

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040125AL\
 Data File : FE053093.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2025 11:03
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Apr 02 04:45:34 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032925.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 31 02:44:53 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)	11.894	3318600	20.374 ug/ml
Spiked Amount 50.000		Recovery =	40.75%
12) S 1-chlorooctadecane (S...	13.338	2443734	20.357 ug/ml
Spiked Amount 50.000		Recovery =	40.71%
Target Compounds			
1) T n-Nonane (C9)	3.240	3167556	20.457 ug/ml
2) T n-Decane (C10)	4.501	3240630	20.660 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3450200	20.538 ug/ml
4) T n-Dodecane (C12)	6.681	3225683	20.625 ug/ml
5) T A~2-methylnaphthalene...	7.315	3284874	20.587 ug/ml
6) T n-Tetradecane (C14)	8.517	3159258	20.633 ug/ml
7) T n-Hexadecane (C16)	10.131	3208986	20.818 ug/ml
8) T n-Octadecane (C18)	11.579	3159840	20.834 ug/ml
10) T n-Eicosane (C20)	12.893	2968237	20.819 ug/ml
11) T n-Heneicosane (C21)	13.507	2884955	20.789 ug/ml
13) T n-Docosane (C22)	14.095	2860709	20.888 ug/ml
14) T n-Tetracosane (C24)	15.201	2843041	21.050 ug/ml
15) T n-Hexacosane (C26)	16.224	2819590	21.135 ug/ml
16) T n-Octacosane (C28)	17.176	2804403	21.251 ug/ml
17) T n-Tricontane (C30)	18.066	2935361	21.657 ug/ml
18) T n-Dotriacontane (C32)	18.901	2927455	21.755 ug/ml
19) T n-Tetratriacontane (C34)	19.685	2654074	20.511 ug/ml
20) T n-Hexatriacontane (C36)	20.429	2396760	20.176 ug/ml
21) T n-Octatriacontane (C38)	21.168	2315431	20.145 ug/ml
22) T n-Tetracontane (C40)	22.084	2242260	19.964 ug/ml

