

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110924AL\
 Data File : FE051106.D
 Signal(s) : FID1B.ch
 Acq On : 08 Nov 2024 05:18
 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 11/11/2024
 Supervised By :Ankita Jodhani 11/11/2024

Integration File: sample.E
 Quant Time: Nov 08 12:09:26 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 07 04:56:04 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)	11.852	3237669	21.571 ug/ml
Spiked Amount 50.000		Recovery =	43.14%
12) S 1-chlorooctadecane (S...	13.285	2469224	21.749 ug/ml
Spiked Amount 50.000		Recovery =	43.50%
Target Compounds			
1) T n-Nonane (C9)	3.240	3057448	22.096 ug/ml
2) T n-Decane (C10)	4.490	3109008	22.179 ug/ml
3) T A~Naphthalene (C11.7)	6.204	2998417	22.741 ug/ml
4) T n-Dodecane (C12)	6.658	3120326	22.099 ug/ml
5) T A~2-methylnaphthalene...	7.300	2764038	22.096 ug/ml
6) T n-Tetradecane (C14)	8.485	3055312	21.923 ug/ml
7) T n-Hexadecane (C16)	10.091	3091311	21.784 ug/ml
8) T n-Octadecane (C18)	11.532	3080628	21.572 ug/ml
10) T n-Eicosane (C20)	12.839	2943220	21.506 ug/ml
11) T n-Heneicosane (C21)	13.450	2876835	21.526 ug/ml
13) T n-Docosane (C22)	14.035	2874118	21.618 ug/ml
14) T n-Tetracosane (C24)	15.137	2911860	21.950 ug/ml
15) T n-Hexacosane (C26)	16.156	2923436	21.838 ug/ml
16) T n-Octacosane (C28)	17.106	2956223	21.684 ug/ml
17) T n-Tricontane (C30)	17.993	3078961	21.192 ug/ml
18) T n-Dotriacontane (C32)	18.824	3119435	21.009 ug/ml
19) T n-Tetratriacontane (C34)	19.607	2814520	20.947 ug/ml
20) T n-Hexatriacontane (C36)	20.346	2596607	21.762 ug/ml
21) T n-Octatriacontane (C38)	21.070	2133828	18.748 ug/mlm
22) T n-Tetracontane (C40)	21.953	1715073	15.420 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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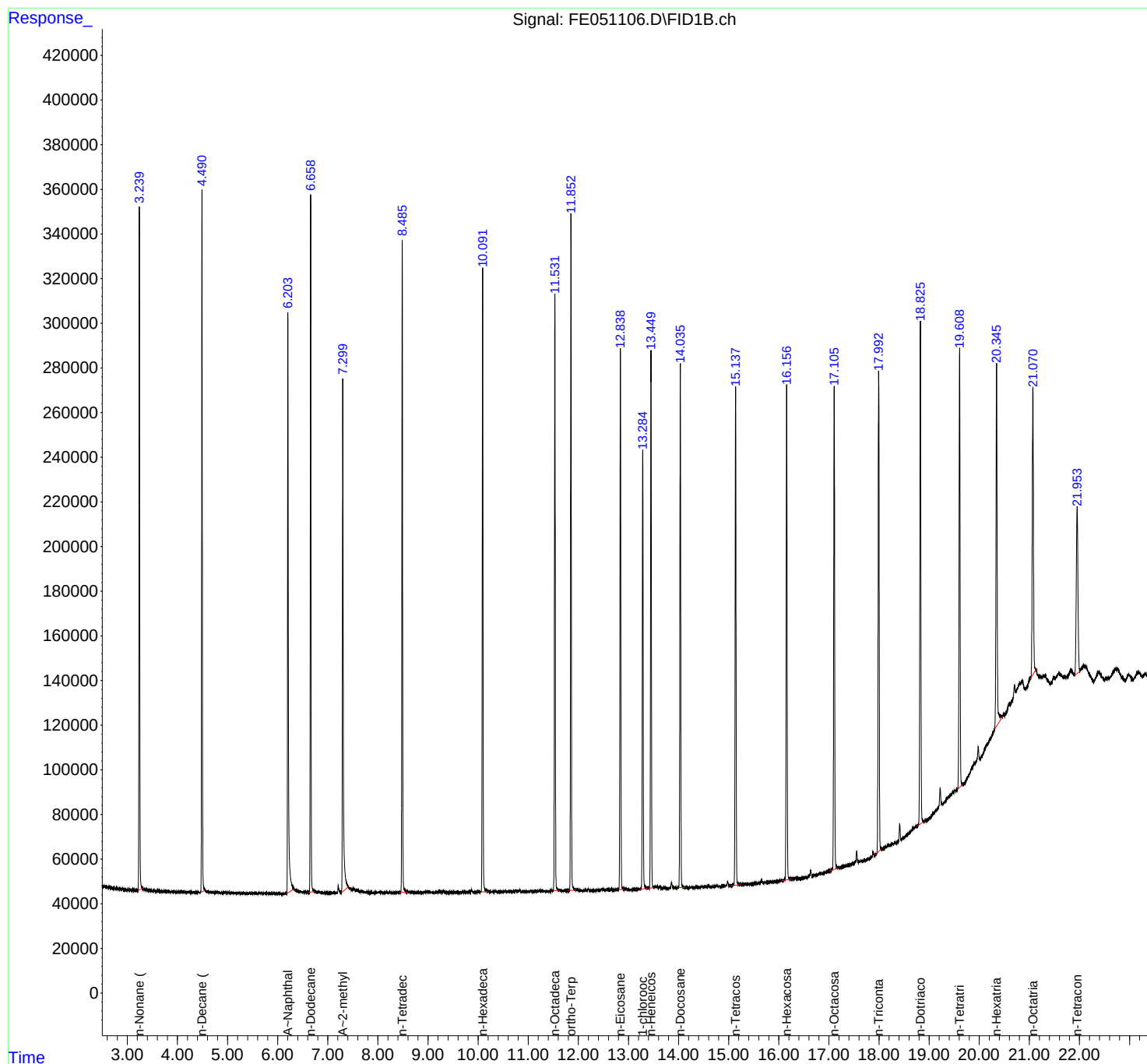
Instrument :
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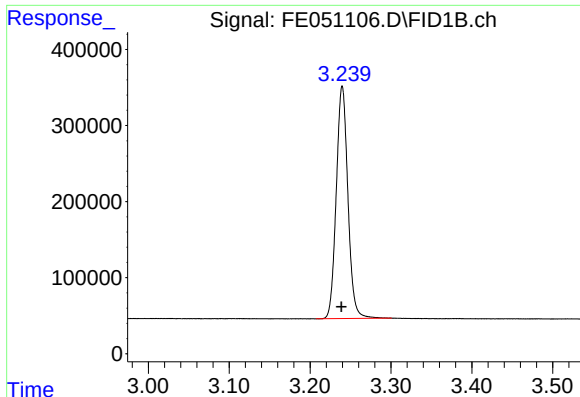
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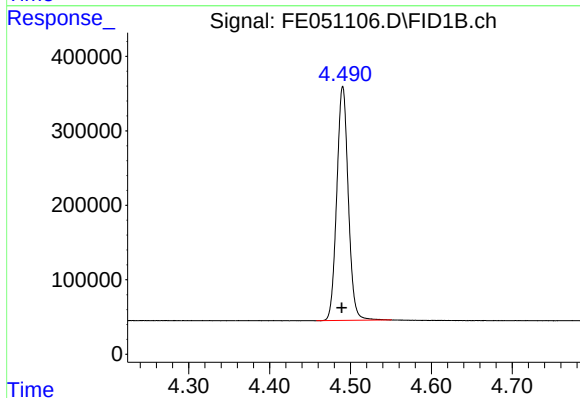
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.000 min
Response: 3057448
Conc: 22.10 ug/ml

