

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031924AL\
 Data File : FC066042.D
 Signal(s) : FID1A.ch
 Acq On : 19 Mar 2024 17:13
 Operator : YP/AJ
 Sample : PB159654BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB159654BS

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 03:13:07 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...	12.903	5555186	38.104 ug/ml
Spiked Amount 50.000		Recovery =	76.21%
Target Compounds			
1) T n-Nonane (C9)	3.281	4097678	24.526 ug/ml
2) T n-Decane (C10)	4.340	4951539	28.550 ug/ml
4) T n-Dodecane (C12)	6.349	5922438	33.608 ug/ml
6) T n-Tetradecane (C14)	8.136	6163526	35.444 ug/ml
7) T n-Hexadecane (C16)	9.727	6524387	36.520 ug/ml
8) T n-Octadecane (C18)	11.160	7083790	38.972 ug/ml
10) T n-Eicosane (C20)	12.460	7493752	42.916 ug/ml
11) T n-Heneicosane (C21)	13.068	7354837	42.421 ug/ml
13) T n-Docosane (C22)	13.651	7379378	42.907 ug/ml
14) T n-Tetracosane (C24)	14.745	7408231	43.374 ug/ml
15) T n-Hexacosane (C26)	15.758	7464994	44.332 ug/ml
16) T n-Octacosane (C28)	16.701	7511305	45.178 ug/ml
17) T n-Tricontane (C30)	17.582	7680293	44.982 ug/ml
18) T n-Dotriacontane (C32)	18.408	7629784	45.261 ug/mlm
19) T n-Tetratriacontane (C34)	19.187	7679419	46.855 ug/ml
20) T n-Hexatriacontane (C36)	19.921	7480711	47.049 ug/mlm
21) T n-Octatriacontane (C38)	20.632	7447350	47.545 ug/ml
22) T n-Tetracontane (C40)	21.489	7170820	45.346 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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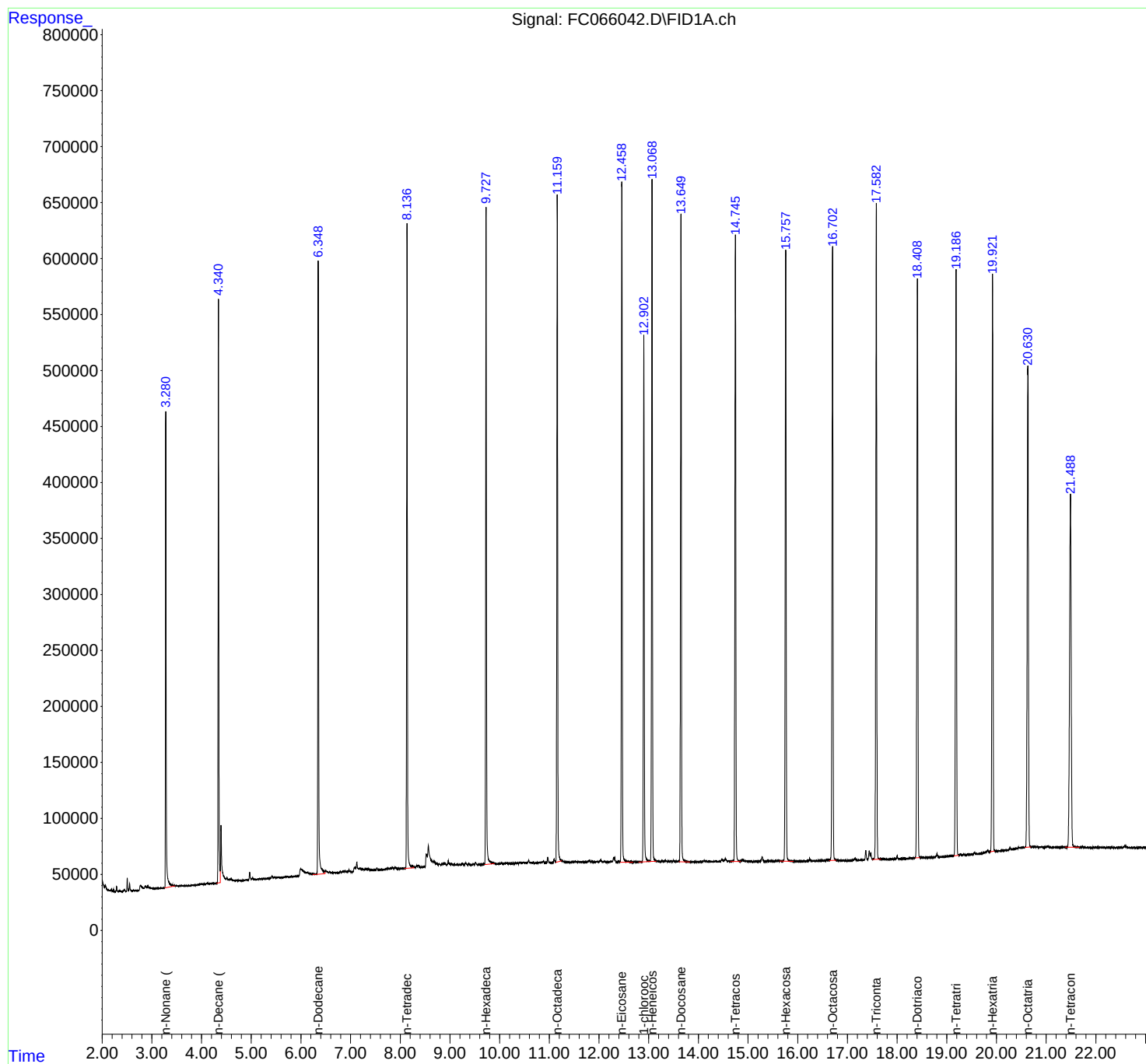
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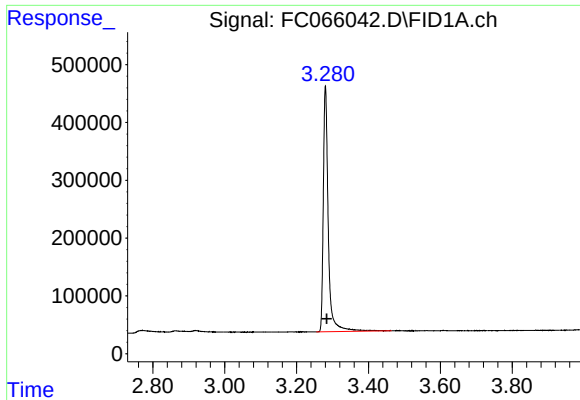
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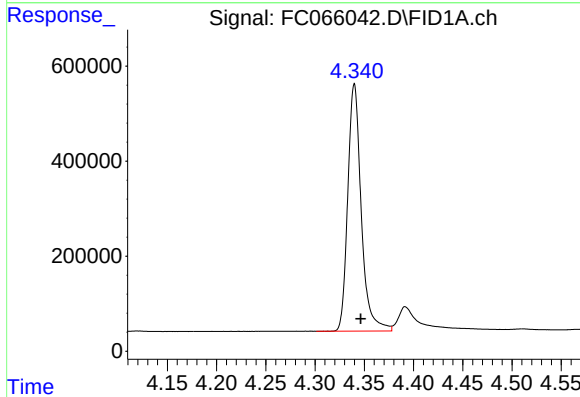
#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: -0.003 min
Response: 4097678
Conc: 24.53 ug/ml

