

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041823AL\
 Data File : FE041407.D
 Signal(s) : FID1B.ch
 Acq On : 18 Apr 2023 14:06
 Operator : YP\AJ
 Sample : PB152185BS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB152185BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/19/2023

Supervised By :Ankita Jodhani 04/19/2023

Integration File: autoint1.e

Quant Time: Apr 18 23:03:56 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M

Quant Title : GC Extractables

QLast Update : Sat Mar 25 06:32:15 2023

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)	11.839	6434557	34.237 ug/ml
Spiked Amount 50.000		Recovery =	68.47%
12) S 1-chlorooctadecane (S...	13.280	5371152	37.331 ug/ml
Spiked Amount 50.000		Recovery =	74.66%
Target Compounds			
1) T n-Nonane (C9)	3.258	7494000	43.190 ug/ml
2) T n-Decane (C10)	4.494	7676206	45.097 ug/ml
3) T A~Naphthalene (C11.7)	6.188	7969081	43.568 ug/ml
4) T n-Dodecane (C12)	6.650	7951575	45.841 ug/ml
5) T A~2-methylnaphthalene...	7.282	7447227	44.967 ug/ml
6) T n-Tetradecane (C14)	8.476	7839144	44.958 ug/ml
7) T n-Hexadecane (C16)	10.082	7938628	44.636 ug/ml
8) T n-Octadecane (C18)	11.525	7754632	43.431 ug/ml
10) T n-Eicosane (C20)	12.836	7568702	44.372 ug/ml
11) T n-Heneicosane (C21)	13.448	7174502	42.406 ug/ml
13) T n-Docosane (C22)	14.035	7032925	42.499 ug/ml
14) T n-Tetracosane (C24)	15.136	13706719	84.721 ug/ml
15) T n-Hexacosane (C26)	16.164	6722370	43.366 ug/ml
16) T n-Octacosane (C28)	17.114	7001786	45.709 ug/ml
17) T n-Tricontane (C30)	18.007	6719252	43.958 ug/ml
18) T n-Dotriacontane (C32)	18.838	6468709	41.432 ug/ml
19) T n-Tetratriacontane (C34)	19.625	6088227	39.287 ug/ml
20) T n-Hexatriacontane (C36)	20.364	5181824	34.114 ug/mlm
21) T n-Octatriacontane (C38)	21.093	4491098	28.749 ug/ml
22) T n-Tetracontane (C40)	21.974	3902064	24.448 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Sat Mar 25 06:32:15 2023

