

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042225AL\
 Data File : FC068670.D
 Signal(s) : FID1A.ch
 Acq On : 22 Apr 2025 06:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 23 01:27:44 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 040925.M
 Quant Title : GC Extractables
 QLast Update : Tue Apr 08 17:31:27 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)	11.722	2414553	18.962 ug/ml
Spiked Amount 50.000		Recovery =	37.92%
12) S 1-chlorooctadecane (S...	13.156	1798521	19.361 ug/ml
Spiked Amount 50.000		Recovery =	38.72%
Target Compounds			
1) T n-Nonane (C9)	3.446	2118792	20.117 ug/ml
2) T n-Decane (C10)	4.524	2188873	20.775 ug/ml
3) T A~Naphthalene (C11.7)	6.123	2406094	20.660 ug/ml
4) T n-Dodecane (C12)	6.550	2166802	20.604 ug/ml
5) T A~2-methylnaphthalene...	7.182	2305932	19.965 ug/ml
6) T n-Tetradecane (C14)	8.349	2111774	20.542 ug/ml
7) T n-Hexadecane (C16)	9.953	2144290	21.055 ug/ml
8) T n-Octadecane (C18)	11.397	2146123	21.326 ug/ml
10) T n-Eicosane (C20)	12.709	2059140	20.935 ug/ml
11) T n-Heneicosane (C21)	13.323	2024448	20.773 ug/ml
13) T n-Docosane (C22)	13.910	2024140	20.955 ug/ml
14) T n-Tetracosane (C24)	15.014	2025057	21.275 ug/ml
15) T n-Hexacosane (C26)	16.039	2015317	21.576 ug/ml
16) T n-Octacosane (C28)	16.989	2058601	22.484 ug/ml
17) T n-Tricontane (C30)	17.880	2221774	24.168 ug/ml
18) T n-Dotriacontane (C32)	18.715	2216502	24.164 ug/ml
19) T n-Tetratriacontane (C34)	19.499	2028870	22.710 ug/ml
20) T n-Hexatriacontane (C36)	20.240	1772975	19.792 ug/ml
21) T n-Octatriacontane (C38)	21.022	1681781	19.022 ug/ml
22) T n-Tetracontane (C40)	22.004	1486831	16.837 ug/ml

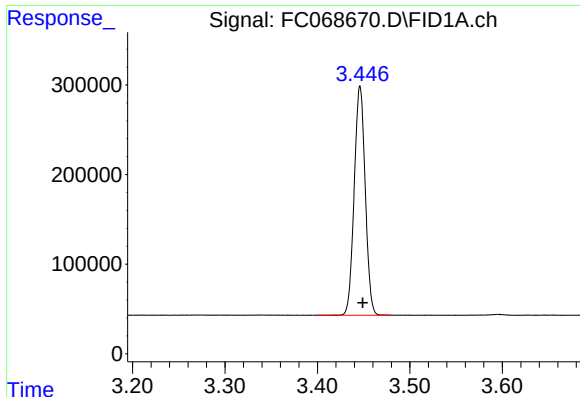
(f)=RT Delta > 1/2 Window

(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

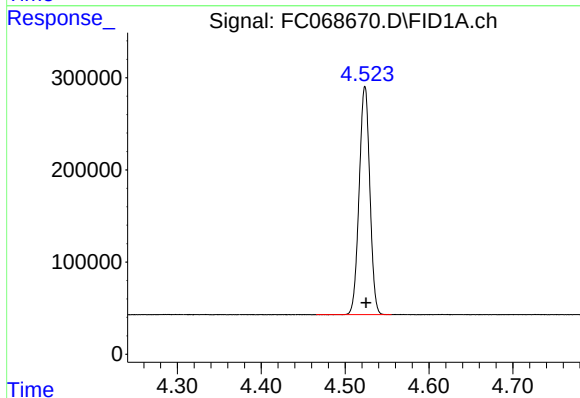




#1 n-Nonane (C9)

