

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083124AL\
 Data File : FE049852.D
 Signal(s) : FID1B.ch
 Acq On : 30 Aug 2024 17:18
 Operator : YP\AJ
 Sample : P3793-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RT2864MS

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 04:14:53 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	4446542	27.497 ug/ml
Spiked Amount 50.000		Recovery =	54.99%
12) S 1-chlorooctadecane (S...	13.313	3599174	29.500 ug/ml
Spiked Amount 50.000		Recovery =	59.00%
Target Compounds			
1) T n-Nonane (C9)	3.272	4856229	31.380 ug/ml
2) T n-Decane (C10)	4.521	5495357	34.805 ug/mlm
3) T A~Naphthalene (C11.7)	6.227	5874500	36.612 ug/ml
4) T n-Dodecane (C12)	6.687	6110765	38.870 ug/ml
5) T A~2-methylnaphthalene...	7.323	5937138	39.646 ug/ml
6) T n-Tetradecane (C14)	8.516	6448770	41.772 ug/ml
7) T n-Hexadecane (C16)	10.120	6544968	41.906 ug/ml
8) T n-Octadecane (C18)	11.562	6728561	42.843 ug/ml
10) T n-Eicosane (C20)	12.870	6746030	45.182 ug/ml
11) T n-Heneicosane (C21)	13.481	6633827	45.221 ug/ml
