

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051757.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 10:28
 Operator : YP\AJ
 Sample : PB165815BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB165815BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 12/27/2024

Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e

Quant Time: Dec 26 11:23:41 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M

Quant Title : GC Extractables

QLast Update : Tue Dec 17 15:04:25 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)	12.026	6170149	38.433 ug/ml
Spiked Amount 50.000		Recovery =	76.87%
12) S 1-chlorooctadecane (S...	13.449	5123802	40.617 ug/ml
Spiked Amount 50.000		Recovery =	81.23%
Target Compounds			
1) T n-Nonane (C9)	3.493	4248004	35.453 ug/ml
2) T n-Decane (C10)	4.724	4549890	36.594 ug/ml
3) T A~Naphthalene (C11.7)	6.411	5455997	38.287 ug/ml
4) T n-Dodecane (C12)	6.860	4788173	36.799 ug/ml
5) T A~2-methylnaphthalene...	7.495	5128195	36.237 ug/ml
6) T n-Tetradecane (C14)	8.674	5011192	37.375 ug/ml
7) T n-Hexadecane (C16)	10.269	5138921	35.959 ug/ml
8) T n-Octadecane (C18)	11.704	5245631	35.584 ug/ml
10) T n-Eicosane (C20)	13.006	5427869	37.729 ug/ml
11) T n-Heneicosane (C21)	13.614	5209111	36.656 ug/ml
13) T n-Docosane (C22)	14.196	5169189	36.665 ug/ml
14) T n-Tetracosane (C24)	15.287	10176685	72.939 ug/ml
15) T n-Hexacosane (C26)	16.309	4893005	36.315 ug/ml
16) T n-Octacosane (C28)	17.251	4791569	36.833 ug/ml
17) T n-Tricontane (C30)	18.134	4703373	35.539 ug/ml
18) T n-Dotriacontane (C32)	18.961	4567101	36.430 ug/ml
19) T n-Tetratriacontane (C34)	19.740	4477352	40.695 ug/ml
20) T n-Hexatriacontane (C36)	20.474	4159755	43.325 ug/ml
21) T n-Octatriacontane (C38)	21.218	3973910	44.132 ug/ml
22) T n-Tetracontane (C40)	22.151	3713781	38.049 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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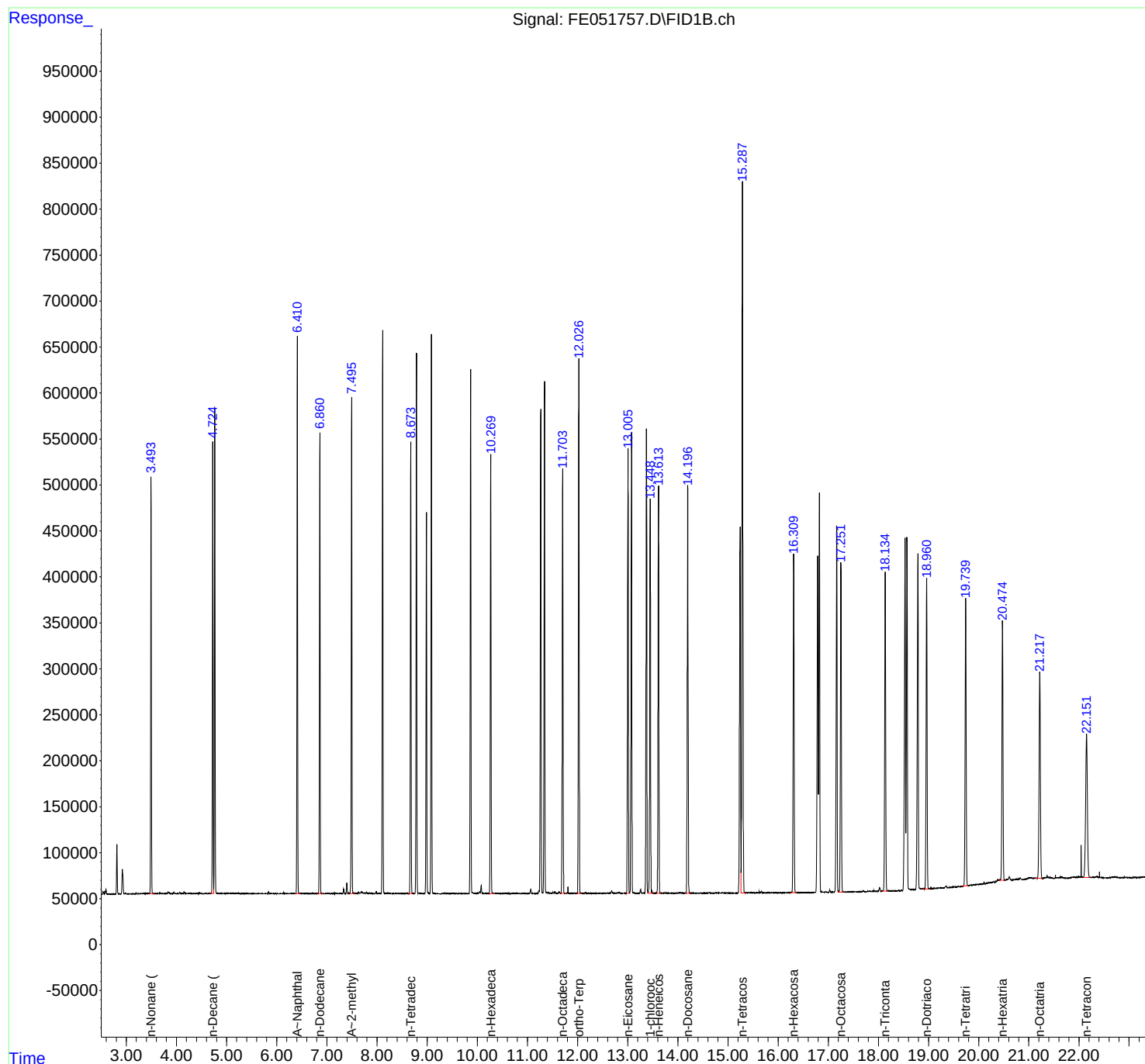
Response via : Initial Calibration

