

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066054.D
 Signal(s) : FID1A.ch
 Acq On : 20 Mar 2024 08:37
 Operator : YP/AJ
 Sample : P1774-02MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_C

ClientSampleId :

TP9MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 03/20/2024

Supervised By :Ankita Jodhani 03/20/2024

Integration File: autoint1.e

Quant Time: Mar 20 09:17:42 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 030424.M

Quant Title : GC Extractables

QLast Update : Mon Mar 04 13:09:51 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...	12.900	4545002	31.175 ug/ml
Spiked Amount 50.000		Recovery =	62.35%
Target Compounds			
1) T n-Nonane (C9)	3.278	4435286	26.547 ug/ml
2) T n-Decane (C10)	4.338	5393960	31.101 ug/ml
4) T n-Dodecane (C12)	6.349	6696654	38.001 ug/mlm
6) T n-Tetradecane (C14)	8.135	7530196	43.303 ug/mlm
7) T n-Hexadecane (C16)	9.728	8063066	45.133 ug/ml
8) T n-Octadecane (C18)	11.161	8494412	46.733 ug/ml
10) T n-Eicosane (C20)	12.460	8679343	49.706 ug/ml
11) T n-Heneicosane (C21)	13.068	8533939	49.222 ug/ml
13) T n-Docosane (C22)	13.650	8471047	49.255 ug/ml
14) T n-Tetracosane (C24)	14.744	8498120	49.756 ug/ml
15) T n-Hexacosane (C26)	15.757	8548206	50.765 ug/ml
16) T n-Octacosane (C28)	16.701	8626155	51.883 ug/ml
17) T n-Tricontane (C30)	17.582	8841743	51.785 ug/ml
18) T n-Dotriacontane (C32)	18.409	8682460	51.505 ug/ml
19) T n-Tetratriacontane (C34)	19.186	8809433	53.750 ug/ml
20) T n-Hexatriacontane (C36)	19.922	8566801	53.880 ug/mlm
21) T n-Octatriacontane (C38)	20.631	8585833	54.813 ug/ml
22) T n-Tetracontane (C40)	21.490	8390940	53.061 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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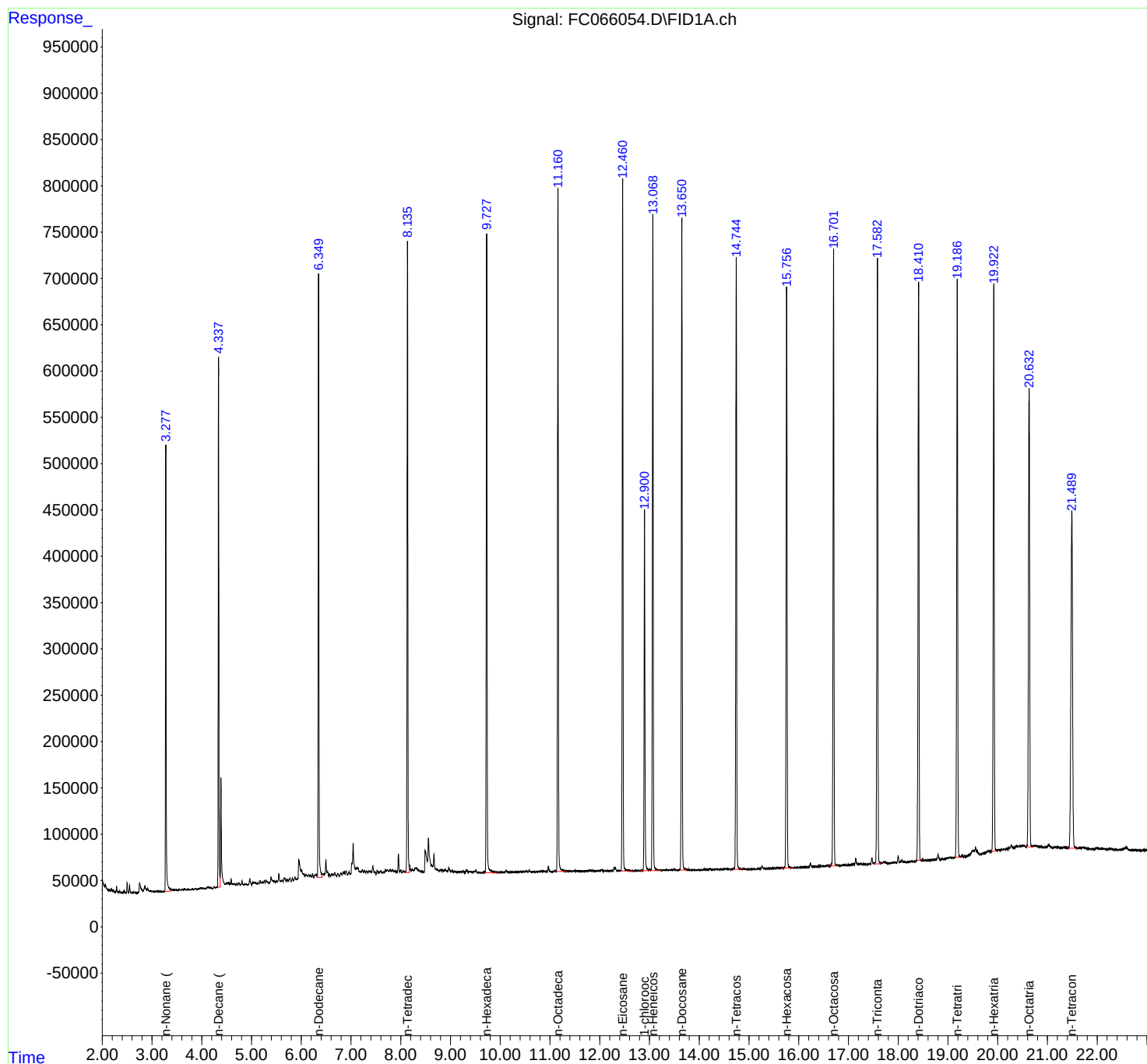
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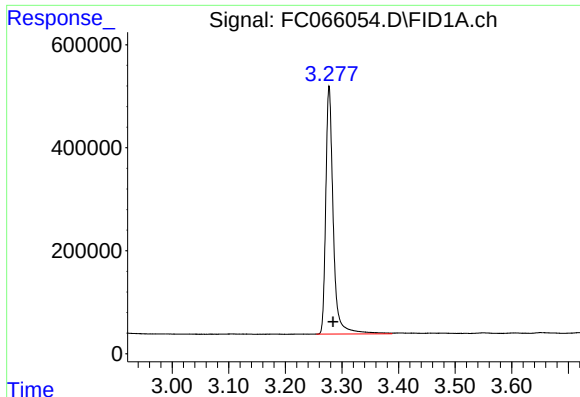
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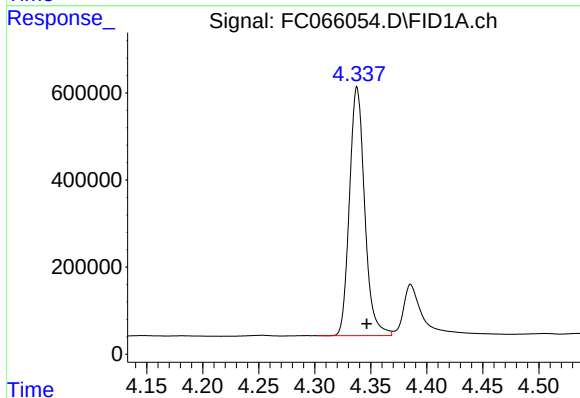
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 4435286
Conc: 26.55 ug/ml

