

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC110123AL\
 Data File : FC064976.D
 Signal(s) : FID1A.ch
 Acq On : 01 Nov 2023 22:58
 Operator : YP/AJ
 Sample : 05197-01MS
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

SCFMS

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 00:06:38 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...	12.942	3772088	23.861 ug/ml
Spiked Amount 50.000		Recovery =	47.72%
Target Compounds			
1) T n-Nonane (C9)	3.308	4468164	23.633 ug/ml
2) T n-Decane (C10)	4.369	5423403	28.523 ug/ml
4) T n-Dodecane (C12)	6.380	6273402	32.475 ug/ml
6) T n-Tetradecane (C14)	8.169	6832808	36.212 ug/ml
7) T n-Hexadecane (C16)	9.763	7235613	38.279 ug/ml
8) T n-Octadecane (C18)	11.198	7474792	39.606 ug/ml
10) T n-Eicosane (C20)	12.502	7426014	41.306 ug/ml
11) T n-Heneicosane (C21)	13.111	7014334	39.952 ug/ml
13) T n-Docosane (C22)	13.693	6947595	40.447 ug/ml
14) T n-Tetracosane (C24)	14.793	6675370	40.079 ug/ml
15) T n-Hexacosane (C26)	15.809	6466702	40.289 ug/ml
16) T n-Octacosane (C28)	16.755	6236579	39.850 ug/ml
17) T n-Tricontane (C30)	17.637	6160238	38.892 ug/ml
18) T n-Dotriacontane (C32)	18.467	6002702	38.017 ug/ml
19) T n-Tetratriacontane (C34)	19.246	5880248	38.524 ug/ml
20) T n-Hexatriacontane (C36)	19.983	5571895	36.929 ug/mlm
21) T n-Octatriacontane (C38)	20.702	5464735	36.722 ug/ml
22) T n-Tetracontane (C40)	21.582	5332405	36.255 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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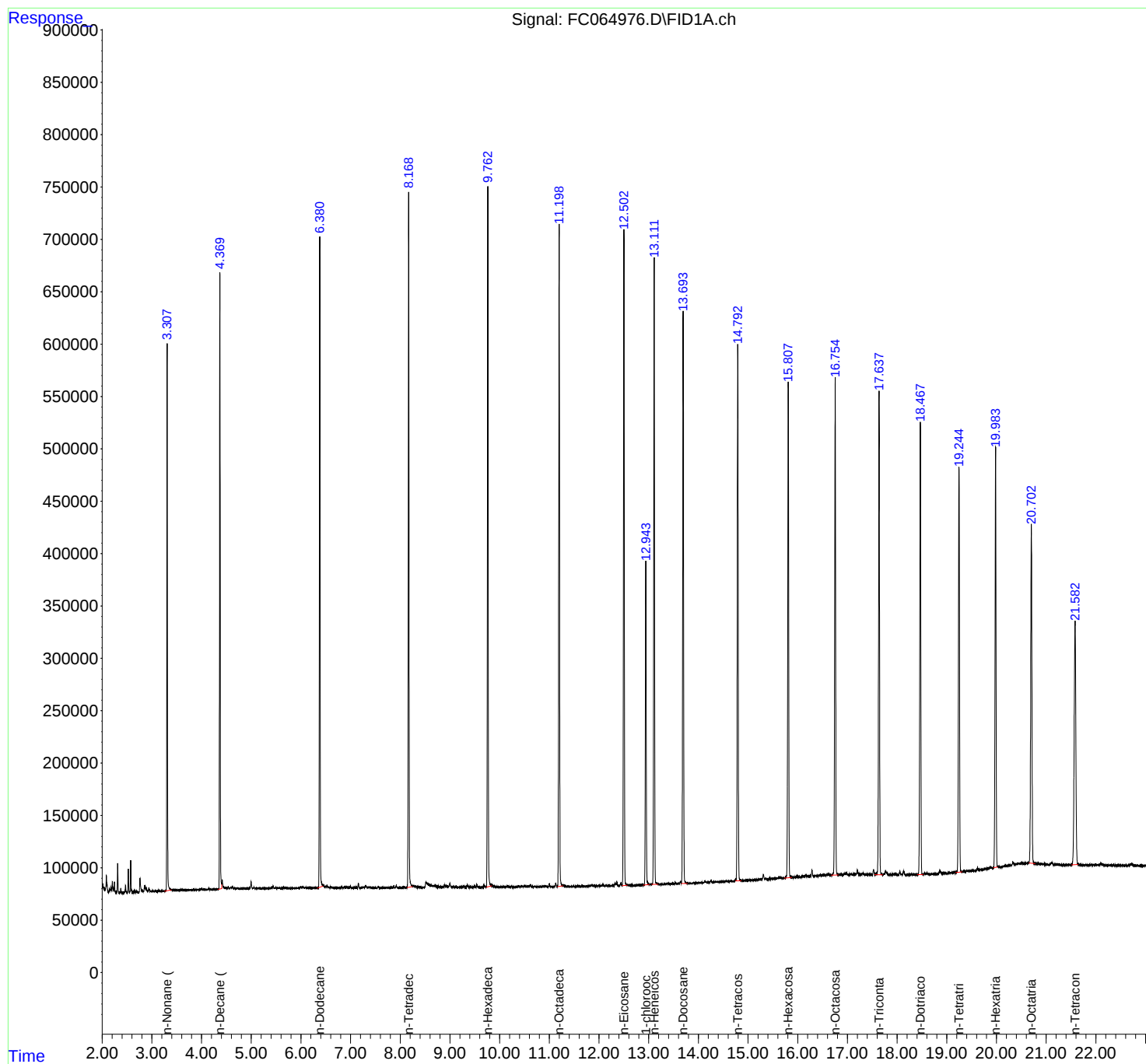
Instrument :
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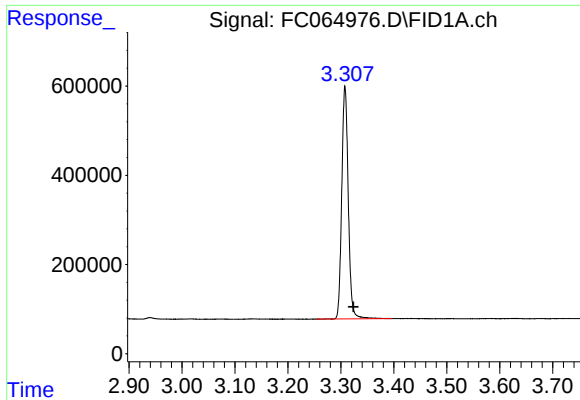
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Volume Inj. : 1 ul
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Signal Info : 20M x 0.18mm x 0.18um





