

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020124AL\
 Data File : FE046503.D
 Signal(s) : FID1B.ch
 Acq On : 01 Feb 2024 10:27
 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 :Ankita Jodhani 02/02/2024
 Supervised By :Sohil Jodhani 02/02/2024

Integration File: sample.E
 Quant Time: Feb 01 11:47:40 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 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)	11.822	3772871	20.404 ug/ml
Spiked Amount 50.000		Recovery =	40.81%
12) S 1-chlorooctadecane (S...	13.266	2849882	20.031 ug/ml
Spiked Amount 50.000		Recovery =	40.06%
Target Compounds			
1) T n-Nonane (C9)	3.209	3450934	21.364 ug/ml
2) T n-Decane (C10)	4.460	3577878	21.832 ug/ml
3) T A~Naphthalene (C11.7)	6.165	3757541	21.974 ug/ml
4) T n-Dodecane (C12)	6.628	3622983	21.903 ug/ml
5) T A~2-methylnaphthalene...	7.261	3592219	22.523 ug/ml
6) T n-Tetradecane (C14)	8.454	3554656	21.688 ug/ml
7) T n-Hexadecane (C16)	10.064	3631082	21.249 ug/ml
8) T n-Octadecane (C18)	11.509	3630494	20.824 ug/ml
10) T n-Eicosane (C20)	12.820	3436556	20.240 ug/ml
11) T n-Heneicosane (C21)	13.431	3351887	20.096 ug/ml
13) T n-Docosane (C22)	14.019	3314415	20.006 ug/ml
14) T n-Tetracosane (C24)	15.124	3255553	19.730 ug/ml
15) T n-Hexacosane (C26)	16.147	3172017	19.653 ug/ml
16) T n-Octacosane (C28)	17.099	3118076	19.863 ug/ml
17) T n-Tricontane (C30)	17.988	3170389	20.241 ug/ml
18) T n-Dotriacontane (C32)	18.824	3086006	20.416 ug/ml
19) T n-Tetratriacontane (C34)	19.609	2942618	20.747 ug/ml
20) T n-Hexatriacontane (C36)	20.351	2717380	19.714 ug/ml
21) T n-Octatriacontane (C38)	21.082	2865823	22.355 ug/ml
22) T n-Tetracontane (C40)	21.973	2583825	20.665 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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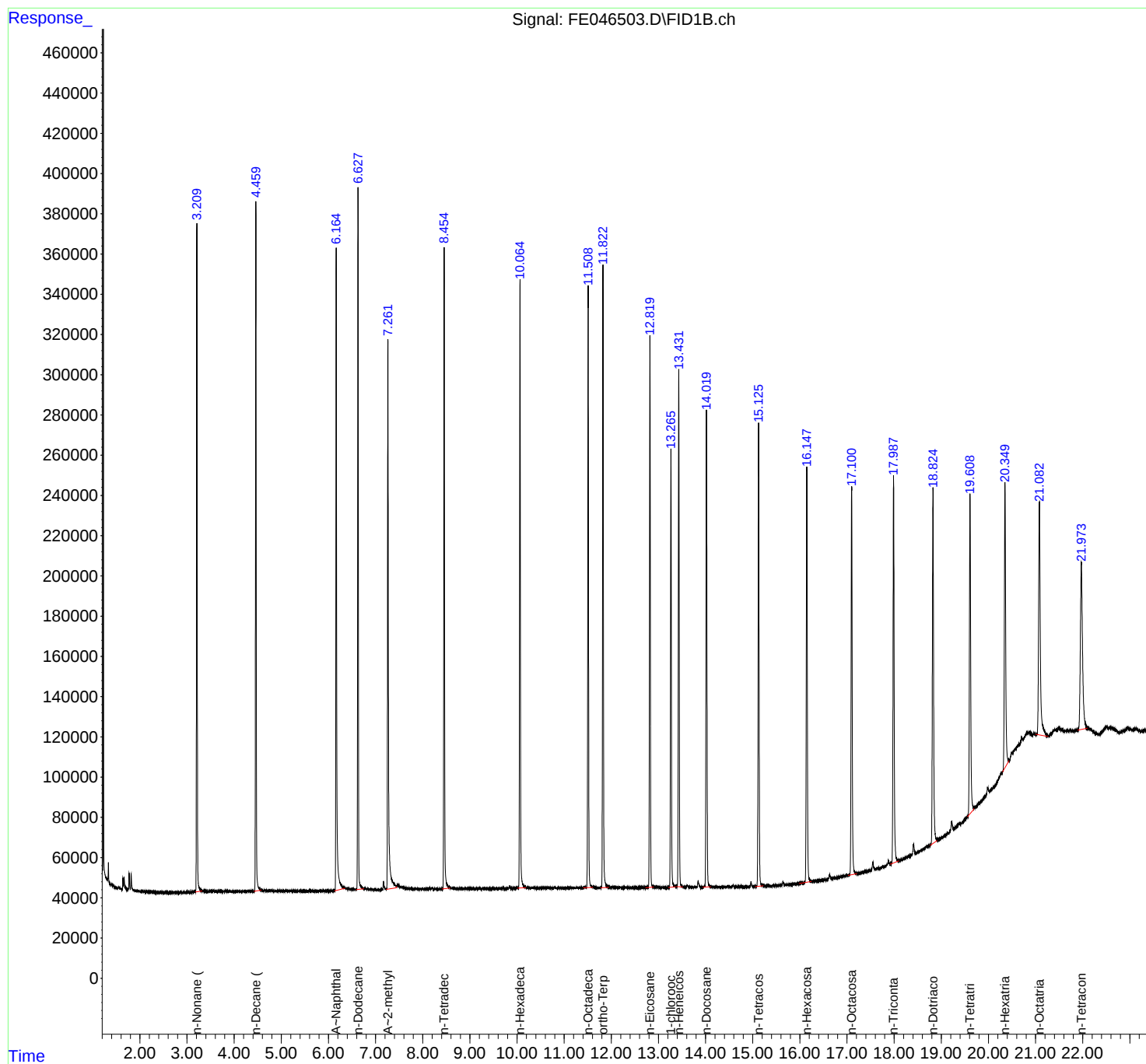
Instrument :
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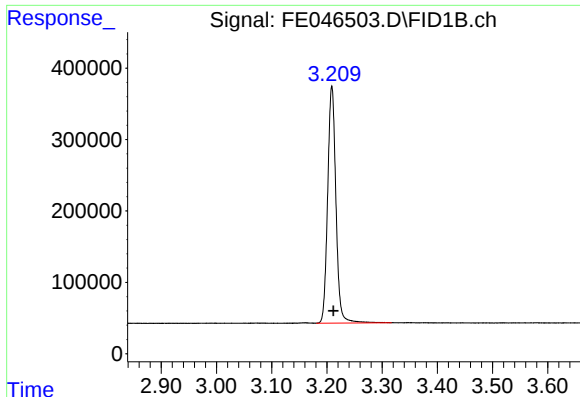
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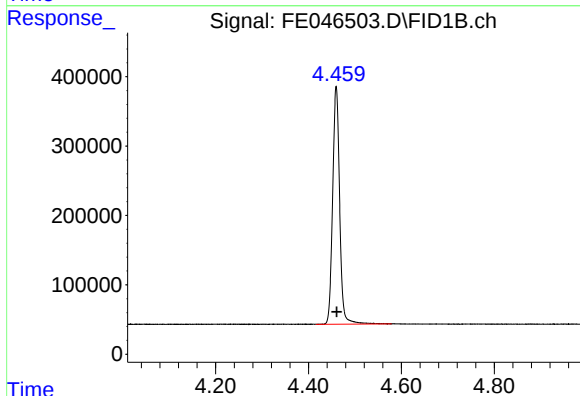
#1 n-Nonane (C9)

