

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058950.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 20:12
 Operator : UA/NP
 Sample : N2142-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CW-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/30/2022
 Supervised By :mohammad ahmed 04/01/2022

Integration File: sample.E
 Quant Time: Mar 30 03:23:31 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 032522.M
 Quant Title : GC Extractables
 QLast Update : Fri Mar 25 23:18:46 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.546	5068946	45.220 ug/ml
Spiked Amount 50.000		Recovery =	90.44%
Target Compounds			
1) T n-Nonane (C9)	2.954	2423974	19.780 ug/ml
2) T n-Decane (C10)	3.995	2955737	24.120 ug/mlm
4) T n-Dodecane (C12)	5.996	4033642	31.580 ug/ml
6) T n-Tetradecane (C14)	7.779	4818238	37.057 ug/mlm
7) T n-Hexadecane (C16)	9.372	5327702	40.121 ug/ml
8) T n-Octadecane (C18)	10.806	5696898	42.848 ug/ml
10) T n-Eicosane (C20)	12.109	5348659	40.822 ug/ml
11) T n-Heneicosane (C21)	12.719	5227435	40.064 ug/ml
13) T n-Docosane (C22)	13.302	5060682	39.065 ug/ml
14) T n-Tetracosane (C24)	14.400	5075139	40.176 ug/ml
15) T n-Hexacosane (C26)	15.416	4769472	39.485 ug/mlm
16) T n-Octacosane (C28)	16.365	5133308	43.351 ug/mlm
17) T n-Tricontane (C30)	17.248	4356827	38.192 ug/mlm
18) T n-Dotriacontane (C32)	18.076	4435504	41.403 ug/mlm
19) T n-Tetratriacontane (C34)	18.854	4800824	47.516 ug/mlm
20) T n-Hexatriacontane (C36)	19.593	4106623	42.979 ug/mlm
21) T n-Octatriacontane (C38)	20.288	3930466	42.714 ug/mlm
22) T n-Tetracontane (C40)	21.028	3820280	41.105 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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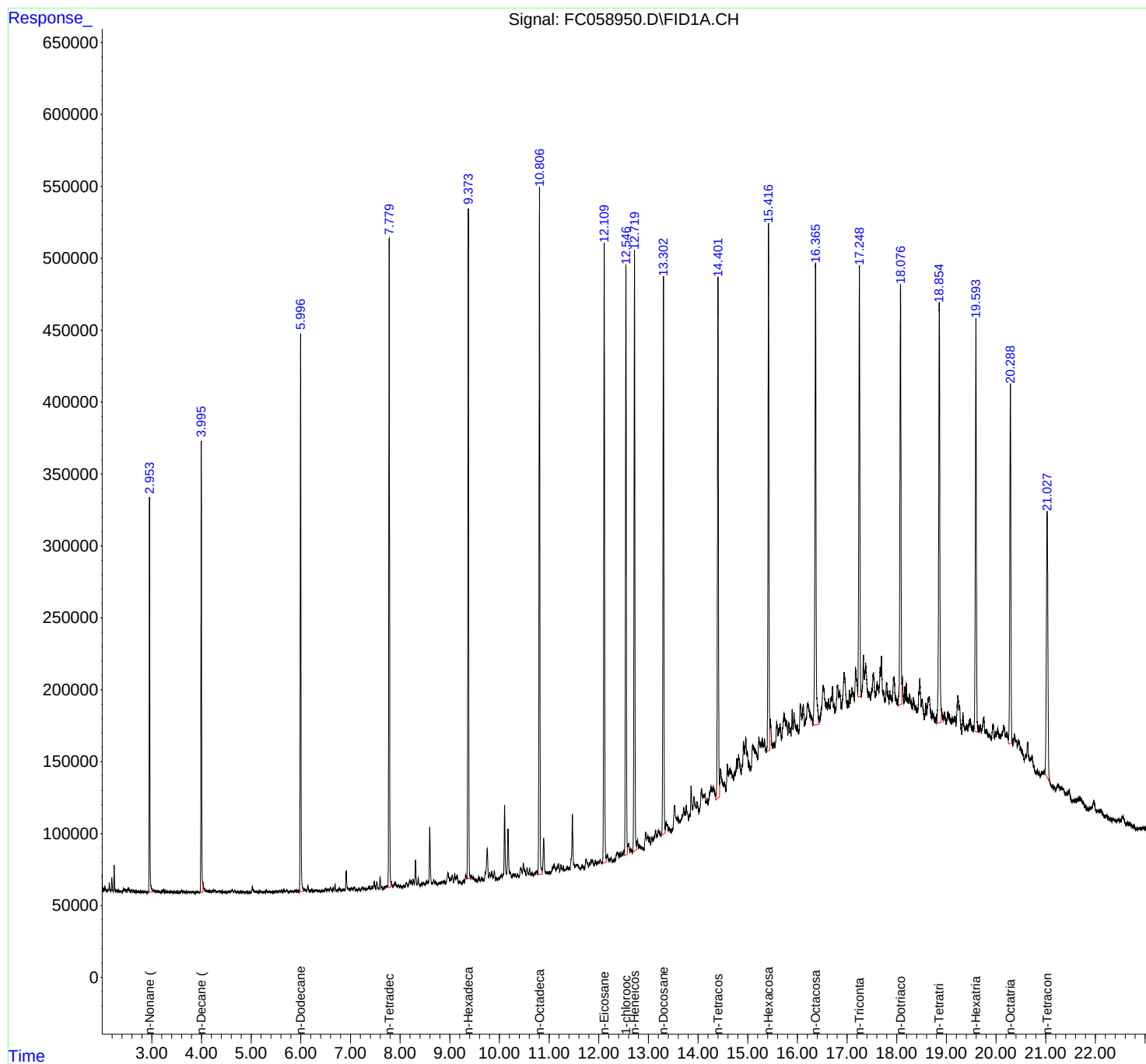
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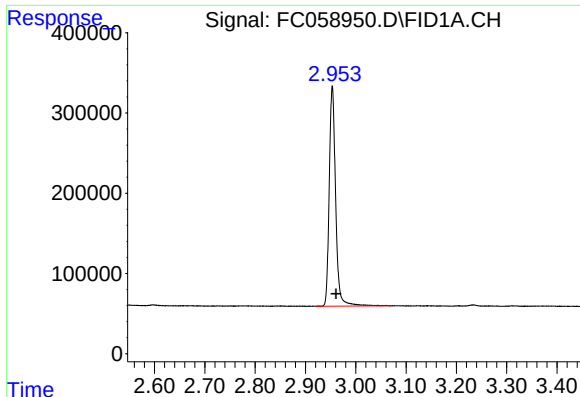
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#1 n-Nonane (C9)

