

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049827.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 19:56
 Operator : YP\AJ
 Sample : P3732-03MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 UI-3MS

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 01:30:53 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	3490058	28.606 ug/ml
Spiked Amount 50.000		Recovery =	57.21%
Target Compounds			
1) T n-Nonane (C9)	3.271	2855931	18.455 ug/ml
2) T n-Decane (C10)	4.521	3605648	22.836 ug/mlm
4) T n-Dodecane (C12)	6.689	4542114	28.892 ug/ml
6) T n-Tetradecane (C14)	8.516	5008670	32.444 ug/ml
7) T n-Hexadecane (C16)	10.122	5165987	33.077 ug/ml
8) T n-Octadecane (C18)	11.563	5385169	34.289 ug/ml
10) T n-Eicosane (C20)	12.871	5395196	36.135 ug/ml
11) T n-Heneicosane (C21)	13.482	5255255	35.824 ug/ml
13) T n-Docosane (C22)	14.067	5208357	35.734 ug/ml
14) T n-Tetracosane (C24)	15.168	5623672	38.660 ug/ml
15) T n-Hexacosane (C26)	16.187	5075160	35.165 ug/ml
16) T n-Octacosane (C28)	17.136	5189108	36.026 ug/ml
17) T n-Tricontane (C30)	18.022	5232452	34.952 ug/ml
18) T n-Dotriacontane (C32)	18.855	5295719	35.005 ug/ml
19) T n-Tetratriacontane (C34)	19.637	5509907	36.041 ug/ml
20) T n-Hexatriacontane (C36)	20.377	5535469	36.453 ug/ml
21) T n-Octatriacontane (C38)	21.103	5669467	36.122 ug/ml
22) T n-Tetracontane (C40)	21.997	5493941	35.984 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Signal(s) : FID1B.ch
Acq On : 29 Aug 2024 19:56
Operator : YP\AJ
Sample : P3732-03MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

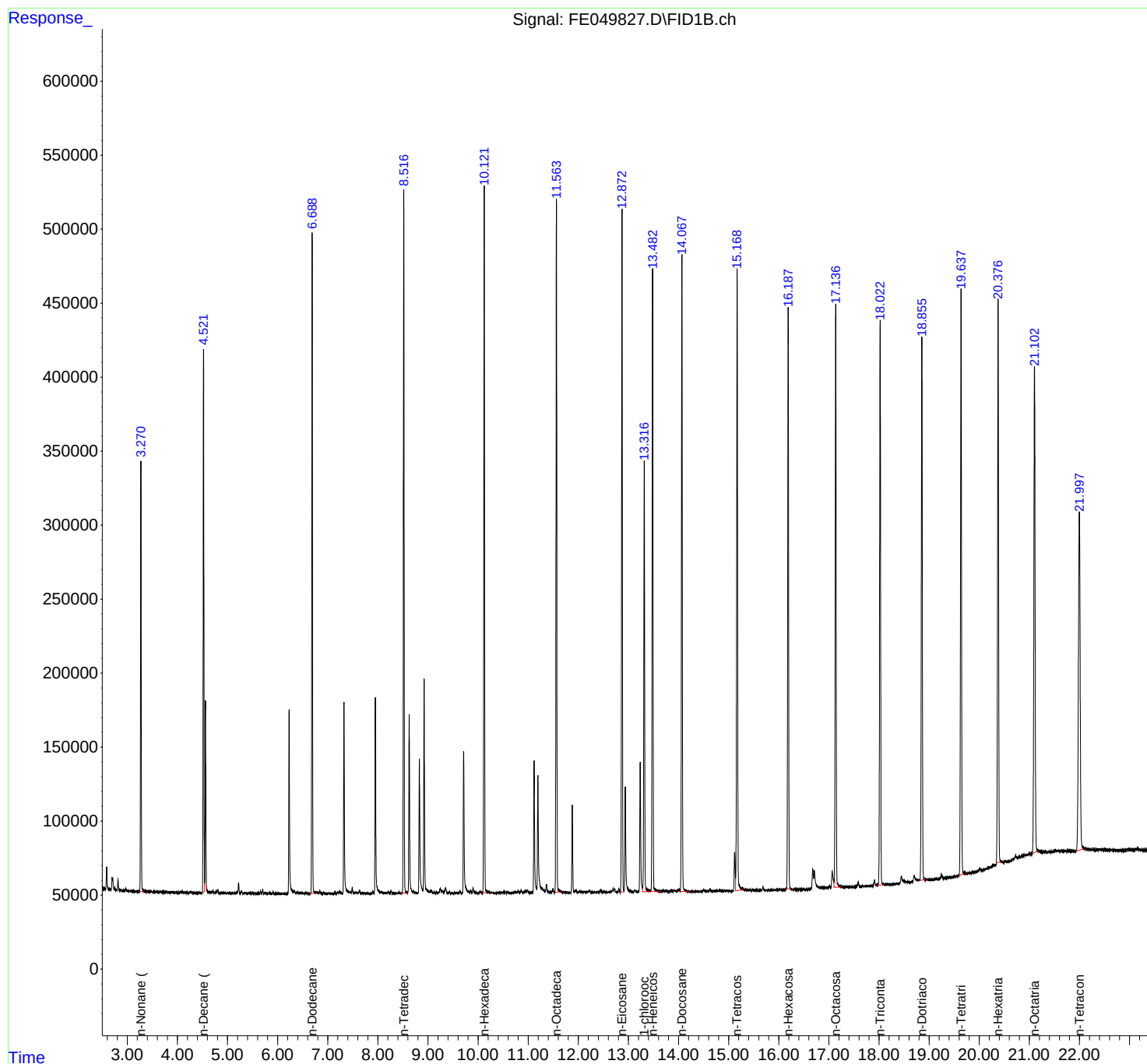
Instrument :
FID_E
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UI-3MS

