

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040325AL\
 Data File : FE053160.D
 Signal(s) : FID1B.ch
 Acq On : 03 Apr 2025 12:25
 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 04 04:06:34 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)	11.893	2996779	18.398 ug/ml
Spiked Amount 50.000		Recovery =	36.80%
12) S 1-chlorooctadecane (S...	13.338	2216973	18.468 ug/ml
Spiked Amount 50.000		Recovery =	36.94%
Target Compounds			
1) T n-Nonane (C9)	3.240	2823871	18.237 ug/ml
2) T n-Decane (C10)	4.500	2905613	18.524 ug/ml
3) T A~Naphthalene (C11.7)	6.212	3090934	18.400 ug/ml
4) T n-Dodecane (C12)	6.680	2888615	18.470 ug/ml
5) T A~2-methylnaphthalene...	7.314	2934107	18.389 ug/ml
6) T n-Tetradecane (C14)	8.516	2828948	18.476 ug/ml
7) T n-Hexadecane (C16)	10.130	2892494	18.765 ug/ml
8) T n-Octadecane (C18)	11.578	2855071	18.825 ug/ml
10) T n-Eicosane (C20)	12.891	2693905	18.895 ug/ml
11) T n-Heneicosane (C21)	13.505	2611044	18.816 ug/ml
13) T n-Docosane (C22)	14.094	2584452	18.871 ug/ml
14) T n-Tetracosane (C24)	15.199	2583144	19.126 ug/ml
15) T n-Hexacosane (C26)	16.223	2548843	19.106 ug/ml
16) T n-Octacosane (C28)	17.174	2573008	19.497 ug/ml
17) T n-Tricontane (C30)	18.063	2739529	20.212 ug/ml
18) T n-Dotriacontane (C32)	18.898	2789083	20.727 ug/ml
19) T n-Tetratriacontane (C34)	19.683	2551988	19.722 ug/ml
20) T n-Hexatriacontane (C36)	20.424	2270820	19.116 ug/ml
21) T n-Octatriacontane (C38)	21.163	2251492	19.589 ug/ml
22) T n-Tetracontane (C40)	22.076	2149797	19.141 ug/ml

