

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050481.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 19:26
 Operator : YP\AJ
 Sample : P4257-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

VNJ-240MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e

Quant Time: Oct 03 01:37:40 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.864	4795449	32.232 ug/ml
Spiked Amount 50.000		Recovery =	64.46%
12) S 1-chlorooctadecane (S...	13.298	3923291	34.927 ug/ml
Spiked Amount 50.000		Recovery =	69.85%
Target Compounds			
1) T n-Nonane (C9)	3.254	3014611	22.241 ug/ml
2) T n-Decane (C10)	4.504	3387723	24.547 ug/ml
3) T A~Naphthalene (C11.7)	6.213	3979025	28.428 ug/ml
4) T n-Dodecane (C12)	6.671	3851520	27.852 ug/ml
5) T A~2-methylnaphthalene...	7.309	3933016	29.923 ug/ml
6) T n-Tetradecane (C14)	8.498	4317543	31.707 ug/ml
7) T n-Hexadecane (C16)	10.103	4537412	32.666 ug/ml
8) T n-Octadecane (C18)	11.544	4628800	33.039 ug/ml
10) T n-Eicosane (C20)	12.852	4673208	34.837 ug/ml
11) T n-Heneicosane (C21)	13.463	4549158	34.621 ug/ml
13) T n-Docosane (C22)	14.049	4483346	34.430 ug/mlm
14) T n-Tetracosane (C24)	15.149	8901829	68.166 ug/ml
15) T n-Hexacosane (C26)	16.171	4346732	33.975 ug/ml
16) T n-Octacosane (C28)	17.119	5060827	39.289 ug/ml
17) T n-Tricontane (C30)	18.006	4627475	34.605 ug/ml
18) T n-Dotriacontane (C32)	18.837	4692920	35.217 ug/ml
19) T n-Tetratriacontane (C34)	19.620	4707279	38.097 ug/ml
20) T n-Hexatriacontane (C36)	20.358	4548426	40.995 ug/ml
21) T n-Octatriacontane (C38)	21.082	4413884	40.025 ug/ml
22) T n-Tetracontane (C40)	21.969	3884691	35.700 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : P4257-01MS
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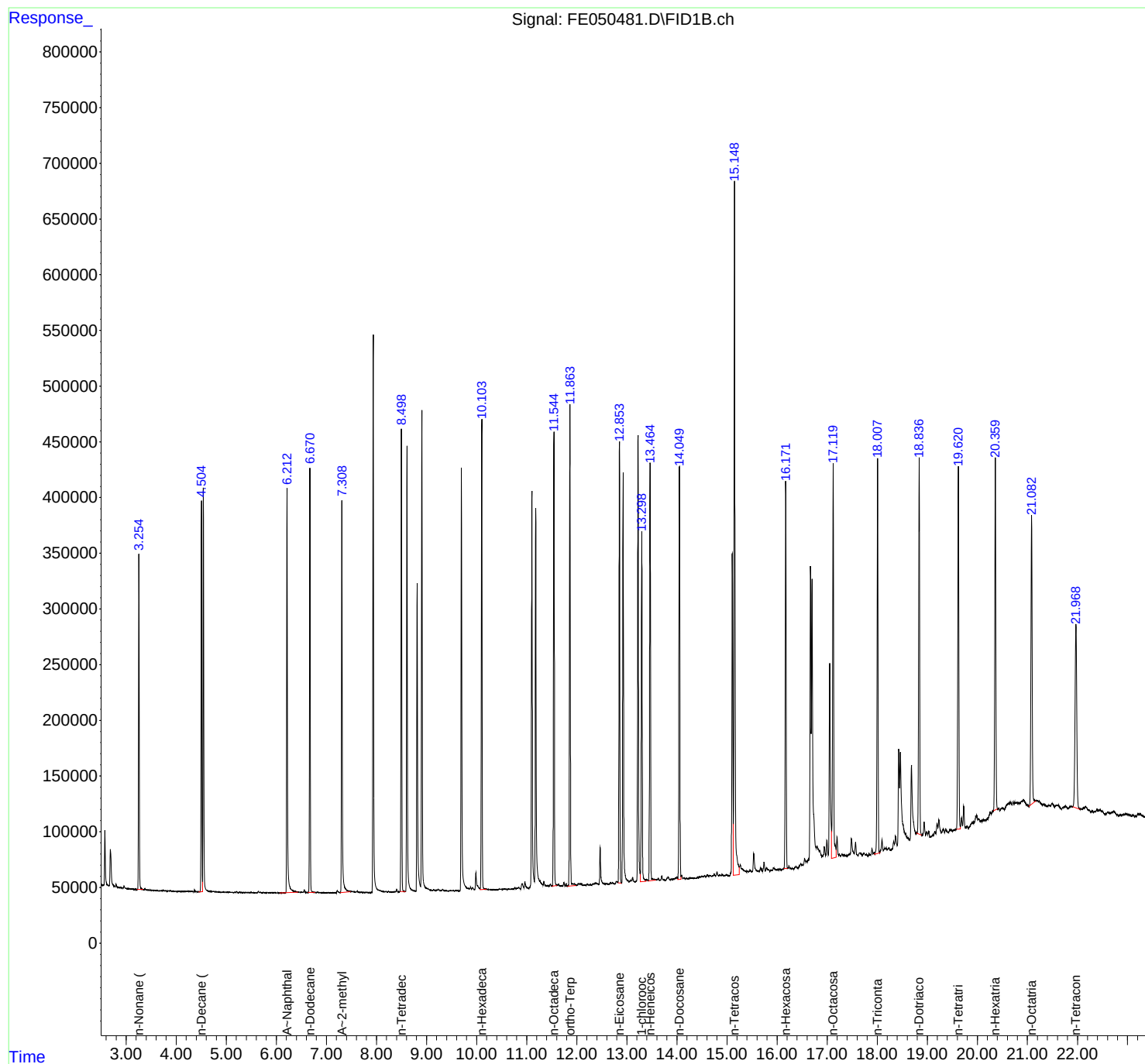
Instrument :
FID_E
ClientSampleId :
VNJ-240MS

