

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE111723AL\
 Data File : FE045426.D
 Signal(s) : FID1B.ch
 Acq On : 17 Nov 2023 15:06
 Operator : YP\AJ
 Sample : 05446-01MS
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 JC-03-111523AMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/20/2023
 Supervised By :Ankita Jodhani 11/20/2023

Integration File: autoint1.e
 Quant Time: Nov 17 21:34:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110423.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 04 05:16:05 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)	11.873	4822475	25.258 ug/ml
Spiked Amount 50.000		Recovery =	50.52%
12) S 1-chlorooctadecane (S...	13.306	11584210	84.103 ug/ml
Spiked Amount 50.000		Recovery =	168.21%
Target Compounds			
1) T n-Nonane (C9)	3.264	4624955	27.996 ug/ml
2) T n-Decane (C10)	4.514	5203977	31.035 ug/ml
3) T A~Naphthalene (C11.7)	6.212	6129862	34.341 ug/ml
4) T n-Dodecane (C12)	6.678	5844179	34.604 ug/ml
5) T A~2-methylnaphthalene...	7.307	6033397	35.135 ug/ml
6) T n-Tetradecane (C14)	8.506	6674303	40.046 ug/ml
7) T n-Hexadecane (C16)	10.116	6804624	40.455 ug/ml