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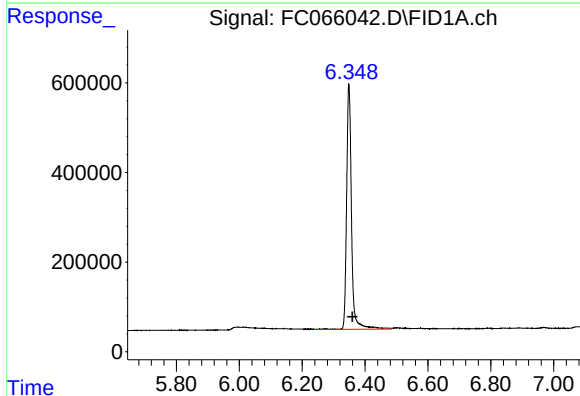
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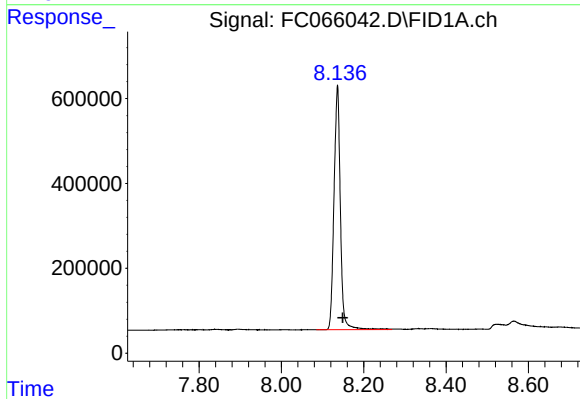
#2 n-Decane (C10)

