

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049823.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 17:24
 Operator : YP\AJ
 Sample : PB163063BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB163063BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/03/2024
 Supervised By :Ankita Jodhani 09/03/2024

Integration File: autoint1.e
 Quant Time: Aug 31 01:30:25 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 14 11:05:17 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			
12) S 1-chlorooctadecane (S...	13.316	3349527	27.454 ug/mlm
Spiked Amount 50.000		Recovery =	54.91%
Target Compounds			
1) T n-Nonane (C9)	3.271	3568370	23.058 ug/ml
2) T n-Decane (C10)	4.521	4436522	28.099 ug/mlm
4) T n-Dodecane (C12)	6.688	4884450	31.070 ug/ml
6) T n-Tetradecane (C14)	8.516	5320176	34.462 ug/ml
7) T n-Hexadecane (C16)	10.122	5772766	36.962 ug/ml
8) T n-Octadecane (C18)	11.563	6092658	38.794 ug/ml
10) T n-Eicosane (C20)	12.872	6396779	42.843 ug/ml
11) T n-Heneicosane (C21)	13.483	6281598	42.820 ug/ml
13) T n-Docosane (C22)	14.069	6279565	43.084 ug/ml
14) T n-Tetracosane (C24)	15.170	6272517	43.120 ug/ml
15) T n-Hexacosane (C26)	16.189	6182866	42.840 ug/ml
16) T n-Octacosane (C28)	17.139	6221685	43.194 ug/ml
17) T n-Tricontane (C30)	18.026	6379795	42.616 ug/ml
18) T n-Dotriacontane (C32)	18.857	6567347	43.411 ug/ml
19) T n-Tetratriacontane (C34)	19.640	6748852	44.145 ug/ml
20) T n-Hexatriacontane (C36)	20.378	6763975	44.543 ug/ml
21) T n-Octatriacontane (C38)	21.107	7115116	45.333 ug/ml
22) T n-Tetracontane (C40)	21.997	6908855	45.251 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB163063BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