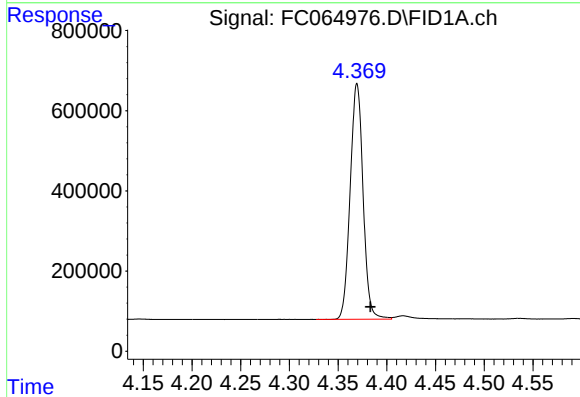
#1 n-Nonane (C9)

R.T.: 3.308 min
Delta R.T.: -0.016 min
Response: 4468164
Conc: 23.63 ug/ml

Instrument :
FID_C
ClientSampleId :
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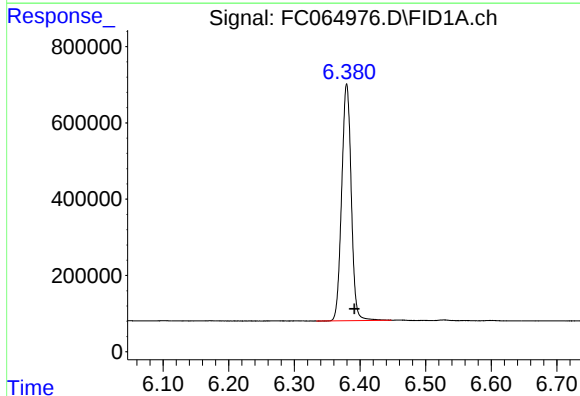
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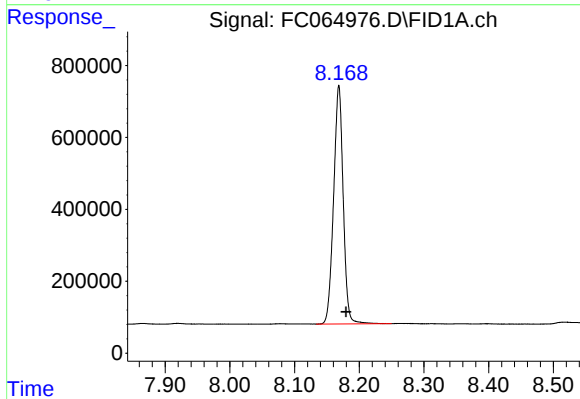
#2 n-Decane (C10)

R.T.: 4.369 min
Delta R.T.: -0.014 min
Response: 5423403
Conc: 28.52 ug/ml



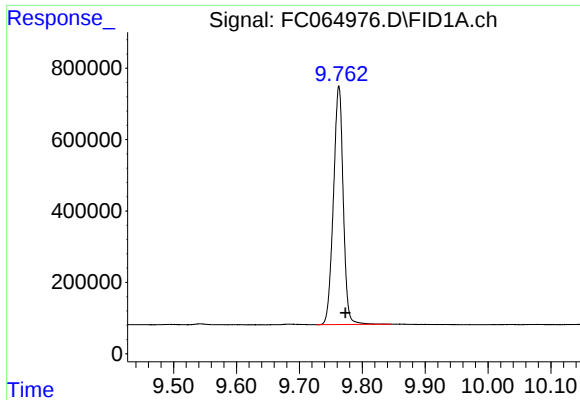
#4 n-Dodecane (C12)

R.T.: 6.380 min
Delta R.T.: -0.012 min
Response: 6273402
Conc: 32.48 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.169 min
Delta R.T.: -0.011 min
Response: 6832808
Conc: 36.21 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.010 min
Response: 7235613
Conc: 38.28 ug/ml

Instrument :

FID_C

ClientSampleId :

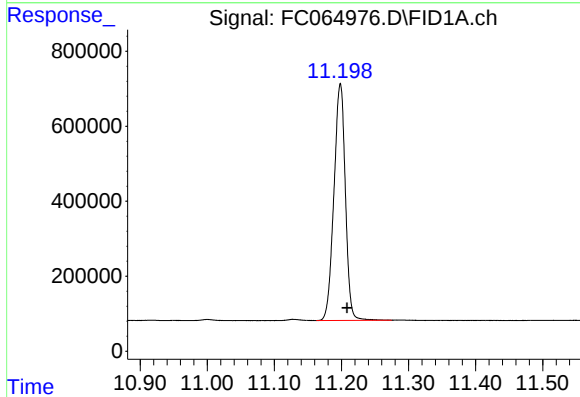
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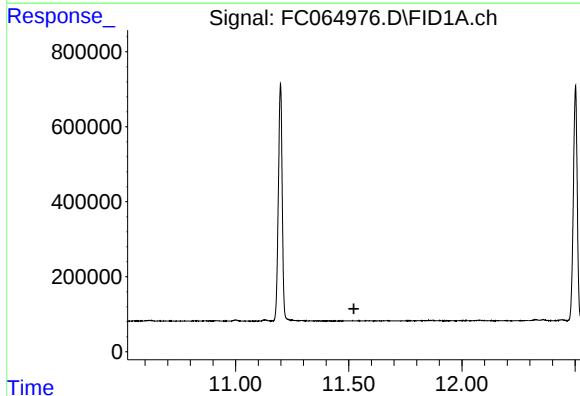
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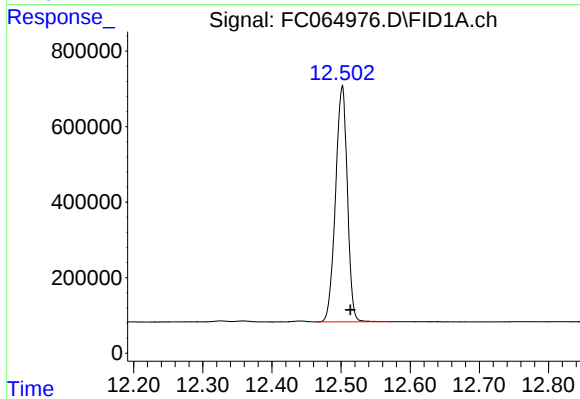
#8 n-Octadecane (C18)