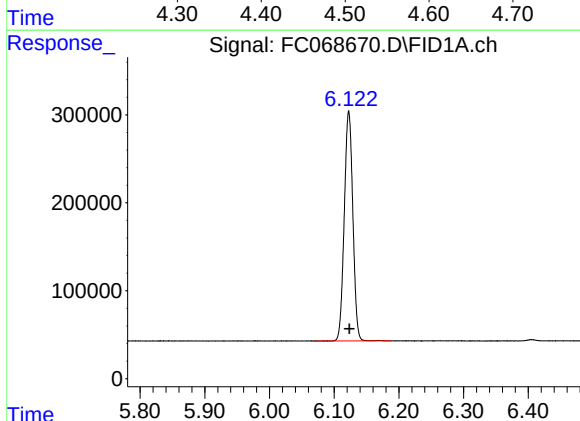
R.T.: 3.446 min
Delta R.T.: -0.003 min
Response: 2118792
Conc: 20.12 ug/ml

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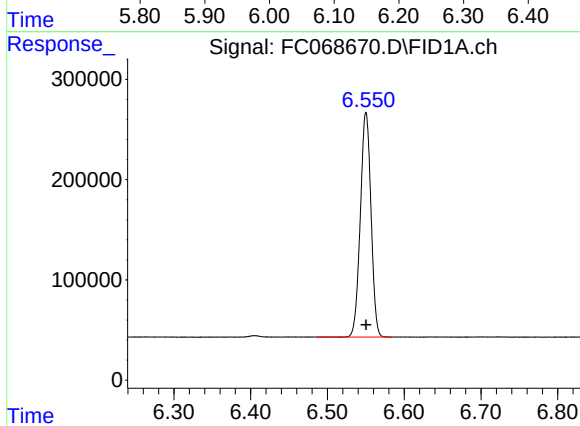
#2 n-Decane (C10)

R.T.: 4.524 min
Delta R.T.: -0.002 min
Response: 2188873
Conc: 20.78 ug/ml



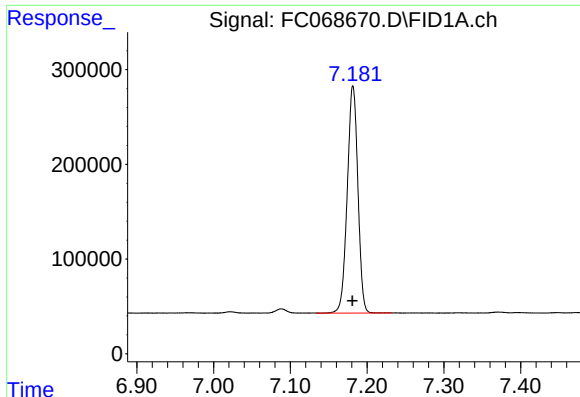
#3 A~Naphthalene (C11.7)

R.T.: 6.123 min
Delta R.T.: 0.000 min
Response: 2406094
Conc: 20.66 ug/ml



#4 n-Dodecane (C12)

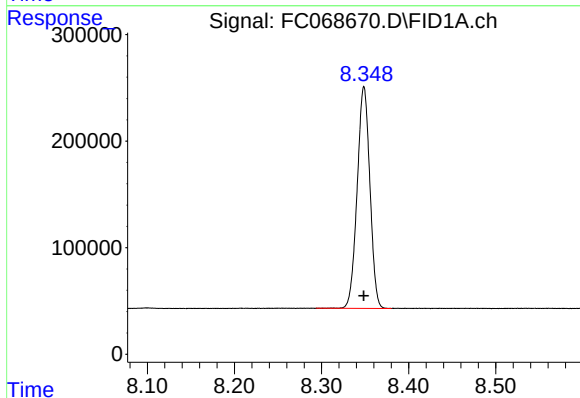
R.T.: 6.550 min
Delta R.T.: 0.000 min
Response: 2166802
Conc: 20.60 ug/ml