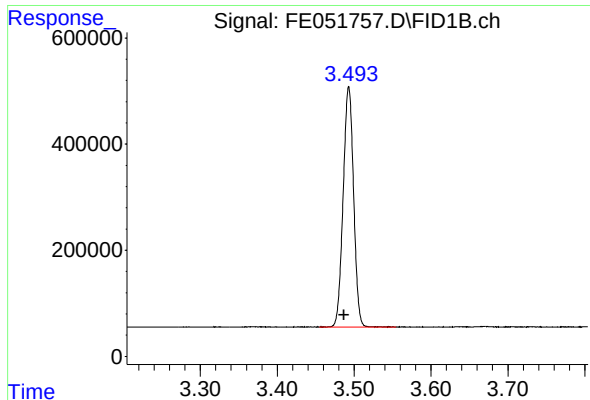
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





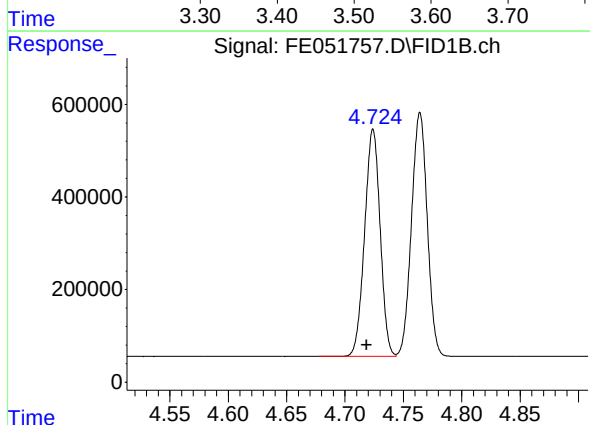
#1 n-Nonane (C9)

