

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE120324AL\
 Data File : FE051518.D
 Signal(s) : FID1B.ch
 Acq On : 03 Dec 2024 19:45
 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: Dec 03 21:38:28 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 120224.M
 Quant Title : GC Extractables
 QLast Update : Mon Dec 02 14:18:35 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)	11.829	2877614	19.042 ug/ml
Spiked Amount 50.000		Recovery =	38.08%
12) S 1-chlorooctadecane (S...	13.262	2202225	19.706 ug/ml
Spiked Amount 50.000		Recovery =	39.41%
Target Compounds			
1) T n-Nonane (C9)	3.221	2588118	18.467 ug/ml
2) T n-Decane (C10)	4.469	2672653	18.847 ug/ml
3) T A~Naphthalene (C11.7)	6.183	2481294	18.770 ug/ml
4) T n-Dodecane (C12)	6.635	2715085	19.074 ug/ml
5) T A~2-methylnaphthalene...	7.280	2282240	19.024 ug/ml
6) T n-Tetradecane (C14)	8.462	2671964	19.168 ug/ml
7) T n-Hexadecane (C16)	10.067	2726060	19.186 ug/ml
8) T n-Octadecane (C18)	11.508	2760353	19.208 ug/ml
10) T n-Eicosane (C20)	12.815	2649291	19.192 ug/ml
11) T n-Heneicosane (C21)	13.425	2589675	19.105 ug/ml
13) T n-Docosane (C22)	14.011	2619714	19.565 ug/ml
14) T n-Tetracosane (C24)	15.112	2589016	19.594 ug/ml
15) T n-Hexacosane (C26)	16.131	2602971	20.073 ug/ml
16) T n-Octacosane (C28)	17.080	2608484	20.460 ug/ml
17) T n-Tricontane (C30)	17.966	2679826	20.697 ug/ml
18) T n-Dotriacontane (C32)	18.797	2611263	20.859 ug/ml
19) T n-Tetratriacontane (C34)	19.580	2285928	20.240 ug/ml
20) T n-Hexatriacontane (C36)	20.319	1975620	20.514 ug/ml
21) T n-Octatriacontane (C38)	21.039	1941571	21.325 ug/ml
22) T n-Tetracontane (C40)	21.912	1789461	20.419 ug/ml