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

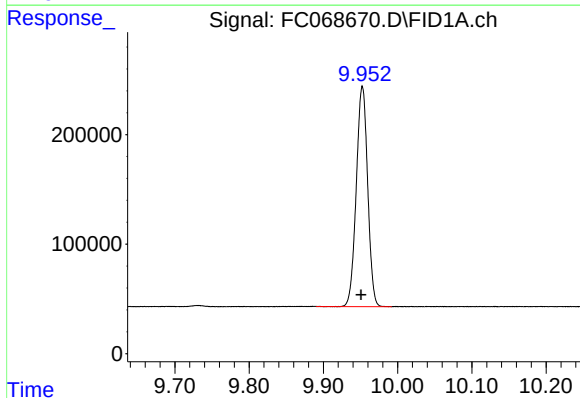
R.T.: 7.182 min
Delta R.T.: 0.000 min
Response: 2305932
Conc: 19.97 ug/ml

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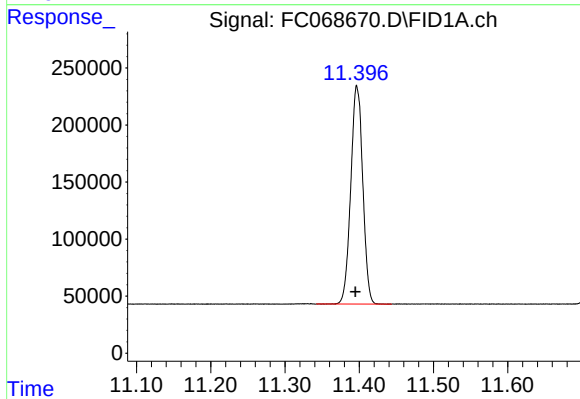
#6 n-Tetradecane (C14)

R.T.: 8.349 min
Delta R.T.: 0.000 min
Response: 2111774
Conc: 20.54 ug/ml



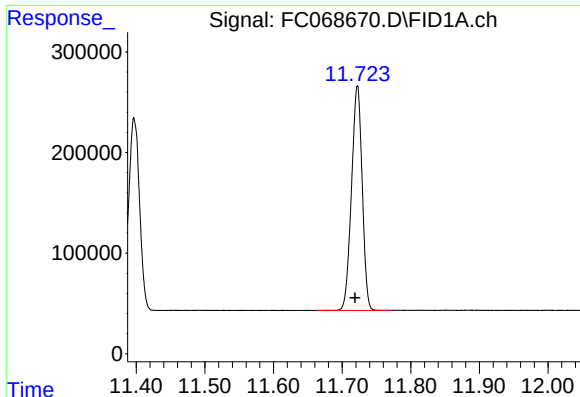
#7 n-Hexadecane (C16)

R.T.: 9.953 min
Delta R.T.: 0.002 min
Response: 2144290
Conc: 21.06 ug/ml



#8 n-Octadecane (C18)

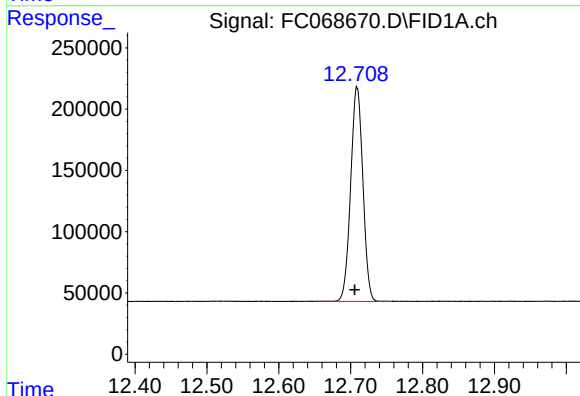
R.T.: 11.397 min
Delta R.T.: 0.002 min
Response: 2146123
Conc: 21.33 ug/ml



#9 ortho-Terphenyl (SURR)