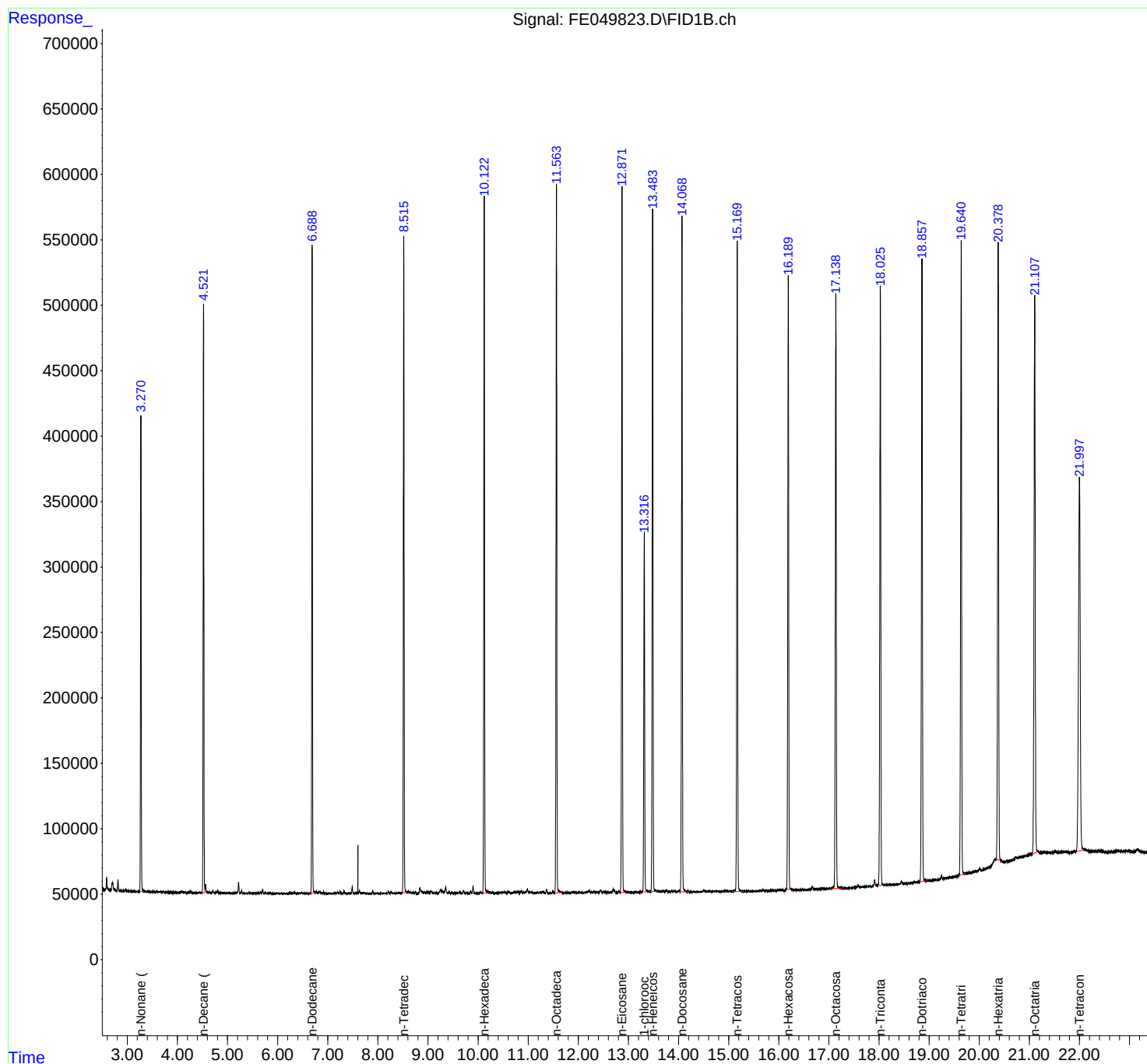
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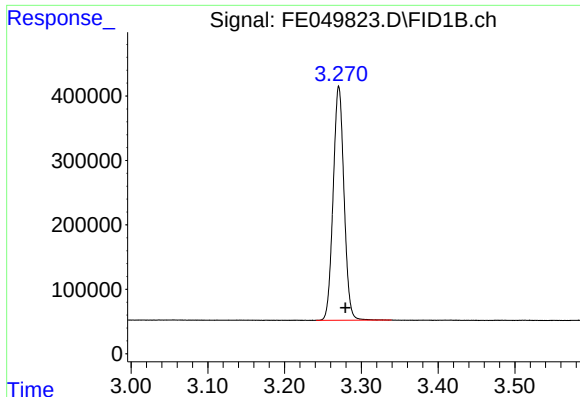
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Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 3568370
Conc: 23.06 ug/ml

Instrument :

FID_E

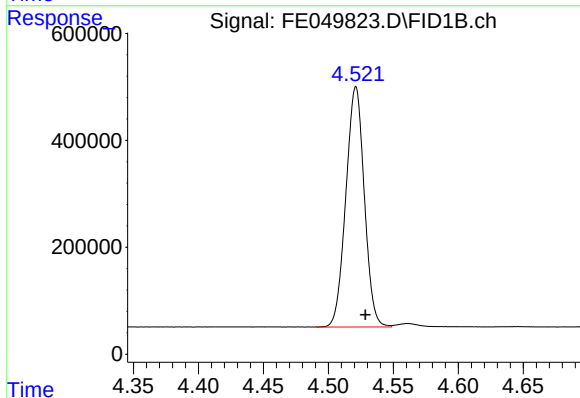
ClientSampleId :

