

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048322.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 13:04
 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: May 23 01:34:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M
 Quant Title : GC Extractables
 QLast Update : Mon Apr 29 03:29:12 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)	11.955	2448406	16.972 ug/ml
Spiked Amount 50.000		Recovery =	33.94%
12) S 1-chlorooctadecane (S...	13.388	1874467	16.775 ug/ml
Spiked Amount 50.000		Recovery =	33.55%
Target Compounds			
1) T n-Nonane (C9)	3.342	2282805	17.713 ug/ml
2) T n-Decane (C10)	4.591	2458988	18.678 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2449980	17.743 ug/ml
4) T n-Dodecane (C12)	6.756	2443280	18.328 ug/ml
5) T A~2-methylnaphthalene...	7.393	2305195	17.323 ug/ml
6) T n-Tetradecane (C14)	8.585	2363906	17.838 ug/ml
7) T n-Hexadecane (C16)	10.192	2382917	17.326 ug/ml
8) T n-Octadecane (C18)	11.635	2377881	17.071 ug/ml
10) T n-Eicosane (C20)	12.943	2290919	17.015 ug/ml
11) T n-Heneicosane (C21)	13.554	2228100	16.832 ug/ml
13) T n-Docosane (C22)	14.141	2281416	17.216 ug/ml
14) T n-Tetracosane (C24)	15.242	2405610	18.066 ug/ml
15) T n-Hexacosane (C26)	16.263	2502471	18.753 ug/ml
16) T n-Octacosane (C28)	17.211	2676680	20.103 ug/ml
17) T n-Tricontane (C30)	18.098	2977658	21.575 ug/ml
18) T n-Dotriacontane (C32)	18.929	3018700	21.855 ug/ml
19) T n-Tetratriacontane (C34)	19.711	2697851	19.805 ug/ml
20) T n-Hexatriacontane (C36)	20.451	2480714	18.321 ug/ml
21) T n-Octatriacontane (C38)	21.189	2375190	17.203 ug/ml
22) T n-Tetracontane (C40)	22.107	2366037	16.983 ug/ml

(f)=RT Delta > 1/2 Window

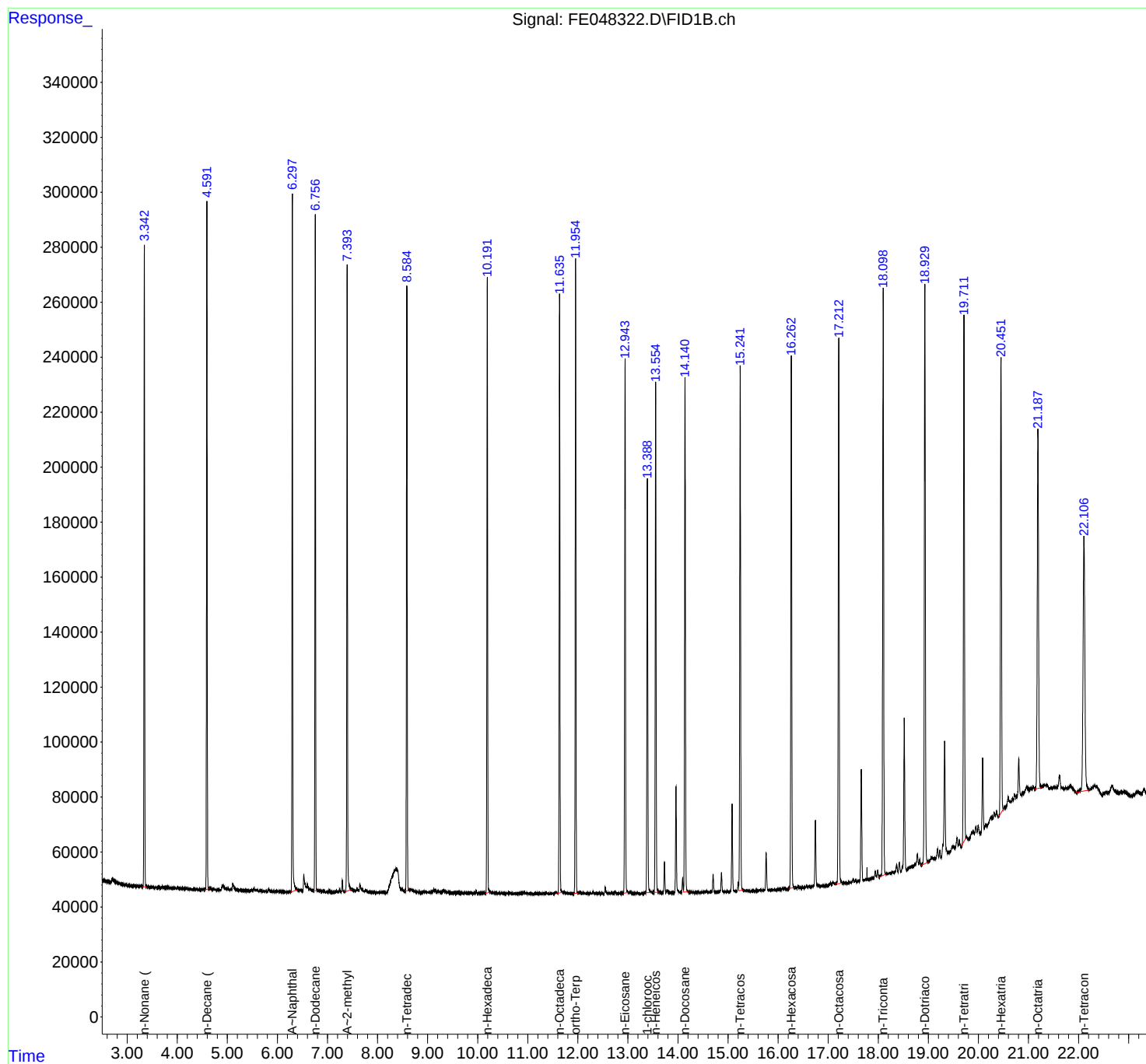
(m)=manual int.