(f)=RT Delta > 1/2 Window

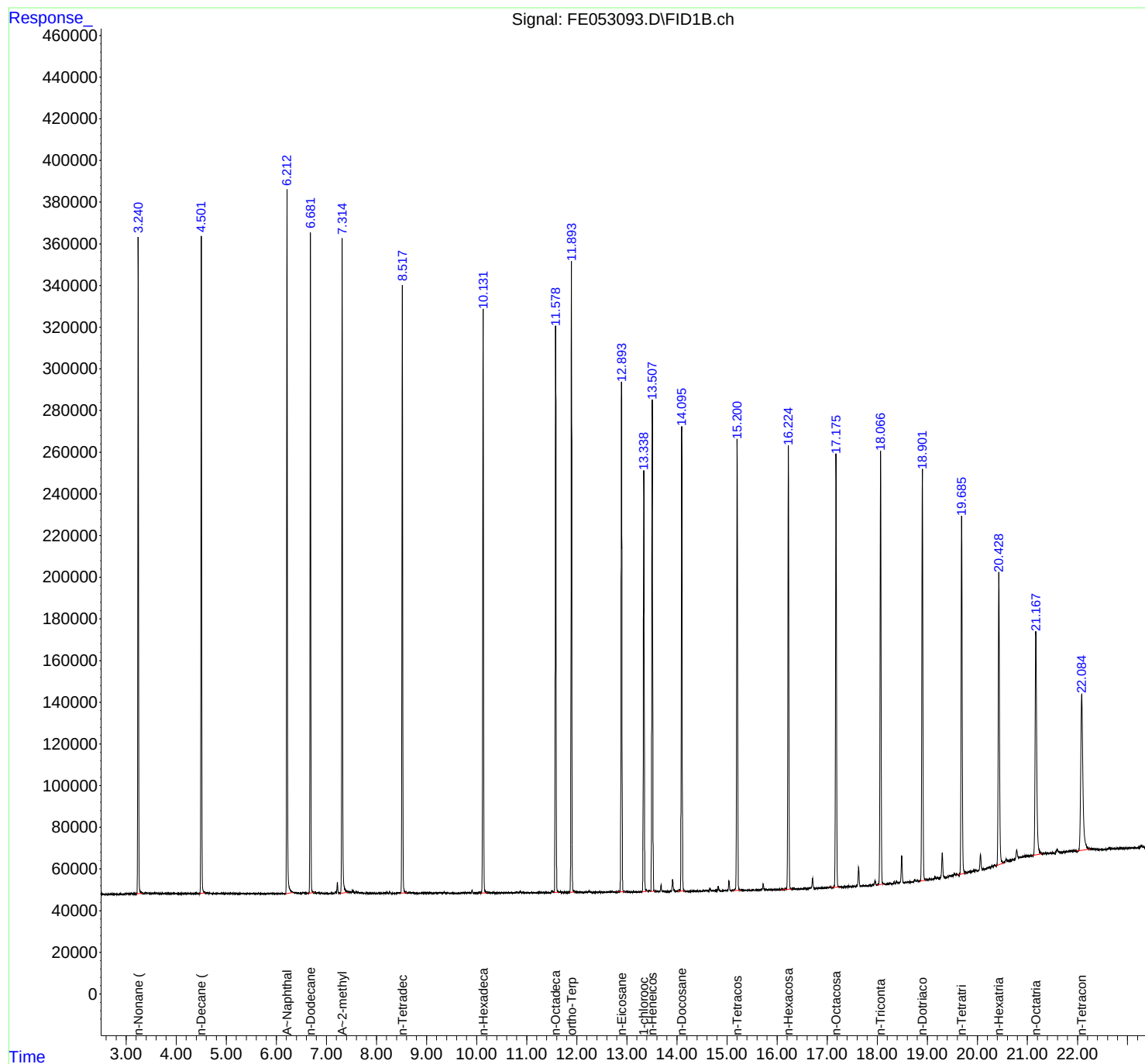
(m)=manual int.

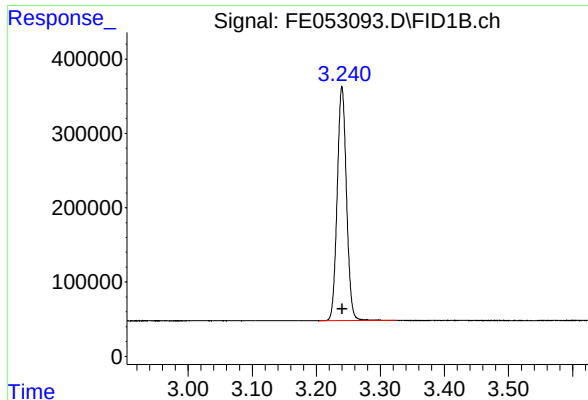
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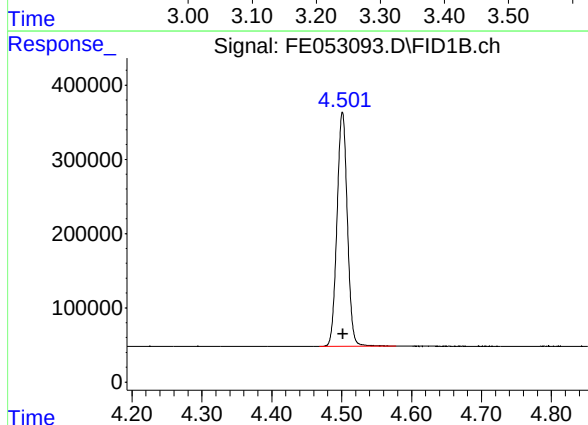




#1 n-Nonane (C9)

