

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\F112223AL\
 Data File : FC065283.D
 Signal(s) : FID1A.ch
 Acq On : 22 Nov 2023 20:25
 Operator : YP/AJ
 Sample : 05451-05MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 WC-SOIL-EPH-01MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/24/2023
 Supervised By :Ankita Jodhani 11/27/2023

Integration File: autoint1.e
 Quant Time: Nov 22 22:47:12 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...	12.940	4414748	27.927 ug/ml
Spiked Amount 50.000		Recovery =	55.85%
Target Compounds			
1) T n-Nonane (C9)	3.306	4353046	23.024 ug/ml
2) T n-Decane (C10)	4.366	5346504	28.118 ug/ml
4) T n-Dodecane (C12)	6.378	6253034	32.370 ug/ml
6) T n-Tetradecane (C14)	8.166	6512950	34.517 ug/ml
7) T n-Hexadecane (C16)	9.761	6890151	36.451 ug/ml
8) T n-Octadecane (C18)	11.195	7445471	39.451 ug/ml
10) T n-Eicosane (C20)	12.499	7481998	41.617 ug/ml
11) T n-Heneicosane (C21)	13.108	7124292	40.578 ug/ml
13) T n-Docosane (C22)	13.692	7026304	40.905 ug/ml
14) T n-Tetracosane (C24)	14.789	6741216	40.474 ug/ml
15) T n-Hexacosane (C26)	15.807	6515433	40.592 ug/ml
16) T n-Octacosane (C28)	16.752	6264944	40.031 ug/ml
17) T n-Tricontane (C30)	17.635	6177034	38.998 ug/ml
18) T n-Dotriacontane (C32)	18.463	6036784	38.233 ug/ml
19) T n-Tetratriacontane (C34)	19.244	5898697	38.645 ug/mlm
20) T n-Hexatriacontane (C36)	19.981	5633302	37.336 ug/ml
21) T n-Octatriacontane (C38)	20.699	5500689	36.963 ug/ml
22) T n-Tetracontane (C40)	21.577	5359230	36.438 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : 05451-05MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

