

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082124AL\
 Data File : FE049699.D
 Signal(s) : FID1B.ch
 Acq On : 21 Aug 2024 19:40
 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: autoint1.e
 Quant Time: Aug 22 01:12:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 2024
 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)	11.886	2926250	18.096 ug/ml
Spiked Amount 50.000		Recovery =	36.19%
12) S 1-chlorooctadecane (S...	13.321	2230895	18.285 ug/ml
Spiked Amount 50.000		Recovery =	36.57%
Target Compounds			
1) T n-Nonane (C9)	3.274	2563756	16.567 ug/ml
2) T n-Decane (C10)	4.525	2738777	17.346 ug/ml
3) T A~Naphthalene (C11.7)	6.232	2817701	17.561 ug/ml
4) T n-Dodecane (C12)	6.692	2776274	17.660 ug/ml
5) T A~2-methylnaphthalene...	7.328	2680216	17.897 ug/ml
6) T n-Tetradecane (C14)	8.520	2738013	17.736 ug/ml
7) T n-Hexadecane (C16)	10.126	2817234	18.038 ug/ml
8) T n-Octadecane (C18)	11.568	2830129	18.020 ug/ml
10) T n-Eicosane (C20)	12.876	2707154	18.132 ug/ml
11) T n-Heneicosane (C21)	13.486	2658390	18.122 ug/ml
13) T n-Docosane (C22)	14.072	2645954	18.154 ug/ml
14) T n-Tetracosane (C24)	15.174	2662566	18.304 ug/ml
15) T n-Hexacosane (C26)	16.194	2629176	18.217 ug/ml
16) T n-Octacosane (C28)	17.143	2729763	18.952 ug/ml
17) T n-Tricontane (C30)	18.029	2988287	19.961 ug/ml
18) T n-Dotriacontane (C32)	18.861	3118282	20.612 ug/ml
19) T n-Tetratriacontane (C34)	19.645	3106031	20.317 ug/ml
20) T n-Hexatriacontane (C36)	20.384	2987775	19.675 ug/ml
21) T n-Octatriacontane (C38)	21.112	2927313	18.651 ug/ml
22) T n-Tetracontane (C40)	22.006	2774691	18.173 ug/ml

