

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110123AL\
 Data File : FC064977.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2023 23:35
 Operator : YP/AJ
 Sample : 05197-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 SCFMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/03/2023
 Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e
 Quant Time: Nov 02 04:18:31 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 102823.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 28 02:12:00 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			
12) S 1-chlorooctadecane (S...	12.944	4321366	27.336 ug/ml
Spiked Amount 50.000		Recovery =	54.67%
Target Compounds			
1) T n-Nonane (C9)	3.309	4621162	24.442 ug/ml
2) T n-Decane (C10)	4.370	5598352	29.443 ug/ml
4) T n-Dodecane (C12)	6.381	6485542	33.574 ug/ml
6) T n-Tetradecane (C14)	8.169	7069342	37.466 ug/ml
7) T n-Hexadecane (C16)	9.763	7477173	39.557 ug/ml
8) T n-Octadecane (C18)	11.199	7681491	40.701 ug/ml
10) T n-Eicosane (C20)	12.503	7590239	42.219 ug/ml
11) T n-Heneicosane (C21)	13.111	7140351	40.670 ug/ml
13) T n-Docosane (C22)	13.695	7062764	41.117 ug/ml
14) T n-Tetracosane (C24)	14.793	6799654	40.825 ug/ml
15) T n-Hexacosane (C26)	15.809	6558272	40.859 ug/ml
16) T n-Octacosane (C28)	16.753	6324732	40.413 ug/ml
17) T n-Tricontane (C30)	17.637	6237005	39.377 ug/ml
18) T n-Dotriacontane (C32)	18.468	6115514	38.732 ug/ml
19) T n-Tetratriacontane (C34)	19.247	5996898	39.288 ug/ml
20) T n-Hexatriacontane (C36)	19.982	5707322	37.827 ug/mlm
21) T n-Octatriacontane (C38)	20.703	5594293	37.592 ug/ml
22) T n-Tetracontane (C40)	21.582	5401975	36.728 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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QLast Update : Sat Oct 28 02:12:00 2023

