

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111023AL\
 Data File : FE045304.D
 Signal(s) : FID1B.ch
 Acq On : 11 Nov 2023 01:35
 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 11 02:08:17 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)	11.877	3861158	20.223 ug/ml
Spiked Amount 50.000		Recovery =	40.45%
12) S 1-chlorooctadecane (S...	13.319	2779337	20.178 ug/ml
Spiked Amount 50.000		Recovery =	40.36%
Target Compounds			
1) T n-Nonane (C9)	3.266	3229915	19.552 ug/ml
2) T n-Decane (C10)	4.517	3318051	19.788 ug/ml
3) T A~Naphthalene (C11.7)	6.216	3528949	19.770 ug/ml
4) T n-Dodecane (C12)	6.683	3347489	19.821 ug/ml
5) T A~2-methylnaphthalene...	7.312	3406645	19.839 ug/ml
6) T n-Tetradecane (C14)	8.509	3301587	19.810 ug/ml
7) T n-Hexadecane (C16)	10.119	3355052	19.946 ug/ml
8) T n-Octadecane (C18)	11.564	3352943	20.033 ug/ml
10) T n-Eicosane (C20)	12.874	3190827	20.143 ug/ml
11) T n-Heneicosane (C21)	13.487	3110129	20.228 ug/ml
13) T n-Docosane (C22)	14.074	3062037	20.209 ug/ml
14) T n-Tetracosane (C24)	15.179	3031782	20.470 ug/ml
15) T n-Hexacosane (C26)	16.201	2970391	20.379 ug/ml
16) T n-Octacosane (C28)	17.152	3030017	20.735 ug/ml
17) T n-Tricontane (C30)	18.042	3262342	21.477 ug/ml
18) T n-Dotriacontane (C32)	18.876	3416779	21.871 ug/ml
19) T n-Tetratriacontane (C34)	19.661	3382770	21.665 ug/ml
20) T n-Hexatriacontane (C36)	20.402	3346724	20.618 ug/ml
21) T n-Octatriacontane (C38)	21.136	3435936	20.681 ug/ml
22) T n-Tetracontane (C40)	22.044	3296342	19.299 ug/ml