13) T n-Docosane (C22)	14.066	6586758	45.192 ug/ml
14) T n-Tetracosane (C24)	15.163	12377690	85.090 ug/ml
15) T n-Hexacosane (C26)	16.188	6331907	43.873 ug/ml
16) T n-Octacosane (C28)	17.136	7100717	49.297 ug/ml
17) T n-Tricontane (C30)	18.024	6547303	43.735 ug/ml
18) T n-Dotriacontane (C32)	18.853	6496023	42.940 ug/ml
19) T n-Tetratriacontane (C34)	19.637	6507262	42.564 ug/ml
20) T n-Hexatriacontane (C36)	20.376	6157790	40.551 ug/ml
21) T n-Octatriacontane (C38)	21.102	6040786	38.488 ug/ml
22) T n-Tetracontane (C40)	21.992	5730053	37.530 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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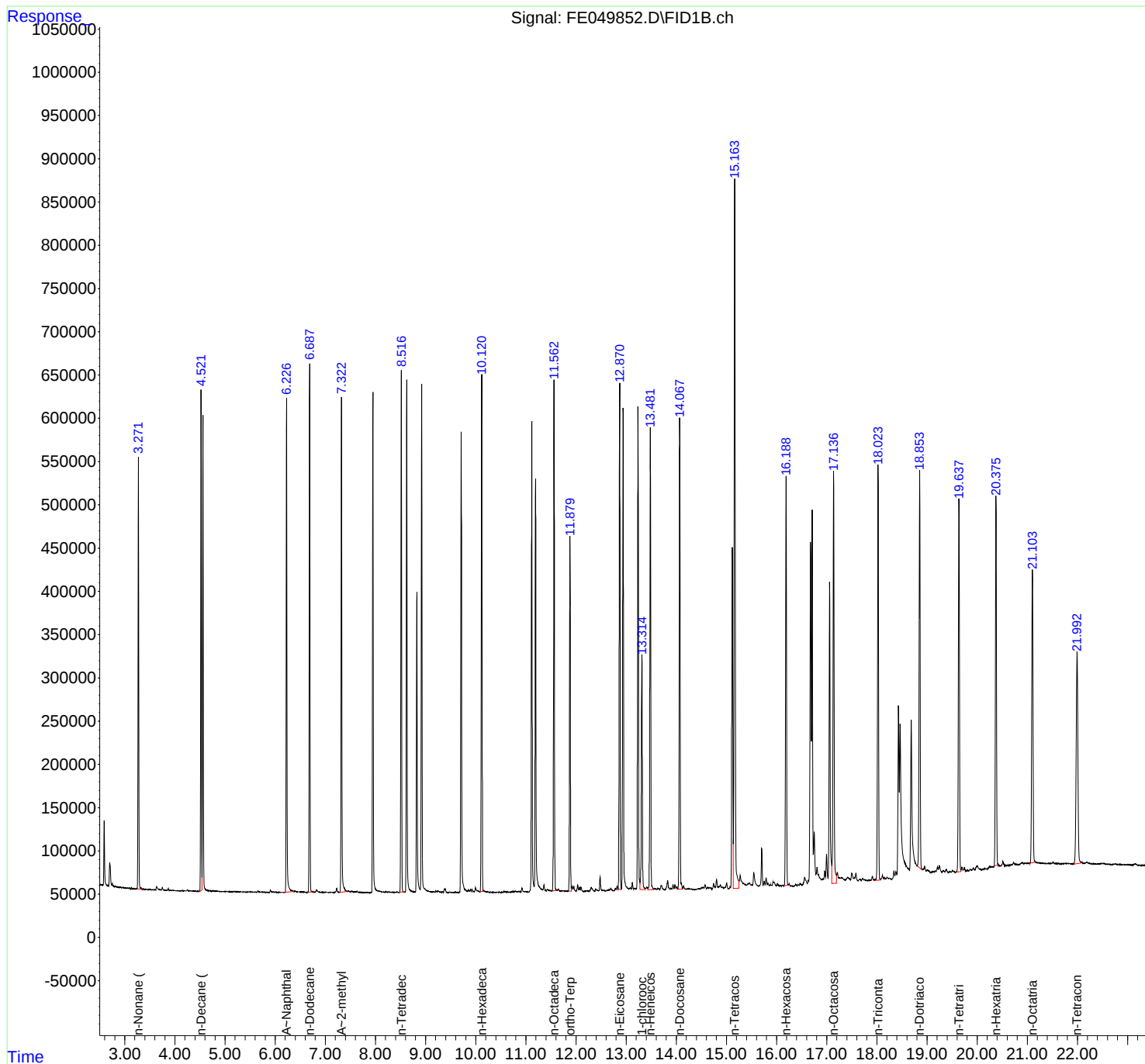
Instrument :
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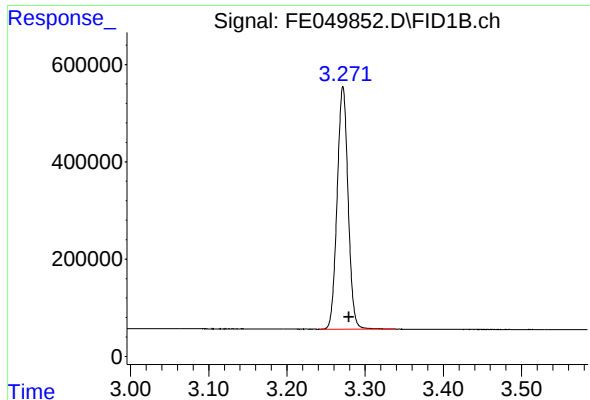
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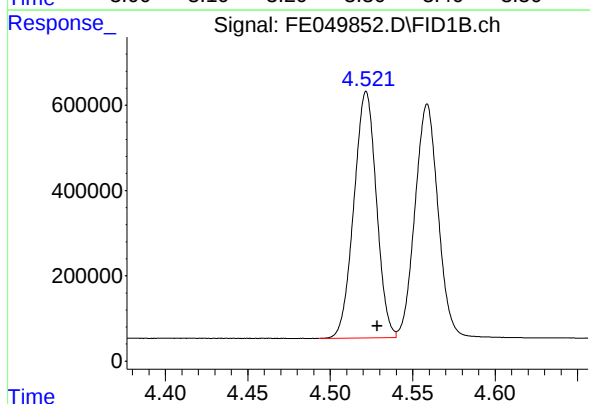
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: -0.007 min
Response: 4856229
Conc: 31.38 ug/ml