(f)=RT Delta > 1/2 Window

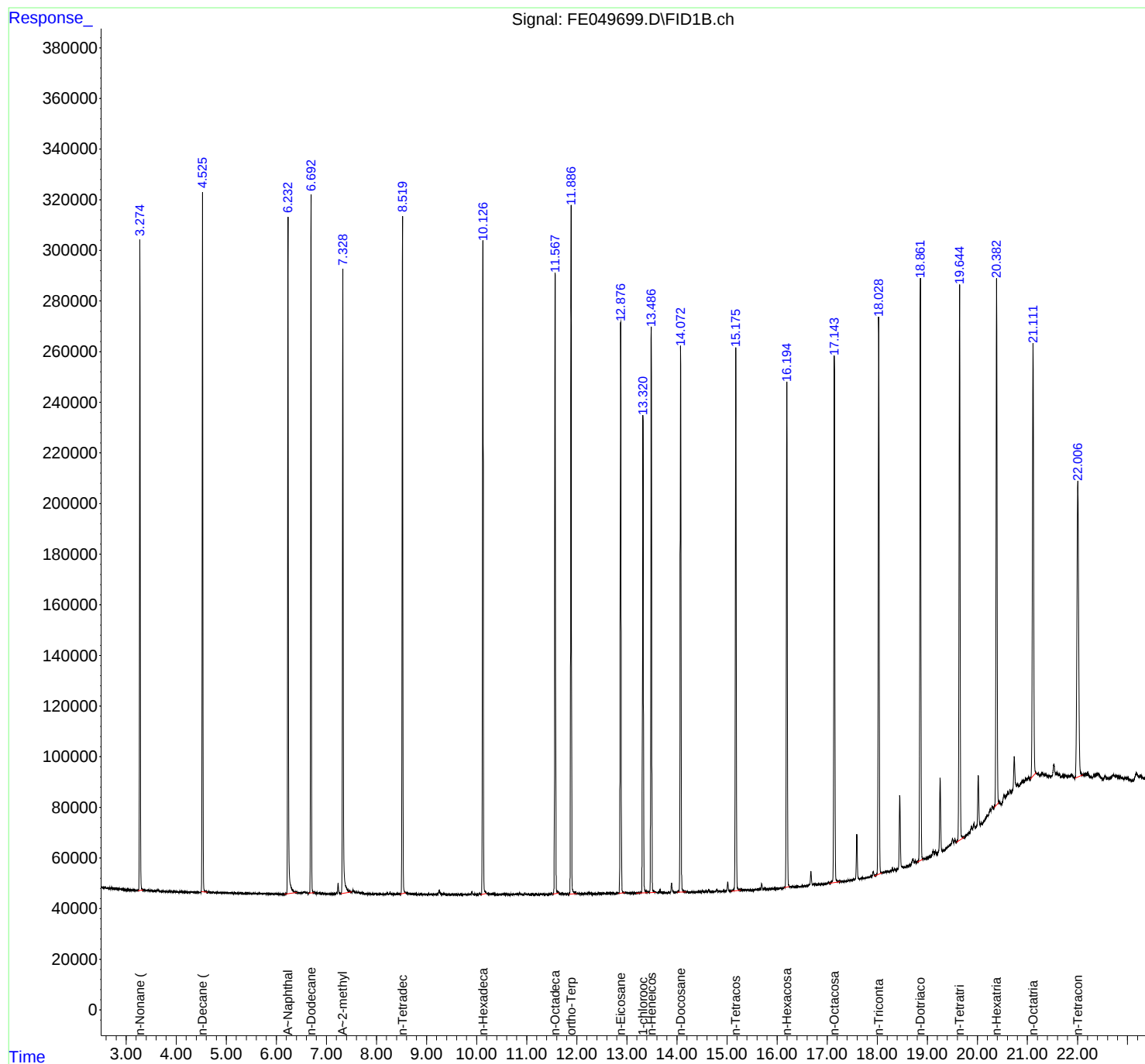
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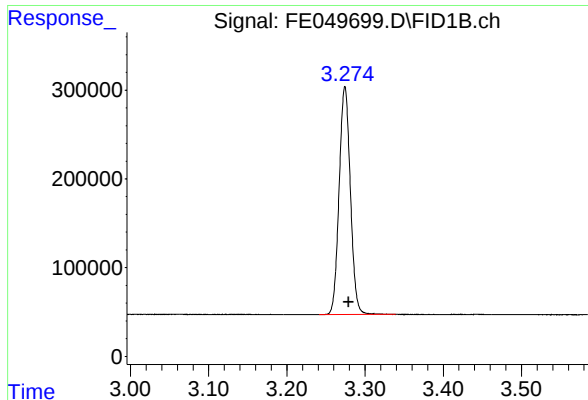
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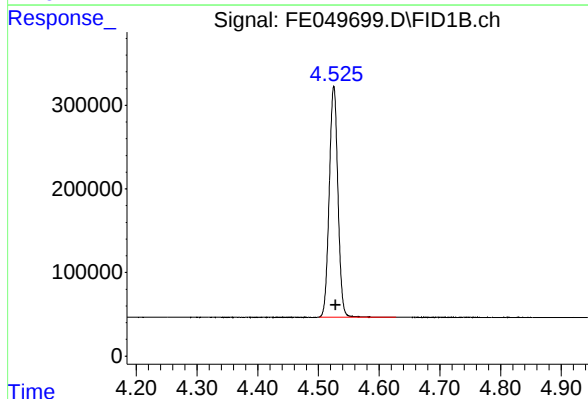




#1 n-Nonane (C9)