R.T.: 2.954 min
Delta R.T.: -0.007 min
Response: 2423974
Conc: 19.78 ug/ml

Instrument :

FID_C

ClientSampleId :

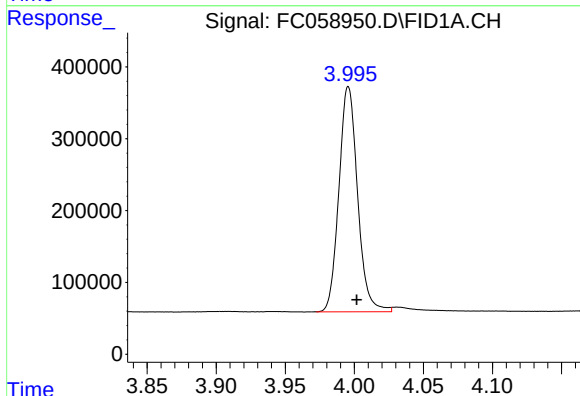
CW-1MS

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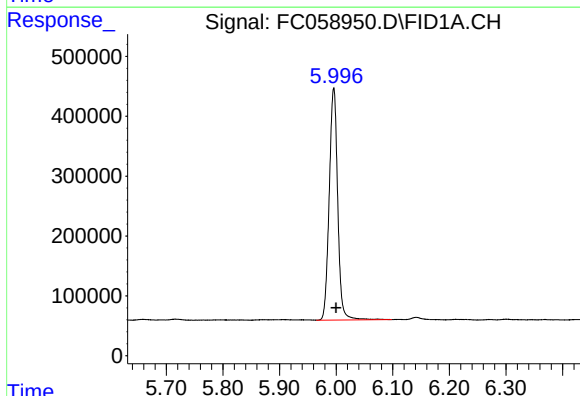
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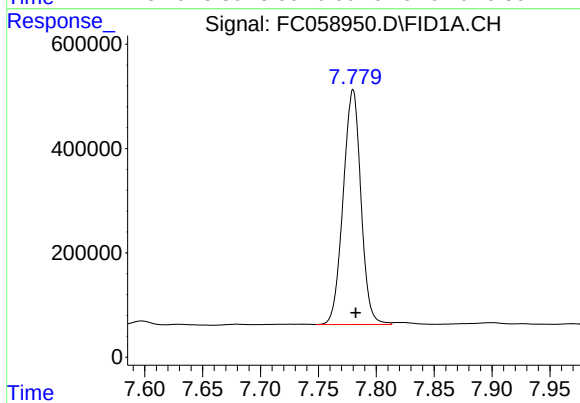
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.007 min
Response: 2955737
Conc: 24.12 ug/ml m



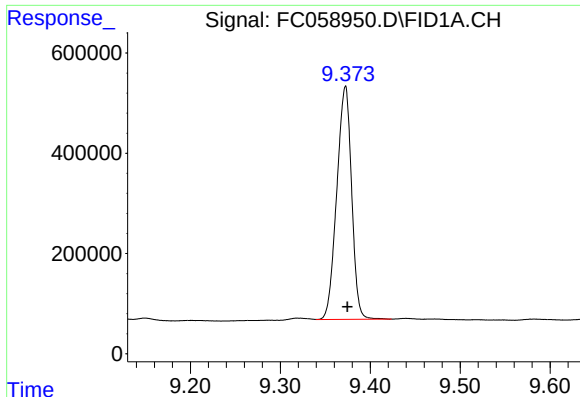
#4 n-Dodecane (C12)

R.T.: 5.996 min
Delta R.T.: -0.004 min
Response: 4033642
Conc: 31.58 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.779 min
Delta R.T.: -0.003 min
Response: 4818238
Conc: 37.06 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 5327702
Conc: 40.12 ug/ml

Instrument :

FID_C

ClientSampleId :

