

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111824AL\
 Data File : FE051319.D
 Signal(s) : FID1B.ch
 Acq On : 18 Nov 2024 19:23
 Operator : YP\AJ
 Sample : P4887-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

MH-739MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 11/19/2024

Supervised By :Ankita Jodhani 11/19/2024

Integration File: autoint1.e

Quant Time: Nov 19 02:50:52 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M

Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 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)	11.850	4920158	32.780 ug/ml
Spiked Amount 50.000		Recovery =	65.56%
12) S 1-chlorooctadecane (S...	13.282	4083102	35.965 ug/ml
Spiked Amount 50.000		Recovery =	71.93%
Target Compounds			
1) T n-Nonane (C9)	3.242	5665713	40.946 ug/ml
2) T n-Decane (C10)	4.491	6385595	45.553 ug/ml
3) T A~Naphthalene (C11.7)	6.200	6614836	50.170 ug/ml
4) T n-Dodecane (C12)	6.656	6873579	48.681 ug/ml
5) T A~2-methylnaphthalene...	7.296	6195828	49.529 ug/ml
6) T n-Tetradecane (C14)	8.485	7318174	52.511 ug/ml
7) T n-Hexadecane (C16)	10.089	7827701	55.161 ug/ml
8) T n-Octadecane (C18)	11.531	8142876	57.021 ug/ml
10) T n-Eicosane (C20)	12.839	8184977	59.808 ug/ml
11) T n-Heneicosane (C21)	13.449	7829814	58.587 ug/ml
13) T n-Docosane (C22)	14.035	7848923	59.037 ug/ml
14) T n-Tetracosane (C24)	15.138	15528961	117.060 ug/ml
15) T n-Hexacosane (C26)	16.158	7851110	58.648 ug/ml
16) T n-Octacosane (C28)	17.106	8648442	63.438 ug/ml
17) T n-Tricontane (C30)	17.992	8229152	56.640 ug/ml
18) T n-Dotriacontane (C32)	18.824	8302728	55.917 ug/ml
19) T n-Tetratriacontane (C34)	19.607	8488073	63.172 ug/ml
20) T n-Hexatriacontane (C36)	20.347	8288340	69.464 ug/ml
21) T n-Octatriacontane (C38)	21.071	7781543	68.369 ug/ml
22) T n-Tetracontane (C40)	21.952	6626047	59.576 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Title : GC Extractables

