

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049853.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 17:49
 Operator : YP\AJ
 Sample : P3793-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 RT2864MSD

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Aug 31 04:15:02 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	4421129	27.340 ug/ml
Spiked Amount 50.000		Recovery =	54.68%
12) S 1-chlorooctadecane (S...	13.313	3585848	29.391 ug/ml
Spiked Amount 50.000		Recovery =	58.78%
Target Compounds			
1) T n-Nonane (C9)	3.272	4844239	31.303 ug/ml
2) T n-Decane (C10)	4.523	5419891	34.327 ug/ml
3) T A~Naphthalene (C11.7)	6.227	5852971	36.478 ug/ml
4) T n-Dodecane (C12)	6.688	6096827	38.782 ug/ml
5) T A~2-methylnaphthalene...	7.323	5923161	39.553 ug/ml
6) T n-Tetradecane (C14)	8.517	6428598	41.641 ug/ml
7) T n-Hexadecane (C16)	10.121	6546975	41.919 ug/ml
8) T n-Octadecane (C18)	11.563	6689836	42.596 ug/ml
10) T n-Eicosane (C20)	12.871	6703775	44.899 ug/ml
11) T n-Heneicosane (C21)	13.481	6597614	44.974 ug/ml
13) T n-Docosane (C22)	14.066	6543382	44.894 ug/ml
14) T n-Tetracosane (C24)	15.163	12361710	84.980 ug/ml
15) T n-Hexacosane (C26)	16.189	6294073	43.610 ug/ml
16) T n-Octacosane (C28)	17.136	7026638	48.783 ug/ml
17) T n-Tricontane (C30)	18.023	6465858	43.191 ug/ml
18) T n-Dotriacontane (C32)	18.854	6465169	42.736 ug/ml
19) T n-Tetratriacontane (C34)	19.638	6483140	42.407 ug/ml
20) T n-Hexatriacontane (C36)	20.376	6099035	40.164 ug/ml
21) T n-Octatriacontane (C38)	21.102	6006287	38.268 ug/ml
22) T n-Tetracontane (C40)	21.995	5696638	37.311 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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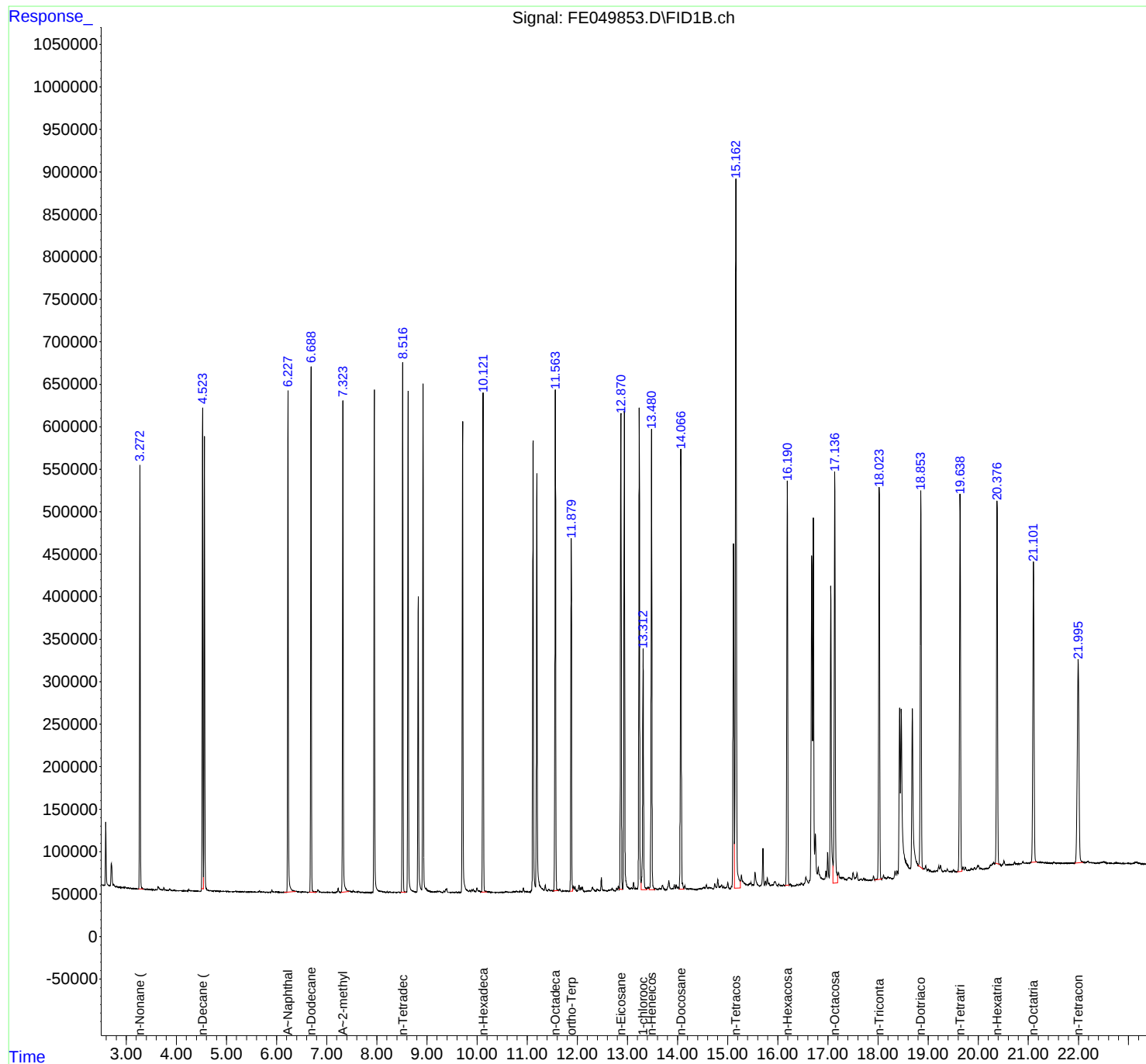
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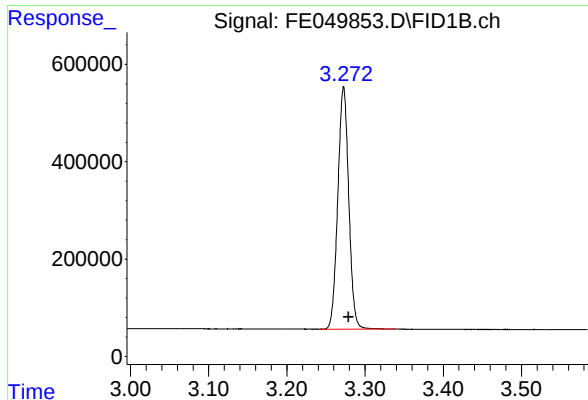
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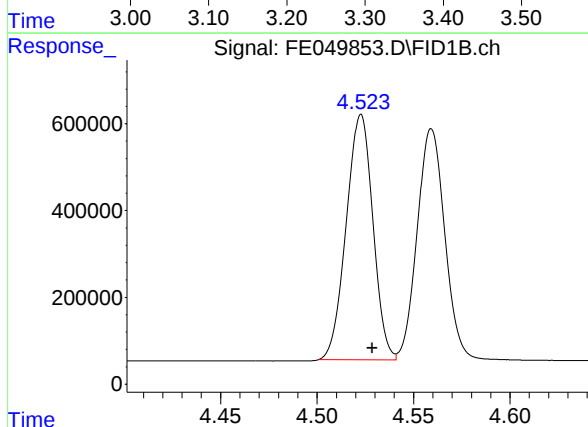
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 4844239
Conc: 31.30 ug/ml