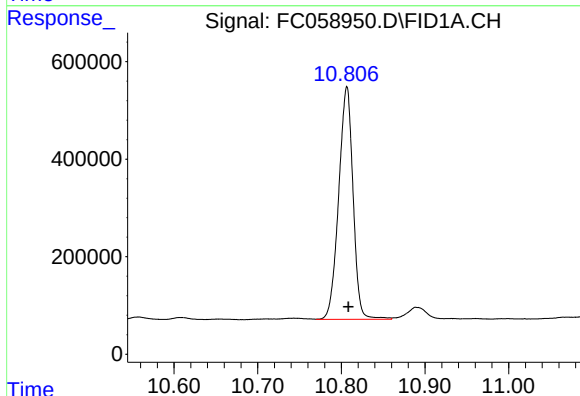
CW-1MS

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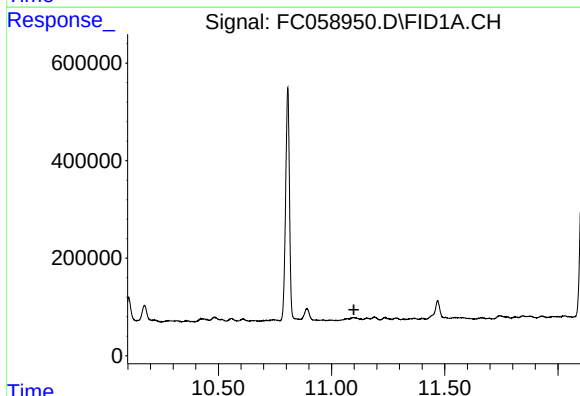
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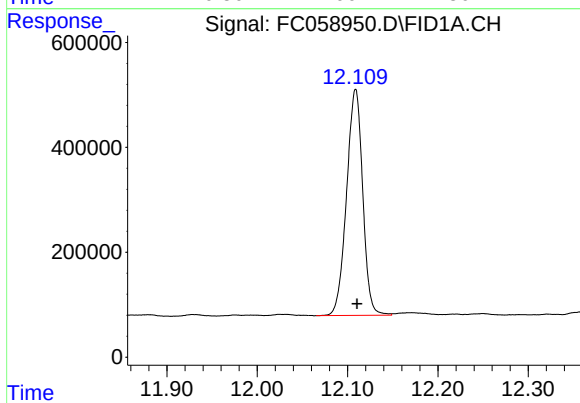
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: -0.002 min
Response: 5696898
Conc: 42.85 ug/ml



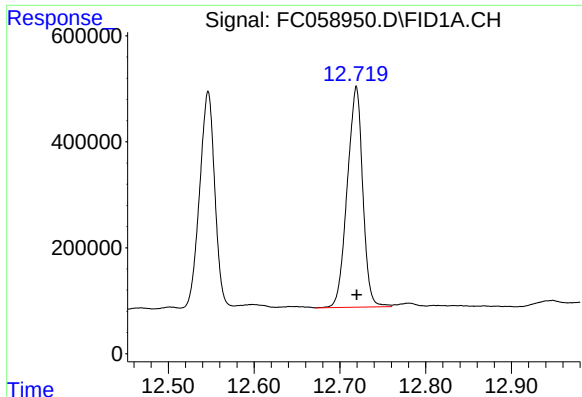
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.099 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.109 min
Delta R.T.: -0.002 min
Response: 5348659
Conc: 40.82 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.719 min
Delta R.T.: 0.000 min
Response: 5227435
Conc: 40.06 ug/ml

Instrument :

FID_C

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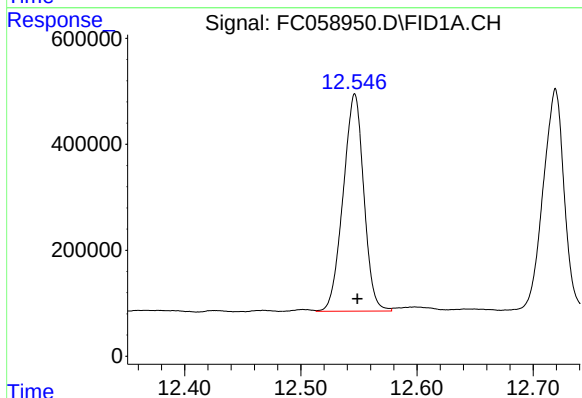
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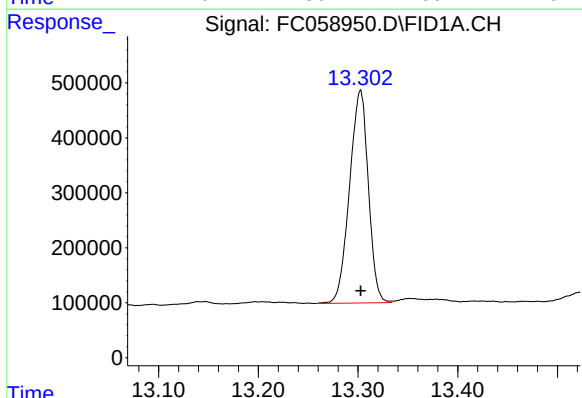
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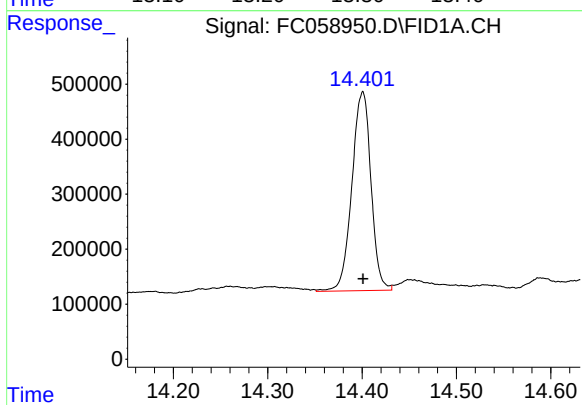
#12 1-chlorooctadecane (SURR)