QLast Update : Thu Nov 07 04:56:04 2024

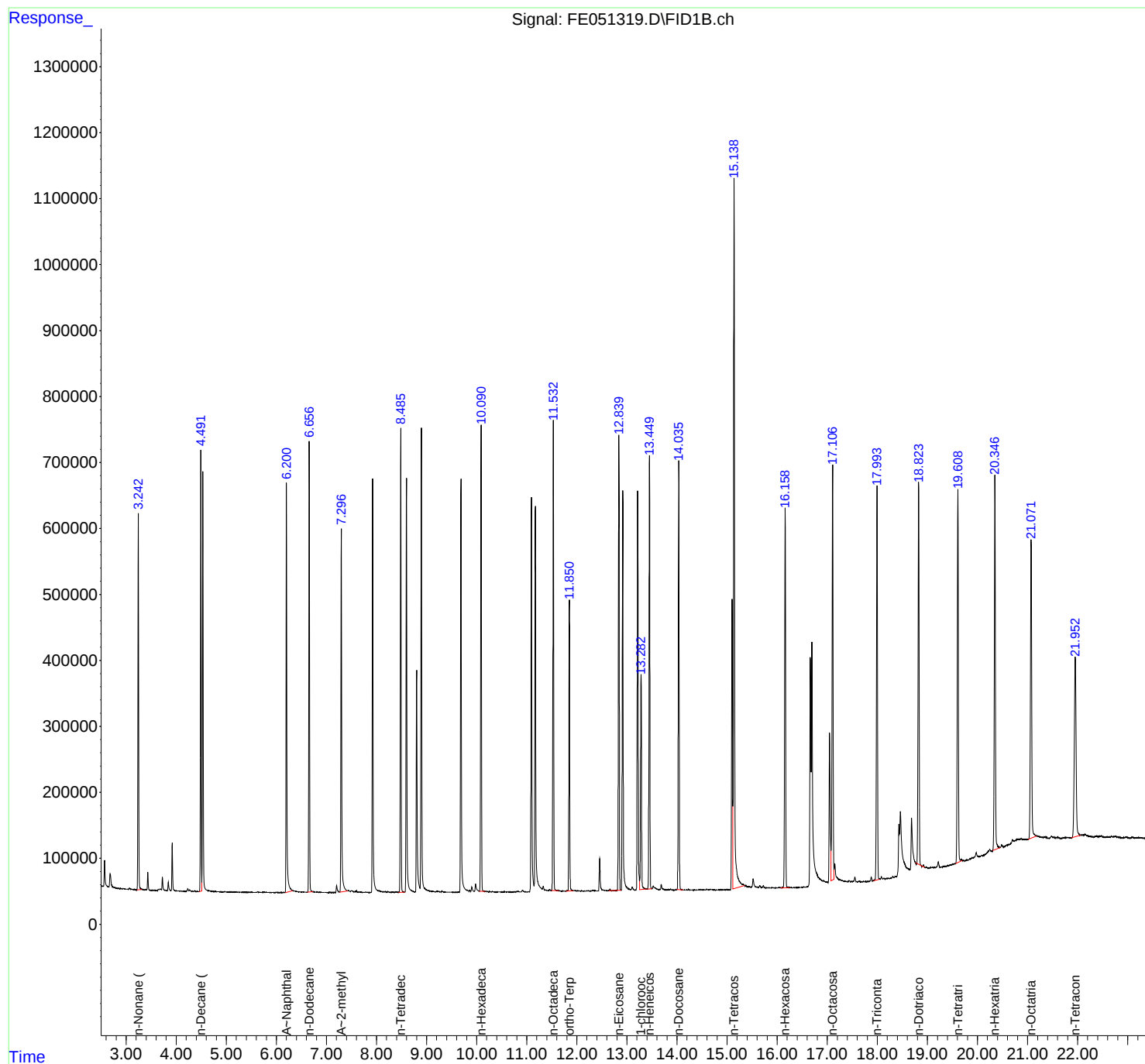
Response via : Initial Calibration

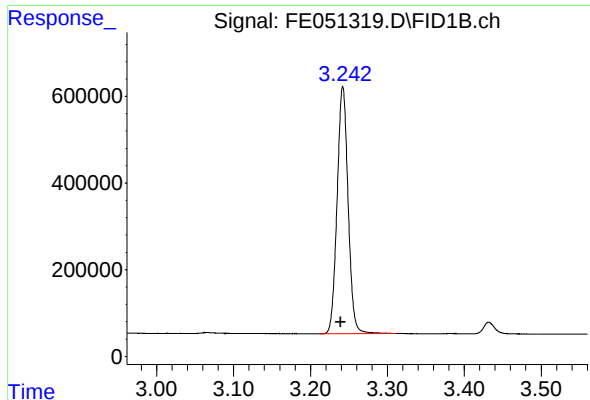
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.242 min
Delta R.T.: 0.003 min
Response: 5665713
Conc: 40.95 ug/ml

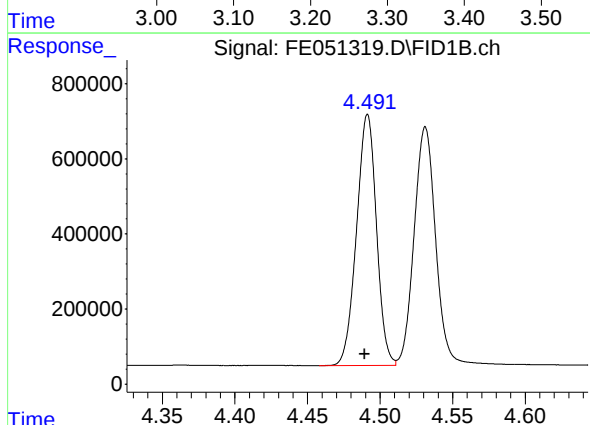
Instrument :