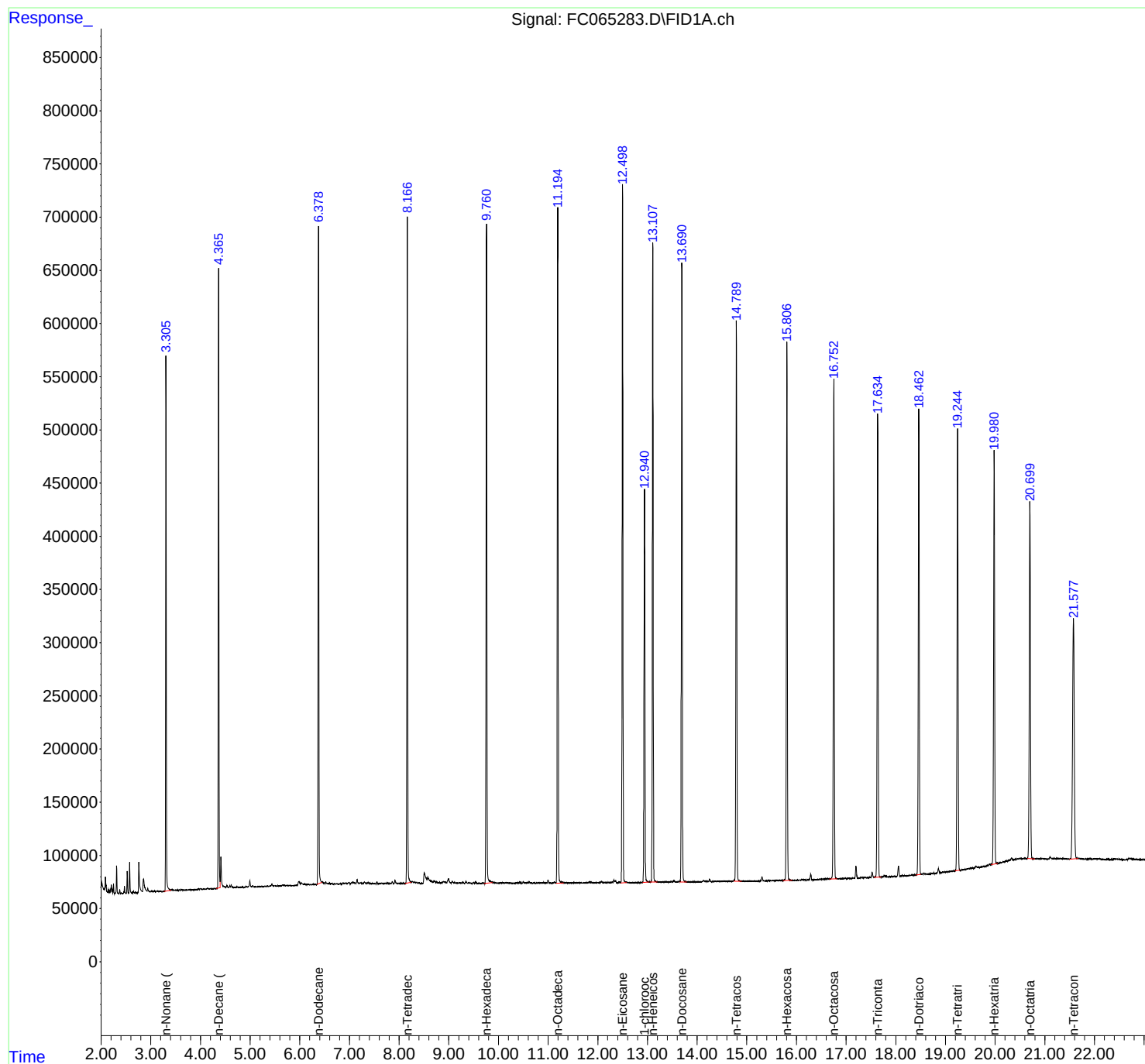
Instrument :
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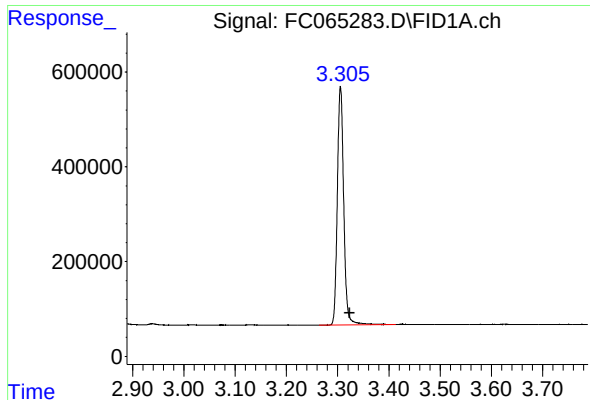
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.306 min
Delta R.T.: -0.018 min
Response: 4353046
Conc: 23.02 ug/ml

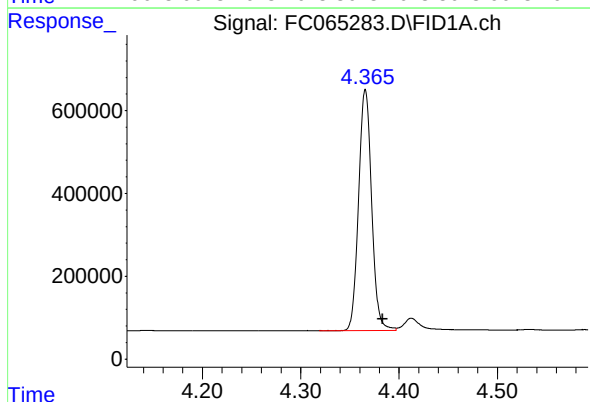
Instrument :

