

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110823AL\
 Data File : FE045227.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2023 12:04
 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: Nov 08 23:09:30 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 2023
 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)	11.885	3679470	19.272 ug/ml
Spiked Amount 50.000		Recovery =	38.54%
12) S 1-chlorooctadecane (S...	13.327	2545393	18.480 ug/ml
Spiked Amount 50.000		Recovery =	36.96%
Target Compounds			
1) T n-Nonane (C9)	3.270	3157509	19.113 ug/ml
2) T n-Decane (C10)	4.522	3246072	19.359 ug/ml
3) T A~Naphthalene (C11.7)	6.222	3402578	19.062 ug/ml
4) T n-Dodecane (C12)	6.688	3255070	19.274 ug/ml
5) T A~2-methylnaphthalene...	7.318	3253773	18.948 ug/ml
6) T n-Tetradecane (C14)	8.515	3188414	19.131 ug/ml
7) T n-Hexadecane (C16)	10.125	3205987	19.060 ug/ml
8) T n-Octadecane (C18)	11.570	3198389	19.110 ug/ml
10) T n-Eicosane (C20)	12.882	3021307	19.073 ug/ml
11) T n-Heneicosane (C21)	13.495	2944371	19.149 ug/ml
13) T n-Docosane (C22)	14.082	2898390	19.129 ug/ml
14) T n-Tetracosane (C24)	15.187	2852951	19.262 ug/ml
15) T n-Hexacosane (C26)	16.211	2824013	19.375 ug/ml
16) T n-Octacosane (C28)	17.163	2855164	19.539 ug/ml
17) T n-Tricontane (C30)	18.052	3040419	20.016 ug/ml
18) T n-Dotriacontane (C32)	18.888	3173907	20.317 ug/ml
19) T n-Tetratriacontane (C34)	19.673	3152979	20.194 ug/ml
20) T n-Hexatriacontane (C36)	20.416	3155470	19.440 ug/ml
21) T n-Octatriacontane (C38)	21.154	3179135	19.135 ug/ml
22) T n-Tetracontane (C40)	22.066	2865455	16.776 ug/ml