R.T.: 3.493 min
Delta R.T.: 0.006 min
Response: 4248004
Conc: 35.45 ug/ml

Instrument :
FID_E
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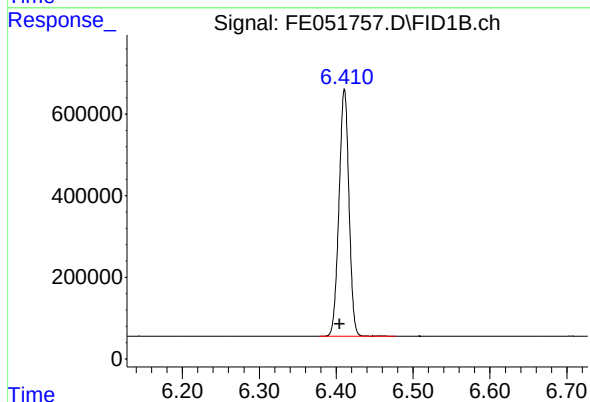
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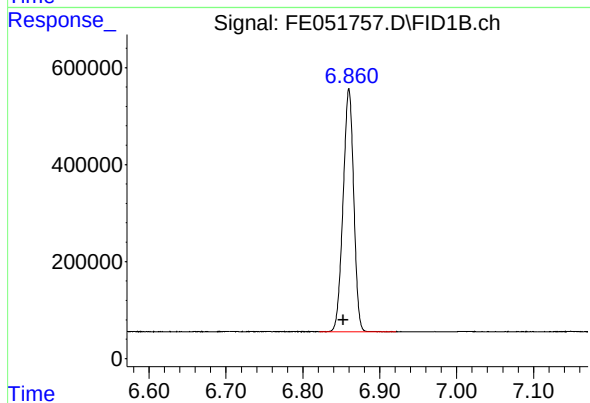
#2 n-Decane (C10)

R.T.: 4.724 min
Delta R.T.: 0.005 min
Response: 4549890
Conc: 36.59 ug/ml



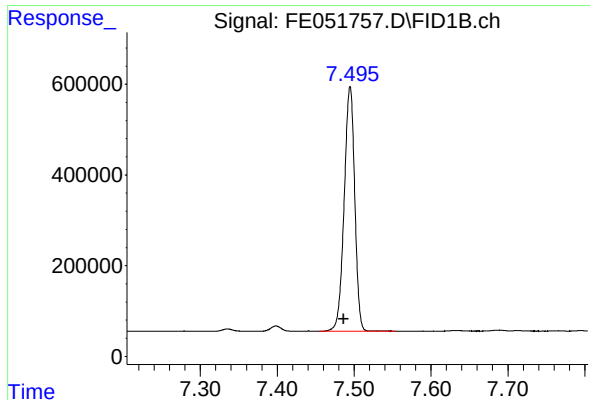
#3 A~Naphthalene (C11.7)

R.T.: 6.411 min
Delta R.T.: 0.006 min
Response: 5455997
Conc: 38.29 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.860 min
Delta R.T.: 0.007 min
Response: 4788173
Conc: 36.80 ug/ml



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

R.T.: 7.495 min
Delta R.T.: 0.008 min
Response: 5128195
Conc: 36.24 ug/ml

Instrument :

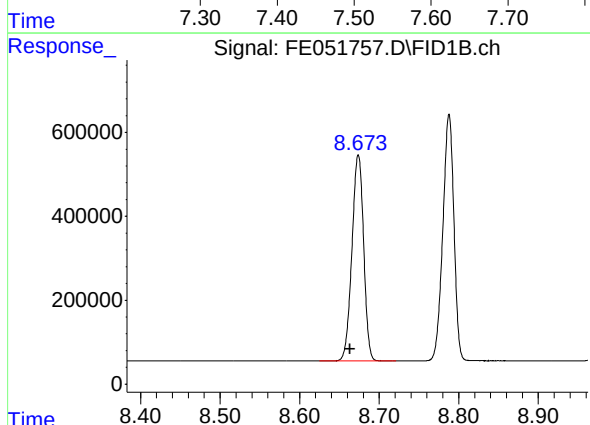
FID_E

ClientSampleId :

