

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
 Data File : FE051784.D
 Signal(s) : FID1B.ch
 Acq On : 27 Dec 2024 15:00
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Integration File: autoint1.e
 Quant Time: Dec 27 15:23:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 122724.M
 Quant Title : GC Extractables
 QLast Update : Fri Dec 27 13:22:17 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)	12.025	2973880	19.634 ug/ml
Spiked Amount 50.000		Recovery =	39.27%
12) S 1-chlorooctadecane (S...	13.447	2280382	19.602 ug/ml
Spiked Amount 50.000		Recovery =	39.20%
Target Compounds			
1) T n-Nonane (C9)	3.483	2289321	19.738 ug/ml
2) T n-Decane (C10)	4.718	2374027	19.729 ug/ml
3) T A~Naphthalene (C11.7)	6.410	2753546	19.810 ug/ml
4) T n-Dodecane (C12)	6.859	2478907	19.730 ug/ml
5) T A~2-methylnaphthalene...	7.494	2710703	19.803 ug/ml
6) T n-Tetradecane (C14)	8.673	2535255	19.716 ug/ml
7) T n-Hexadecane (C16)	10.269	2680461	19.697 ug/ml
8) T n-Octadecane (C18)	11.702	2746400	19.614 ug/ml
10) T n-Eicosane (C20)	13.004	2658808	19.645 ug/ml
11) T n-Heneicosane (C21)	13.612	2611726	19.606 ug/ml
13) T n-Docosane (C22)	14.195	2587174	19.599 ug/ml
14) T n-Tetracosane (C24)	15.291	2541155	19.584 ug/ml
15) T n-Hexacosane (C26)	16.306	2457739	19.569 ug/ml
16) T n-Octacosane (C28)	17.251	2369065	19.624 ug/ml
17) T n-Tricontane (C30)	18.132	2359087	19.602 ug/ml
18) T n-Dotriacontane (C32)	18.961	2243394	19.602 ug/ml
19) T n-Tetratriacontane (C34)	19.740	1980396	19.635 ug/ml
20) T n-Hexatriacontane (C36)	20.475	1734249	19.458 ug/ml
21) T n-Octatriacontane (C38)	21.220	1686244	19.640 ug/ml
22) T n-Tetracontane (C40)	22.154	1702293	19.301 ug/ml