(f)=RT Delta > 1/2 Window

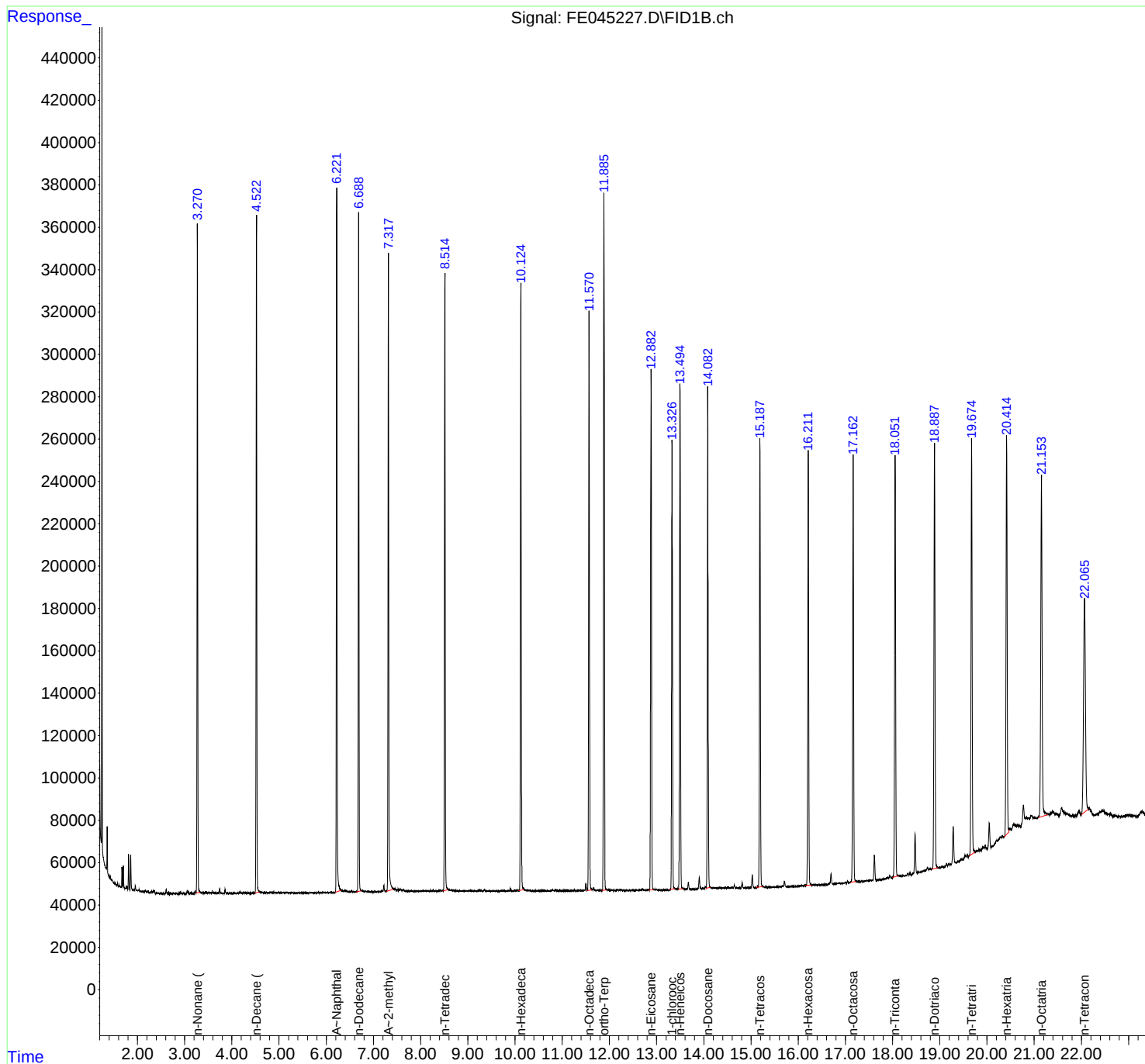
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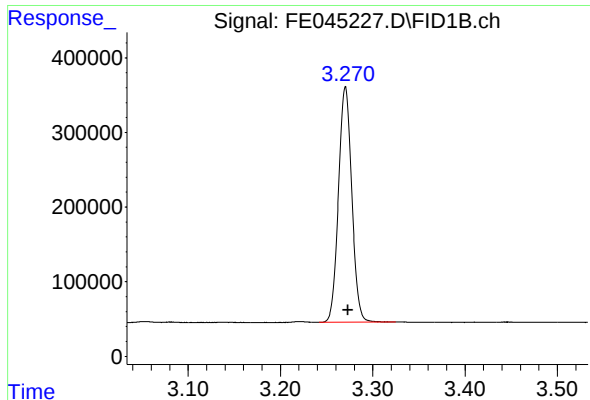
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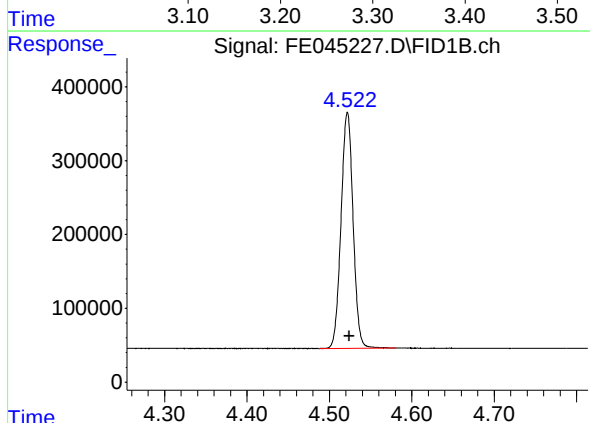




#1 n-Nonane (C9)