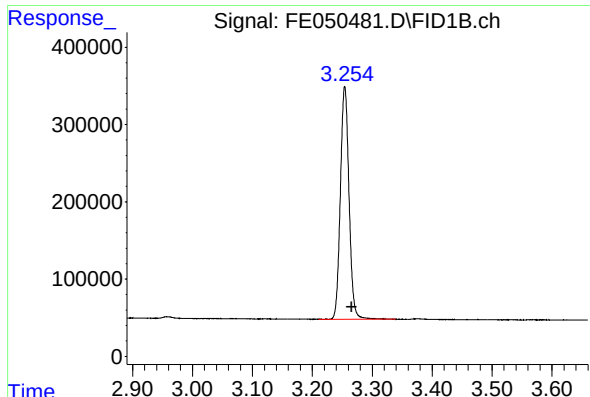
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Quant Title : GC Extractables
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Signal Phase : Rxi-1ms
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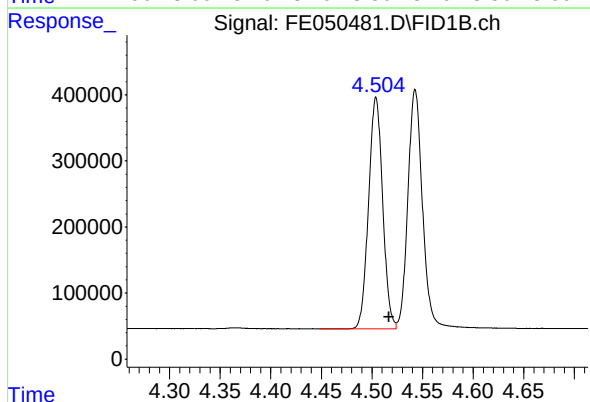
#1 n-Nonane (C9)