(f)=RT Delta > 1/2 Window

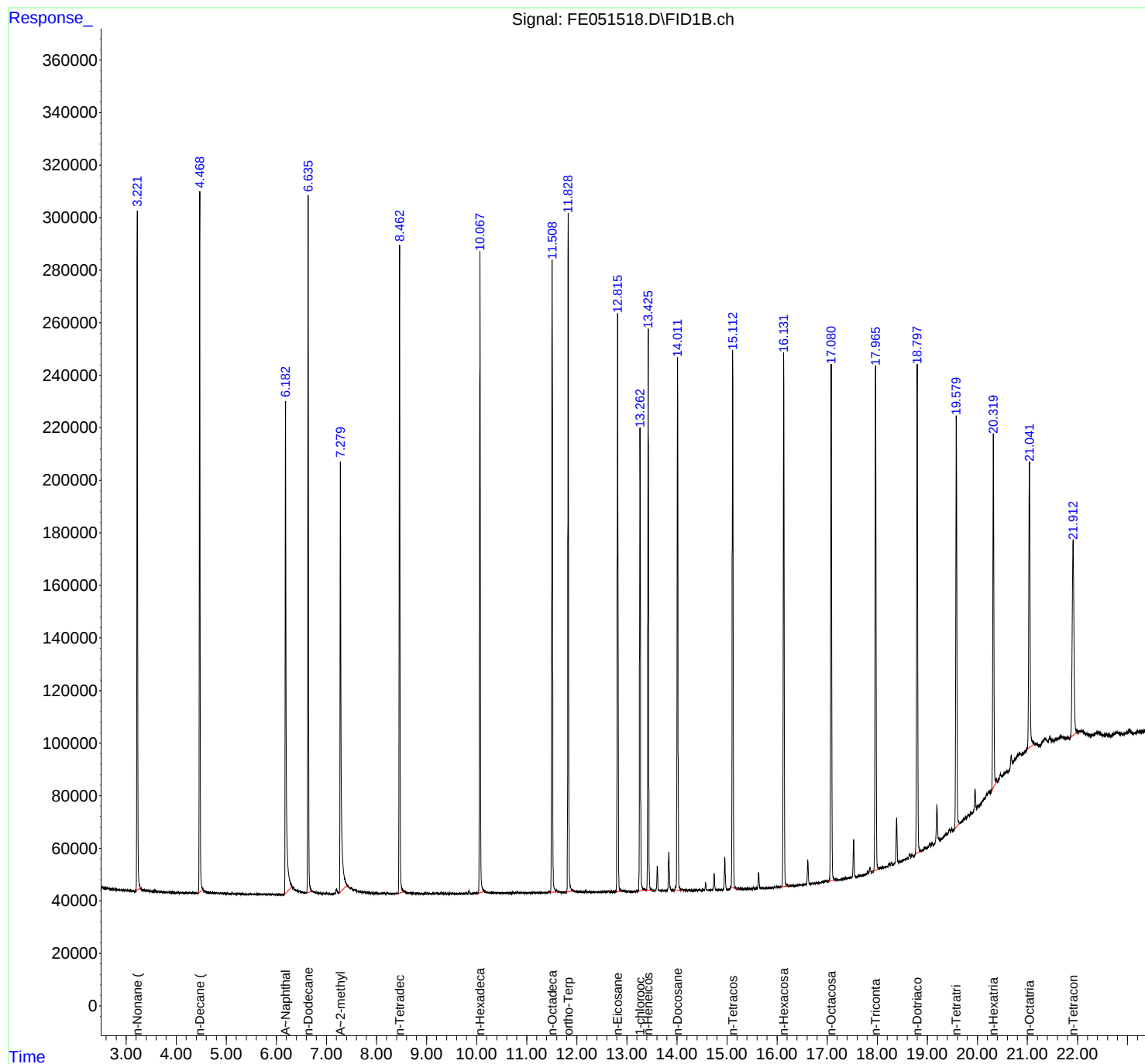
(m)=manual int.

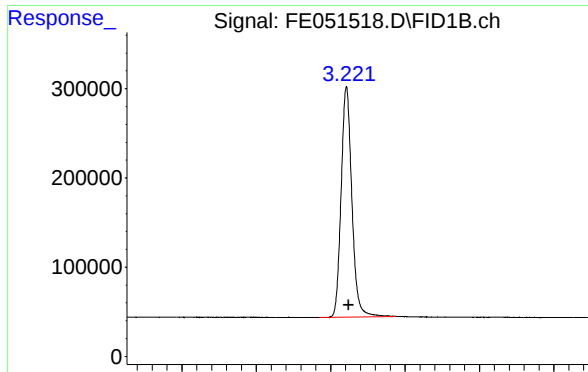
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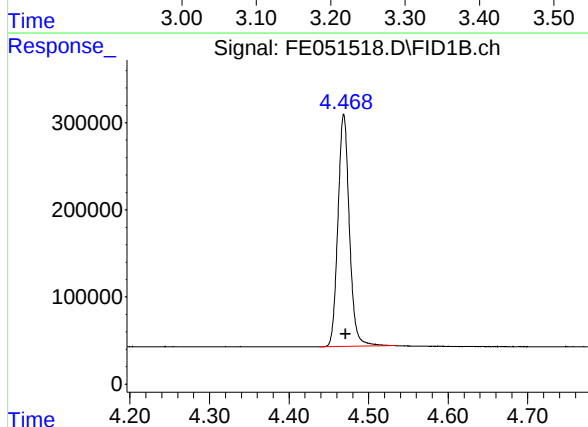




#1 n-Nonane (C9)

