

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
 Data File : FE048299.D
 Signal(s) : FID1B.ch
 Acq On : 21 May 2024 00:08
 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 21 01:27:14 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	2387965	16.553 ug/ml
Spiked Amount 50.000		Recovery =	33.11%
12) S 1-chlorooctadecane (S...	13.389	1830827	16.385 ug/ml
Spiked Amount 50.000		Recovery =	32.77%
Target Compounds			
1) T n-Nonane (C9)	3.343	2244139	17.413 ug/ml
2) T n-Decane (C10)	4.592	2408475	18.294 ug/ml
3) T A~Naphthalene (C11.7)	6.298	2371218	17.172 ug/ml
4) T n-Dodecane (C12)	6.757	2385139	17.891 ug/ml
5) T A~2-methylnaphthalene...	7.394	2247345	16.888 ug/ml
6) T n-Tetradecane (C14)	8.585	2301169	17.364 ug/ml
7) T n-Hexadecane (C16)	10.192	2323685	16.895 ug/ml
8) T n-Octadecane (C18)	11.635	2325629	16.695 ug/ml
10) T n-Eicosane (C20)	12.944	2235083	16.600 ug/ml
11) T n-Heneicosane (C21)	13.555	2176033	16.438 ug/ml
13) T n-Docosane (C22)	14.141	2229249	16.822 ug/ml
14) T n-Tetracosane (C24)	15.242	2358140	17.710 ug/ml
15) T n-Hexacosane (C26)	16.263	2453753	18.388 ug/ml
16) T n-Octacosane (C28)	17.211	2626740	19.728 ug/ml
17) T n-Tricontane (C30)	18.099	2913797	21.112 ug/ml
18) T n-Dotriacontane (C32)	18.930	2958507	21.419 ug/ml
19) T n-Tetratriacontane (C34)	19.713	2652637	19.473 ug/ml
20) T n-Hexatriacontane (C36)	20.452	2448677	18.085 ug/ml
21) T n-Octatriacontane (C38)	21.190	2364841	17.128 ug/ml
22) T n-Tetracontane (C40)	22.108	2298717	16.499 ug/ml

(f)=RT Delta > 1/2 Window

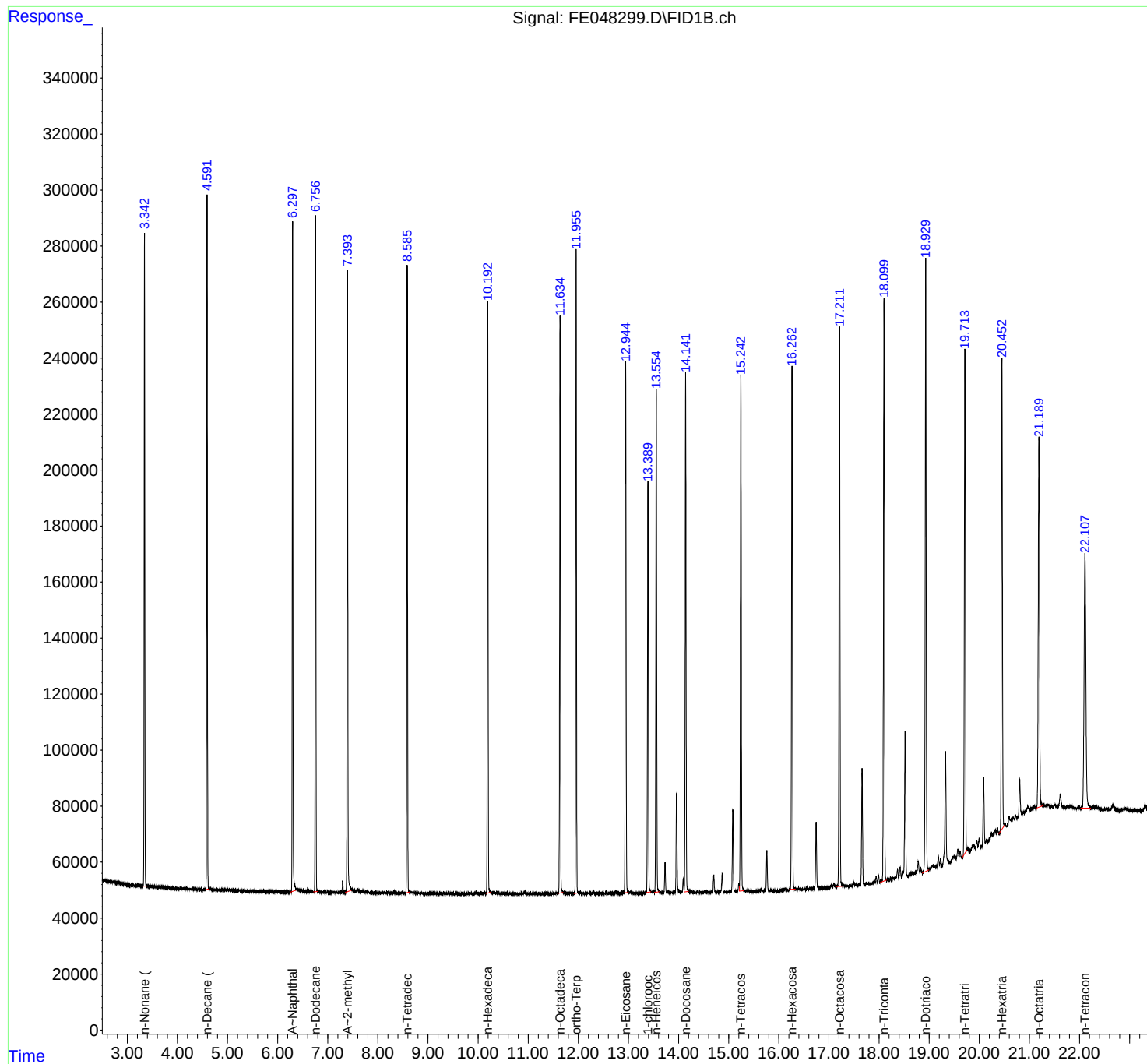
(m)=manual int.

