

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082324AL\
 Data File : FE049733.D
 Signal(s) : FID1B.ch
 Acq On : 23 Aug 2024 17:35
 Operator : YP\AJ
 Sample : P3717-01MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/26/2024

Supervised By :Ankita Jodhani 08/26/2024

Integration File: autoint1.e

Quant Time: Aug 24 01:17:56 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)	11.883	4036583	24.962 ug/ml
Spiked Amount 50.000		Recovery =	49.92%
12) S 1-chlorooctadecane (S...	13.318	3217416	26.371 ug/ml
Spiked Amount 50.000		Recovery =	52.74%
Target Compounds			
1) T n-Nonane (C9)	3.274	3919227	25.326 ug/ml
2) T n-Decane (C10)	4.525	4322568	27.377 ug/ml
3) T A~Naphthalene (C11.7)	6.231	4566679	28.461 ug/ml
4) T n-Dodecane (C12)	6.691	4626127	29.427 ug/ml
5) T A~2-methylnaphthalene...	7.327	4499278	30.044 ug/ml
6) T n-Tetradecane (C14)	8.519	4852623	31.433 ug/ml
7) T n-Hexadecane (C16)	10.124	5088711	32.582 ug/ml
8) T n-Octadecane (C18)	11.566	5335349	33.972 ug/ml
10) T n-Eicosane (C20)	12.874	5397182	36.148 ug/ml
11) T n-Heneicosane (C21)	13.485	5256004	35.829 ug/ml
13) T n-Docosane (C22)	14.070	5182523	35.557 ug/ml
14) T n-Tetracosane (C24)	15.167	9704486	66.713 ug/ml
15) T n-Hexacosane (C26)	16.192	5087484	35.250 ug/ml
16) T n-Octacosane (C28)	17.139	5678135	39.421 ug/ml
17) T n-Tricontane (C30)	18.026	5212474	34.819 ug/ml
18) T n-Dotriacontane (C32)	18.857	5192504	34.323 ug/ml
19) T n-Tetratriacontane (C34)	19.640	5424773	35.484 ug/ml
20) T n-Hexatriacontane (C36)	20.380	5513339	36.307 ug/ml
21) T n-Octatriacontane (C38)	21.108	5751511	36.645 ug/ml
22) T n-Tetracontane (C40)	21.999	5714313	37.427 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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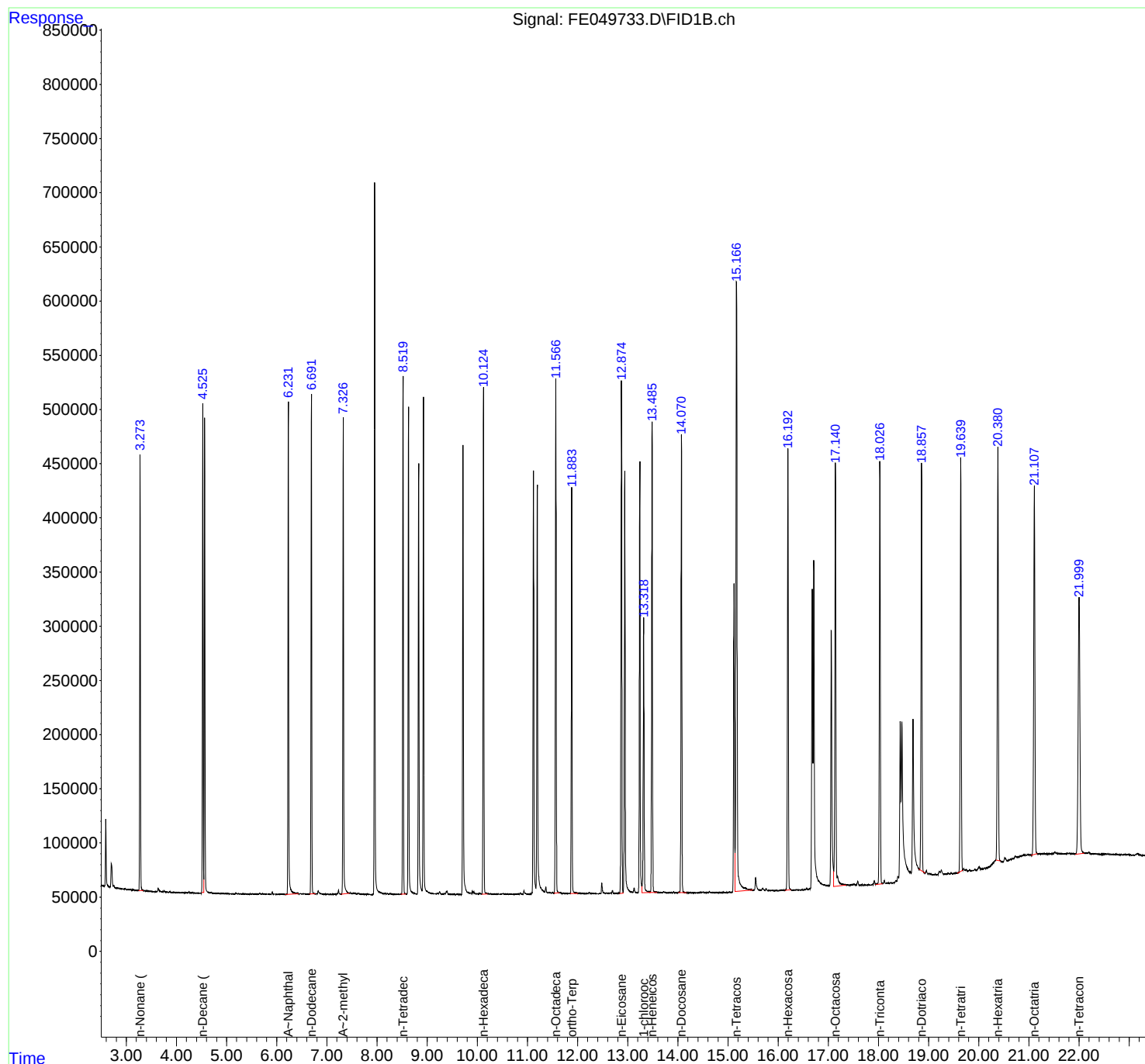
Response via : Initial Calibration

