

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090324AL\
 Data File : FE049883.D
 Signal(s) : FID1B.ch
 Acq On : 03 Sep 2024 08:40
 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

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/04/2024

Integration File: autoint1.e
 Quant Time: Sep 03 11:22:52 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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)	11.880	3421778	21.160 ug/ml
Spiked Amount 50.000		Recovery =	42.32%
12) S 1-chlorooctadecane (S...	13.315	2573692	21.095 ug/ml
Spiked Amount 50.000		Recovery =	42.19%
Target Compounds			
1) T n-Nonane (C9)	3.269	3062813	19.792 ug/ml
2) T n-Decane (C10)	4.520	3231265	20.465 ug/ml
3) T A~Naphthalene (C11.7)	6.227	3329148	20.748 ug/ml
4) T n-Dodecane (C12)	6.687	3279296	20.859 ug/ml
5) T A~2-methylnaphthalene...	7.323	3132499	20.918 ug/ml
6) T n-Tetradecane (C14)	8.514	3210670	20.797 ug/ml
7) T n-Hexadecane (C16)	10.119	3306477	21.171 ug/ml
8) T n-Octadecane (C18)	11.561	3335223	21.236 ug/ml
10) T n-Eicosane (C20)	12.869	3189767	21.364 ug/ml
11) T n-Heneicosane (C21)	13.481	3125076	21.303 ug/ml
13) T n-Docosane (C22)	14.066	3085475	21.169 ug/ml
14) T n-Tetracosane (C24)	15.167	3210380	22.070 ug/ml
15) T n-Hexacosane (C26)	16.187	3207342	22.223 ug/ml
16) T n-Octacosane (C28)	17.135	3313749	23.006 ug/ml
17) T n-Tricontane (C30)	18.022	3604835	24.080 ug/ml
18) T n-Dotriacontane (C32)	18.853	3711302	24.532 ug/mlm
19) T n-Tetratriacontane (C34)	19.635	3789618	24.788 ug/ml
20) T n-Hexatriacontane (C36)	20.374	3588446	23.631 ug/ml
21) T n-Octatriacontane (C38)	21.101	3361092	21.415 ug/ml
22) T n-Tetracontane (C40)	21.993	3106356	20.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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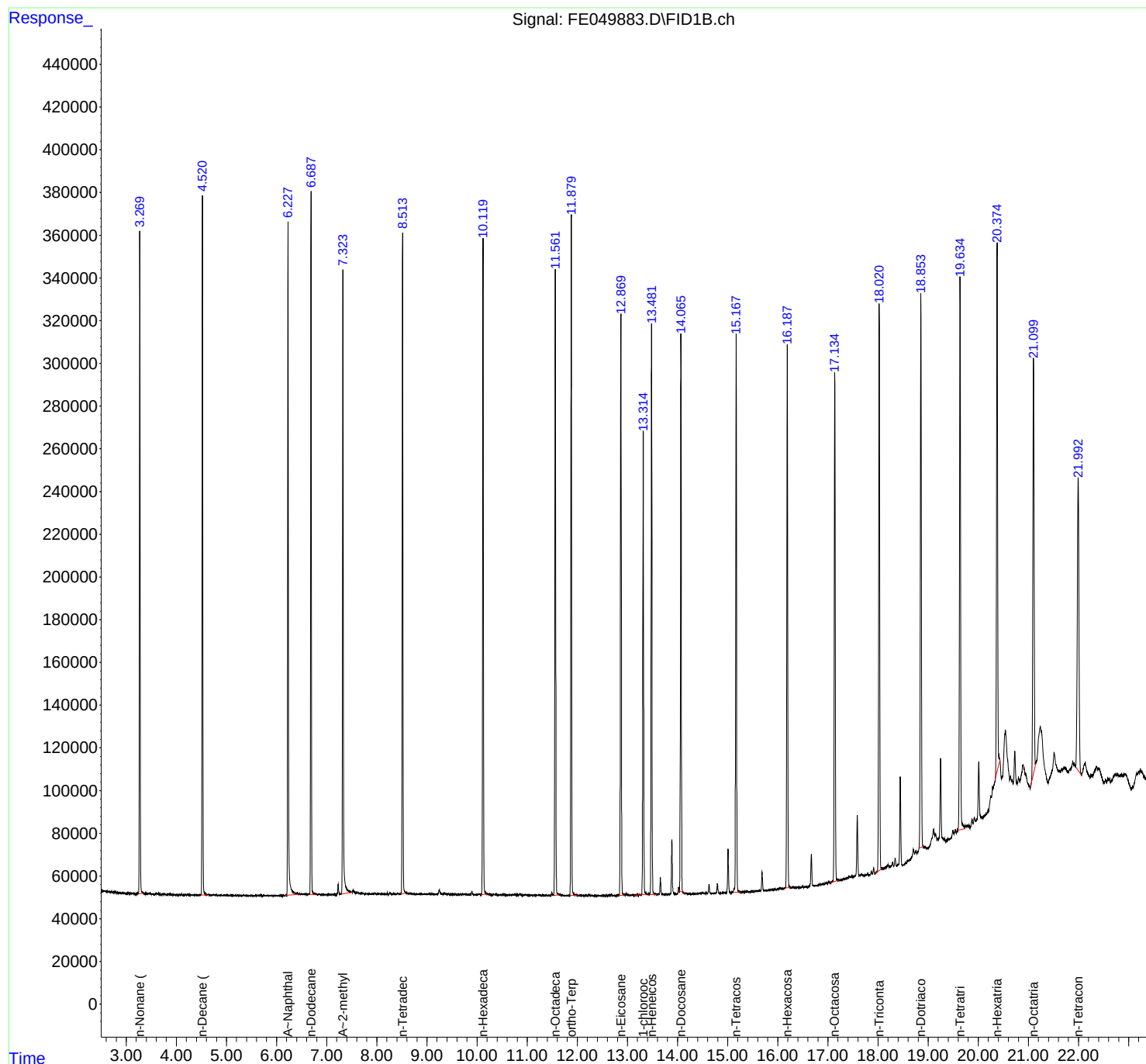
Instrument :
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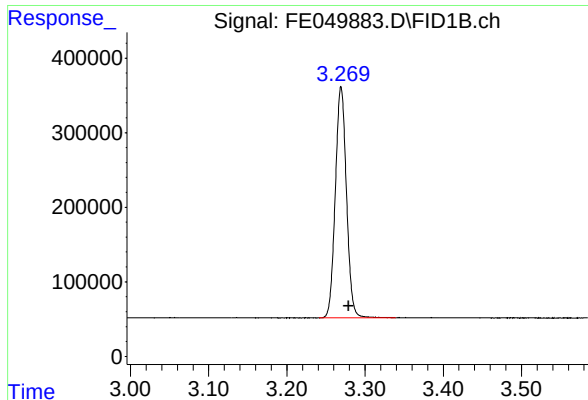
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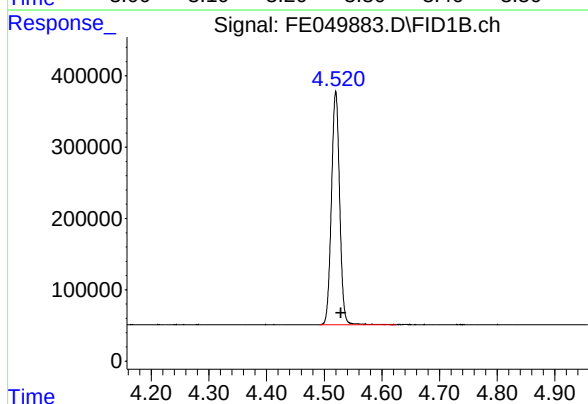
#1 n-Nonane (C9)