Instrument :
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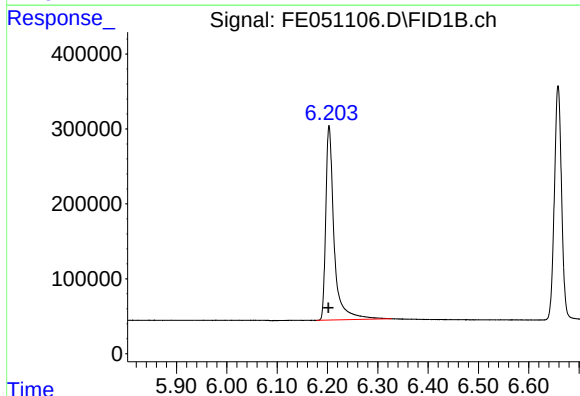
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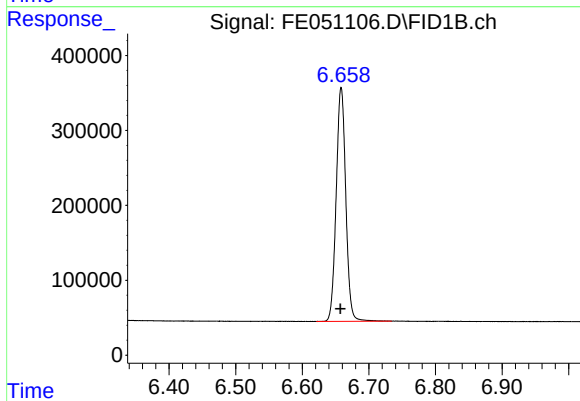
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: 0.001 min
Response: 3109008
Conc: 22.18 ug/ml



