

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110624AL\
 Data File : FE051072.D
 Signal(s) : FID1B.ch
 Acq On : 06 Nov 2024 15:21
 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 11/07/2024
 Supervised By :Ankita Jodhani 11/07/2024

Integration File: autoint1.e
 Quant Time: Nov 07 03:16:01 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M
 Quant Title : GC Extractables
 QLast Update : Mon Oct 07 16:32:18 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)	11.851	3334024	21.148 ug/ml
Spiked Amount 50.000		Recovery =	42.30%
12) S 1-chlorooctadecane (S...	13.284	2541782	21.487 ug/ml
Spiked Amount 50.000		Recovery =	42.97%
Target Compounds			
1) T n-Nonane (C9)	3.239	3082840	21.819 ug/ml
2) T n-Decane (C10)	4.490	3152271	21.971 ug/ml
3) T A~Naphthalene (C11.7)	6.202	3029626	21.188 ug/ml
4) T n-Dodecane (C12)	6.657	3166959	22.003 ug/ml
5) T A~2-methylnaphthalene...	7.298	2843562	21.464 ug/ml
6) T n-Tetradecane (C14)	8.484	3106499	21.714 ug/ml
7) T n-Hexadecane (C16)	10.089	3165705	21.511 ug/ml
8) T n-Octadecane (C18)	11.530	3179678	21.287 ug/ml
10) T n-Eicosane (C20)	12.837	3036885	21.178 ug/ml
11) T n-Heneicosane (C21)	13.448	2971521	21.160 ug/ml
13) T n-Docosane (C22)	14.034	2951733	21.039 ug/ml
14) T n-Tetracosane (C24)	15.135	2949142	20.875 ug/ml
15) T n-Hexacosane (C26)	16.155	2958504	21.025 ug/ml
16) T n-Octacosane (C28)	17.104	2975939	20.337 ug/ml
17) T n-Tricontane (C30)	17.990	3105603	19.532 ug/ml
18) T n-Dotriacontane (C32)	18.821	3114486	19.212 ug/ml
19) T n-Tetratriacontane (C34)	19.603	2840365	19.337 ug/mlm
20) T n-Hexatriacontane (C36)	20.340	2560688	20.192 ug/mlm
21) T n-Octatriacontane (C38)	21.066	2320533	18.767 ug/mlm
22) T n-Tetracontane (C40)	21.943	2009370	18.045 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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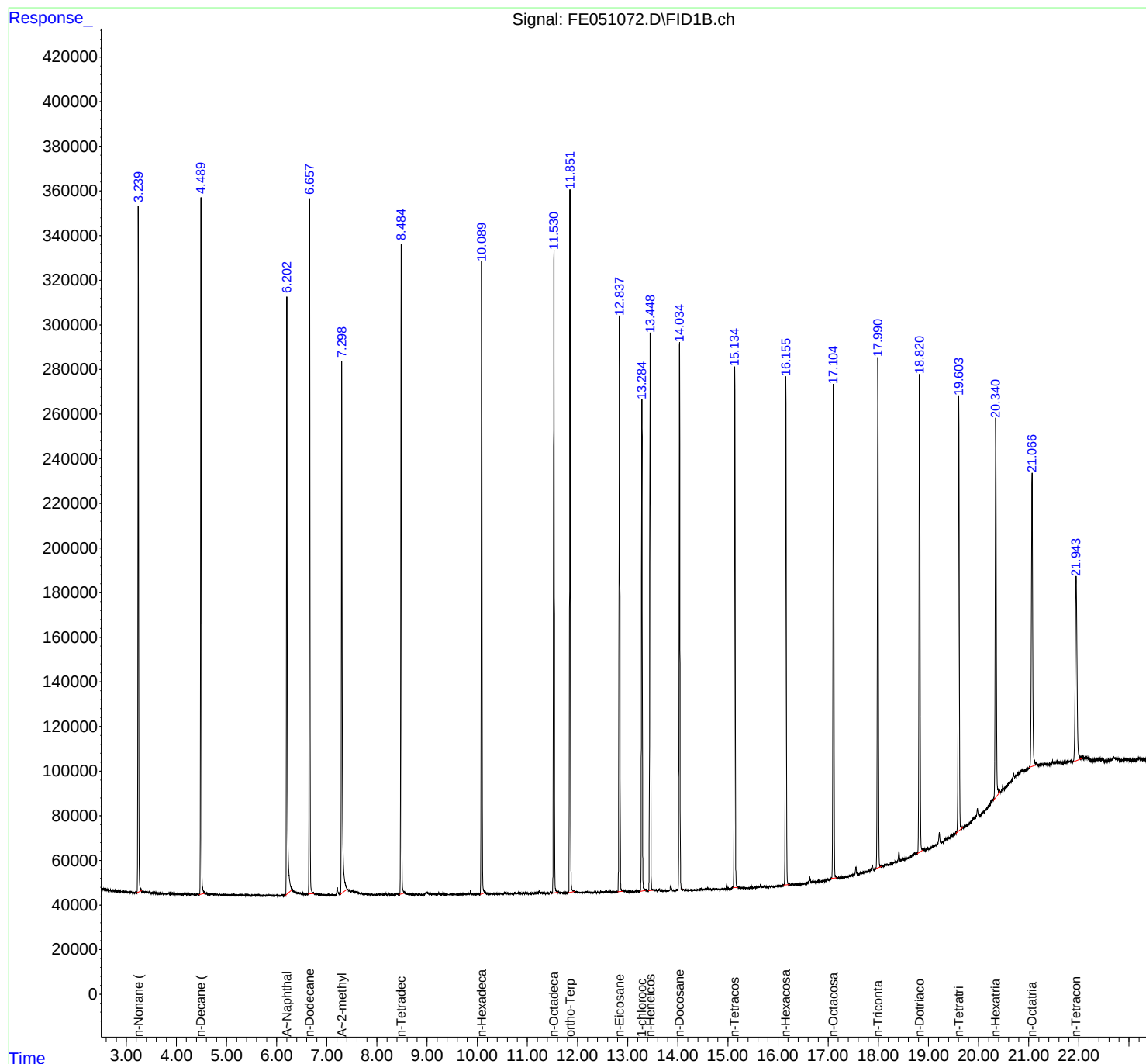
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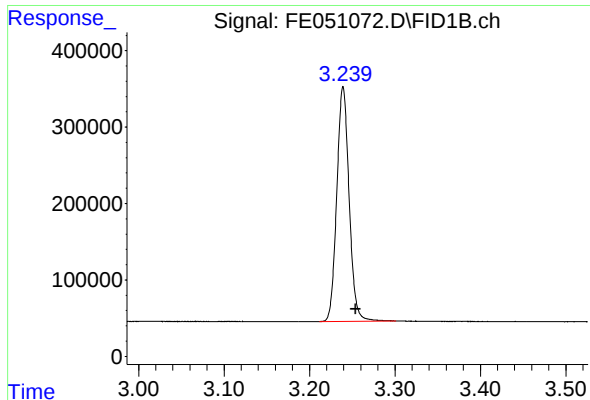
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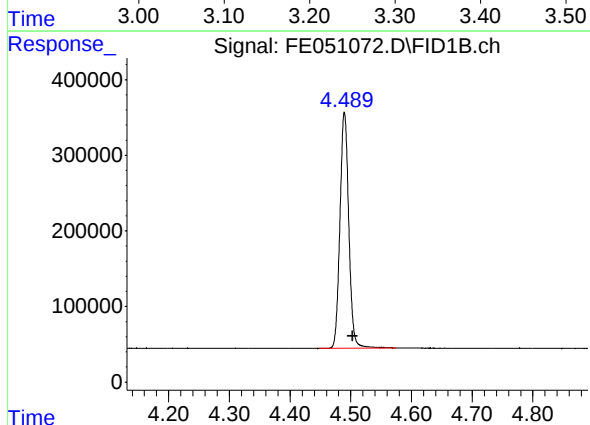
#1 n-Nonane (C9)