R.T.: 3.254 min
Delta R.T.: -0.012 min
Response: 3014611
Conc: 22.24 ug/ml

Instrument :
FID_E
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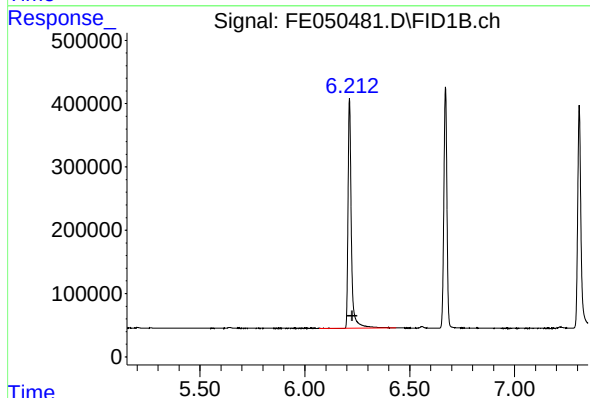
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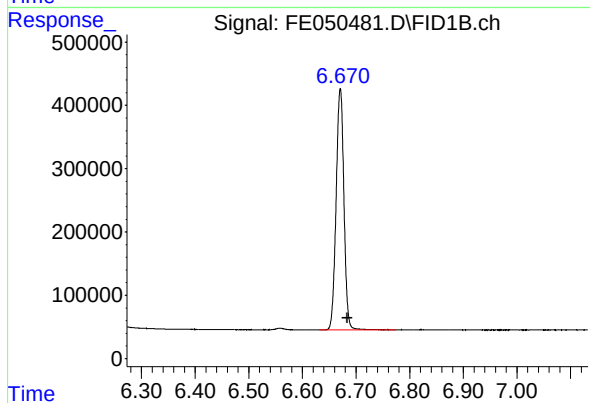
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: -0.013 min
Response: 3387723
Conc: 24.55 ug/ml



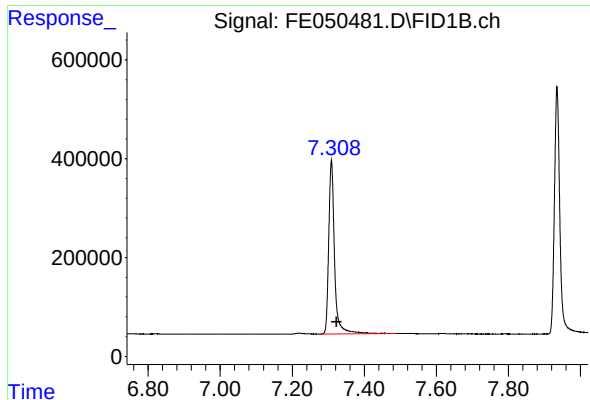
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 3979025
Conc: 28.43 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 3851520
Conc: 27.85 ug/ml



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

R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 3933016
Conc: 29.92 ug/ml

Instrument :

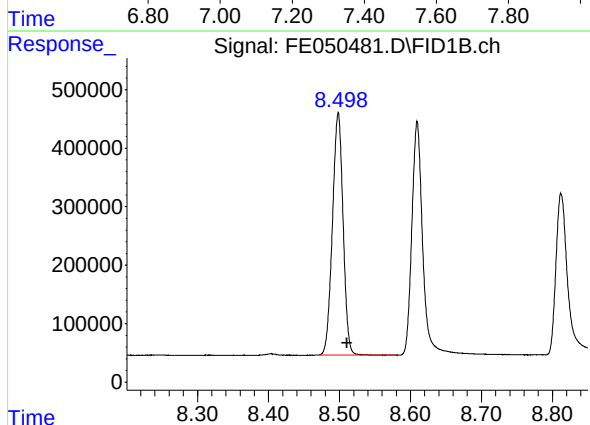
FID_E

ClientSampleId :

VNJ-240MS

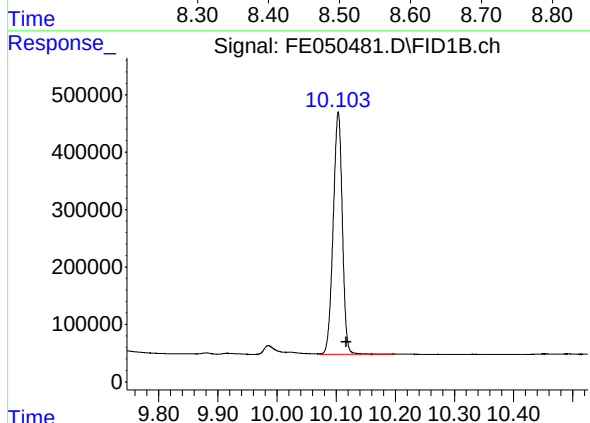
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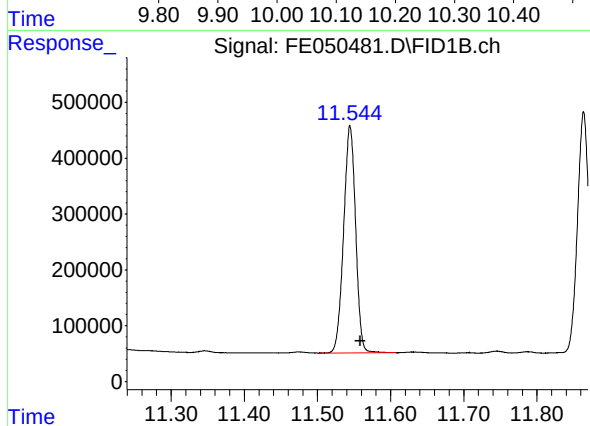
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: -0.013 min
Response: 4317543
Conc: 31.71 ug/ml