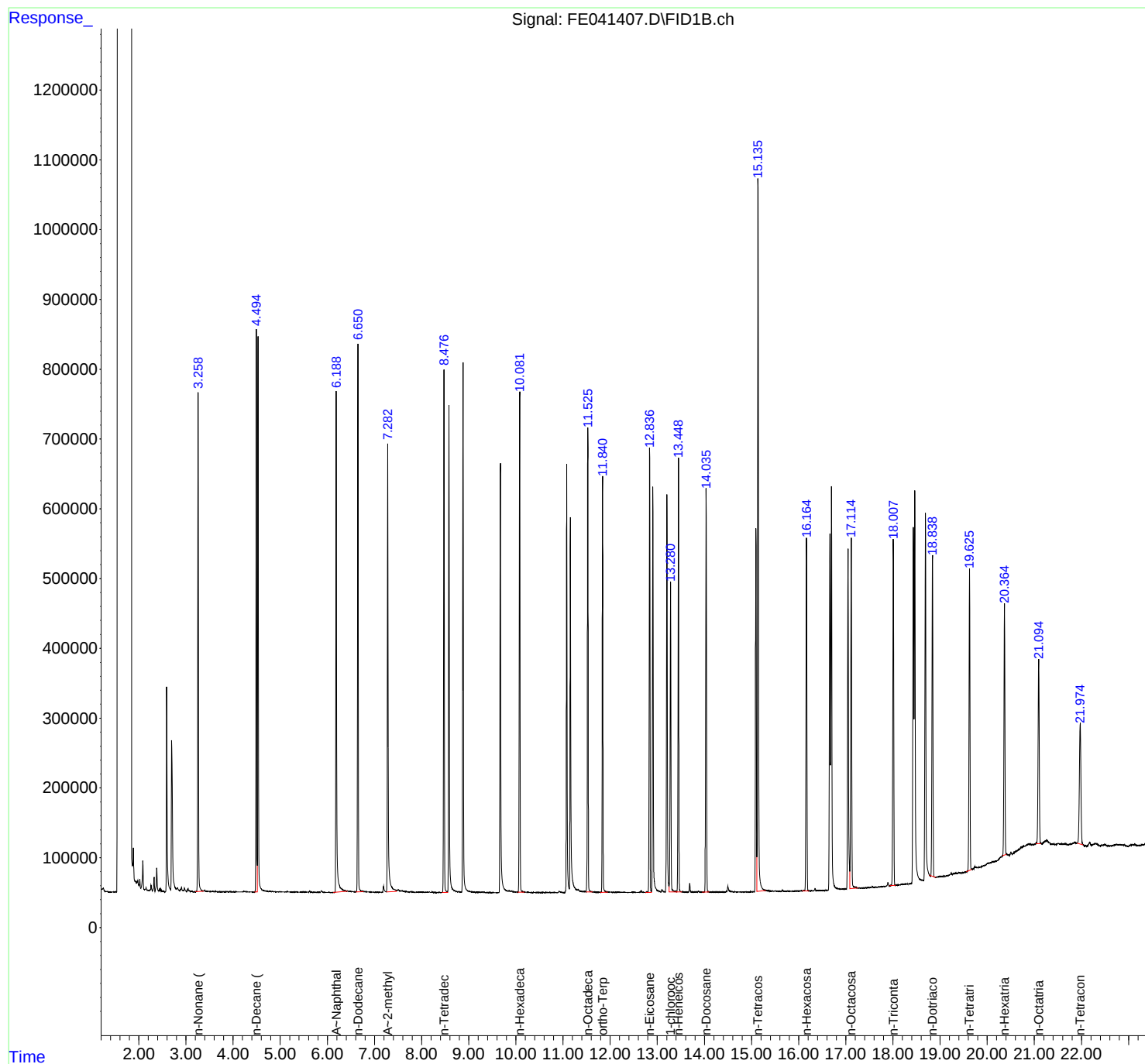
Response via : Initial Calibration

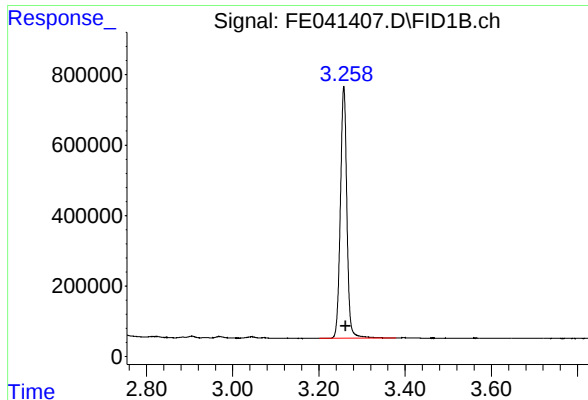
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.258 min
Delta R.T.: -0.004 min
Response: 7494000
Conc: 43.19 ug/ml

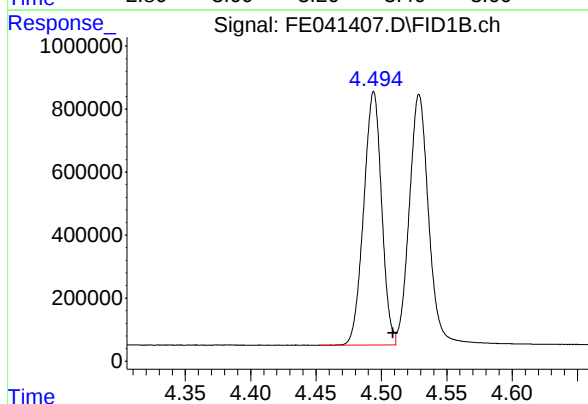
Instrument :

