

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062325AL\
 Data File : FE054535.D
 Signal(s) : FID1B.ch
 Acq On : 23 Jun 2025 11:12
 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

Integration File: autoint1.e
 Quant Time: Jun 24 03:06:11 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

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 ahmed

Compound	R.T.	Response	Conc Units
-----06/25/2025			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.826	3054075	18.483 ug/ml
Spiked Amount 50.000		Recovery =	36.97%
12) S 1-chlorooctadecane (S...	13.272	2203523	18.069 ug/ml
Spiked Amount 50.000		Recovery =	36.14%
Target Compounds			
1) T n-Nonane (C9)	3.172	2246359	18.090 ug/ml
2) T n-Decane (C10)	4.435	2315234	18.633 ug/ml
3) T A~Naphthalene (C11.7)	6.151	2462920	18.225 ug/ml
4) T n-Dodecane (C12)	6.618	2369307	18.607 ug/ml
5) T A~2-methylnaphthalene...	7.254	2458345	18.560 ug/ml
6) T n-Tetradecane (C14)	8.453	2377448	18.364 ug/ml
7) T n-Hexadecane (C16)	10.066	2441879	18.382 ug/ml
8) T n-Octadecane (C18)	11.513	2510278	18.590 ug/ml
10) T n-Eicosane (C20)	12.826	2475547	18.505 ug/ml
11) T n-Heneicosane (C21)	13.439	2469110	18.569 ug/ml
13) T n-Docosane (C22)	14.027	2455088	18.724 ug/ml
14) T n-Tetracosane (C24)	15.133	2463667	19.099 ug/ml
15) T n-Hexacosane (C26)	16.156	2378696	18.949 ug/ml
16) T n-Octacosane (C28)	17.109	2415642	19.698 ug/ml
17) T n-Tricontane (C30)	17.999	2646451	21.352 ug/ml
18) T n-Dotriacontane (C32)	18.833	2630598	20.937 ug/ml
19) T n-Tetratriacontane (C34)	19.619	2401293	19.302 ug/ml
20) T n-Hexatriacontane (C36)	20.360	2273887	17.664 ug/ml
21) T n-Octatriacontane (C38)	21.089	2157622	16.340 ug/ml
22) T n-Tetracontane (C40)	21.977	2382026	17.683 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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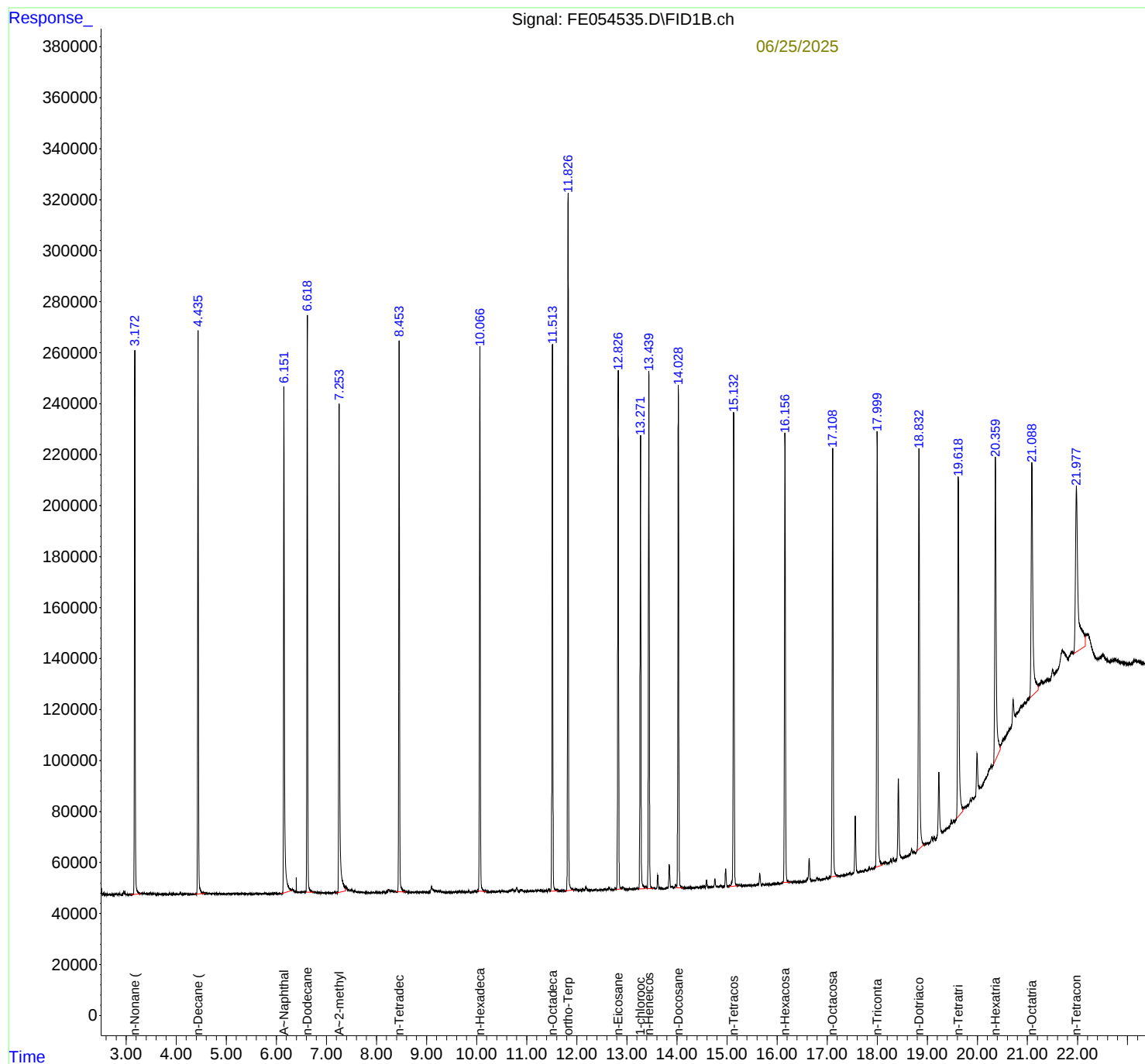
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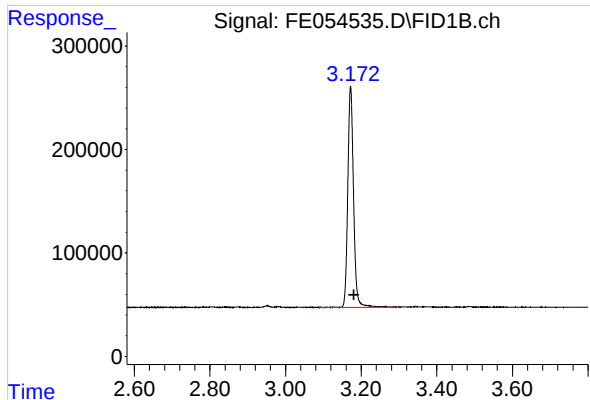
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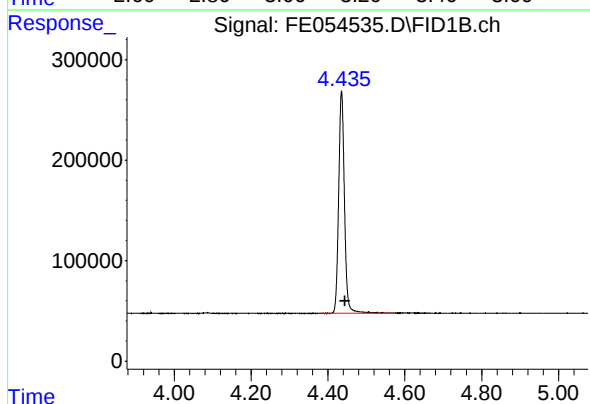
#1 n-Nonane (C9)