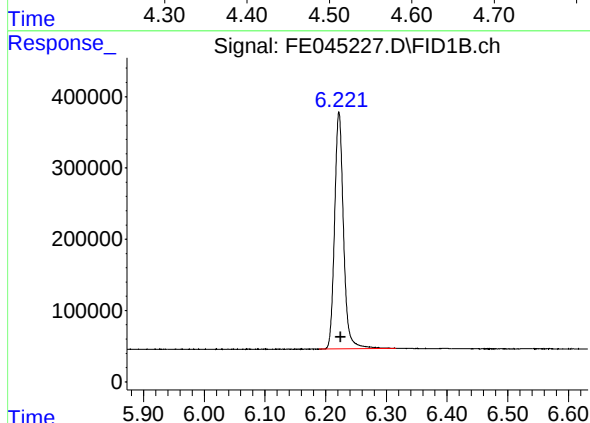
R.T.: 3.270 min
Delta R.T.: -0.003 min
Response: 3157509
Conc: 19.11 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



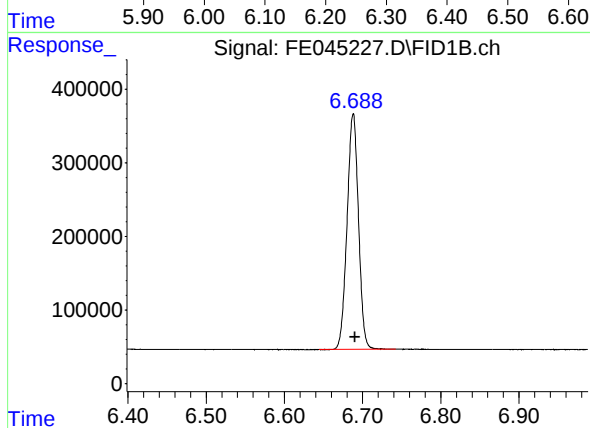
#2 n-Decane (C10)

R.T.: 4.522 min
Delta R.T.: -0.002 min
Response: 3246072
Conc: 19.36 ug/ml



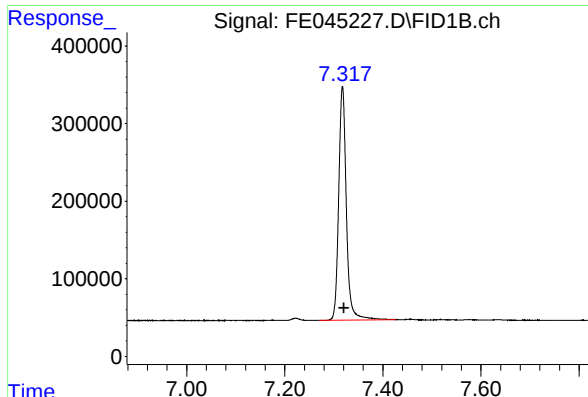
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: -0.003 min
Response: 3402578
Conc: 19.06 ug/ml



#4 n-Dodecane (C12)

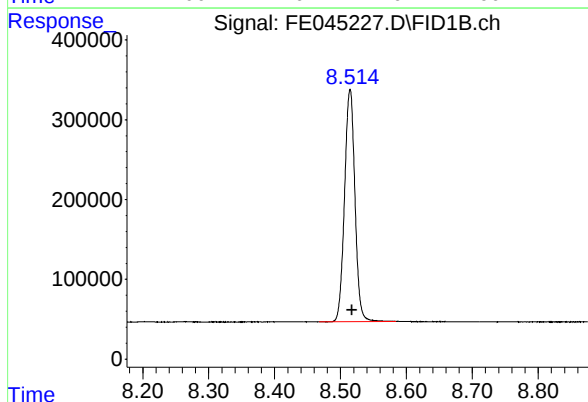
R.T.: 6.688 min
Delta R.T.: -0.002 min
Response: 3255070
Conc: 19.27 ug/ml