R.T.: 12.546 min
Delta R.T.: -0.002 min
Response: 5068946
Conc: 45.22 ug/ml



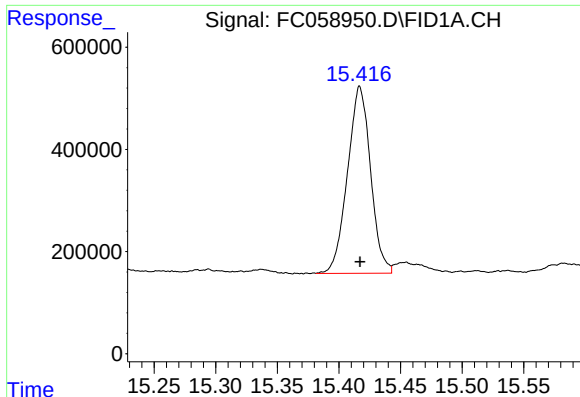
#13 n-Docosane (C22)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 5060682
Conc: 39.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.400 min
Delta R.T.: 0.000 min
Response: 5075139
Conc: 40.18 ug/ml



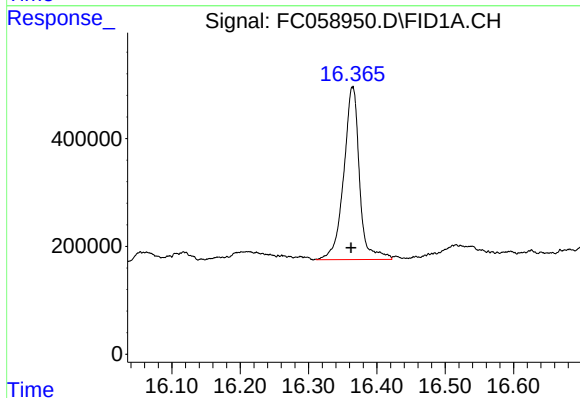
#15 n-Hexacosane (C26)

R.T.: 15.416 min
Delta R.T.: 0.000 min
Response: 4769472
Conc: 39.48 ug/ml

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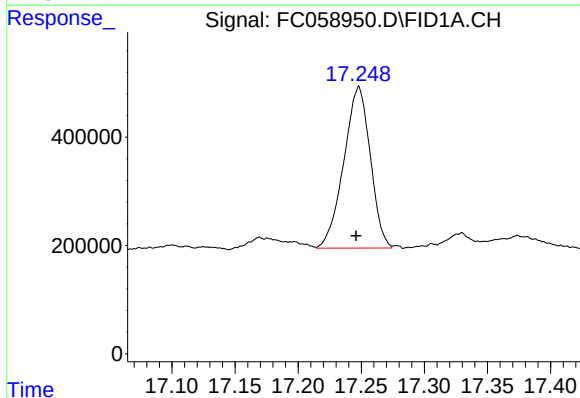
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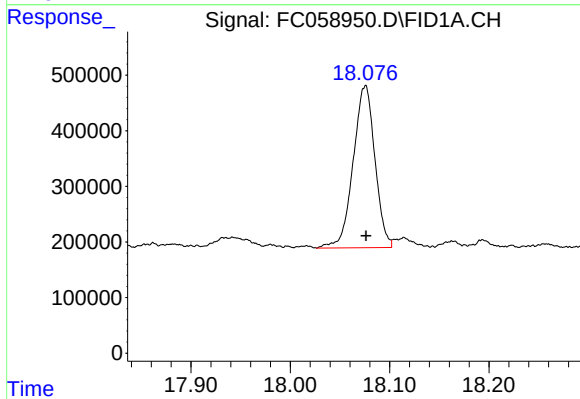
#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.003 min
Response: 5133308
Conc: 43.35 ug/ml m



