

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032625AL\
 Data File : FC068408.D
 Signal(s) : FID1A.ch
 Acq On : 26 Mar 2025 14:52
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Mar 27 01:39:08 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032625.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 26 13:35:27 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

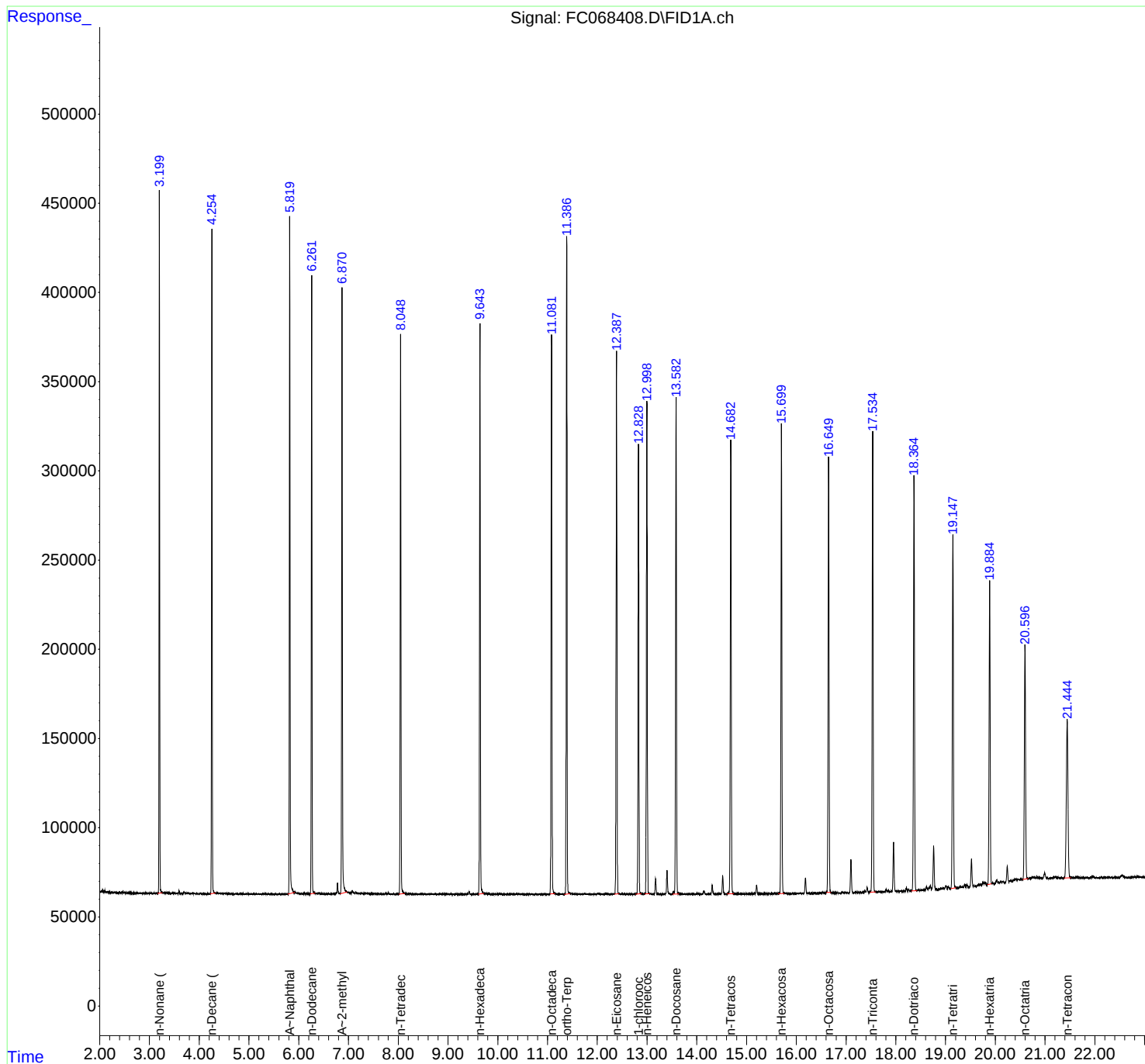
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.386	4119698	20.741 ug/ml
Spiked Amount 50.000		Recovery =	41.48%
12) S 1-chlorooctadecane (S...	12.828	3104569	20.826 ug/ml
Spiked Amount 50.000		Recovery =	41.65%
Target Compounds			
1) T n-Nonane (C9)	3.199	3279625	20.505 ug/ml
2) T n-Decane (C10)	4.255	3333186	20.562 ug/ml
3) T A~Naphthalene (C11.7)	5.819	3645882	20.636 ug/ml
4) T n-Dodecane (C12)	6.261	3379329	20.492 ug/ml
5) T A~2-methylnaphthalene...	6.871	3522125	20.707 ug/ml
6) T n-Tetradecane (C14)	8.049	3399544	20.661 ug/ml
7) T n-Hexadecane (C16)	9.644	3565124	20.745 ug/ml
8) T n-Octadecane (C18)	11.082	3661551	20.860 ug/ml
10) T n-Eicosane (C20)	12.387	3550811	20.733 ug/ml
11) T n-Heneicosane (C21)	12.997	3485725	20.780 ug/ml
13) T n-Docosane (C22)	13.582	3490295	20.689 ug/ml
14) T n-Tetracosane (C24)	14.682	3456026	20.180 ug/ml
15) T n-Hexacosane (C26)	15.700	3373699	20.045 ug/ml
16) T n-Octacosane (C28)	16.648	3327140	19.898 ug/ml
17) T n-Tricontane (C30)	17.534	3469461	19.899 ug/ml
18) T n-Dotriacontane (C32)	18.365	3357717	20.058 ug/ml
19) T n-Tetratriacontane (C34)	19.147	2992580	20.289 ug/ml
20) T n-Hexatriacontane (C36)	19.886	2509846	20.509 ug/ml
21) T n-Octatriacontane (C38)	20.596	2209048	20.571 ug/ml
22) T n-Tetracontane (C40)	21.445	2023169	20.643 ug/ml