Instrument :
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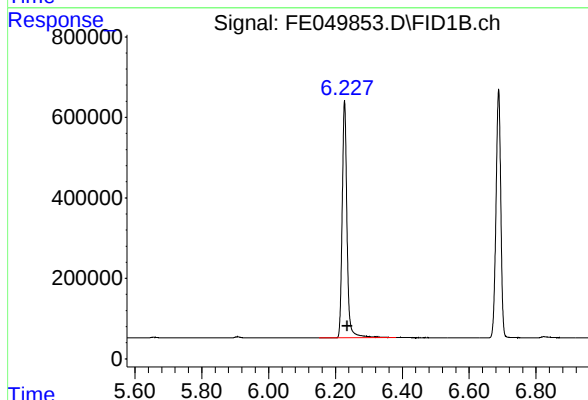
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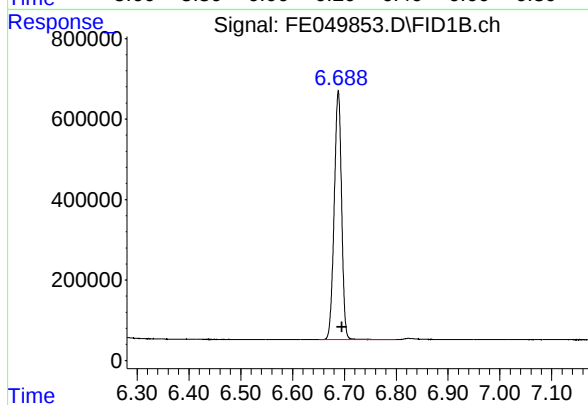
#2 n-Decane (C10)