(f)=RT Delta > 1/2 Window

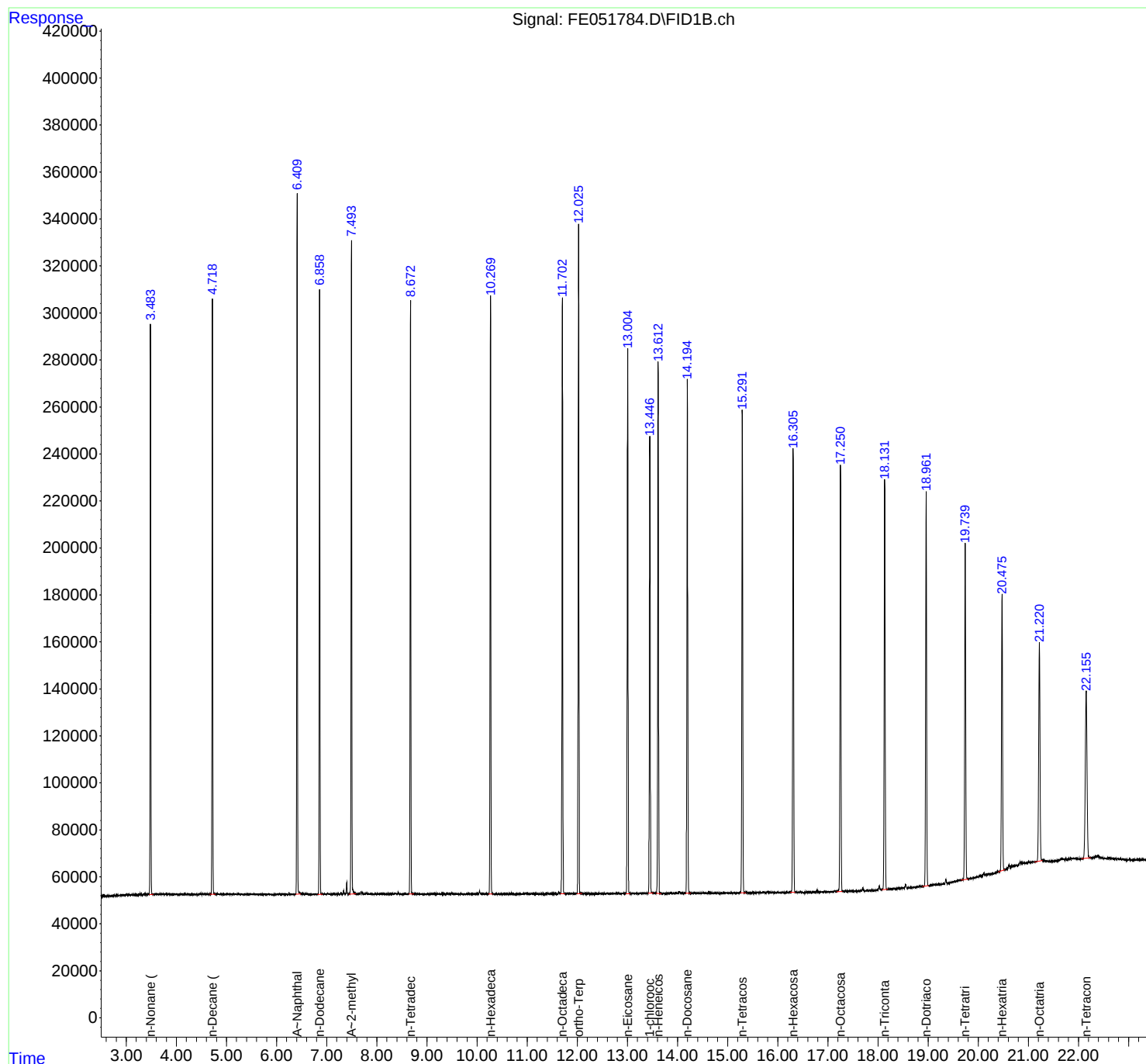
(m)=manual int.

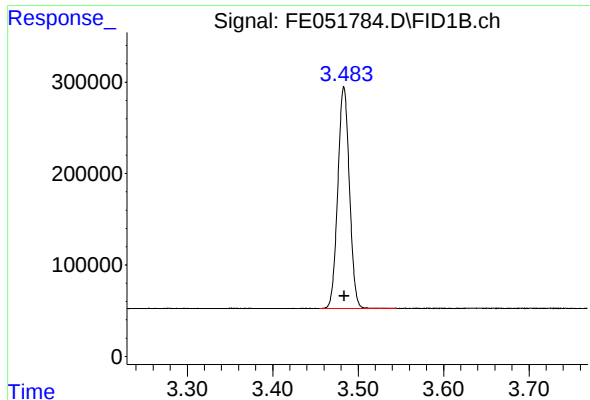
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122724AL\
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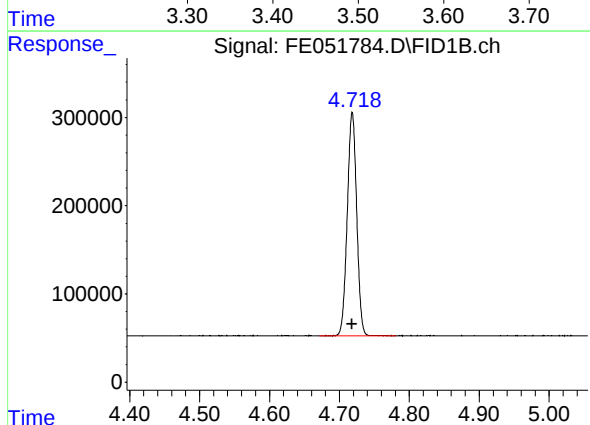