(f)=RT Delta > 1/2 Window

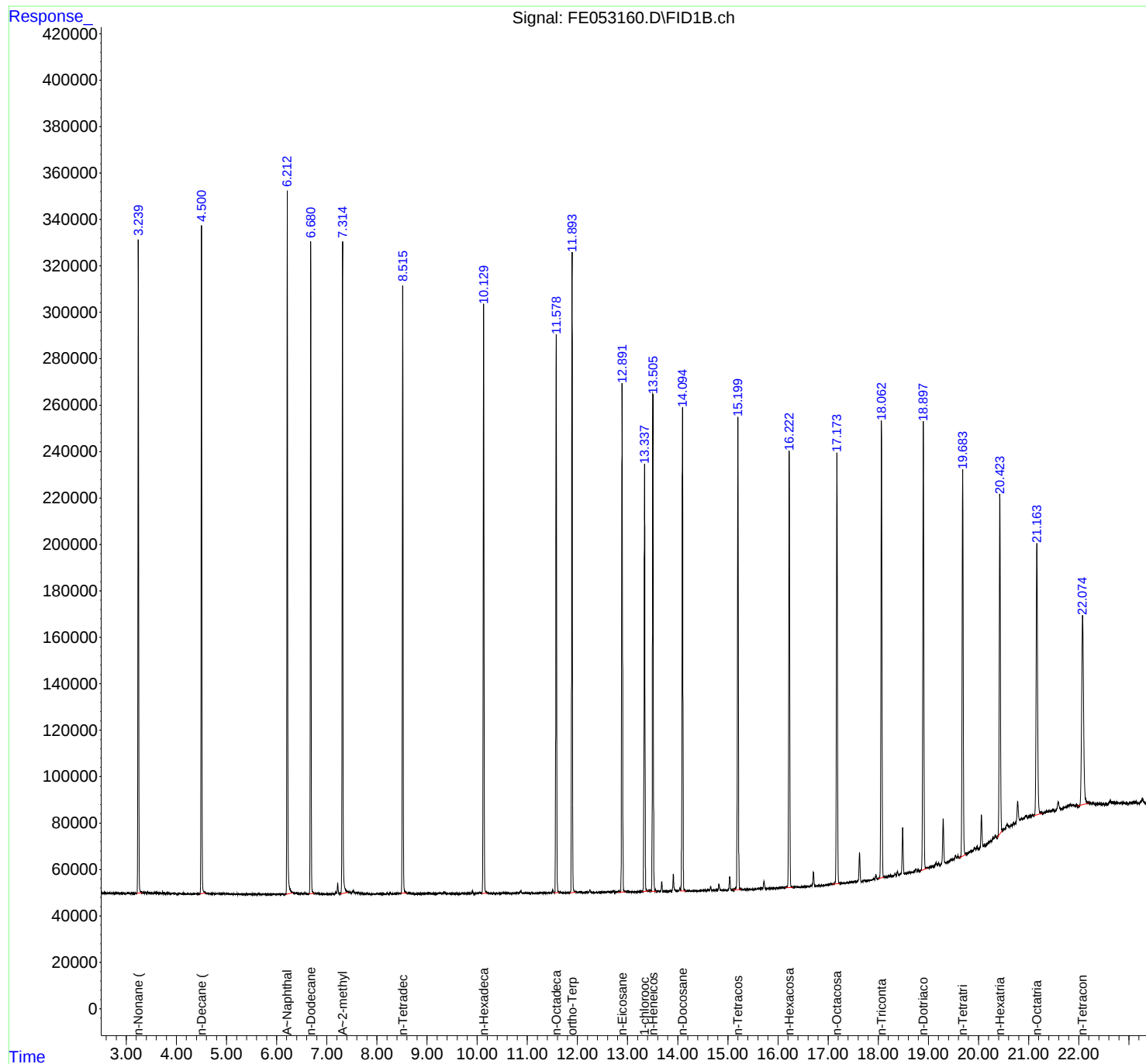
(m)=manual int.

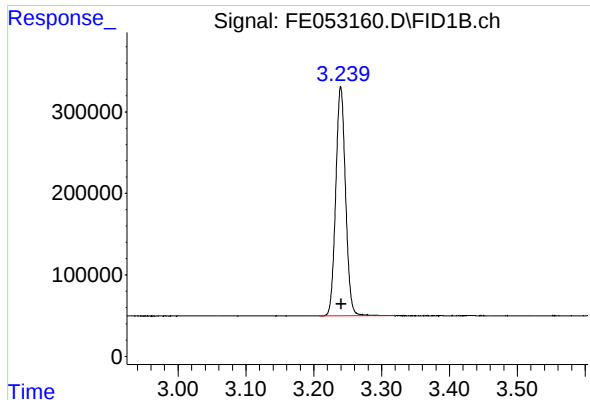
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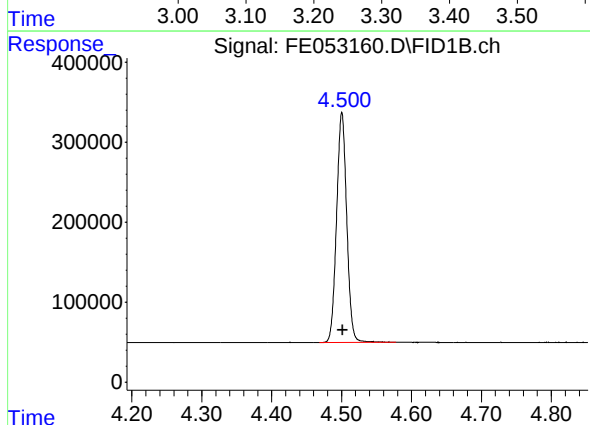