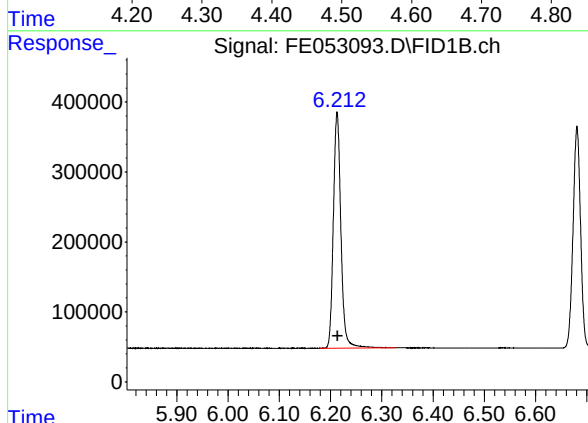
R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 3167556
Conc: 20.46 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



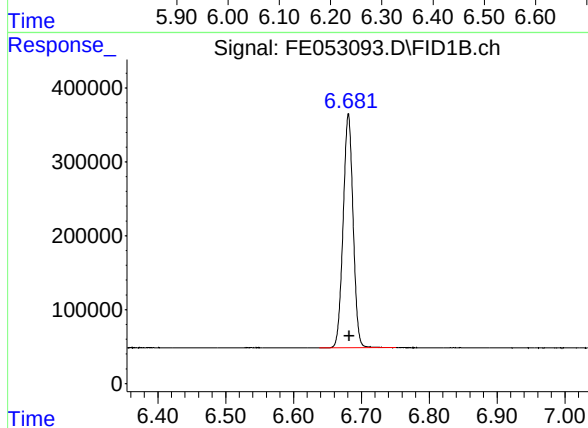
#2 n-Decane (C10)

R.T.: 4.501 min
Delta R.T.: 0.000 min
Response: 3240630
Conc: 20.66 ug/ml



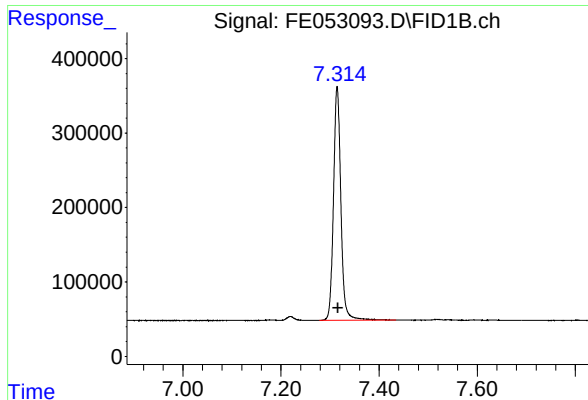
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 3450200
Conc: 20.54 ug/ml



#4 n-Dodecane (C12)

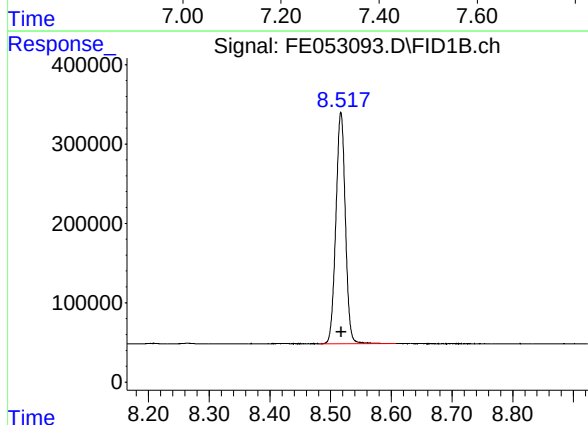
R.T.: 6.681 min
Delta R.T.: -0.001 min
Response: 3225683
Conc: 20.62 ug/ml



