

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE083024AL\
 Data File : FE049828.D
 Signal(s) : FID1B.ch
 Acq On : 29 Aug 2024 20:26
 Operator : YP\AJ
 Sample : P3732-03MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

UI-3MSD

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 01:31:02 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...	13.315	3627984	29.736 ug/ml
Spiked Amount 50.000		Recovery =	59.47%
Target Compounds			
1) T n-Nonane (C9)	3.271	2866513	18.523 ug/ml
2) T n-Decane (C10)	4.521	3628960	22.984 ug/mlm
4) T n-Dodecane (C12)	6.688	4554420	28.970 ug/ml
6) T n-Tetradecane (C14)	8.516	5028356	32.571 ug/ml
7) T n-Hexadecane (C16)	10.122	5212855	33.377 ug/ml
8) T n-Octadecane (C18)	11.563	5396889	34.364 ug/ml
10) T n-Eicosane (C20)	12.871	5405805	36.206 ug/ml
11) T n-Heneicosane (C21)	13.482	5263205	35.878 ug/ml
13) T n-Docosane (C22)	14.067	5207847	35.731 ug/ml
14) T n-Tetracosane (C24)	15.168	5622294	38.650 ug/ml
15) T n-Hexacosane (C26)	16.189	5074961	35.163 ug/ml
16) T n-Octacosane (C28)	17.137	5197133	36.081 ug/ml
17) T n-Tricontane (C30)	18.023	5243488	35.026 ug/ml
18) T n-Dotriacontane (C32)	18.855	5293622	34.992 ug/ml
19) T n-Tetratriacontane (C34)	19.637	5519751	36.105 ug/ml
20) T n-Hexatriacontane (C36)	20.377	5475048	36.055 ug/ml
21) T n-Octatriacontane (C38)	21.103	5654986	36.030 ug/ml
22) T n-Tetracontane (C40)	21.996	5513388	36.111 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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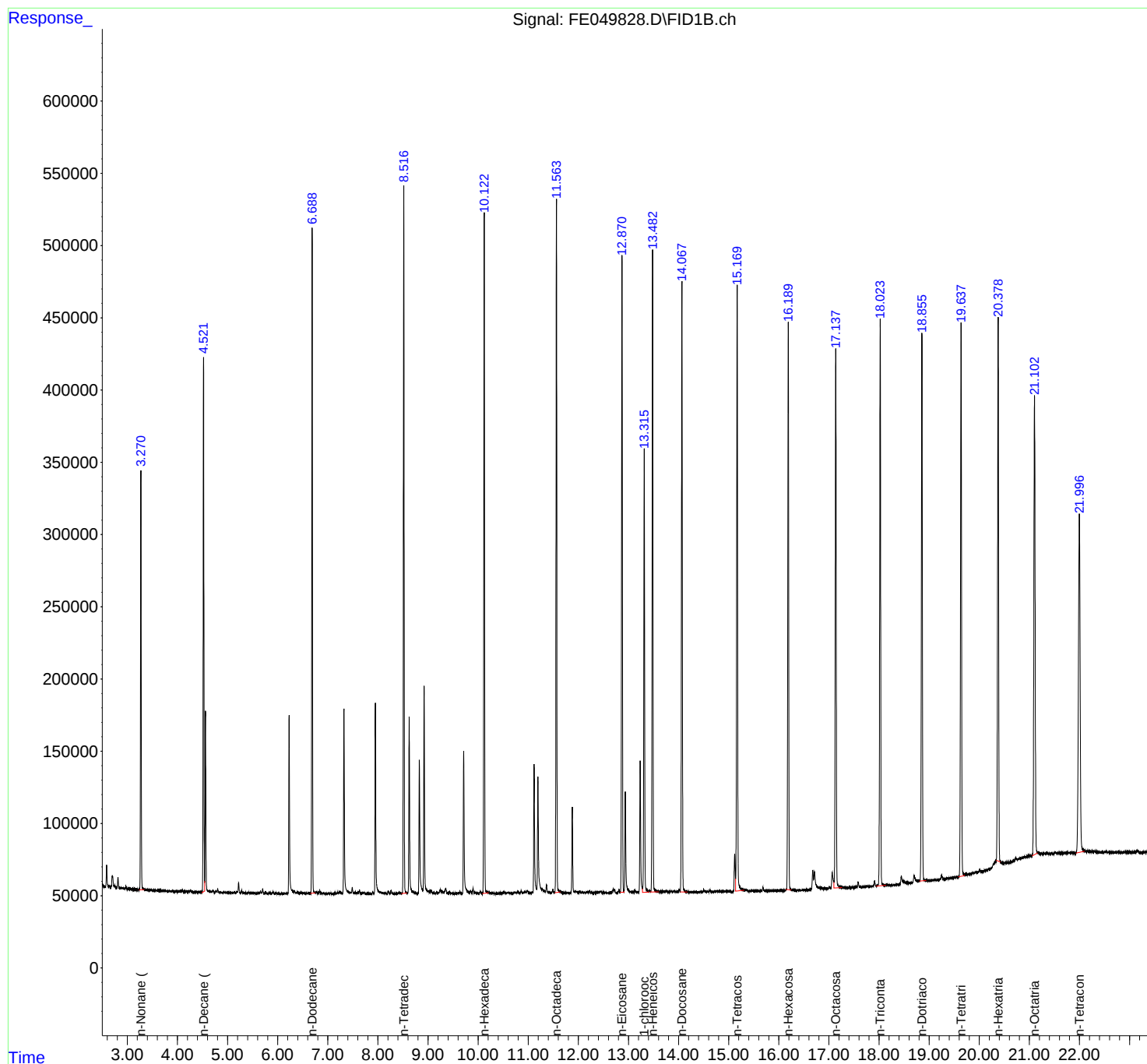
Response via : Initial Calibration