R.T.: 3.209 min
Delta R.T.: -0.003 min
Response: 3450934
Conc: 21.36 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

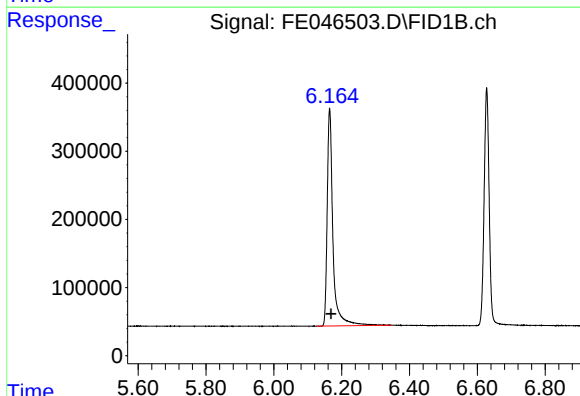
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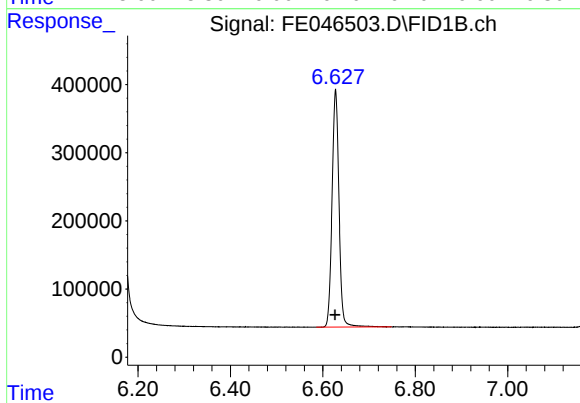
#2 n-Decane (C10)

R.T.: 4.460 min
Delta R.T.: -0.001 min
Response: 3577878
Conc: 21.83 ug/ml



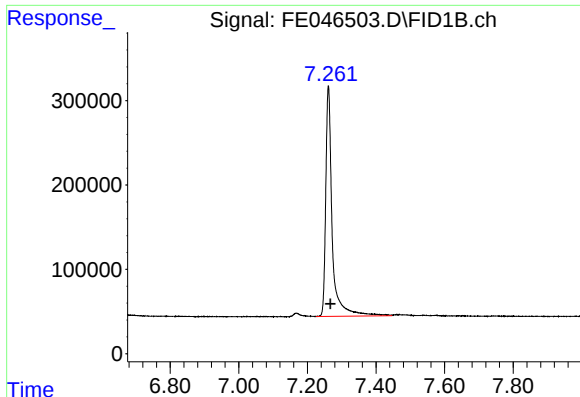
#3 A~Naphthalene (C11.7)

R.T.: 6.165 min
Delta R.T.: -0.004 min
Response: 3757541
Conc: 21.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.628 min
Delta R.T.: 0.000 min
Response: 3622983
Conc: 21.90 ug/ml



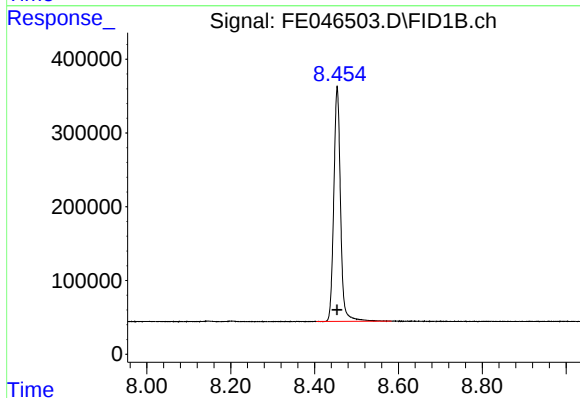
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.261 min
Delta R.T.: -0.006 min
Response: 3592219
Conc: 22.52 ug/ml

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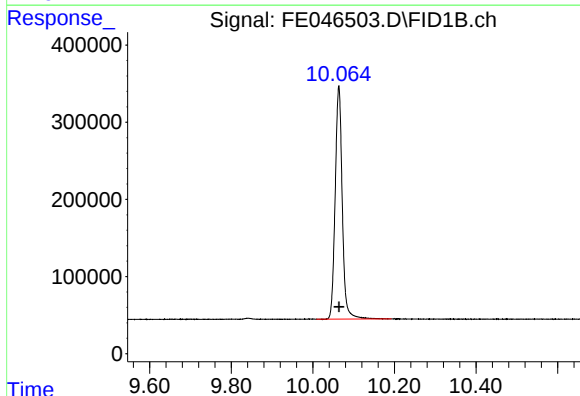
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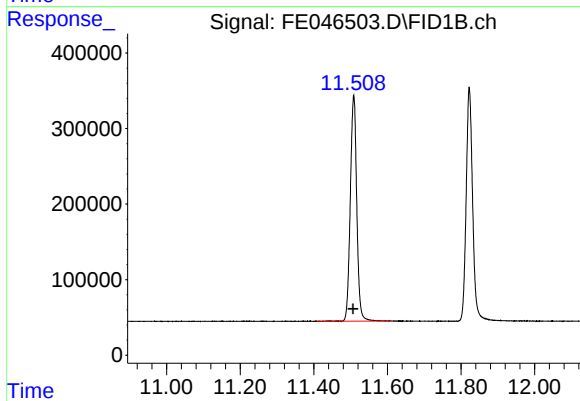
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: 0.000 min
Response: 3554656
Conc: 21.69 ug/ml



