

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032922AL\
 Data File : FC058951.D
 Signal(s) : FID1A.CH
 Acq On : 29 Mar 2022 20:52
 Operator : UA/NP
 Sample : N2142-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 CW-1MSD

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 03:23:43 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...	12.545	5255727	46.887 ug/ml
Spiked Amount 50.000		Recovery =	93.77%
Target Compounds			
1) T n-Nonane (C9)	2.955	2412030	19.683 ug/ml
2) T n-Decane (C10)	3.995	2944129	24.025 ug/mlm
4) T n-Dodecane (C12)	5.995	4036025	31.599 ug/ml
6) T n-Tetradecane (C14)	7.780	4832037	37.163 ug/mlm
7) T n-Hexadecane (C16)	9.372	5328073	40.123 ug/ml
8) T n-Octadecane (C18)	10.806	5699460	42.867 ug/ml
10) T n-Eicosane (C20)	12.108	5372589	41.005 ug/ml
11) T n-Heneicosane (C21)	12.716	5199275	39.848 ug/ml
13) T n-Docosane (C22)	13.300	5191501	40.075 ug/ml
14) T n-Tetracosane (C24)	14.399	5033101	39.843 ug/ml
15) T n-Hexacosane (C26)	15.417	4780185	39.574 ug/mlm
16) T n-Octacosane (C28)	16.364	4819013	40.697 ug/mlm
17) T n-Tricontane (C30)	17.247	4277001	37.492 ug/mlm
18) T n-Dotriacontane (C32)	18.076	4197578	39.182 ug/mlm
19) T n-Tetratriacontane (C34)	18.857	4747427	46.987 ug/mlm
20) T n-Hexatriacontane (C36)	19.591	4181178	43.760 ug/mlm
21) T n-Octatriacontane (C38)	20.288	3936358	42.778 ug/mlm
22) T n-Tetracontane (C40)	21.032	3757751	40.432 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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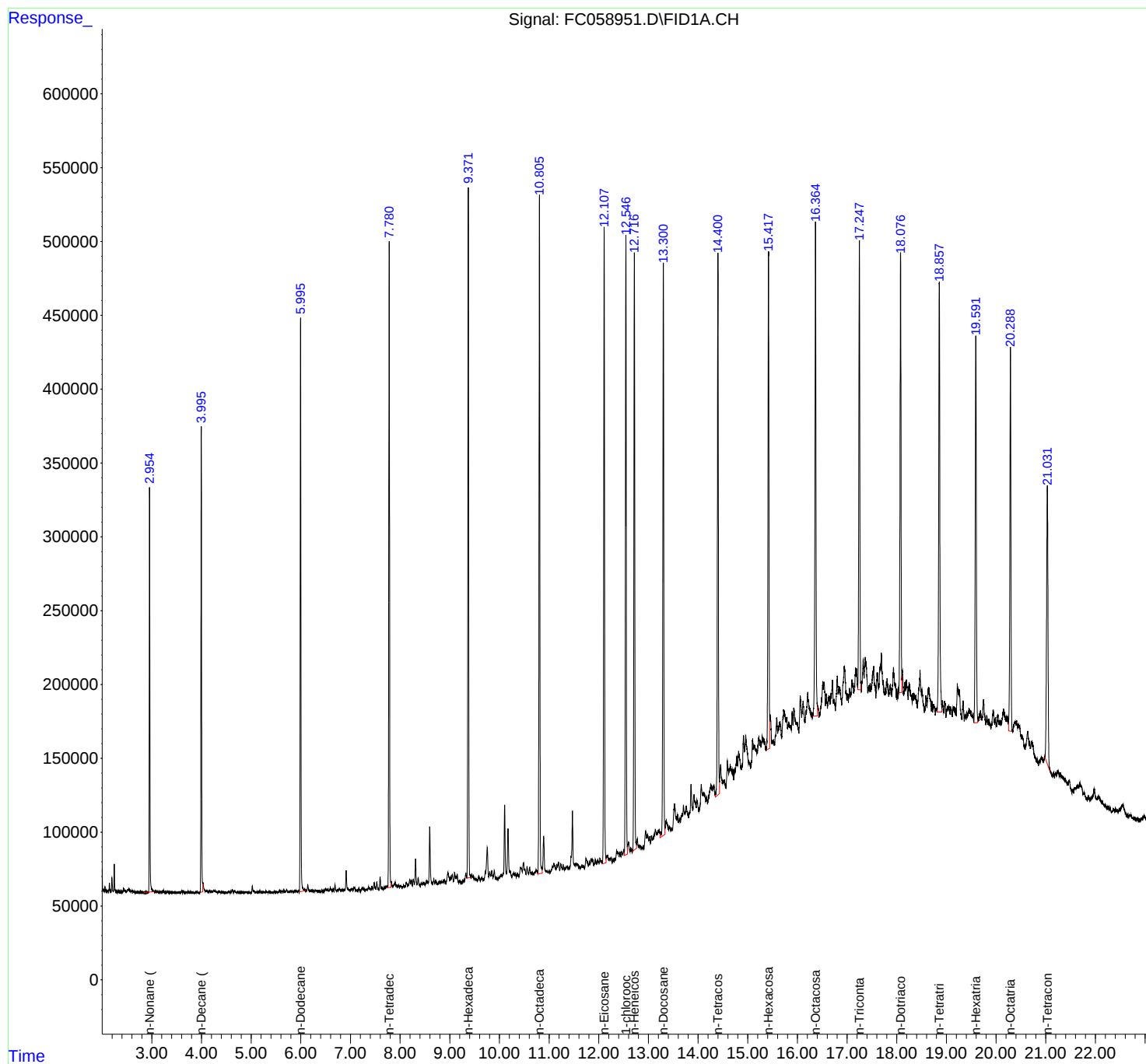
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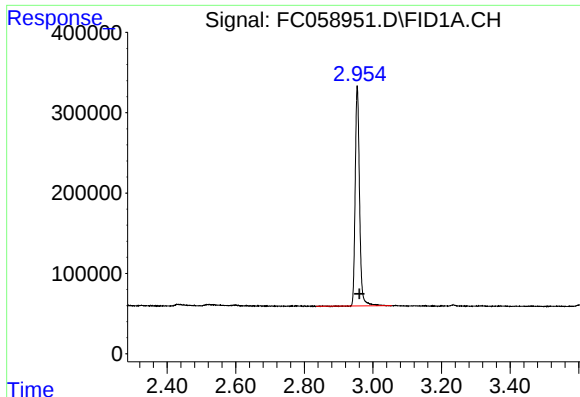
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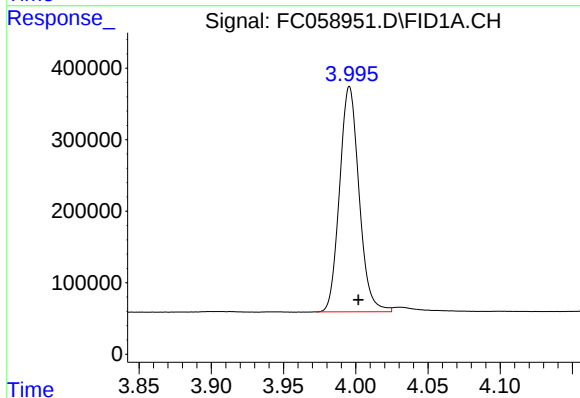
#1 n-Nonane (C9)