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

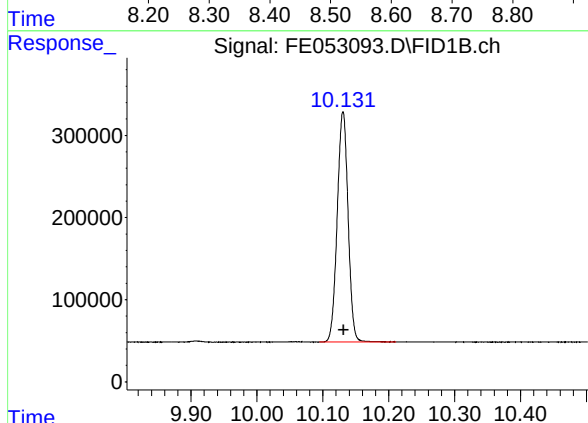
R.T.: 7.315 min
Delta R.T.: -0.002 min
Response: 3284874
Conc: 20.59 ug/ml

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20 PPM ALIPHATIC HC STD



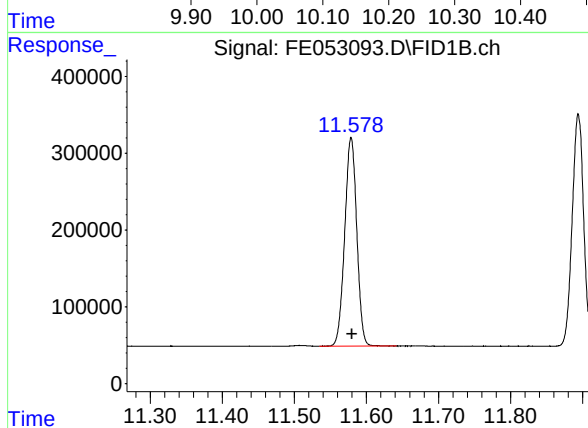
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.001 min
Response: 3159258
Conc: 20.63 ug/ml



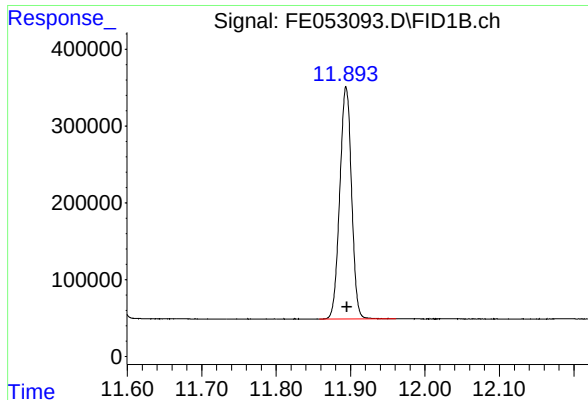
#7 n-Hexadecane (C16)

R.T.: 10.131 min
Delta R.T.: -0.001 min
Response: 3208986
Conc: 20.82 ug/ml



#8 n-Octadecane (C18)

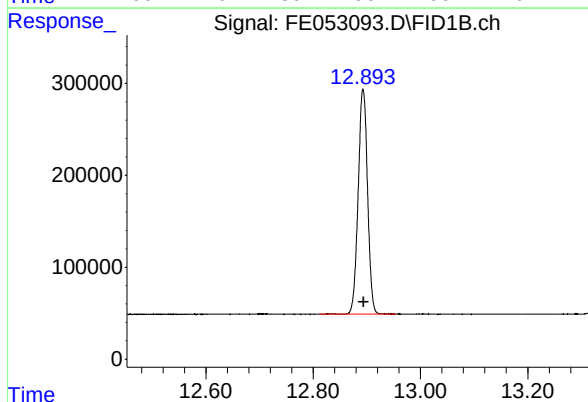
R.T.: 11.579 min
Delta R.T.: -0.001 min
Response: 3159840
Conc: 20.83 ug/ml



#9 ortho-Terphenyl (SURR)