Instrument :
FID_E
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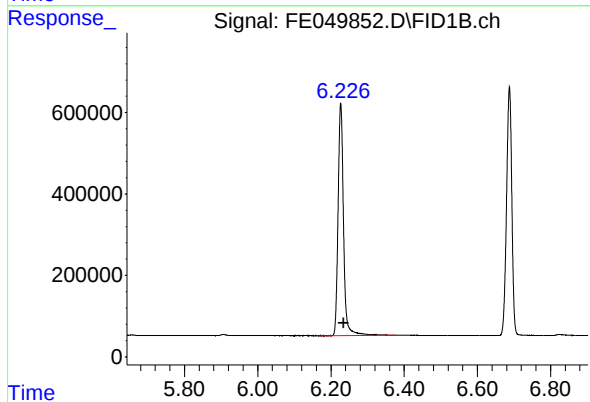
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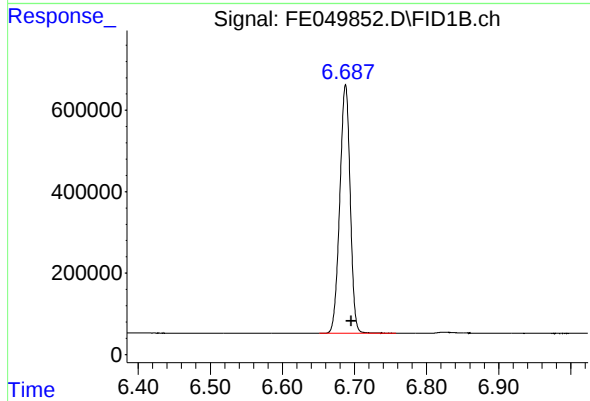
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.007 min
Response: 5495357
Conc: 34.80 ug/ml m



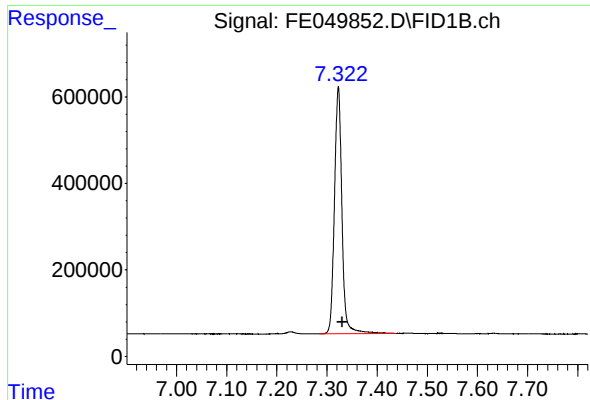
#3 A~Naphthalene (C11.7)

R.T.: 6.227 min
Delta R.T.: -0.008 min
Response: 5874500
Conc: 36.61 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: -0.008 min
Response: 6110765
Conc: 38.87 ug/ml



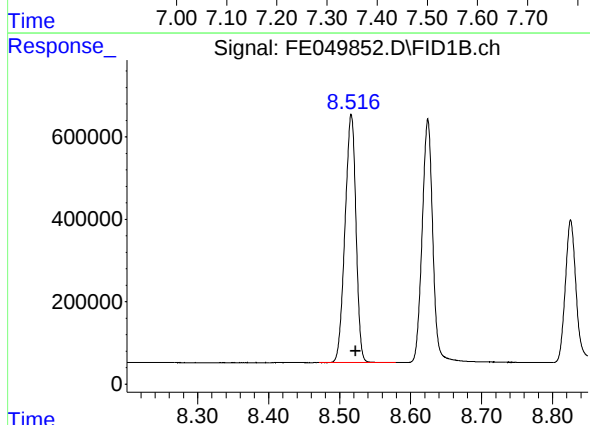
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.323 min
Delta R.T.: -0.008 min
Response: 5937138
Conc: 39.65 ug/ml