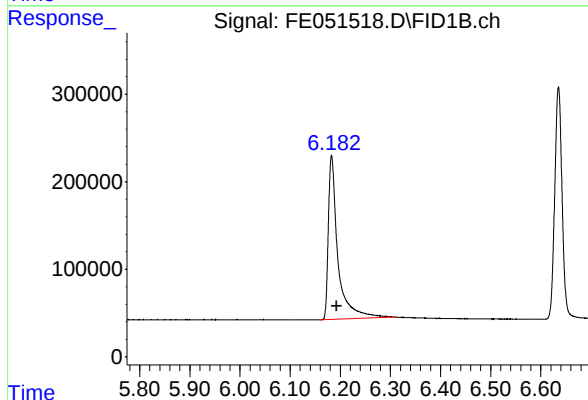
R.T.: 3.221 min
Delta R.T.: -0.003 min
Response: 2588118
Conc: 18.47 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



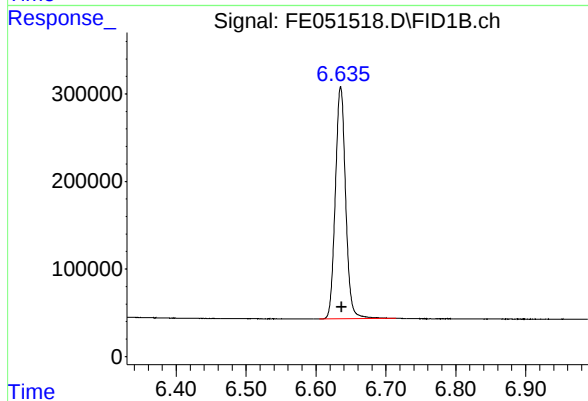
#2 n-Decane (C10)

R.T.: 4.469 min
Delta R.T.: -0.002 min
Response: 2672653
Conc: 18.85 ug/ml



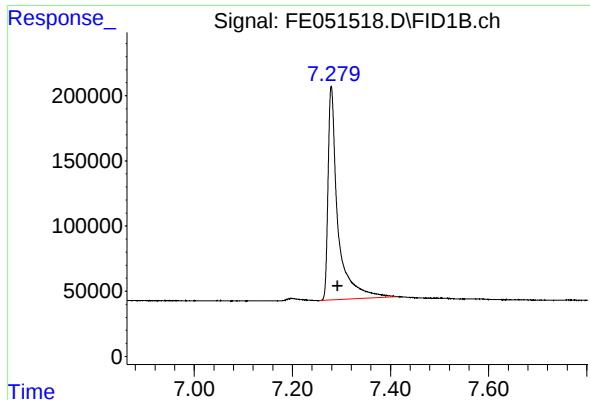
#3 A~Naphthalene (C11.7)

R.T.: 6.183 min
Delta R.T.: -0.009 min
Response: 2481294
Conc: 18.77 ug/ml



#4 n-Dodecane (C12)

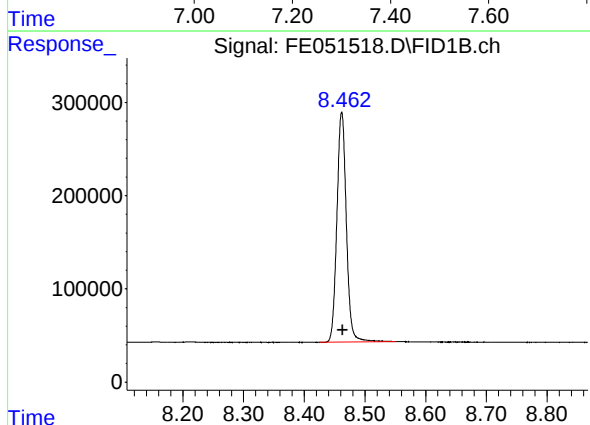
R.T.: 6.635 min
Delta R.T.: -0.002 min
Response: 2715085
Conc: 19.07 ug/ml