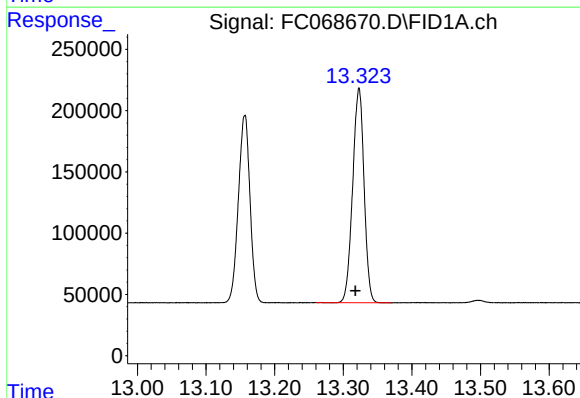
R.T.: 11.722 min
Delta R.T.: 0.003 min
Response: 2414553
Conc: 18.96 ug/ml

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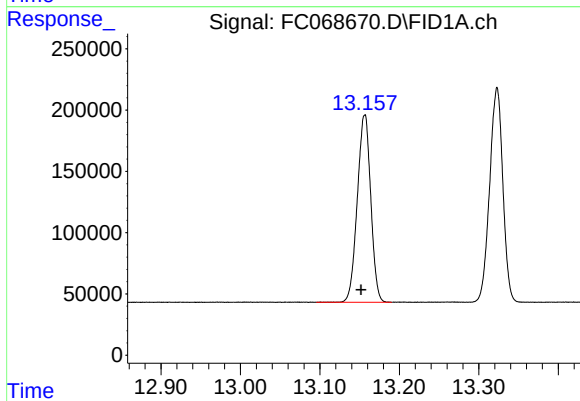
#10 n-Eicosane (C20)

R.T.: 12.709 min
Delta R.T.: 0.003 min
Response: 2059140
Conc: 20.93 ug/ml



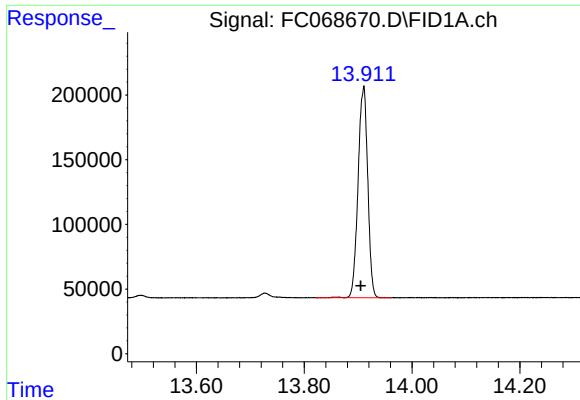
#11 n-Heneicosane (C21)

R.T.: 13.323 min
Delta R.T.: 0.005 min
Response: 2024448
Conc: 20.77 ug/ml



#12 1-chlorooctadecane (SURR)

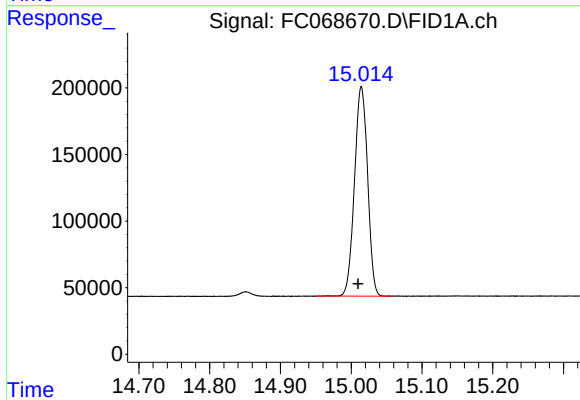
R.T.: 13.156 min
Delta R.T.: 0.004 min
Response: 1798521
Conc: 19.36 ug/ml



#13 n-Docosane (C22)