8) T n-Octadecane (C18)	11.561	6859708	40.985 ug/ml
10) T n-Eicosane (C20)	12.873	6633890	41.878 ug/ml
11) T n-Heneicosane (C21)	13.486	6760086	43.966 ug/ml
13) T n-Docosane (C22)	14.072	6072680	40.080 ug/ml
14) T n-Tetracosane (C24)	15.154	12112157	81.778 ug/mlm
15) T n-Hexacosane (C26)	16.201	5721830	39.256 ug/ml
16) T n-Octacosane (C28)	17.151	5844621	39.996 ug/ml
17) T n-Tricontane (C30)	18.042	5778426	38.041 ug/ml
18) T n-Dotriacontane (C32)	18.877	6062588	38.808 ug/ml
19) T n-Tetratriacontane (C34)	19.661	5878134	37.647 ug/ml
20) T n-Hexatriacontane (C36)	20.403	5798082	35.720 ug/ml
21) T n-Octatriacontane (C38)	21.141	5981477	36.002 ug/ml
22) T n-Tetracontane (C40)	22.051	5770325	33.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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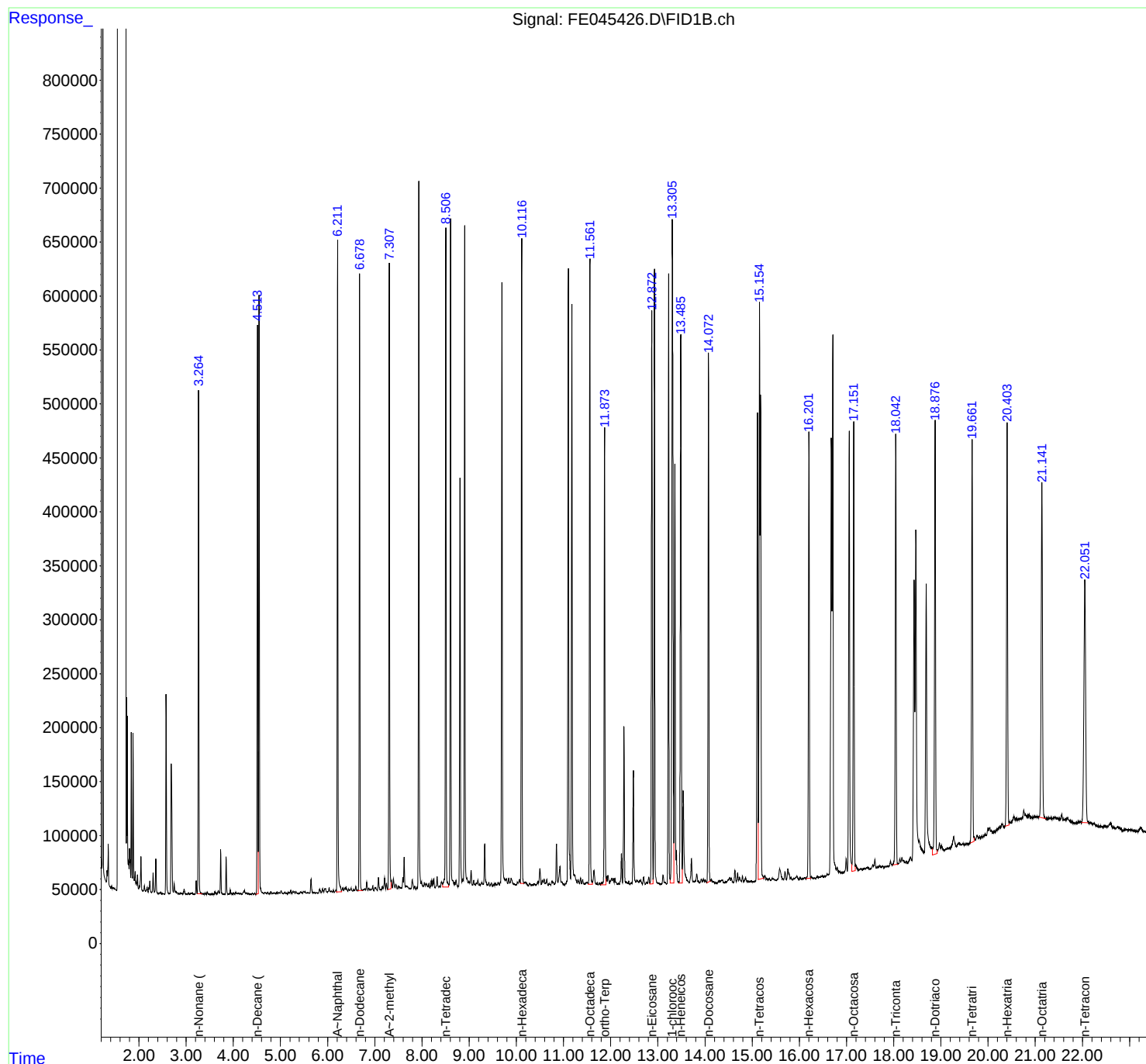
Instrument :
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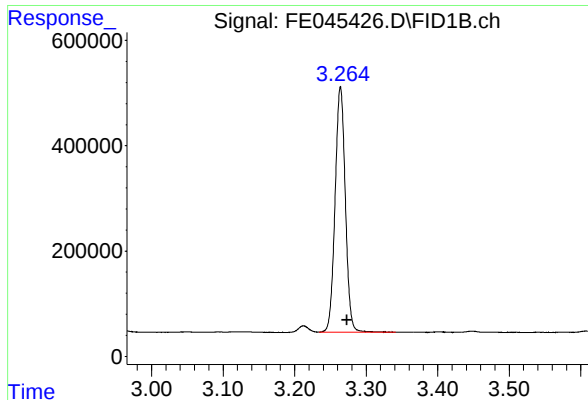
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#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: -0.009 min
Response: 4624955
Conc: 28.00 ug/ml