#1 n-Nonane (C9)

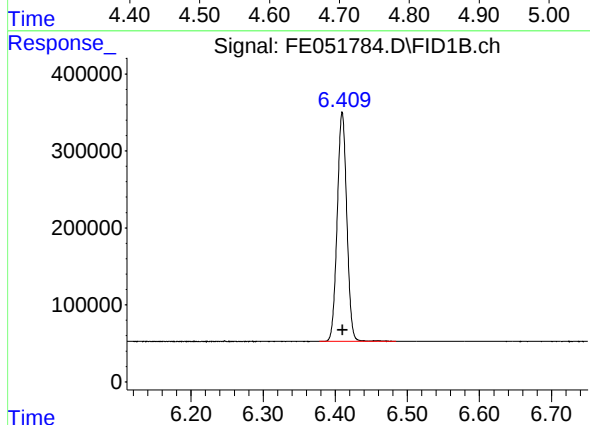
R.T.: 3.483 min
Delta R.T.: 0.000 min
Response: 2289321
Conc: 19.74 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



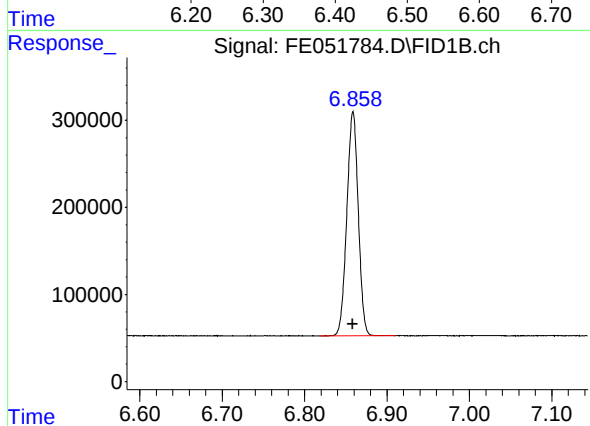
#2 n-Decane (C10)

R.T.: 4.718 min
Delta R.T.: 0.000 min
Response: 2374027
Conc: 19.73 ug/ml



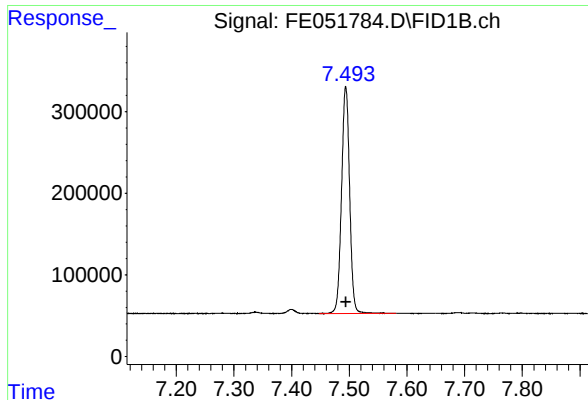
#3 A~Naphthalene (C11.7)

R.T.: 6.410 min
Delta R.T.: 0.000 min
Response: 2753546
Conc: 19.81 ug/ml



#4 n-Dodecane (C12)

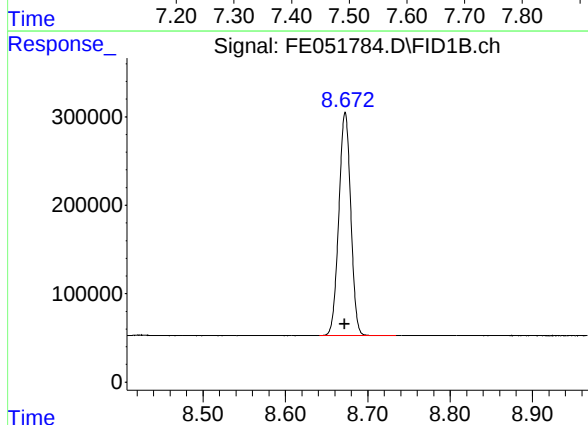
R.T.: 6.859 min
Delta R.T.: 0.000 min
Response: 2478907
Conc: 19.73 ug/ml