Instrument :
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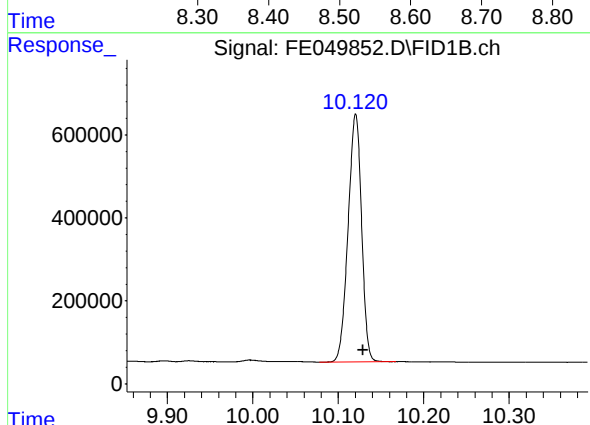
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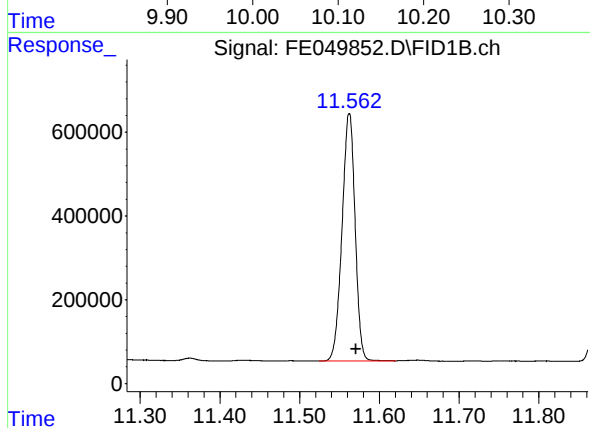
#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 6448770
Conc: 41.77 ug/ml



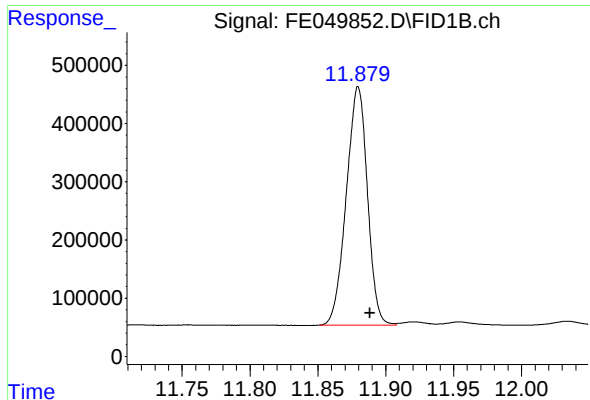
#7 n-Hexadecane (C16)

R.T.: 10.120 min
Delta R.T.: -0.009 min
Response: 6544968
Conc: 41.91 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.562 min
Delta R.T.: -0.008 min
Response: 6728561
Conc: 42.84 ug/ml



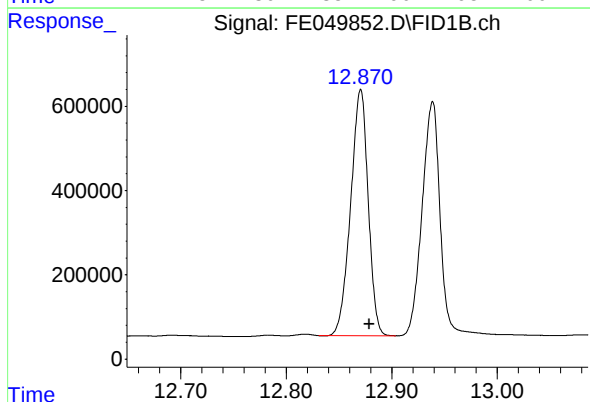
#9 ortho-Terphenyl (SURR)