FID_E

ClientSampleId :
PB152185BS

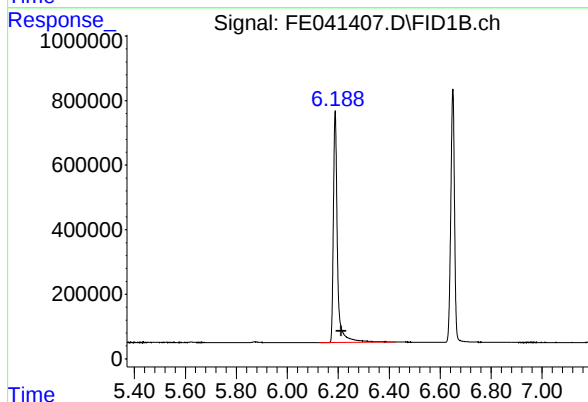
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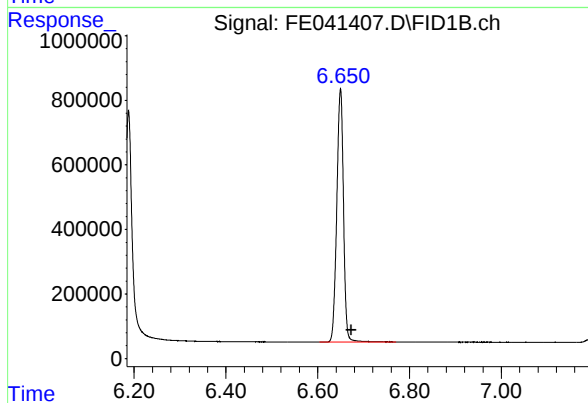
#2 n-Decane (C10)

R.T.: 4.494 min
Delta R.T.: -0.015 min
Response: 7676206
Conc: 45.10 ug/ml



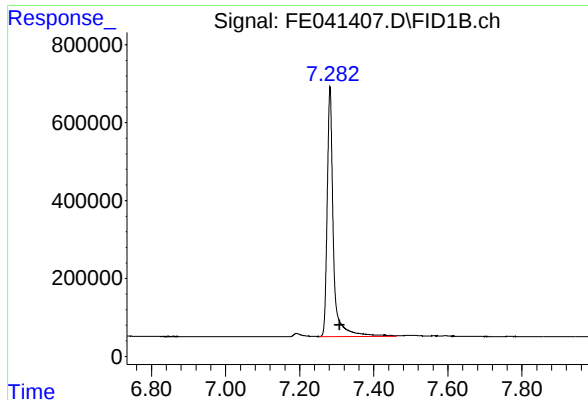
#3 A~Naphthalene (C11.7)

R.T.: 6.188 min
Delta R.T.: -0.024 min
Response: 7969081
Conc: 43.57 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.650 min
Delta R.T.: -0.024 min
Response: 7951575
Conc: 45.84 ug/ml



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

R.T.: 7.282 min
Delta R.T.: -0.025 min
Response: 7447227
Conc: 44.97 ug/ml

Instrument :

FID_E

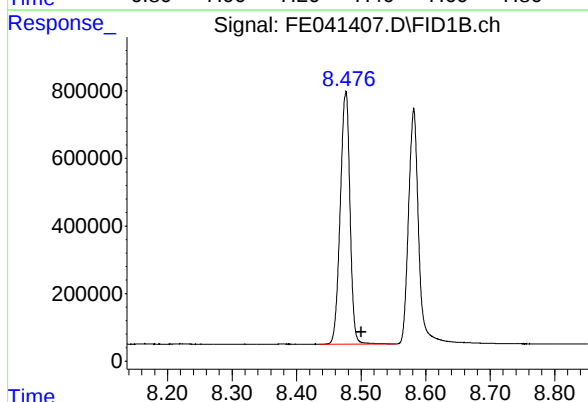
ClientSampleId :