FID_C

ClientSampleId :
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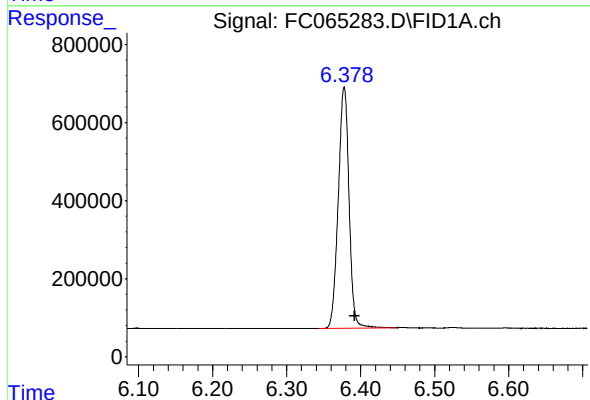
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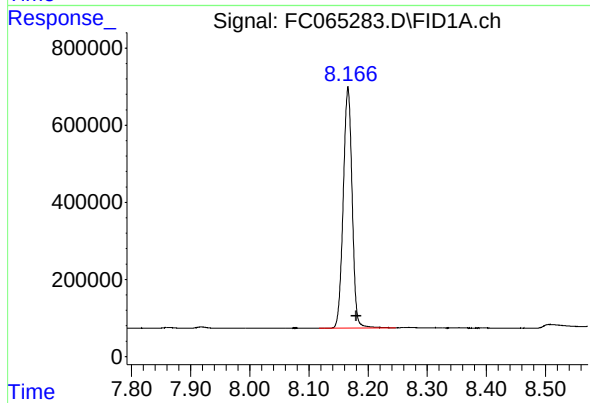
#2 n-Decane (C10)

R.T.: 4.366 min
Delta R.T.: -0.018 min
Response: 5346504
Conc: 28.12 ug/ml



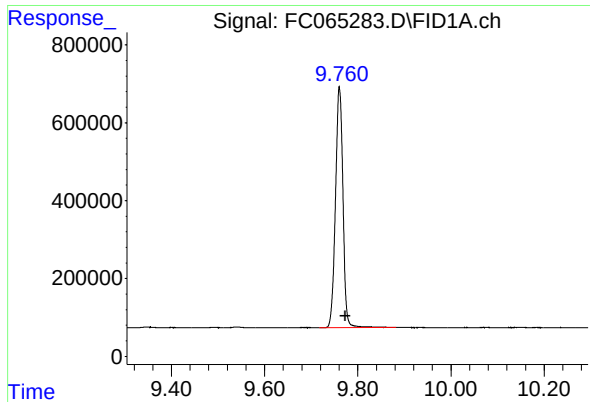
#4 n-Dodecane (C12)

R.T.: 6.378 min
Delta R.T.: -0.014 min
Response: 6253034
Conc: 32.37 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: -0.014 min
Response: 6512950
Conc: 34.52 ug/ml



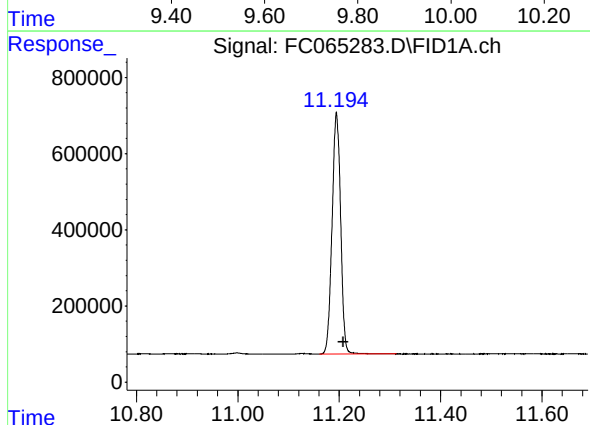
#7 n-Hexadecane (C16)

R.T.: 9.761 min
Delta R.T.: -0.013 min
Response: 6890151
Conc: 36.45 ug/ml

Instrument :
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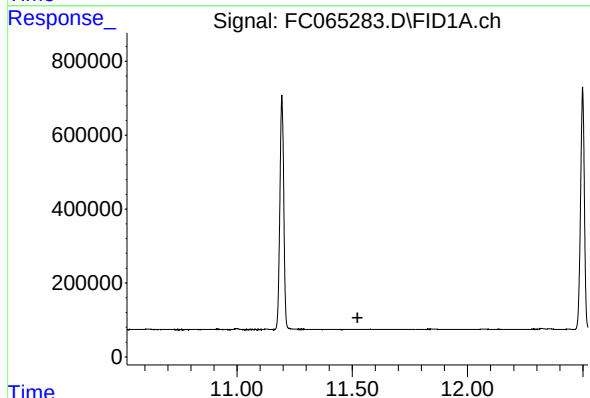
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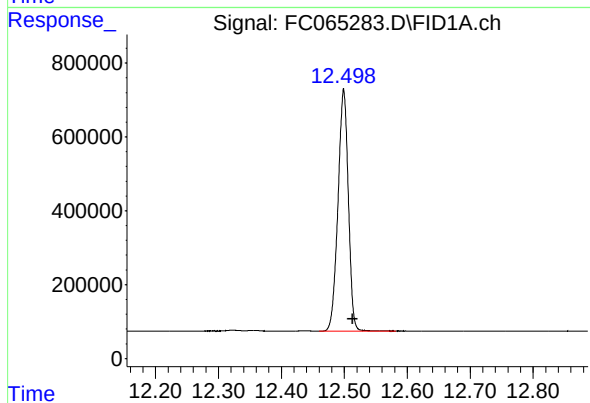
#8 n-Octadecane (C18)