R.T.: 4.340 min
Delta R.T.: -0.006 min
Response: 4951539
Conc: 28.55 ug/ml



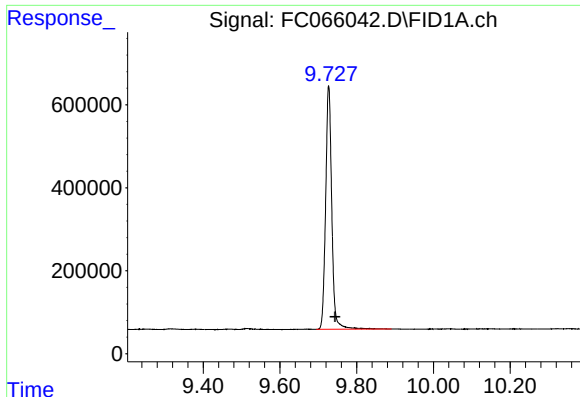
#4 n-Dodecane (C12)

R.T.: 6.349 min
Delta R.T.: -0.011 min
Response: 5922438
Conc: 33.61 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.136 min
Delta R.T.: -0.013 min
Response: 6163526
Conc: 35.44 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.727 min
Delta R.T.: -0.017 min
Response: 6524387
Conc: 36.52 ug/ml

Instrument :

FID_C

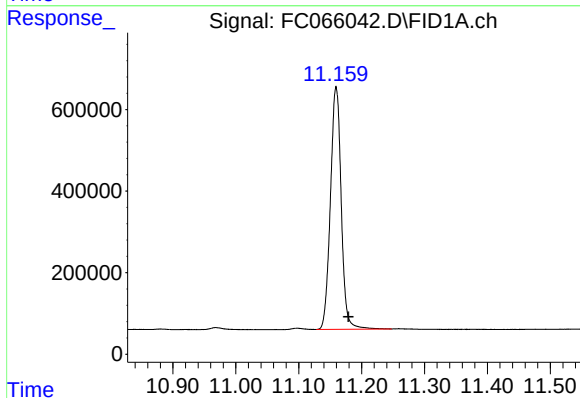
ClientSampleId :

PB159654BS

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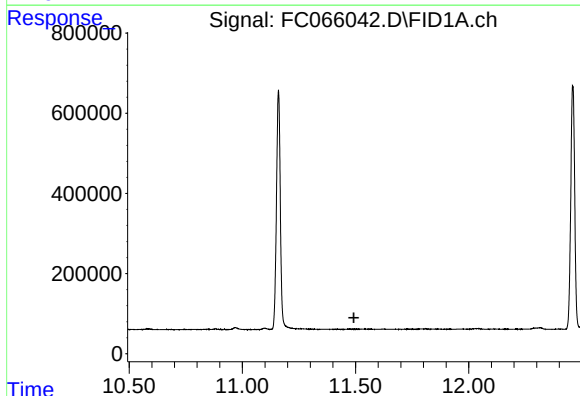
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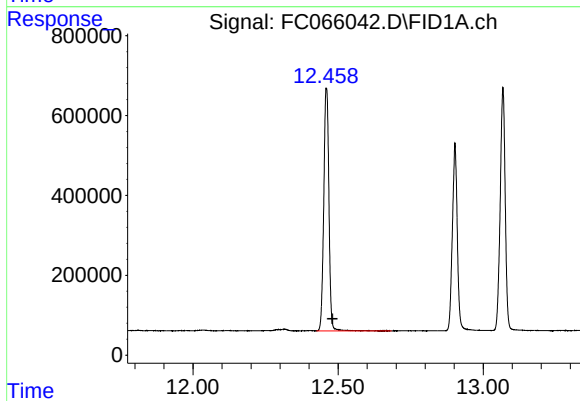
#8 n-Octadecane (C18)