Instrument :

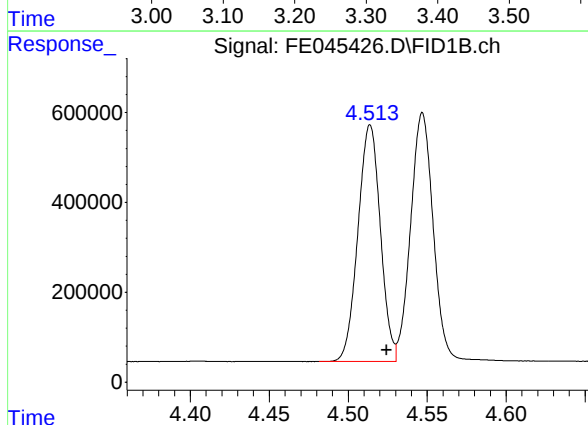
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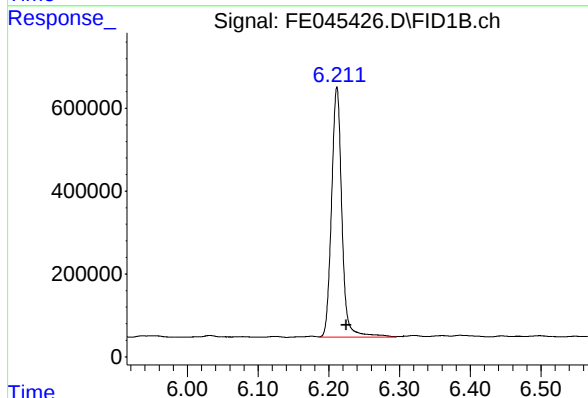
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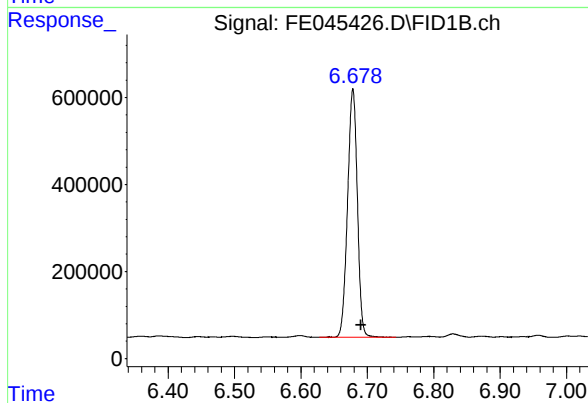
#2 n-Decane (C10)

R.T.: 4.514 min
Delta R.T.: -0.010 min
Response: 5203977
Conc: 31.04 ug/ml



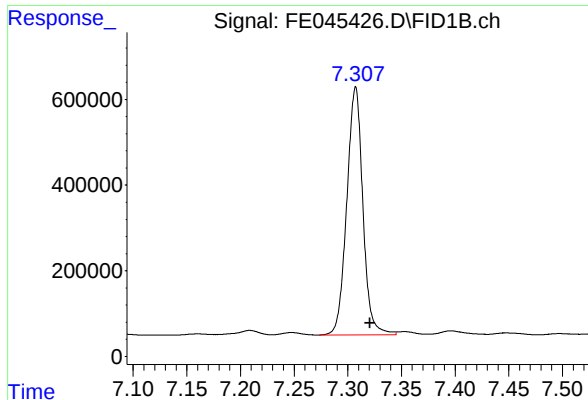
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.013 min
Response: 6129862
Conc: 34.34 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.678 min
Delta R.T.: -0.012 min
Response: 5844179
Conc: 34.60 ug/ml



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

R.T.: 7.307 min
Delta R.T.: -0.013 min
Response: 6033397
Conc: 35.14 ug/ml

Instrument :