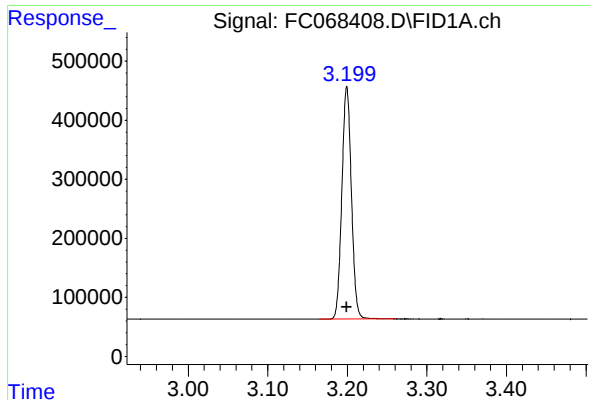
(f)=RT Delta > 1/2 Window

(m)=manual int.

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20 PPM ALIPHATIC HC STD

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Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um

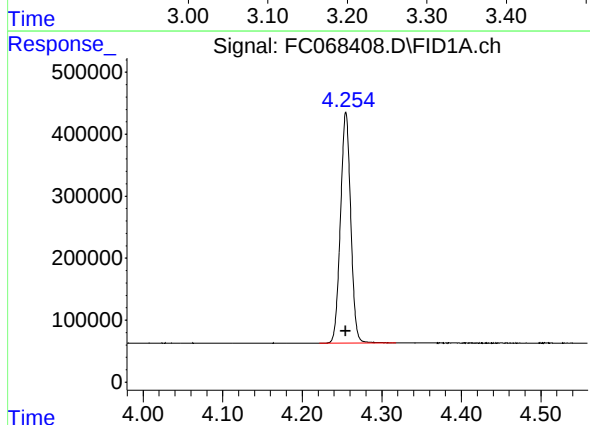




#1 n-Nonane (C9)