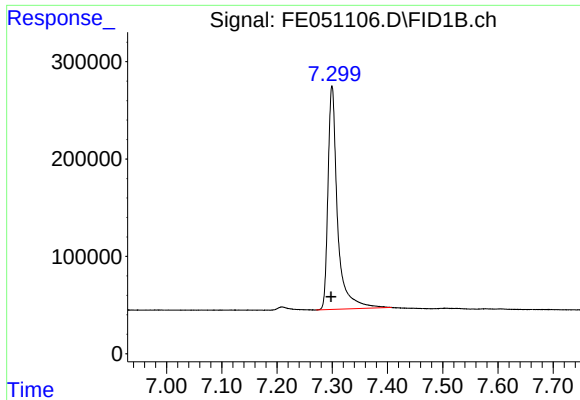
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.002 min
Response: 2998417
Conc: 22.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.658 min
Delta R.T.: 0.001 min
Response: 3120326
Conc: 22.10 ug/ml



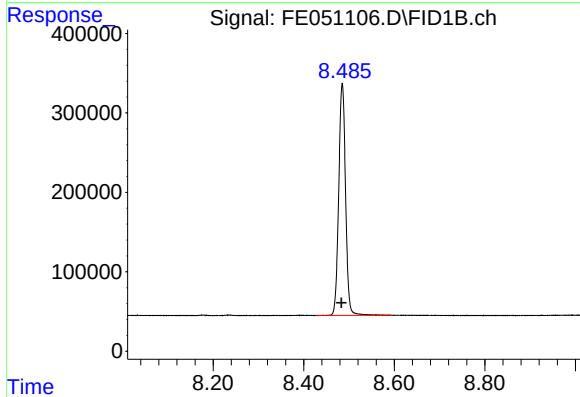
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.300 min
Delta R.T.: 0.002 min
Response: 2764038
Conc: 22.10 ug/ml

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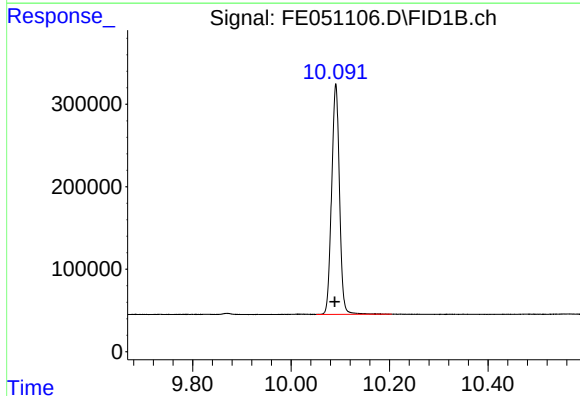
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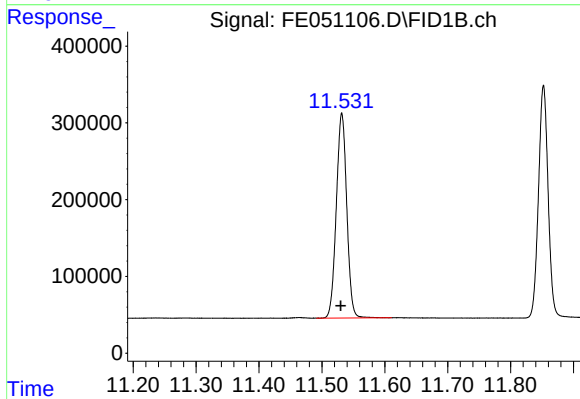
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.002 min
Response: 3055312
Conc: 21.92 ug/ml