FID_E

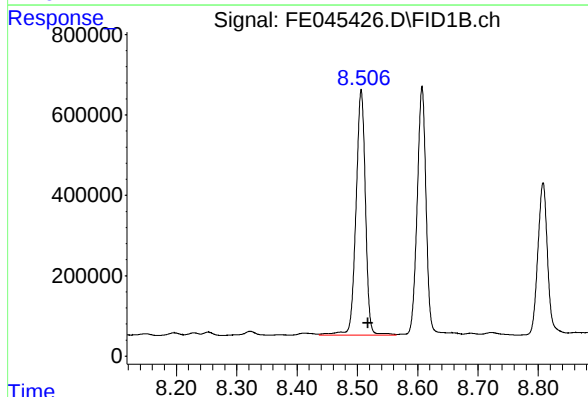
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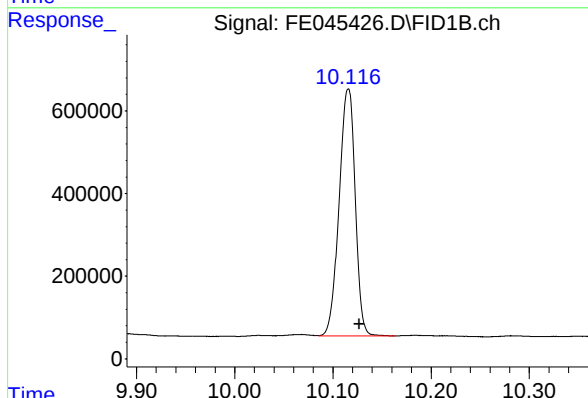
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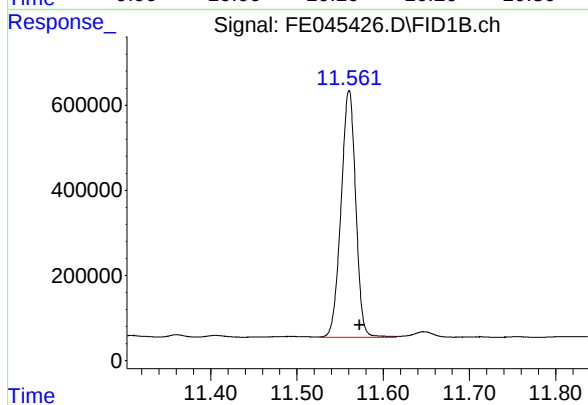
#6 n-Tetradecane (C14)

R.T.: 8.506 min
Delta R.T.: -0.011 min
Response: 6674303
Conc: 40.05 ug/ml



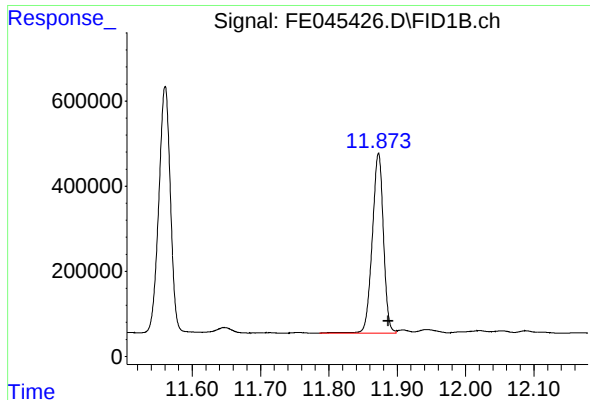
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: -0.011 min
Response: 6804624
Conc: 40.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: -0.012 min
Response: 6859708
Conc: 40.99 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.873 min
Delta R.T.: -0.014 min
Response: 4822475
Conc: 25.26 ug/ml

Instrument :