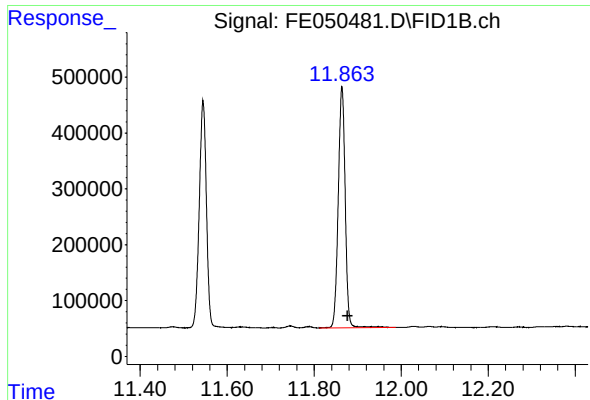
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 4537412
Conc: 32.67 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: -0.014 min
Response: 4628800
Conc: 33.04 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.013 min
Response: 4795449
Conc: 32.23 ug/ml

Instrument :

FID_E

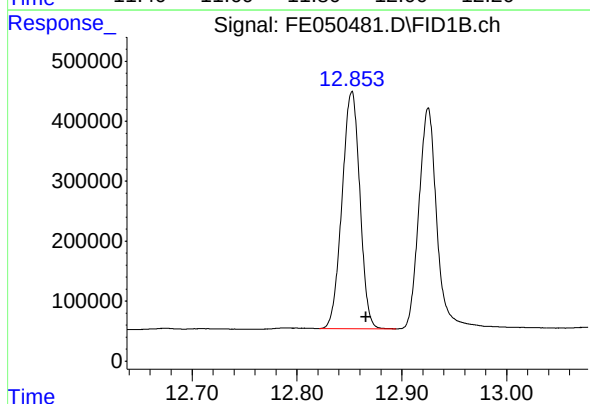
ClientSampleId :

VNJ-240MS

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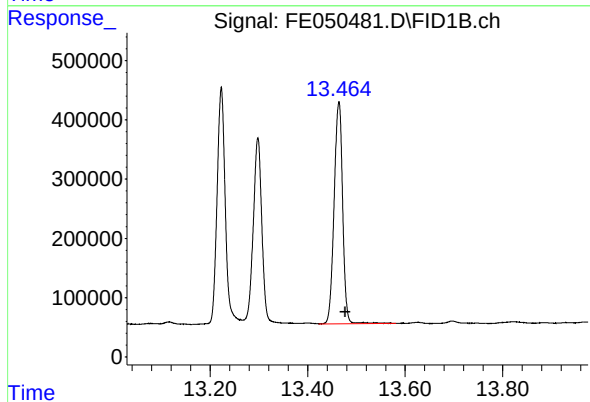
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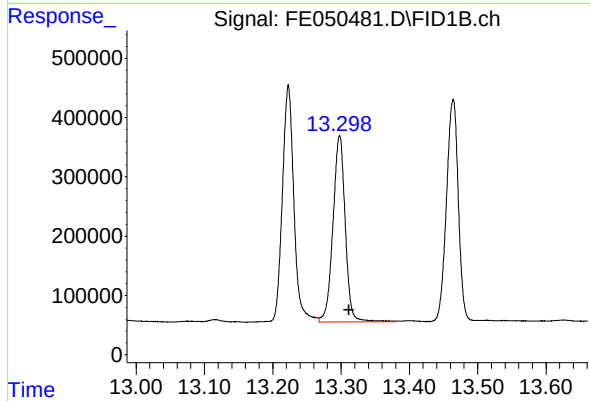
#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: -0.014 min
Response: 4673208
Conc: 34.84 ug/ml



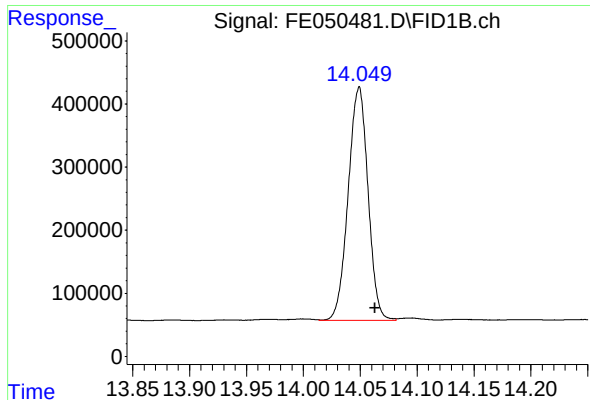
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.014 min
Response: 4549158
Conc: 34.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.014 min
Response: 3923291
Conc: 34.93 ug/ml