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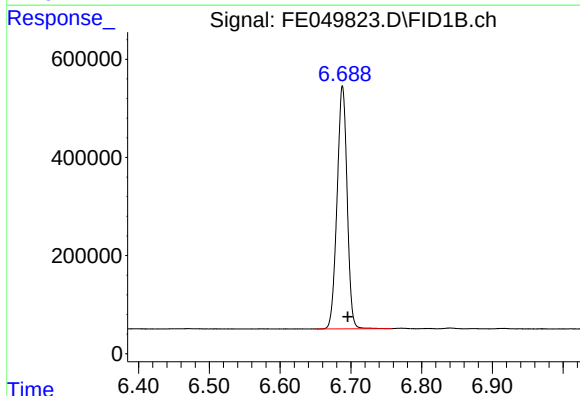
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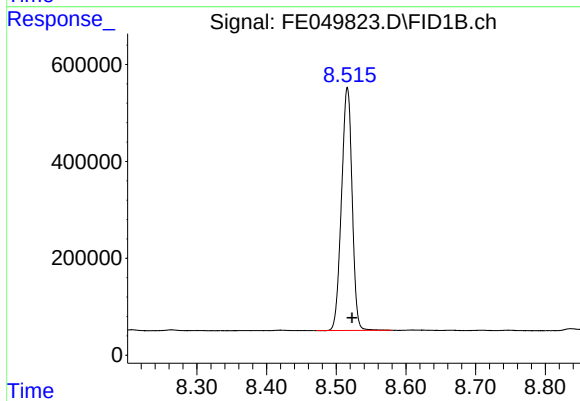
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.008 min
Response: 4436522
Conc: 28.10 ug/ml m



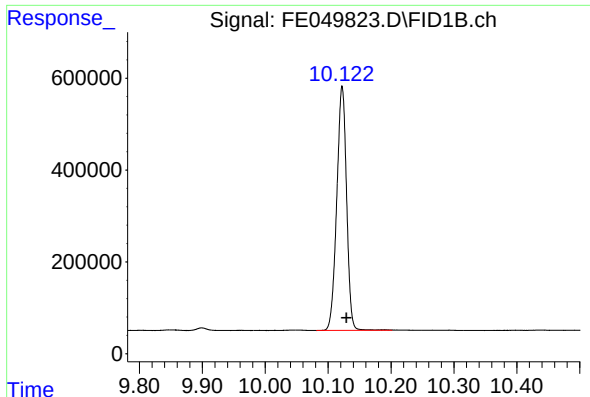
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.008 min
Response: 4884450
Conc: 31.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.007 min
Response: 5320176
Conc: 34.46 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.007 min
Response: 5772766
Conc: 36.96 ug/ml

Instrument :

FID_E

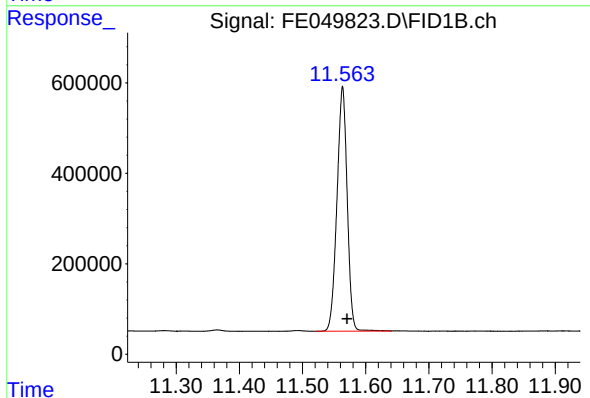
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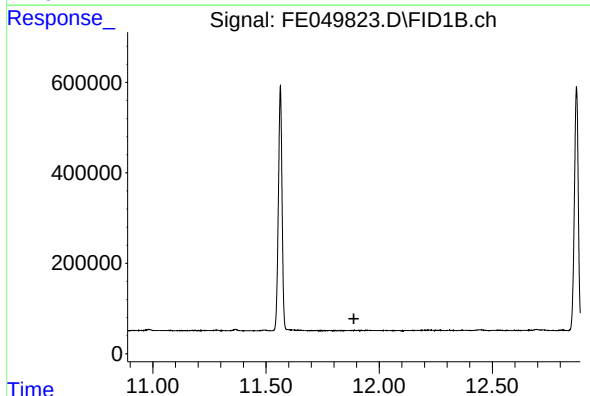
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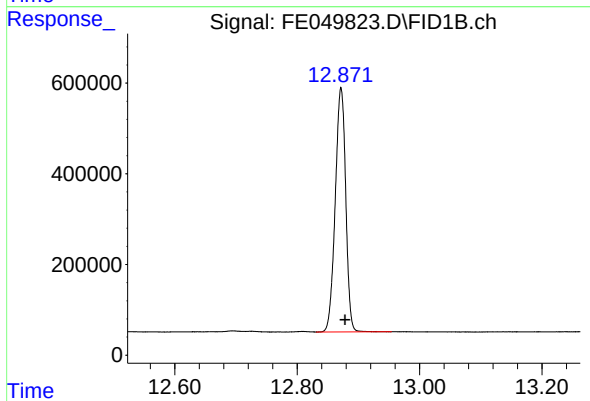
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 6092658
Conc: 38.79 ug/ml