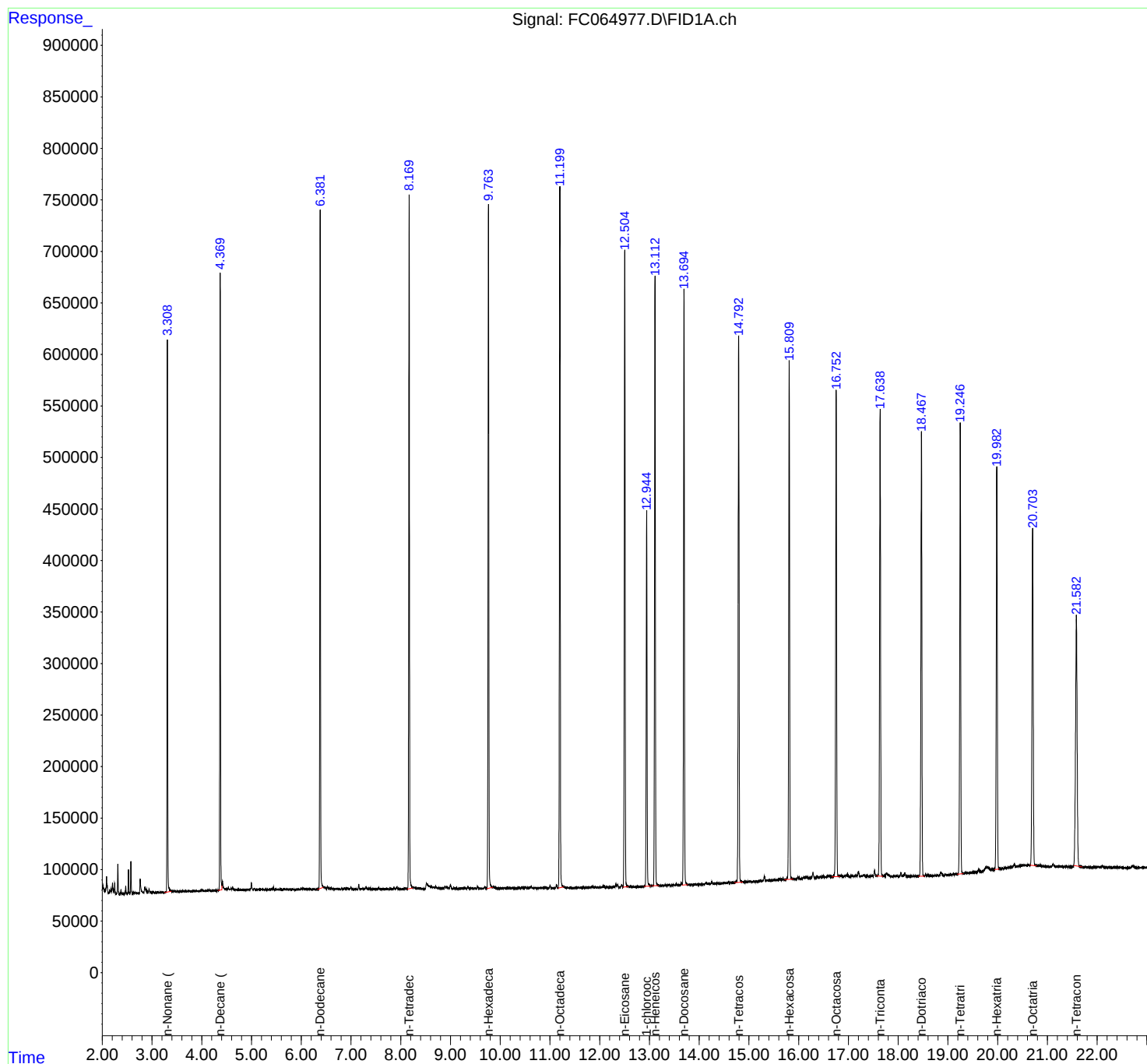
Response via : Initial Calibration

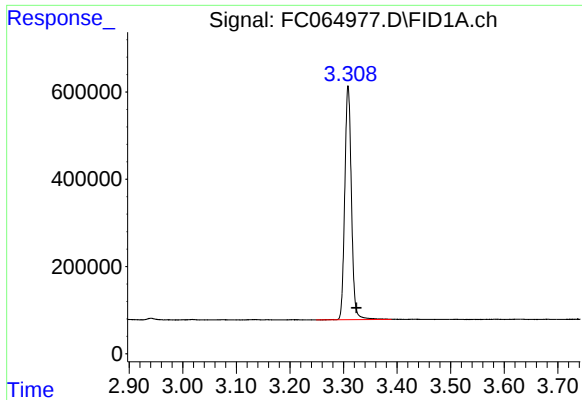
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





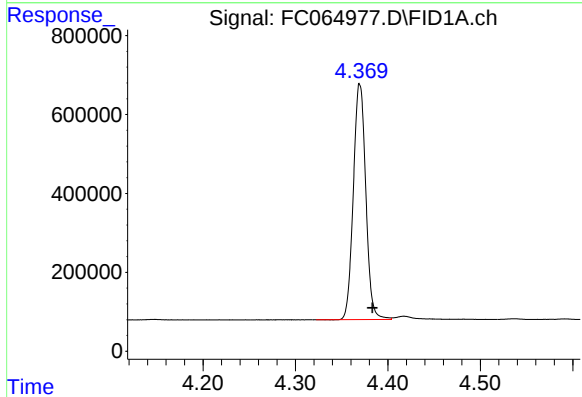
#1 n-Nonane (C9)