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

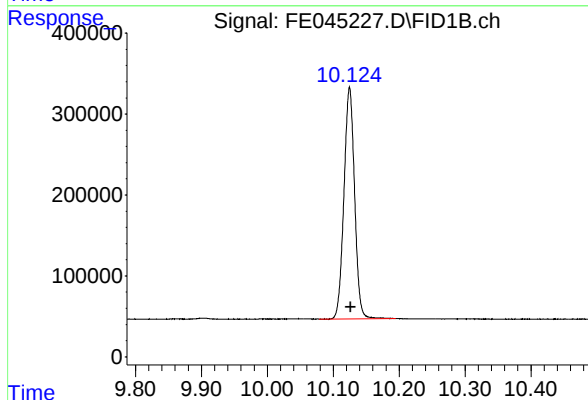
R.T.: 7.318 min
Delta R.T.: -0.003 min
Response: 3253773
Conc: 18.95 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



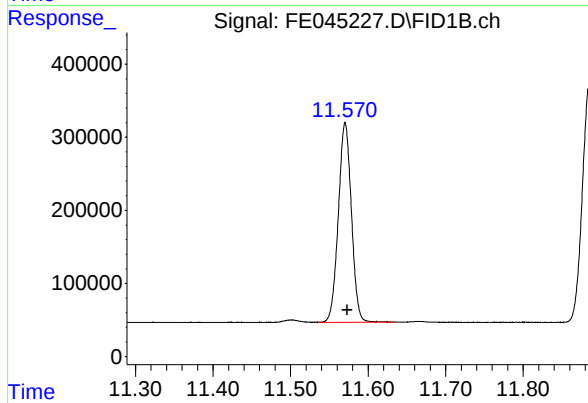
#6 n-Tetradecane (C14)

R.T.: 8.515 min
Delta R.T.: -0.003 min
Response: 3188414
Conc: 19.13 ug/ml



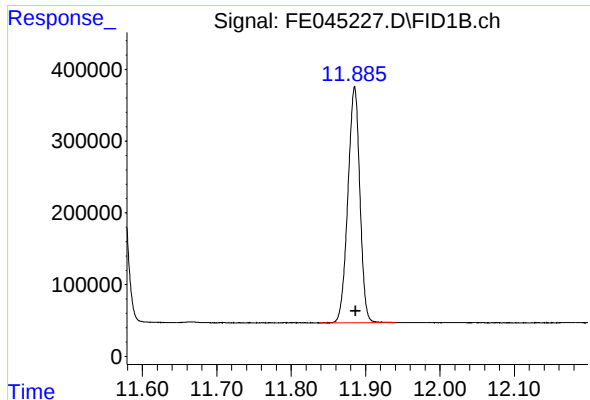
#7 n-Hexadecane (C16)

R.T.: 10.125 min
Delta R.T.: -0.002 min
Response: 3205987
Conc: 19.06 ug/ml



#8 n-Octadecane (C18)

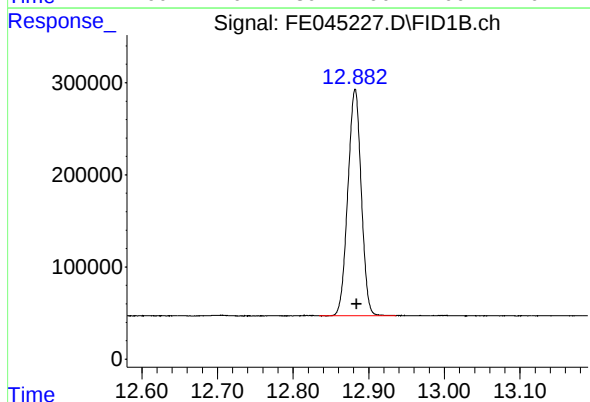
R.T.: 11.570 min
Delta R.T.: -0.002 min
Response: 3198389
Conc: 19.11 ug/ml



#9 ortho-Terphenyl (SURR)

