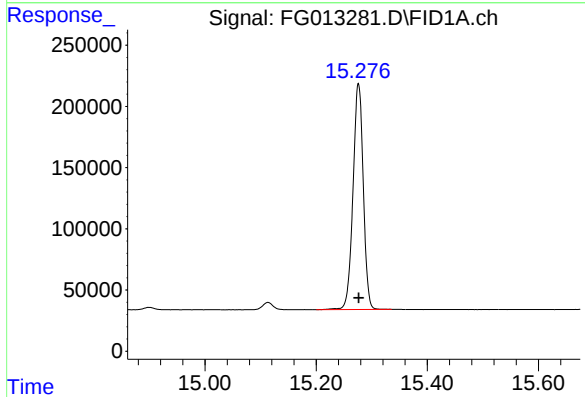
R.T.: 13.416 min
Delta R.T.: 0.000 min
Response: 2069892
Conc: 23.03 ug/ml



#13 n-Docosane (C22)

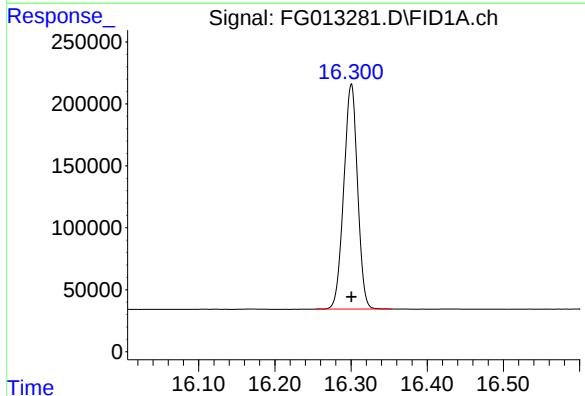
R.T.: 14.171 min
Delta R.T.: 0.000 min
Response: 2334363
Conc: 22.89 ug/ml

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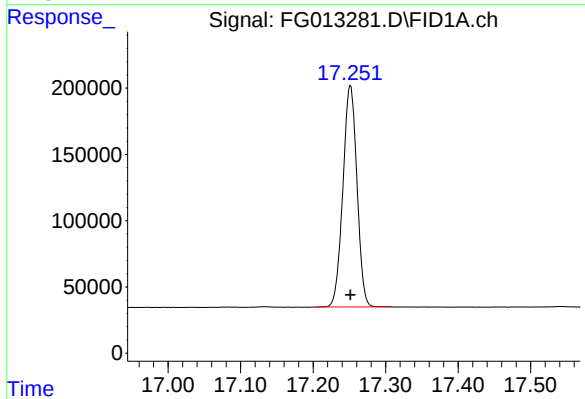
#14 n-Tetracosane (C24)

R.T.: 15.276 min
Delta R.T.: 0.000 min
Response: 2368633
Conc: 22.23 ug/ml



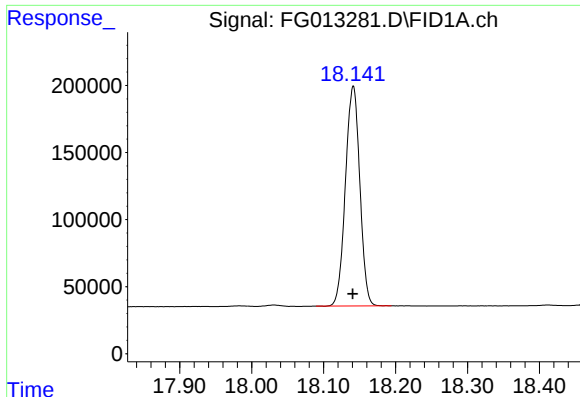
#15 n-Hexacosane (C26)

R.T.: 16.300 min
Delta R.T.: 0.000 min
Response: 2285627
Conc: 22.31 ug/ml



#16 n-Octacosane (C28)

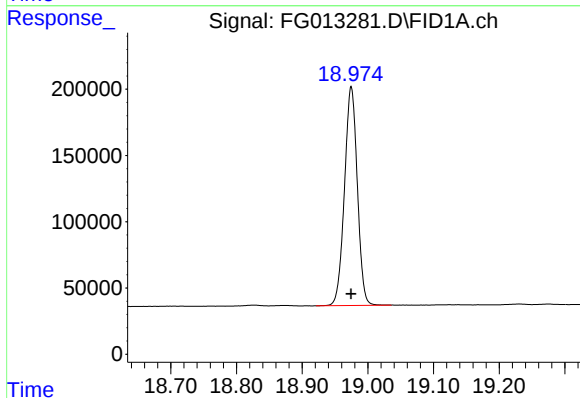
R.T.: 17.251 min
Delta R.T.: 0.000 min
Response: 2250181
Conc: 22.01 ug/ml