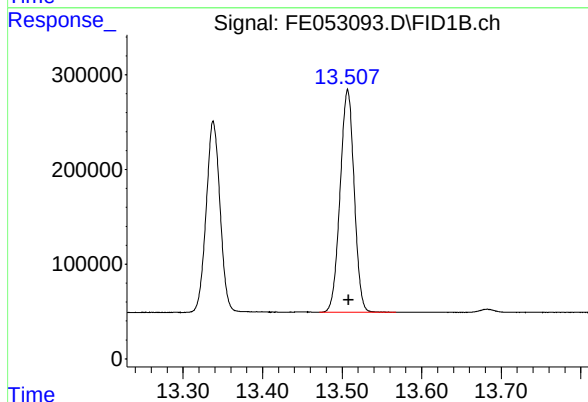
R.T.: 11.894 min
Delta R.T.: -0.001 min
Response: 3318600
Conc: 20.37 ug/ml

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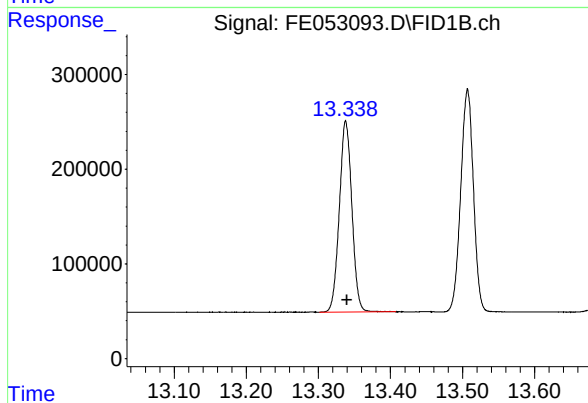
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: 0.000 min
Response: 2968237
Conc: 20.82 ug/ml



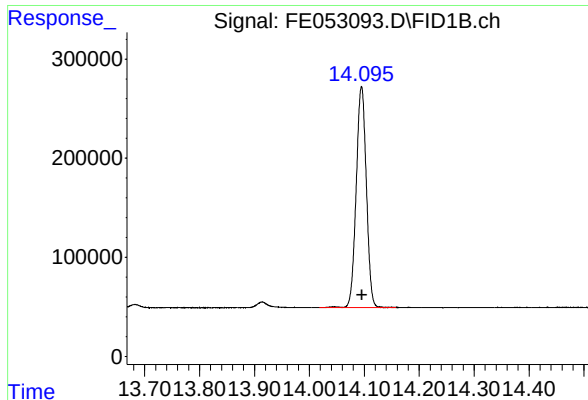
#11 n-Heneicosane (C21)

R.T.: 13.507 min
Delta R.T.: -0.001 min
Response: 2884955
Conc: 20.79 ug/ml



#12 1-chlorooctadecane (SURR)

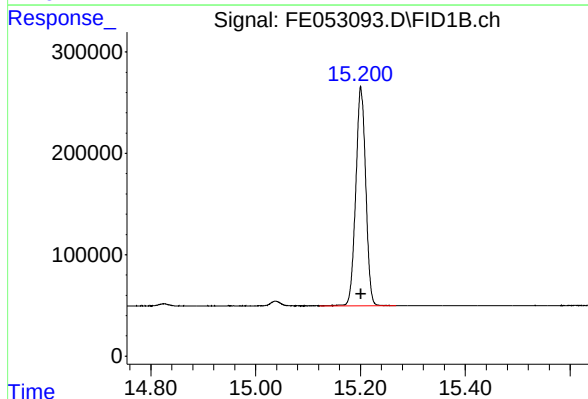
R.T.: 13.338 min
Delta R.T.: -0.002 min
Response: 2443734
Conc: 20.36 ug/ml



#13 n-Docosane (C22)