(f)=RT Delta > 1/2 Window

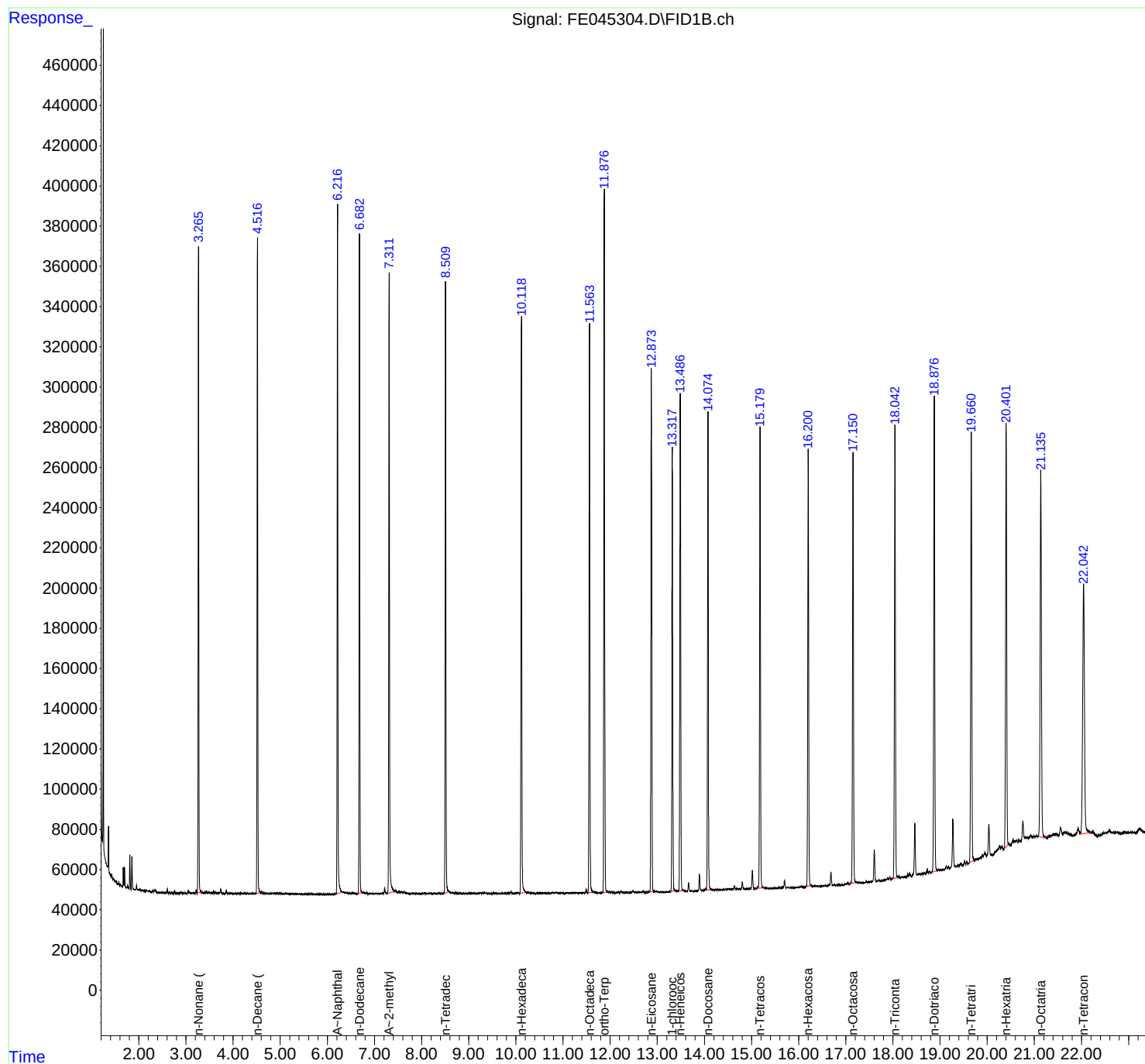
(m)=manual int.

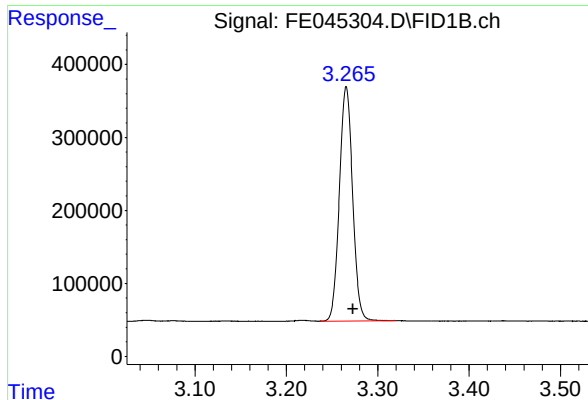
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111023AL\
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Signal Info : 20M x 0.18mm x 0.18um

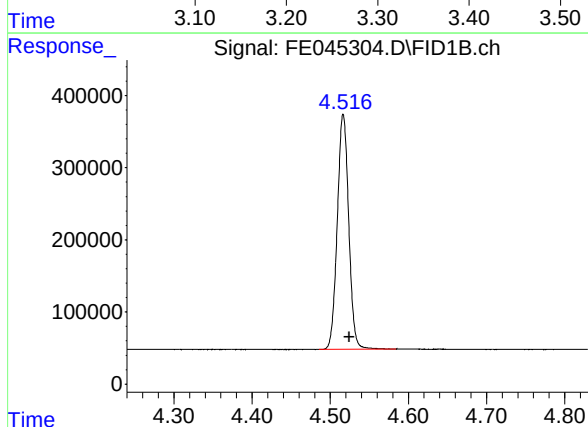




#1 n-Nonane (C9)