R.T.: 3.172 min
Delta R.T.: -0.009 min
Response: 2246359
Conc: 18.09 ug/ml

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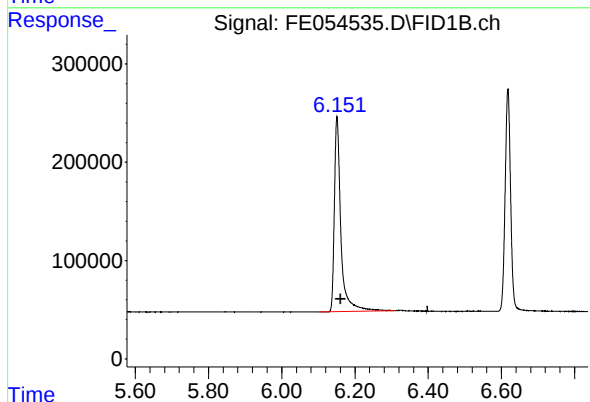


#2 n-Decane (C10)

R.T.: 4.435 min
Delta R.T.: -0.009 min
Response: 2315234
Conc: 18.63 ug/ml

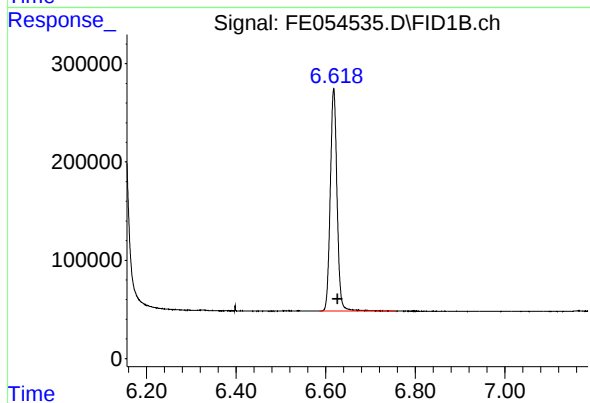
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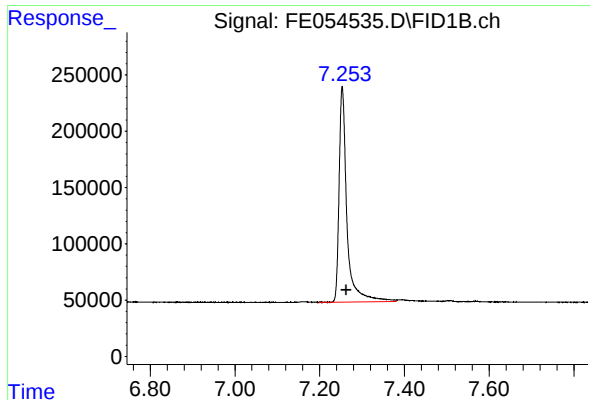
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 2462920
Conc: 18.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.618 min
Delta R.T.: -0.009 min
Response: 2369307
Conc: 18.61 ug/ml



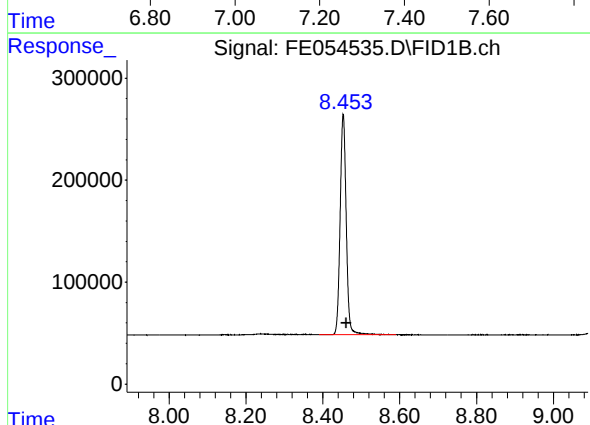
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.254 min
Delta R.T.: -0.009 min
Response: 2458345
Conc: 18.56 ug/ml