R.T.: 2.955 min
Delta R.T.: -0.006 min
Response: 2412030
Conc: 19.68 ug/ml

Instrument :
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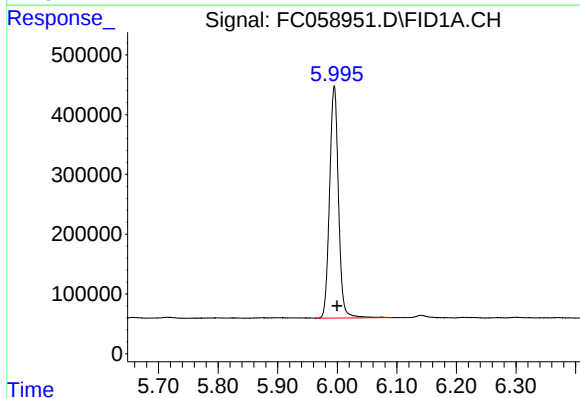
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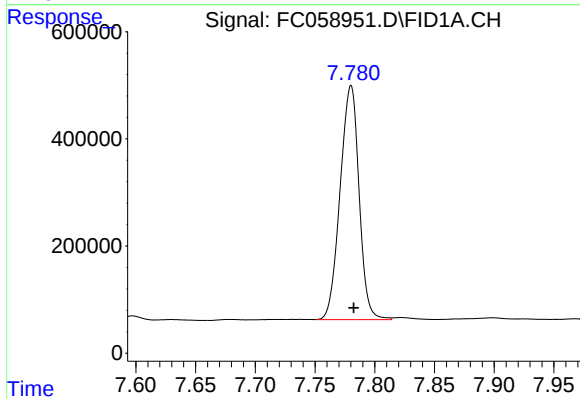
#2 n-Decane (C10)

R.T.: 3.995 min
Delta R.T.: -0.006 min
Response: 2944129
Conc: 24.02 ug/ml m



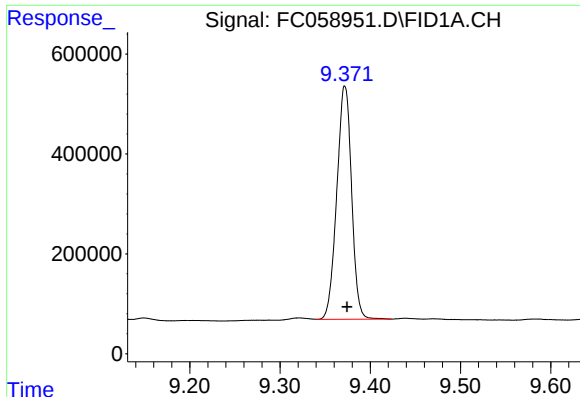
#4 n-Dodecane (C12)

R.T.: 5.995 min
Delta R.T.: -0.005 min
Response: 4036025
Conc: 31.60 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.780 min
Delta R.T.: -0.003 min
Response: 4832037
Conc: 37.16 ug/ml m



#7 n-Hexadecane (C16)

R.T.: 9.372 min
Delta R.T.: -0.003 min
Response: 5328073
Conc: 40.12 ug/ml

Instrument :

FID_C

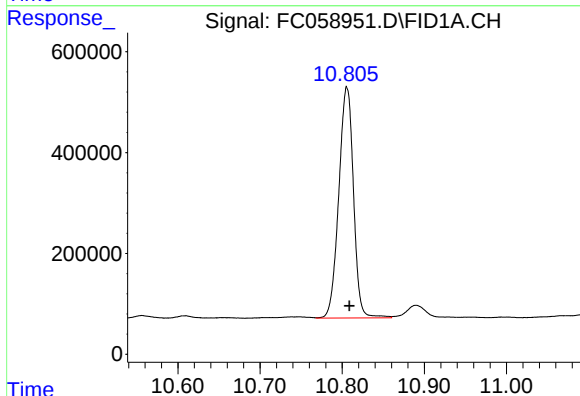
ClientSampleId :

CW-1MSD

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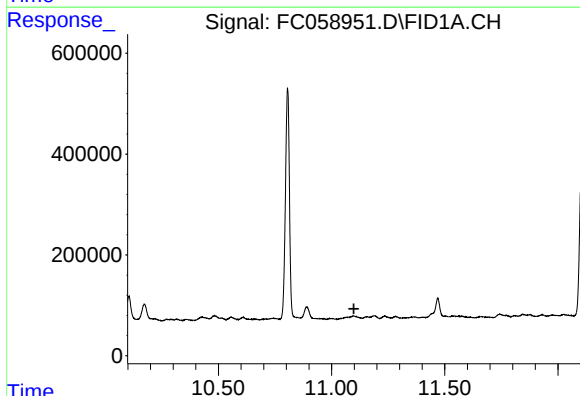
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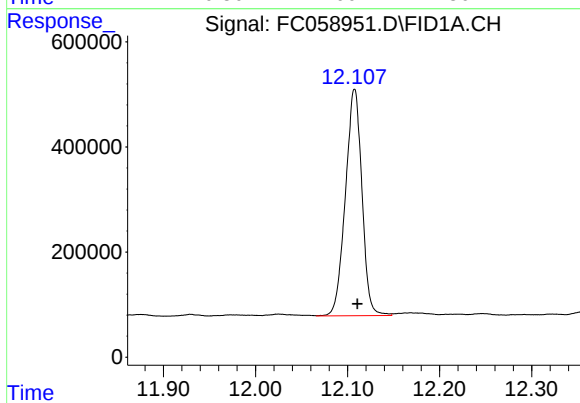
#8 n-Octadecane (C18)