FID_E

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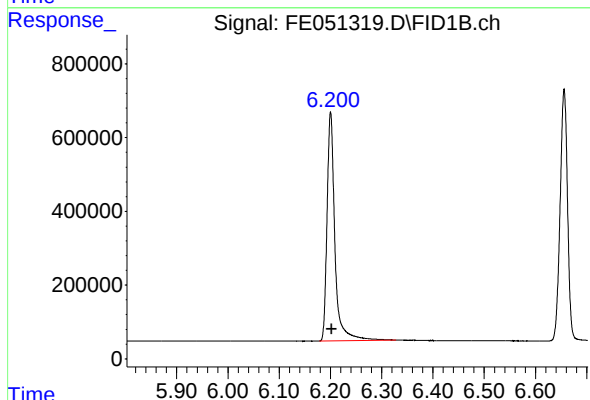
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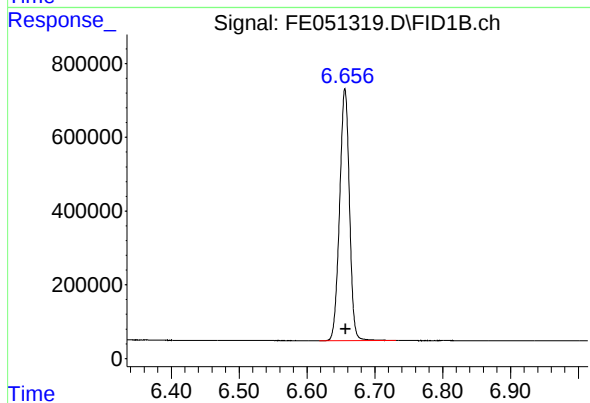
#2 n-Decane (C10)

R.T.: 4.491 min
Delta R.T.: 0.002 min
Response: 6385595
Conc: 45.55 ug/ml



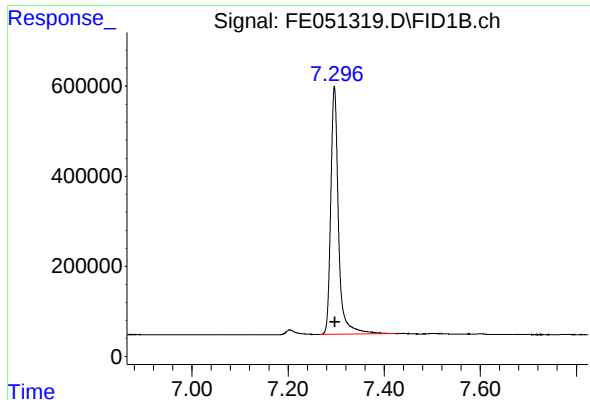
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.002 min
Response: 6614836
Conc: 50.17 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.656 min
Delta R.T.: -0.001 min
Response: 6873579
Conc: 48.68 ug/ml



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

R.T.: 7.296 min
Delta R.T.: -0.002 min
Response: 6195828
Conc: 49.53 ug/ml

Instrument :

FID_E

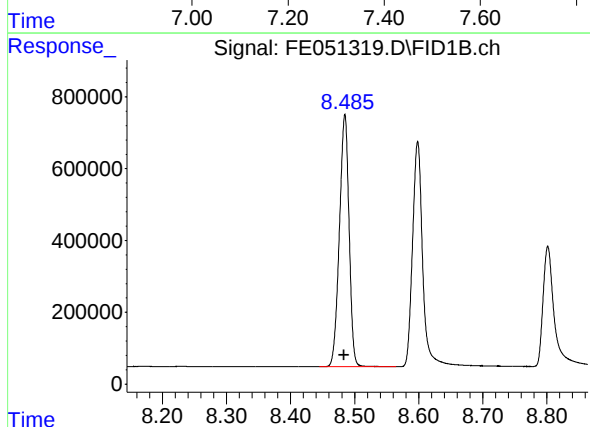
ClientSampleId :