R.T.: 3.269 min
Delta R.T.: -0.010 min
Response: 3062813
Conc: 19.79 ug/ml

Instrument : FID_E
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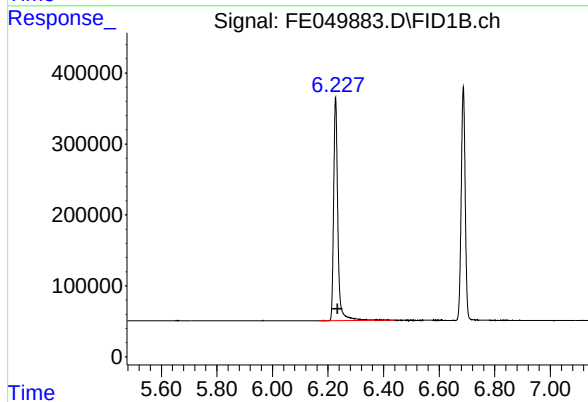
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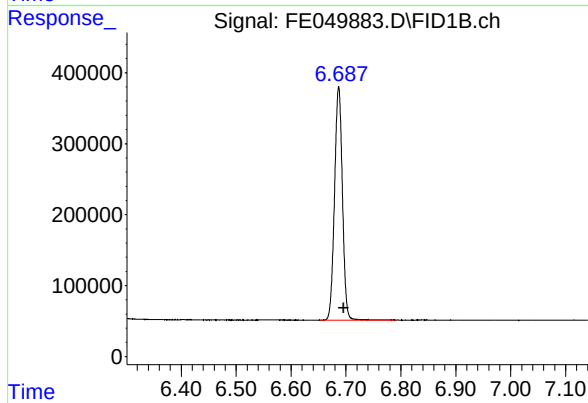
#2 n-Decane (C10)

