

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032522AL\
 Data File : FC058899.D
 Signal(s) : FID1A.CH
 Acq On : 26 Mar 2022 16:38
 Operator : UA/NP
 Sample : PB143605BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB143605BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/28/2022
 Supervised By :mohammad ahmed 03/30/2022

Integration File: autoint1.e
 Quant Time: Mar 26 23:43:50 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...	12.551	6804236	60.701 ug/ml
Spiked Amount 50.000		Recovery =	121.40%
Target Compounds			
1) T n-Nonane (C9)	2.956	3037370	24.786 ug/ml
2) T n-Decane (C10)	3.998	3652249	29.803 ug/ml
4) T n-Dodecane (C12)	5.998	4364668	34.172 ug/ml
6) T n-Tetradecane (C14)	7.783	4550954	35.002 ug/ml
7) T n-Hexadecane (C16)	9.376	4966893	37.403 ug/ml
8) T n-Octadecane (C18)	10.810	5391309	40.550 ug/ml
10) T n-Eicosane (C20)	12.112	5357011	40.886 ug/ml
11) T n-Heneicosane (C21)	12.722	5351544	41.015 ug/ml
13) T n-Docosane (C22)	13.305	5304895	40.950 ug/ml
14) T n-Tetracosane (C24)	14.403	5193991	41.116 ug/ml
15) T n-Hexacosane (C26)	15.419	4963760	41.093 ug/ml
16) T n-Octacosane (C28)	16.365	4814983	40.663 ug/ml
17) T n-Tricontane (C30)	17.249	4610546	40.416 ug/ml
18) T n-Dotriacontane (C32)	18.077	4369217	40.784 ug/ml
19) T n-Tetratriacontane (C34)	18.859	3966671	39.260 ug/ml
20) T n-Hexatriacontane (C36)	19.595	3338638	34.942 ug/ml
21) T n-Octatriacontane (C38)	20.291	2800425	30.433 ug/ml
22) T n-Tetracontane (C40)	21.036	2480864	26.693 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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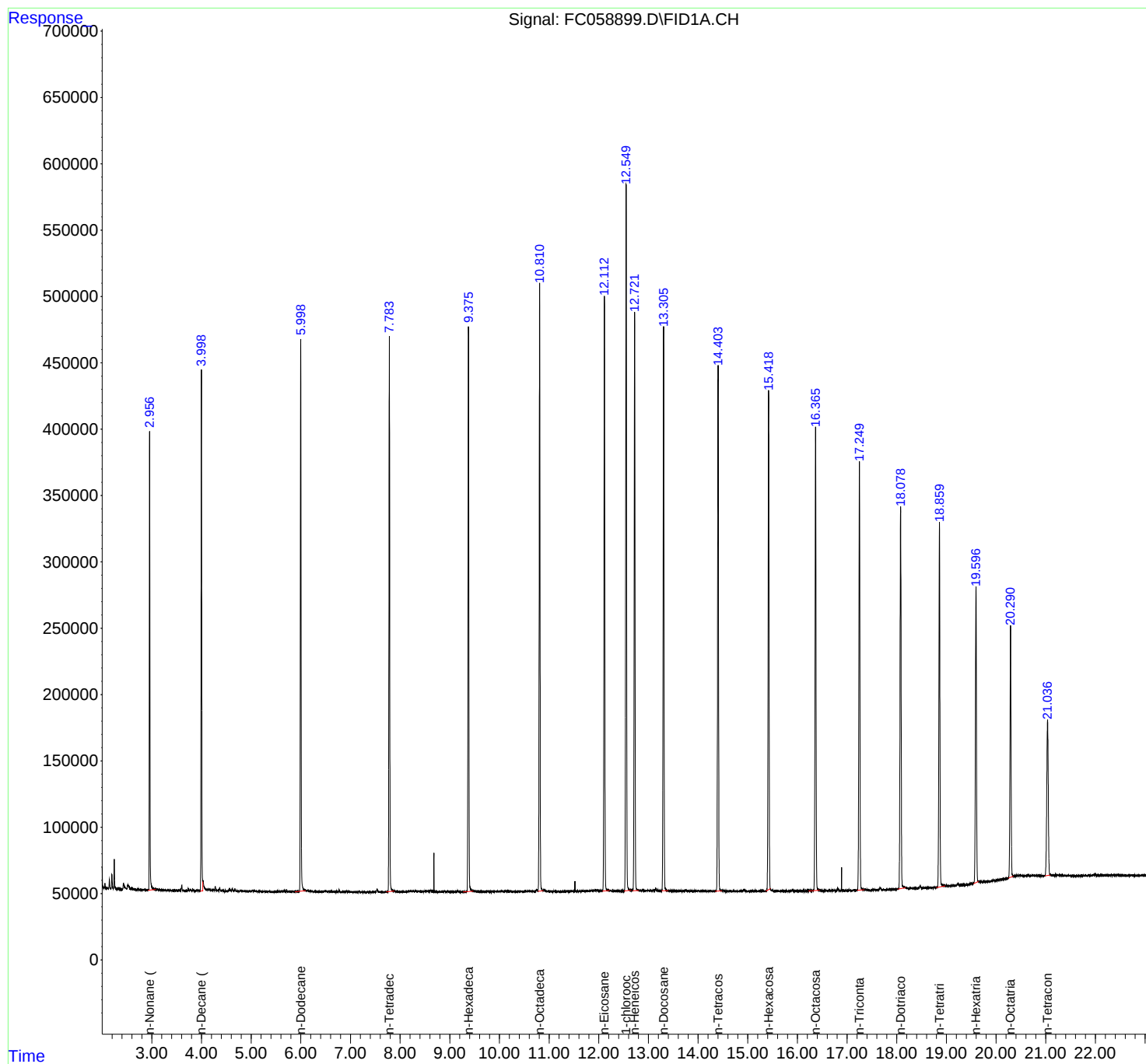
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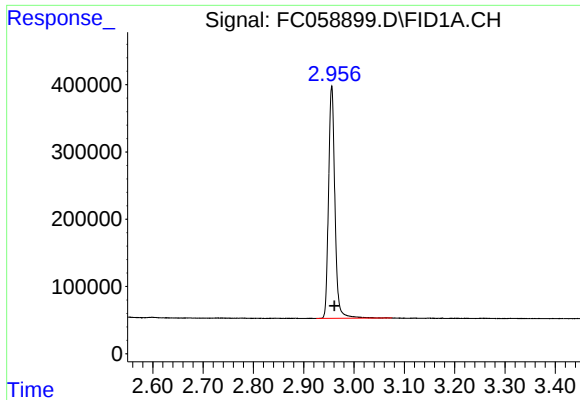
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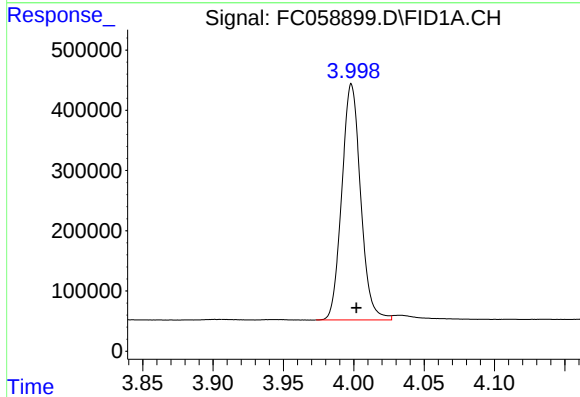
#1 n-Nonane (C9)