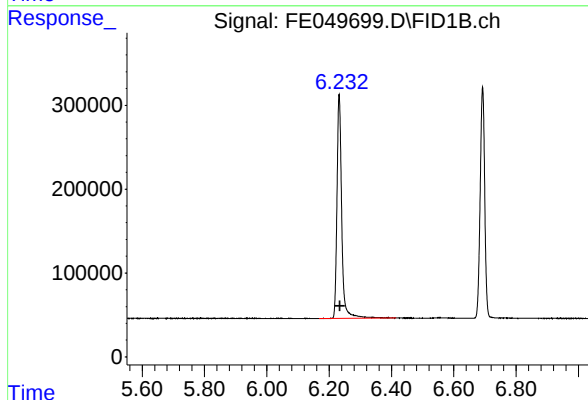
R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 2563756
Conc: 16.57 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



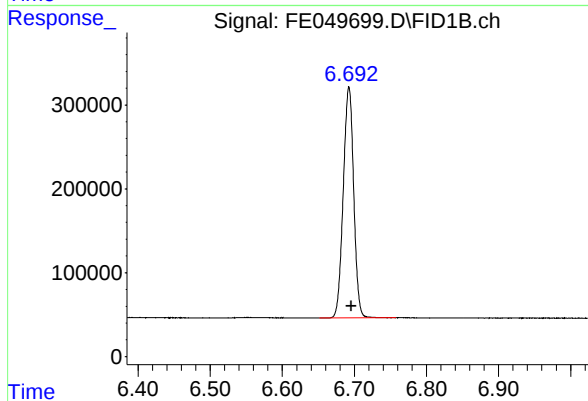
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.003 min
Response: 2738777
Conc: 17.35 ug/ml



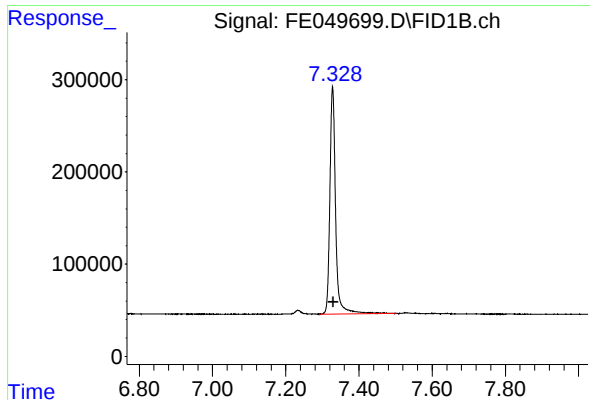
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.003 min
Response: 2817701
Conc: 17.56 ug/ml



#4 n-Dodecane (C12)

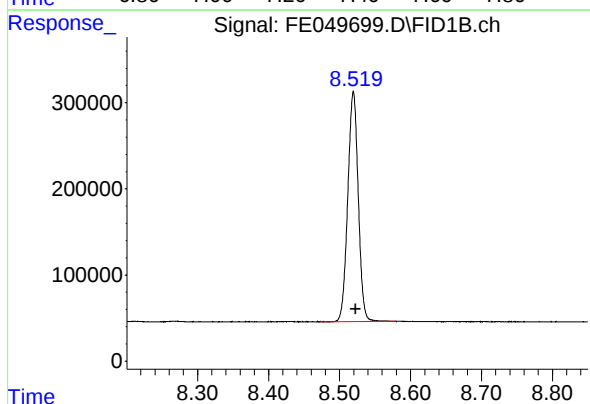
R.T.: 6.692 min
Delta R.T.: -0.003 min
Response: 2776274
Conc: 17.66 ug/ml