R.T.: 4.523 min
Delta R.T.: -0.006 min
Response: 5419891
Conc: 34.33 ug/ml



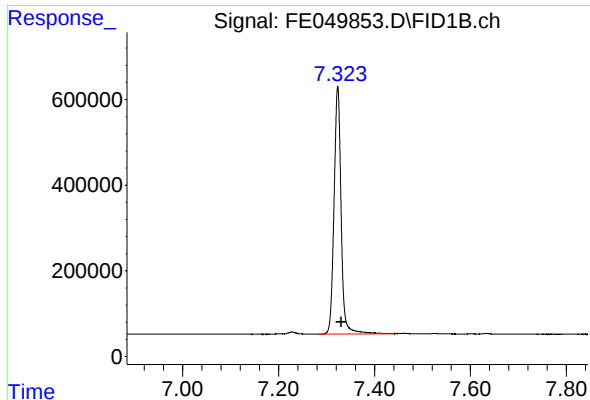
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 5852971
Conc: 36.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 6096827
Conc: 38.78 ug/ml



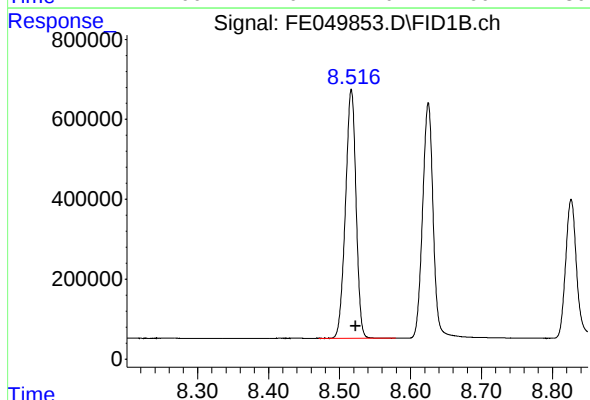
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.007 min
Response: 5923161
Conc: 39.55 ug/ml

Instrument :
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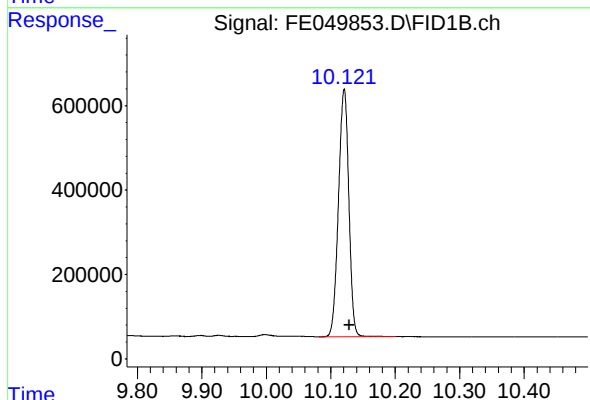
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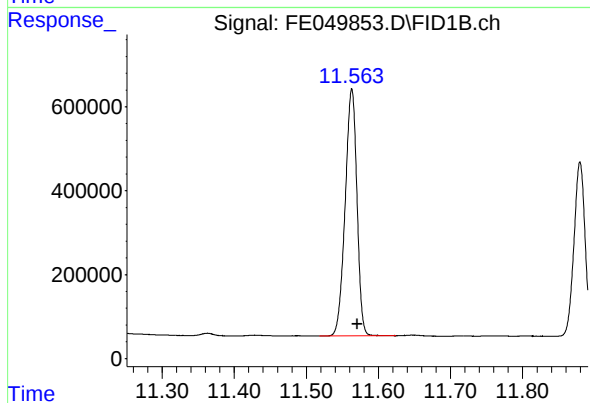
#6 n-Tetradecane (C14)