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

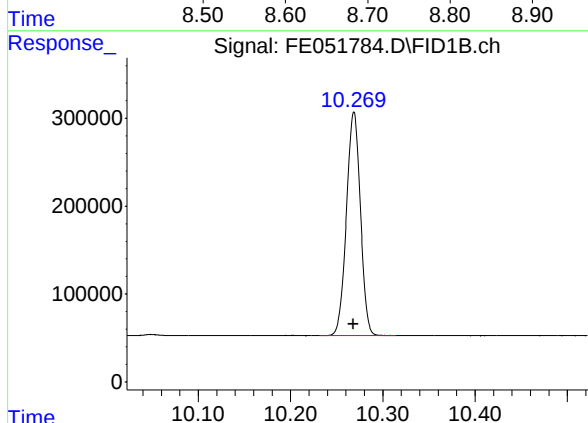
R.T.: 7.494 min
Delta R.T.: 0.000 min
Response: 2710703
Conc: 19.80 ug/ml

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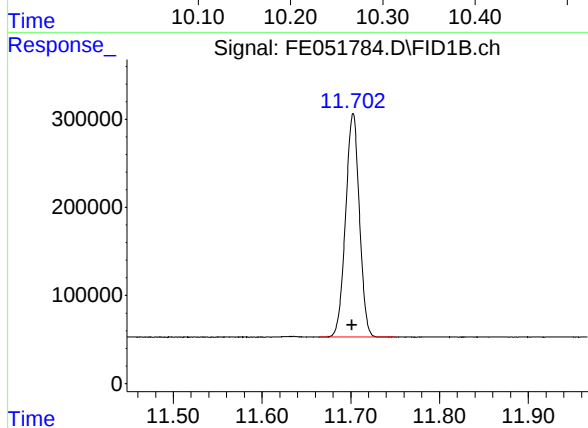
#6 n-Tetradecane (C14)

R.T.: 8.673 min
Delta R.T.: 0.000 min
Response: 2535255
Conc: 19.72 ug/ml



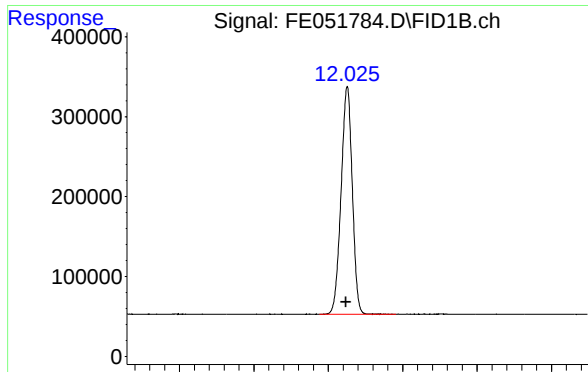
#7 n-Hexadecane (C16)

R.T.: 10.269 min
Delta R.T.: 0.000 min
Response: 2680461
Conc: 19.70 ug/ml



#8 n-Octadecane (C18)

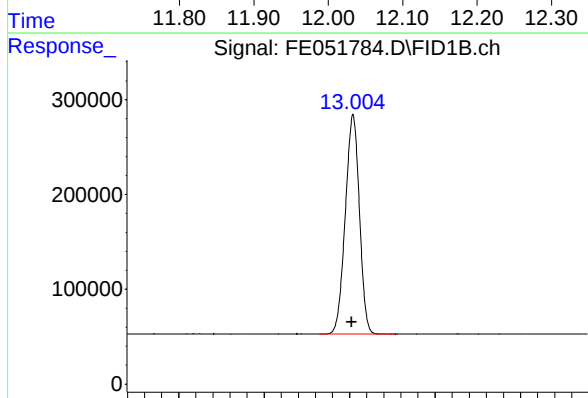
R.T.: 11.702 min
Delta R.T.: 0.000 min
Response: 2746400
Conc: 19.61 ug/ml