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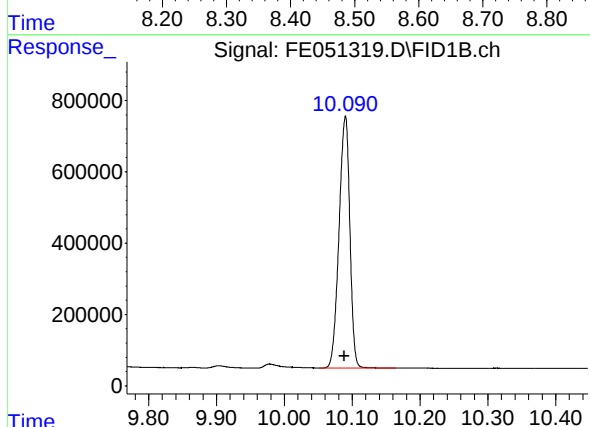
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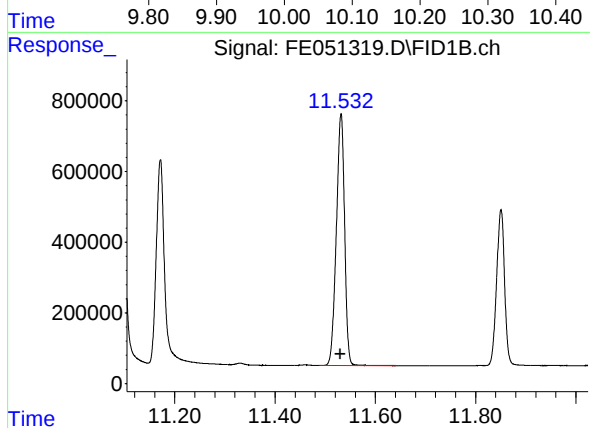
#6 n-Tetradecane (C14)

R.T.: 8.485 min
Delta R.T.: 0.001 min
Response: 7318174
Conc: 52.51 ug/ml



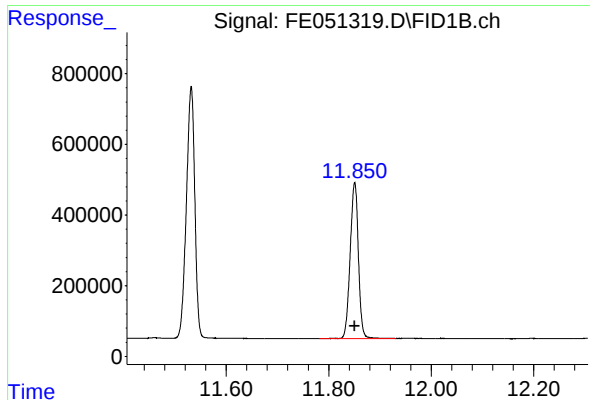
#7 n-Hexadecane (C16)

R.T.: 10.089 min
Delta R.T.: 0.000 min
Response: 7827701
Conc: 55.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.531 min
Delta R.T.: 0.001 min
Response: 8142876
Conc: 57.02 ug/ml



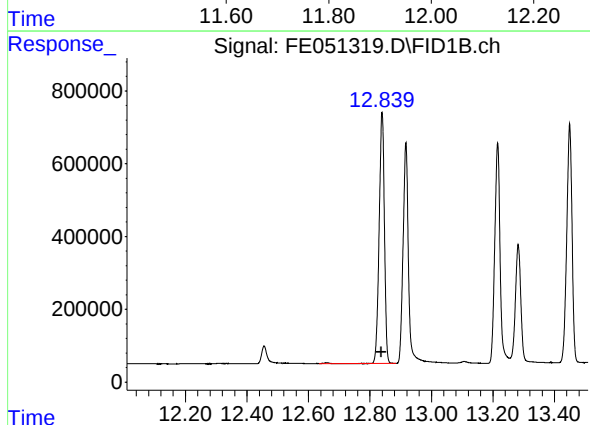
#9 ortho-Terphenyl (SURR)