R.T.: 11.198 min
Delta R.T.: -0.010 min
Response: 7474792
Conc: 39.61 ug/ml



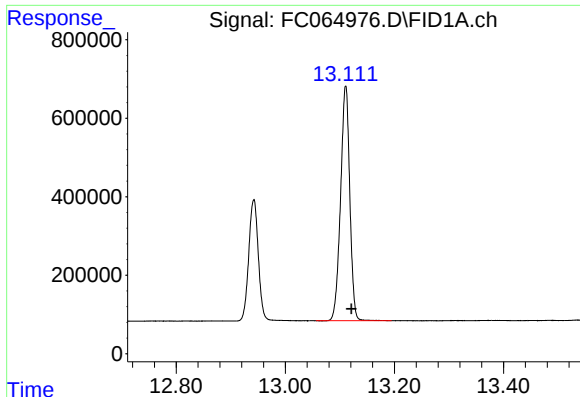
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.502 min
Delta R.T.: -0.012 min
Response: 7426014
Conc: 41.31 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.111 min
Delta R.T.: -0.011 min
Response: 7014334
Conc: 39.95 ug/ml

Instrument :

FID_C

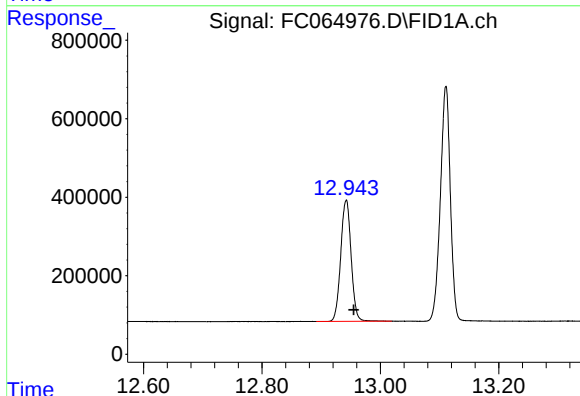
ClientSampleId :

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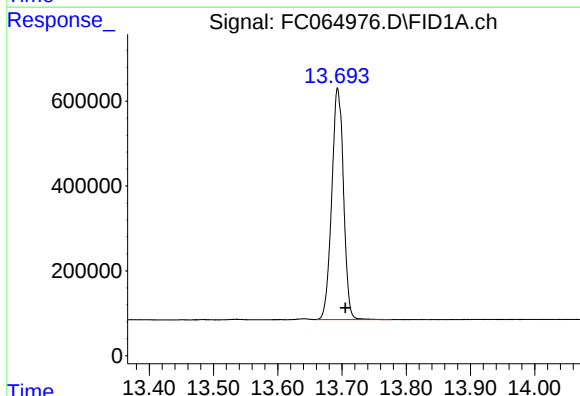
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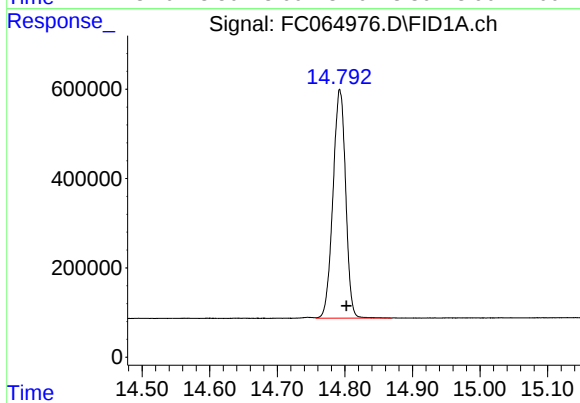
#12 1-chlorooctadecane (SURR)