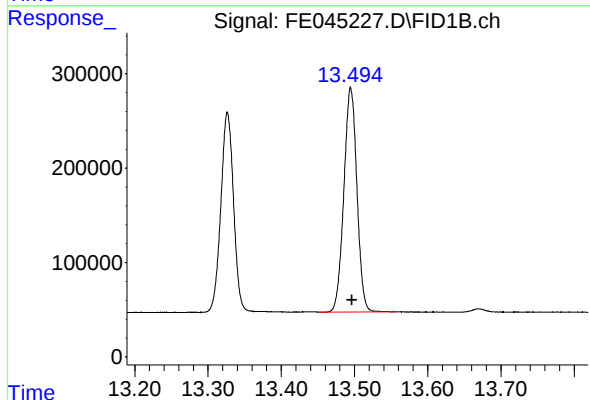
R.T.: 11.885 min
Delta R.T.: -0.001 min
Response: 3679470
Conc: 19.27 ug/ml

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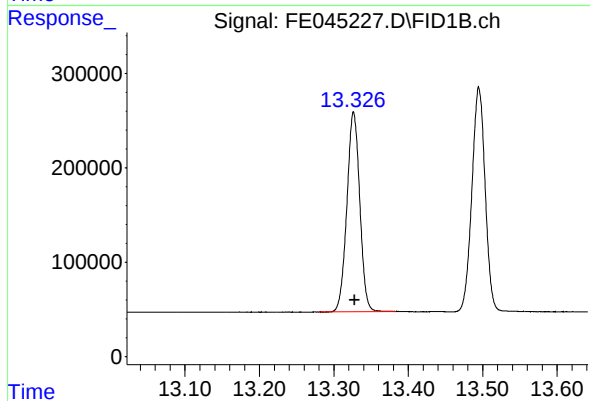
#10 n-Eicosane (C20)

R.T.: 12.882 min
Delta R.T.: -0.002 min
Response: 3021307
Conc: 19.07 ug/ml



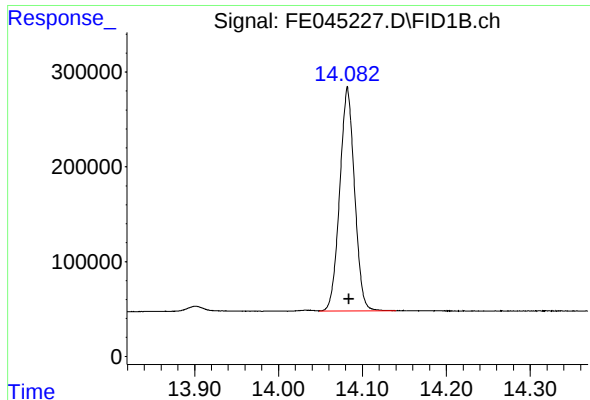
#11 n-Heneicosane (C21)

R.T.: 13.495 min
Delta R.T.: -0.002 min
Response: 2944371
Conc: 19.15 ug/ml



#12 1-chlorooctadecane (SURR)

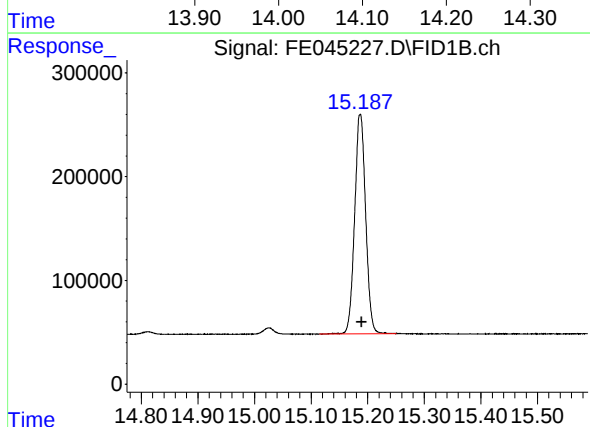
R.T.: 13.327 min
Delta R.T.: -0.002 min
Response: 2545393
Conc: 18.48 ug/ml



#13 n-Docosane (C22)