#9 ortho-Terphenyl (SURR)

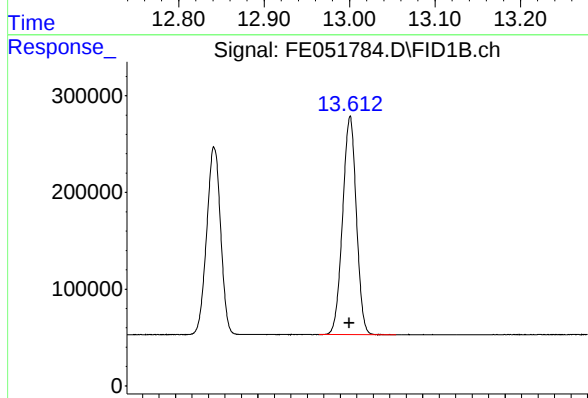
R.T.: 12.025 min
Delta R.T.: 0.001 min
Response: 2973880
Conc: 19.63 ug/ml

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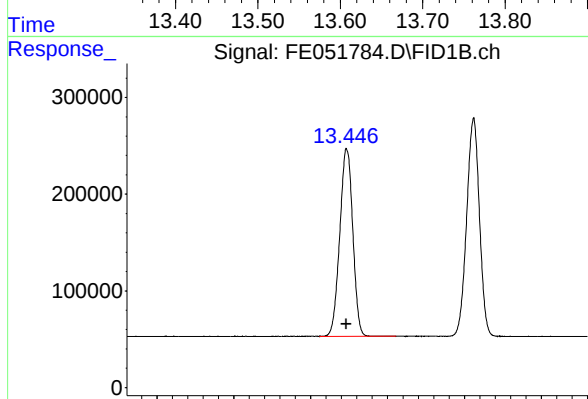
#10 n-Eicosane (C20)

R.T.: 13.004 min
Delta R.T.: 0.002 min
Response: 2658808
Conc: 19.64 ug/ml



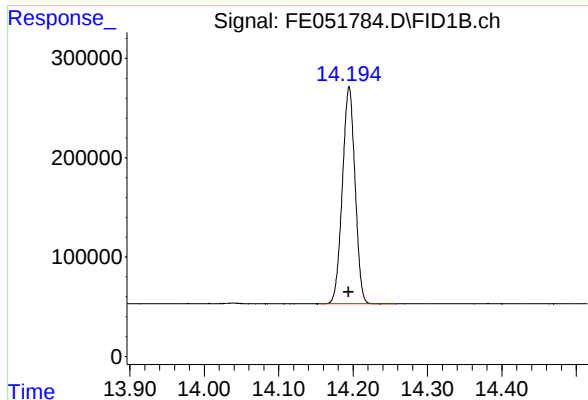
#11 n-Heneicosane (C21)

R.T.: 13.612 min
Delta R.T.: 0.000 min
Response: 2611726
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

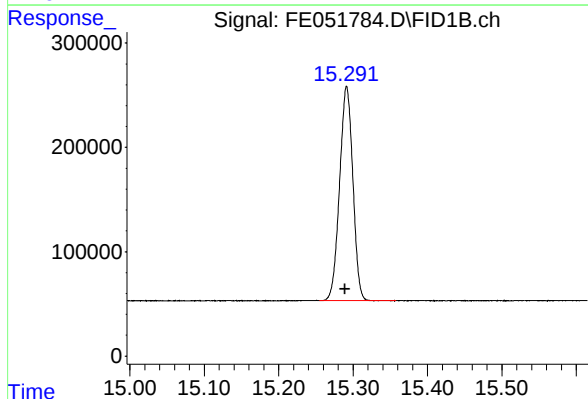
R.T.: 13.447 min
Delta R.T.: 0.000 min
Response: 2280382
Conc: 19.60 ug/ml



#13 n-Docosane (C22)