PB152185BS

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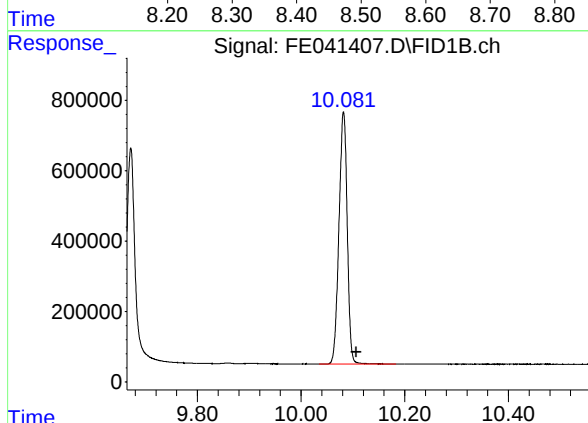
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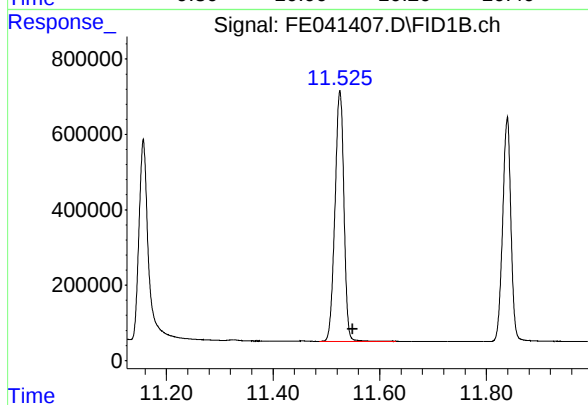
#6 n-Tetradecane (C14)

R.T.: 8.476 min
Delta R.T.: -0.024 min
Response: 7839144
Conc: 44.96 ug/ml



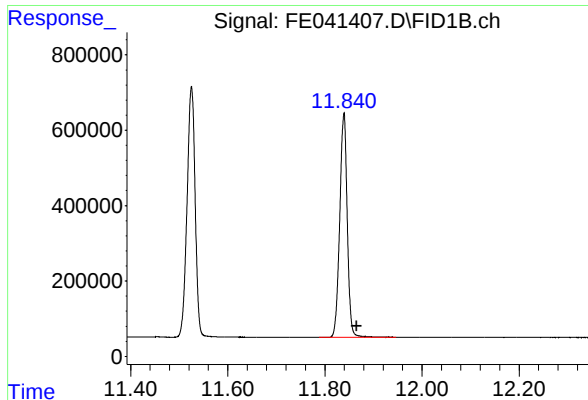
#7 n-Hexadecane (C16)

R.T.: 10.082 min
Delta R.T.: -0.025 min
Response: 7938628
Conc: 44.64 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.525 min
Delta R.T.: -0.024 min
Response: 7754632
Conc: 43.43 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.839 min
Delta R.T.: -0.026 min
Response: 6434557
Conc: 34.24 ug/ml

Instrument :

FID_E

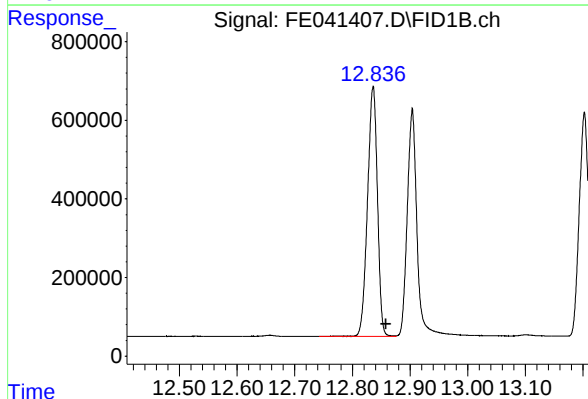
ClientSampleId :