Instrument :
FID_C
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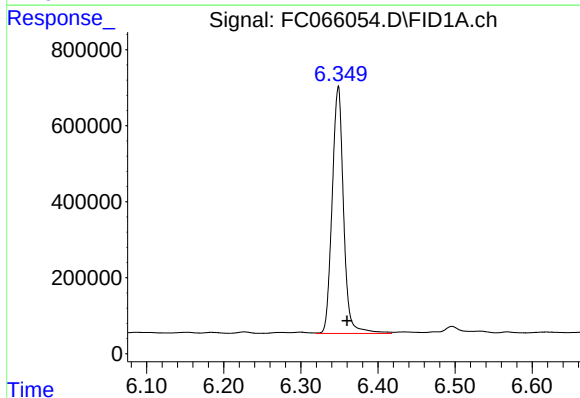
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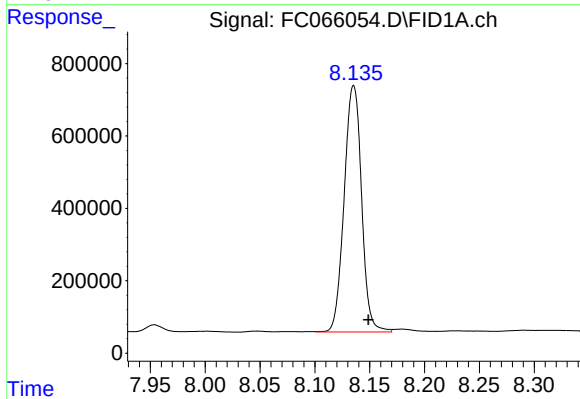
#2 n-Decane (C10)