R.T.: 3.309 min
Delta R.T.: -0.015 min
Response: 4621162
Conc: 24.44 ug/ml

Instrument :
FID_C
ClientSampleId :
SCFMSD

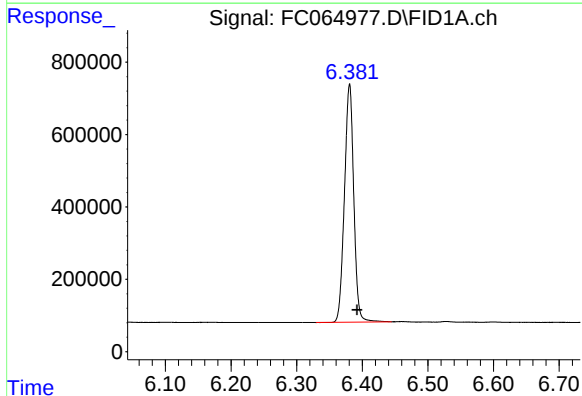
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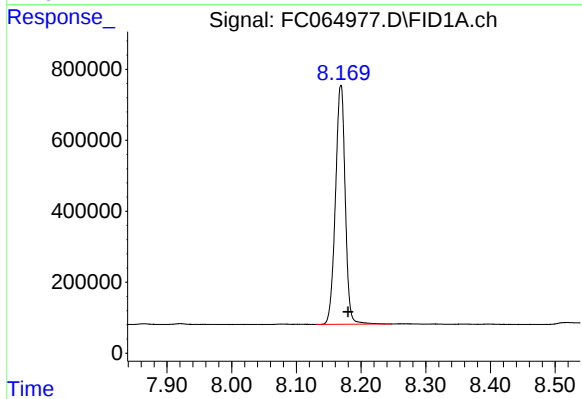
#2 n-Decane (C10)

R.T.: 4.370 min
Delta R.T.: -0.014 min
Response: 5598352
Conc: 29.44 ug/ml



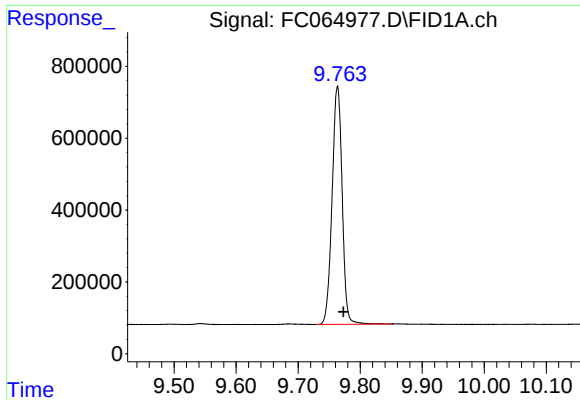
#4 n-Dodecane (C12)

R.T.: 6.381 min
Delta R.T.: -0.011 min
Response: 6485542
Conc: 33.57 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 7069342
Conc: 37.47 ug/ml



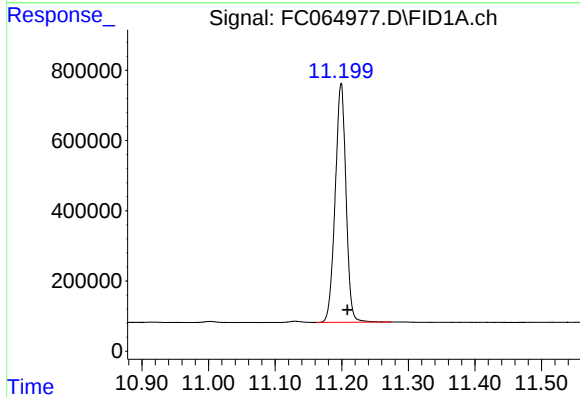
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 7477173
Conc: 39.56 ug/ml