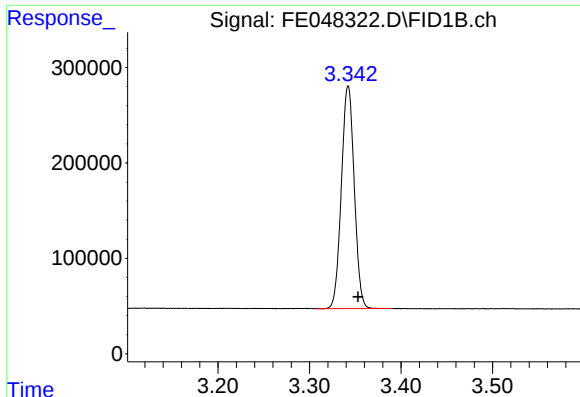
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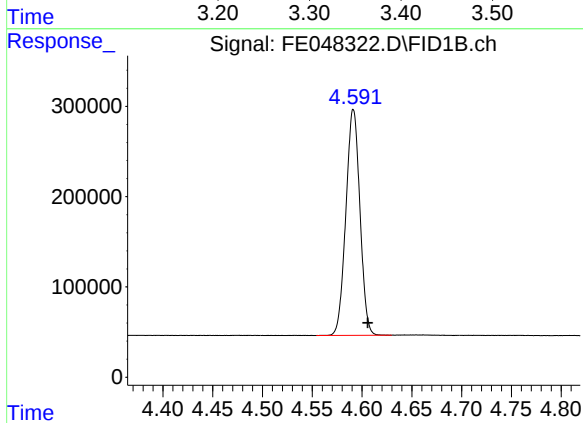




#1 n-Nonane (C9)

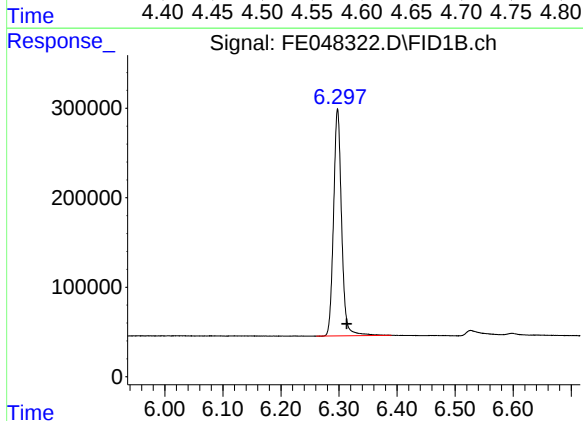
R.T.: 3.342 min
Delta R.T.: -0.011 min
Response: 2282805
Conc: 17.71 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