R.T.: 4.338 min
Delta R.T.: -0.009 min
Response: 5393960
Conc: 31.10 ug/ml



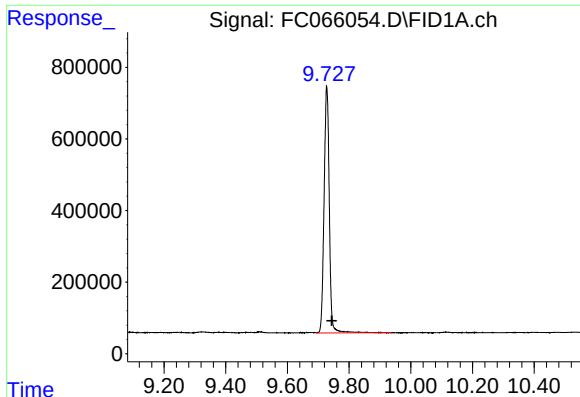
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.011 min
Response: 6696654
Conc: 38.00 ug/ml m



#6 n-Tetradecane (C14)

R.T.: 8.135 min
Delta R.T.: -0.014 min
Response: 7530196
Conc: 43.30 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.728 min
Delta R.T.: -0.016 min
Response: 8063066
Conc: 45.13 ug/ml

Instrument :

FID_C

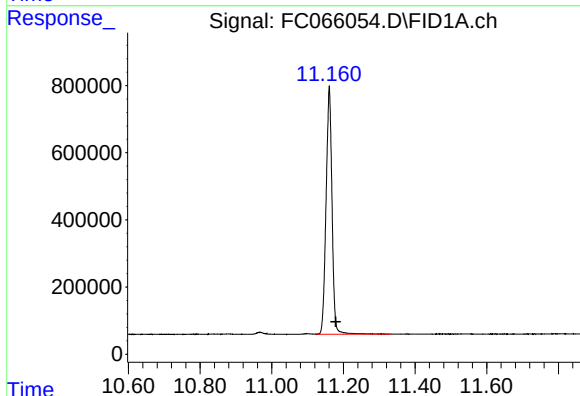
ClientSampleId :