FID_E

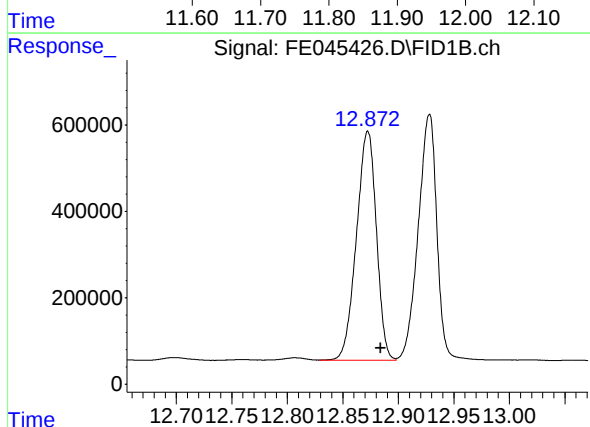
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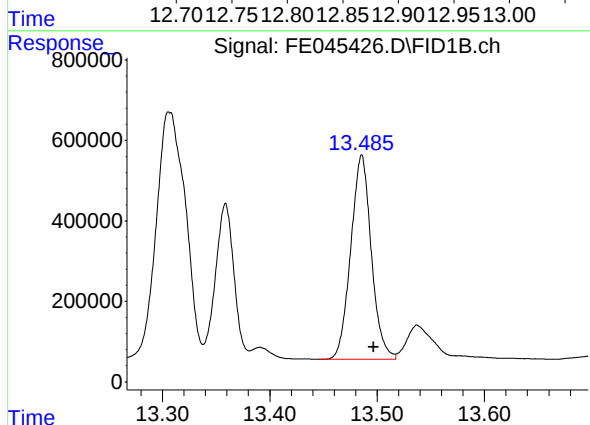
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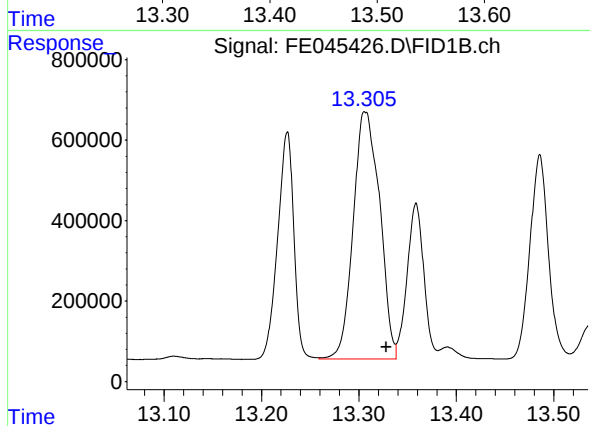
#10 n-Eicosane (C20)

R.T.: 12.873 min
Delta R.T.: -0.011 min
Response: 6633890
Conc: 41.88 ug/ml



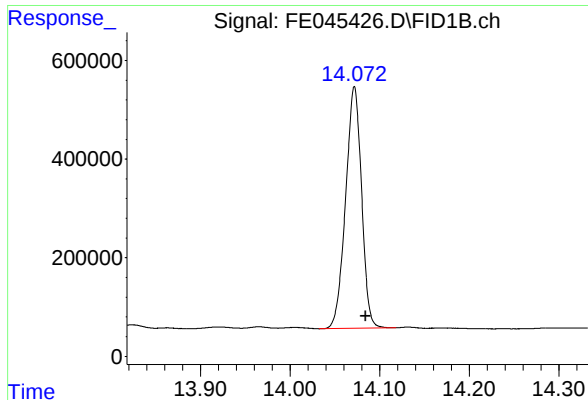
#11 n-Heneicosane (C21)

R.T.: 13.486 min
Delta R.T.: -0.011 min
Response: 6760086
Conc: 43.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.306 min
Delta R.T.: -0.022 min
Response: 11584210
Conc: 84.10 ug/ml



#13 n-Docosane (C22)

R.T.: 14.072 min
Delta R.T.: -0.012 min
Response: 6072680
Conc: 40.08 ug/ml

Instrument :