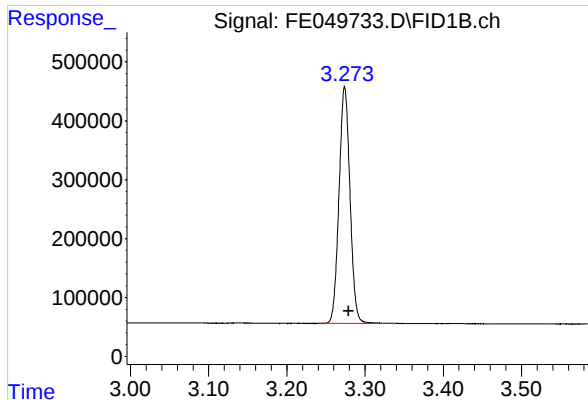
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





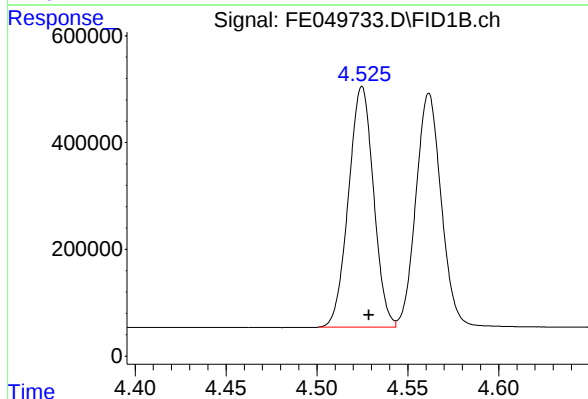
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: -0.005 min
Response: 3919227
Conc: 25.33 ug/ml