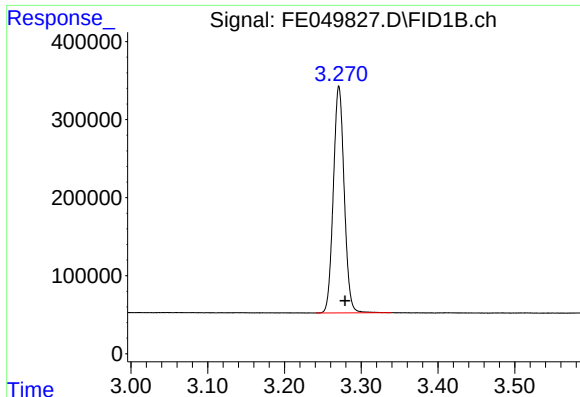
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 2855931
Conc: 18.45 ug/ml

Instrument :

FID_E

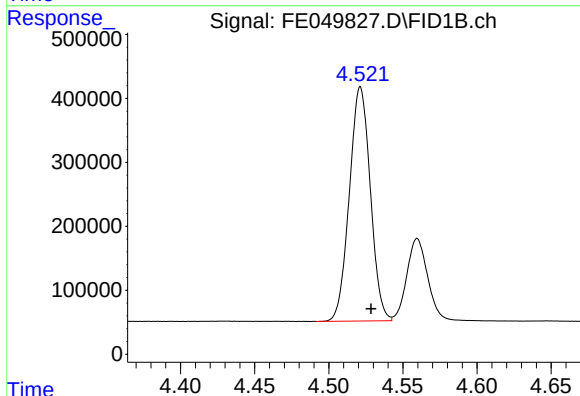
ClientSampleId :