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

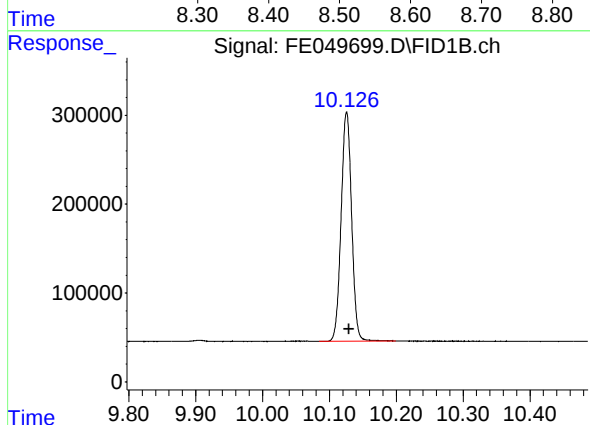
R.T.: 7.328 min
Delta R.T.: -0.003 min
Response: 2680216
Conc: 17.90 ug/ml

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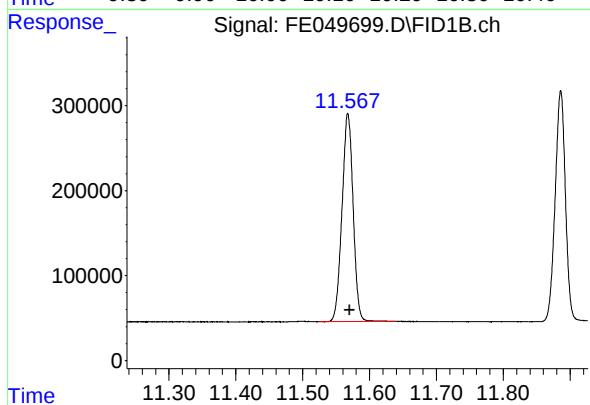
#6 n-Tetradecane (C14)

R.T.: 8.520 min
Delta R.T.: -0.003 min
Response: 2738013
Conc: 17.74 ug/ml



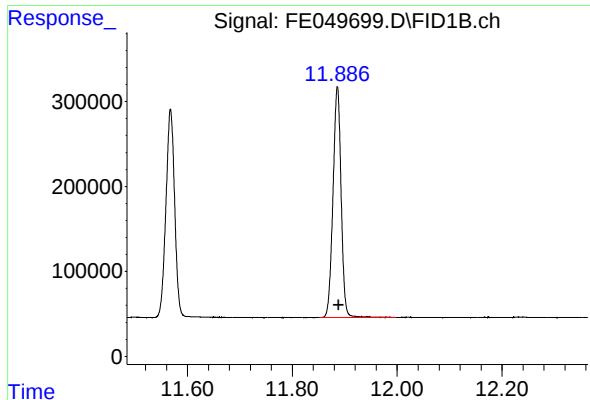
#7 n-Hexadecane (C16)

R.T.: 10.126 min
Delta R.T.: -0.003 min
Response: 2817234
Conc: 18.04 ug/ml



#8 n-Octadecane (C18)

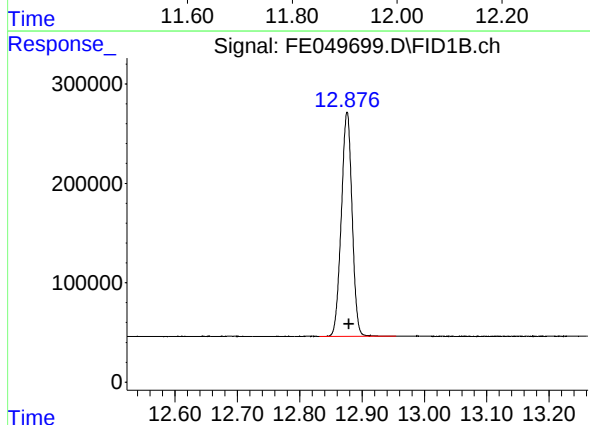
R.T.: 11.568 min
Delta R.T.: -0.003 min
Response: 2830129
Conc: 18.02 ug/ml



#9 ortho-Terphenyl (SURR)