Instrument :
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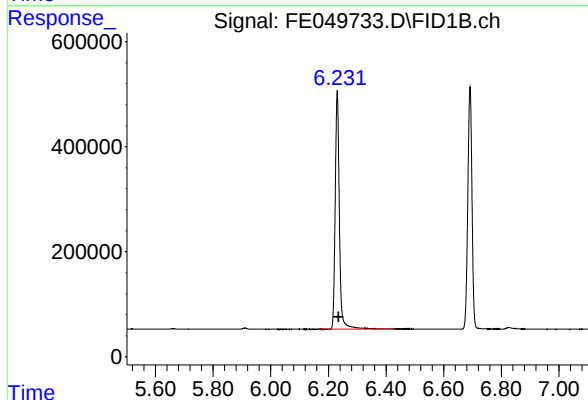
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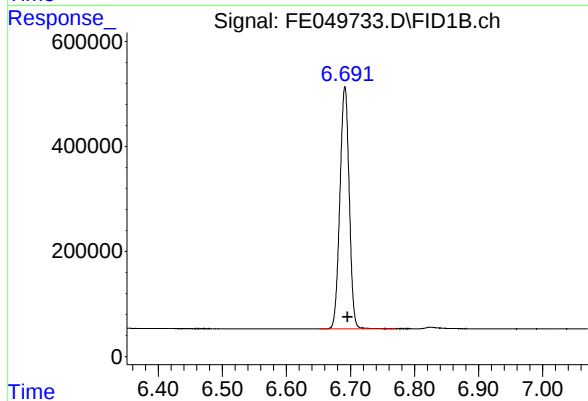
#2 n-Decane (C10)

R.T.: 4.525 min
Delta R.T.: -0.004 min
Response: 4322568
Conc: 27.38 ug/ml



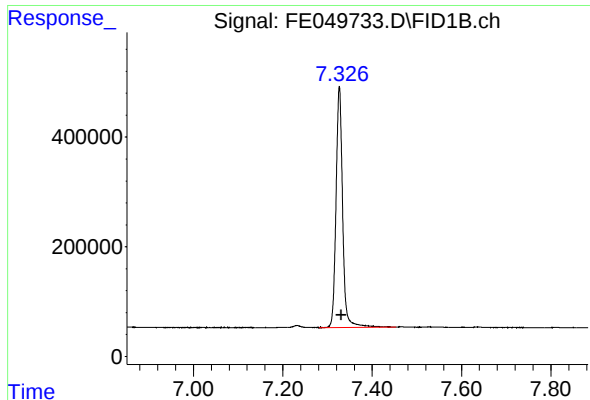
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.004 min
Response: 4566679
Conc: 28.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.691 min
Delta R.T.: -0.004 min
Response: 4626127
Conc: 29.43 ug/ml



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

R.T.: 7.327 min
Delta R.T.: -0.004 min
Response: 4499278
Conc: 30.04 ug/ml

Instrument :

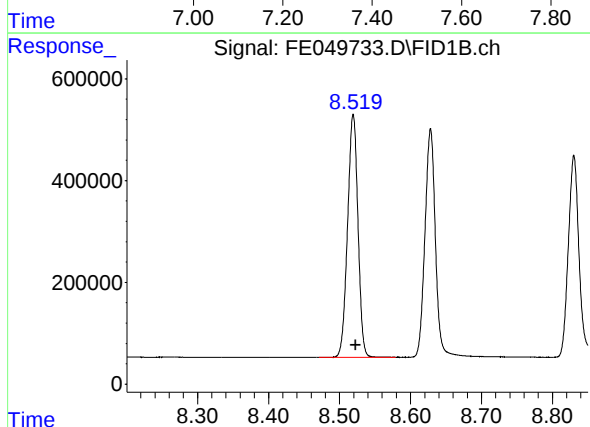
FID_E

ClientSampleId :