R.T.: 11.850 min
Delta R.T.: 0.000 min
Response: 4920158
Conc: 32.78 ug/ml

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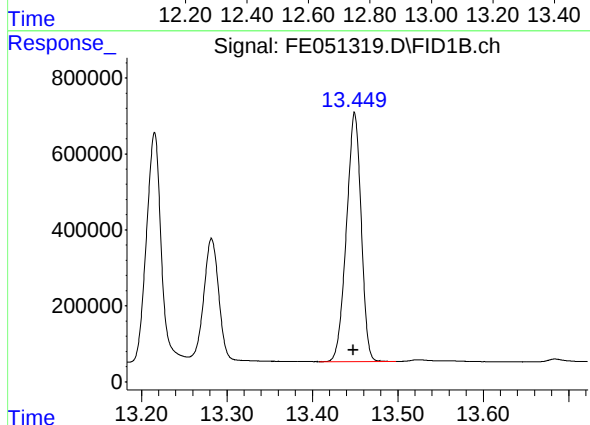
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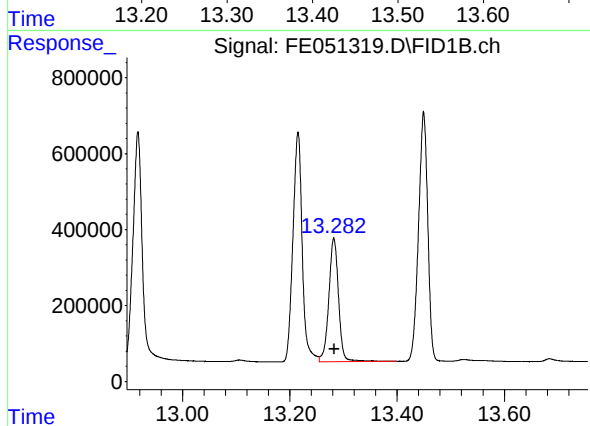
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: 0.002 min
Response: 8184977
Conc: 59.81 ug/ml



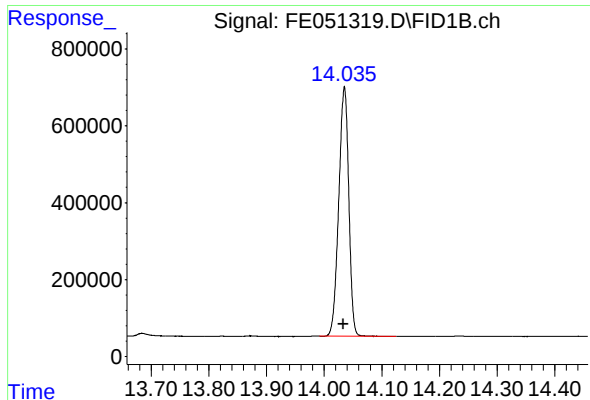
#11 n-Heneicosane (C21)

R.T.: 13.449 min
Delta R.T.: 0.001 min
Response: 7829814
Conc: 58.59 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.001 min
Response: 4083102
Conc: 35.96 ug/ml



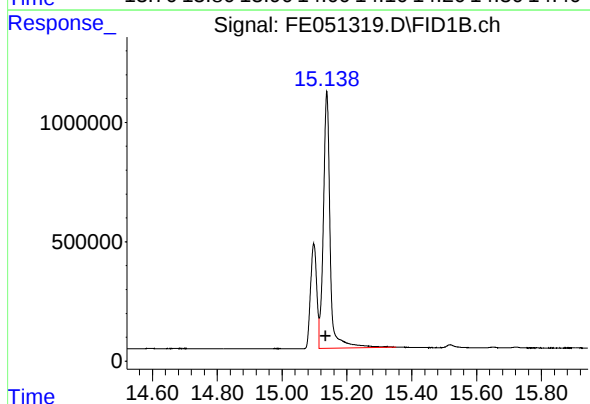
#13 n-Docosane (C22)