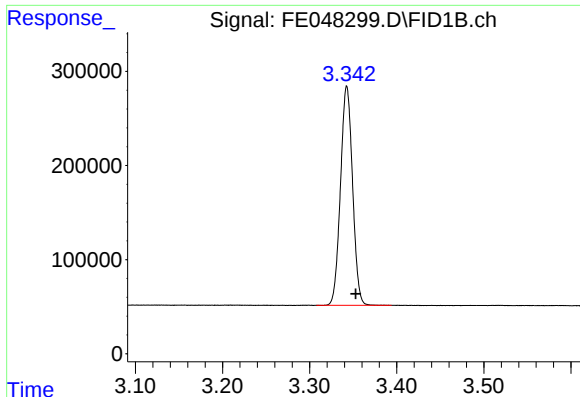
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052024AL\
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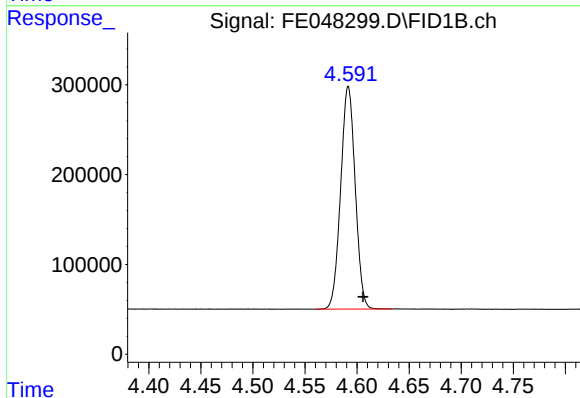




#1 n-Nonane (C9)

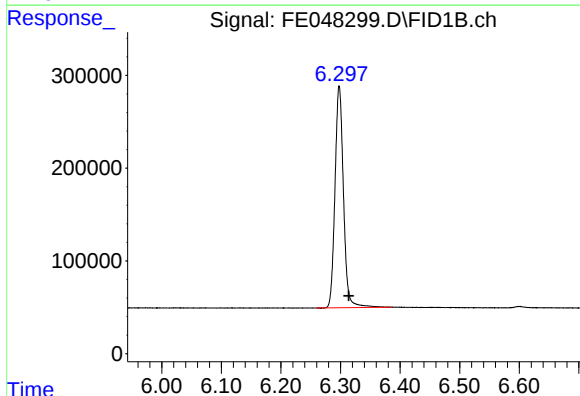
R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 2244139
Conc: 17.41 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