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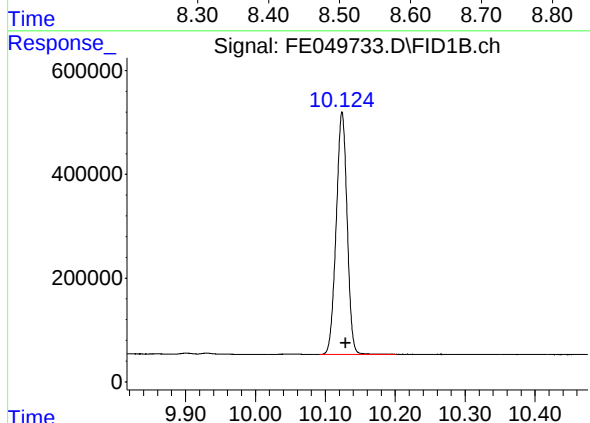
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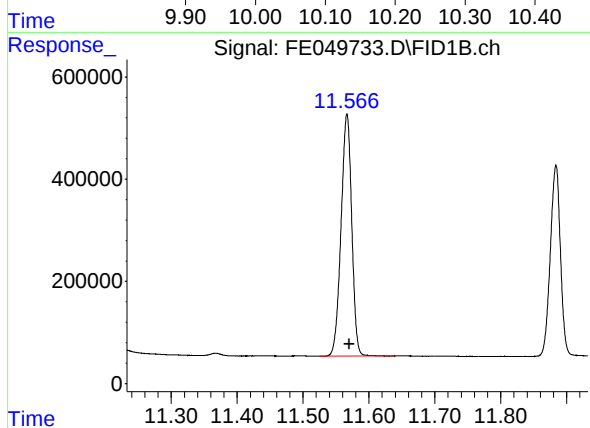
#6 n-Tetradecane (C14)

R.T.: 8.519 min
Delta R.T.: -0.003 min
Response: 4852623
Conc: 31.43 ug/ml



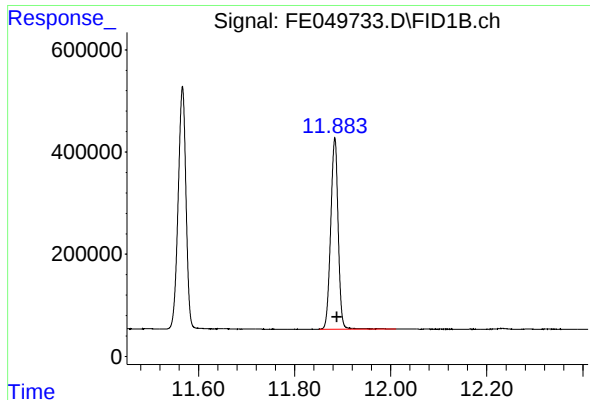
#7 n-Hexadecane (C16)

R.T.: 10.124 min
Delta R.T.: -0.005 min
Response: 5088711
Conc: 32.58 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.566 min
Delta R.T.: -0.004 min
Response: 5335349
Conc: 33.97 ug/ml



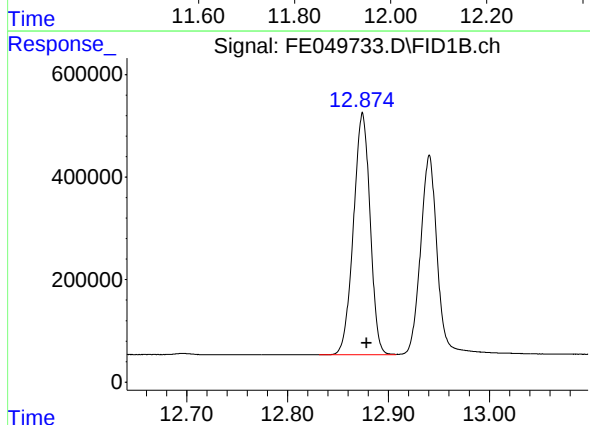
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: -0.005 min
Response: 4036583
Conc: 24.96 ug/ml