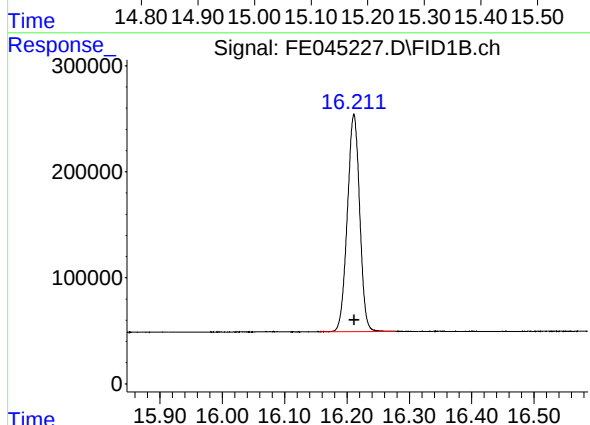
R.T.: 14.082 min
Delta R.T.: -0.002 min
Response: 2898390
Conc: 19.13 ug/ml

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20 PPM ALIPHATIC HC STD



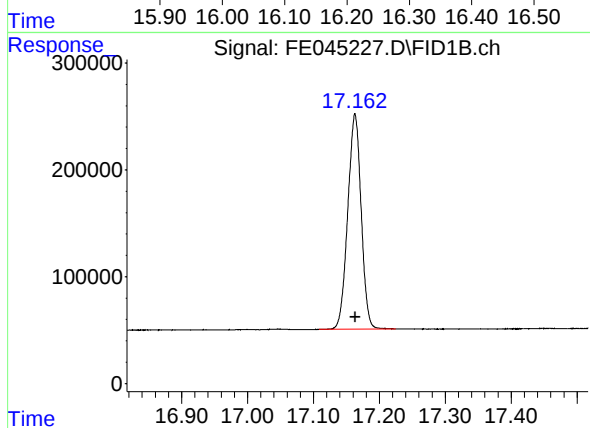
#14 n-Tetracosane (C24)

R.T.: 15.187 min
Delta R.T.: -0.002 min
Response: 2852951
Conc: 19.26 ug/ml



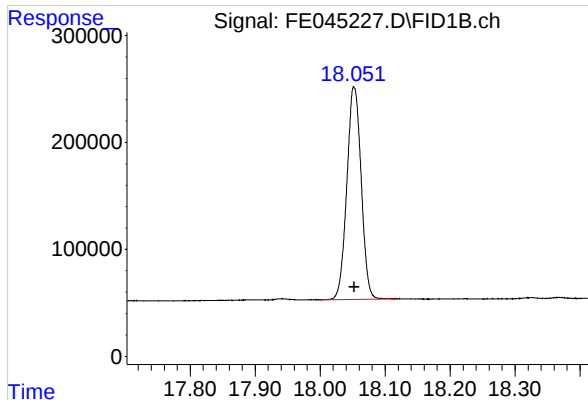
#15 n-Hexacosane (C26)

R.T.: 16.211 min
Delta R.T.: 0.000 min
Response: 2824013
Conc: 19.37 ug/ml



#16 n-Octacosane (C28)

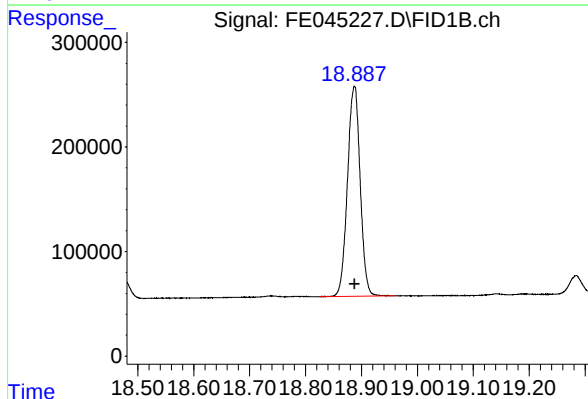
R.T.: 17.163 min
Delta R.T.: 0.000 min
Response: 2855164
Conc: 19.54 ug/ml



#17 n-Tricontane (C30)