R.T.: 11.880 min
Delta R.T.: -0.009 min
Response: 4446542
Conc: 27.50 ug/ml

Instrument :
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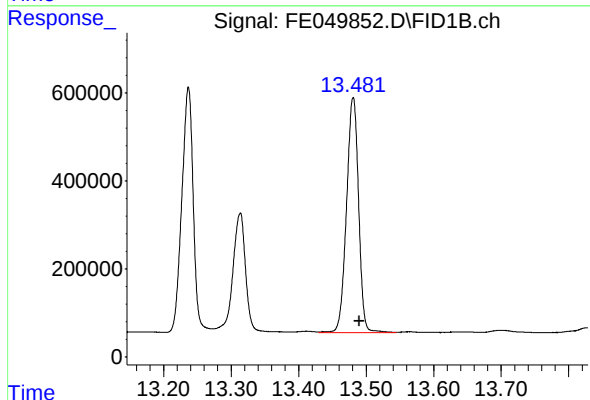
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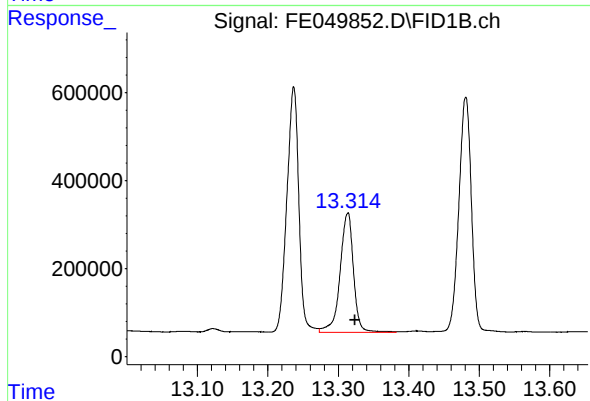
#10 n-Eicosane (C20)

R.T.: 12.870 min
Delta R.T.: -0.008 min
Response: 6746030
Conc: 45.18 ug/ml



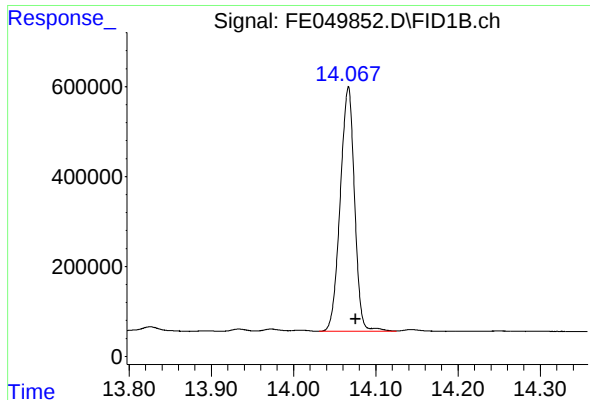
#11 n-Heneicosane (C21)

R.T.: 13.481 min
Delta R.T.: -0.009 min
Response: 6633827
Conc: 45.22 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.010 min
Response: 3599174
Conc: 29.50 ug/ml



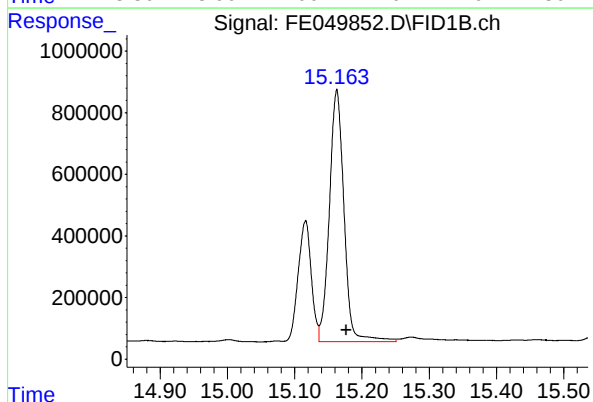
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: -0.009 min
Response: 6586758
Conc: 45.19 ug/ml