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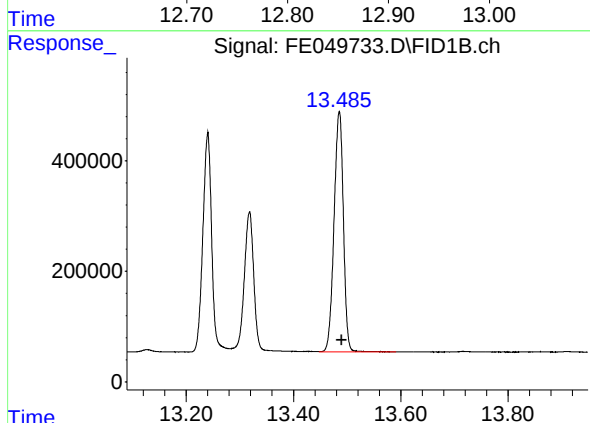
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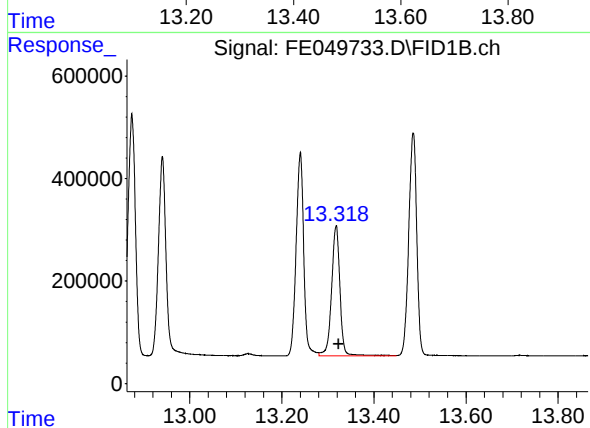
#10 n-Eicosane (C20)

R.T.: 12.874 min
Delta R.T.: -0.004 min
Response: 5397182
Conc: 36.15 ug/ml



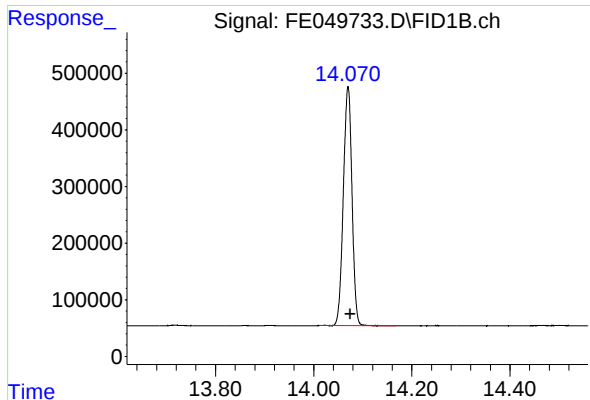
#11 n-Heneicosane (C21)

R.T.: 13.485 min
Delta R.T.: -0.005 min
Response: 5256004
Conc: 35.83 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.318 min
Delta R.T.: -0.006 min
Response: 3217416
Conc: 26.37 ug/ml



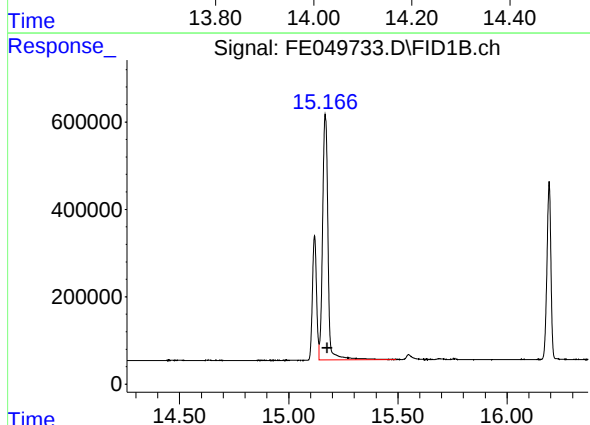
#13 n-Docosane (C22)