#1 n-Nonane (C9)

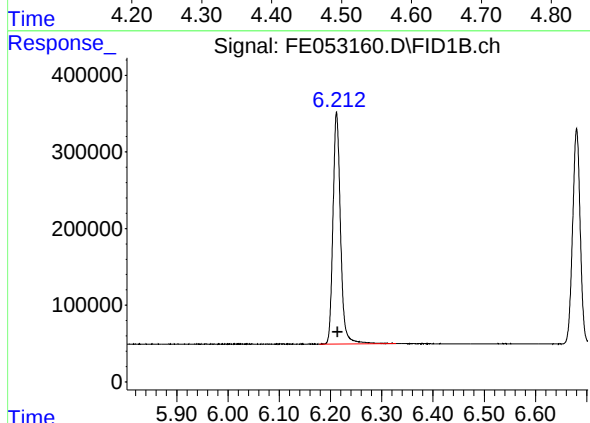
R.T.: 3.240 min
Delta R.T.: -0.001 min
Response: 2823871
Conc: 18.24 ug/ml

Instrument :
FID_E
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20 PPM ALIPHATIC HC STD



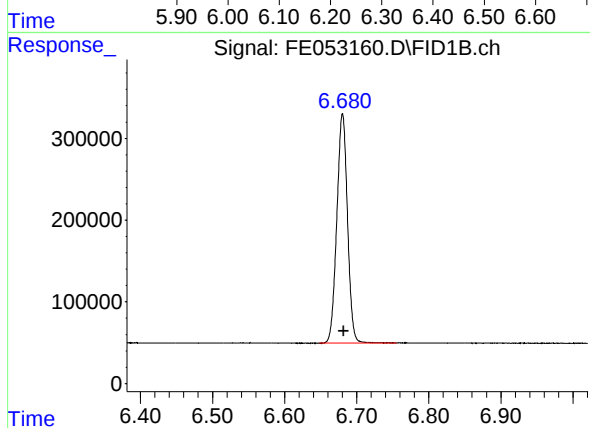
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: -0.001 min
Response: 2905613
Conc: 18.52 ug/ml



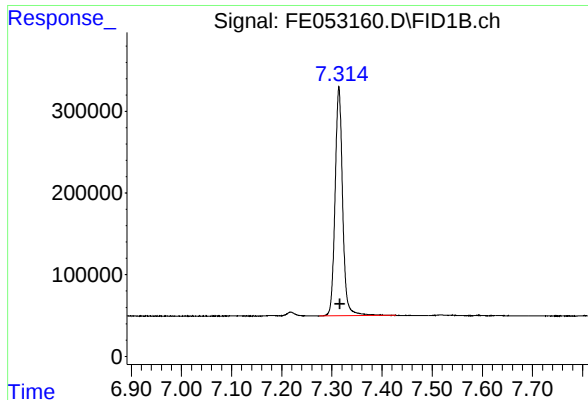
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.002 min
Response: 3090934
Conc: 18.40 ug/ml



#4 n-Dodecane (C12)

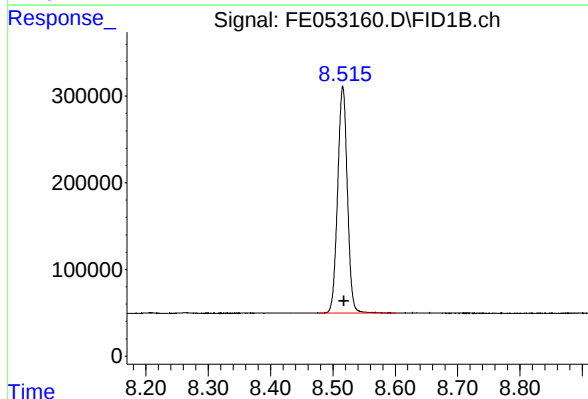
R.T.: 6.680 min
Delta R.T.: -0.002 min
Response: 2888615
Conc: 18.47 ug/ml