R.T.: 11.160 min
Delta R.T.: -0.019 min
Response: 7083790
Conc: 38.97 ug/ml



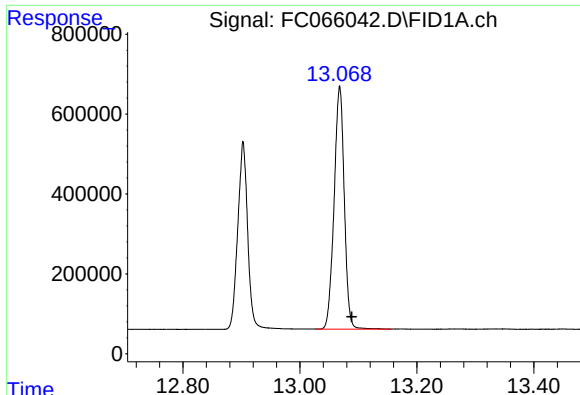
#9 ortho-Terphenyl (SURR)

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.: -0.021 min
Response: 7493752
Conc: 42.92 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.068 min
Delta R.T.: -0.021 min
Response: 7354837
Conc: 42.42 ug/ml

Instrument :

FID_C

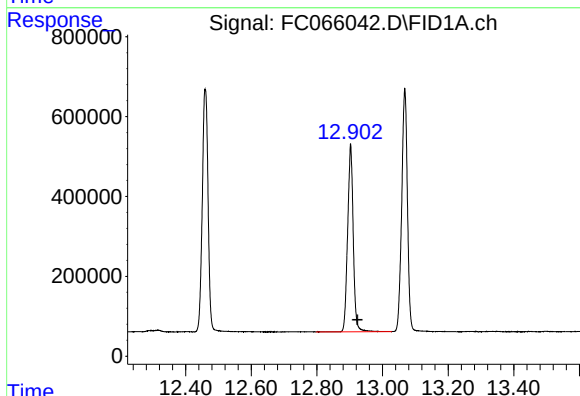
ClientSampleId :

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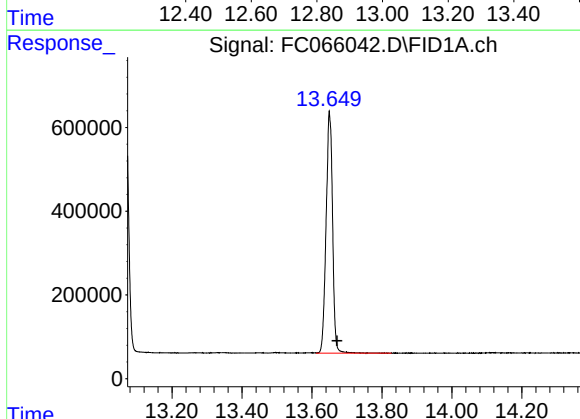
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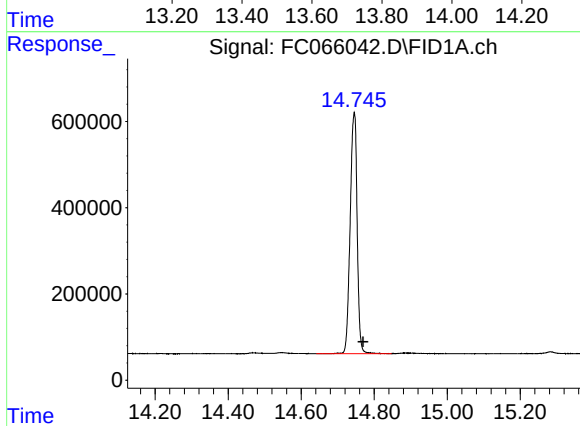
#12 1-chlorooctadecane (SURR)