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

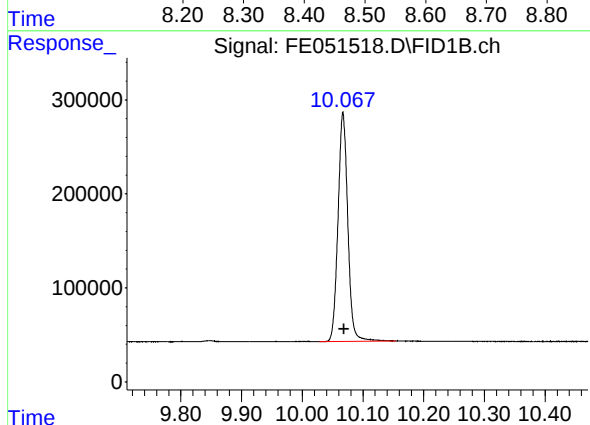
R.T.: 7.280 min
Delta R.T.: -0.013 min
Response: 2282240
Conc: 19.02 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



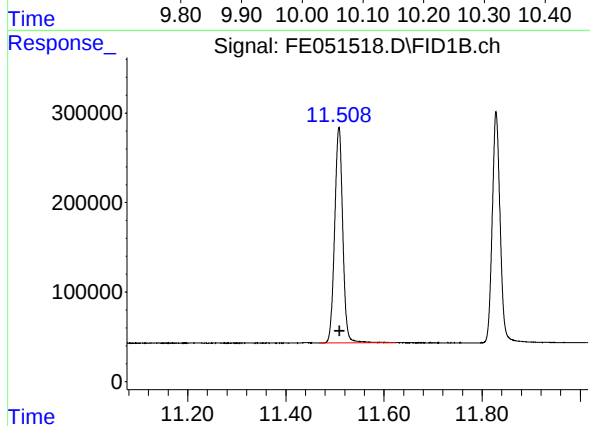
#6 n-Tetradecane (C14)

R.T.: 8.462 min
Delta R.T.: -0.001 min
Response: 2671964
Conc: 19.17 ug/ml



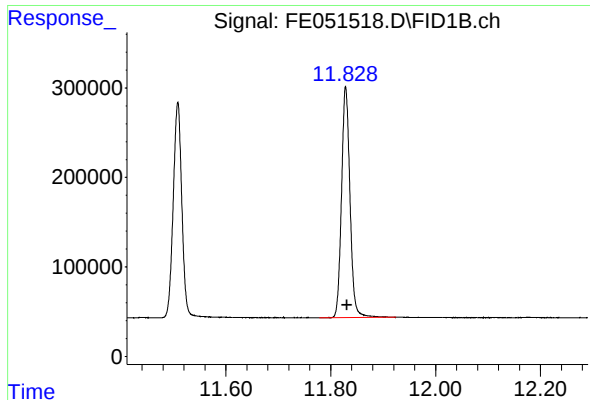
#7 n-Hexadecane (C16)

R.T.: 10.067 min
Delta R.T.: -0.002 min
Response: 2726060
Conc: 19.19 ug/ml



#8 n-Octadecane (C18)

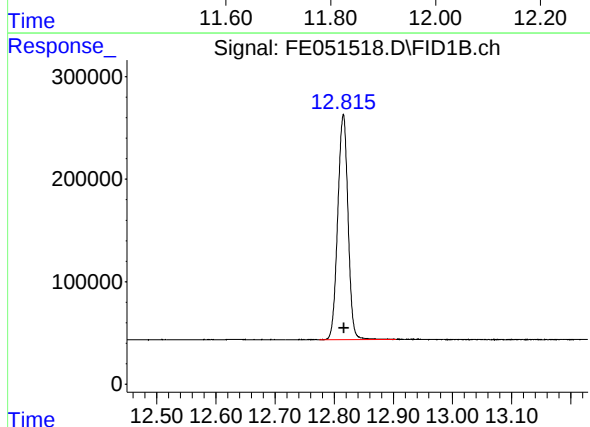
R.T.: 11.508 min
Delta R.T.: -0.001 min
Response: 2760353
Conc: 19.21 ug/ml



#9 ortho-Terphenyl (SURR)