Instrument :
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SCFMSD

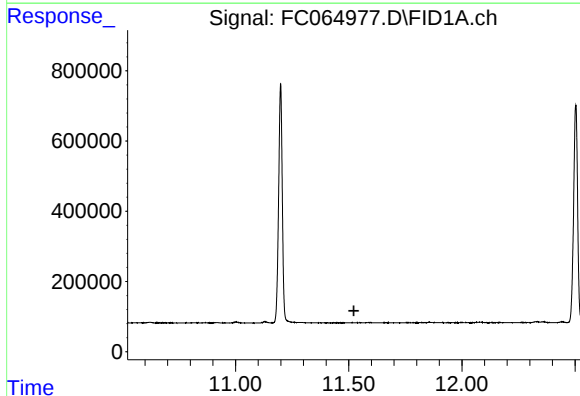
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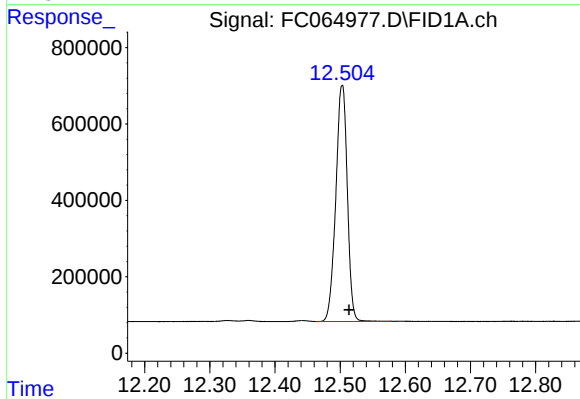
#8 n-Octadecane (C18)

R.T.: 11.199 min
Delta R.T.: -0.009 min
Response: 7681491
Conc: 40.70 ug/ml



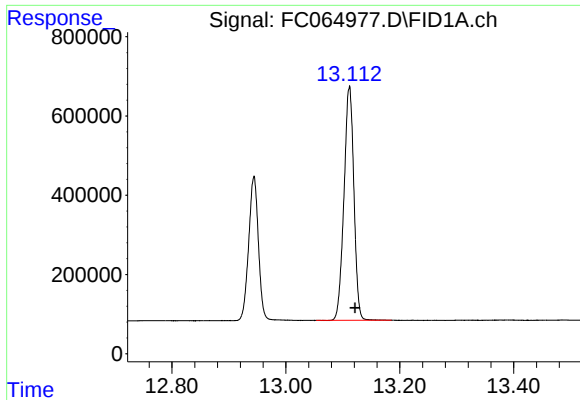
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.523 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: -0.010 min
Response: 7590239
Conc: 42.22 ug/ml



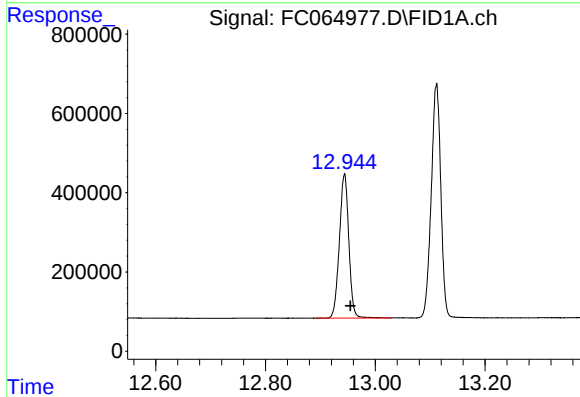
#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.010 min
Response: 7140351
Conc: 40.67 ug/ml

Instrument :
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ClientSampleId :
SCFMSD

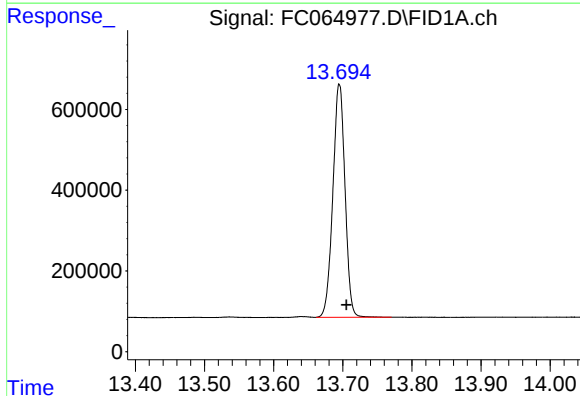
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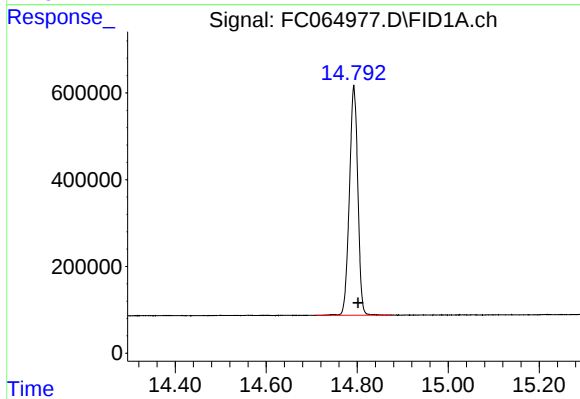
#12 1-chlorooctadecane (SURR)