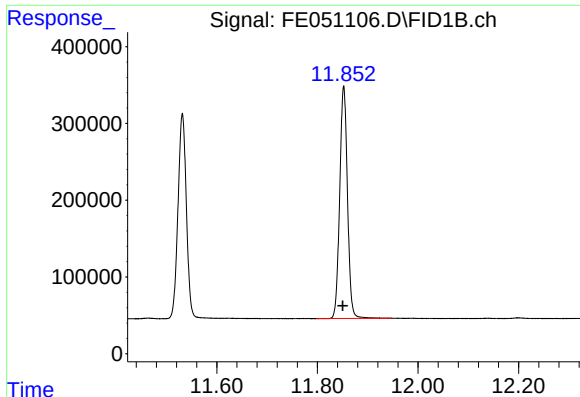
#7 n-Hexadecane (C16)

R.T.: 10.091 min
Delta R.T.: 0.002 min
Response: 3091311
Conc: 21.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.532 min
Delta R.T.: 0.002 min
Response: 3080628
Conc: 21.57 ug/ml



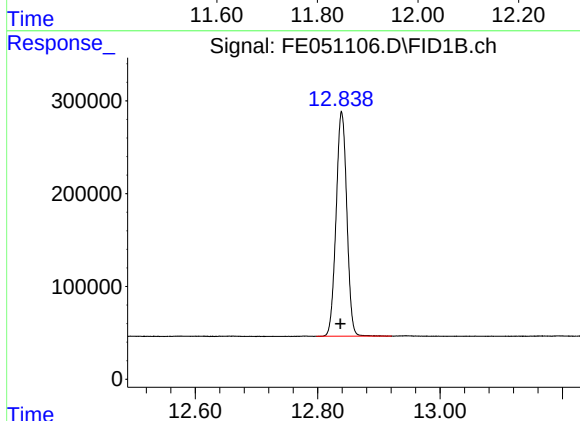
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: 0.002 min
Response: 3237669
Conc: 21.57 ug/ml

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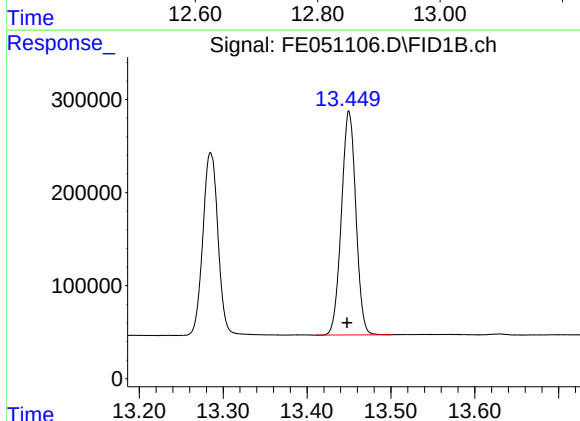
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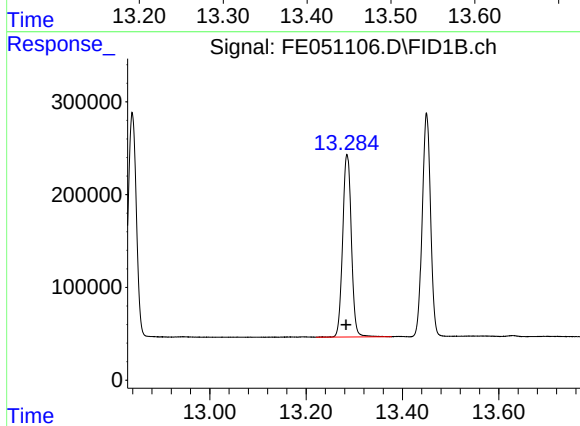
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.002 min
Response: 2943220
Conc: 21.51 ug/ml



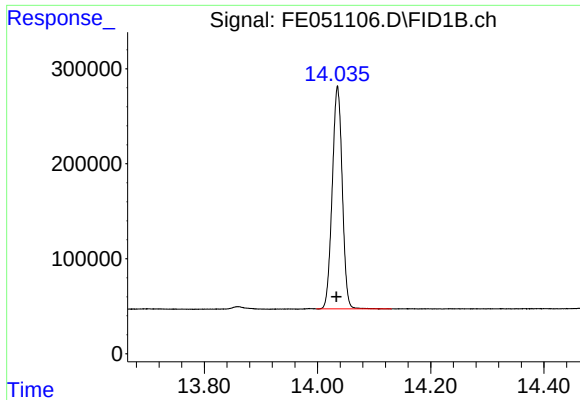
#11 n-Heneicosane (C21)