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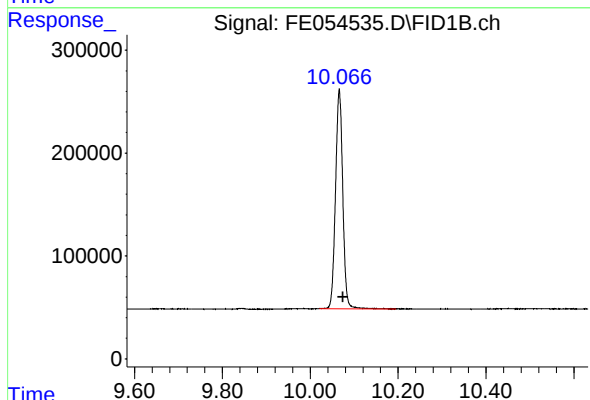


#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 2377448
Conc: 18.36 ug/ml

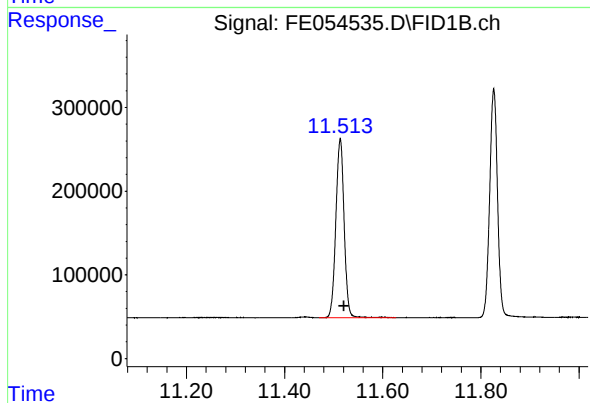
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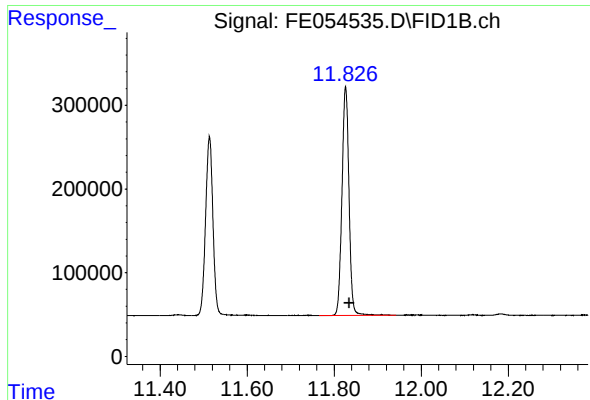
#7 n-Hexadecane (C16)

R.T.: 10.066 min
Delta R.T.: -0.008 min
Response: 2441879
Conc: 18.38 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.513 min
Delta R.T.: -0.008 min
Response: 2510278
Conc: 18.59 ug/ml



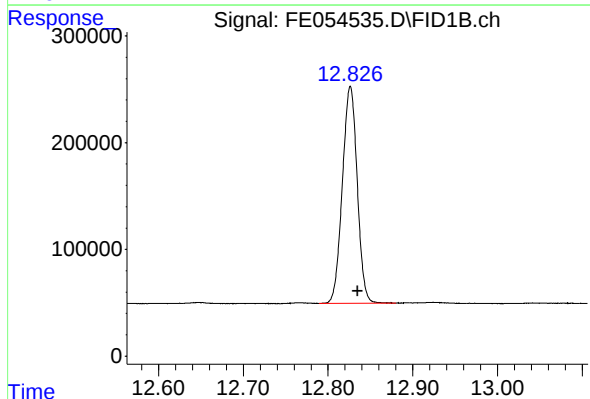
#9 ortho-Terphenyl (SURR)