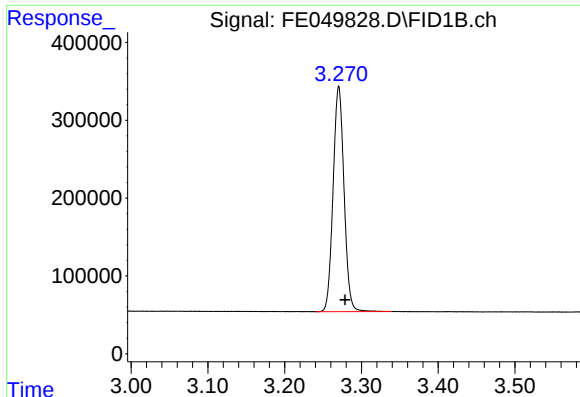
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.271 min
Delta R.T.: -0.008 min
Response: 2866513
Conc: 18.52 ug/ml

Instrument :

FID_E

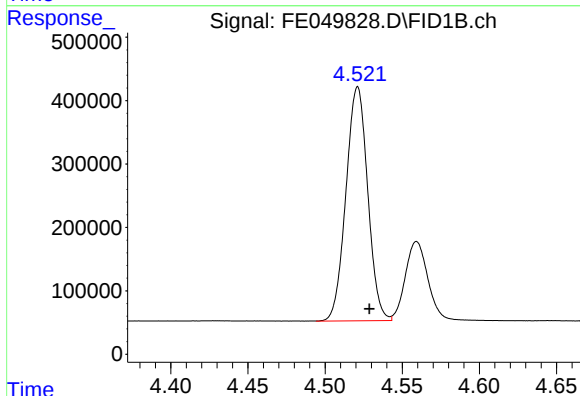
ClientSampleId :