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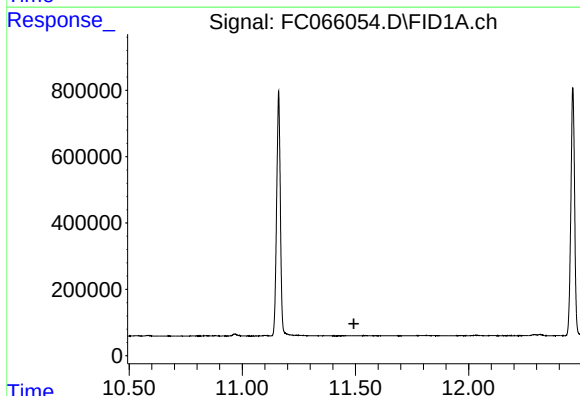
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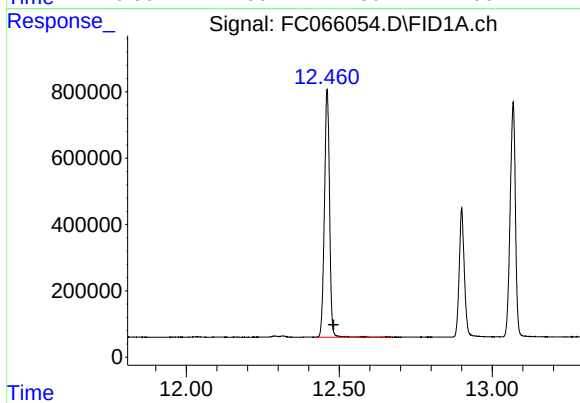
#8 n-Octadecane (C18)

R.T.: 11.161 min
Delta R.T.: -0.018 min
Response: 8494412
Conc: 46.73 ug/ml



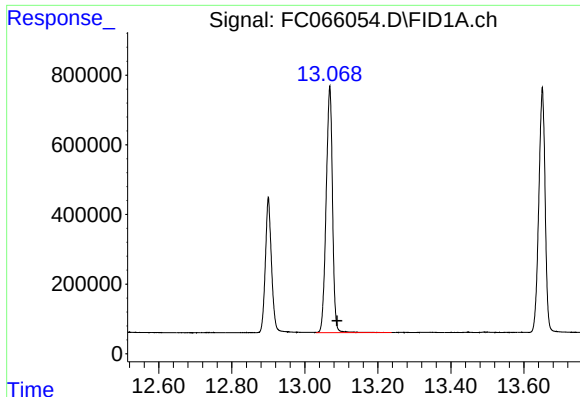
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.493 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.460 min
Delta R.T.: -0.020 min
Response: 8679343
Conc: 49.71 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: -0.021 min
Response: 8533939
Conc: 49.22 ug/ml

Instrument :

FID_C

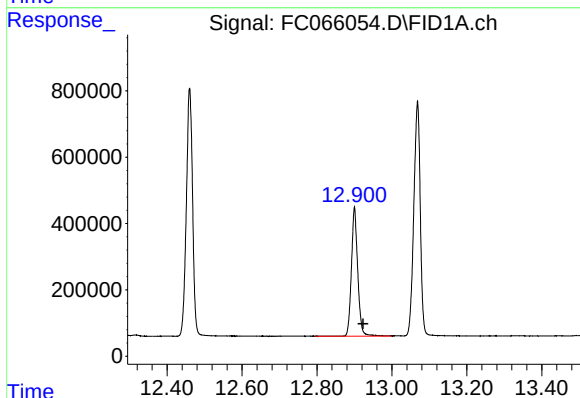
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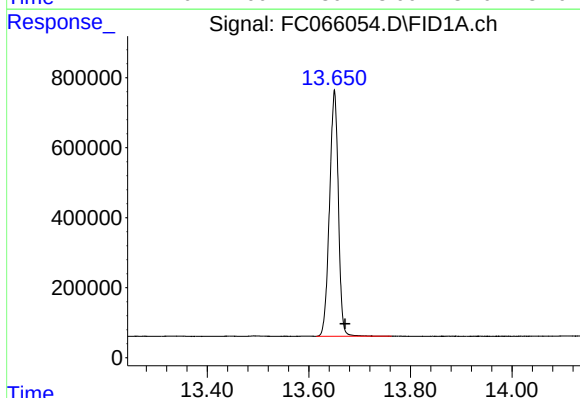
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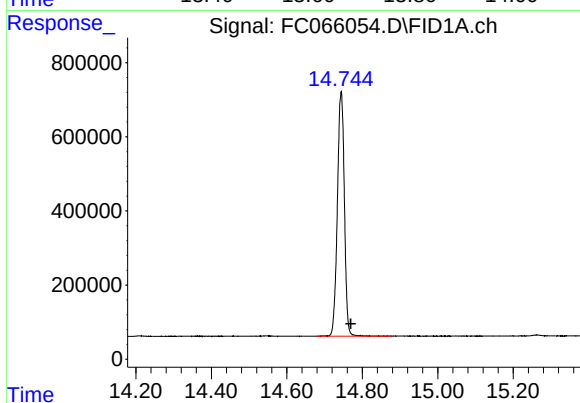
#12 1-chlorooctadecane (SURR)