R.T.: 10.806 min
Delta R.T.: -0.003 min
Response: 5699460
Conc: 42.87 ug/ml



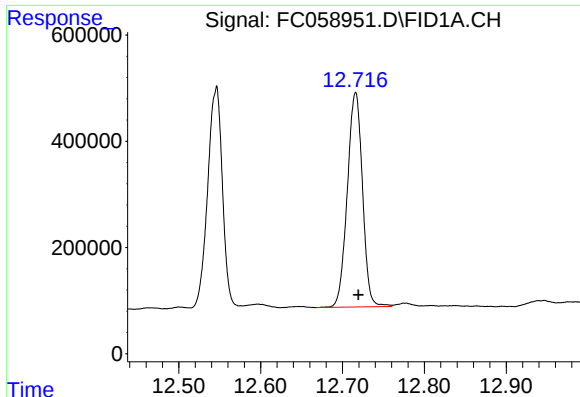
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.108 min
Delta R.T.: -0.003 min
Response: 5372589
Conc: 41.00 ug/ml



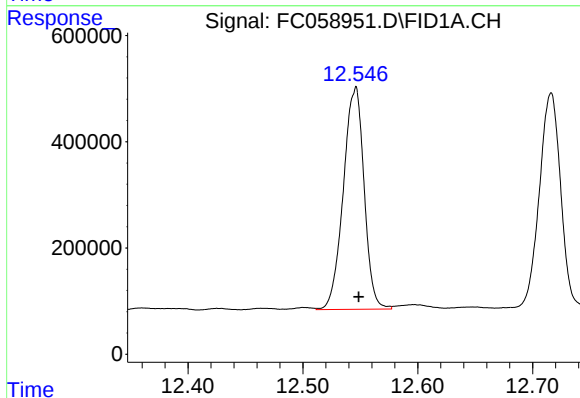
#11 n-Heneicosane (C21)

R.T.: 12.716 min
Delta R.T.: -0.004 min
Response: 5199275
Conc: 39.85 ug/ml

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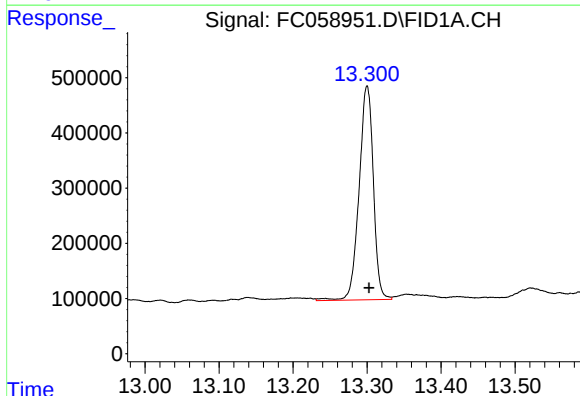
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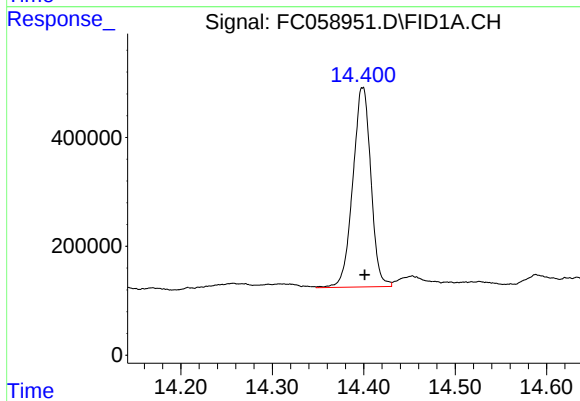
#12 1-chlorooctadecane (SURR)