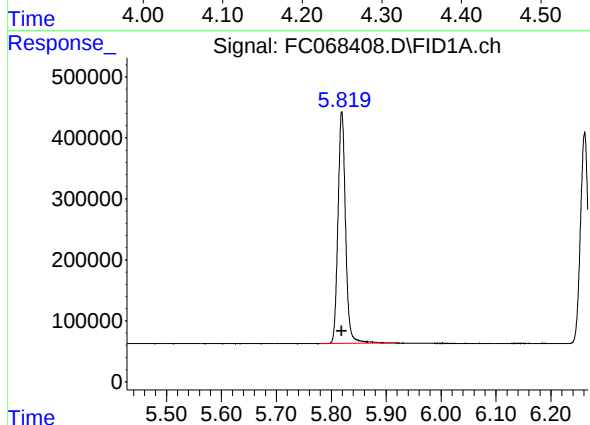
R.T.: 3.199 min
Delta R.T.: 0.000 min
Response: 3279625
Conc: 20.51 ug/ml

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20 PPM ALIPHATIC HC STD



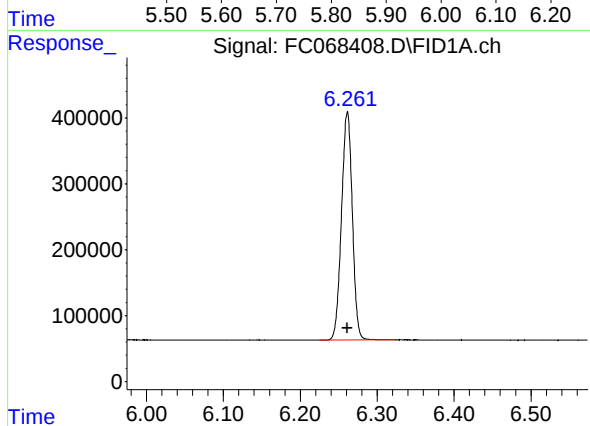
#2 n-Decane (C10)

R.T.: 4.255 min
Delta R.T.: 0.000 min
Response: 3333186
Conc: 20.56 ug/ml



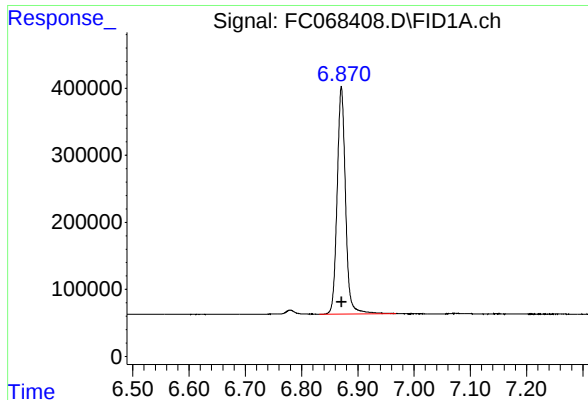
#3 A~Naphthalene (C11.7)

R.T.: 5.819 min
Delta R.T.: 0.000 min
Response: 3645882
Conc: 20.64 ug/ml



#4 n-Dodecane (C12)

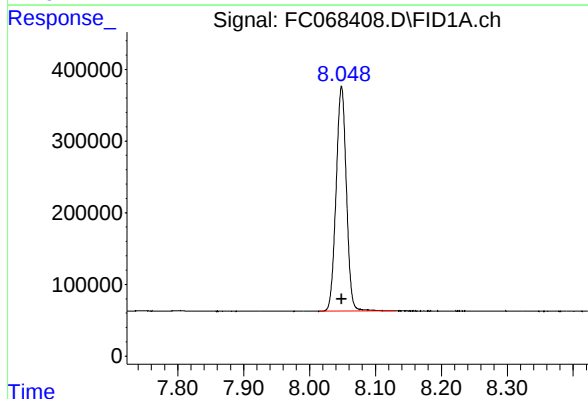
R.T.: 6.261 min
Delta R.T.: 0.000 min
Response: 3379329
Conc: 20.49 ug/ml