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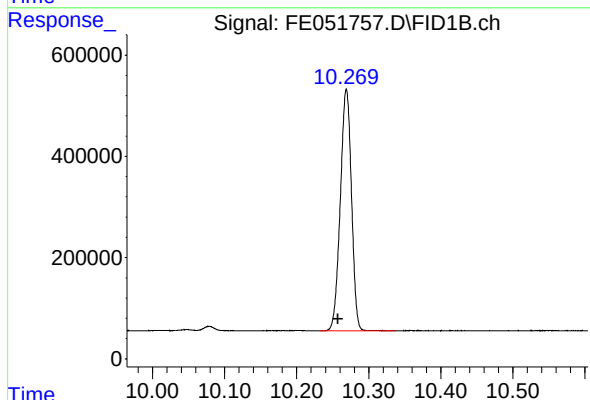
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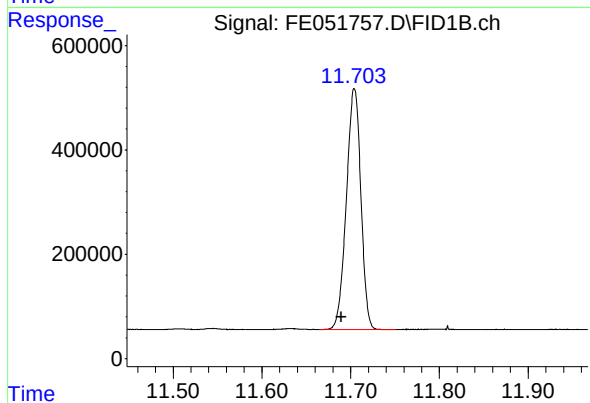
#6 n-Tetradecane (C14)

R.T.: 8.674 min
Delta R.T.: 0.010 min
Response: 5011192
Conc: 37.37 ug/ml



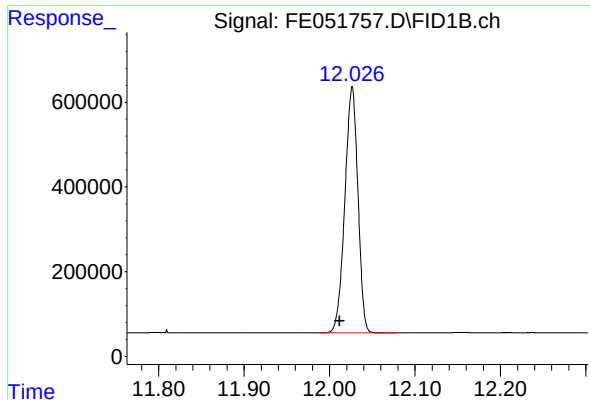
#7 n-Hexadecane (C16)

R.T.: 10.269 min
Delta R.T.: 0.011 min
Response: 5138921
Conc: 35.96 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.704 min
Delta R.T.: 0.014 min
Response: 5245631
Conc: 35.58 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.026 min
Delta R.T.: 0.015 min
Response: 6170149
Conc: 38.43 ug/ml

Instrument :

FID_E

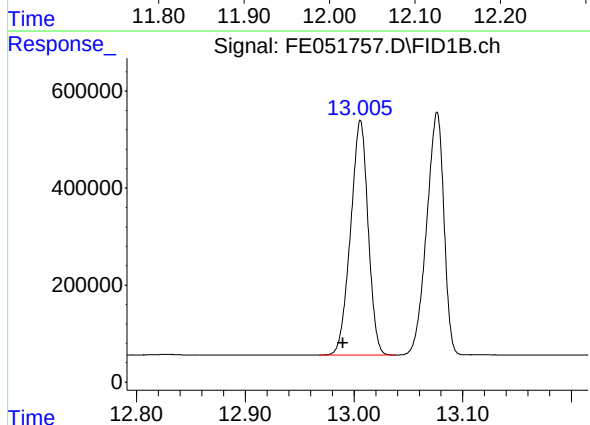
ClientSampleId :