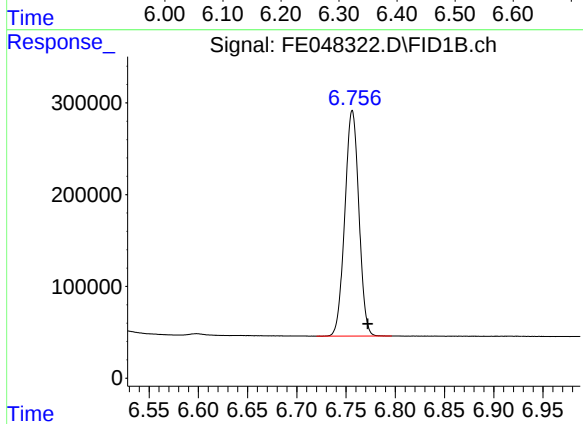
#2 n-Decane (C10)

R.T.: 4.591 min
Delta R.T.: -0.014 min
Response: 2458988
Conc: 18.68 ug/ml



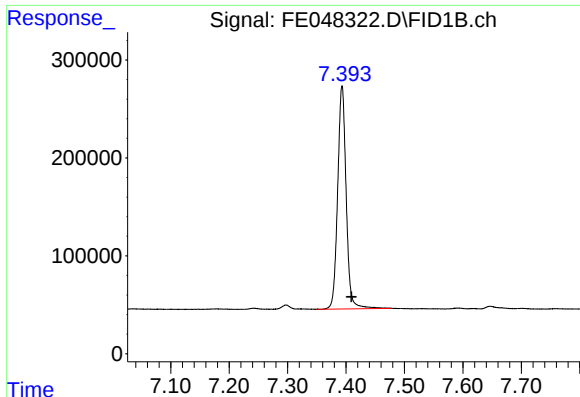
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 2449980
Conc: 17.74 ug/ml



#4 n-Dodecane (C12)

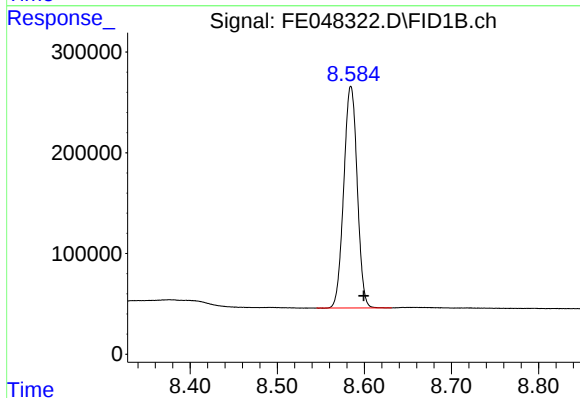
R.T.: 6.756 min
Delta R.T.: -0.015 min
Response: 2443280
Conc: 18.33 ug/ml



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

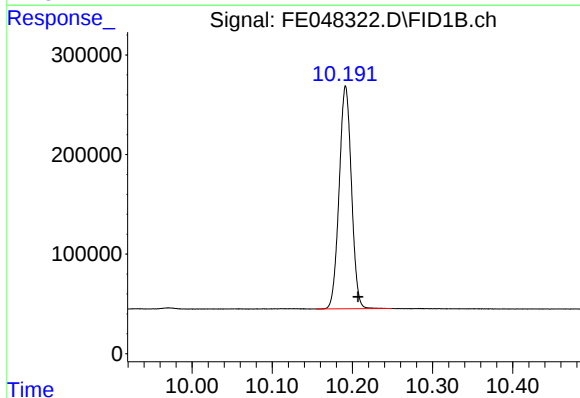
R.T.: 7.393 min
Delta R.T.: -0.016 min
Response: 2305195
Conc: 17.32 ug/ml

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20 PPM ALIPHATIC HC STD



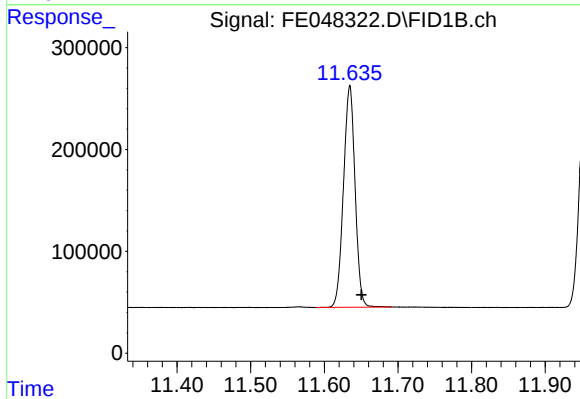
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.015 min
Response: 2363906
Conc: 17.84 ug/ml