FID_E

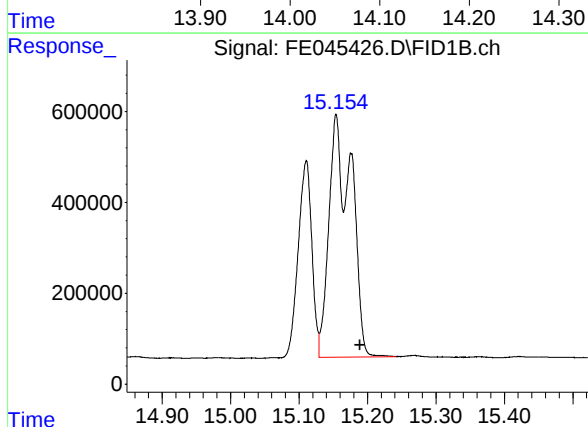
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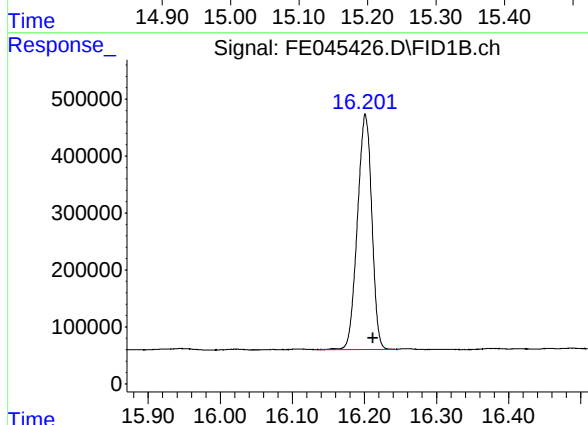
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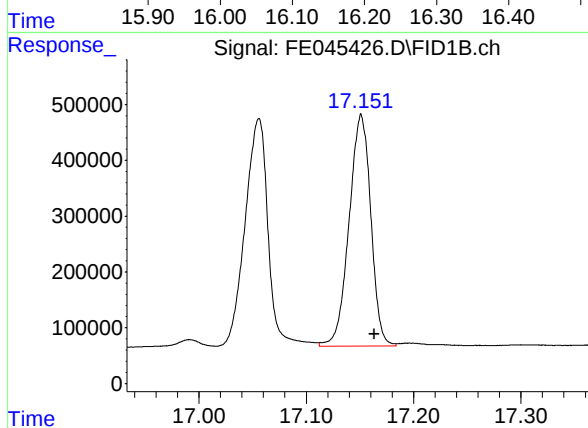
#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: -0.035 min
Response: 12112157
Conc: 81.78 ug/ml m



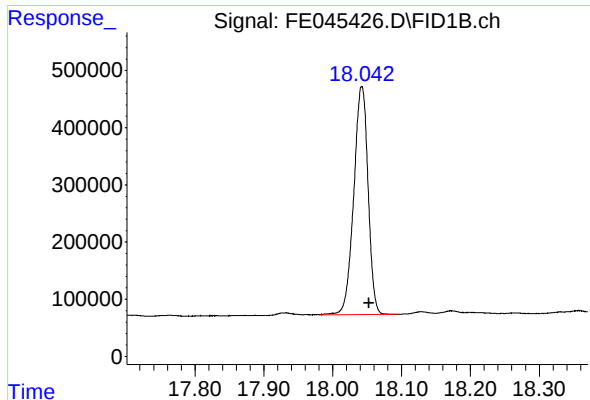
#15 n-Hexacosane (C26)

R.T.: 16.201 min
Delta R.T.: -0.010 min
Response: 5721830
Conc: 39.26 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: -0.012 min
Response: 5844621
Conc: 40.00 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.010 min
Response: 5778426
Conc: 38.04 ug/ml

Instrument :