#17 n-Tricontane (C30)

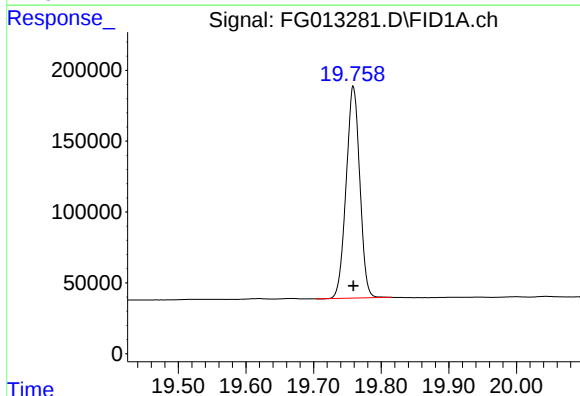
R.T.: 18.141 min
Delta R.T.: 0.001 min
Response: 2277542
Conc: 21.66 ug/ml

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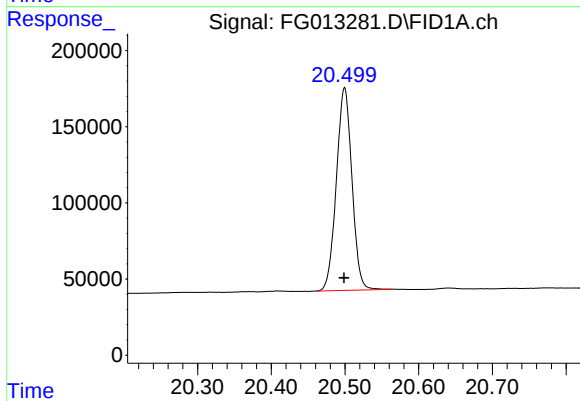
#18 n-Dotriacontane (C32)

R.T.: 18.975 min
Delta R.T.: 0.000 min
Response: 2240448
Conc: 21.29 ug/ml



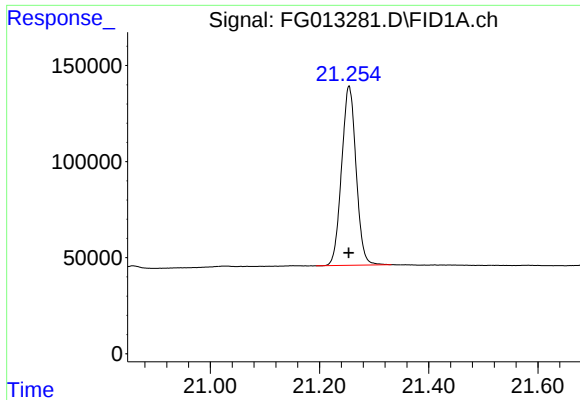
#19 n-Tetratriacontane (C34)

R.T.: 19.759 min
Delta R.T.: 0.000 min
Response: 2096889
Conc: 20.76 ug/ml



#20 n-Hexatriacontane (C36)

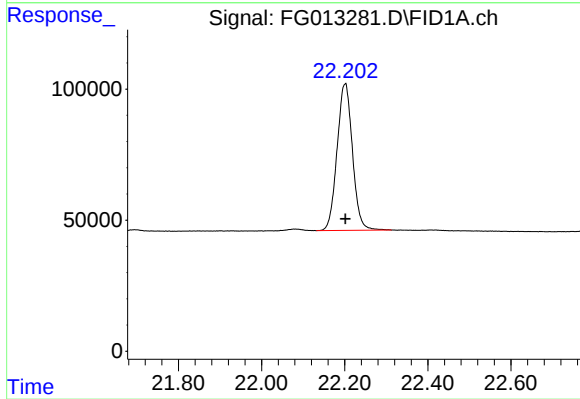
R.T.: 20.499 min
Delta R.T.: 0.000 min
Response: 1955268
Conc: 19.59 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.254 min
Delta R.T.: 0.000 min
Response: 1716244
Conc: 17.67 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.202 min
Delta R.T.: 0.000 min
Response: 1441582
Conc: 15.40 ug/ml