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

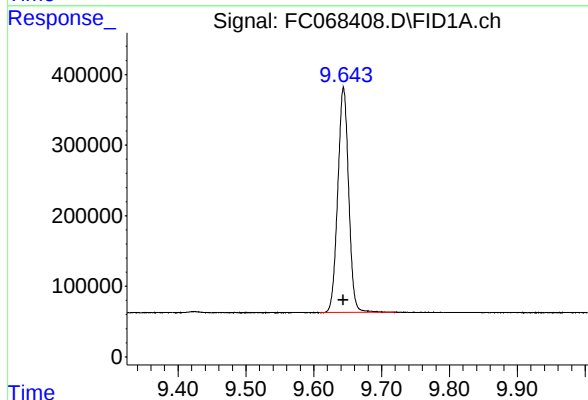
R.T.: 6.871 min
Delta R.T.: 0.000 min
Response: 3522125
Conc: 20.71 ug/ml

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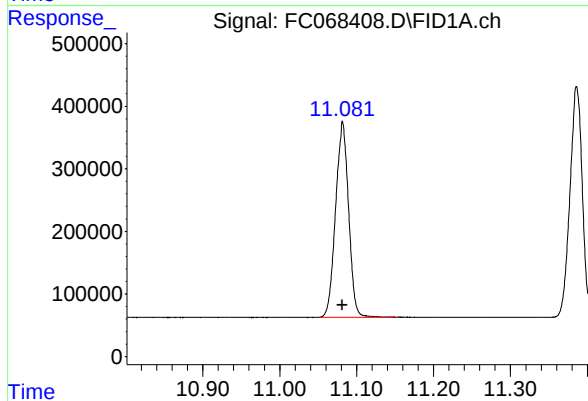
#6 n-Tetradecane (C14)

R.T.: 8.049 min
Delta R.T.: 0.000 min
Response: 3399544
Conc: 20.66 ug/ml



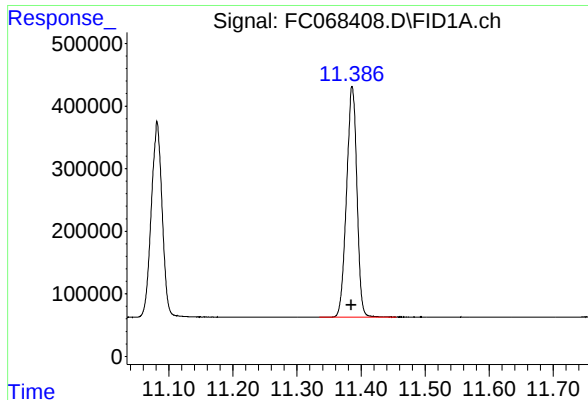
#7 n-Hexadecane (C16)

R.T.: 9.644 min
Delta R.T.: 0.000 min
Response: 3565124
Conc: 20.75 ug/ml



#8 n-Octadecane (C18)

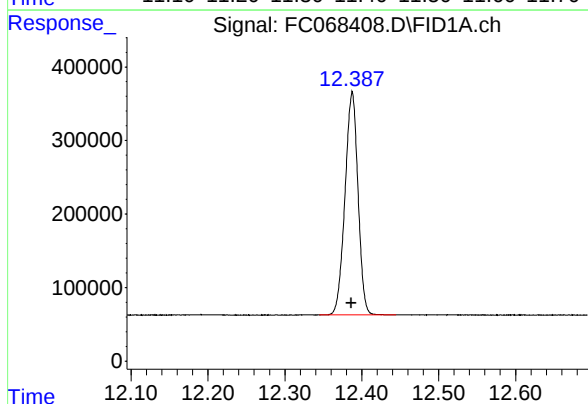
R.T.: 11.082 min
Delta R.T.: 0.000 min
Response: 3661551
Conc: 20.86 ug/ml



#9 ortho-Terphenyl (SURR)