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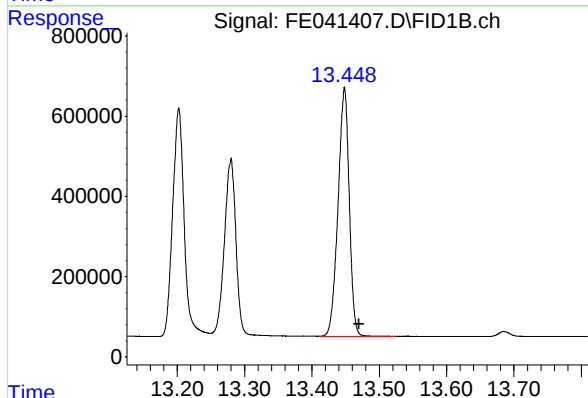
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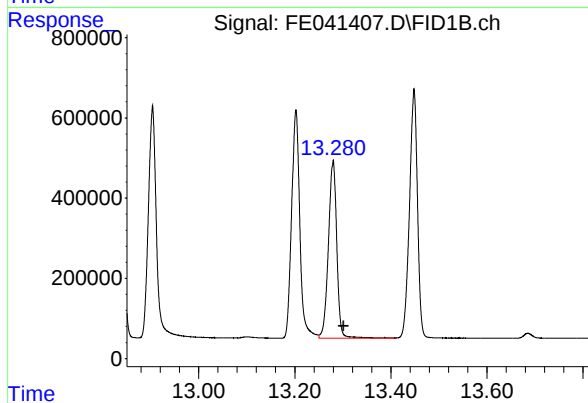
#10 n-Eicosane (C20)

R.T.: 12.836 min
Delta R.T.: -0.022 min
Response: 7568702
Conc: 44.37 ug/ml



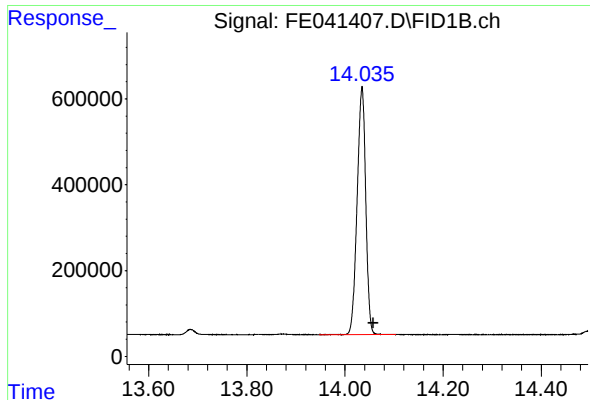
#11 n-Heneicosane (C21)

R.T.: 13.448 min
Delta R.T.: -0.021 min
Response: 7174502
Conc: 42.41 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.280 min
Delta R.T.: -0.022 min
Response: 5371152
Conc: 37.33 ug/ml



#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: -0.022 min
Response: 7032925
Conc: 42.50 ug/ml

Instrument :