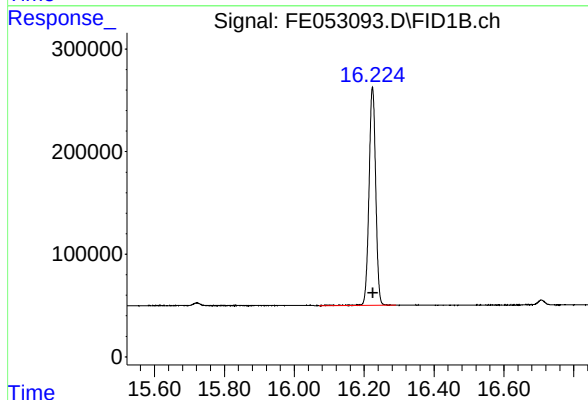
R.T.: 14.095 min
Delta R.T.: 0.000 min
Response: 2860709
Conc: 20.89 ug/ml

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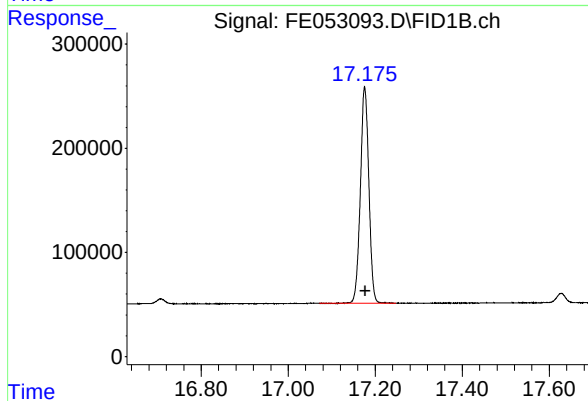
#14 n-Tetracosane (C24)

R.T.: 15.201 min
Delta R.T.: 0.000 min
Response: 2843041
Conc: 21.05 ug/ml



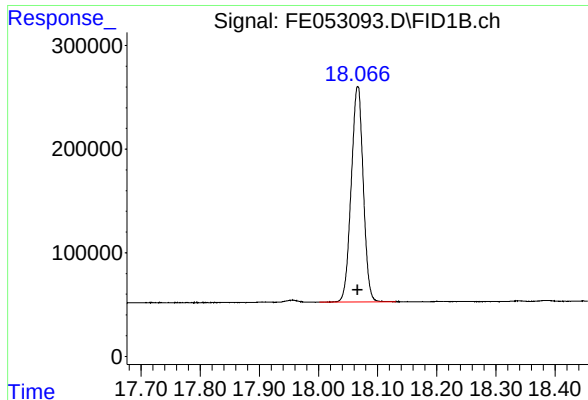
#15 n-Hexacosane (C26)

R.T.: 16.224 min
Delta R.T.: -0.002 min
Response: 2819590
Conc: 21.14 ug/ml



#16 n-Octacosane (C28)

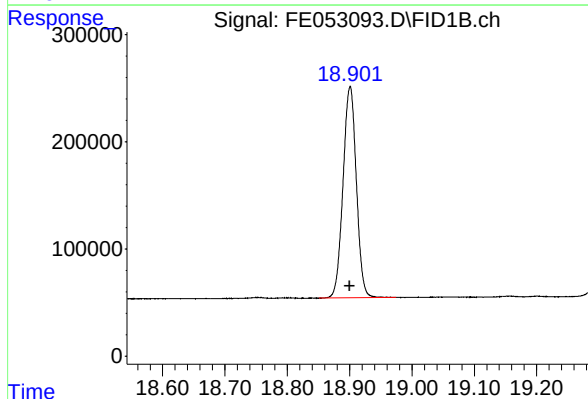
R.T.: 17.176 min
Delta R.T.: 0.000 min
Response: 2804403
Conc: 21.25 ug/ml



#17 n-Tricontane (C30)