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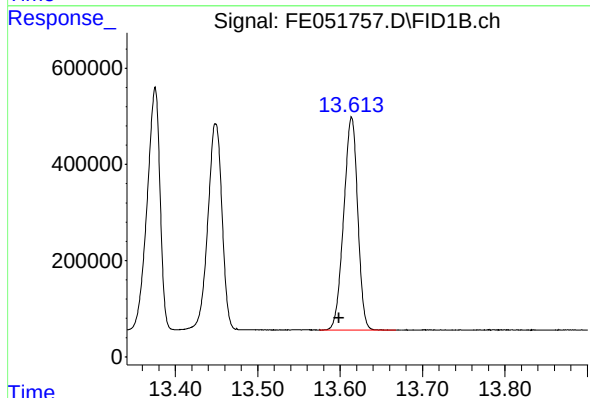
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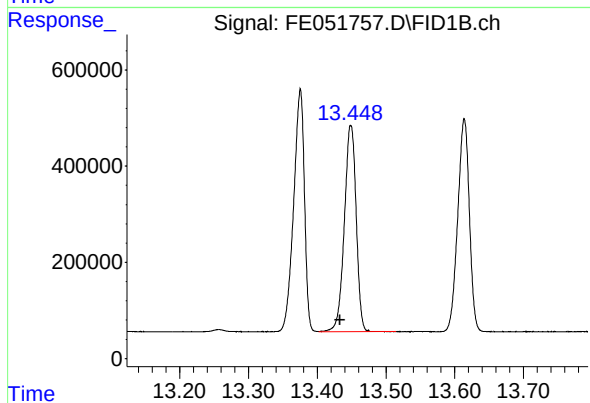
#10 n-Eicosane (C20)

R.T.: 13.006 min
Delta R.T.: 0.016 min
Response: 5427869
Conc: 37.73 ug/ml



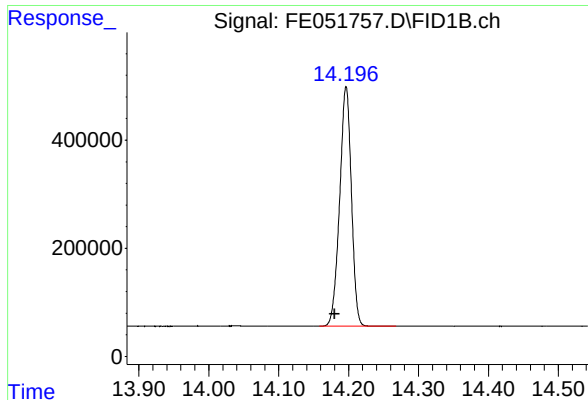
#11 n-Heneicosane (C21)

R.T.: 13.614 min
Delta R.T.: 0.015 min
Response: 5209111
Conc: 36.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.449 min
Delta R.T.: 0.016 min
Response: 5123802
Conc: 40.62 ug/ml



#13 n-Docosane (C22)

R.T.: 14.196 min
Delta R.T.: 0.016 min
Response: 5169189
Conc: 36.67 ug/ml

Instrument :