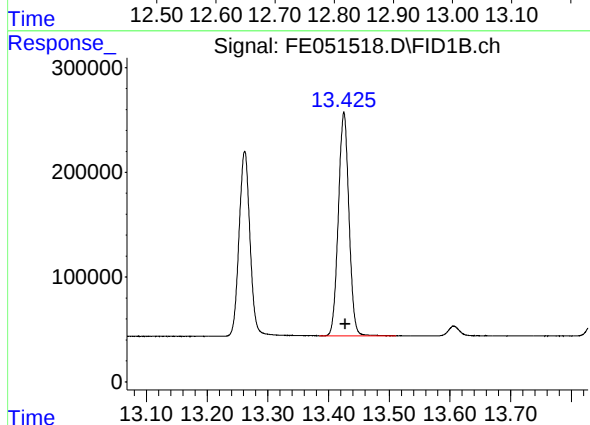
R.T.: 11.829 min
Delta R.T.: -0.002 min
Response: 2877614
Conc: 19.04 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



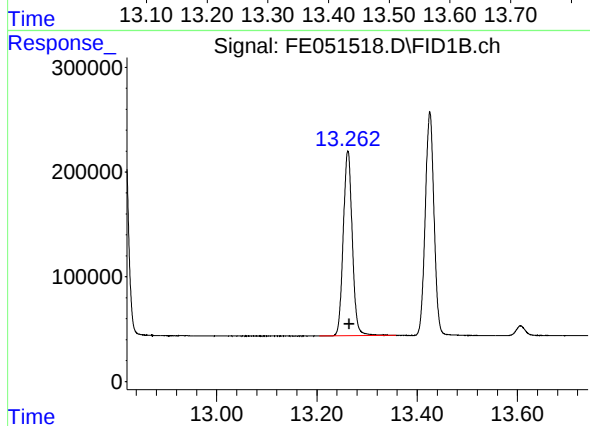
#10 n-Eicosane (C20)

R.T.: 12.815 min
Delta R.T.: -0.002 min
Response: 2649291
Conc: 19.19 ug/ml



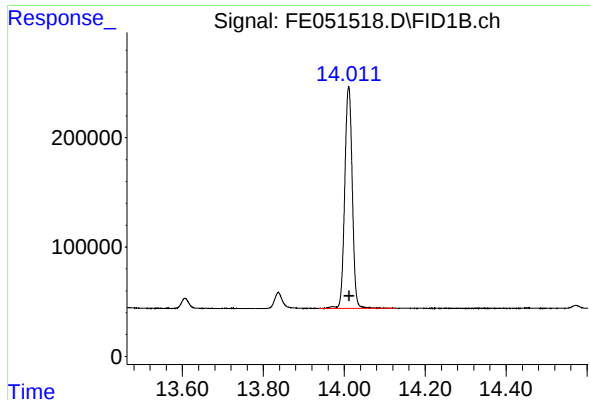
#11 n-Heneicosane (C21)

R.T.: 13.425 min
Delta R.T.: -0.002 min
Response: 2589675
Conc: 19.11 ug/ml



#12 1-chlorooctadecane (SURR)

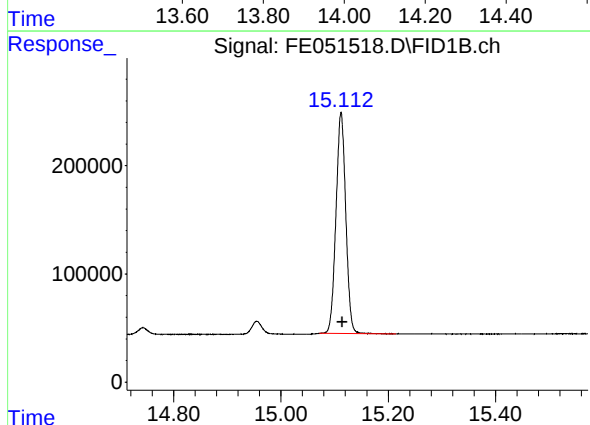
R.T.: 13.262 min
Delta R.T.: -0.003 min
Response: 2202225
Conc: 19.71 ug/ml



#13 n-Docosane (C22)