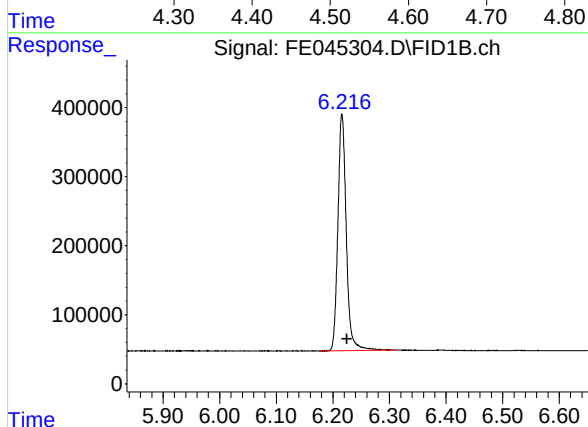
R.T.: 3.266 min
Delta R.T.: -0.007 min
Response: 3229915
Conc: 19.55 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



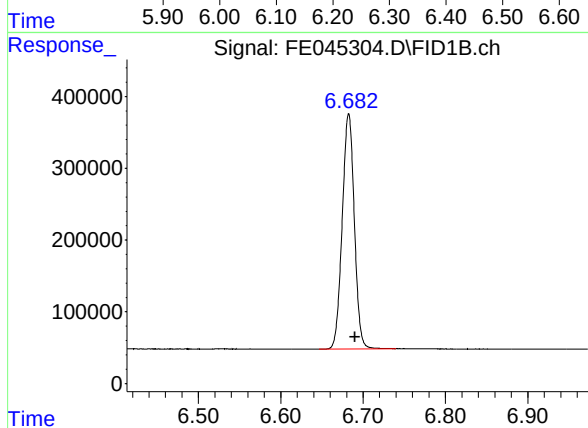
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.008 min
Response: 3318051
Conc: 19.79 ug/ml



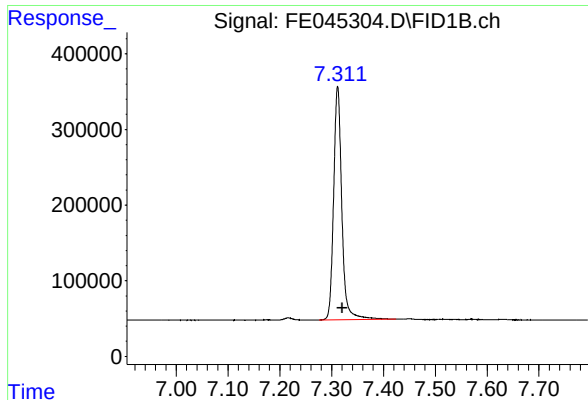
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.009 min
Response: 3528949
Conc: 19.77 ug/ml



#4 n-Dodecane (C12)

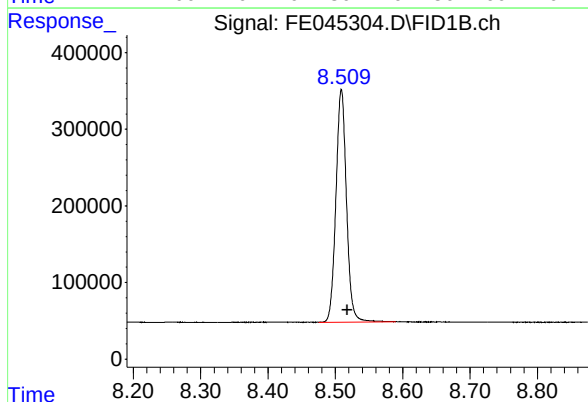
R.T.: 6.683 min
Delta R.T.: -0.008 min
Response: 3347489
Conc: 19.82 ug/ml