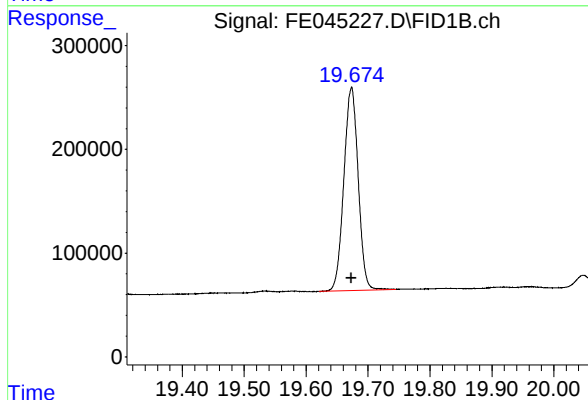
R.T.: 18.052 min
Delta R.T.: 0.000 min
Response: 3040419
Conc: 20.02 ug/ml

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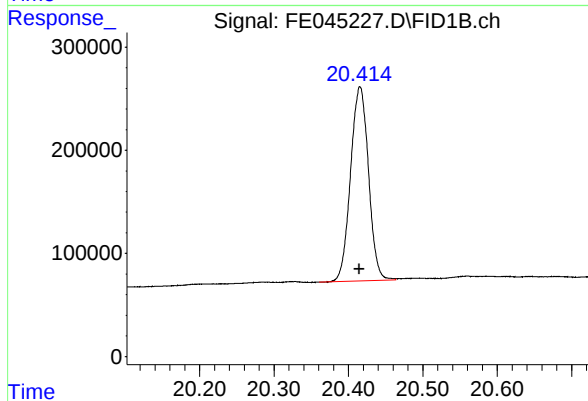
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: 0.000 min
Response: 3173907
Conc: 20.32 ug/ml



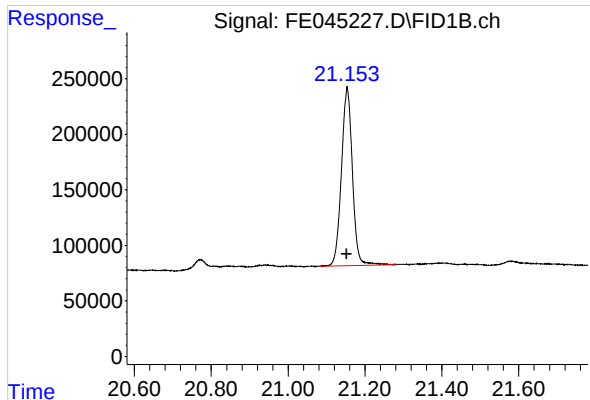
#19 n-Tetatriacontane (C34)

R.T.: 19.673 min
Delta R.T.: 0.000 min
Response: 3152979
Conc: 20.19 ug/ml



#20 n-Hexatriacontane (C36)

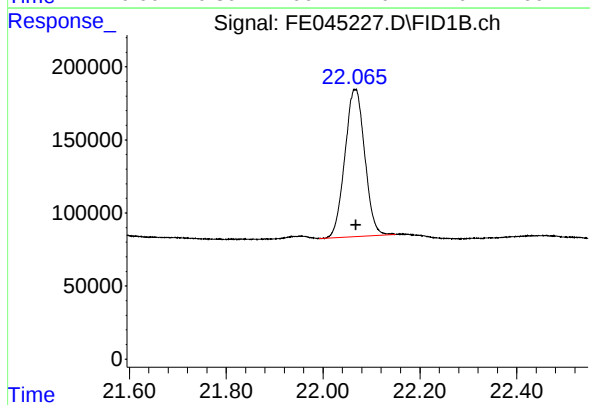
R.T.: 20.416 min
Delta R.T.: 0.000 min
Response: 3155470
Conc: 19.44 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.154 min
Delta R.T.: 0.001 min
Response: 3179135
Conc: 19.13 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.066 min
Delta R.T.: -0.002 min
Response: 2865455
Conc: 16.78 ug/ml