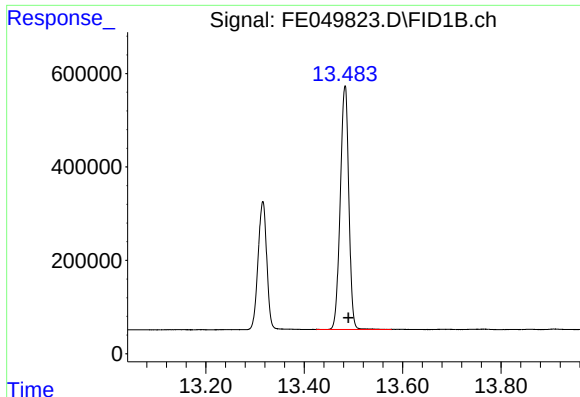
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.888 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.872 min
Delta R.T.: -0.007 min
Response: 6396779
Conc: 42.84 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.483 min
Delta R.T.: -0.007 min
Response: 6281598
Conc: 42.82 ug/ml

Instrument :

FID_E

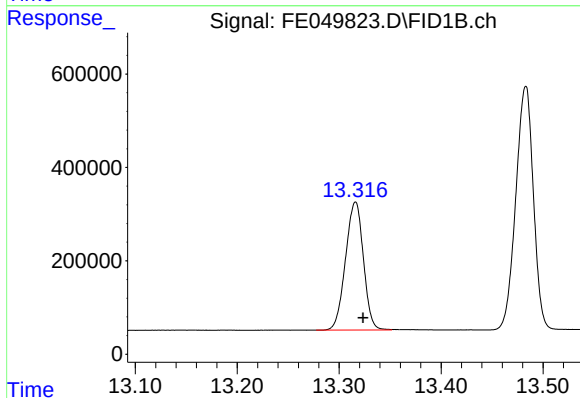
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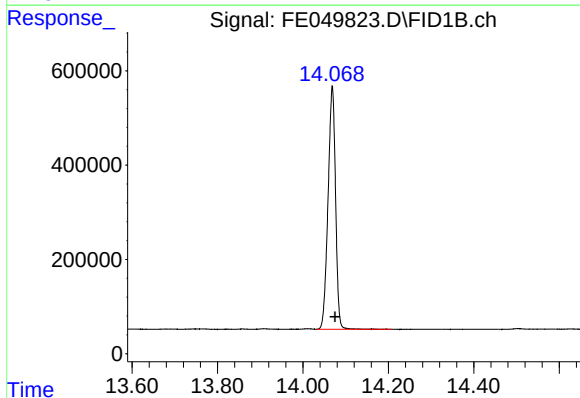
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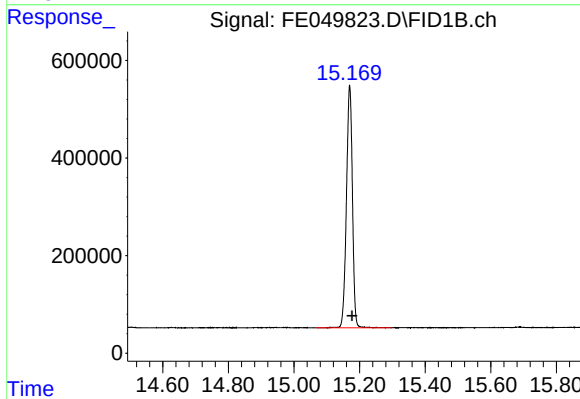
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.008 min
Response: 3349527
Conc: 27.45 ug/ml m