UI-3MS

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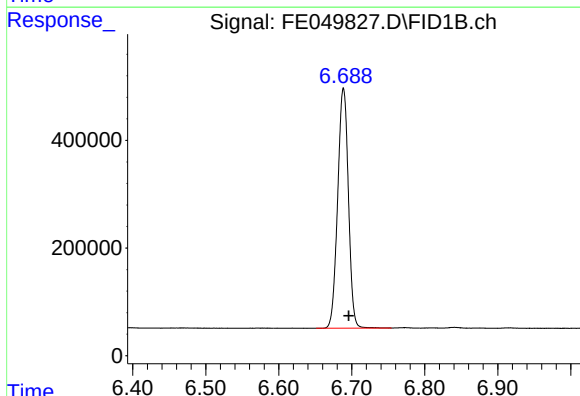
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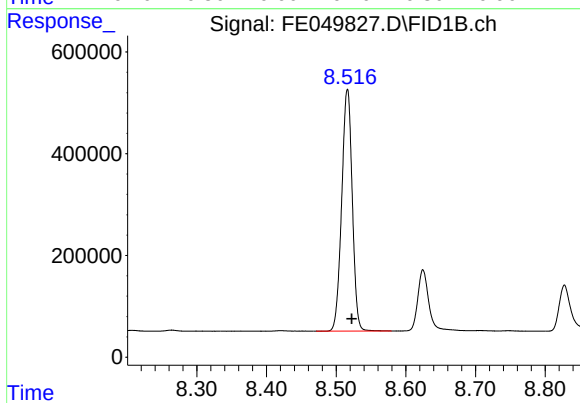
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.008 min
Response: 3605648
Conc: 22.84 ug/ml m



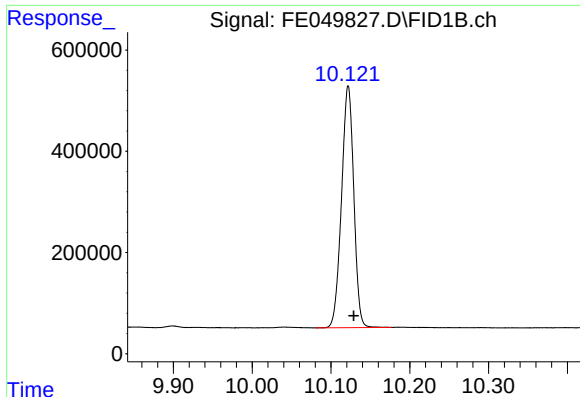
#4 n-Dodecane (C12)

R.T.: 6.689 min
Delta R.T.: -0.007 min
Response: 4542114
Conc: 28.89 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.006 min
Response: 5008670
Conc: 32.44 ug/ml



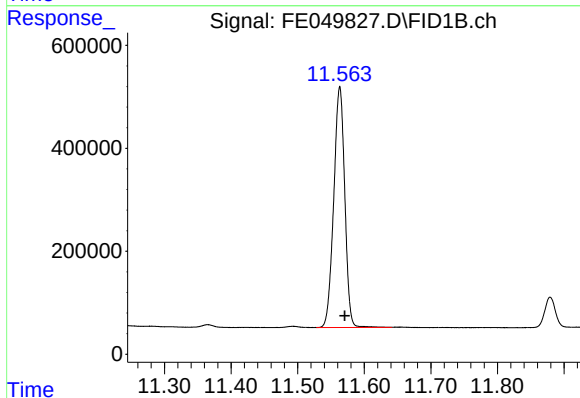
#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.007 min
Response: 5165987
Conc: 33.08 ug/ml