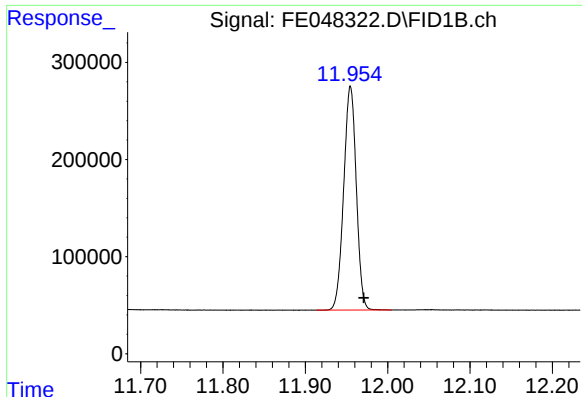
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 2382917
Conc: 17.33 ug/ml



#8 n-Octadecane (C18)

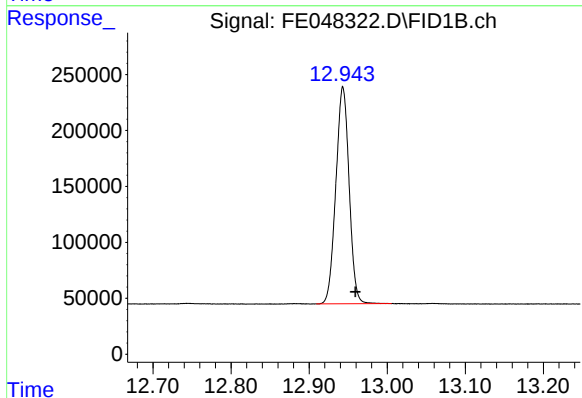
R.T.: 11.635 min
Delta R.T.: -0.016 min
Response: 2377881
Conc: 17.07 ug/ml



#9 ortho-Terphenyl (SURR)

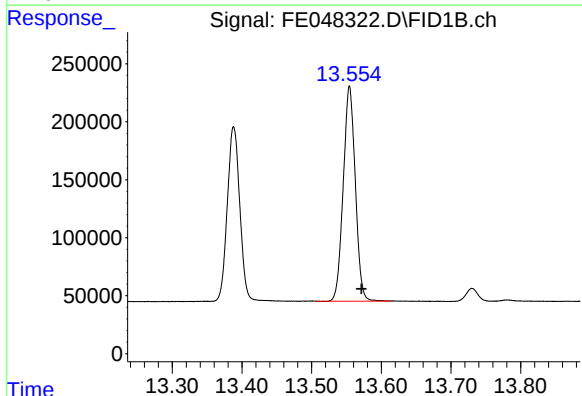
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 2448406
Conc: 16.97 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



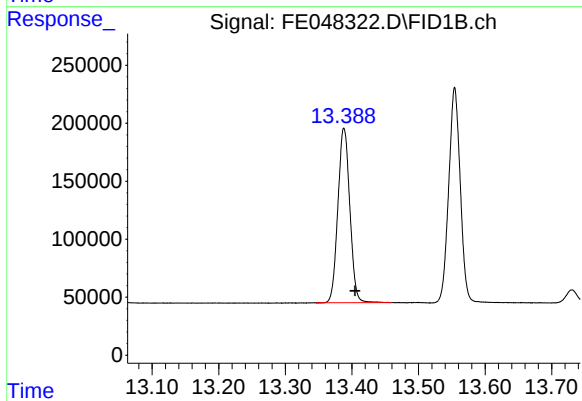
#10 n-Eicosane (C20)

R.T.: 12.943 min
Delta R.T.: -0.016 min
Response: 2290919
Conc: 17.01 ug/ml



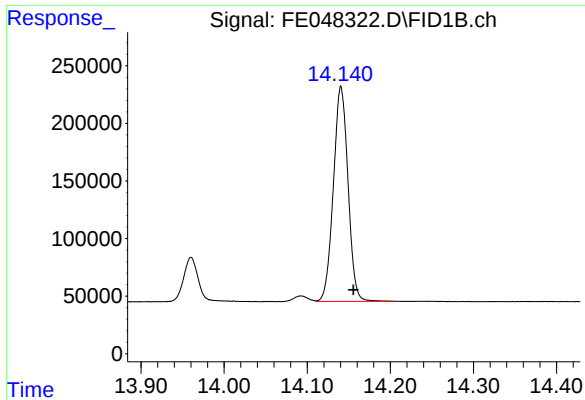
#11 n-Heneicosane (C21)