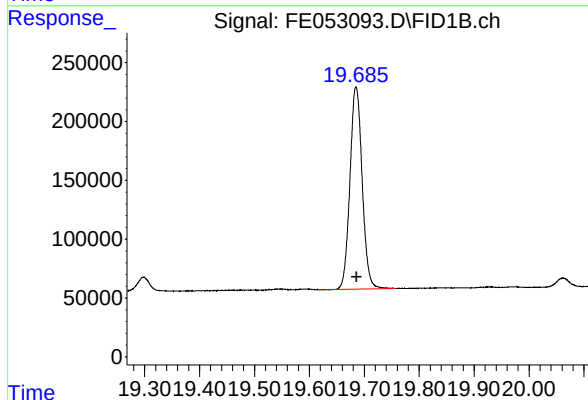
R.T.: 18.066 min
Delta R.T.: 0.000 min
Response: 2935361
Conc: 21.66 ug/ml

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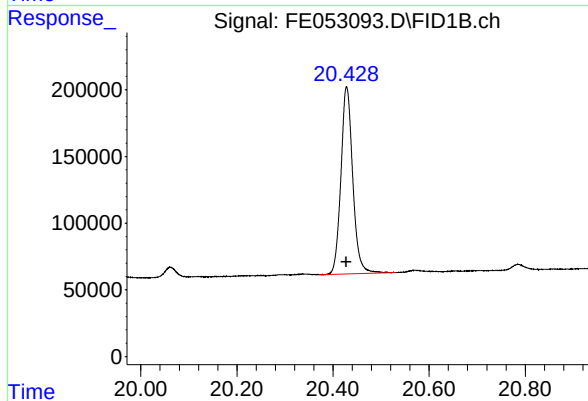
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: 0.000 min
Response: 2927455
Conc: 21.76 ug/ml



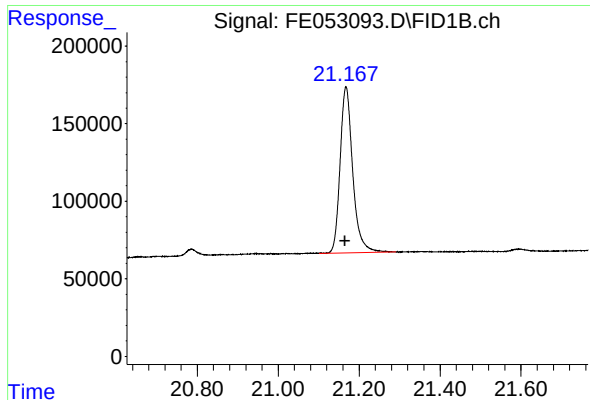
#19 n-Tetatriacontane (C34)

R.T.: 19.685 min
Delta R.T.: 0.000 min
Response: 2654074
Conc: 20.51 ug/ml



#20 n-Hexatriacontane (C36)

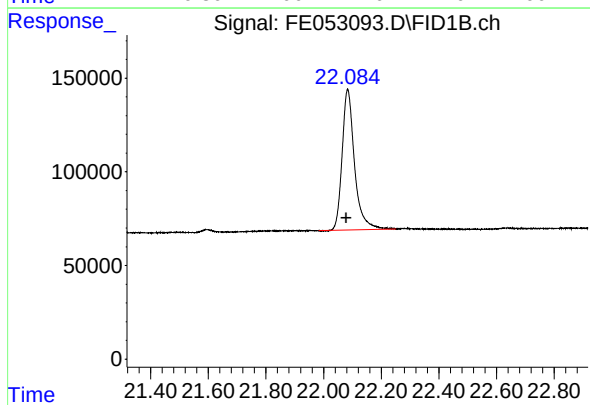
R.T.: 20.429 min
Delta R.T.: 0.000 min
Response: 2396760
Conc: 20.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.168 min
Delta R.T.: 0.003 min
Response: 2315431
Conc: 20.15 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: 0.005 min
Response: 2242260
Conc: 19.96 ug/ml