R.T.: 11.826 min
Delta R.T.: -0.009 min
Response: 3054075
Conc: 18.48 ug/ml

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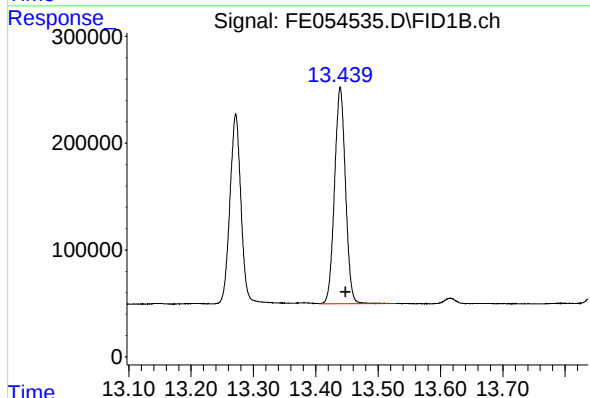


#10 n-Eicosane (C20)

R.T.: 12.826 min
Delta R.T.: -0.008 min
Response: 2475547
Conc: 18.51 ug/ml

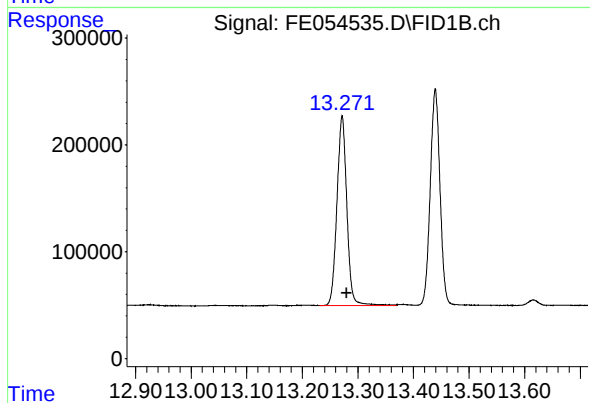
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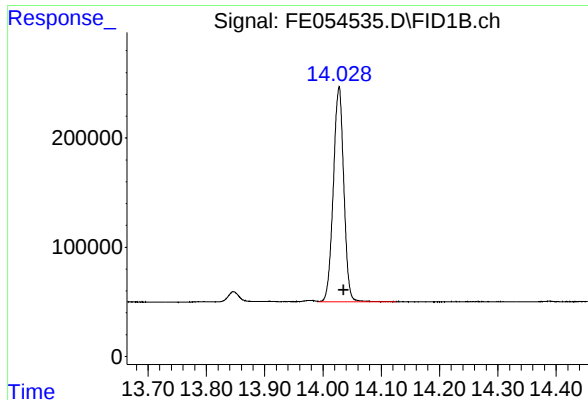
#11 n-Heneicosane (C21)

R.T.: 13.439 min
Delta R.T.: -0.008 min
Response: 2469110
Conc: 18.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.272 min
Delta R.T.: -0.008 min
Response: 2203523
Conc: 18.07 ug/ml



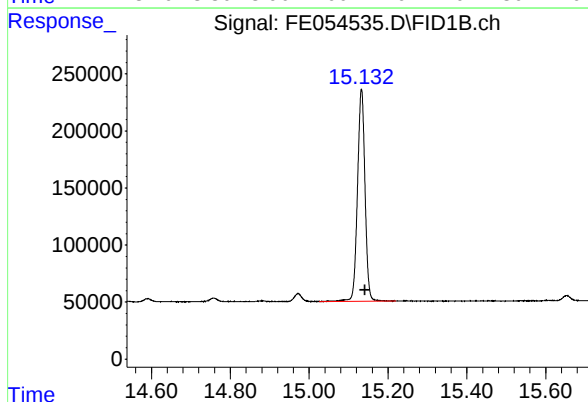
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.008 min
Response: 2455088
Conc: 18.72 ug/ml