R.T.: 11.195 min
Delta R.T.: -0.014 min
Response: 7445471
Conc: 39.45 ug/ml



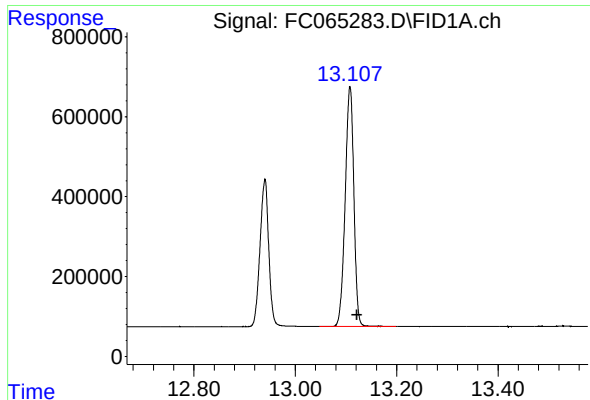
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.014 min
Response: 7481998
Conc: 41.62 ug/ml



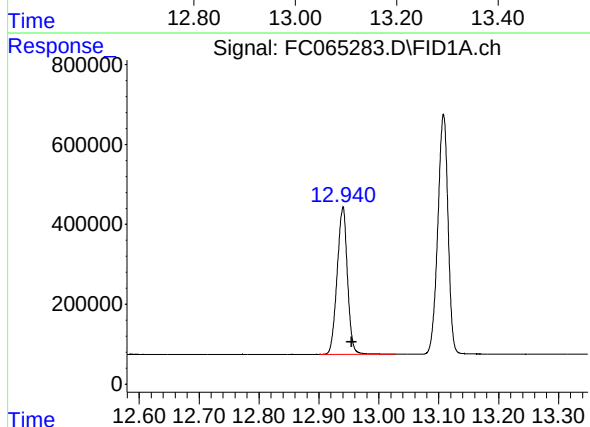
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.013 min
Response: 7124292
Conc: 40.58 ug/ml

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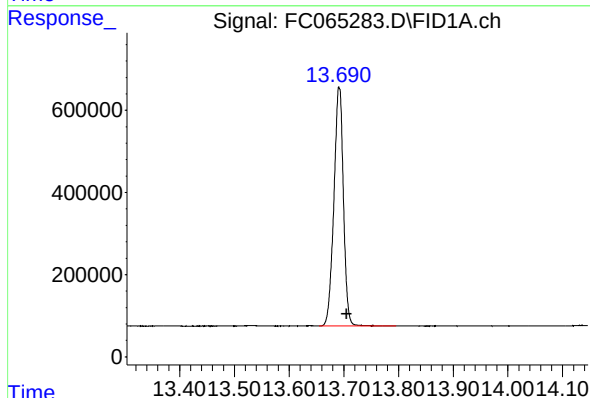
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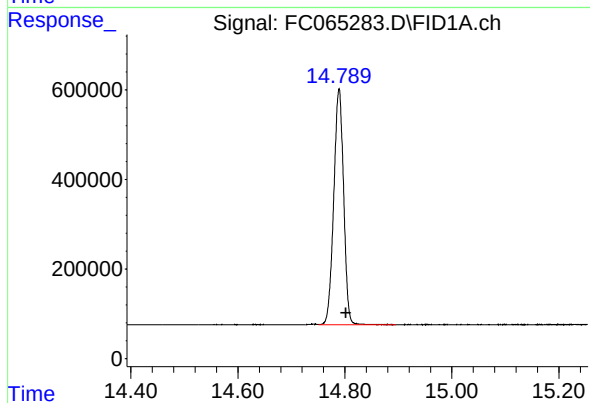
#12 1-chlorooctadecane (SURR)