R.T.: 4.520 min
Delta R.T.: -0.009 min
Response: 3231265
Conc: 20.47 ug/ml



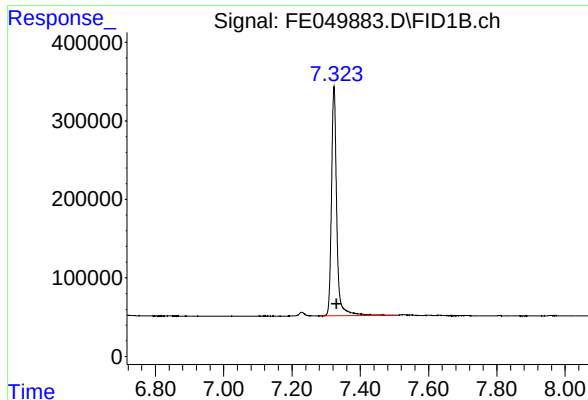
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 3329148
Conc: 20.75 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.009 min
Response: 3279296
Conc: 20.86 ug/ml



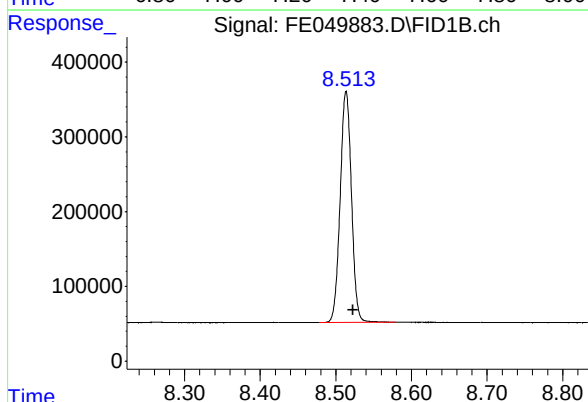
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 3132499
Conc: 20.92 ug/ml

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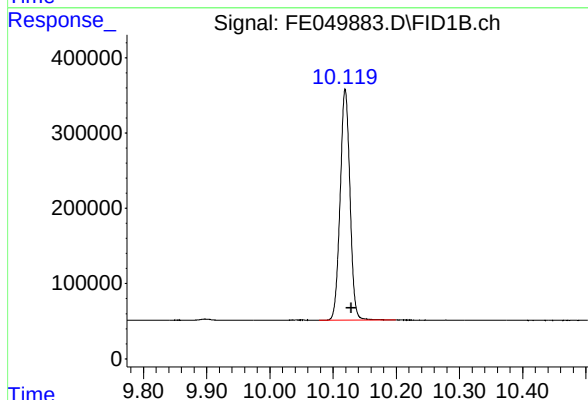
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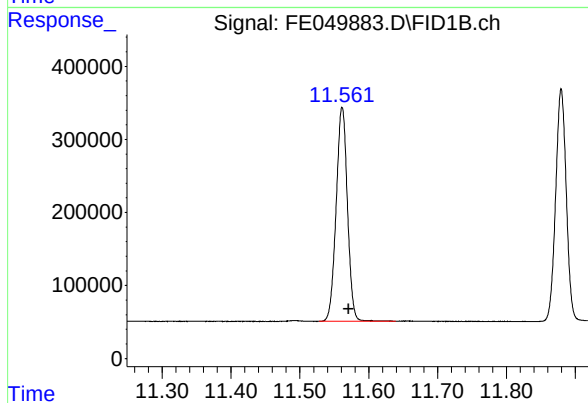
#6 n-Tetradecane (C14)