R.T.: 12.900 min
Delta R.T.: -0.023 min
Response: 4545002
Conc: 31.18 ug/ml



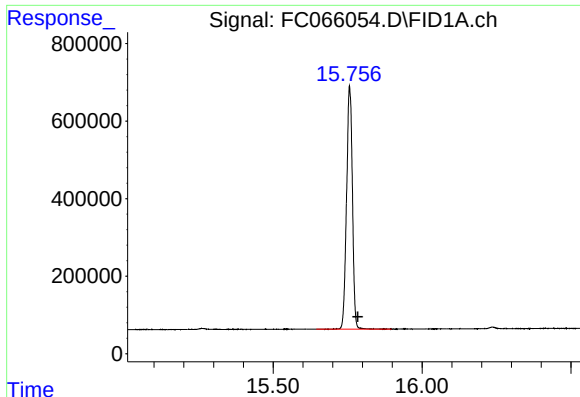
#13 n-Docosane (C22)

R.T.: 13.650 min
Delta R.T.: -0.021 min
Response: 8471047
Conc: 49.25 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.744 min
Delta R.T.: -0.025 min
Response: 8498120
Conc: 49.76 ug/ml



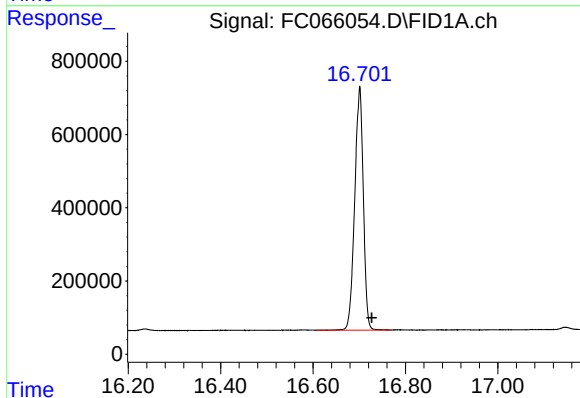
#15 n-Hexacosane (C26)

R.T.: 15.757 min
Delta R.T.: -0.027 min
Response: 8548206
Conc: 50.76 ug/ml

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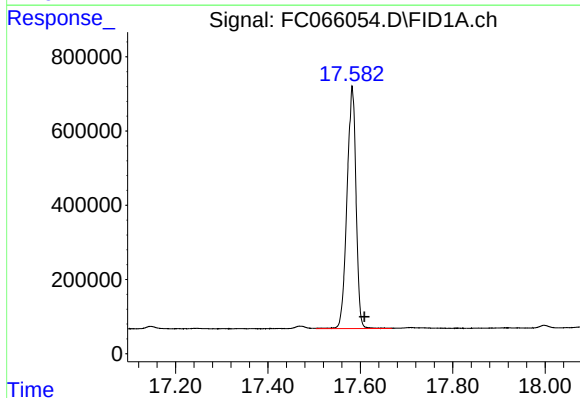
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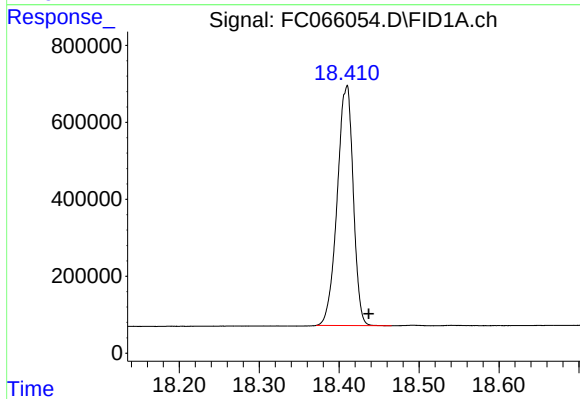
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.027 min
Response: 8626155
Conc: 51.88 ug/ml