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

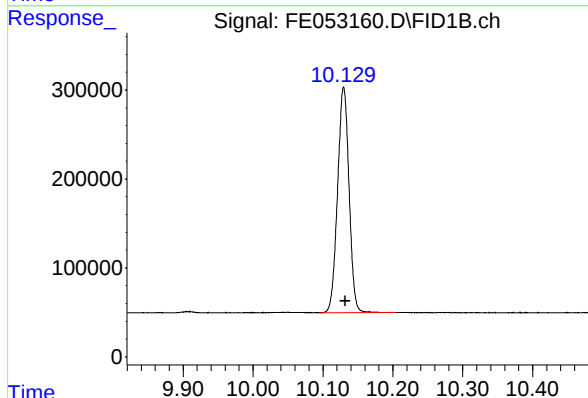
R.T.: 7.314 min
Delta R.T.: -0.002 min
Response: 2934107
Conc: 18.39 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD



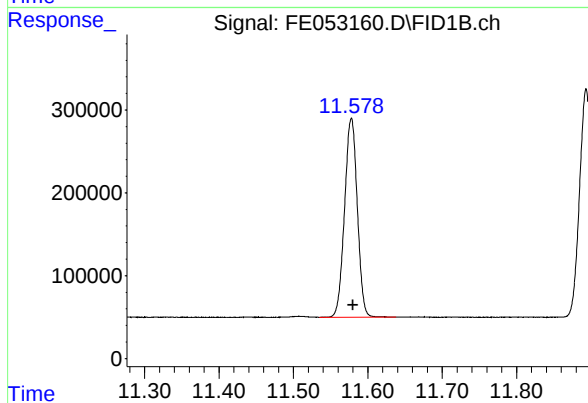
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.002 min
Response: 2828948
Conc: 18.48 ug/ml



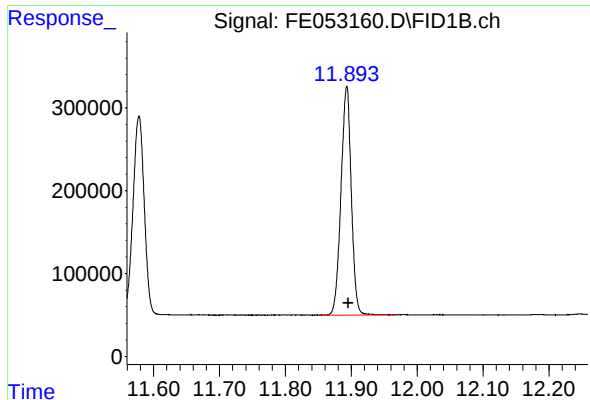
#7 n-Hexadecane (C16)

R.T.: 10.130 min
Delta R.T.: -0.002 min
Response: 2892494
Conc: 18.76 ug/ml



#8 n-Octadecane (C18)

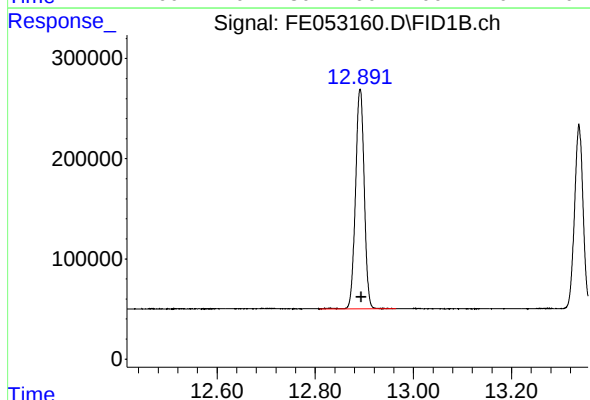
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 2855071
Conc: 18.82 ug/ml



#9 ortho-Terphenyl (SURR)