Instrument :
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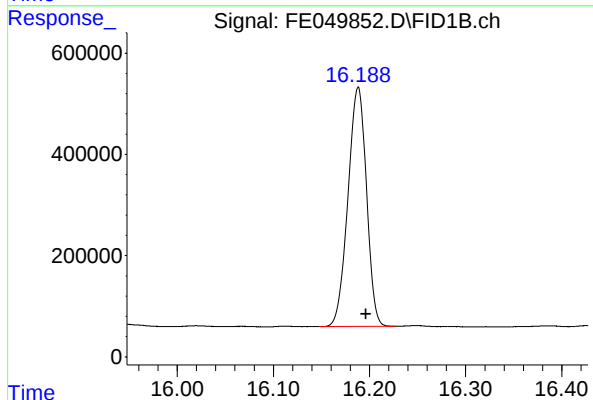
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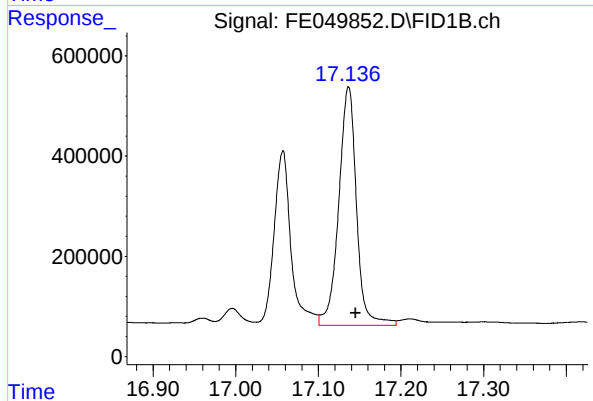
#14 n-Tetracosane (C24)

R.T.: 15.163 min
Delta R.T.: -0.014 min
Response: 12377690
Conc: 85.09 ug/ml



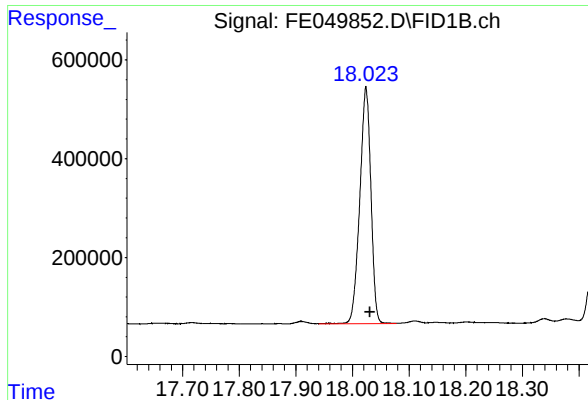
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: -0.008 min
Response: 6331907
Conc: 43.87 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 7100717
Conc: 49.30 ug/ml



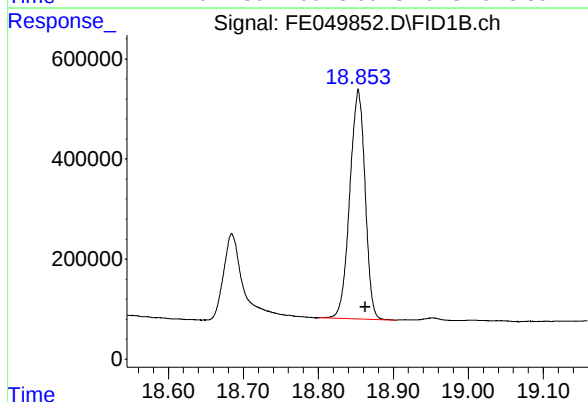
#17 n-Tricontane (C30)