R.T.: 14.035 min
Delta R.T.: 0.001 min
Response: 7848923
Conc: 59.04 ug/ml

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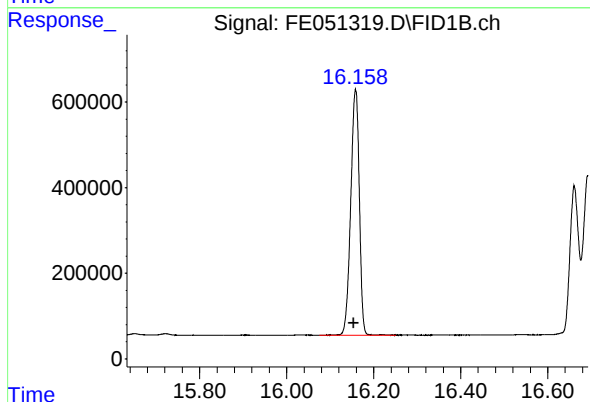
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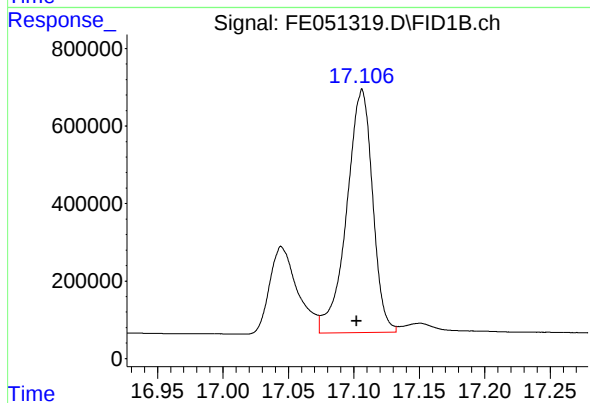
#14 n-Tetracosane (C24)

R.T.: 15.138 min
Delta R.T.: 0.003 min
Response: 15528961
Conc: 117.06 ug/ml



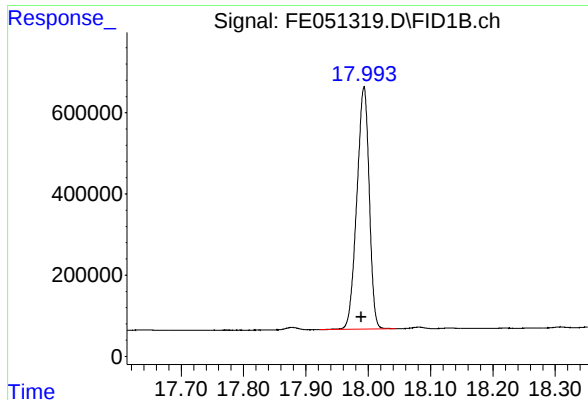
#15 n-Hexacosane (C26)

R.T.: 16.158 min
Delta R.T.: 0.004 min
Response: 7851110
Conc: 58.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: 0.004 min
Response: 8648442
Conc: 63.44 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.992 min
Delta R.T.: 0.003 min
Response: 8229152
Conc: 56.64 ug/ml