R.T.: 8.514 min
Delta R.T.: -0.009 min
Response: 3210670
Conc: 20.80 ug/ml



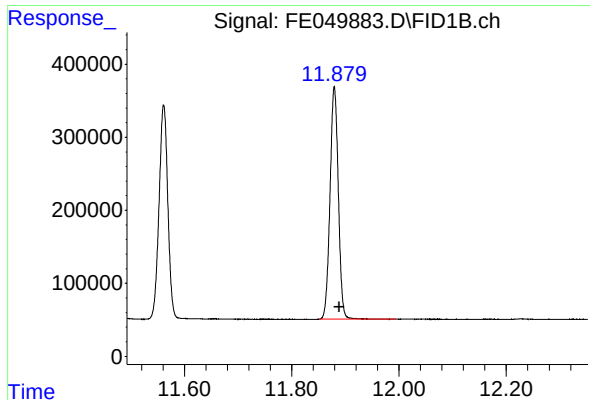
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: -0.010 min
Response: 3306477
Conc: 21.17 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.009 min
Response: 3335223
Conc: 21.24 ug/ml



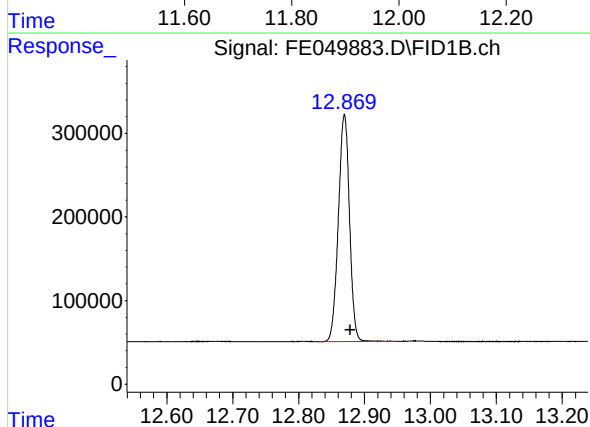
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: -0.009 min
Response: 3421778
Conc: 21.16 ug/ml

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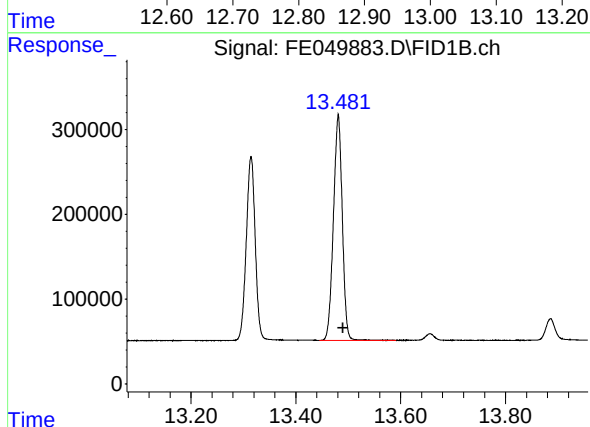
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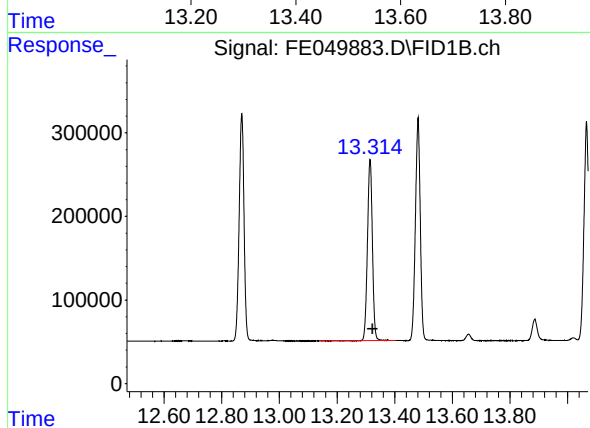
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: -0.009 min
Response: 3189767
Conc: 21.36 ug/ml



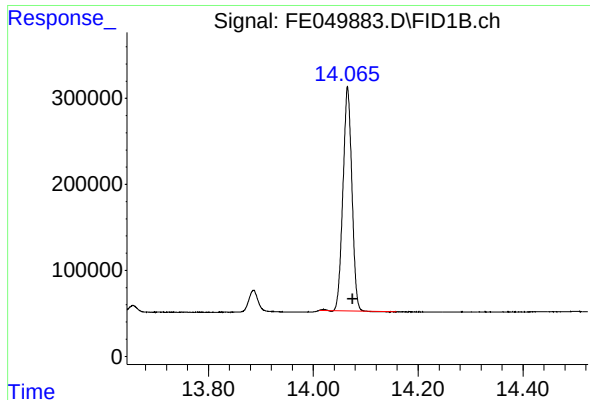
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 3125076
Conc: 21.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.009 min
Response: 2573692
Conc: 21.09 ug/ml