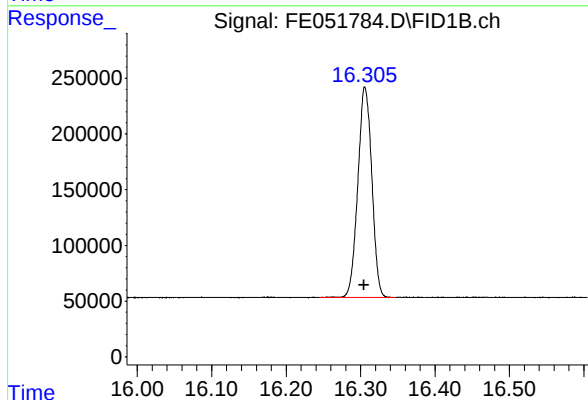
R.T.: 14.195 min
Delta R.T.: 0.000 min
Response: 2587174
Conc: 19.60 ug/ml

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20 PPM ALIPHATIC HC STD



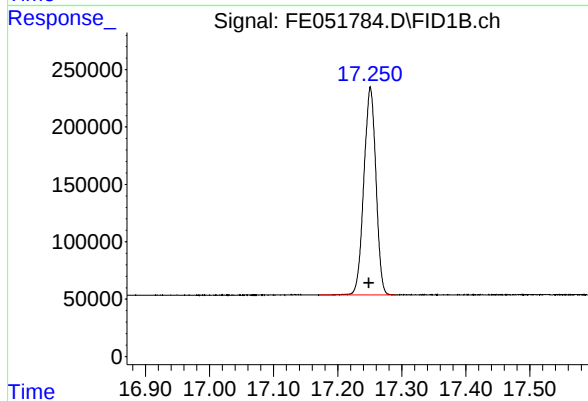
#14 n-Tetracosane (C24)

R.T.: 15.291 min
Delta R.T.: 0.002 min
Response: 2541155
Conc: 19.58 ug/ml



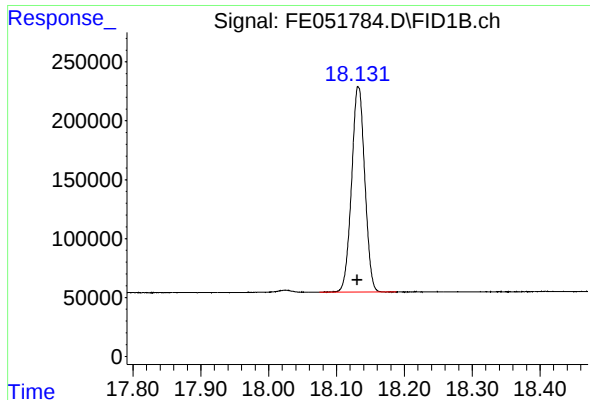
#15 n-Hexacosane (C26)

R.T.: 16.306 min
Delta R.T.: 0.002 min
Response: 2457739
Conc: 19.57 ug/ml



#16 n-Octacosane (C28)

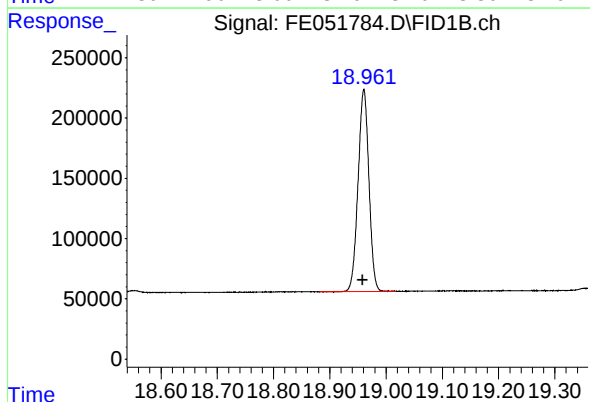
R.T.: 17.251 min
Delta R.T.: 0.002 min
Response: 2369065
Conc: 19.62 ug/ml



#17 n-Tricontane (C30)