R.T.: 3.239 min
Delta R.T.: -0.015 min
Response: 3082840
Conc: 21.82 ug/ml

Instrument : FID_E
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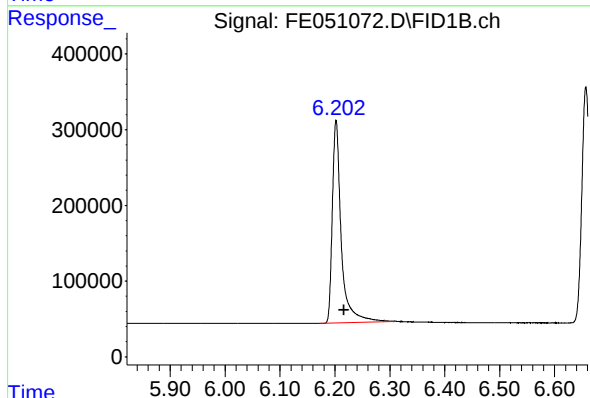
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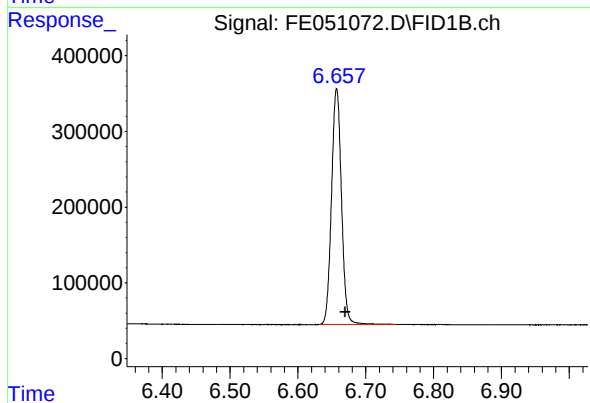
#2 n-Decane (C10)

R.T.: 4.490 min
Delta R.T.: -0.013 min
Response: 3152271
Conc: 21.97 ug/ml



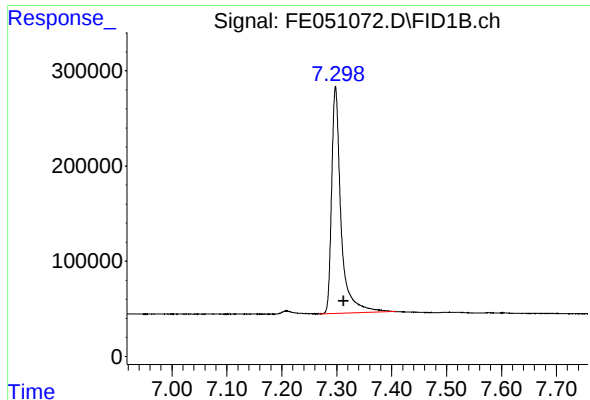
#3 A~Naphthalene (C11.7)

R.T.: 6.202 min
Delta R.T.: -0.014 min
Response: 3029626
Conc: 21.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.657 min
Delta R.T.: -0.013 min
Response: 3166959
Conc: 22.00 ug/ml



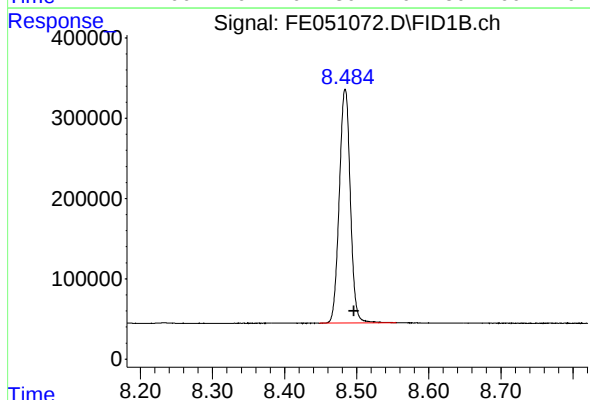
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.298 min
Delta R.T.: -0.015 min
Response: 2843562
Conc: 21.46 ug/ml