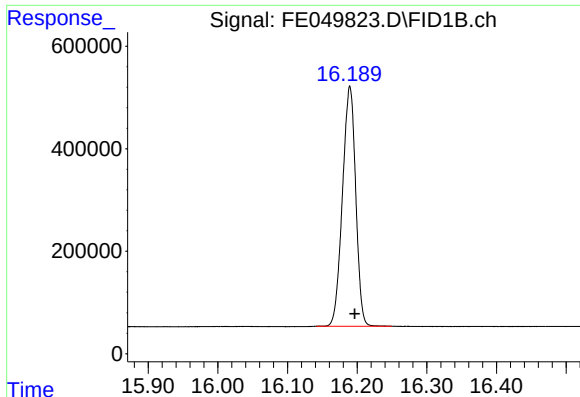
#13 n-Docosane (C22)

R.T.: 14.069 min
Delta R.T.: -0.007 min
Response: 6279565
Conc: 43.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.170 min
Delta R.T.: -0.007 min
Response: 6272517
Conc: 43.12 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 6182866
Conc: 42.84 ug/ml

Instrument :

FID_E

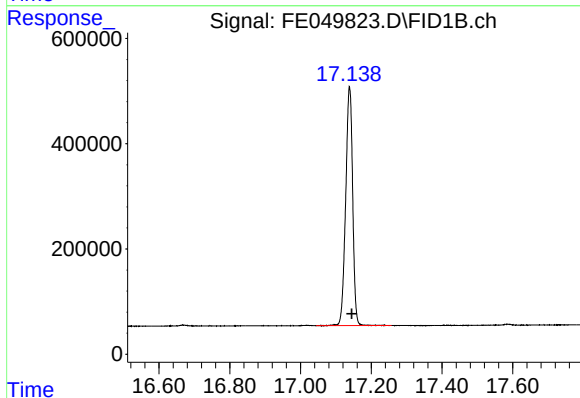
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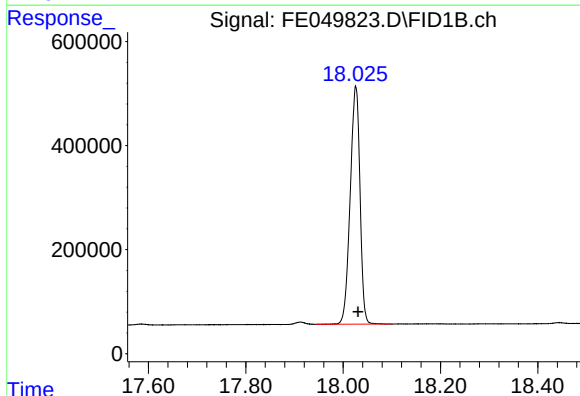
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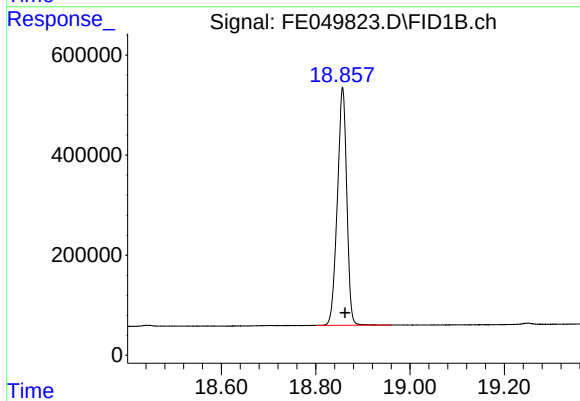
#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: -0.006 min
Response: 6221685
Conc: 43.19 ug/ml