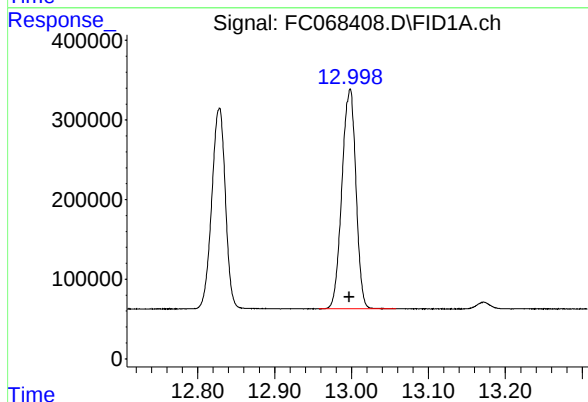
R.T.: 11.386 min
Delta R.T.: 0.001 min
Response: 4119698
Conc: 20.74 ug/ml

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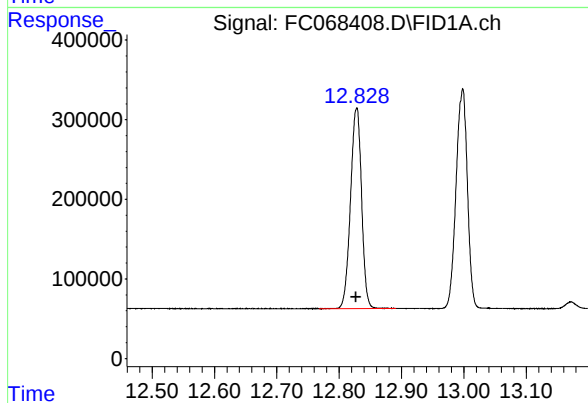
#10 n-Eicosane (C20)

R.T.: 12.387 min
Delta R.T.: 0.000 min
Response: 3550811
Conc: 20.73 ug/ml



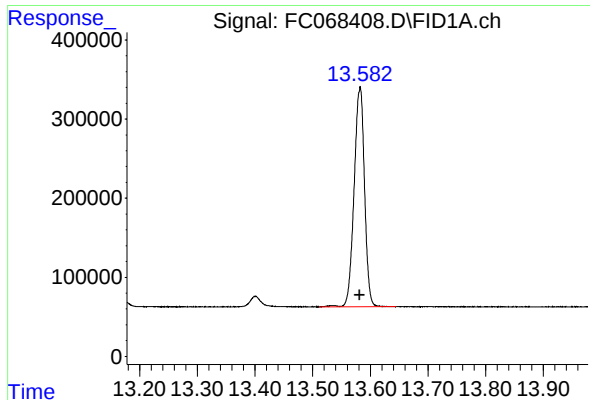
#11 n-Heneicosane (C21)

R.T.: 12.997 min
Delta R.T.: 0.000 min
Response: 3485725
Conc: 20.78 ug/ml



#12 1-chlorooctadecane (SURR)

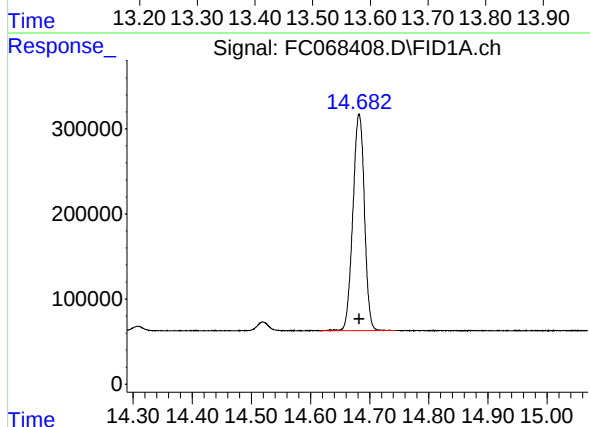
R.T.: 12.828 min
Delta R.T.: 0.000 min
Response: 3104569
Conc: 20.83 ug/ml



#13 n-Docosane (C22)