Instrument :
FID_E
ClientSampleId :
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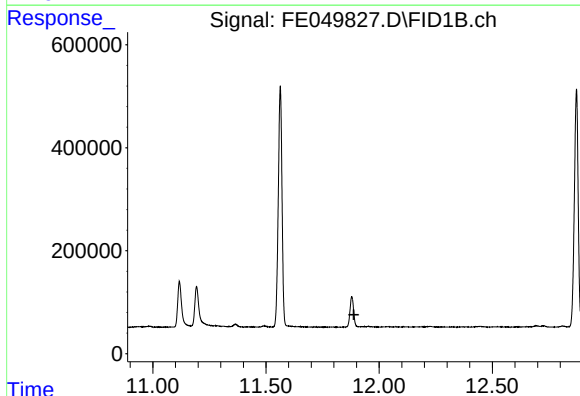
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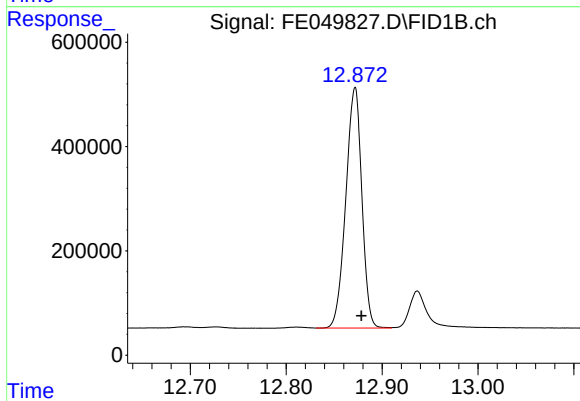
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 5385169
Conc: 34.29 ug/ml



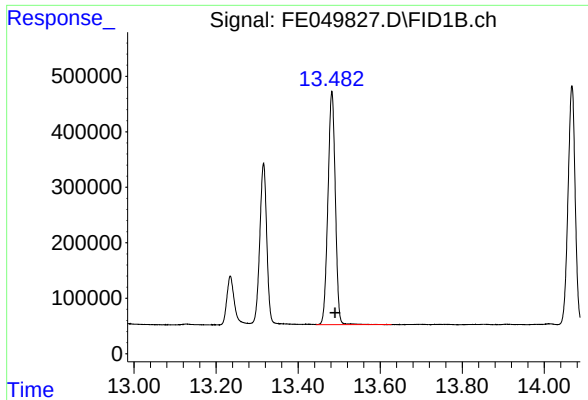
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.871 min
Delta R.T.: -0.007 min
Response: 5395196
Conc: 36.14 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.008 min
Response: 5255255
Conc: 35.82 ug/ml

Instrument :

FID_E

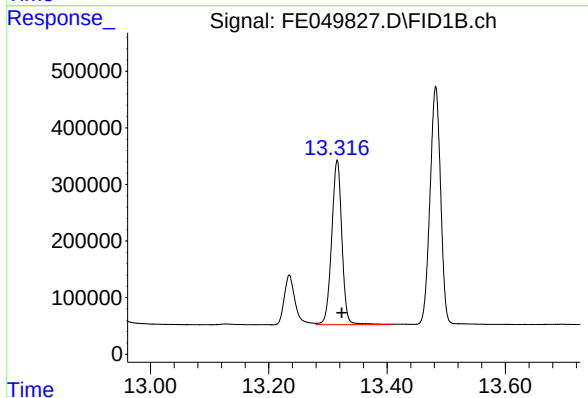
ClientSampleId :

UI-3MS

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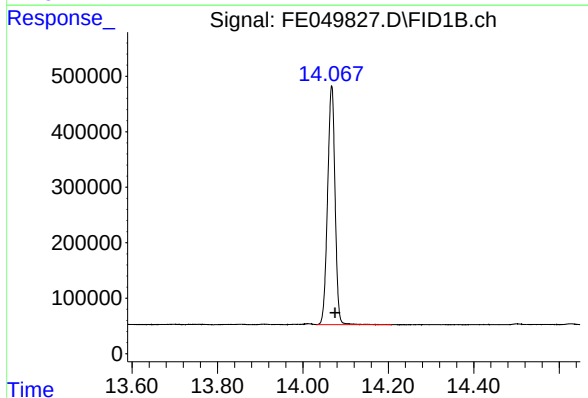
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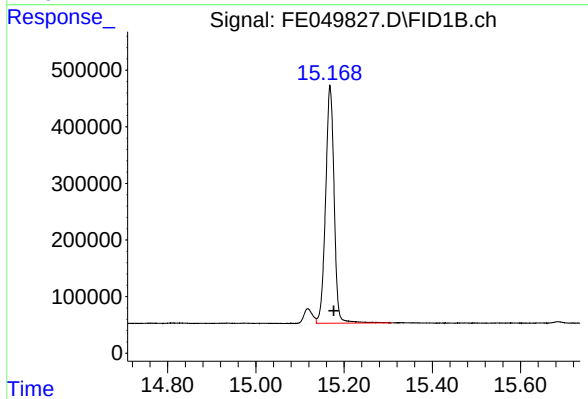
#12 1-chlorooctadecane (SURR)