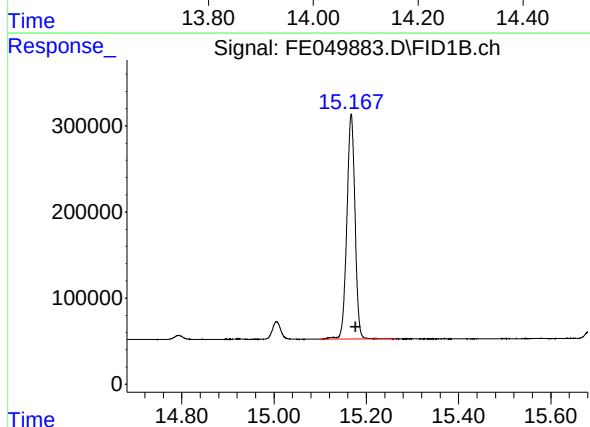
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.010 min
Response: 3085475
Conc: 21.17 ug/ml

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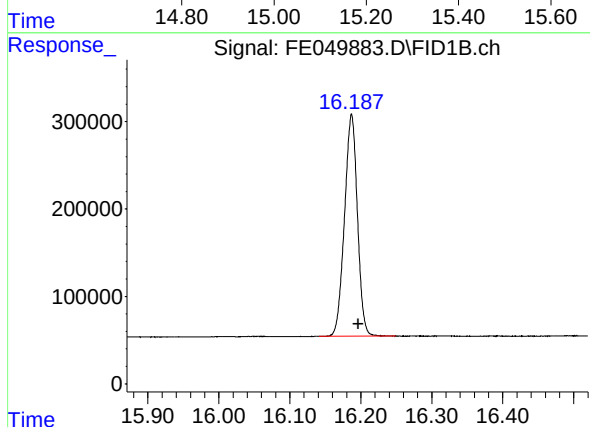
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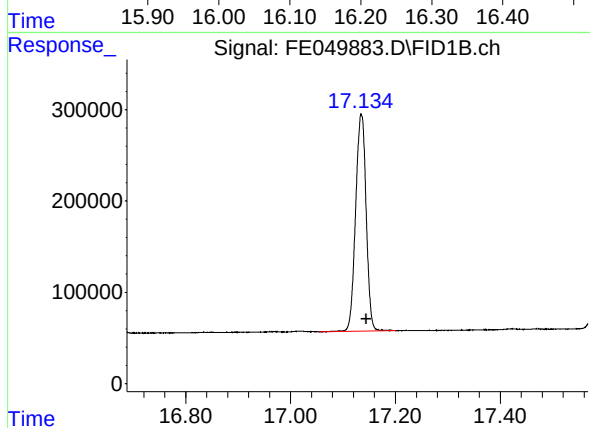
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.009 min
Response: 3210380
Conc: 22.07 ug/ml



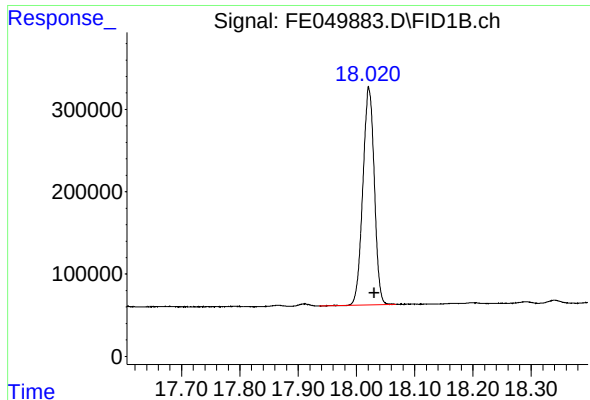
#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.010 min
Response: 3207342
Conc: 22.22 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.010 min
Response: 3313749
Conc: 23.01 ug/ml



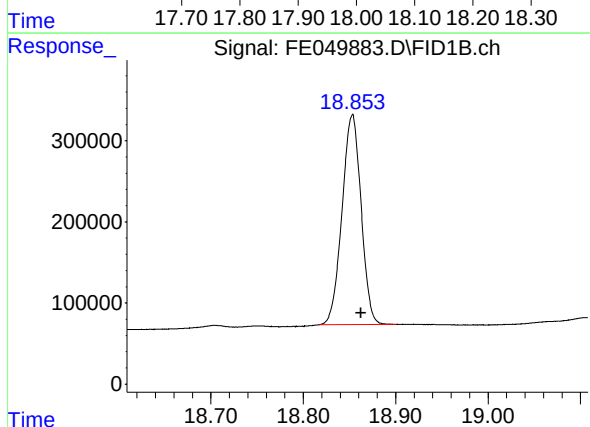
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.009 min
Response: 3604835
Conc: 24.08 ug/ml