R.T.: 12.942 min
Delta R.T.: -0.013 min
Response: 3772088
Conc: 23.86 ug/ml



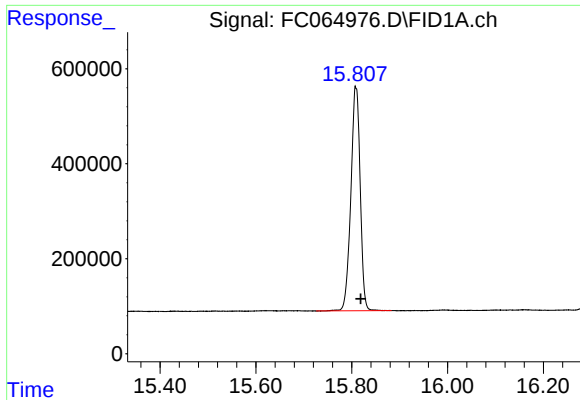
#13 n-Docosane (C22)

R.T.: 13.693 min
Delta R.T.: -0.012 min
Response: 6947595
Conc: 40.45 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.010 min
Response: 6675370
Conc: 40.08 ug/ml



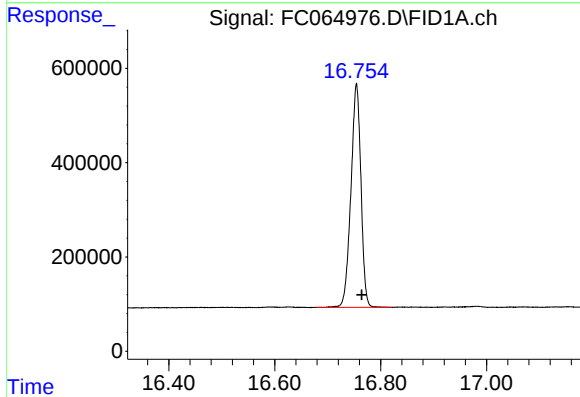
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.010 min
Response: 6466702
Conc: 40.29 ug/ml

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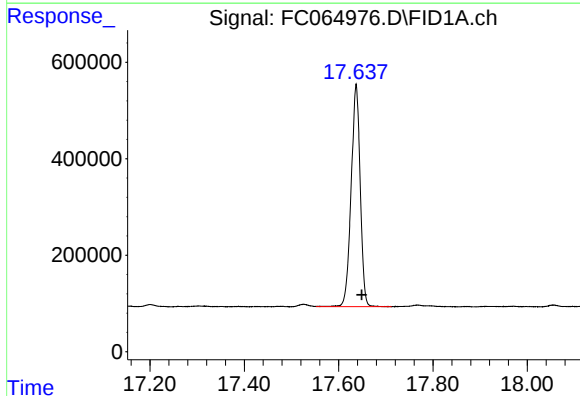
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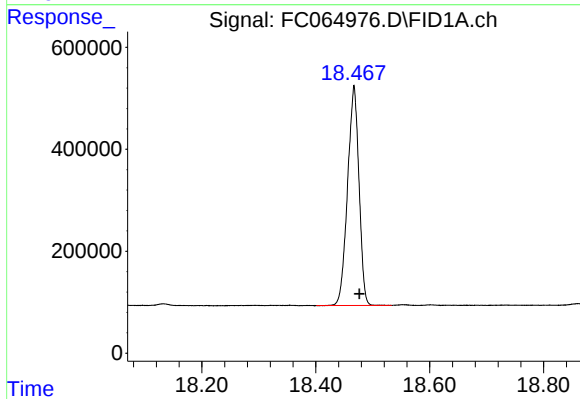
#16 n-Octacosane (C28)