R.T.: 13.316 min
Delta R.T.: -0.008 min
Response: 3490058
Conc: 28.61 ug/ml



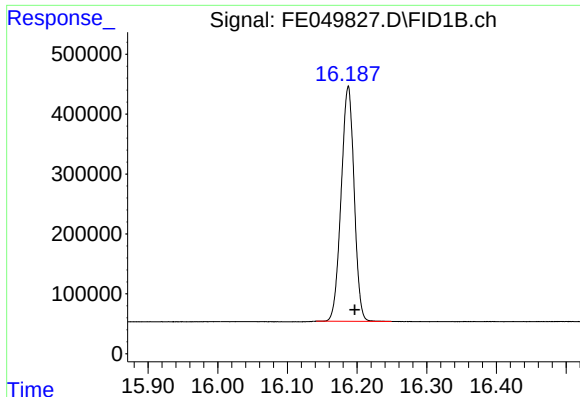
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 5208357
Conc: 35.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.008 min
Response: 5623672
Conc: 38.66 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.187 min
Delta R.T.: -0.009 min
Response: 5075160
Conc: 35.16 ug/ml

Instrument :

FID_E

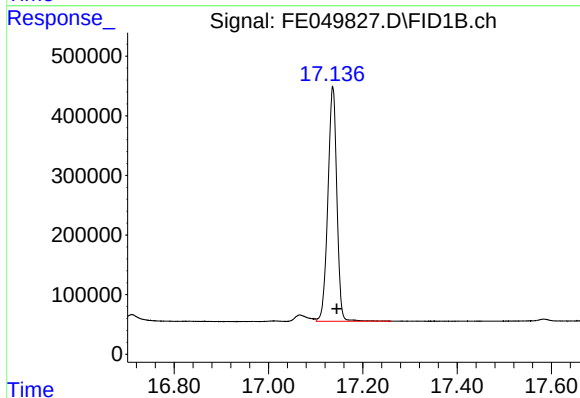
ClientSampleId :

UI-3MS

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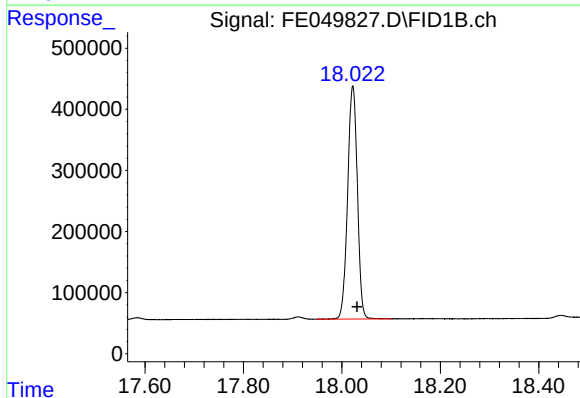
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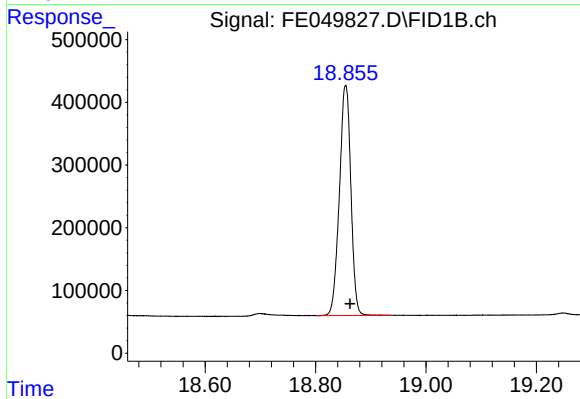
#16 n-Octacosane (C28)