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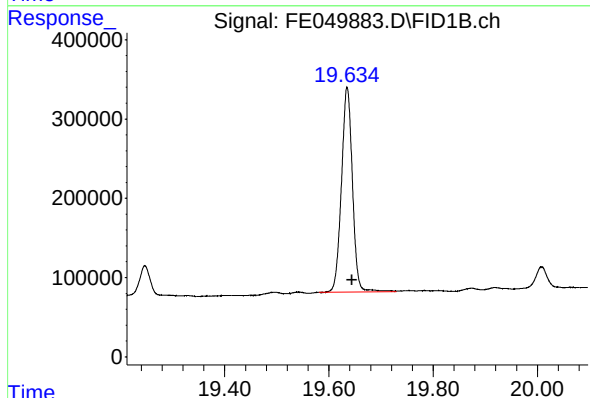
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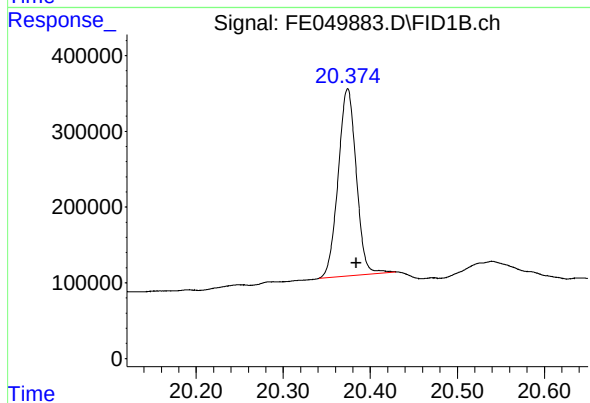
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.009 min
Response: 3711302
Conc: 24.53 ug/ml



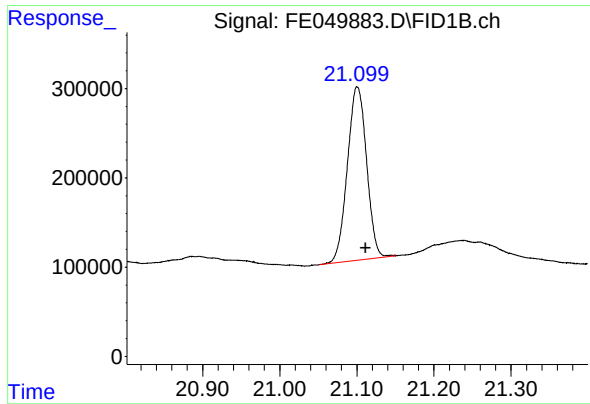
#19 n-Tetratriacontane (C34)

R.T.: 19.635 min
Delta R.T.: -0.009 min
Response: 3789618
Conc: 24.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.374 min
Delta R.T.: -0.010 min
Response: 3588446
Conc: 23.63 ug/ml



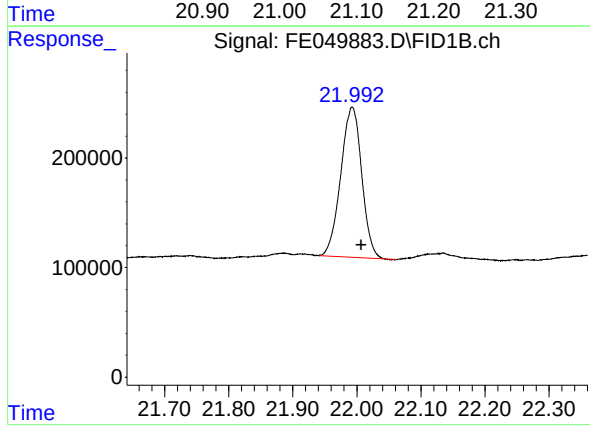
#21 n-Octatriacontane (C38)

R.T.: 21.101 min
Delta R.T.: -0.011 min
Response: 3361092
Conc: 21.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.993 min
Delta R.T.: -0.015 min
Response: 3106356
Conc: 20.35 ug/ml