R.T.: 2.956 min
Delta R.T.: -0.005 min
Response: 3037370
Conc: 24.79 ug/ml

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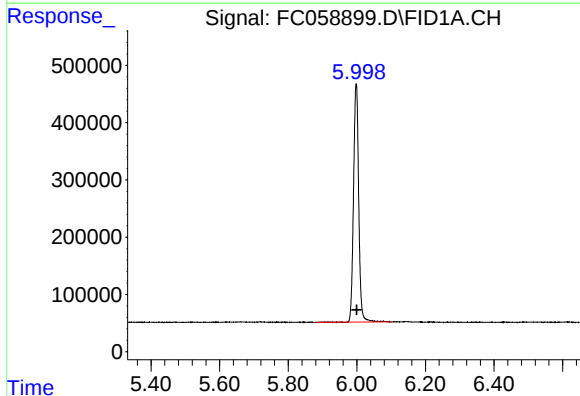
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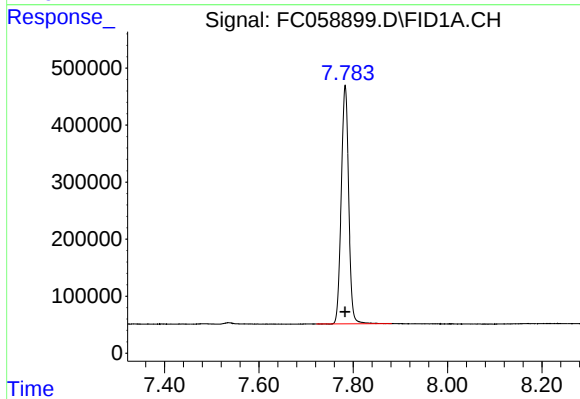
#2 n-Decane (C10)