R.T.: 13.554 min
Delta R.T.: -0.017 min
Response: 2228100
Conc: 16.83 ug/ml



#12 1-chlorooctadecane (SURR)

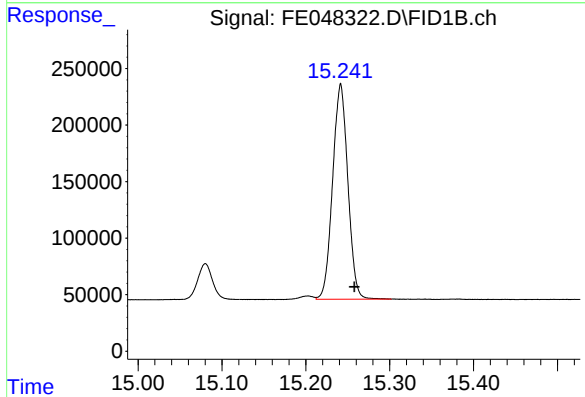
R.T.: 13.388 min
Delta R.T.: -0.017 min
Response: 1874467
Conc: 16.78 ug/ml



#13 n-Docosane (C22)

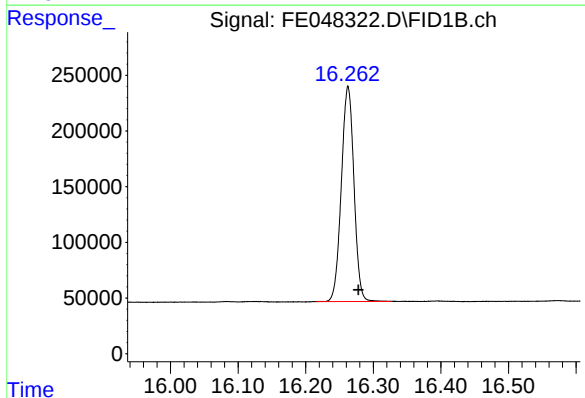
R.T.: 14.141 min
Delta R.T.: -0.015 min
Response: 2281416
Conc: 17.22 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



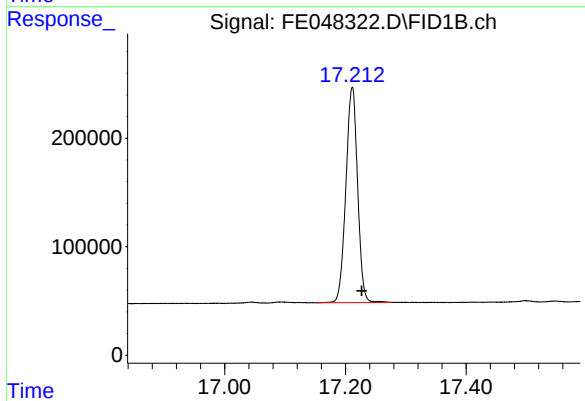
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 2405610
Conc: 18.07 ug/ml



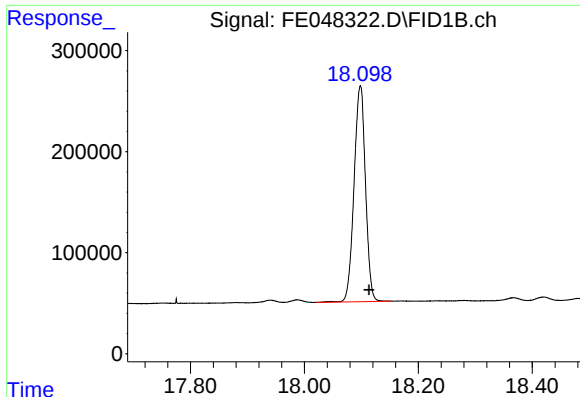
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2502471
Conc: 18.75 ug/ml



#16 n-Octacosane (C28)

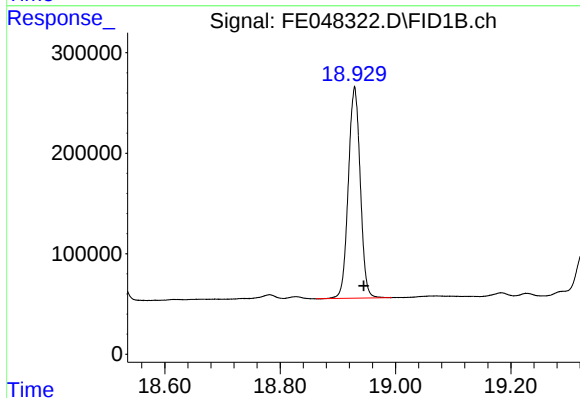
R.T.: 17.211 min
Delta R.T.: -0.016 min
Response: 2676680
Conc: 20.10 ug/ml