R.T.: 17.136 min
Delta R.T.: -0.009 min
Response: 5189108
Conc: 36.03 ug/ml



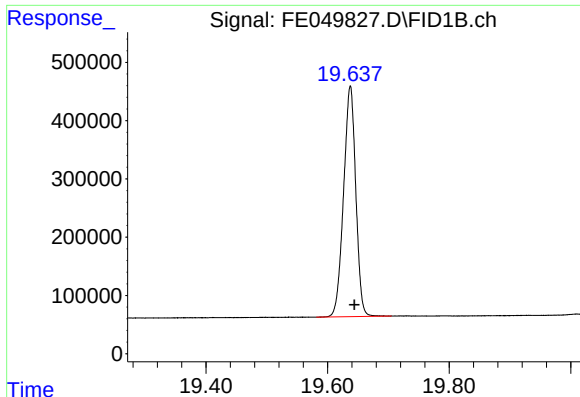
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.009 min
Response: 5232452
Conc: 34.95 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.008 min
Response: 5295719
Conc: 35.01 ug/ml



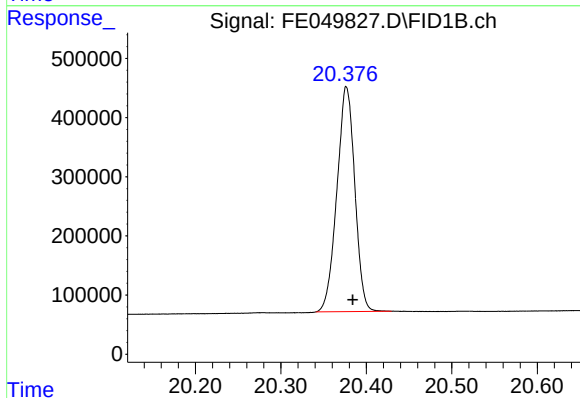
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 5509907
Conc: 36.04 ug/ml

Instrument :
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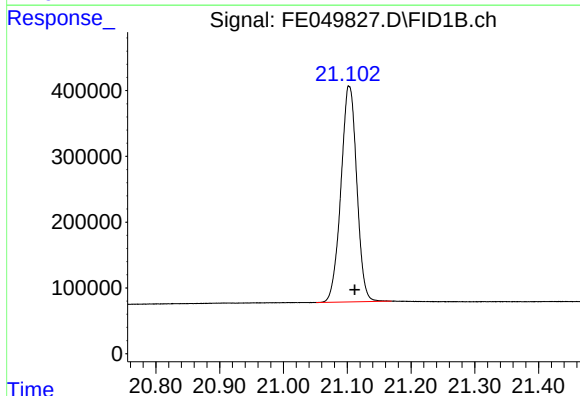
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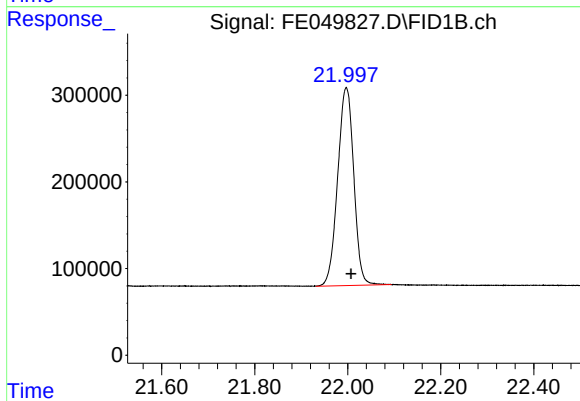
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 5535469
Conc: 36.45 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.008 min
Response: 5669467
Conc: 36.12 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.997 min
Delta R.T.: -0.011 min
Response: 5493941
Conc: 35.98 ug/ml m