UI-3MSD

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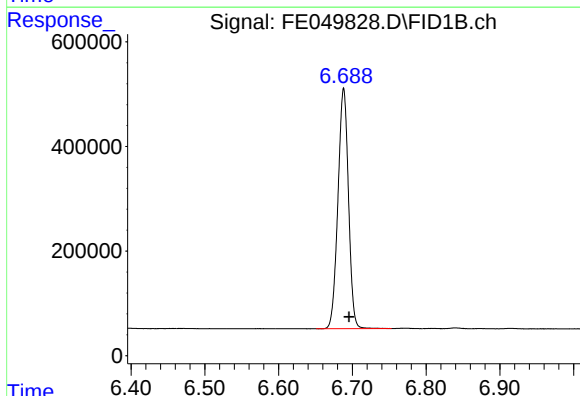
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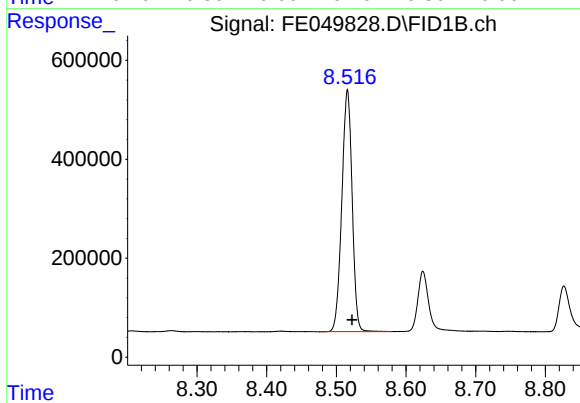
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.008 min
Response: 3628960
Conc: 22.98 ug/ml m



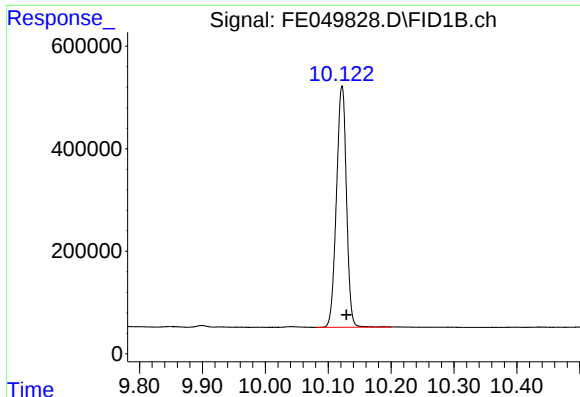
#4 n-Dodecane (C12)

R.T.: 6.688 min
Delta R.T.: -0.007 min
Response: 4554420
Conc: 28.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.516 min
Delta R.T.: -0.007 min
Response: 5028356
Conc: 32.57 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.122 min
Delta R.T.: -0.007 min
Response: 5212855
Conc: 33.38 ug/ml

Instrument :

FID_E

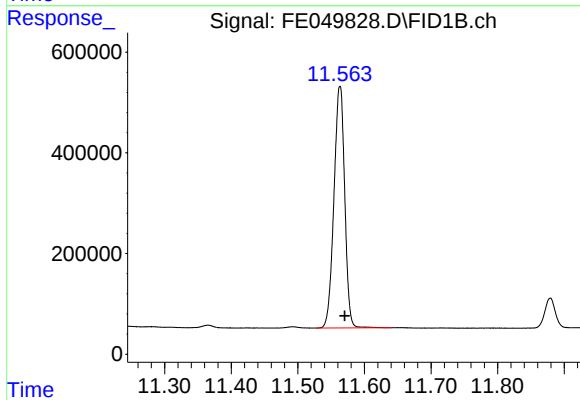
ClientSampleId :

UI-3MSD

Manual Integrations

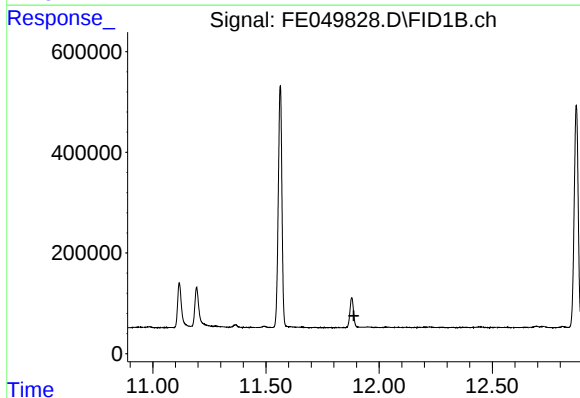
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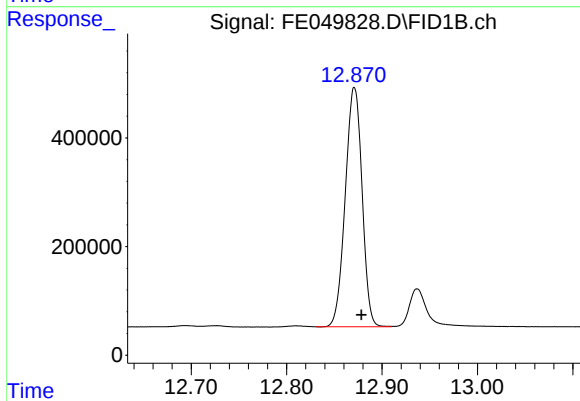
#8 n-Octadecane (C18)