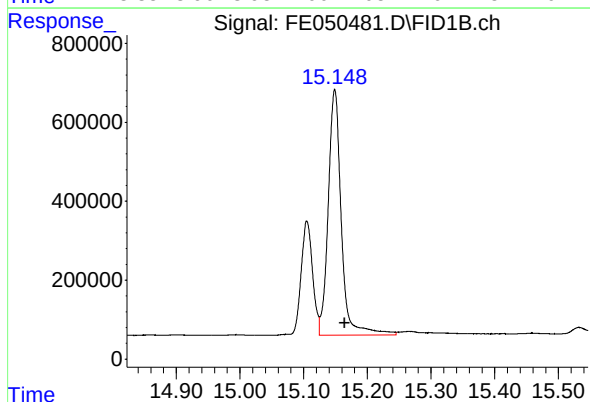
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: -0.014 min
Response: 4483346
Conc: 34.43 ug/ml

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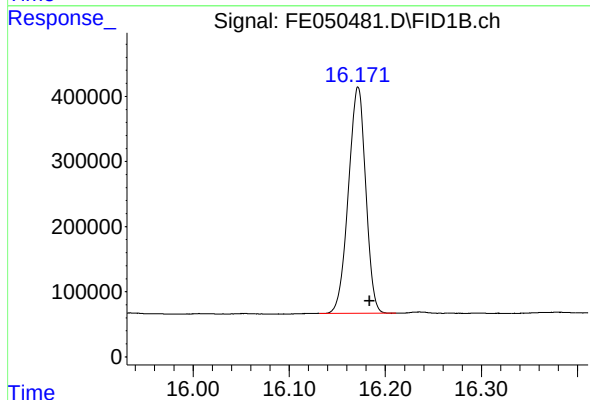
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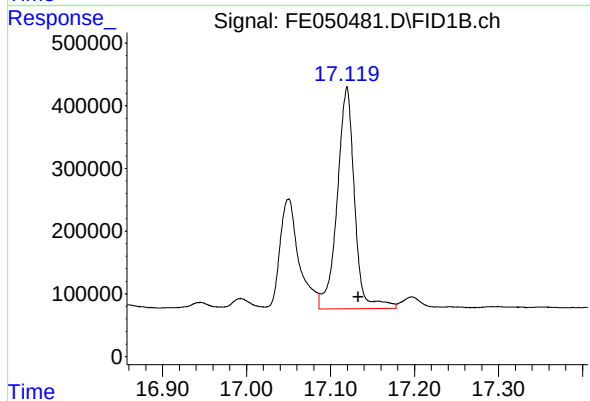
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.016 min
Response: 8901829
Conc: 68.17 ug/ml



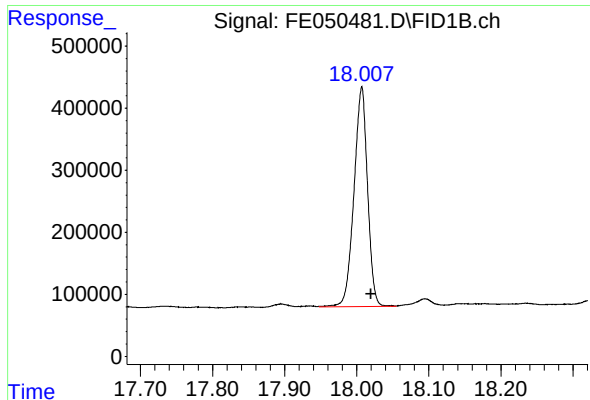
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: -0.013 min
Response: 4346732
Conc: 33.97 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: -0.014 min
Response: 5060827
Conc: 39.29 ug/ml