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

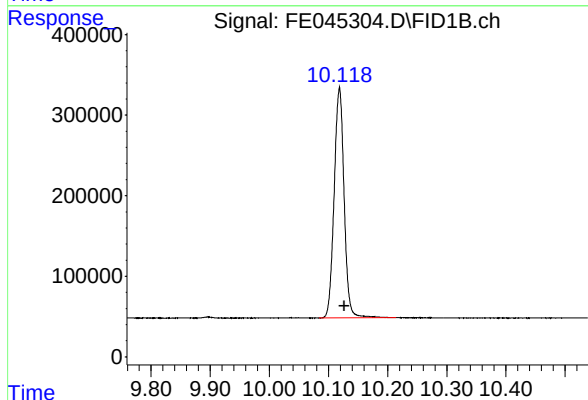
R.T.: 7.312 min
Delta R.T.: -0.009 min
Response: 3406645
Conc: 19.84 ug/ml

Instrument :
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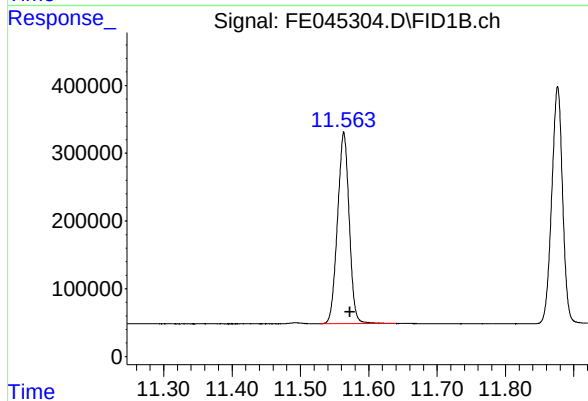
#6 n-Tetradecane (C14)

R.T.: 8.509 min
Delta R.T.: -0.009 min
Response: 3301587
Conc: 19.81 ug/ml



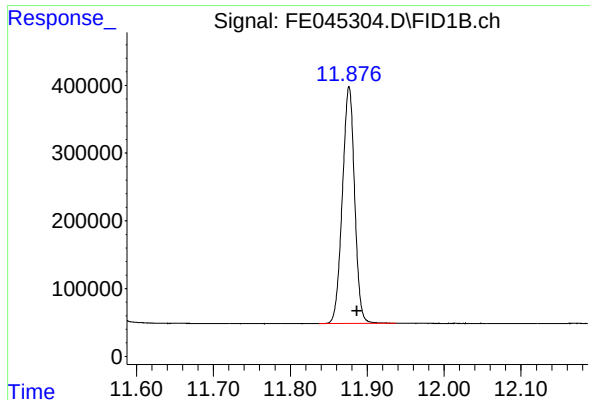
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.008 min
Response: 3355052
Conc: 19.95 ug/ml



#8 n-Octadecane (C18)

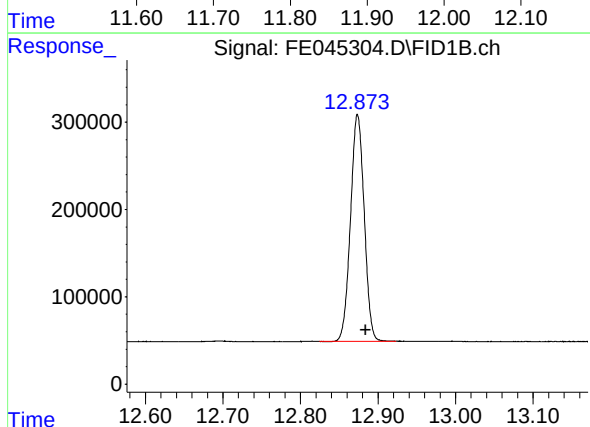
R.T.: 11.564 min
Delta R.T.: -0.009 min
Response: 3352943
Conc: 20.03 ug/ml



#9 ortho-Terphenyl (SURR)