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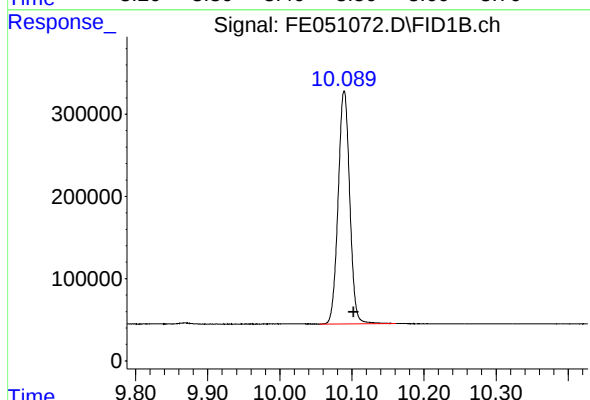
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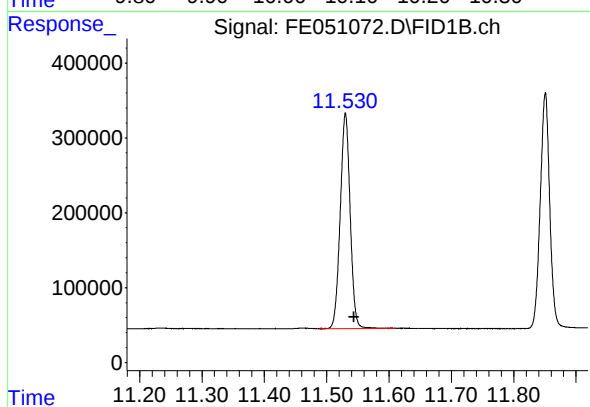
#6 n-Tetradecane (C14)

R.T.: 8.484 min
Delta R.T.: -0.012 min
Response: 3106499
Conc: 21.71 ug/ml



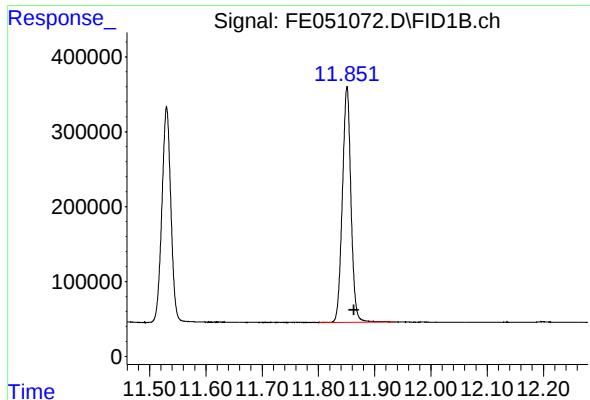
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: -0.013 min
Response: 3165705
Conc: 21.51 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.530 min
Delta R.T.: -0.014 min
Response: 3179678
Conc: 21.29 ug/ml



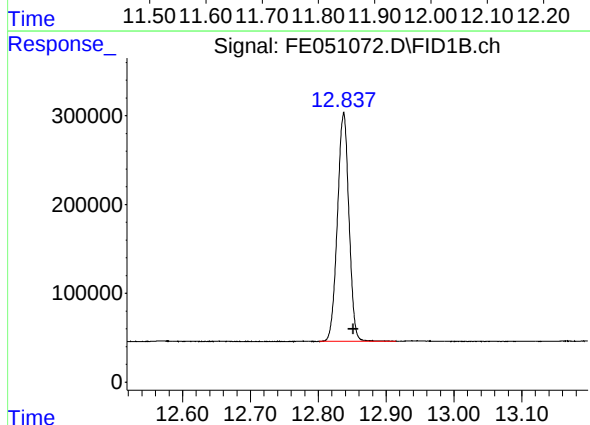
#9 ortho-Terphenyl (SURR)