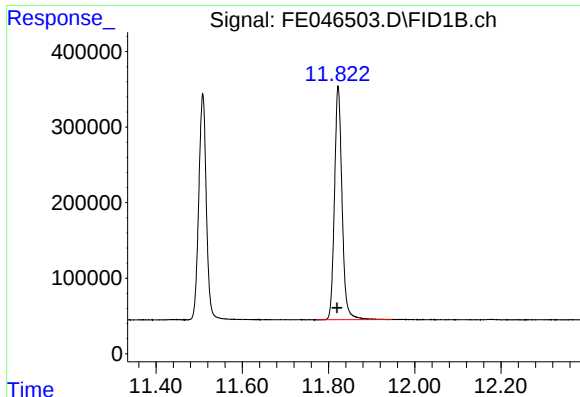
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: 0.000 min
Response: 3631082
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.509 min
Delta R.T.: 0.002 min
Response: 3630494
Conc: 20.82 ug/ml



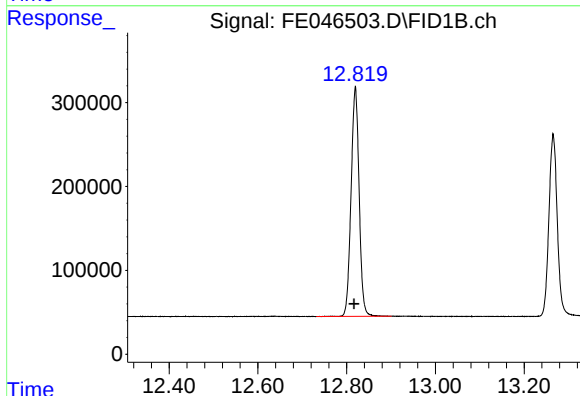
#9 ortho-Terphenyl (SURR)

R.T.: 11.822 min
Delta R.T.: 0.002 min
Response: 3772871
Conc: 20.40 ug/ml

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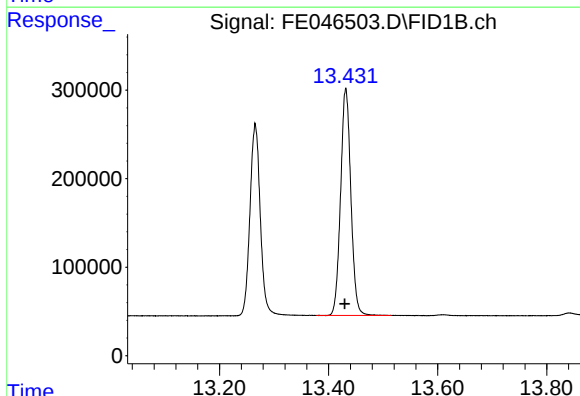
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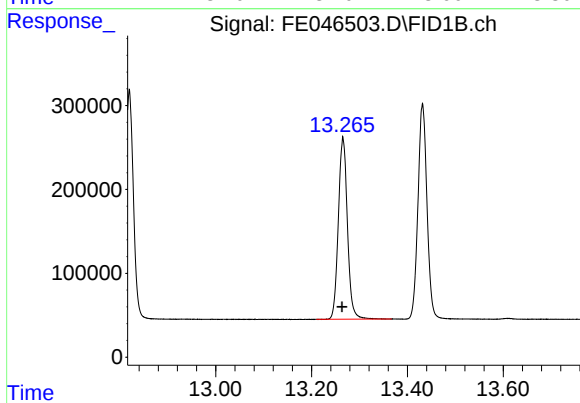
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: 0.003 min
Response: 3436556
Conc: 20.24 ug/ml



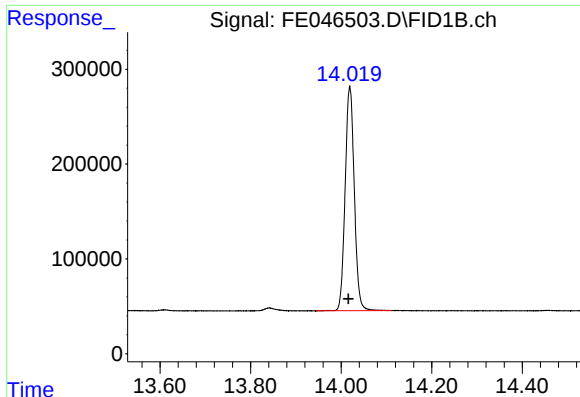
#11 n-Heneicosane (C21)