R.T.: 11.563 min
Delta R.T.: -0.007 min
Response: 5396889
Conc: 34.36 ug/ml



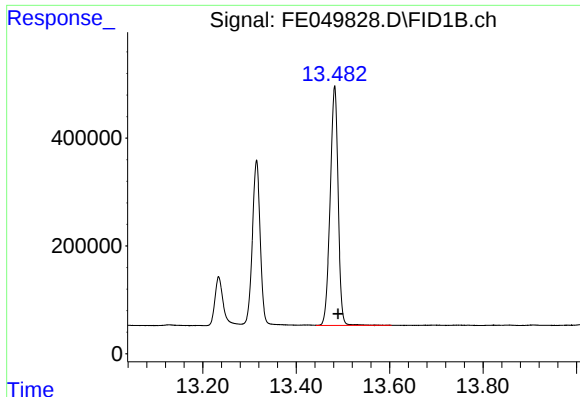
#9 ortho-Terphenyl (SURR)

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.: -0.008 min
Response: 5405805
Conc: 36.21 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.482 min
Delta R.T.: -0.008 min
Response: 5263205
Conc: 35.88 ug/ml

Instrument :

FID_E

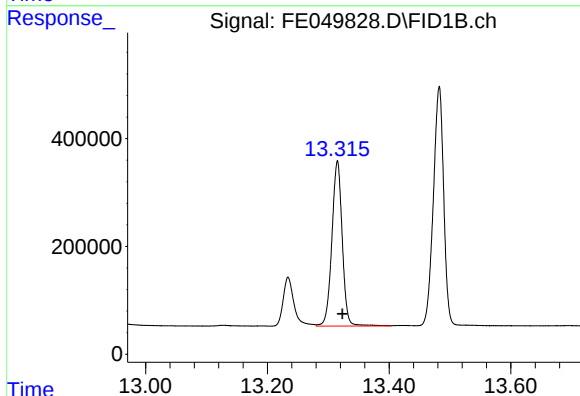
ClientSampleId :

UI-3MSD

Manual Integrations

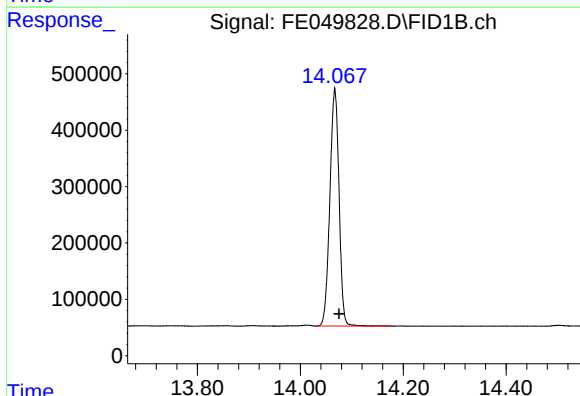
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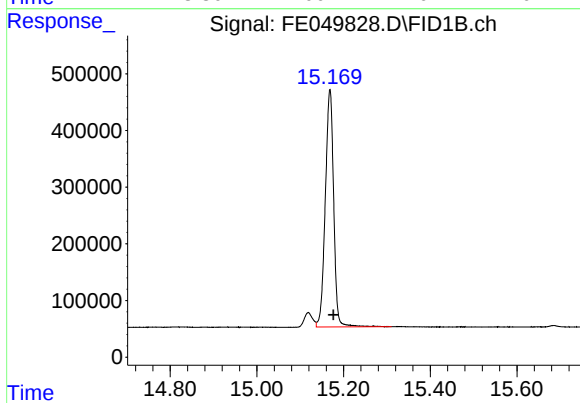
#12 1-chlorooctadecane (SURR)