R.T.: 11.851 min
Delta R.T.: -0.012 min
Response: 3334024
Conc: 21.15 ug/ml

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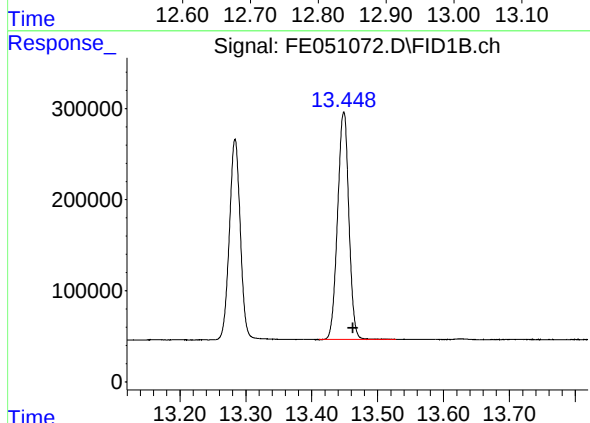
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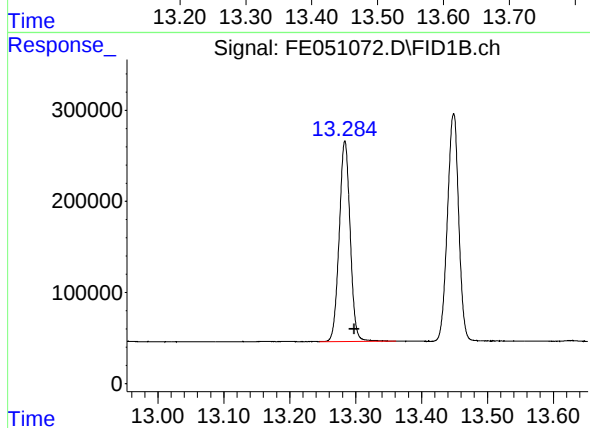
#10 n-Eicosane (C20)

R.T.: 12.837 min
Delta R.T.: -0.014 min
Response: 3036885
Conc: 21.18 ug/ml



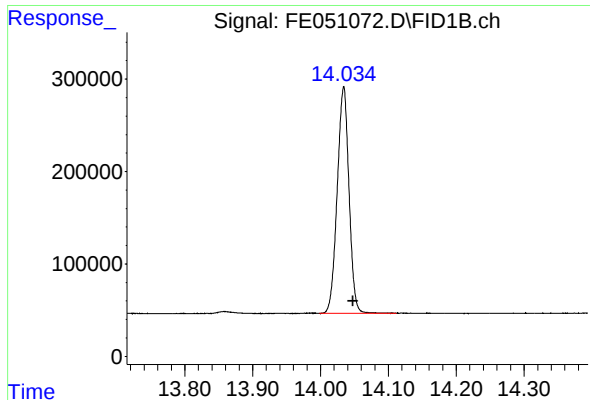
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.014 min
Response: 2971521
Conc: 21.16 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.284 min
Delta R.T.: -0.014 min
Response: 2541782
Conc: 21.49 ug/ml



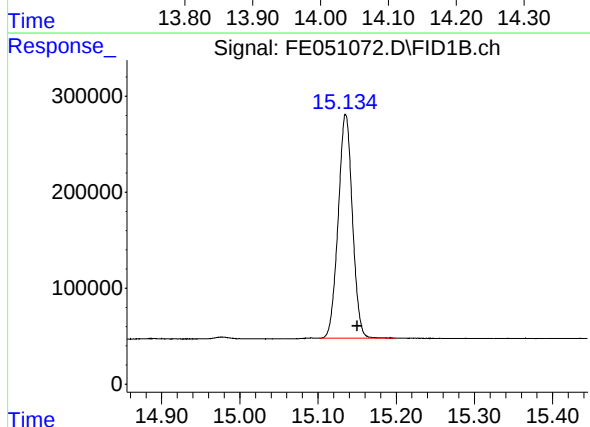
#13 n-Docosane (C22)