R.T.: 13.450 min
Delta R.T.: 0.002 min
Response: 2876835
Conc: 21.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.285 min
Delta R.T.: 0.002 min
Response: 2469224
Conc: 21.75 ug/ml



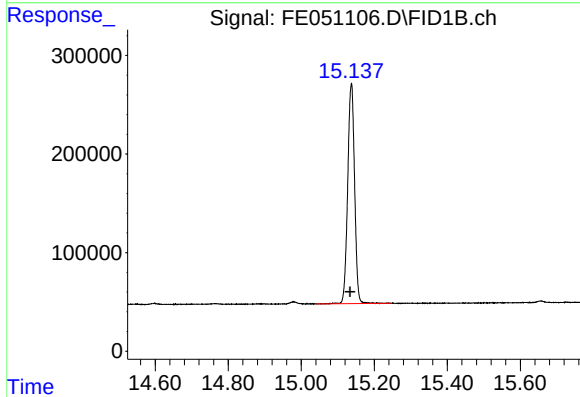
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: 0.002 min
Response: 2874118
Conc: 21.62 ug/ml

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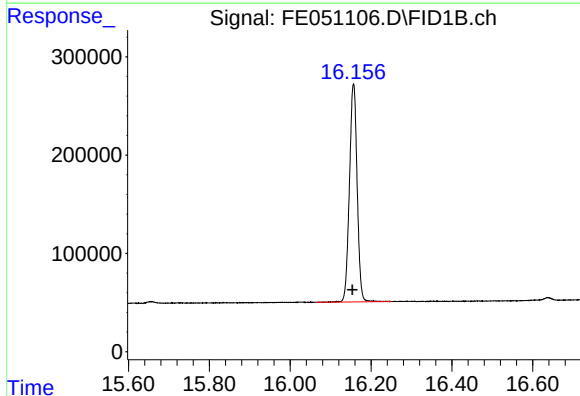
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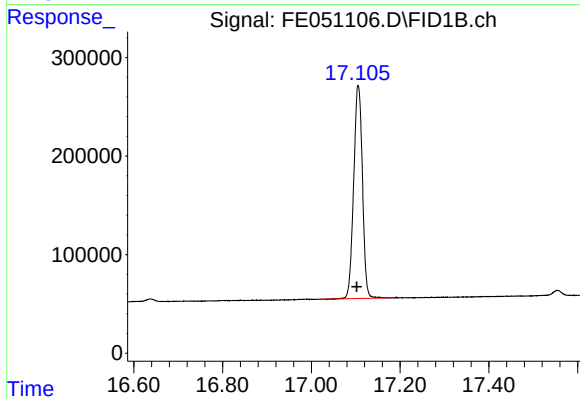
#14 n-Tetracosane (C24)

R.T.: 15.137 min
Delta R.T.: 0.003 min
Response: 2911860
Conc: 21.95 ug/ml



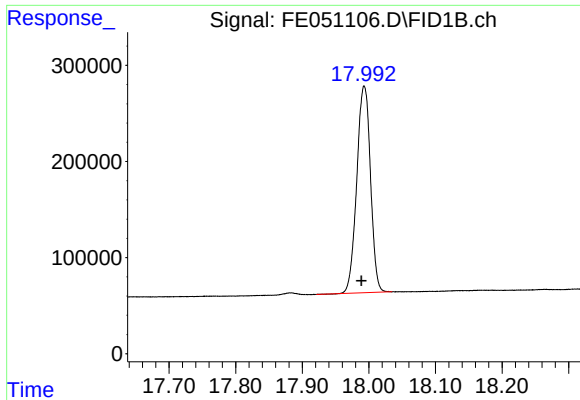
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: 0.003 min
Response: 2923436
Conc: 21.84 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: 0.004 min
Response: 2956223
Conc: 21.68 ug/ml