R.T.: 12.944 min
Delta R.T.: -0.011 min
Response: 4321366
Conc: 27.34 ug/ml



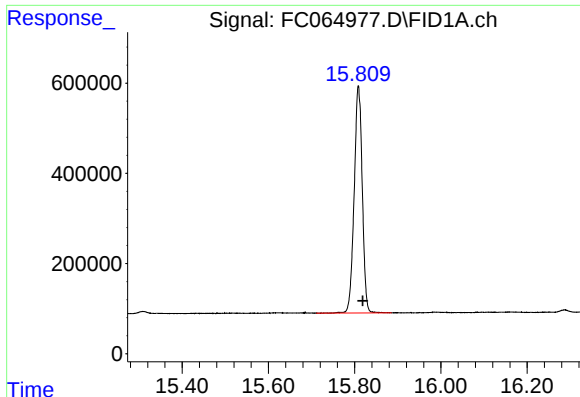
#13 n-Docosane (C22)

R.T.: 13.695 min
Delta R.T.: -0.010 min
Response: 7062764
Conc: 41.12 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.010 min
Response: 6799654
Conc: 40.82 ug/ml



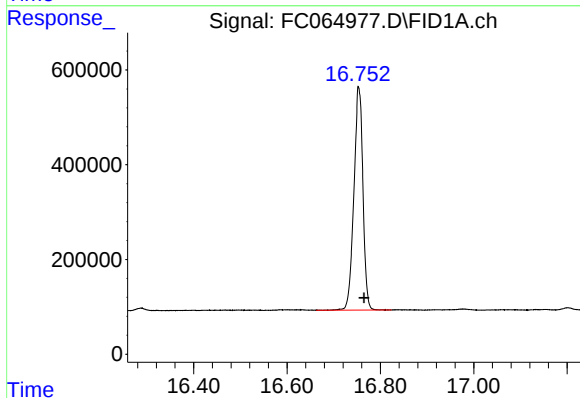
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 6558272
Conc: 40.86 ug/ml

Instrument :
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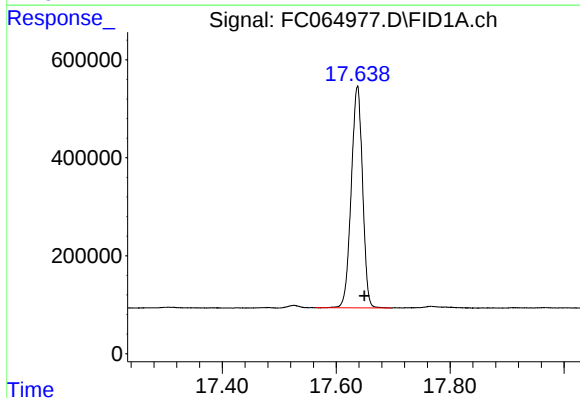
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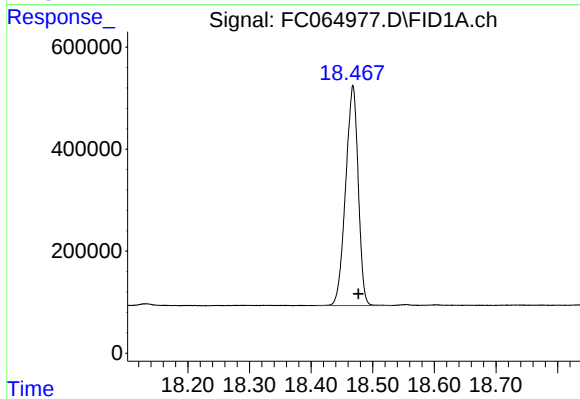
#16 n-Octacosane (C28)