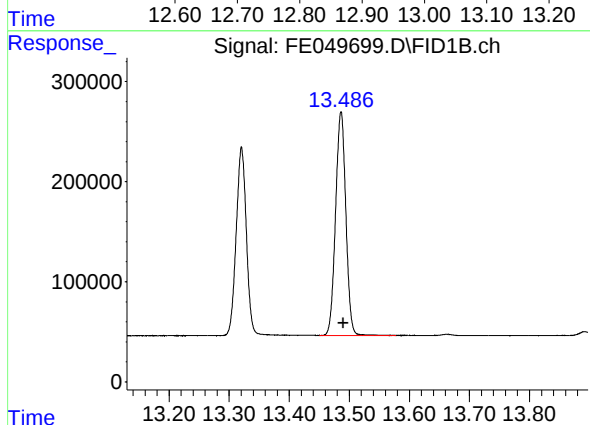
R.T.: 11.886 min
Delta R.T.: -0.002 min
Response: 2926250
Conc: 18.10 ug/ml

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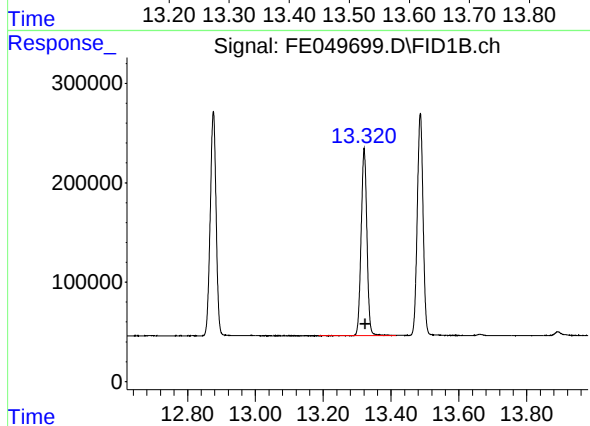
#10 n-Eicosane (C20)

R.T.: 12.876 min
Delta R.T.: -0.003 min
Response: 2707154
Conc: 18.13 ug/ml



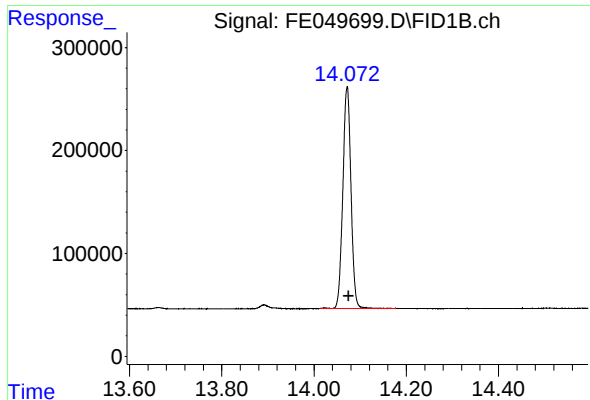
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.004 min
Response: 2658390
Conc: 18.12 ug/ml



#12 1-chlorooctadecane (SURR)

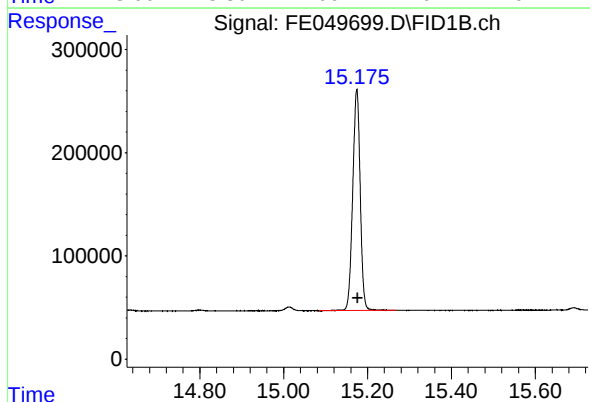
R.T.: 13.321 min
Delta R.T.: -0.003 min
Response: 2230895
Conc: 18.29 ug/ml



#13 n-Docosane (C22)