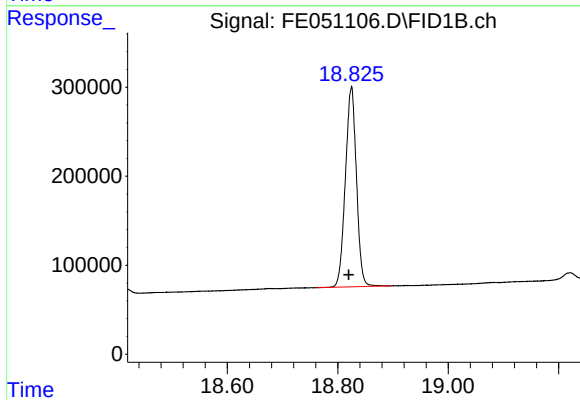
#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: 0.004 min
Response: 3078961
Conc: 21.19 ug/ml

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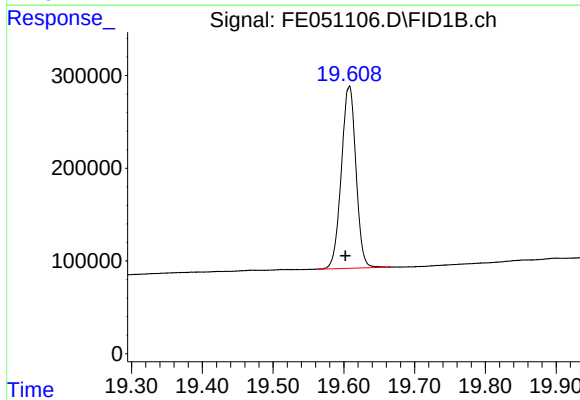
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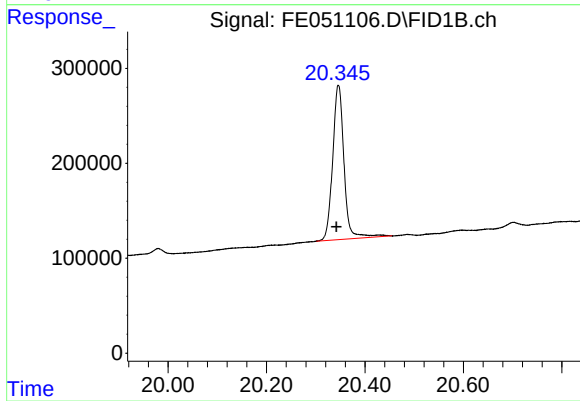
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 3119435
Conc: 21.01 ug/ml



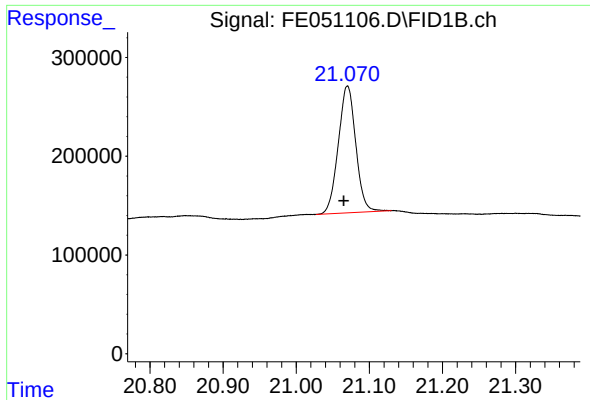
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: 0.005 min
Response: 2814520
Conc: 20.95 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.346 min
Delta R.T.: 0.004 min
Response: 2596607
Conc: 21.76 ug/ml



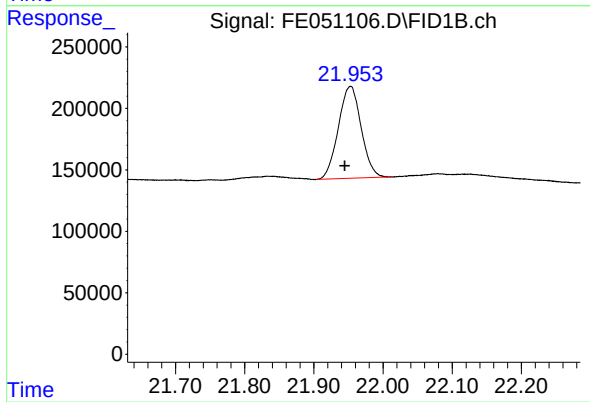
#21 n-Octatriacontane (C38)

R.T.: 21.070 min
Delta R.T.: 0.005 min
Response: 2133828
Conc: 18.75 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.953 min
Delta R.T.: 0.009 min
Response: 1715073
Conc: 15.42 ug/ml m