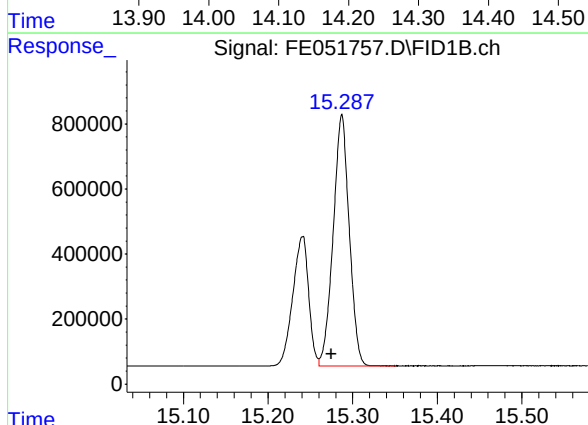
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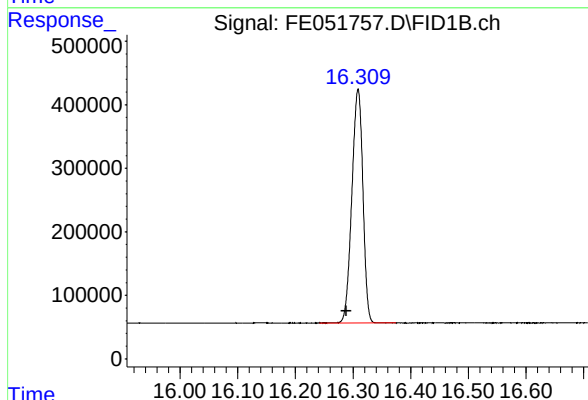
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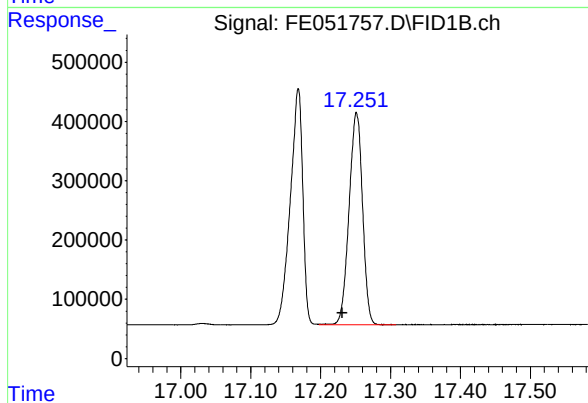
#14 n-Tetracosane (C24)

R.T.: 15.287 min
Delta R.T.: 0.012 min
Response: 10176685
Conc: 72.94 ug/ml



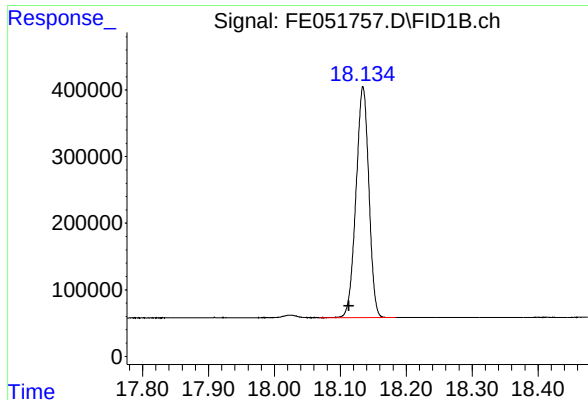
#15 n-Hexacosane (C26)

R.T.: 16.309 min
Delta R.T.: 0.020 min
Response: 4893005
Conc: 36.32 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.251 min
Delta R.T.: 0.020 min
Response: 4791569
Conc: 36.83 ug/ml



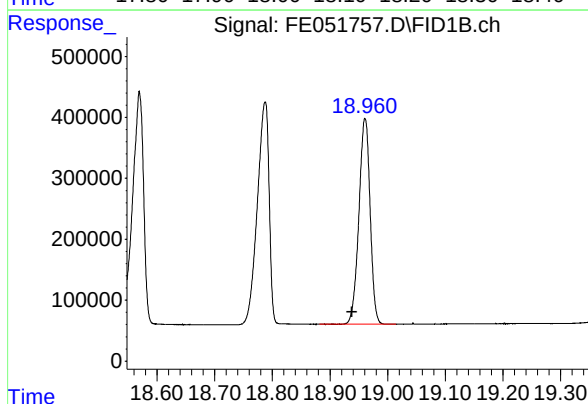
#17 n-Tricontane (C30)