R.T.: 16.753 min
Delta R.T.: -0.011 min
Response: 6324732
Conc: 40.41 ug/ml



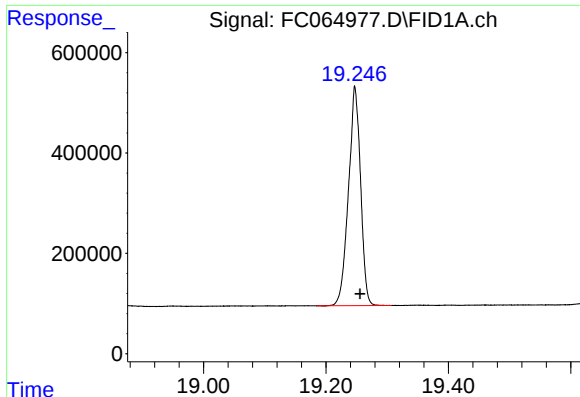
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 6237005
Conc: 39.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.468 min
Delta R.T.: -0.009 min
Response: 6115514
Conc: 38.73 ug/ml



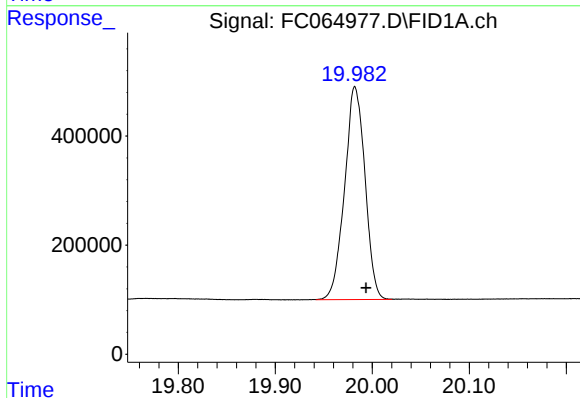
#19 n-Tetratriacontane (C34)

R.T.: 19.247 min
Delta R.T.: -0.008 min
Response: 5996898
Conc: 39.29 ug/ml

Instrument :
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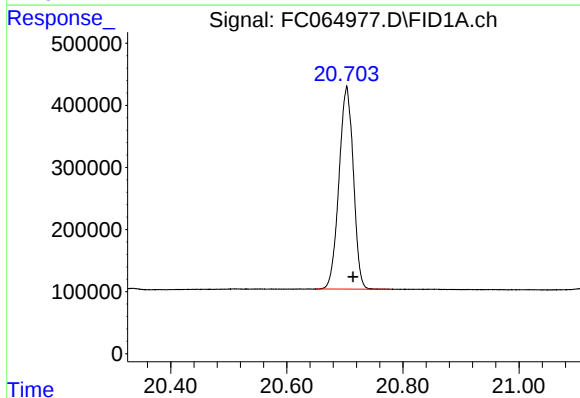
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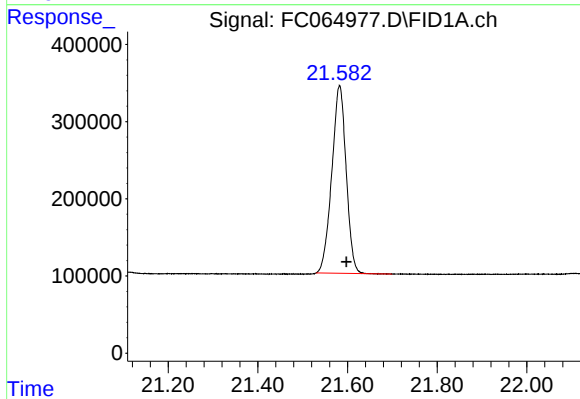
#20 n-Hexatriacontane (C36)

R.T.: 19.982 min
Delta R.T.: -0.012 min
Response: 5707322
Conc: 37.83 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.703 min
Delta R.T.: -0.011 min
Response: 5594293
Conc: 37.59 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: -0.015 min
Response: 5401975
Conc: 36.73 ug/ml