R.T.: 13.315 min
Delta R.T.: -0.008 min
Response: 3627984
Conc: 29.74 ug/ml



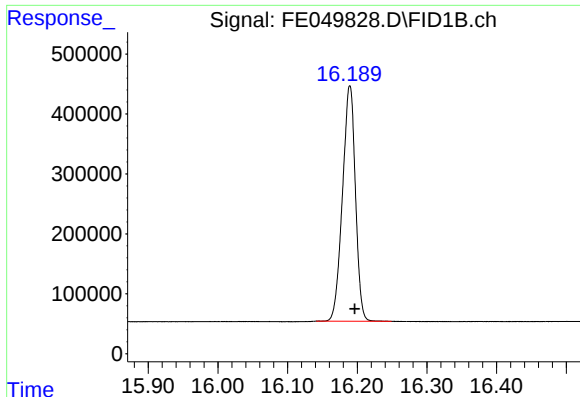
#13 n-Docosane (C22)

R.T.: 14.067 min
Delta R.T.: -0.008 min
Response: 5207847
Conc: 35.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: -0.008 min
Response: 5622294
Conc: 38.65 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.007 min
Response: 5074961
Conc: 35.16 ug/ml

Instrument :

FID_E

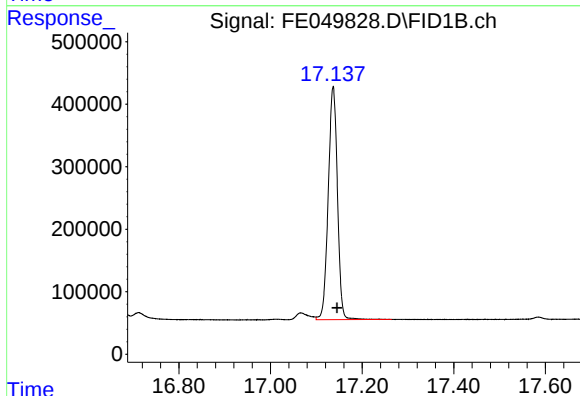
ClientSampleId :

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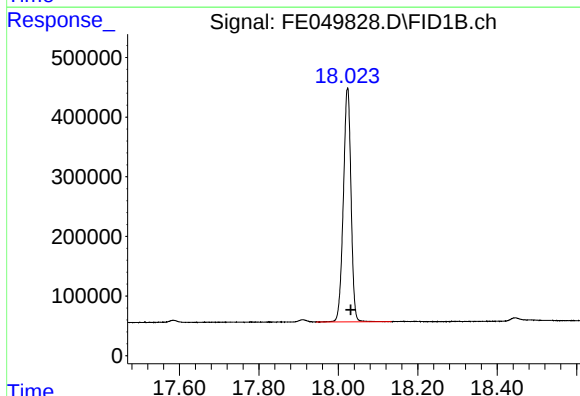
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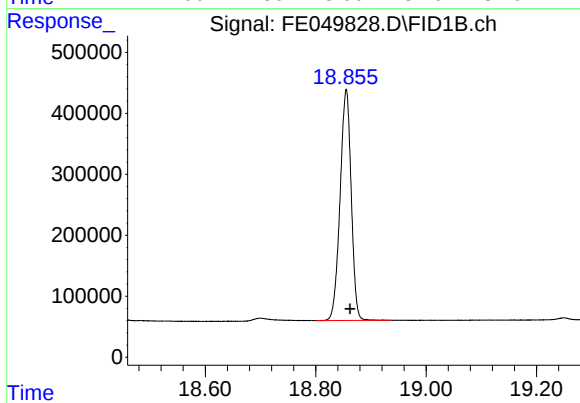
#16 n-Octacosane (C28)