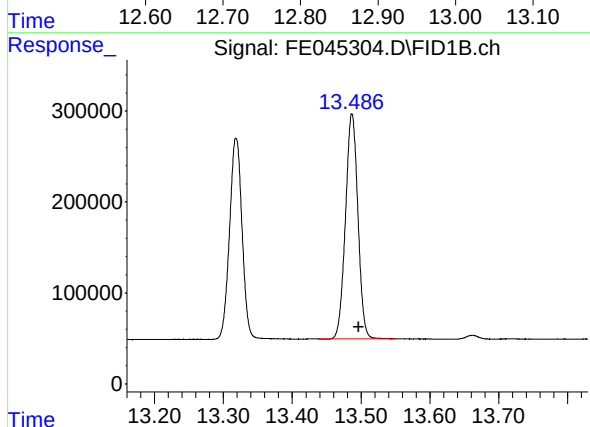
R.T.: 11.877 min
Delta R.T.: -0.010 min
Response: 3861158
Conc: 20.22 ug/ml

Instrument :
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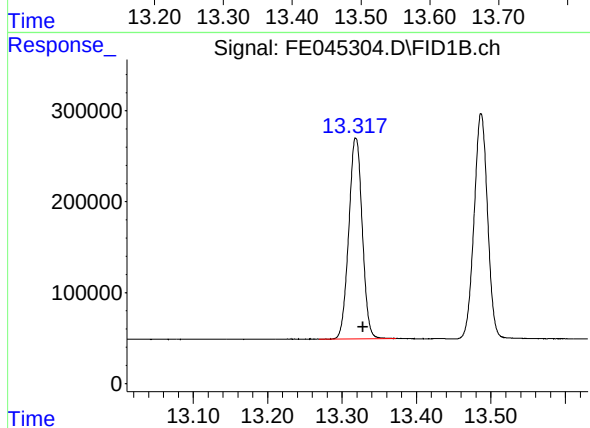
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.010 min
Response: 3190827
Conc: 20.14 ug/ml



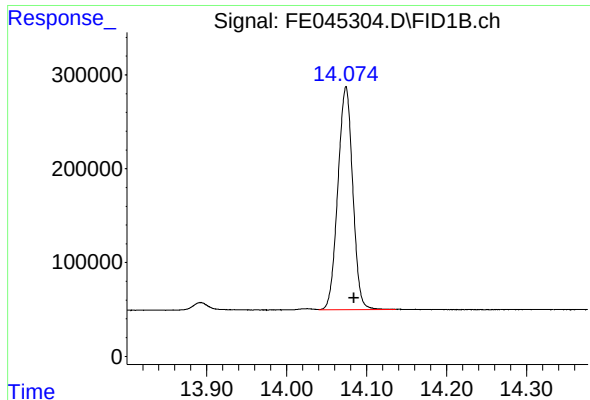
#11 n-Heneicosane (C21)

R.T.: 13.487 min
Delta R.T.: -0.010 min
Response: 3110129
Conc: 20.23 ug/ml



#12 1-chlorooctadecane (SURR)

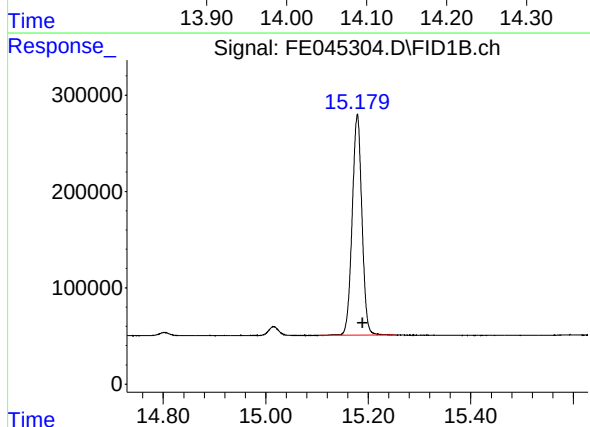
R.T.: 13.319 min
Delta R.T.: -0.010 min
Response: 2779337
Conc: 20.18 ug/ml



#13 n-Docosane (C22)