R.T.: 3.998 min
Delta R.T.: -0.004 min
Response: 3652249
Conc: 29.80 ug/ml m



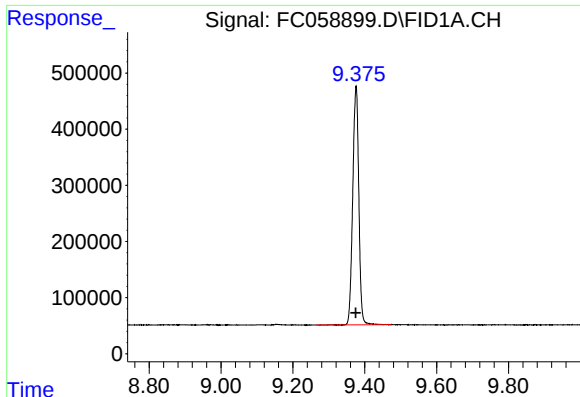
#4 n-Dodecane (C12)

R.T.: 5.998 min
Delta R.T.: -0.002 min
Response: 4364668
Conc: 34.17 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.783 min
Delta R.T.: 0.000 min
Response: 4550954
Conc: 35.00 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.376 min
Delta R.T.: 0.001 min
Response: 4966893
Conc: 37.40 ug/ml

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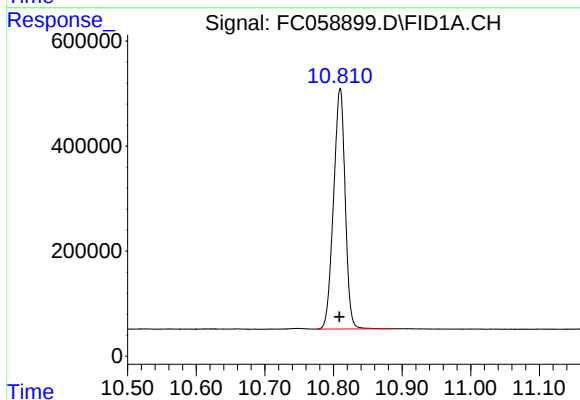
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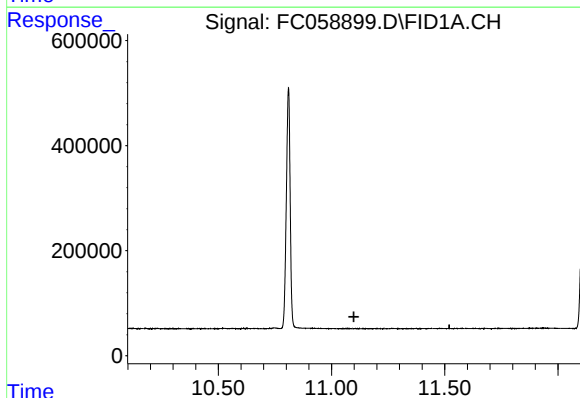
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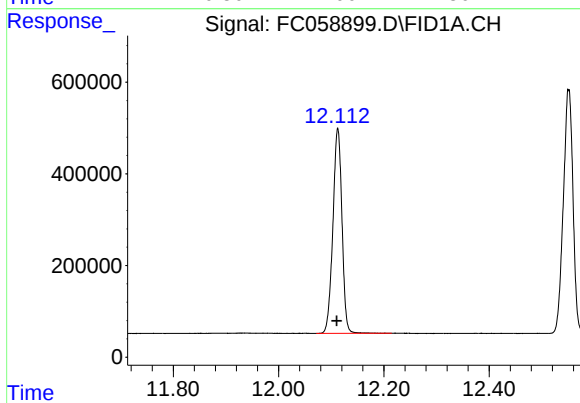
#8 n-Octadecane (C18)

R.T.: 10.810 min
Delta R.T.: 0.000 min
Response: 5391309
Conc: 40.55 ug/ml



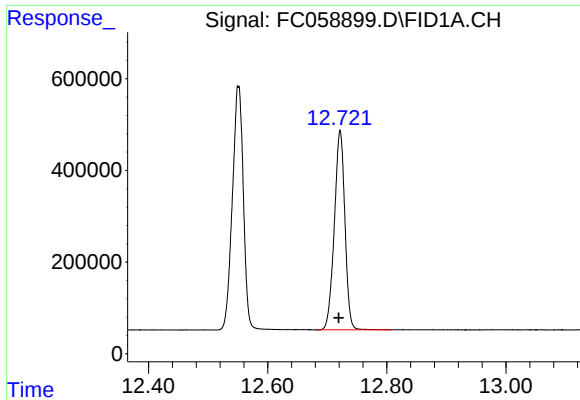
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.112 min
Delta R.T.: 0.002 min
Response: 5357011
Conc: 40.89 ug/ml