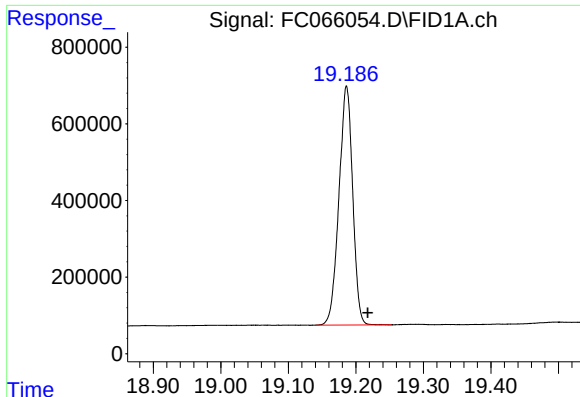
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.026 min
Response: 8841743
Conc: 51.78 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.409 min
Delta R.T.: -0.028 min
Response: 8682460
Conc: 51.51 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.186 min
Delta R.T.: -0.031 min
Response: 8809433
Conc: 53.75 ug/ml

Instrument :

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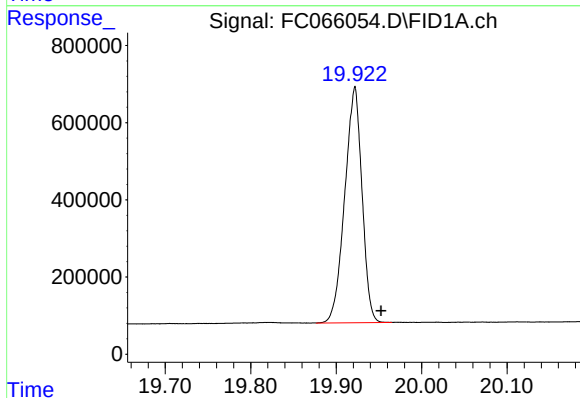
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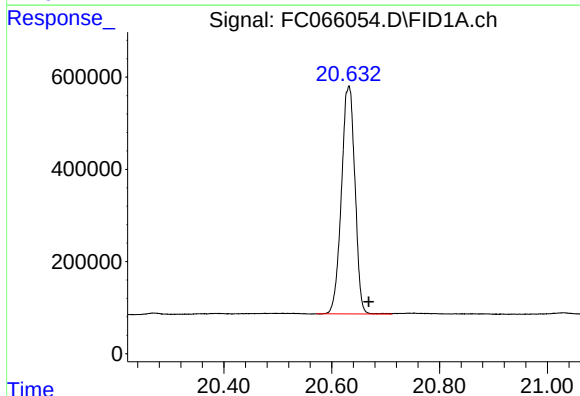
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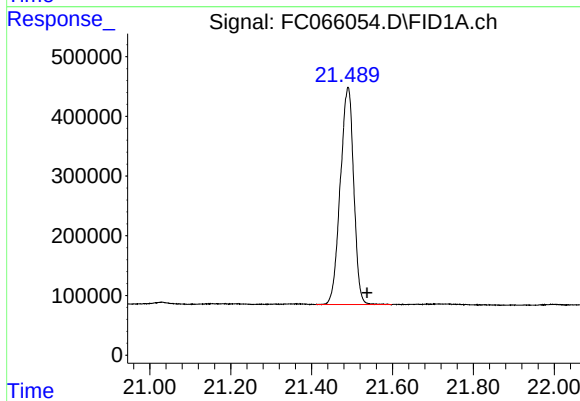
#20 n-Hexatriacontane (C36)

R.T.: 19.922 min
Delta R.T.: -0.031 min
Response: 8566801
Conc: 53.88 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.631 min
Delta R.T.: -0.038 min
Response: 8585833
Conc: 54.81 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.490 min
Delta R.T.: -0.047 min
Response: 8390940
Conc: 53.06 ug/ml