R.T.: 17.137 min
Delta R.T.: -0.008 min
Response: 5197133
Conc: 36.08 ug/ml



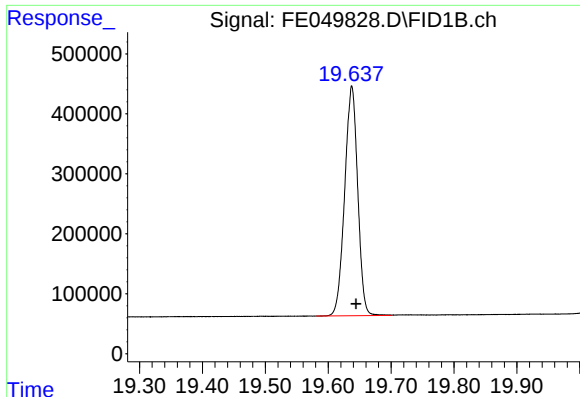
#17 n-Tricontane (C30)

R.T.: 18.023 min
Delta R.T.: -0.008 min
Response: 5243488
Conc: 35.03 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.855 min
Delta R.T.: -0.007 min
Response: 5293622
Conc: 34.99 ug/ml



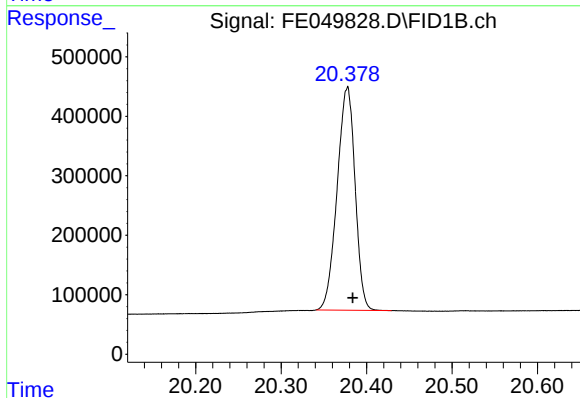
#19 n-Tetratriacontane (C34)

R.T.: 19.637 min
Delta R.T.: -0.007 min
Response: 5519751
Conc: 36.11 ug/ml

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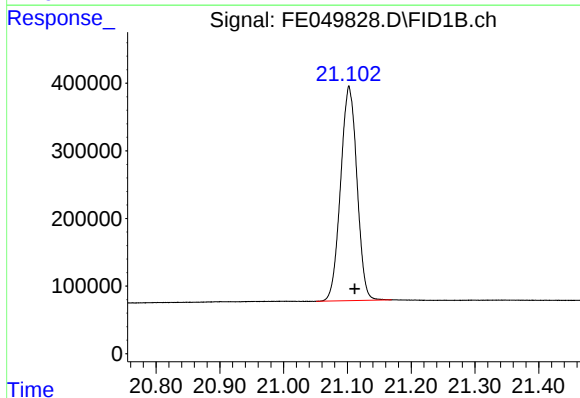
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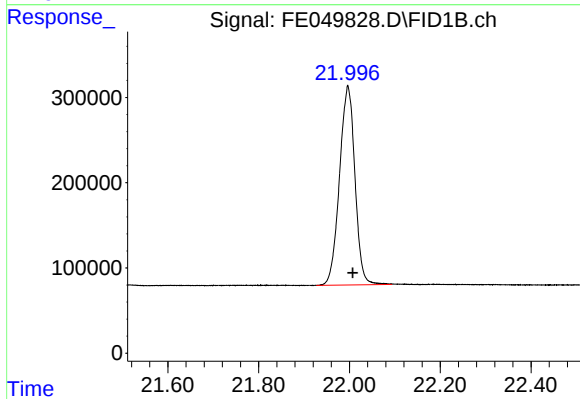
#20 n-Hexatriacontane (C36)

R.T.: 20.377 min
Delta R.T.: -0.007 min
Response: 5475048
Conc: 36.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.103 min
Delta R.T.: -0.009 min
Response: 5654986
Conc: 36.03 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.996 min
Delta R.T.: -0.011 min
Response: 5513388
Conc: 36.11 ug/ml m