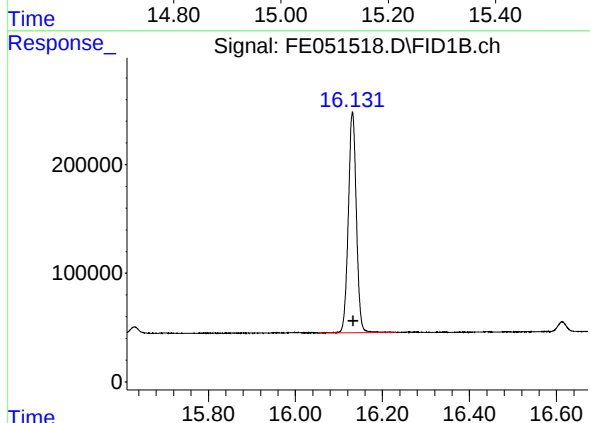
R.T.: 14.011 min
Delta R.T.: -0.002 min
Response: 2619714
Conc: 19.56 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



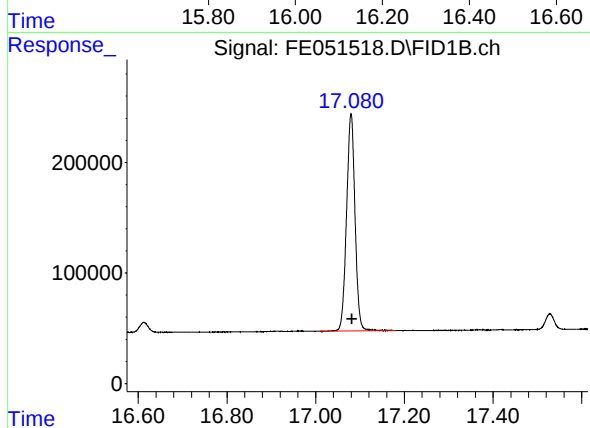
#14 n-Tetracosane (C24)

R.T.: 15.112 min
Delta R.T.: -0.003 min
Response: 2589016
Conc: 19.59 ug/ml



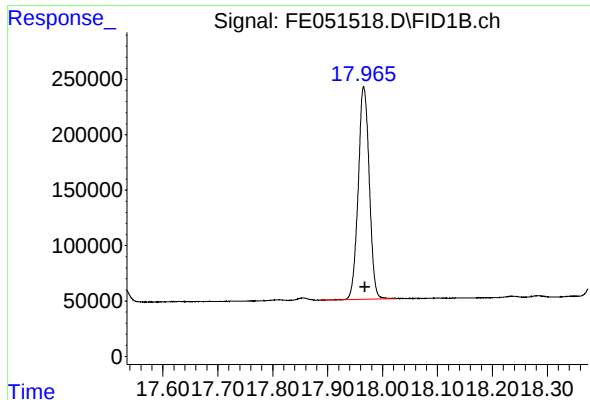
#15 n-Hexacosane (C26)

R.T.: 16.131 min
Delta R.T.: -0.002 min
Response: 2602971
Conc: 20.07 ug/ml



#16 n-Octacosane (C28)

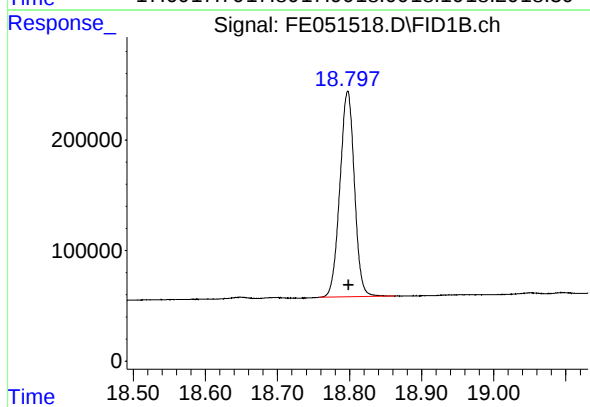
R.T.: 17.080 min
Delta R.T.: -0.003 min
Response: 2608484
Conc: 20.46 ug/ml



#17 n-Tricontane (C30)