R.T.: 12.545 min
Delta R.T.: -0.003 min
Response: 5255727
Conc: 46.89 ug/ml



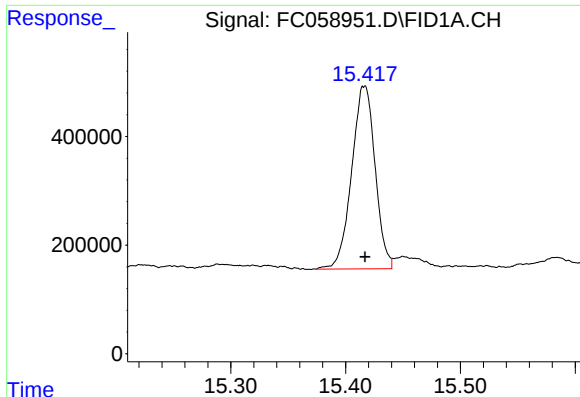
#13 n-Docosane (C22)

R.T.: 13.300 min
Delta R.T.: -0.003 min
Response: 5191501
Conc: 40.08 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.399 min
Delta R.T.: -0.002 min
Response: 5033101
Conc: 39.84 ug/ml



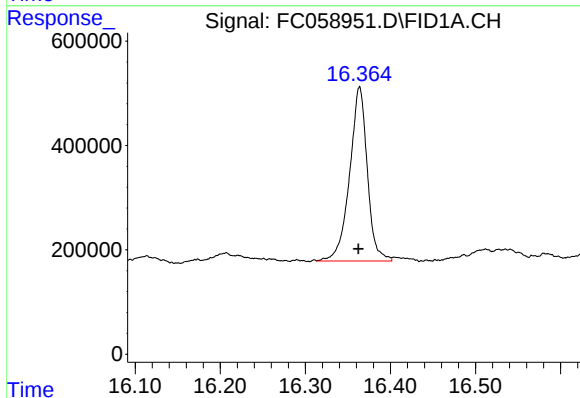
#15 n-Hexacosane (C26)

R.T.: 15.417 min
Delta R.T.: 0.000 min
Response: 4780185
Conc: 39.57 ug/ml

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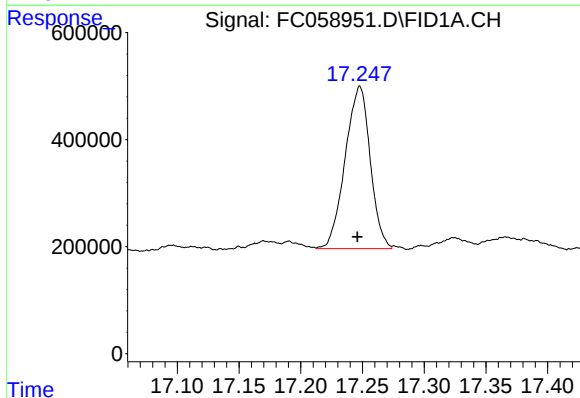
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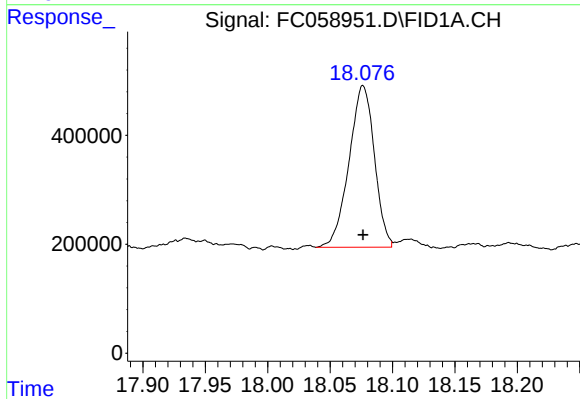
#16 n-Octacosane (C28)