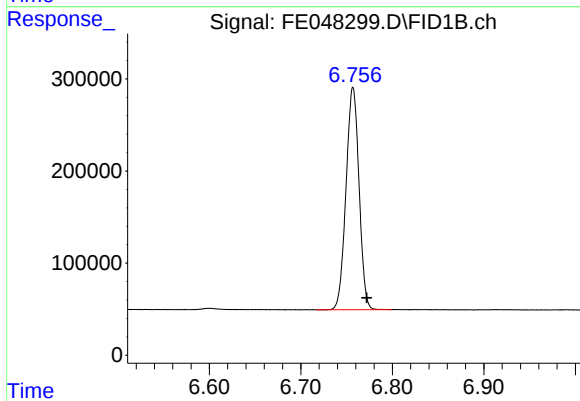
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: -0.014 min
Response: 2408475
Conc: 18.29 ug/ml



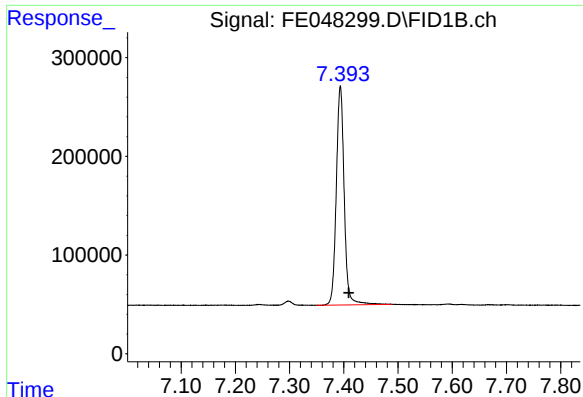
#3 A~Naphthalene (C11.7)

R.T.: 6.298 min
Delta R.T.: -0.016 min
Response: 2371218
Conc: 17.17 ug/ml



#4 n-Dodecane (C12)

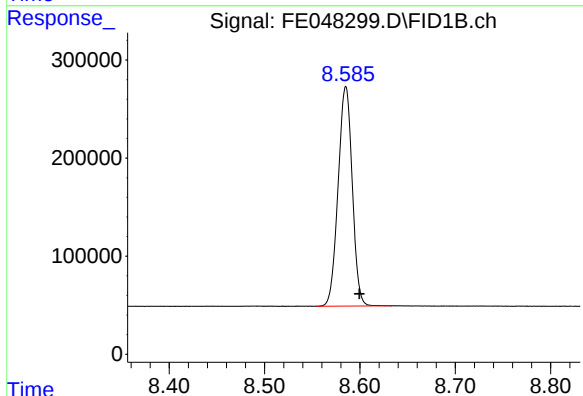
R.T.: 6.757 min
Delta R.T.: -0.015 min
Response: 2385139
Conc: 17.89 ug/ml



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

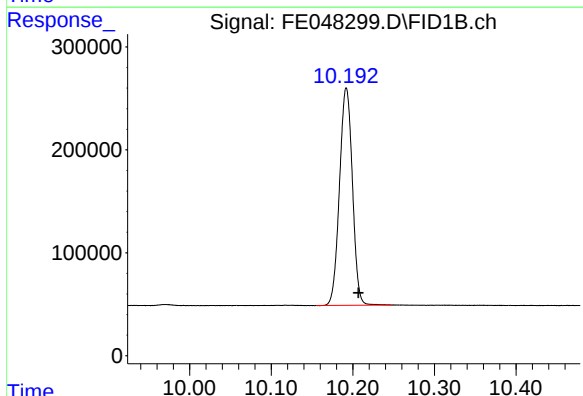
R.T.: 7.394 min
Delta R.T.: -0.015 min
Response: 2247345
Conc: 16.89 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



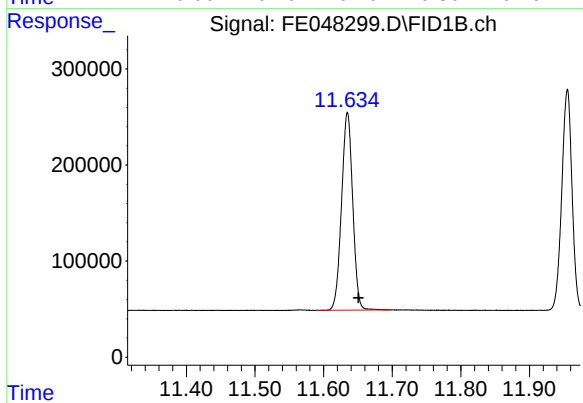
#6 n-Tetradecane (C14)