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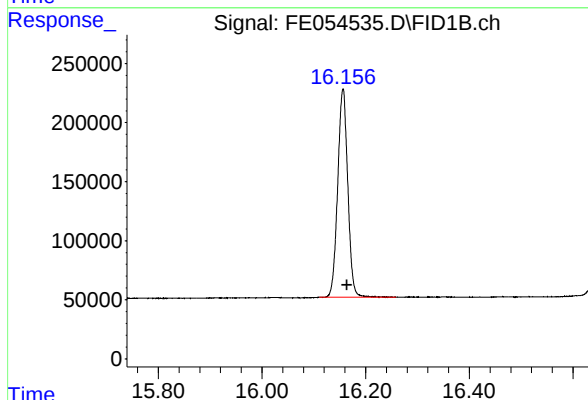


#14 n-Tetracosane (C24)

R.T.: 15.133 min
Delta R.T.: -0.009 min
Response: 2463667
Conc: 19.10 ug/ml

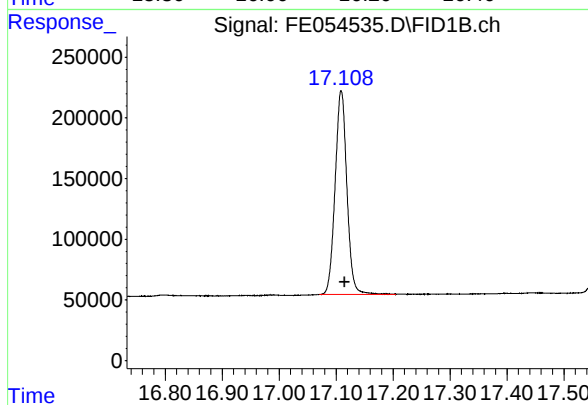
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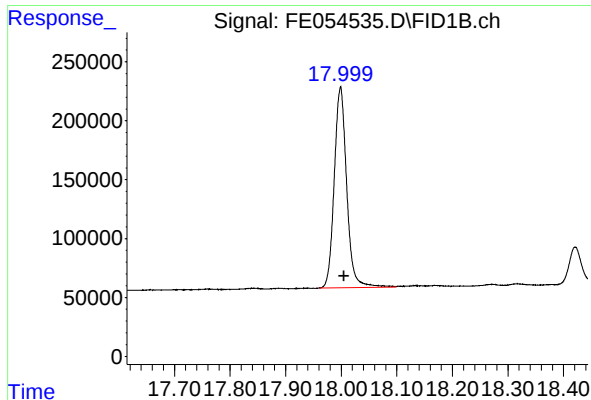
#15 n-Hexacosane (C26)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 2378696
Conc: 18.95 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.109 min
Delta R.T.: -0.006 min
Response: 2415642
Conc: 19.70 ug/ml



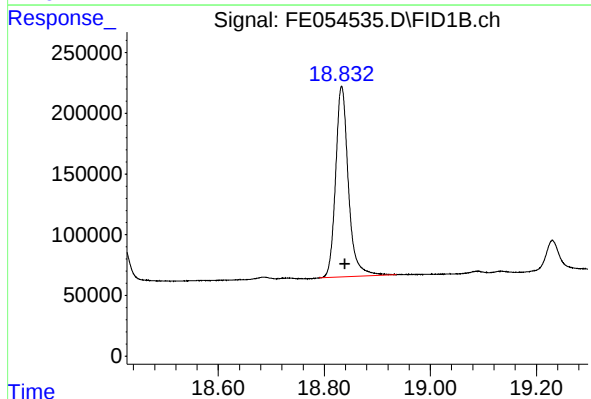
#17 n-Tricontane (C30)