FID_E

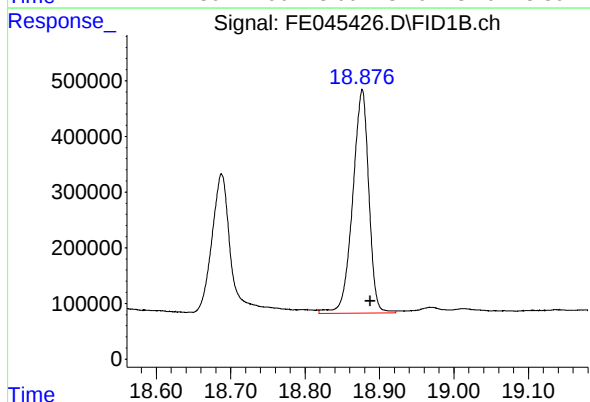
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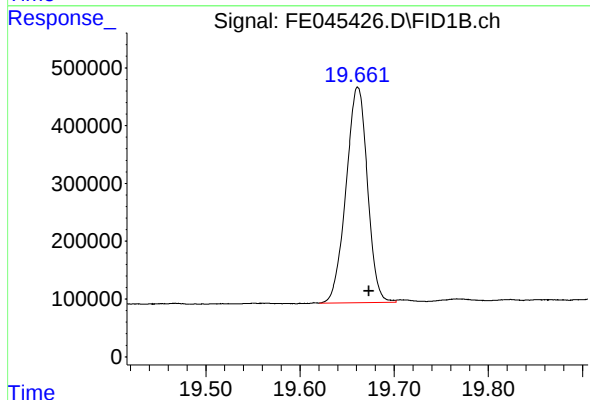
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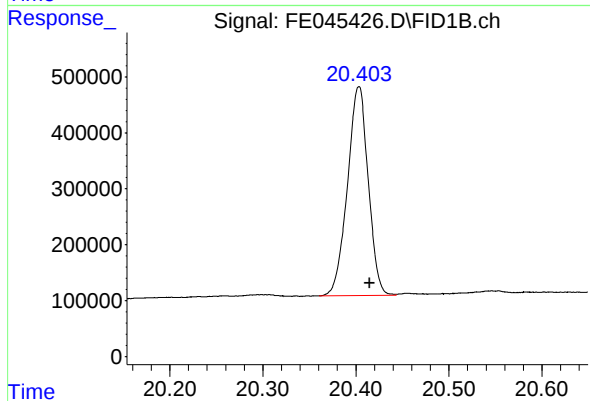
#18 n-Dotriacontane (C32)

R.T.: 18.877 min
Delta R.T.: -0.011 min
Response: 6062588
Conc: 38.81 ug/ml



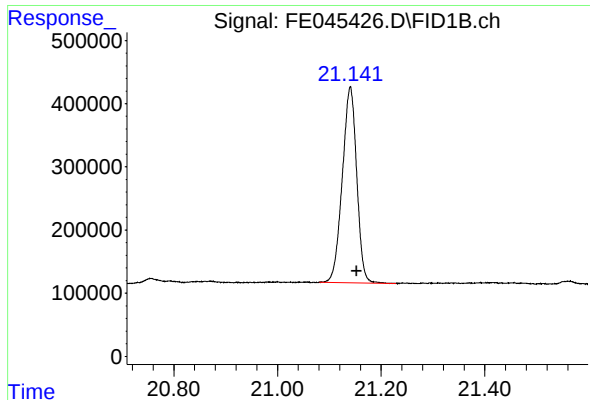
#19 n-Tetratriacontane (C34)

R.T.: 19.661 min
Delta R.T.: -0.012 min
Response: 5878134
Conc: 37.65 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.403 min
Delta R.T.: -0.012 min
Response: 5798082
Conc: 35.72 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.141 min
Delta R.T.: -0.012 min
Response: 5981477
Conc: 36.00 ug/ml

Instrument :

FID_E

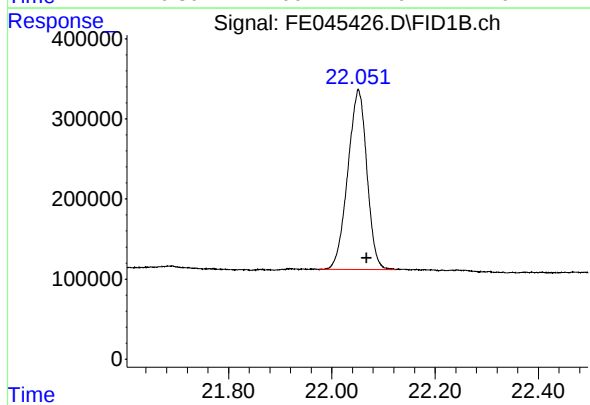
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#22 n-Tetracontane (C40)

R.T.: 22.051 min
Delta R.T.: -0.016 min
Response: 5770325
Conc: 33.78 ug/ml