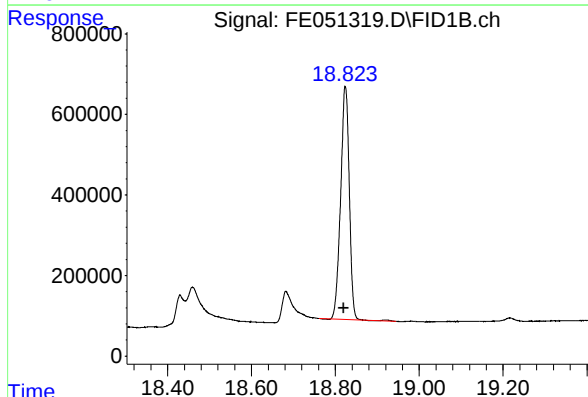
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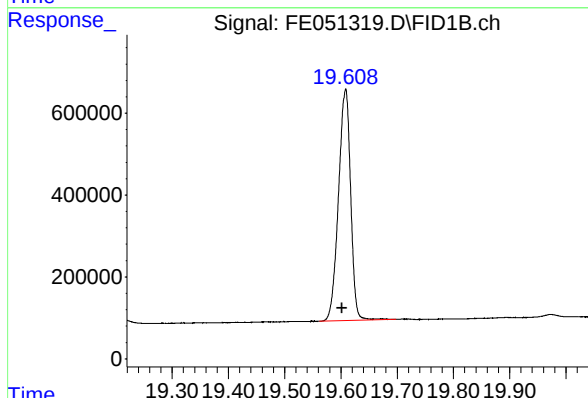
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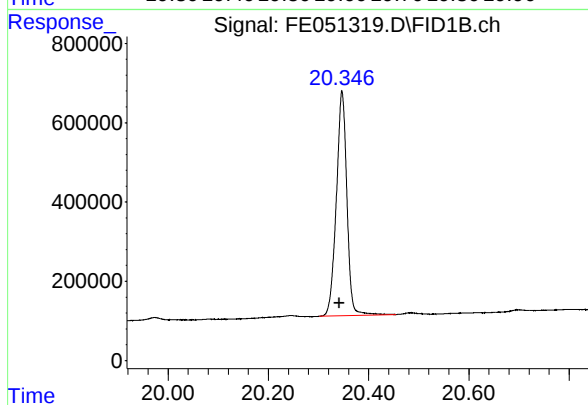
#18 n-Dotriacontane (C32)

R.T.: 18.824 min
Delta R.T.: 0.004 min
Response: 8302728
Conc: 55.92 ug/ml



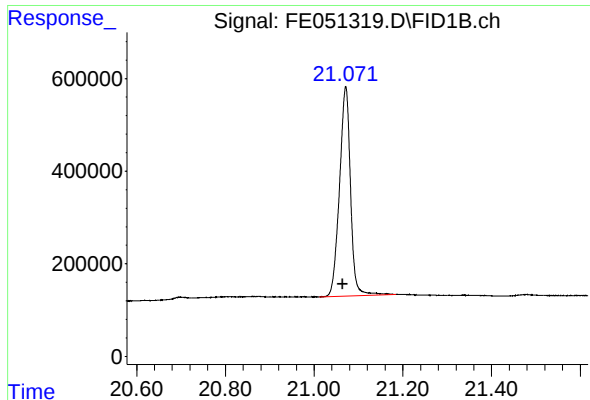
#19 n-Tetratriacontane (C34)

R.T.: 19.607 min
Delta R.T.: 0.005 min
Response: 8488073
Conc: 63.17 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.347 min
Delta R.T.: 0.005 min
Response: 8288340
Conc: 69.46 ug/ml



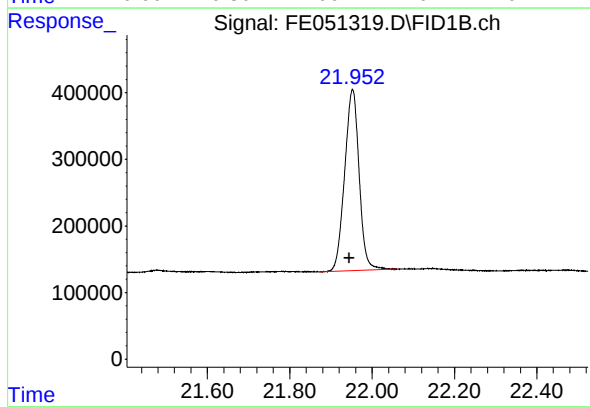
#21 n-Octatriacontane (C38)

R.T.: 21.071 min
Delta R.T.: 0.006 min
Response: 7781543
Conc: 68.37 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.952 min
Delta R.T.: 0.008 min
Response: 6626047
Conc: 59.58 ug/ml