R.T.: 12.940 min
Delta R.T.: -0.015 min
Response: 4414748
Conc: 27.93 ug/ml



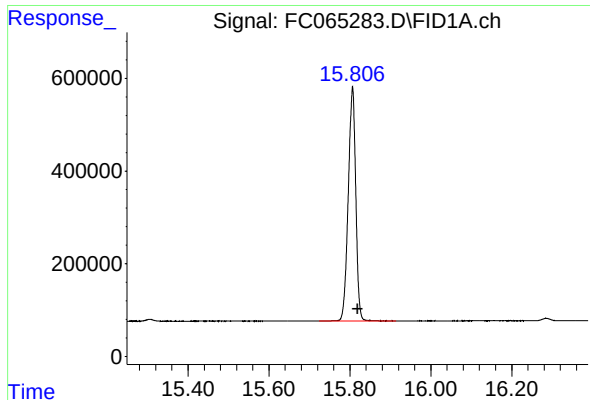
#13 n-Docosane (C22)

R.T.: 13.692 min
Delta R.T.: -0.014 min
Response: 7026304
Conc: 40.90 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.789 min
Delta R.T.: -0.013 min
Response: 6741216
Conc: 40.47 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.807 min
Delta R.T.: -0.012 min
Response: 6515433
Conc: 40.59 ug/ml

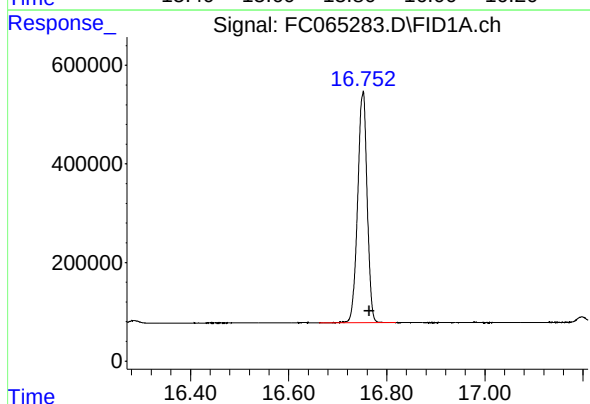
Instrument :

FID_C

ClientSampleId :
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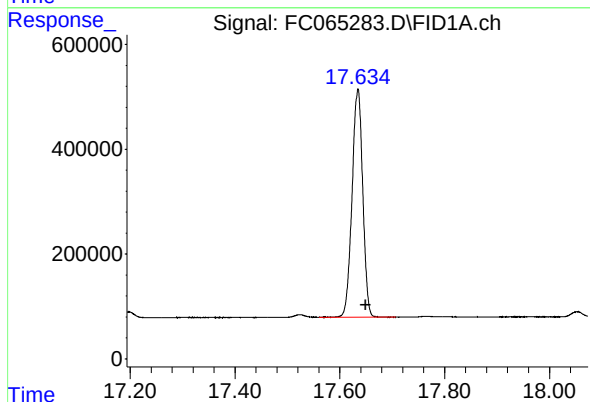
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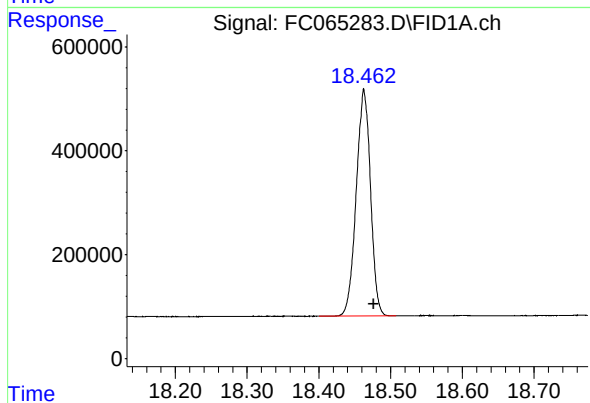
#16 n-Octacosane (C28)