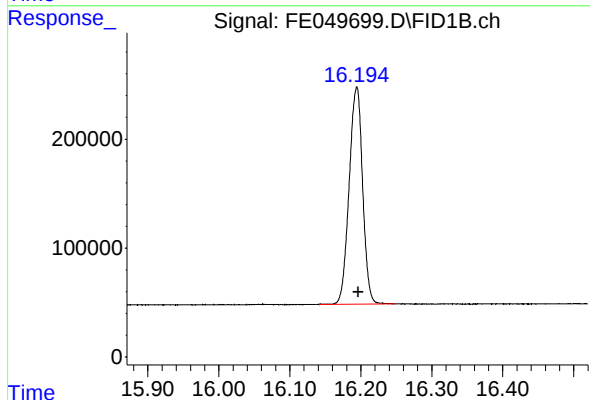
R.T.: 14.072 min
Delta R.T.: -0.003 min
Response: 2645954
Conc: 18.15 ug/ml

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20 PPM ALIPHATIC HC STD



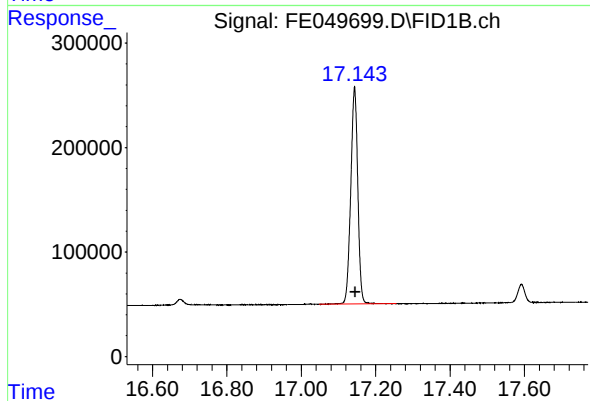
#14 n-Tetracosane (C24)

R.T.: 15.174 min
Delta R.T.: -0.003 min
Response: 2662566
Conc: 18.30 ug/ml



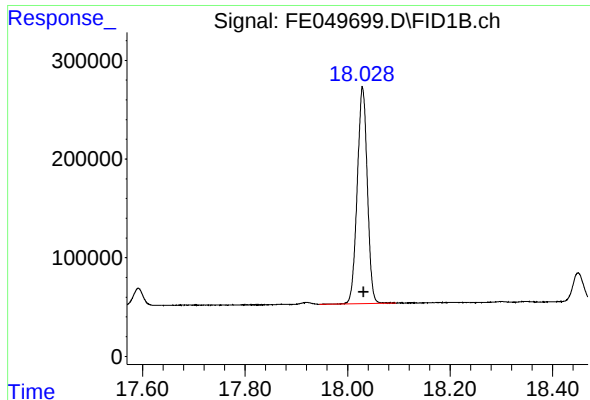
#15 n-Hexacosane (C26)

R.T.: 16.194 min
Delta R.T.: -0.003 min
Response: 2629176
Conc: 18.22 ug/ml



#16 n-Octacosane (C28)

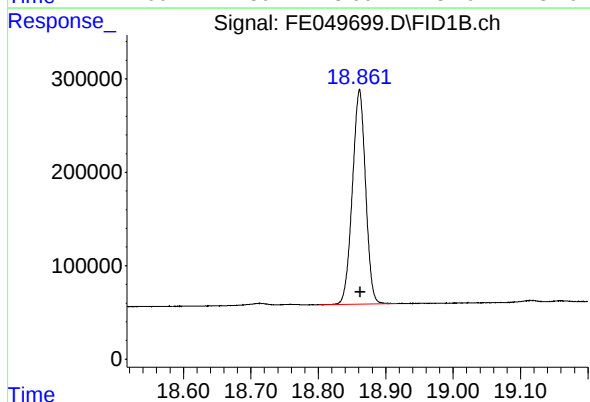
R.T.: 17.143 min
Delta R.T.: -0.002 min
Response: 2729763
Conc: 18.95 ug/ml



#17 n-Tricontane (C30)