R.T.: 8.585 min
Delta R.T.: -0.014 min
Response: 2301169
Conc: 17.36 ug/ml



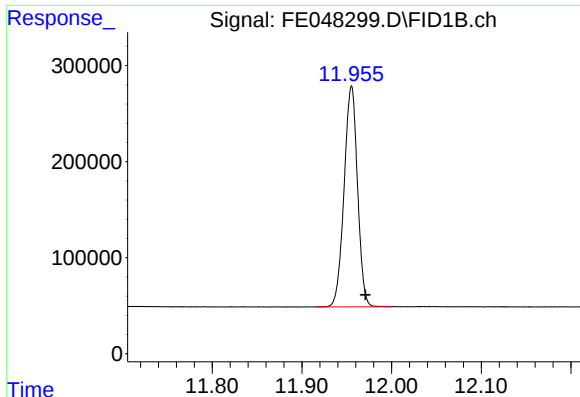
#7 n-Hexadecane (C16)

R.T.: 10.192 min
Delta R.T.: -0.015 min
Response: 2323685
Conc: 16.90 ug/ml



#8 n-Octadecane (C18)

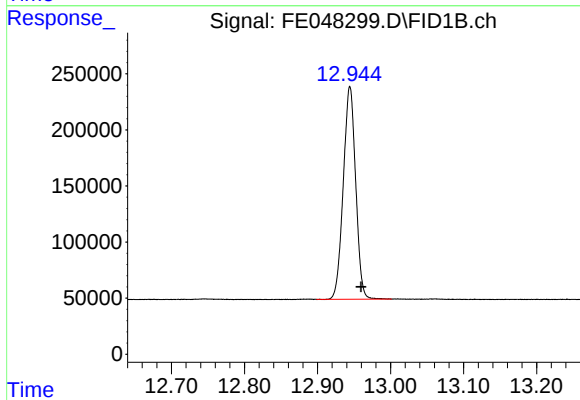
R.T.: 11.635 min
Delta R.T.: -0.016 min
Response: 2325629
Conc: 16.70 ug/ml



#9 ortho-Terphenyl (SURR)

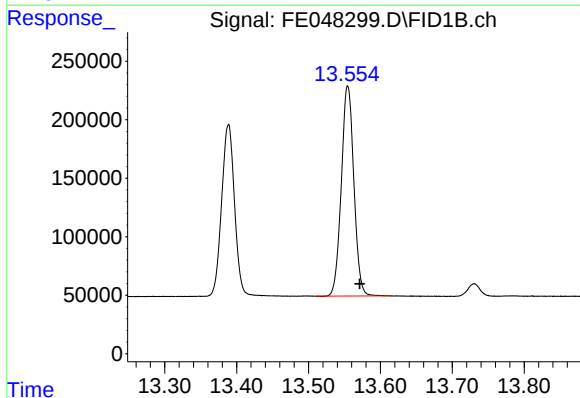
R.T.: 11.955 min
Delta R.T.: -0.016 min
Response: 2387965
Conc: 16.55 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



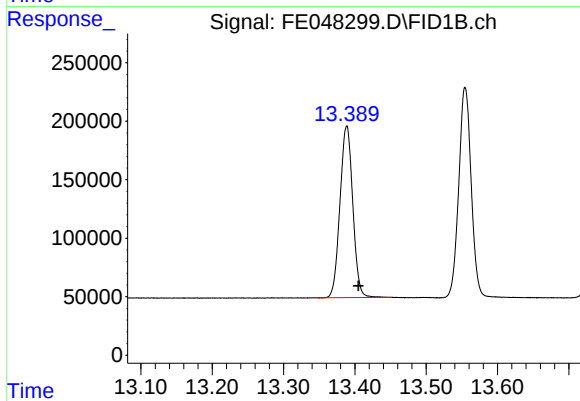
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: -0.015 min
Response: 2235083
Conc: 16.60 ug/ml



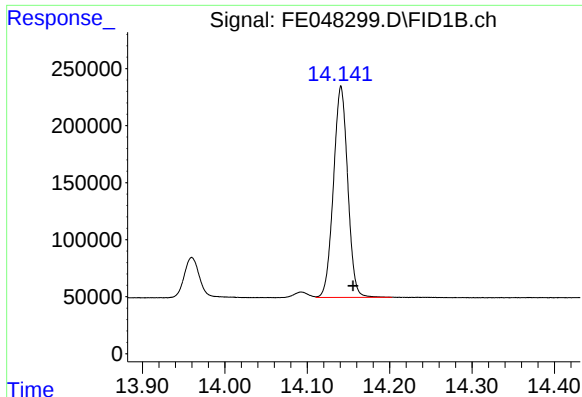
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: -0.017 min
Response: 2176033
Conc: 16.44 ug/ml