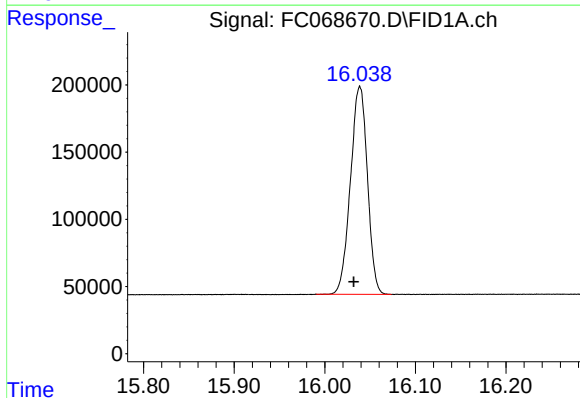
R.T.: 13.910 min
Delta R.T.: 0.005 min
Response: 2024140
Conc: 20.95 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD



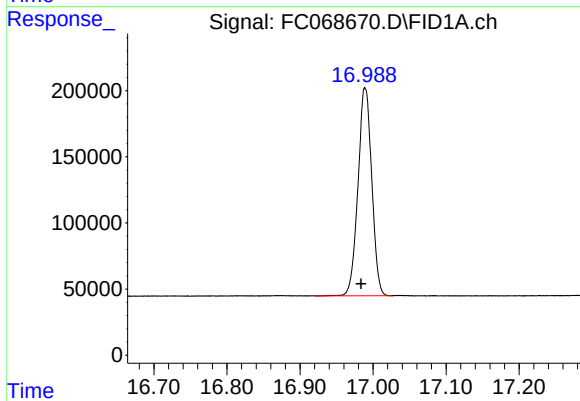
#14 n-Tetracosane (C24)

R.T.: 15.014 min
Delta R.T.: 0.004 min
Response: 2025057
Conc: 21.28 ug/ml



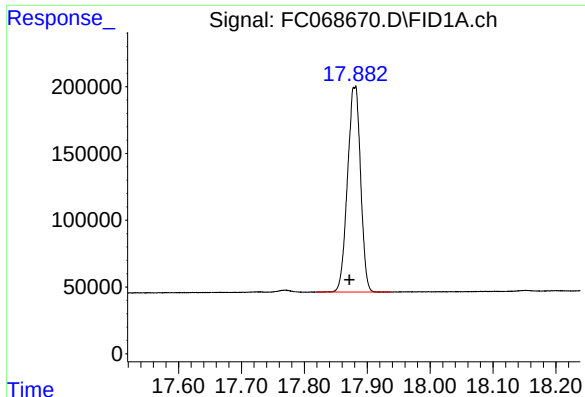
#15 n-Hexacosane (C26)

R.T.: 16.039 min
Delta R.T.: 0.007 min
Response: 2015317
Conc: 21.58 ug/ml



#16 n-Octacosane (C28)

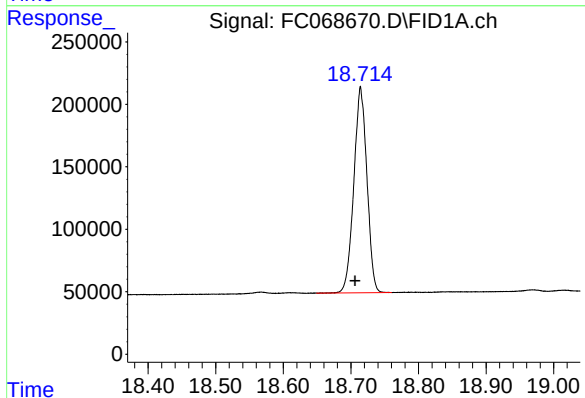
R.T.: 16.989 min
Delta R.T.: 0.006 min
Response: 2058601
Conc: 22.48 ug/ml



#17 n-Tricontane (C30)