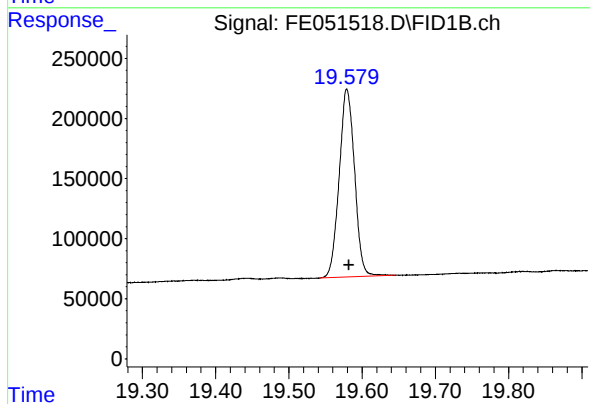
R.T.: 17.966 min
Delta R.T.: -0.001 min
Response: 2679826
Conc: 20.70 ug/ml

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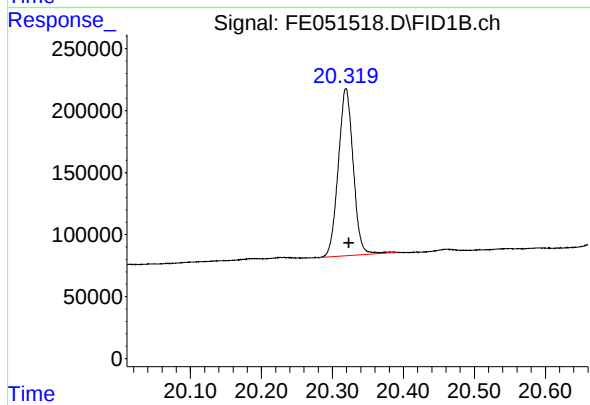
#18 n-Dotriacontane (C32)

R.T.: 18.797 min
Delta R.T.: -0.001 min
Response: 2611263
Conc: 20.86 ug/ml



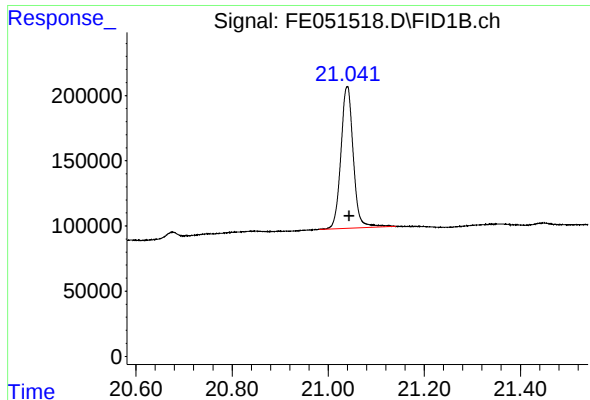
#19 n-Tetratriacontane (C34)

R.T.: 19.580 min
Delta R.T.: -0.002 min
Response: 2285928
Conc: 20.24 ug/ml



#20 n-Hexatriacontane (C36)

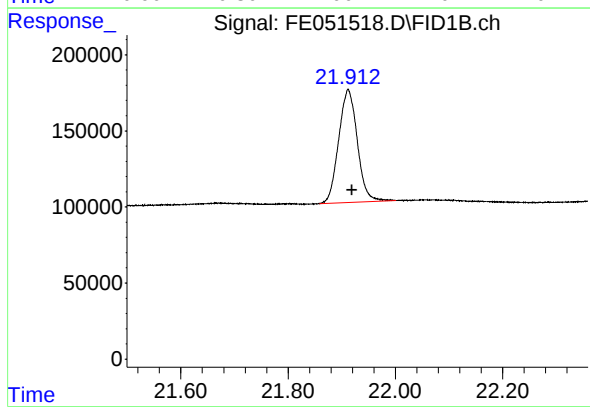
R.T.: 20.319 min
Delta R.T.: -0.004 min
Response: 1975620
Conc: 20.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.039 min
Delta R.T.: -0.004 min
Response: 1941571
Conc: 21.33 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.912 min
Delta R.T.: -0.007 min
Response: 1789461
Conc: 20.42 ug/ml