R.T.: 14.034 min
Delta R.T.: -0.014 min
Response: 2951733
Conc: 21.04 ug/ml

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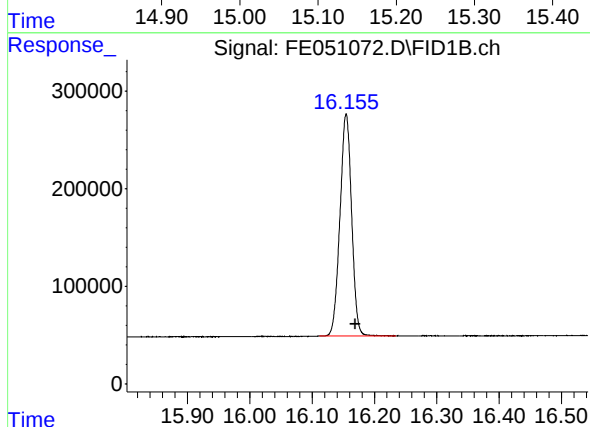
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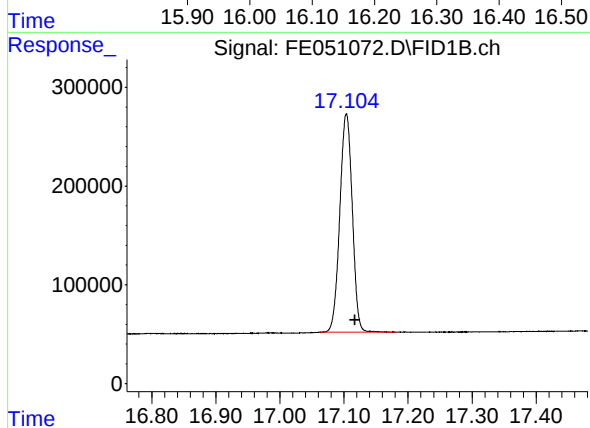
#14 n-Tetracosane (C24)

R.T.: 15.135 min
Delta R.T.: -0.015 min
Response: 2949142
Conc: 20.87 ug/ml



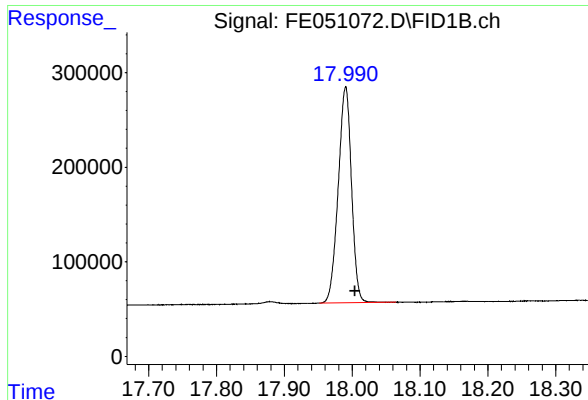
#15 n-Hexacosane (C26)

R.T.: 16.155 min
Delta R.T.: -0.015 min
Response: 2958504
Conc: 21.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.104 min
Delta R.T.: -0.013 min
Response: 2975939
Conc: 20.34 ug/ml



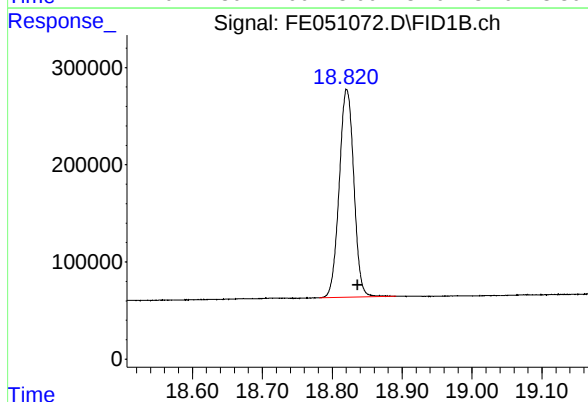
#17 n-Tricontane (C30)