R.T.: 16.755 min
Delta R.T.: -0.010 min
Response: 6236579
Conc: 39.85 ug/ml



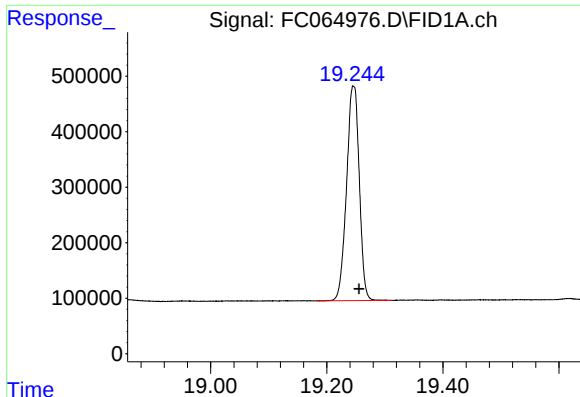
#17 n-Tricontane (C30)

R.T.: 17.637 min
Delta R.T.: -0.012 min
Response: 6160238
Conc: 38.89 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.467 min
Delta R.T.: -0.009 min
Response: 6002702
Conc: 38.02 ug/ml



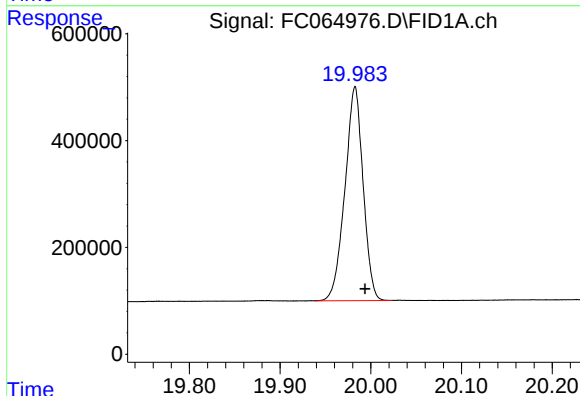
#19 n-Tetratriacontane (C34)

R.T.: 19.246 min
Delta R.T.: -0.010 min
Response: 5880248
Conc: 38.52 ug/ml

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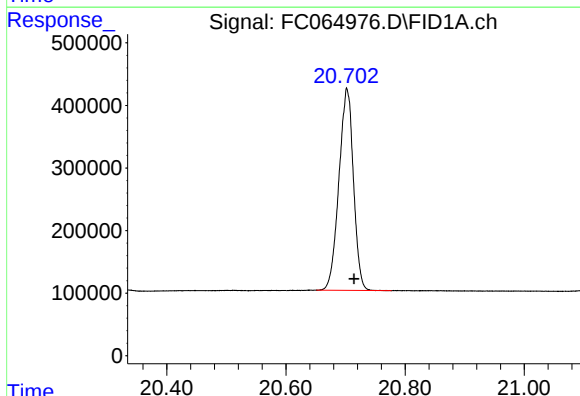
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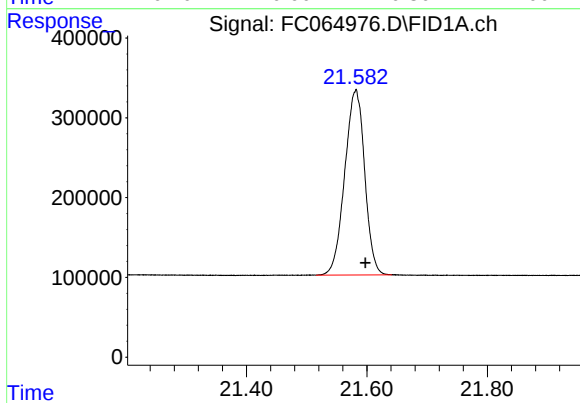
#20 n-Hexatriacontane (C36)

R.T.: 19.983 min
Delta R.T.: -0.011 min
Response: 5571895
Conc: 36.93 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.702 min
Delta R.T.: -0.012 min
Response: 5464735
Conc: 36.72 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.582 min
Delta R.T.: -0.016 min
Response: 5332405
Conc: 36.26 ug/ml m