#12 1-chlorooctadecane (SURR)

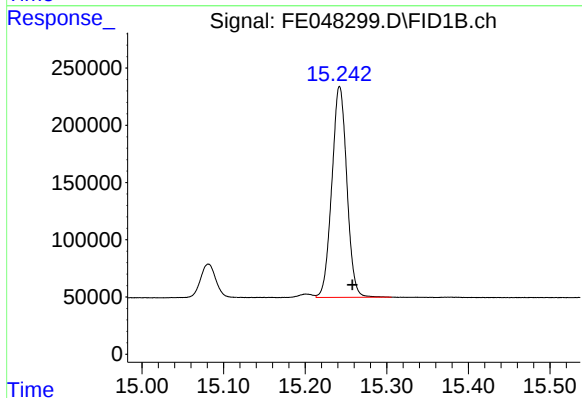
R.T.: 13.389 min
Delta R.T.: -0.016 min
Response: 1830827
Conc: 16.38 ug/ml



#13 n-Docosane (C22)

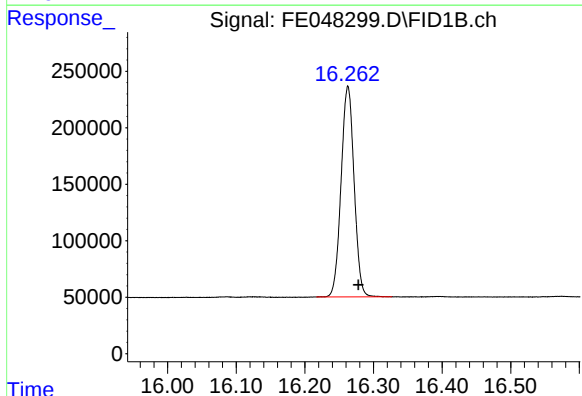
R.T.: 14.141 min
Delta R.T.: -0.014 min
Response: 2229249
Conc: 16.82 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



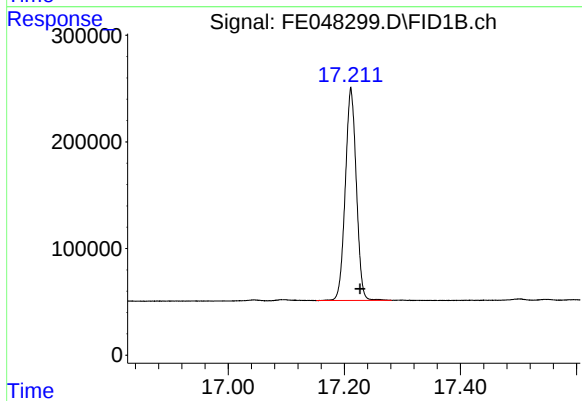
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 2358140
Conc: 17.71 ug/ml



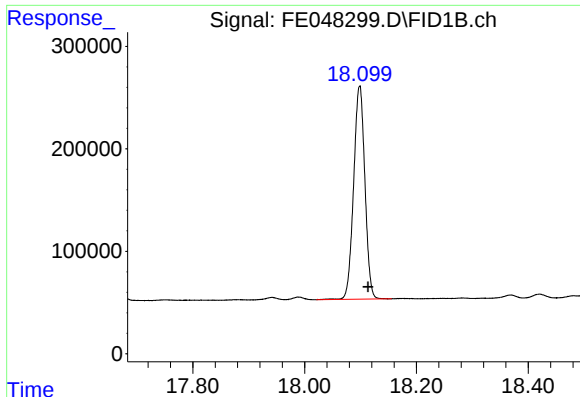
#15 n-Hexacosane (C26)

R.T.: 16.263 min
Delta R.T.: -0.015 min
Response: 2453753
Conc: 18.39 ug/ml



#16 n-Octacosane (C28)