R.T.: 12.903 min
Delta R.T.: -0.021 min
Response: 5555186
Conc: 38.10 ug/ml



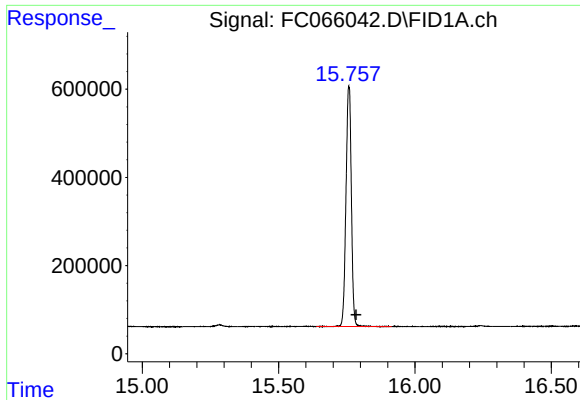
#13 n-Docosane (C22)

R.T.: 13.651 min
Delta R.T.: -0.021 min
Response: 7379378
Conc: 42.91 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.745 min
Delta R.T.: -0.024 min
Response: 7408231
Conc: 43.37 ug/ml



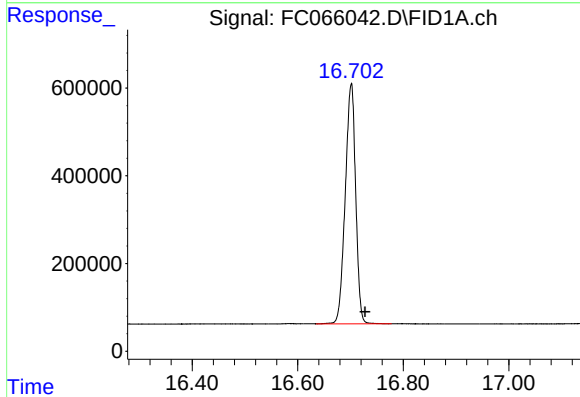
#15 n-Hexacosane (C26)

R.T.: 15.758 min
Delta R.T.: -0.026 min
Response: 7464994
Conc: 44.33 ug/ml

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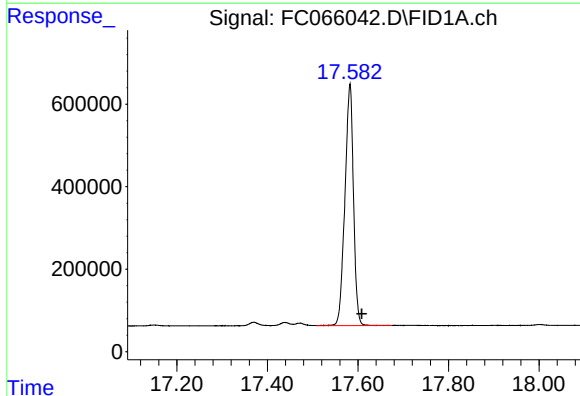
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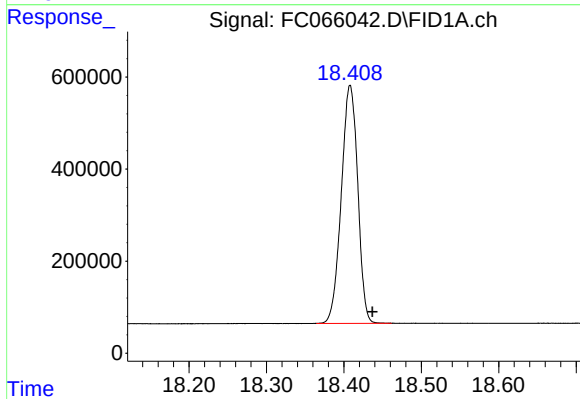
#16 n-Octacosane (C28)