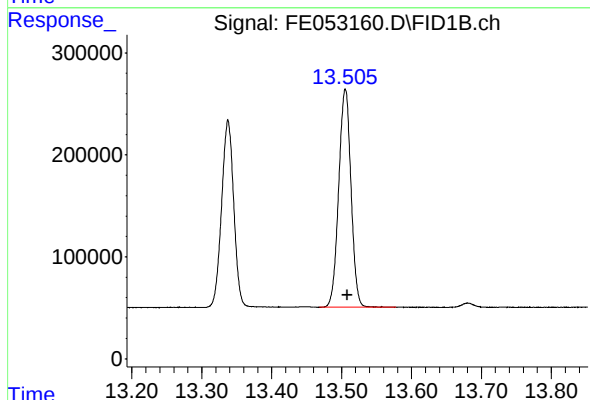
R.T.: 11.893 min
Delta R.T.: -0.002 min
Response: 2996779
Conc: 18.40 ug/ml

Instrument :
FID_E
ClientSampleId :
20 PPM ALIPHATIC HC STD



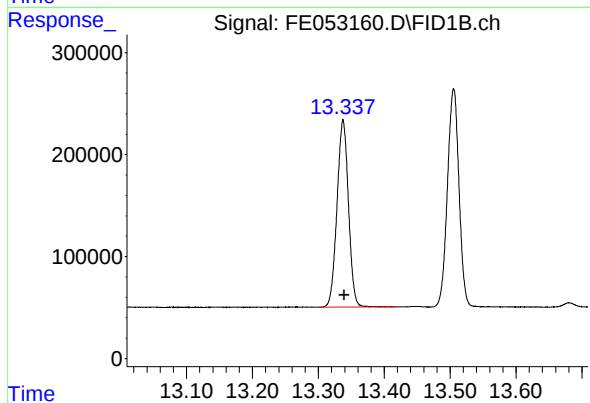
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.003 min
Response: 2693905
Conc: 18.89 ug/ml



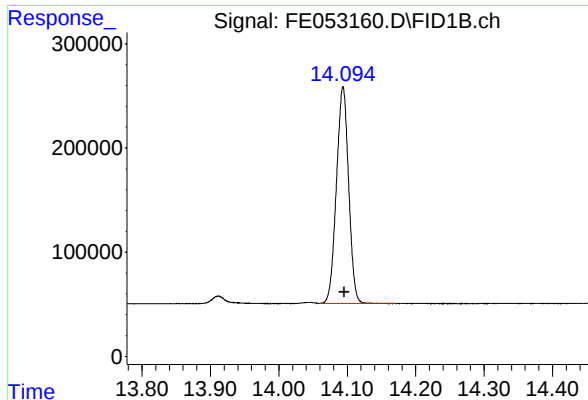
#11 n-Heneicosane (C21)

R.T.: 13.505 min
Delta R.T.: -0.003 min
Response: 2611044
Conc: 18.82 ug/ml



#12 1-chlorooctadecane (SURR)

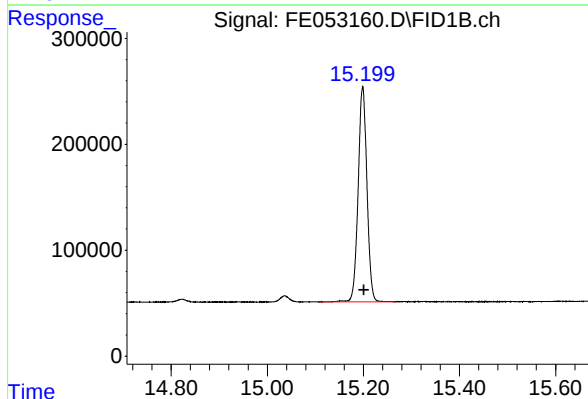
R.T.: 13.338 min
Delta R.T.: -0.002 min
Response: 2216973
Conc: 18.47 ug/ml



#13 n-Docosane (C22)