R.T.: 18.134 min
Delta R.T.: 0.021 min
Response: 4703373
Conc: 35.54 ug/ml

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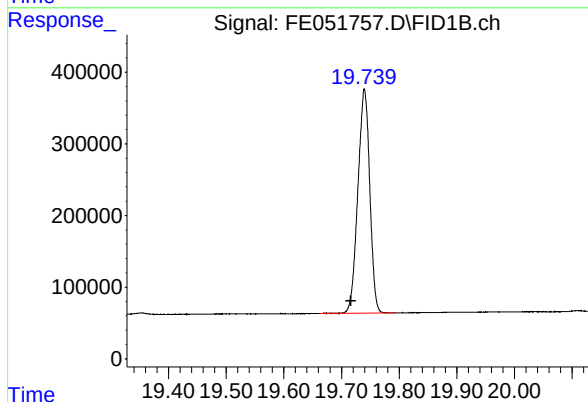
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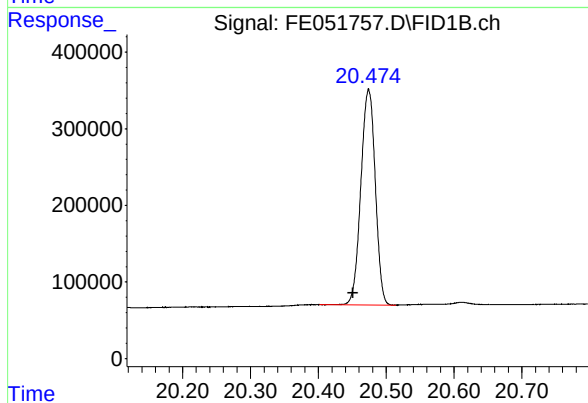
#18 n-Dotriacontane (C32)

R.T.: 18.961 min
Delta R.T.: 0.023 min
Response: 4567101
Conc: 36.43 ug/ml



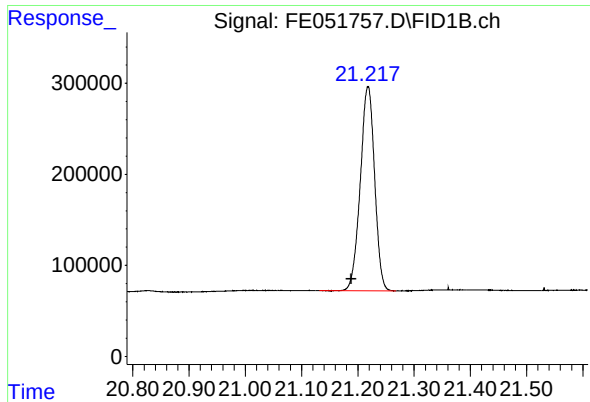
#19 n-Tetratriacontane (C34)

R.T.: 19.740 min
Delta R.T.: 0.023 min
Response: 4477352
Conc: 40.70 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.474 min
Delta R.T.: 0.023 min
Response: 4159755
Conc: 43.33 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.218 min
Delta R.T.: 0.029 min
Response: 3973910
Conc: 44.13 ug/ml

Instrument :

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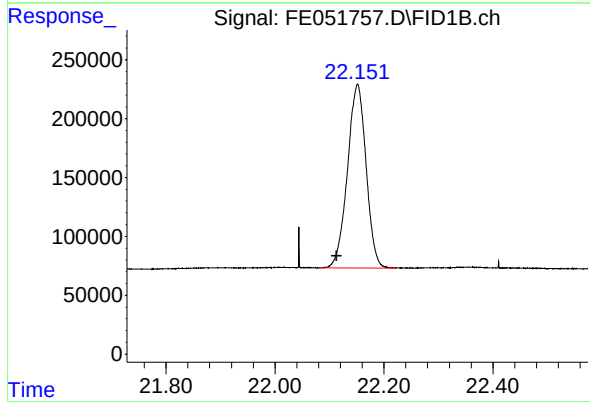
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#22 n-Tetracontane (C40)

R.T.: 22.151 min
Delta R.T.: 0.038 min
Response: 3713781
Conc: 38.05 ug/ml m