R.T.: 17.990 min
Delta R.T.: -0.014 min
Response: 3105603
Conc: 19.53 ug/ml

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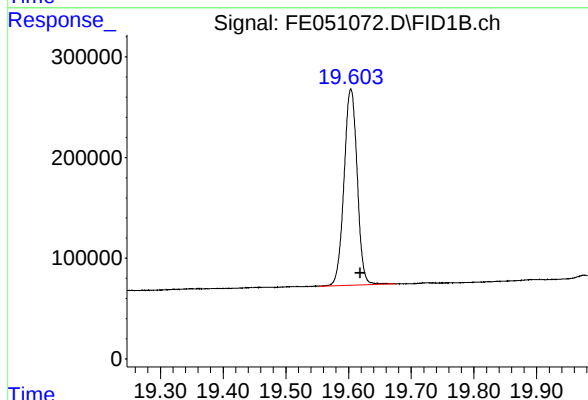
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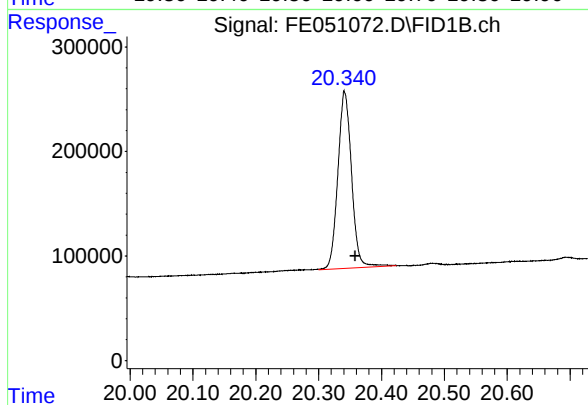
#18 n-Dotriacontane (C32)

R.T.: 18.821 min
Delta R.T.: -0.016 min
Response: 3114486
Conc: 19.21 ug/ml



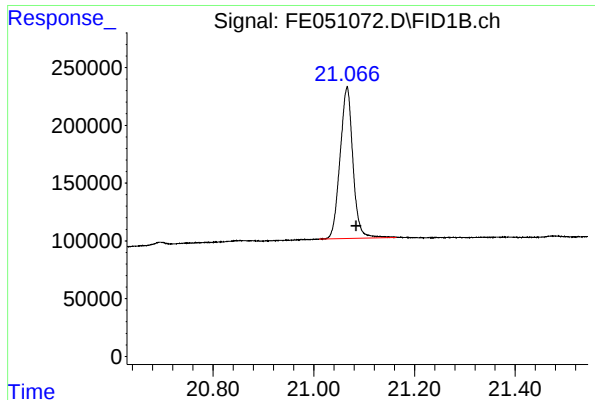
#19 n-Tetatriacontane (C34)

R.T.: 19.603 min
Delta R.T.: -0.015 min
Response: 2840365
Conc: 19.34 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.340 min
Delta R.T.: -0.018 min
Response: 2560688
Conc: 20.19 ug/ml m



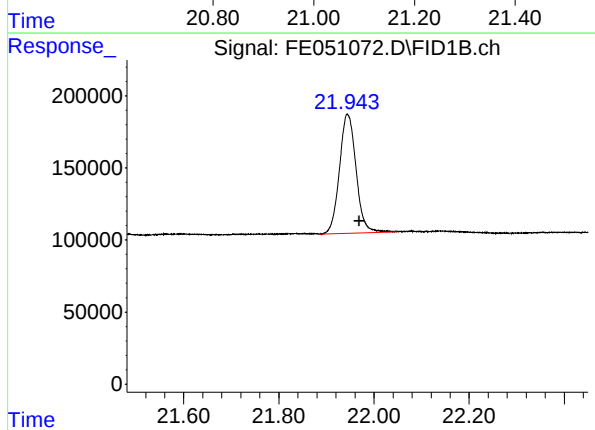
#21 n-Octatriacontane (C38)

R.T.: 21.066 min
Delta R.T.: -0.018 min
Response: 2320533
Conc: 18.77 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.943 min
Delta R.T.: -0.026 min
Response: 2009370
Conc: 18.05 ug/ml m