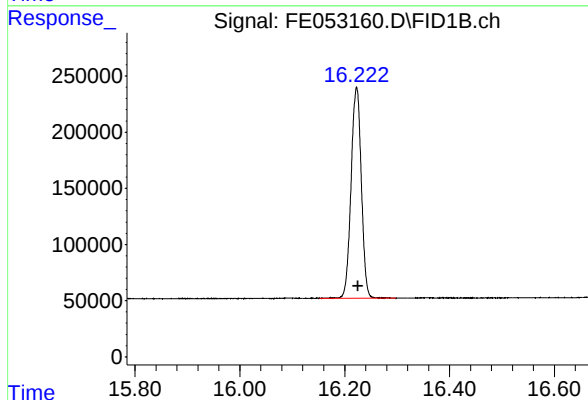
R.T.: 14.094 min
Delta R.T.: -0.002 min
Response: 2584452
Conc: 18.87 ug/ml

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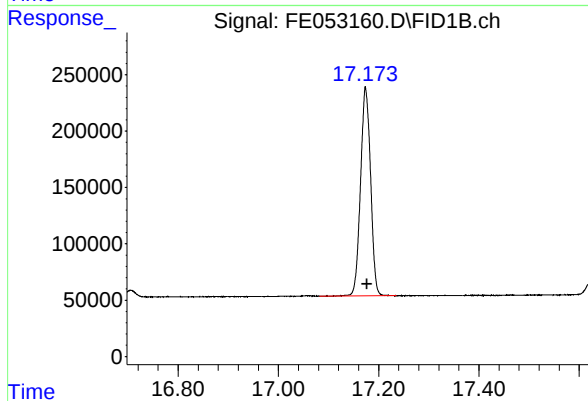
#14 n-Tetracosane (C24)

R.T.: 15.199 min
Delta R.T.: -0.003 min
Response: 2583144
Conc: 19.13 ug/ml



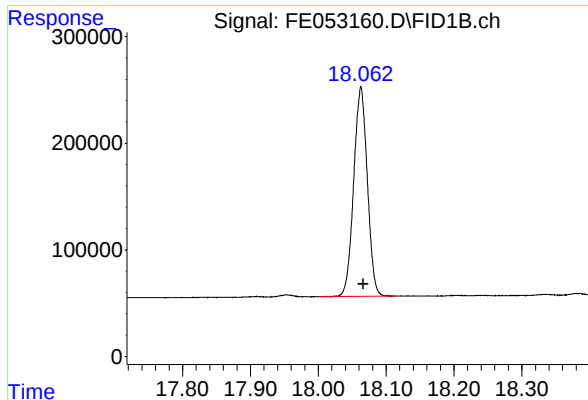
#15 n-Hexacosane (C26)

R.T.: 16.223 min
Delta R.T.: -0.003 min
Response: 2548843
Conc: 19.11 ug/ml



#16 n-Octacosane (C28)

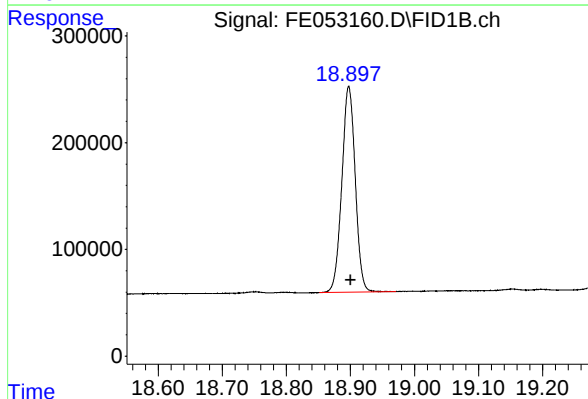
R.T.: 17.174 min
Delta R.T.: -0.003 min
Response: 2573008
Conc: 19.50 ug/ml



#17 n-Tricontane (C30)