R.T.: 16.752 min
Delta R.T.: -0.013 min
Response: 6264944
Conc: 40.03 ug/ml



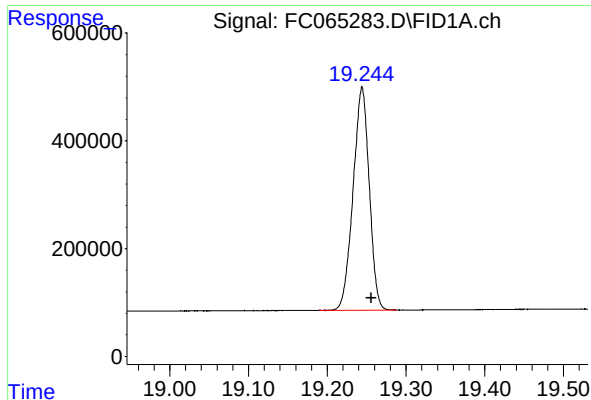
#17 n-Tricontane (C30)

R.T.: 17.635 min
Delta R.T.: -0.015 min
Response: 6177034
Conc: 39.00 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.463 min
Delta R.T.: -0.014 min
Response: 6036784
Conc: 38.23 ug/ml



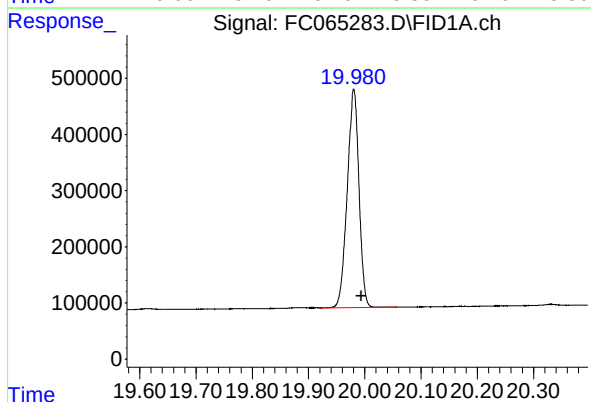
#19 n-Tetratriacontane (C34)

R.T.: 19.244 min
Delta R.T.: -0.012 min
Response: 5898697
Conc: 38.64 ug/ml

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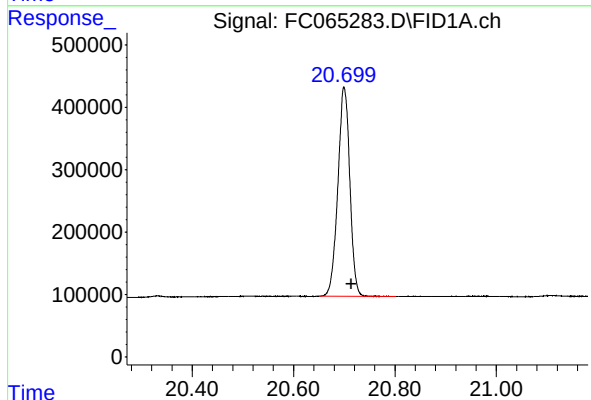
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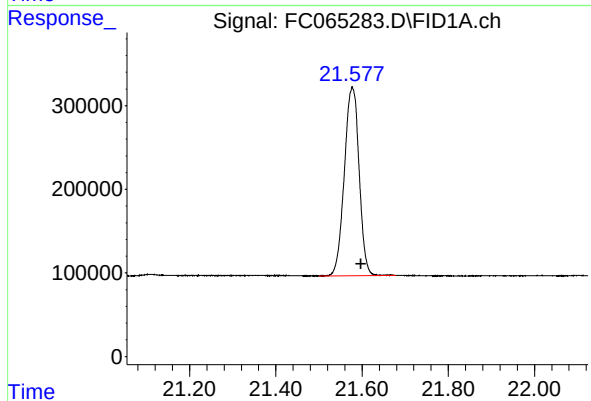
#20 n-Hexatriacontane (C36)

R.T.: 19.981 min
Delta R.T.: -0.013 min
Response: 5633302
Conc: 37.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.699 min
Delta R.T.: -0.015 min
Response: 5500689
Conc: 36.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.577 min
Delta R.T.: -0.020 min
Response: 5359230
Conc: 36.44 ug/ml