R.T.: 17.999 min
Delta R.T.: -0.007 min
Response: 2646451
Conc: 21.35 ug/ml

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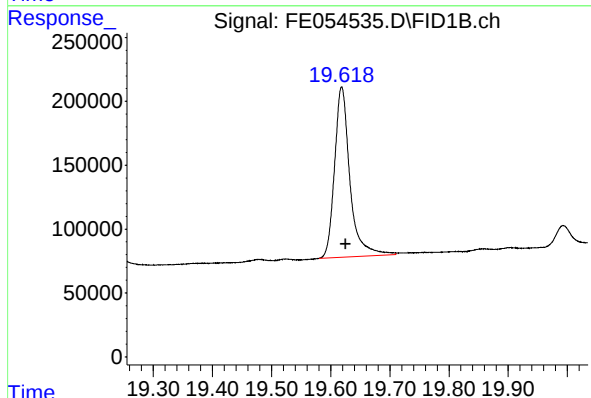


#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.006 min
Response: 2630598
Conc: 20.94 ug/ml

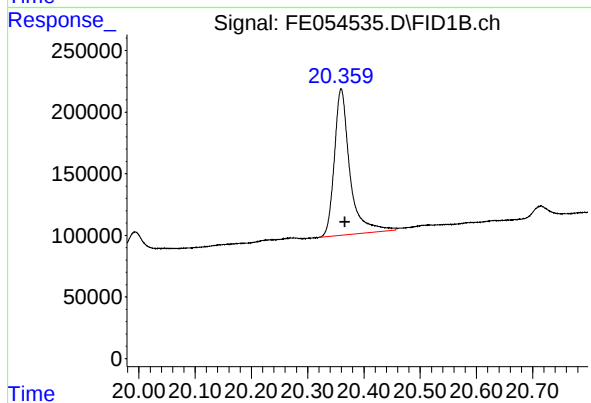
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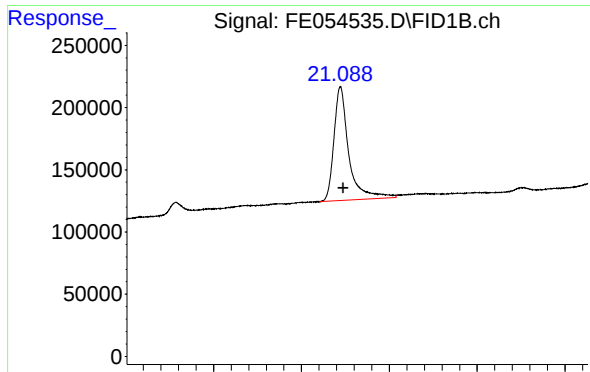
#19 n-Tetratriacontane (C34)

R.T.: 19.619 min
Delta R.T.: -0.007 min
Response: 2401293
Conc: 19.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.360 min
Delta R.T.: -0.007 min
Response: 2273887
Conc: 17.66 ug/ml



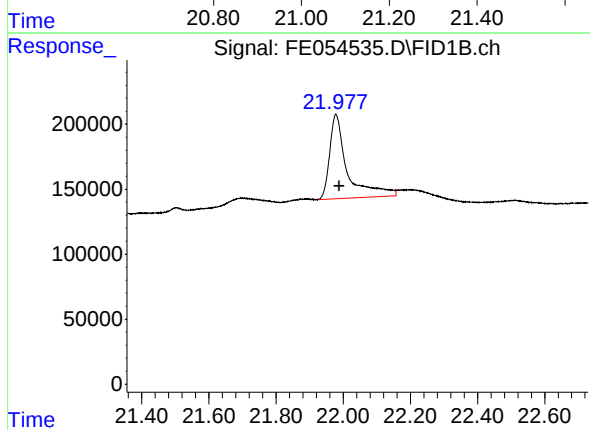
#21 n-Octatriacontane (C38)

R.T.: 21.089 min
Delta R.T.: -0.007 min
Response: 2157622
Conc: 16.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.012 min
Response: 2382026
Conc: 17.68 ug/ml m

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