R.T.: 14.070 min
Delta R.T.: -0.005 min
Response: 5182523
Conc: 35.56 ug/ml

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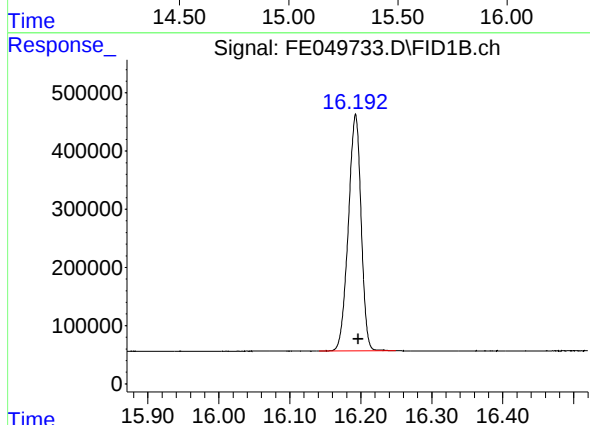
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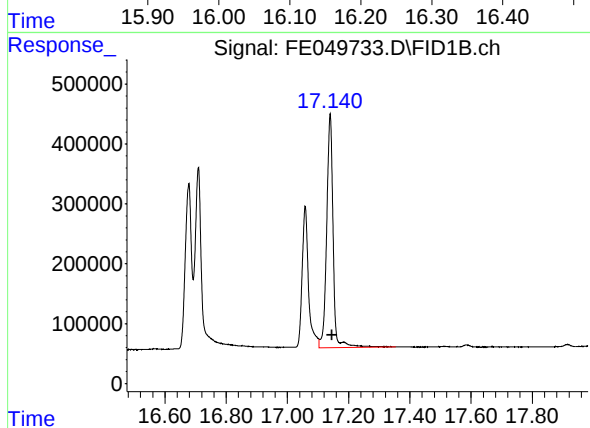
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: -0.009 min
Response: 9704486
Conc: 66.71 ug/ml



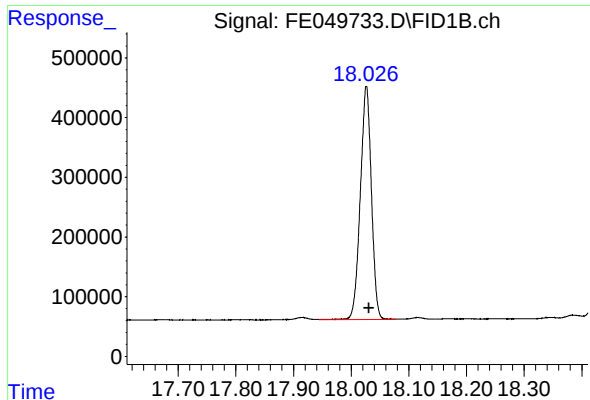
#15 n-Hexacosane (C26)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 5087484
Conc: 35.25 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 5678135
Conc: 39.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: -0.005 min
Response: 5212474
Conc: 34.82 ug/ml