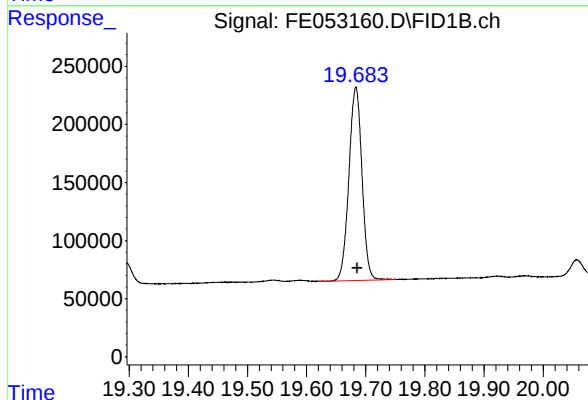
R.T.: 18.063 min
Delta R.T.: -0.004 min
Response: 2739529
Conc: 20.21 ug/ml

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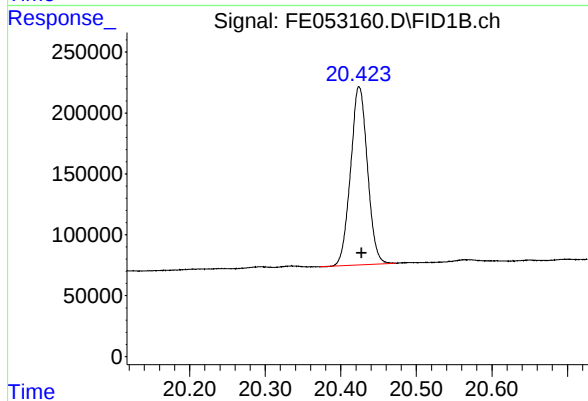
#18 n-Dotriacontane (C32)

R.T.: 18.898 min
Delta R.T.: -0.003 min
Response: 2789083
Conc: 20.73 ug/ml



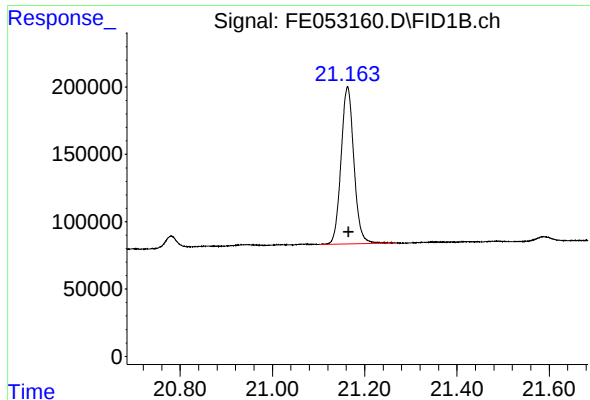
#19 n-Tetatriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.003 min
Response: 2551988
Conc: 19.72 ug/ml



#20 n-Hexatriacontane (C36)

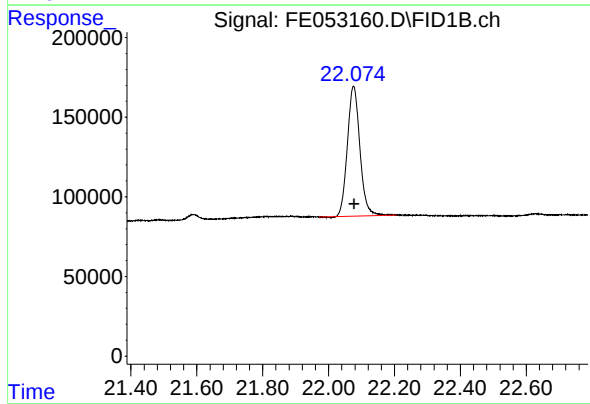
R.T.: 20.424 min
Delta R.T.: -0.003 min
Response: 2270820
Conc: 19.12 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.163 min
Delta R.T.: -0.002 min
Response: 2251492
Conc: 19.59 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.076 min
Delta R.T.: -0.003 min
Response: 2149797
Conc: 19.14 ug/ml