R.T.: 8.517 min
Delta R.T.: -0.006 min
Response: 6428598
Conc: 41.64 ug/ml



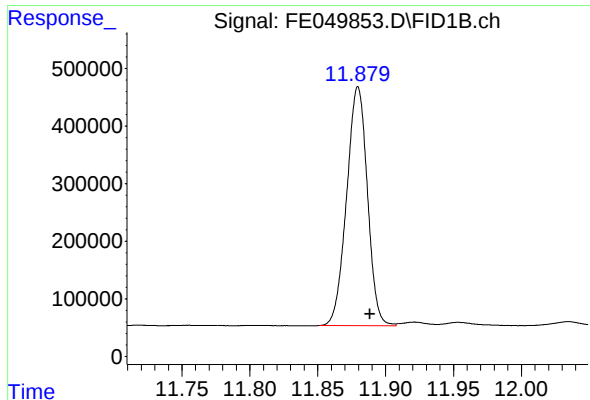
#7 n-Hexadecane (C16)

R.T.: 10.121 min
Delta R.T.: -0.008 min
Response: 6546975
Conc: 41.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.008 min
Response: 6689836
Conc: 42.60 ug/ml



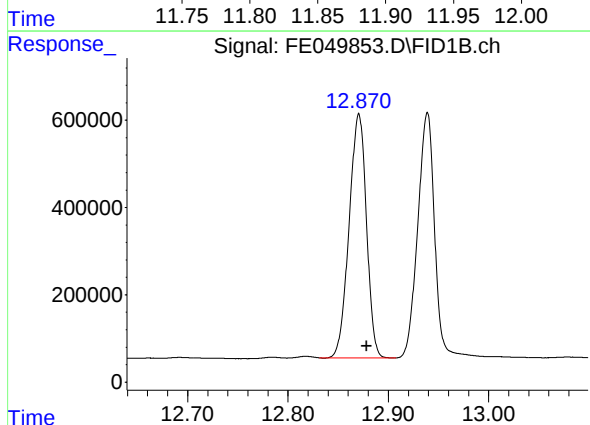
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: -0.009 min
Response: 4421129
Conc: 27.34 ug/ml

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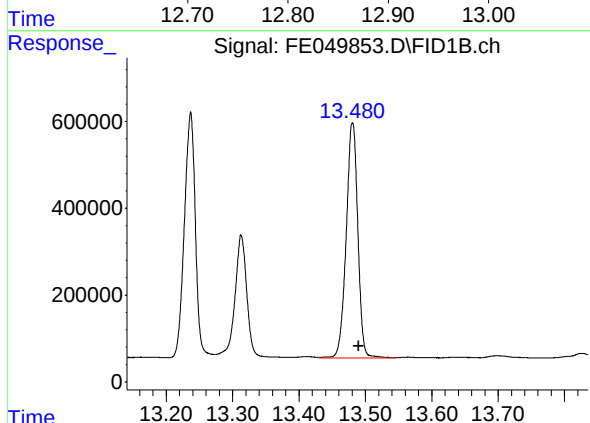
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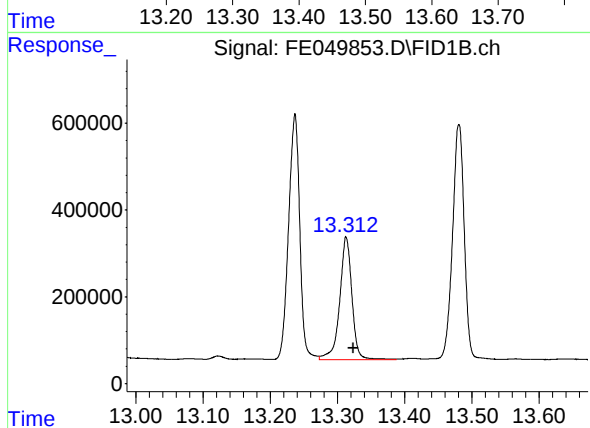
#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.008 min
Response: 6703775
Conc: 44.90 ug/ml