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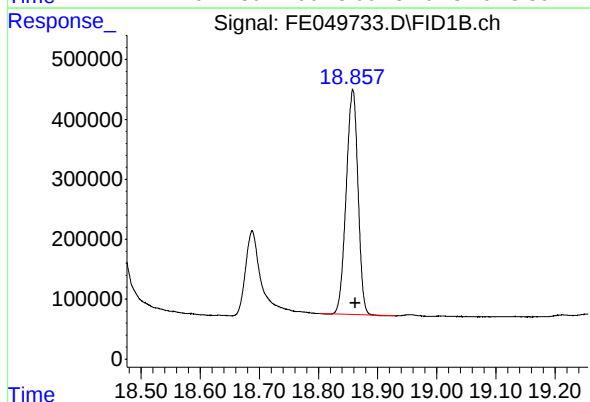
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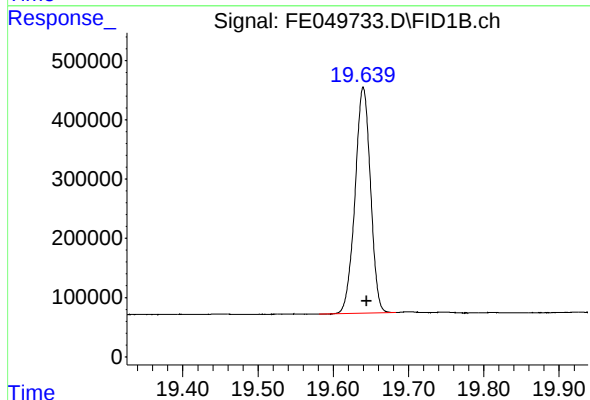
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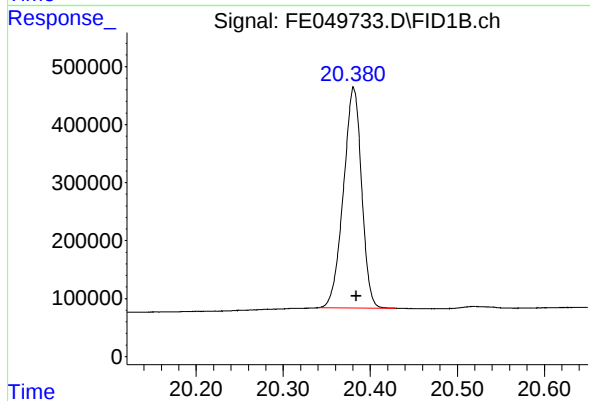
#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: -0.005 min
Response: 5192504
Conc: 34.32 ug/ml



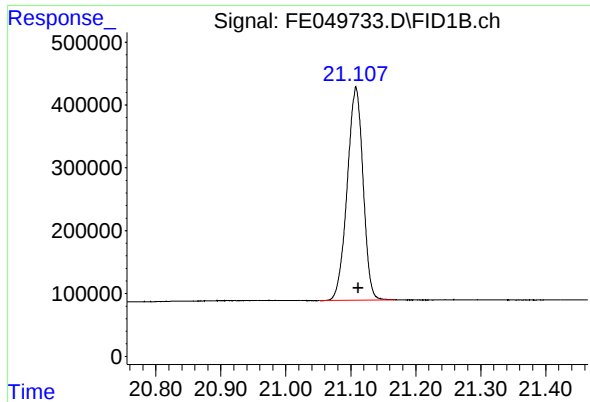
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.005 min
Response: 5424773
Conc: 35.48 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.380 min
Delta R.T.: -0.003 min
Response: 5513339
Conc: 36.31 ug/ml



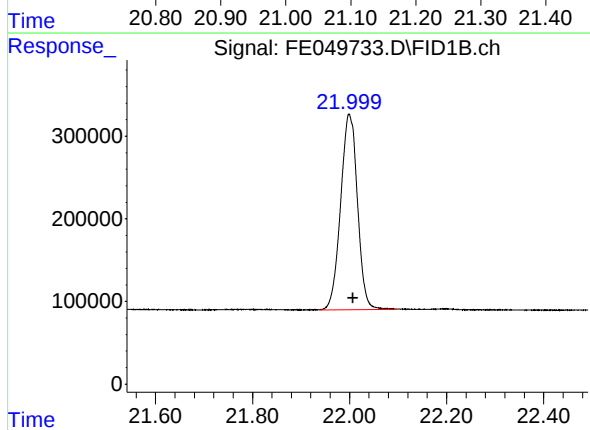
#21 n-Octatriacontane (C38)

R.T.: 21.108 min
Delta R.T.: -0.004 min
Response: 5751511
Conc: 36.64 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: -0.008 min
Response: 5714313
Conc: 37.43 ug/ml m