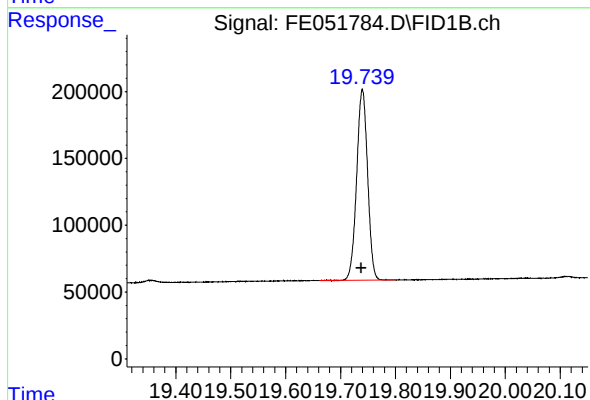
R.T.: 18.132 min
Delta R.T.: 0.002 min
Response: 2359087
Conc: 19.60 ug/ml

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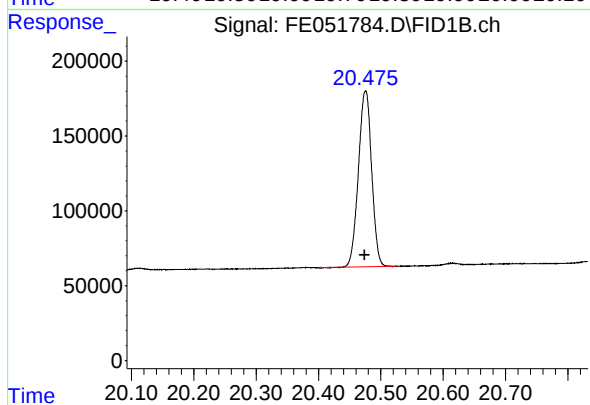
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.002 min
Response: 2243394
Conc: 19.60 ug/ml



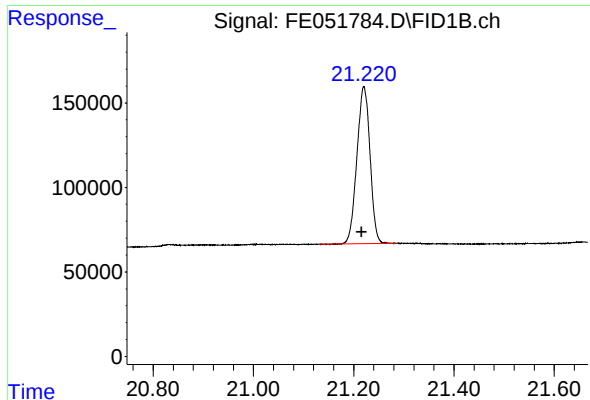
#19 n-Tetatriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.002 min
Response: 1980396
Conc: 19.64 ug/ml



#20 n-Hexatriacontane (C36)

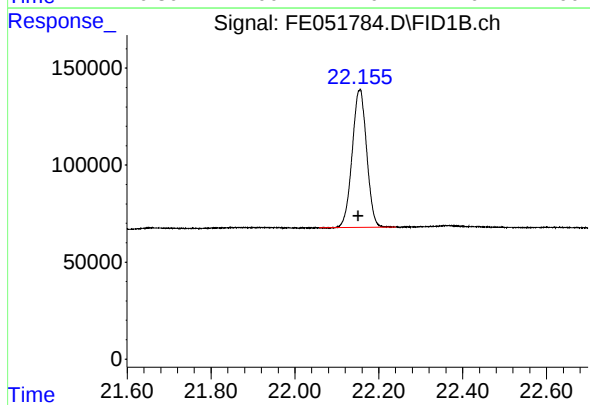
R.T.: 20.475 min
Delta R.T.: 0.001 min
Response: 1734249
Conc: 19.46 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.220 min
Delta R.T.: 0.004 min
Response: 1686244
Conc: 19.64 ug/ml

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20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 22.154 min
Delta R.T.: 0.003 min
Response: 1702293
Conc: 19.30 ug/ml