#17 n-Tricontane (C30)

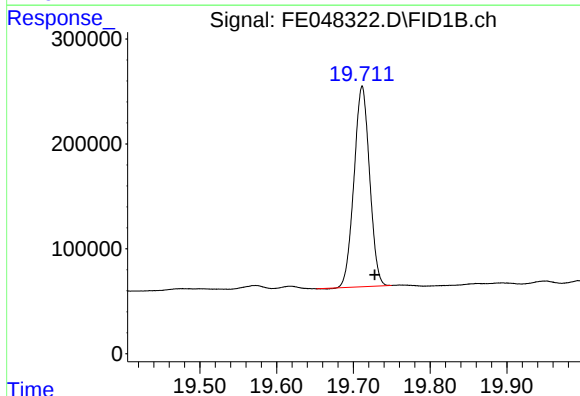
R.T.: 18.098 min
Delta R.T.: -0.015 min
Response: 2977658
Conc: 21.58 ug/ml

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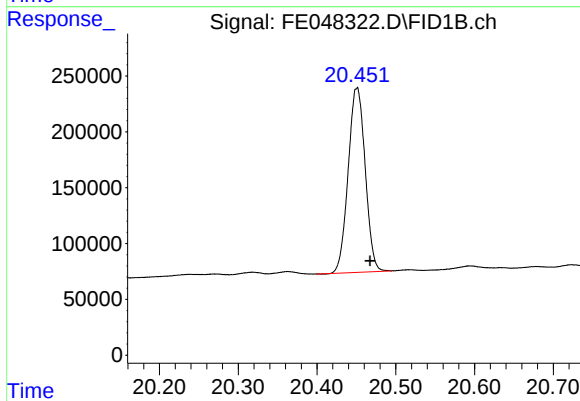
#18 n-Dotriacontane (C32)

R.T.: 18.929 min
Delta R.T.: -0.016 min
Response: 3018700
Conc: 21.85 ug/ml



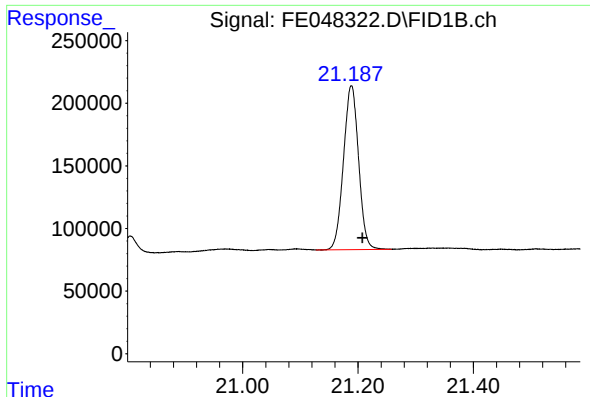
#19 n-Tetratriacontane (C34)

R.T.: 19.711 min
Delta R.T.: -0.016 min
Response: 2697851
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

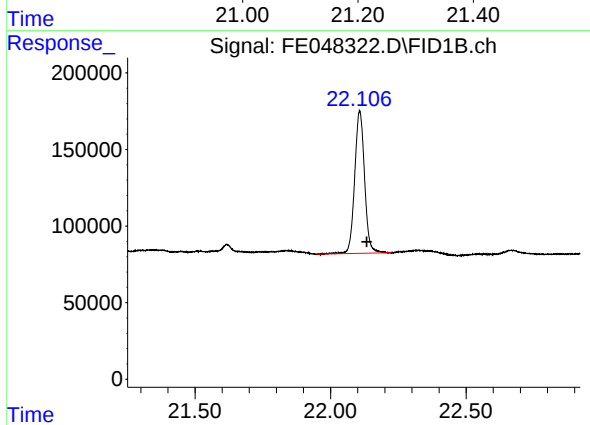
R.T.: 20.451 min
Delta R.T.: -0.017 min
Response: 2480714
Conc: 18.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.189 min
Delta R.T.: -0.019 min
Response: 2375190
Conc: 17.20 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.107 min
Delta R.T.: -0.027 min
Response: 2366037
Conc: 16.98 ug/ml