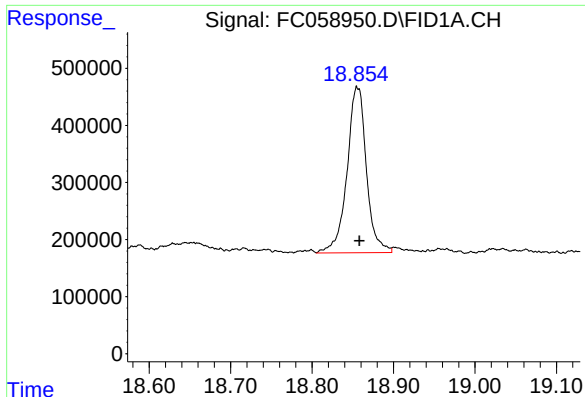
#17 n-Tricontane (C30)

R.T.: 17.248 min
Delta R.T.: 0.002 min
Response: 4356827
Conc: 38.19 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 4435504
Conc: 41.40 ug/ml m



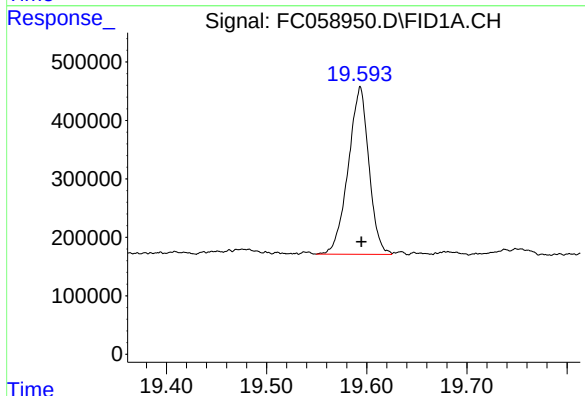
#19 n-Tetratriacontane (C34)

R.T.: 18.854 min
Delta R.T.: -0.004 min
Response: 4800824
Conc: 47.52 ug/ml

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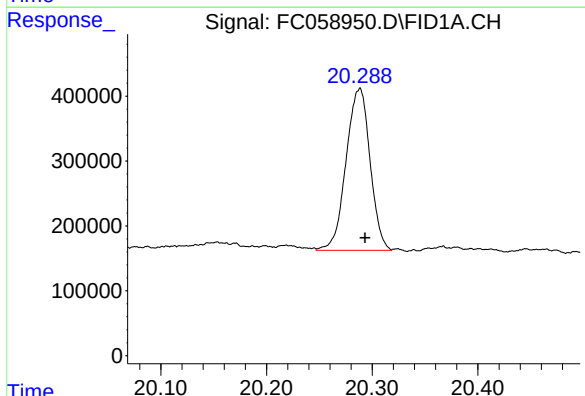
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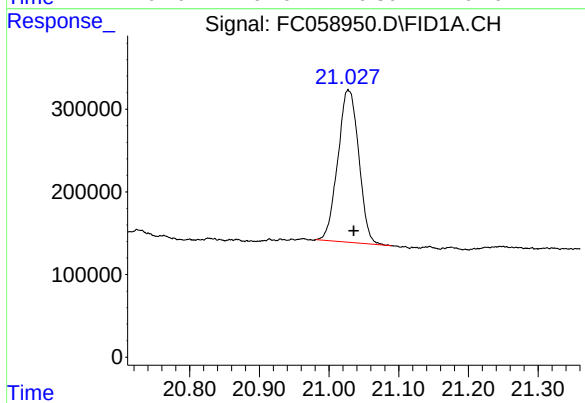
#20 n-Hexatriacontane (C36)

R.T.: 19.593 min
Delta R.T.: -0.002 min
Response: 4106623
Conc: 42.98 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.288 min
Delta R.T.: -0.005 min
Response: 3930466
Conc: 42.71 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.028 min
Delta R.T.: -0.008 min
Response: 3820280
Conc: 41.11 ug/ml