R.T.: 16.364 min
Delta R.T.: 0.001 min
Response: 4819013
Conc: 40.70 ug/ml m



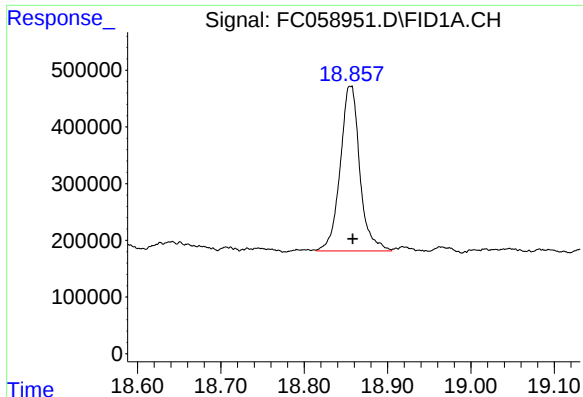
#17 n-Tricontane (C30)

R.T.: 17.247 min
Delta R.T.: 0.001 min
Response: 4277001
Conc: 37.49 ug/ml m



#18 n-Dotriacontane (C32)

R.T.: 18.076 min
Delta R.T.: 0.000 min
Response: 4197578
Conc: 39.18 ug/ml m



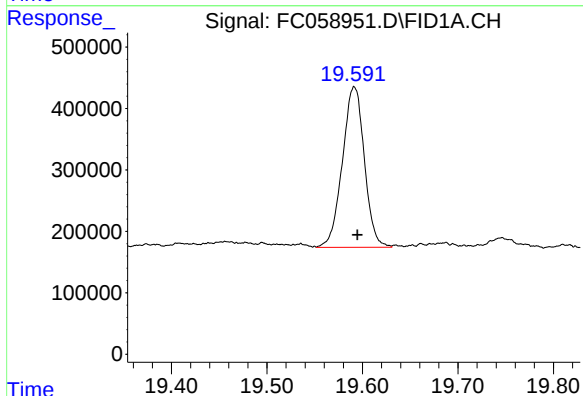
#19 n-Tetratriacontane (C34)

R.T.: 18.857 min
Delta R.T.: 0.000 min
Response: 4747427
Conc: 46.99 ug/ml

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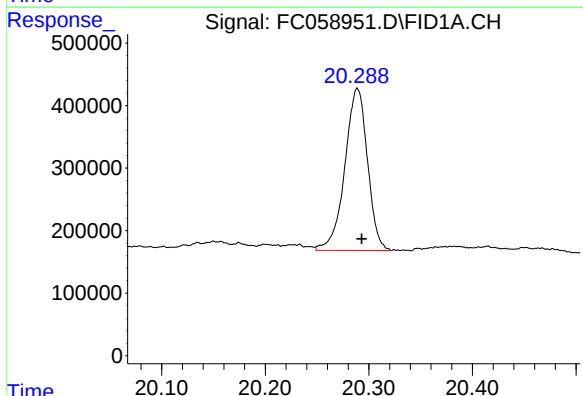
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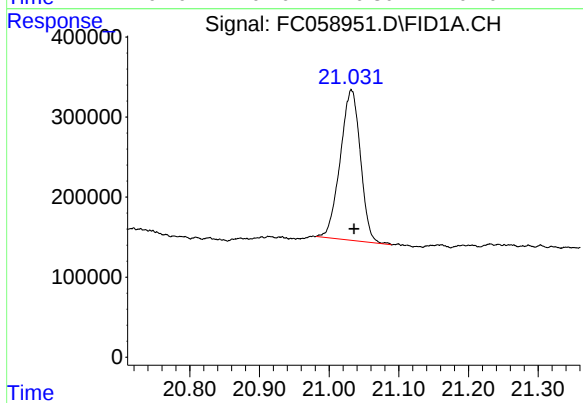
#20 n-Hexatriacontane (C36)

R.T.: 19.591 min
Delta R.T.: -0.004 min
Response: 4181178
Conc: 43.76 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.288 min
Delta R.T.: -0.005 min
Response: 3936358
Conc: 42.78 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.032 min
Delta R.T.: -0.004 min
Response: 3757751
Conc: 40.43 ug/ml