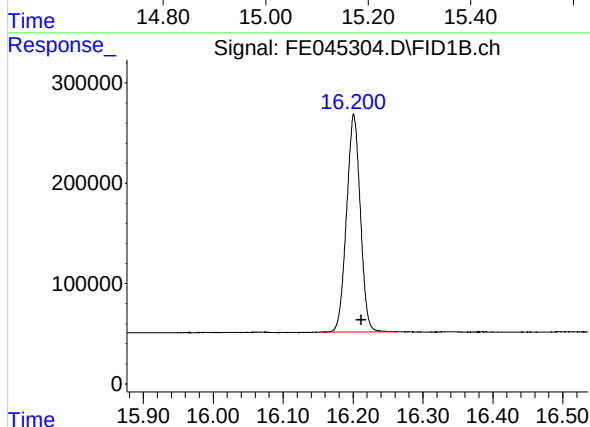
R.T.: 14.074 min
Delta R.T.: -0.010 min
Response: 3062037
Conc: 20.21 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



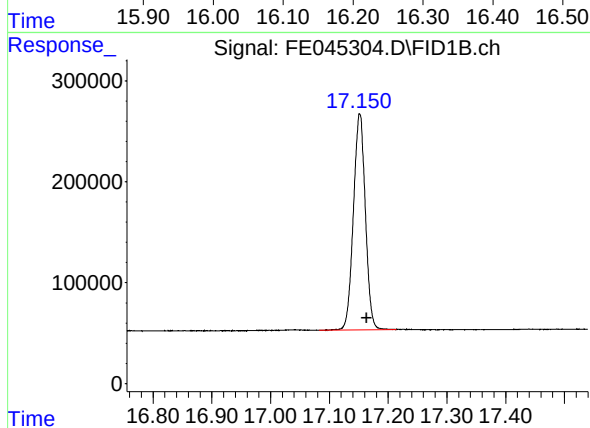
#14 n-Tetracosane (C24)

R.T.: 15.179 min
Delta R.T.: -0.010 min
Response: 3031782
Conc: 20.47 ug/ml



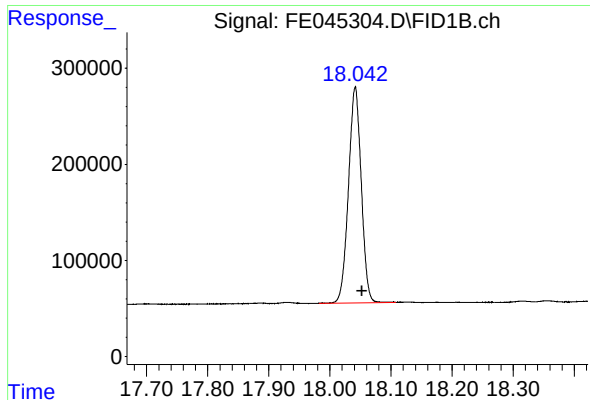
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.011 min
Response: 2970391
Conc: 20.38 ug/ml



#16 n-Octacosane (C28)

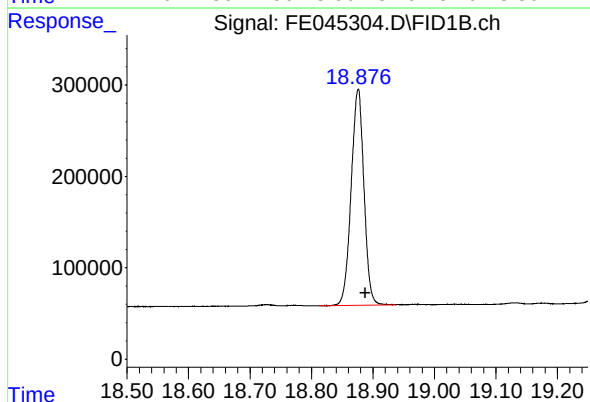
R.T.: 17.152 min
Delta R.T.: -0.012 min
Response: 3030017
Conc: 20.74 ug/ml



#17 n-Tricontane (C30)