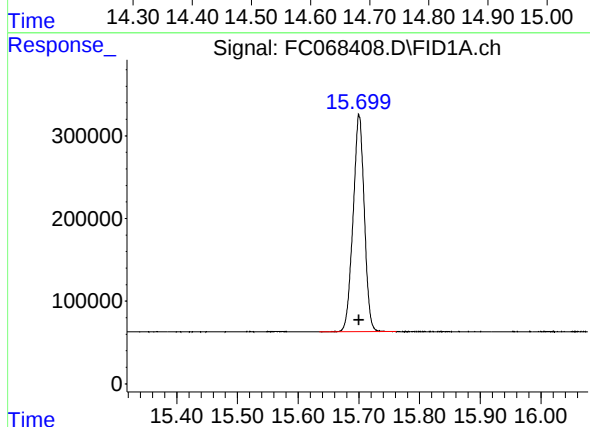
R.T.: 13.582 min
Delta R.T.: 0.000 min
Response: 3490295
Conc: 20.69 ug/ml

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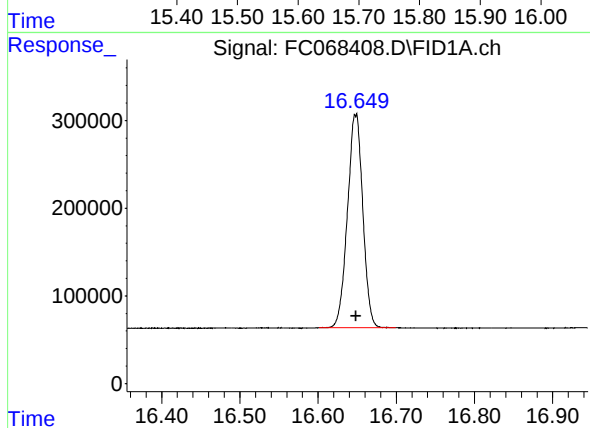
#14 n-Tetracosane (C24)

R.T.: 14.682 min
Delta R.T.: 0.000 min
Response: 3456026
Conc: 20.18 ug/ml



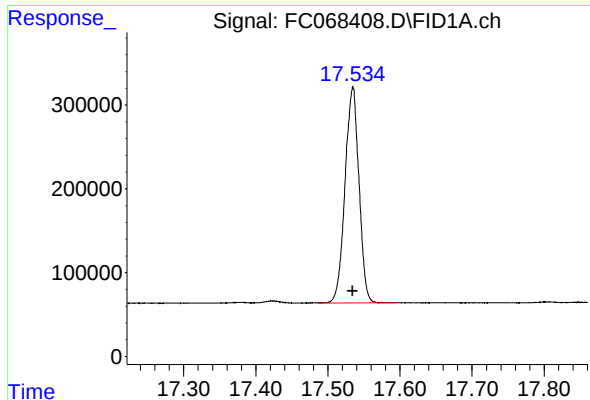
#15 n-Hexacosane (C26)

R.T.: 15.700 min
Delta R.T.: 0.000 min
Response: 3373699
Conc: 20.05 ug/ml



#16 n-Octacosane (C28)

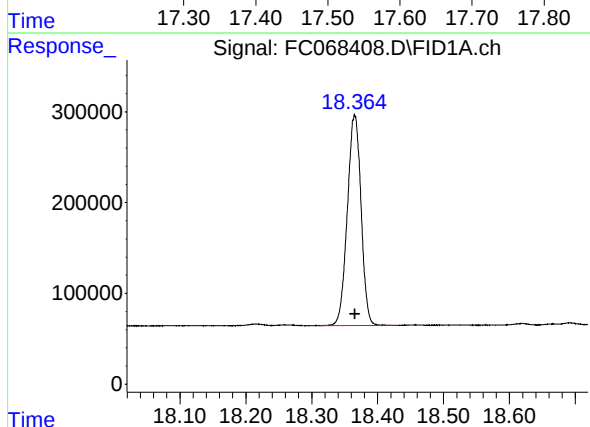
R.T.: 16.648 min
Delta R.T.: 0.000 min
Response: 3327140
Conc: 19.90 ug/ml



#17 n-Tricontane (C30)