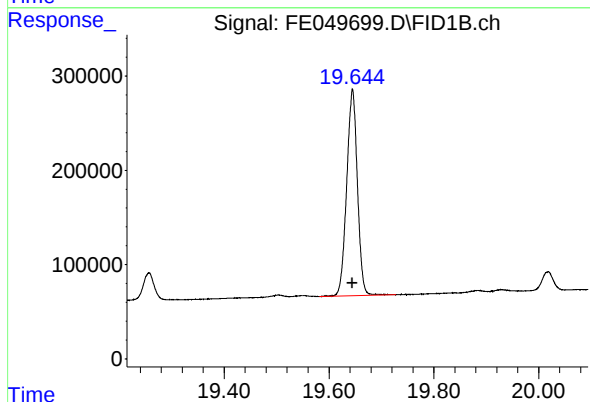
R.T.: 18.029 min
Delta R.T.: -0.002 min
Response: 2988287
Conc: 19.96 ug/ml

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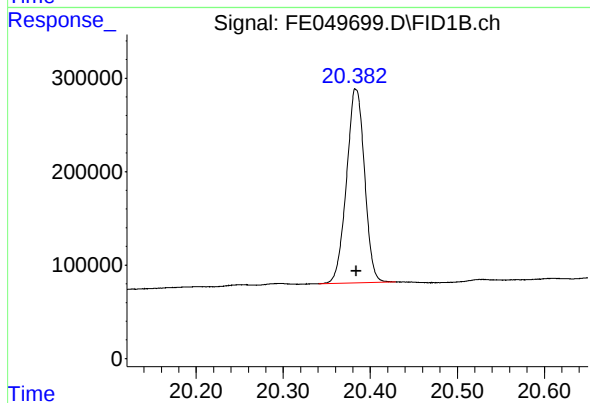
#18 n-Dotriacontane (C32)

R.T.: 18.861 min
Delta R.T.: -0.001 min
Response: 3118282
Conc: 20.61 ug/ml



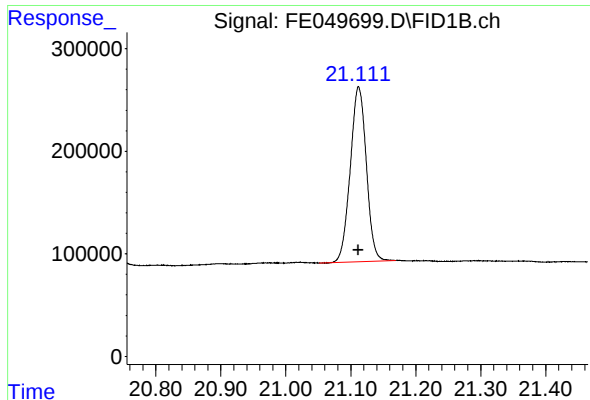
#19 n-Tetatriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 3106031
Conc: 20.32 ug/ml



#20 n-Hexatriacontane (C36)

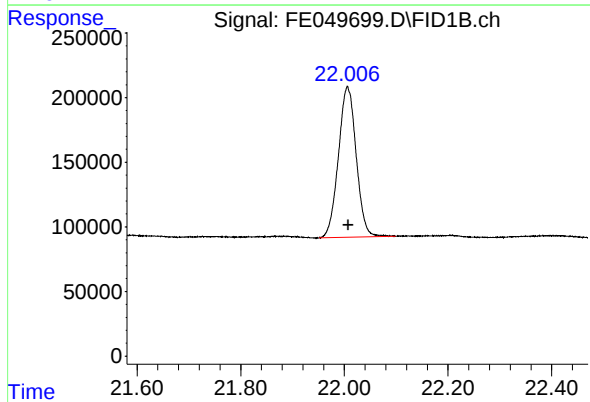
R.T.: 20.384 min
Delta R.T.: 0.000 min
Response: 2987775
Conc: 19.68 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.000 min
Response: 2927313
Conc: 18.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: -0.001 min
Response: 2774691
Conc: 18.17 ug/ml