R.T.: 16.701 min
Delta R.T.: -0.026 min
Response: 7511305
Conc: 45.18 ug/ml



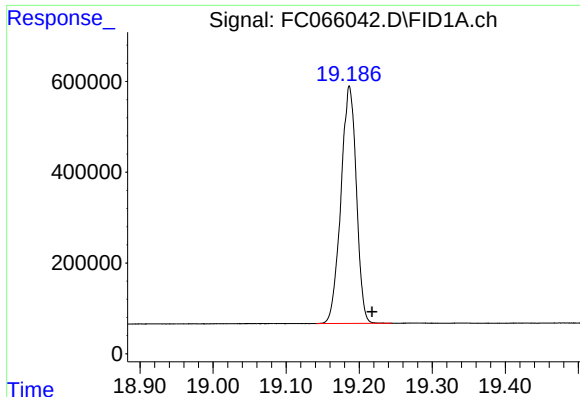
#17 n-Tricontane (C30)

R.T.: 17.582 min
Delta R.T.: -0.027 min
Response: 7680293
Conc: 44.98 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.408 min
Delta R.T.: -0.029 min
Response: 7629784
Conc: 45.26 ug/ml m



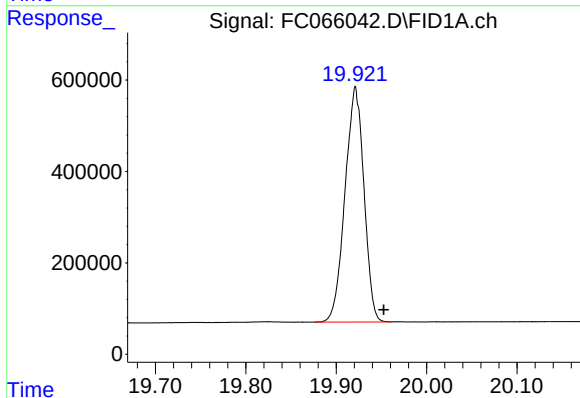
#19 n-Tetratriacontane (C34)

R.T.: 19.187 min
Delta R.T.: -0.031 min
Response: 7679419
Conc: 46.86 ug/ml

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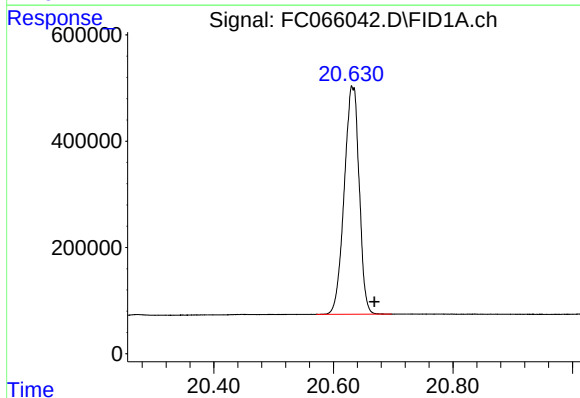
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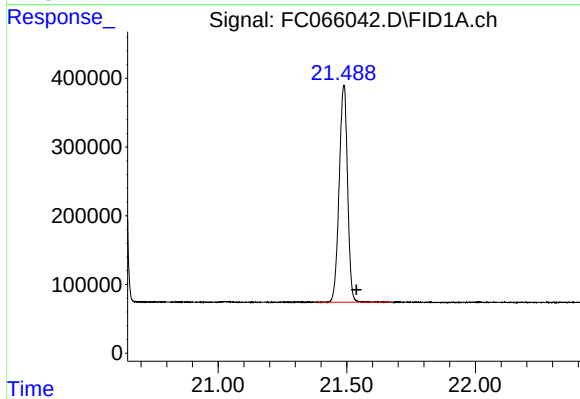
#20 n-Hexatriacontane (C36)

R.T.: 19.921 min
Delta R.T.: -0.032 min
Response: 7480711
Conc: 47.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.632 min
Delta R.T.: -0.037 min
Response: 7447350
Conc: 47.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.489 min
Delta R.T.: -0.049 min
Response: 7170820
Conc: 45.35 ug/ml