R.T.: 18.024 min
Delta R.T.: -0.007 min
Response: 6547303
Conc: 43.74 ug/ml

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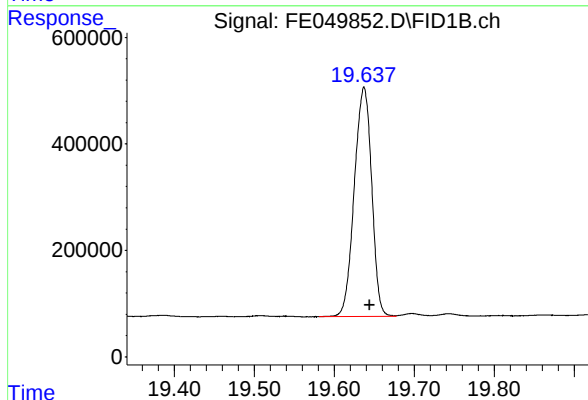
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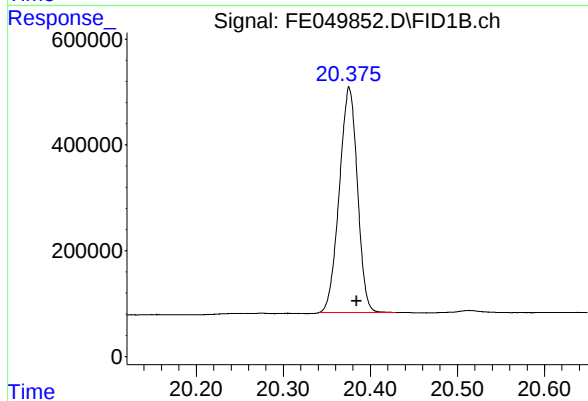
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.009 min
Response: 6496023
Conc: 42.94 ug/ml



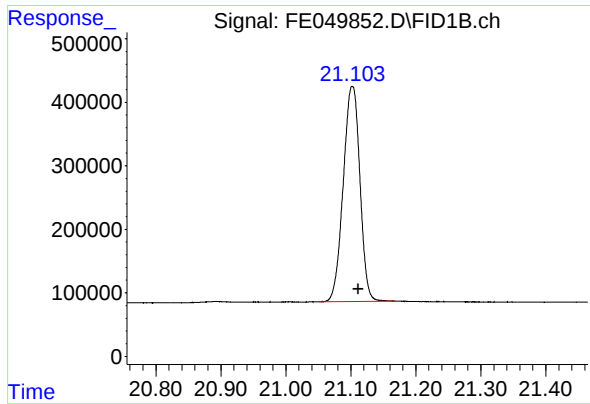
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 6507262
Conc: 42.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.376 min
Delta R.T.: -0.008 min
Response: 6157790
Conc: 40.55 ug/ml



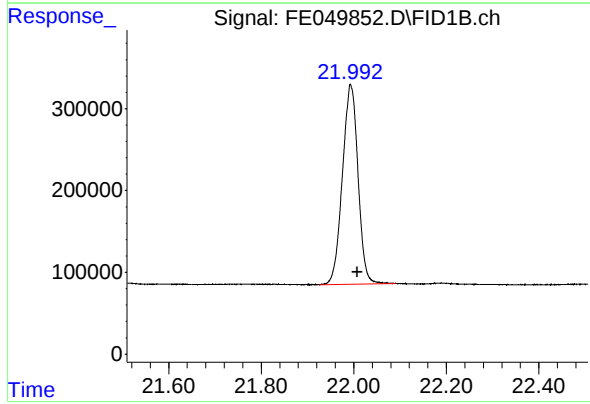
#21 n-Octatriacontane (C38)

R.T.: 21.102 min
Delta R.T.: -0.009 min
Response: 6040786
Conc: 38.49 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.992 min
Delta R.T.: -0.015 min
Response: 5730053
Conc: 37.53 ug/ml m