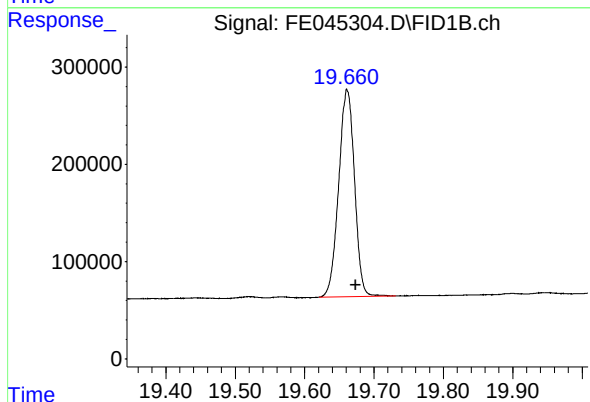
R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 3262342
Conc: 21.48 ug/ml

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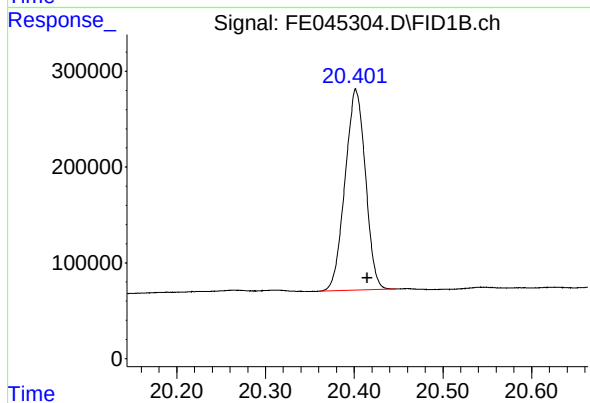
#18 n-Dotriacontane (C32)

R.T.: 18.876 min
Delta R.T.: -0.012 min
Response: 3416779
Conc: 21.87 ug/ml



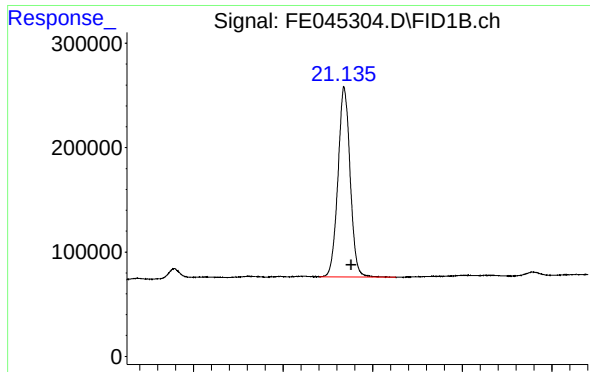
#19 n-Tetatriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.012 min
Response: 3382770
Conc: 21.67 ug/ml



#20 n-Hexatriacontane (C36)

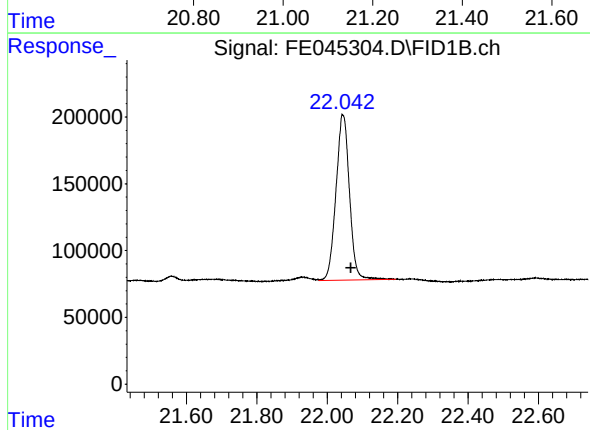
R.T.: 20.402 min
Delta R.T.: -0.013 min
Response: 3346724
Conc: 20.62 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.136 min
Delta R.T.: -0.017 min
Response: 3435936
Conc: 20.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.044 min
Delta R.T.: -0.024 min
Response: 3296342
Conc: 19.30 ug/ml