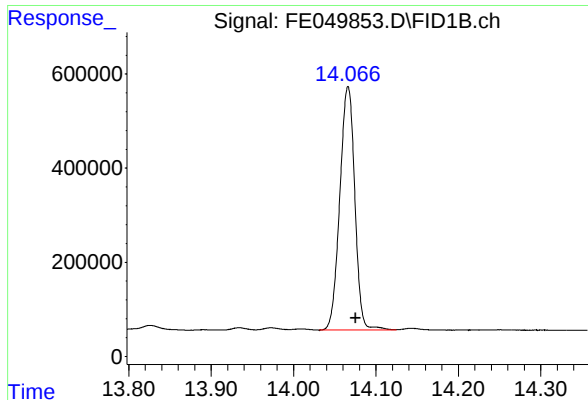
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 6597614
Conc: 44.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 3585848
Conc: 29.39 ug/ml



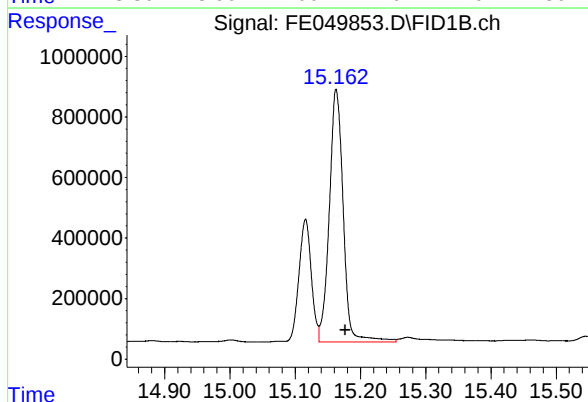
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.009 min
Response: 6543382
Conc: 44.89 ug/ml

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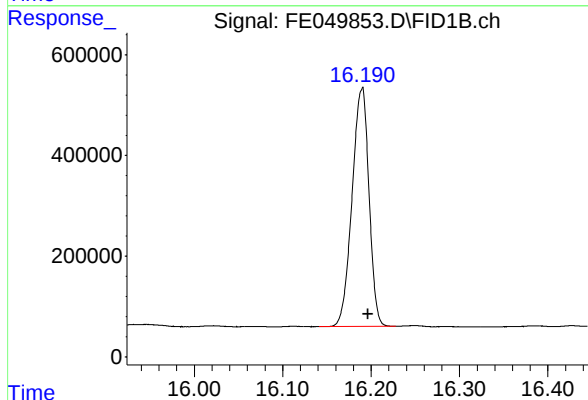
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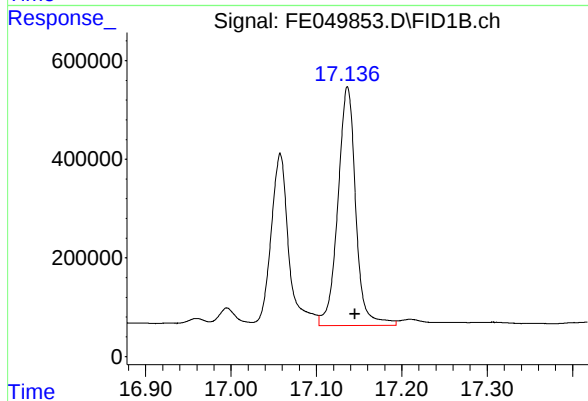
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.014 min
Response: 12361710
Conc: 84.98 ug/ml



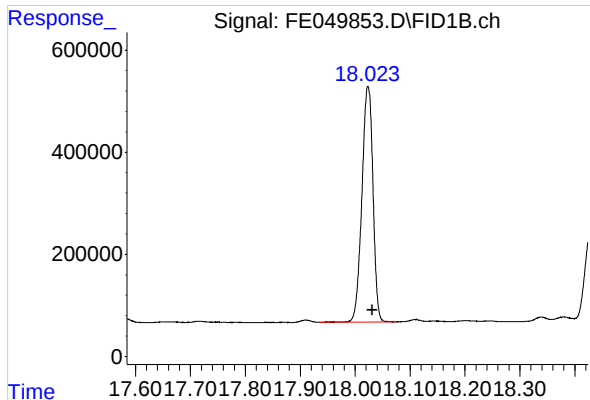
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 6294073
Conc: 43.61 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.008 min
Response: 7026638
Conc: 48.78 ug/ml