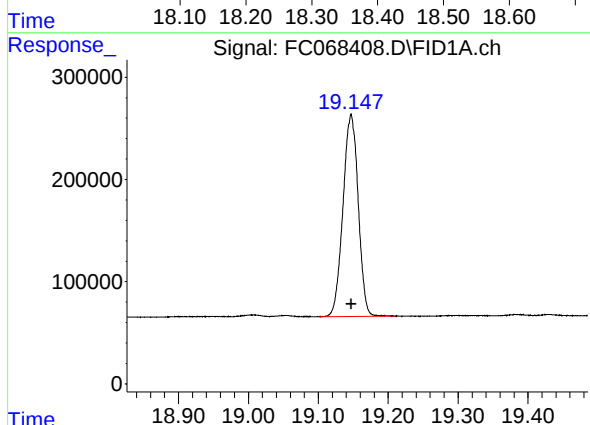
R.T.: 17.534 min
Delta R.T.: 0.000 min
Response: 3469461
Conc: 19.90 ug/ml

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20 PPM ALIPHATIC HC STD



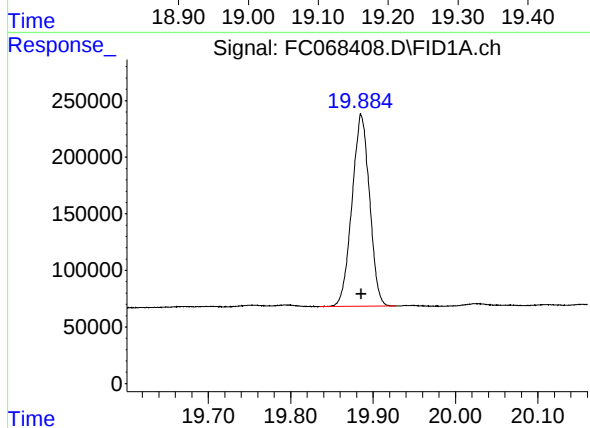
#18 n-Dotriacontane (C32)

R.T.: 18.365 min
Delta R.T.: 0.000 min
Response: 3357717
Conc: 20.06 ug/ml



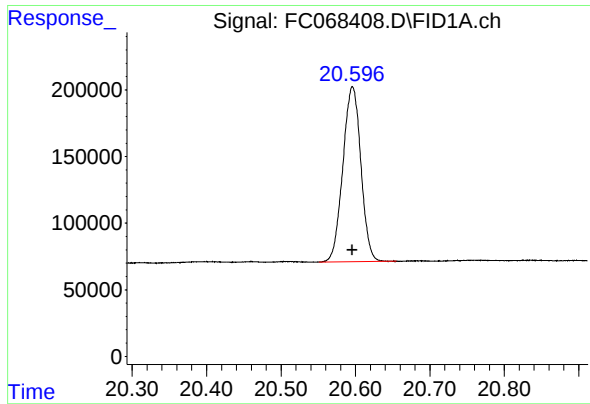
#19 n-Tetatriacontane (C34)

R.T.: 19.147 min
Delta R.T.: 0.000 min
Response: 2992580
Conc: 20.29 ug/ml



#20 n-Hexatriacontane (C36)

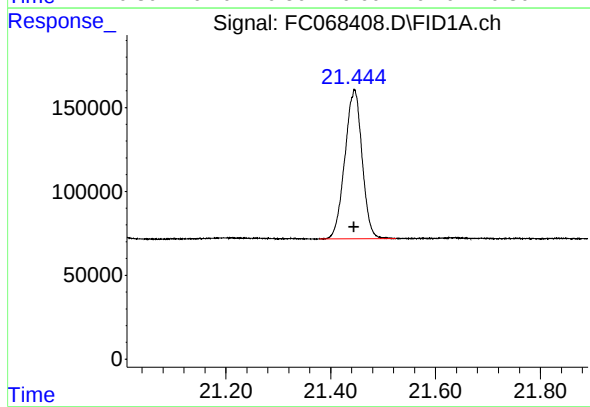
R.T.: 19.886 min
Delta R.T.: 0.000 min
Response: 2509846
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.596 min
Delta R.T.: 0.000 min
Response: 2209048
Conc: 20.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.445 min
Delta R.T.: 0.000 min
Response: 2023169
Conc: 20.64 ug/ml