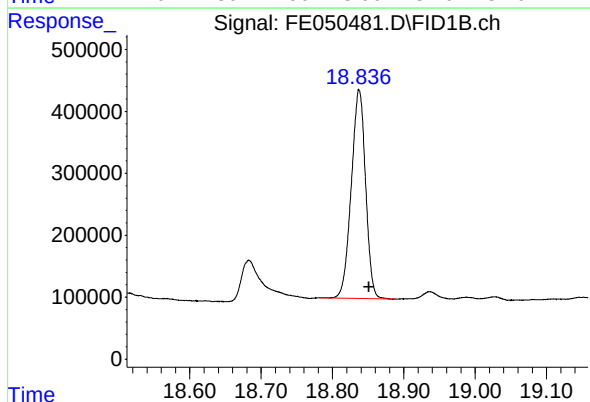
#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: -0.013 min
Response: 4627475
Conc: 34.61 ug/ml

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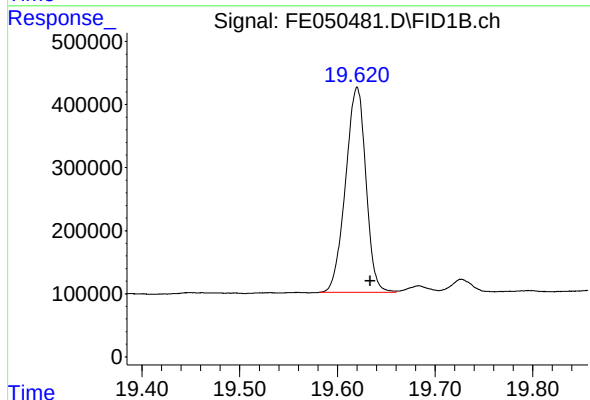
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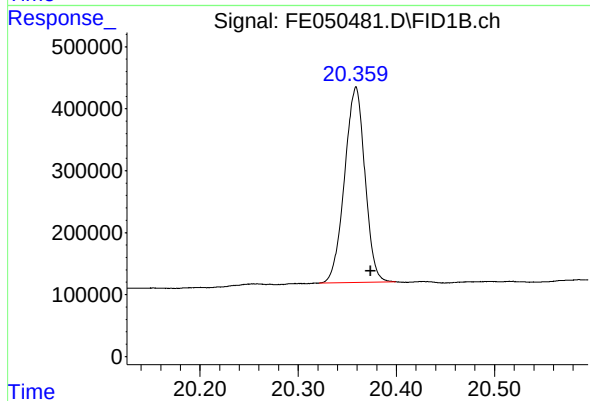
#18 n-Dotriacontane (C32)

R.T.: 18.837 min
Delta R.T.: -0.014 min
Response: 4692920
Conc: 35.22 ug/ml



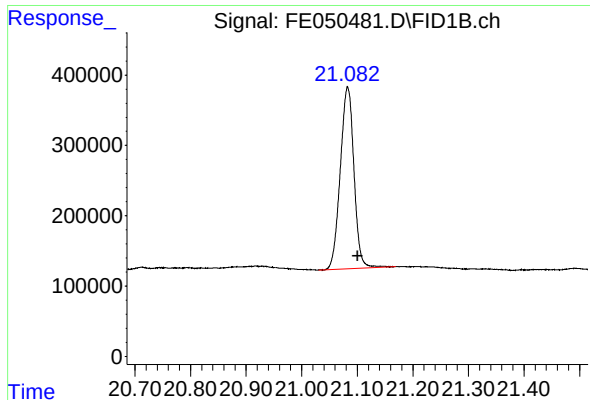
#19 n-Tetratriacontane (C34)

R.T.: 19.620 min
Delta R.T.: -0.014 min
Response: 4707279
Conc: 38.10 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.358 min
Delta R.T.: -0.016 min
Response: 4548426
Conc: 41.00 ug/ml



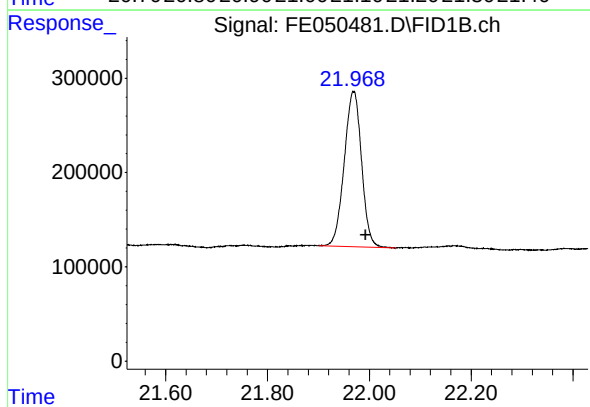
#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.019 min
Response: 4413884
Conc: 40.02 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.024 min
Response: 3884691
Conc: 35.70 ug/ml