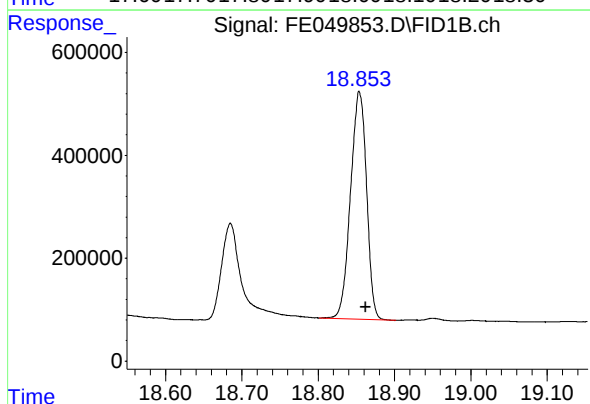
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 6465858
Conc: 43.19 ug/ml

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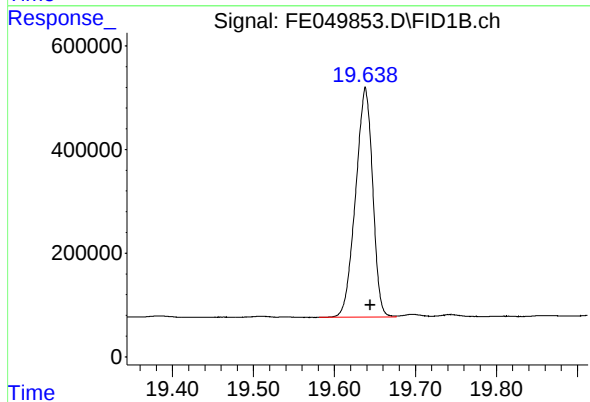
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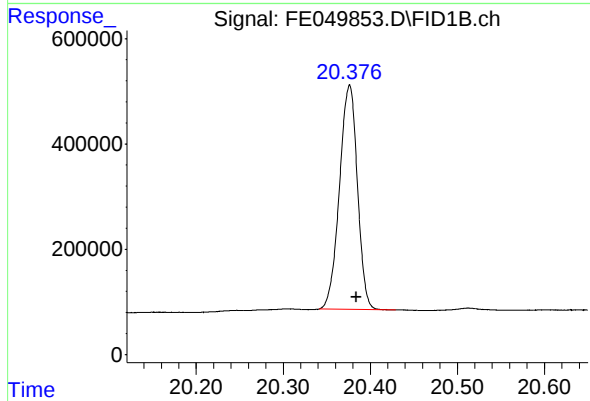
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.008 min
Response: 6465169
Conc: 42.74 ug/ml



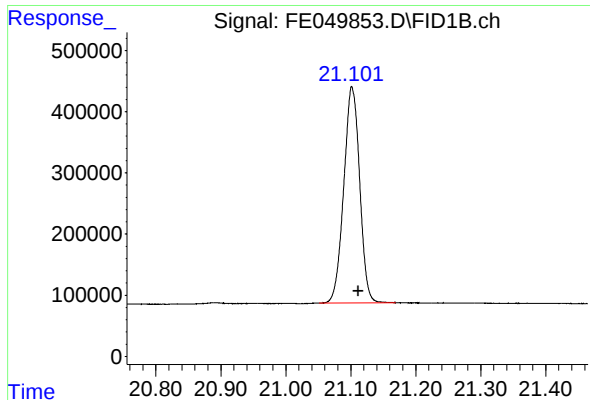
#19 n-Tetratriacontane (C34)

R.T.: 19.638 min
Delta R.T.: -0.006 min
Response: 6483140
Conc: 42.41 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 6099035
Conc: 40.16 ug/ml



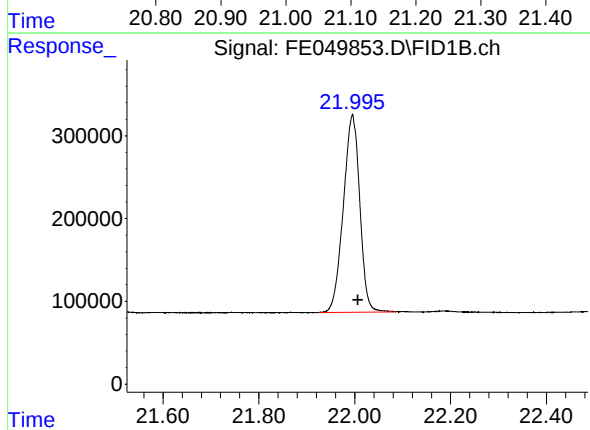
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.010 min
Response: 6006287
Conc: 38.27 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.995 min
Delta R.T.: -0.012 min
Response: 5696638
Conc: 37.31 ug/ml m