FID_E

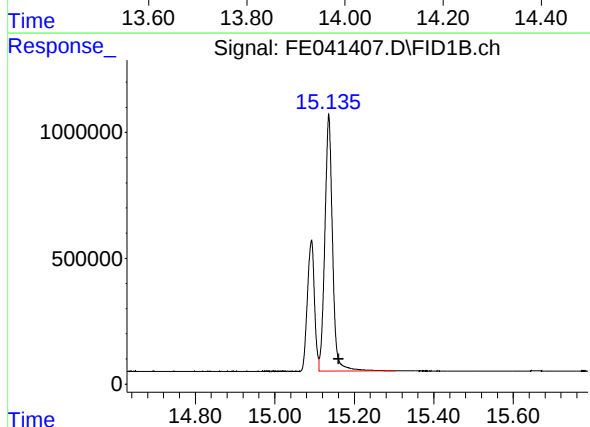
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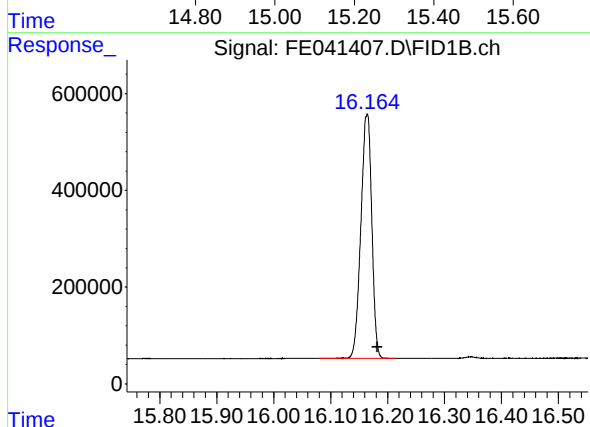
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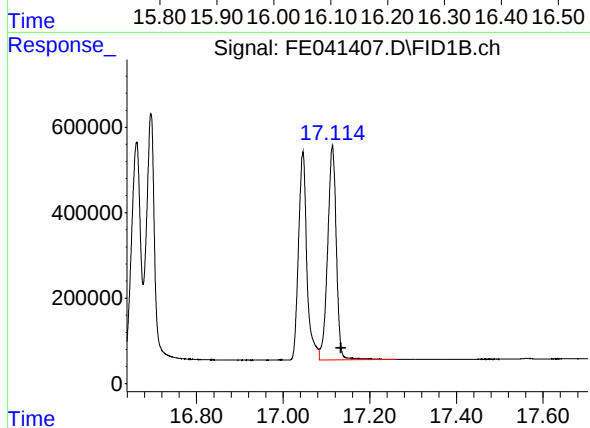
#14 n-Tetracosane (C24)

R.T.: 15.136 min
Delta R.T.: -0.025 min
Response: 13706719
Conc: 84.72 ug/ml



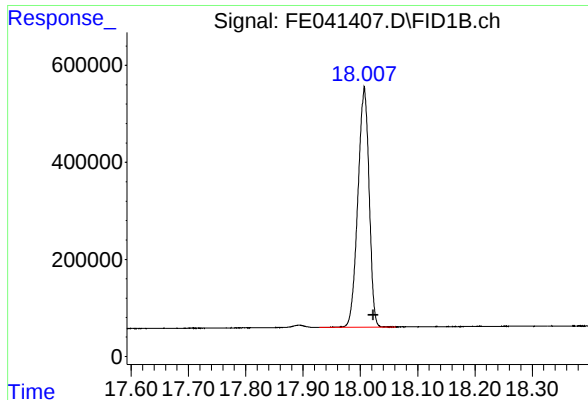
#15 n-Hexacosane (C26)

R.T.: 16.164 min
Delta R.T.: -0.018 min
Response: 6722370
Conc: 43.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.114 min
Delta R.T.: -0.019 min
Response: 7001786
Conc: 45.71 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.007 min
Delta R.T.: -0.015 min
Response: 6719252
Conc: 43.96 ug/ml

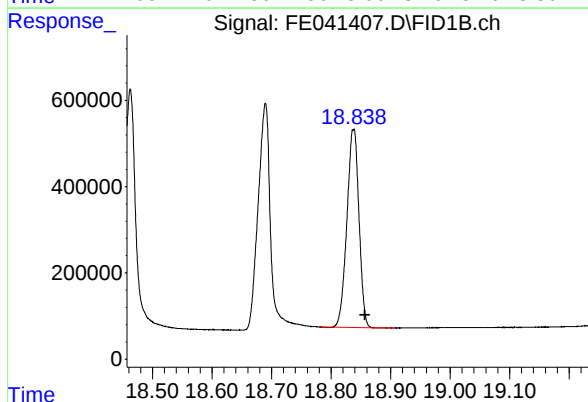
Instrument :