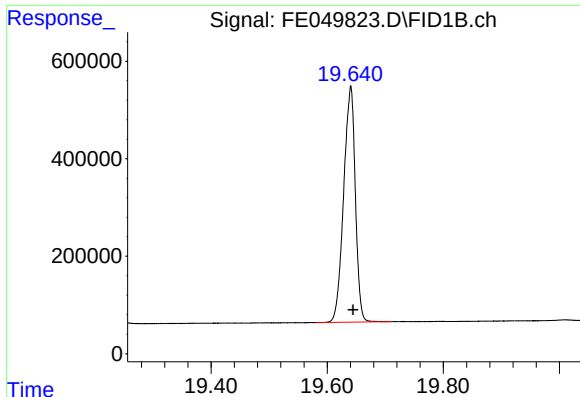
#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: -0.005 min
Response: 6379795
Conc: 42.62 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.857 min
Delta R.T.: -0.005 min
Response: 6567347
Conc: 43.41 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.004 min
Response: 6748852
Conc: 44.14 ug/ml

Instrument :

FID_E

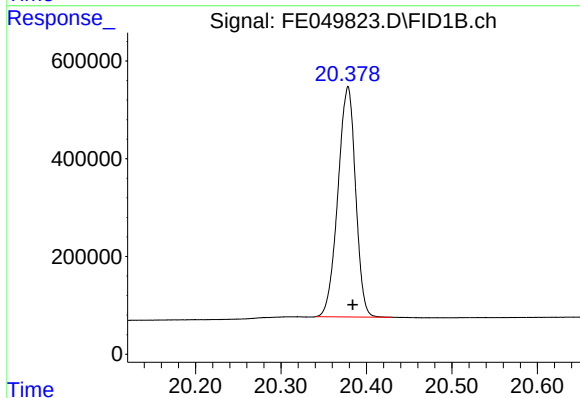
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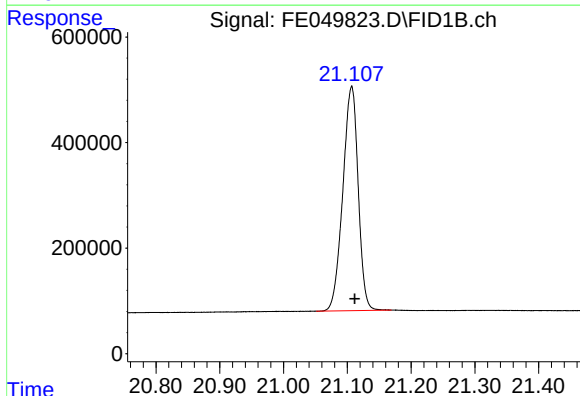
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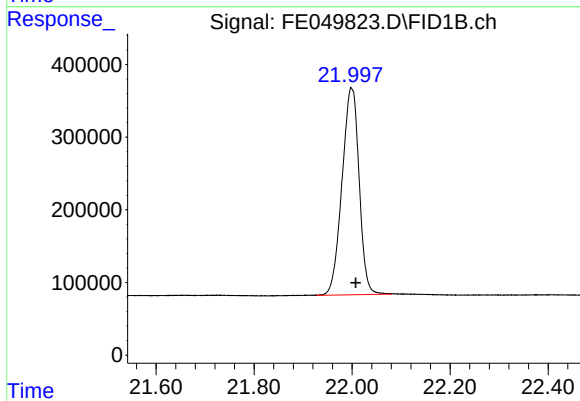
#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.006 min
Response: 6763975
Conc: 44.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.005 min
Response: 7115116
Conc: 45.33 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.010 min
Response: 6908855
Conc: 45.25 ug/ml m