R.T.: 13.431 min
Delta R.T.: 0.002 min
Response: 3351887
Conc: 20.10 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.266 min
Delta R.T.: 0.002 min
Response: 2849882
Conc: 20.03 ug/ml



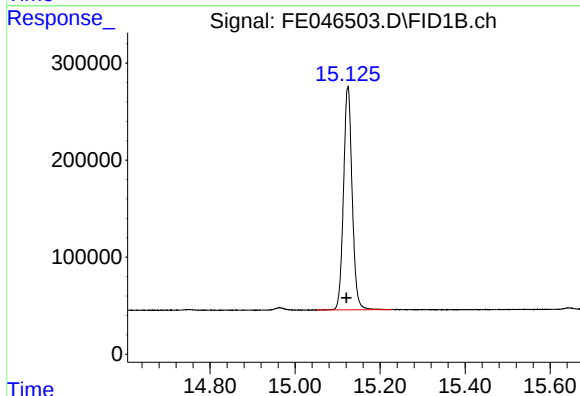
#13 n-Docosane (C22)

R.T.: 14.019 min
Delta R.T.: 0.003 min
Response: 3314415
Conc: 20.01 ug/ml

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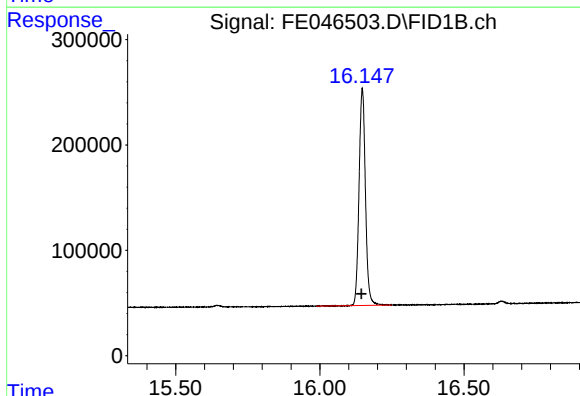
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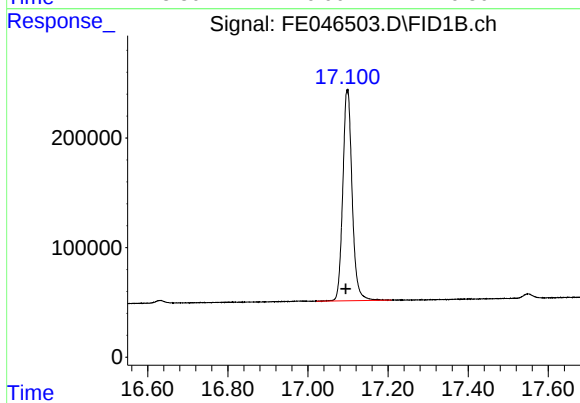
#14 n-Tetracosane (C24)

R.T.: 15.124 min
Delta R.T.: 0.003 min
Response: 3255553
Conc: 19.73 ug/ml



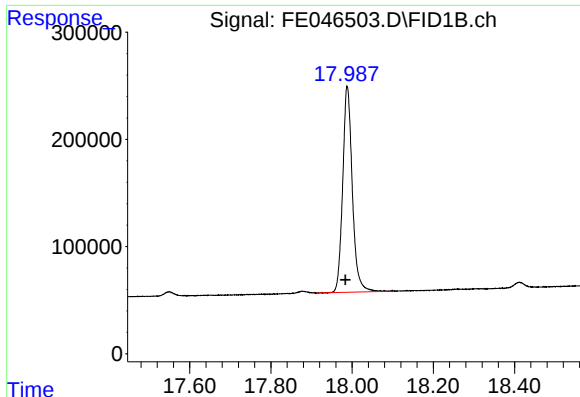
#15 n-Hexacosane (C26)

R.T.: 16.147 min
Delta R.T.: 0.003 min
Response: 3172017
Conc: 19.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.099 min
Delta R.T.: 0.004 min
Response: 3118076
Conc: 19.86 ug/ml