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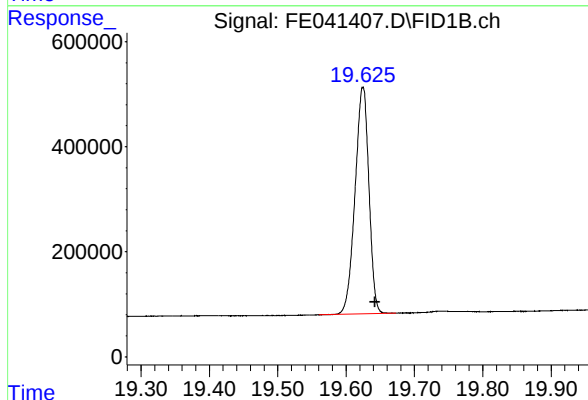
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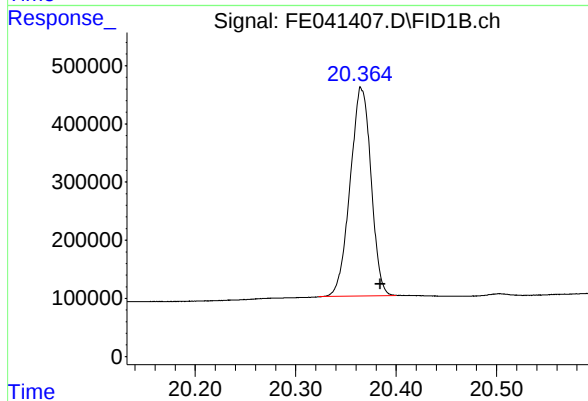
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: -0.019 min
Response: 6468709
Conc: 41.43 ug/ml



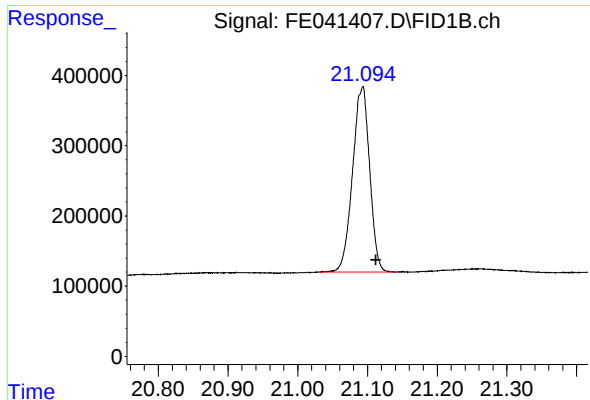
#19 n-Tetratriacontane (C34)

R.T.: 19.625 min
Delta R.T.: -0.018 min
Response: 6088227
Conc: 39.29 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.364 min
Delta R.T.: -0.020 min
Response: 5181824
Conc: 34.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.093 min
Delta R.T.: -0.019 min
Response: 4491098
Conc: 28.75 ug/ml

Instrument :

FID_E

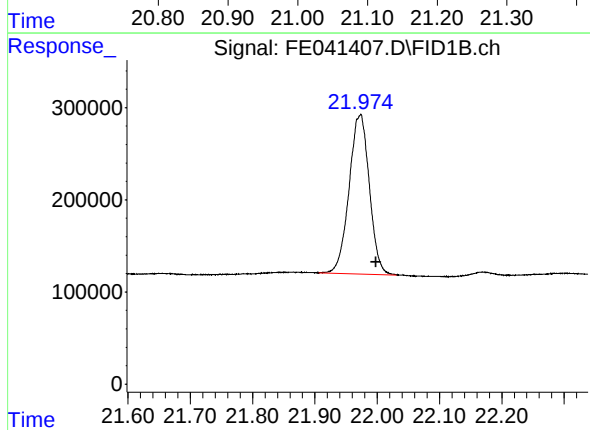
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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.024 min
Response: 3902064
Conc: 24.45 ug/ml m