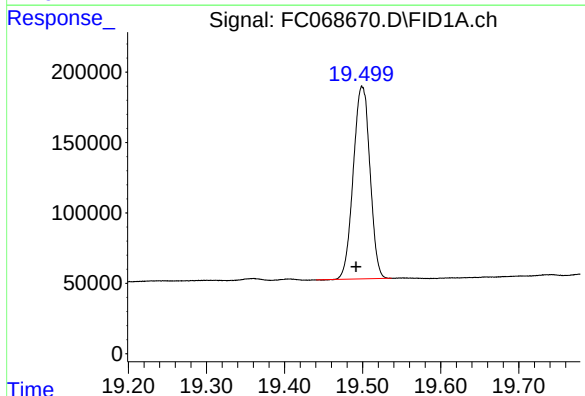
R.T.: 17.880 min
Delta R.T.: 0.009 min
Response: 2221774
Conc: 24.17 ug/ml

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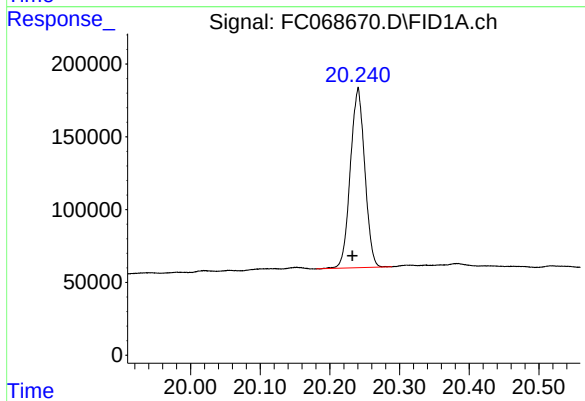
#18 n-Dotriacontane (C32)

R.T.: 18.715 min
Delta R.T.: 0.008 min
Response: 2216502
Conc: 24.16 ug/ml



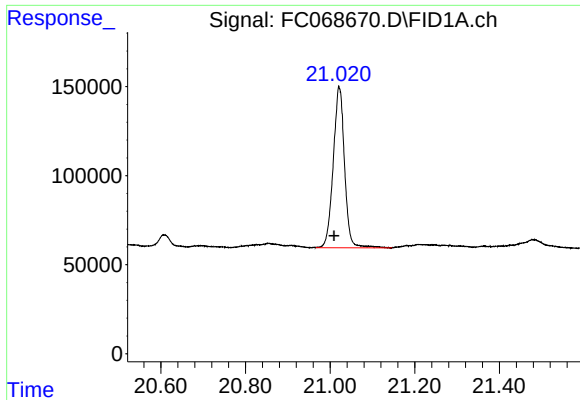
#19 n-Tetratriacontane (C34)

R.T.: 19.499 min
Delta R.T.: 0.008 min
Response: 2028870
Conc: 22.71 ug/ml



#20 n-Hexatriacontane (C36)

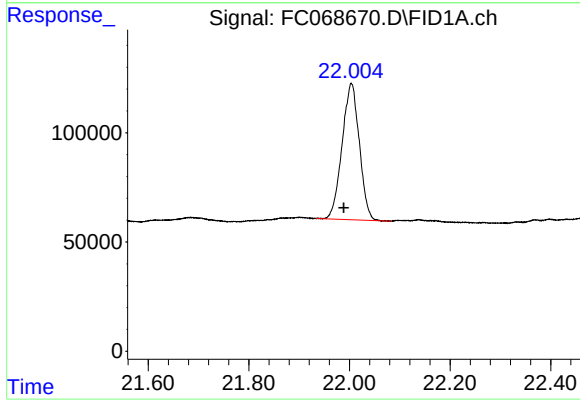
R.T.: 20.240 min
Delta R.T.: 0.008 min
Response: 1772975
Conc: 19.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.022 min
Delta R.T.: 0.012 min
Response: 1681781
Conc: 19.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.004 min
Delta R.T.: 0.015 min
Response: 1486831
Conc: 16.84 ug/ml