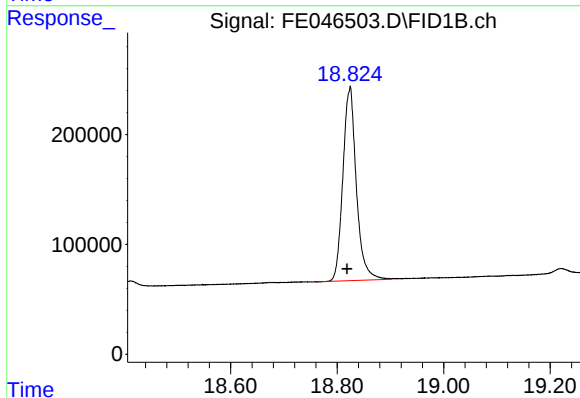
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: 0.004 min
Response: 3170389
Conc: 20.24 ug/ml

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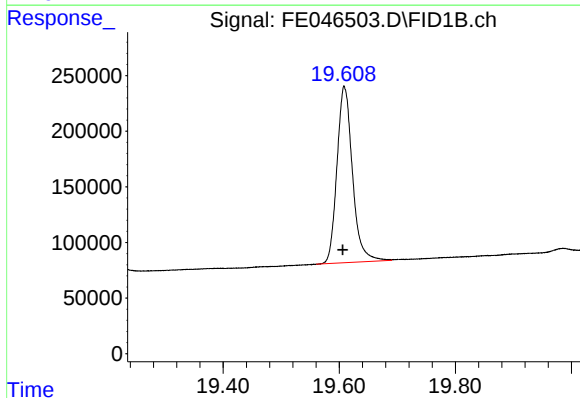
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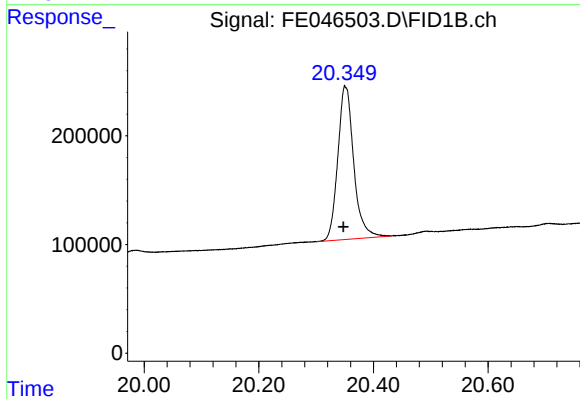
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.006 min
Response: 3086006
Conc: 20.42 ug/ml



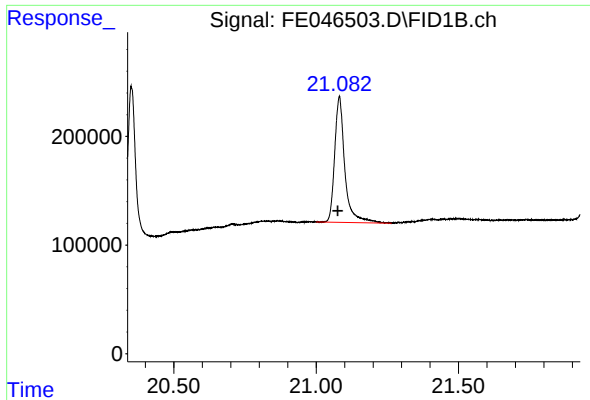
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: 0.003 min
Response: 2942618
Conc: 20.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.351 min
Delta R.T.: 0.003 min
Response: 2717380
Conc: 19.71 ug/ml



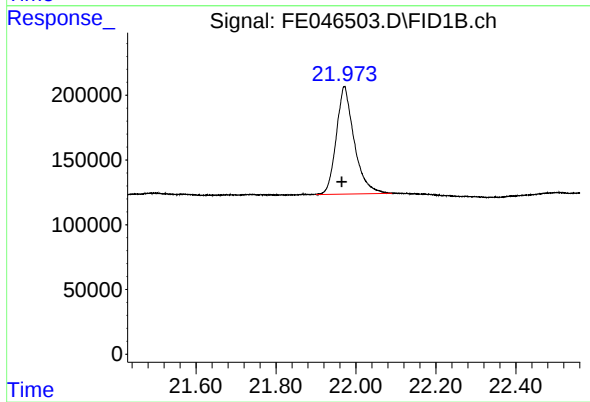
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: 0.005 min
Response: 2865823
Conc: 22.36 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.008 min
Response: 2583825
Conc: 20.66 ug/ml m