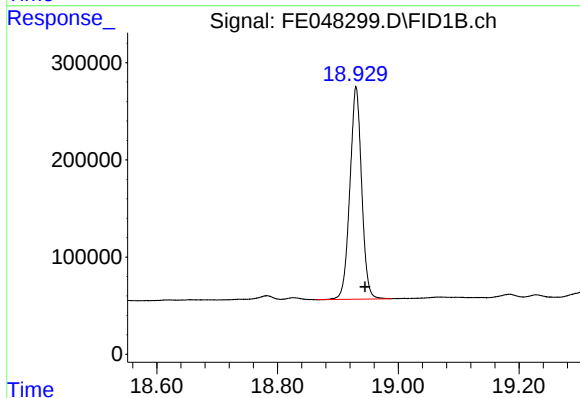
R.T.: 17.211 min
Delta R.T.: -0.016 min
Response: 2626740
Conc: 19.73 ug/ml



#17 n-Tricontane (C30)

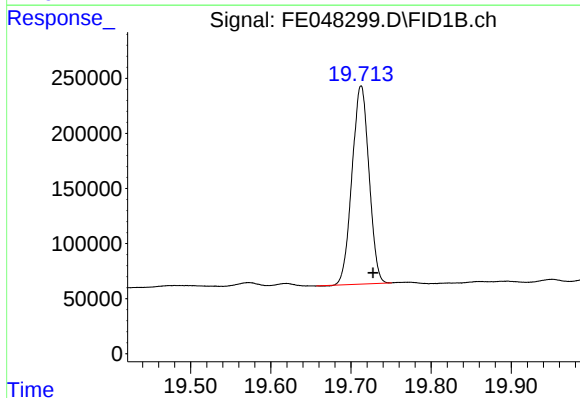
R.T.: 18.099 min
Delta R.T.: -0.015 min
Response: 2913797
Conc: 21.11 ug/ml

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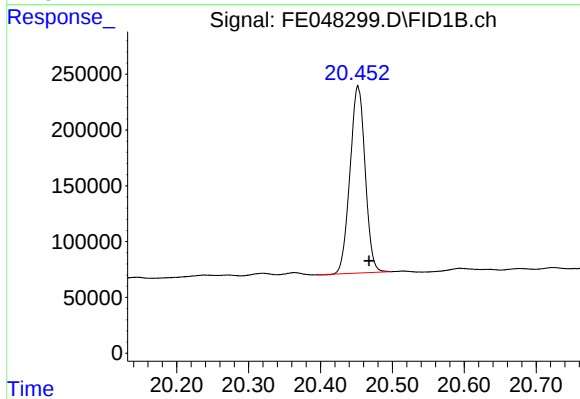
#18 n-Dotriacontane (C32)

R.T.: 18.930 min
Delta R.T.: -0.015 min
Response: 2958507
Conc: 21.42 ug/ml



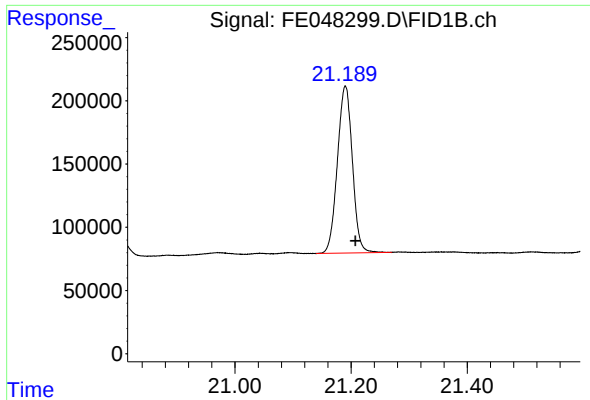
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.015 min
Response: 2652637
Conc: 19.47 ug/ml



#20 n-Hexatriacontane (C36)

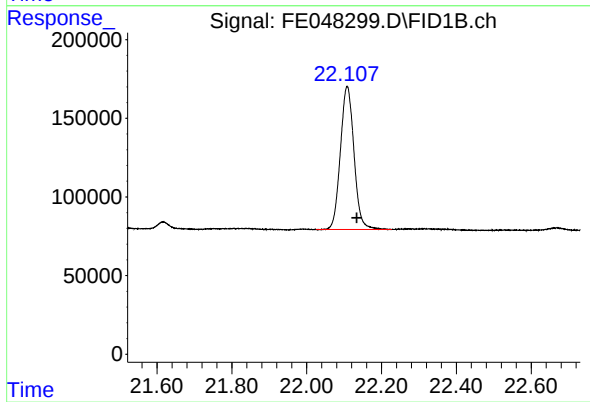
R.T.: 20.452 min
Delta R.T.: -0.015 min
Response: 2448677
Conc: 18.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.017 min
Response: 2364841
Conc: 17.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.026 min
Response: 2298717
Conc: 16.50 ug/ml