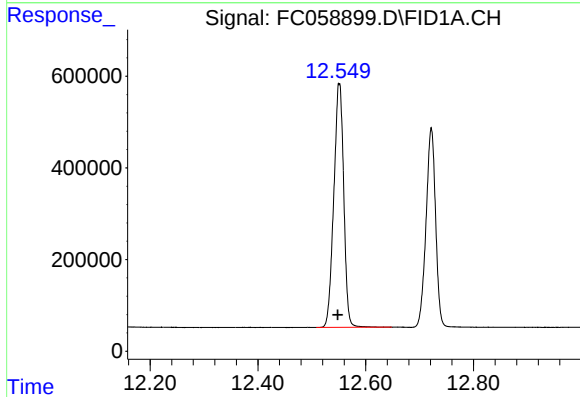
#11 n-Heneicosane (C21)

R.T.: 12.722 min
Delta R.T.: 0.002 min
Response: 5351544
Conc: 41.01 ug/ml

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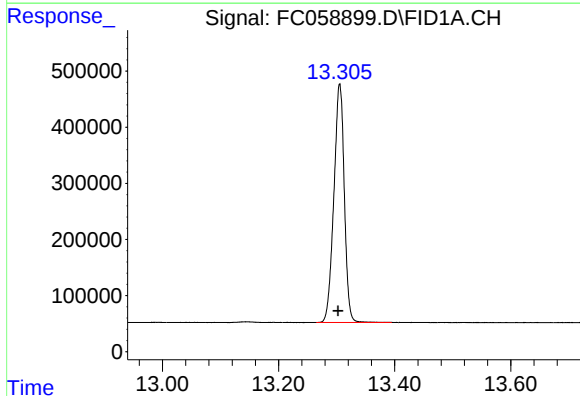
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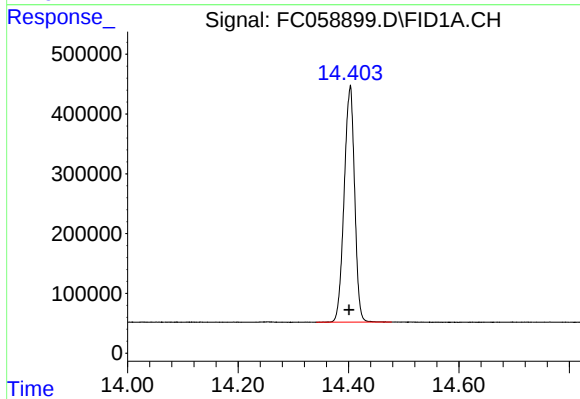
#12 1-chlorooctadecane (SURR)

R.T.: 12.551 min
Delta R.T.: 0.002 min
Response: 6804236
Conc: 60.70 ug/ml



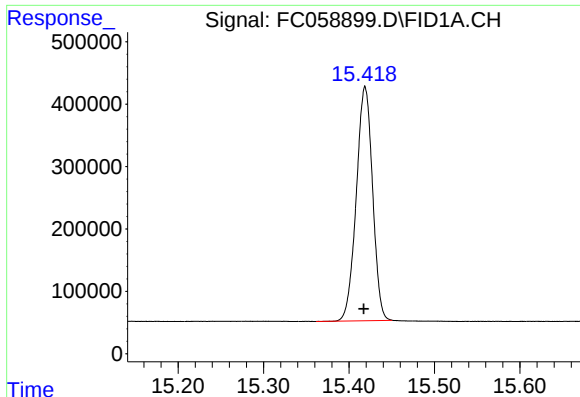
#13 n-Docosane (C22)

R.T.: 13.305 min
Delta R.T.: 0.003 min
Response: 5304895
Conc: 40.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.403 min
Delta R.T.: 0.001 min
Response: 5193991
Conc: 41.12 ug/ml



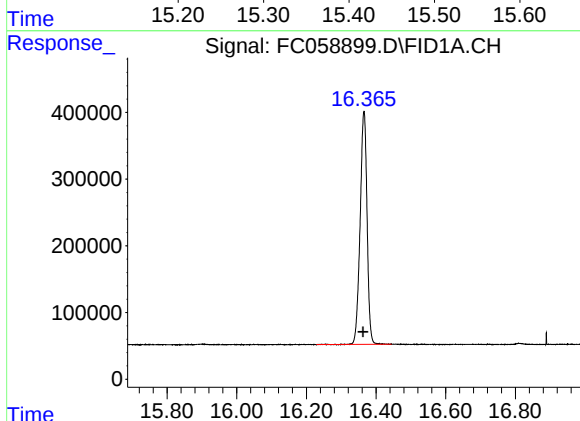
#15 n-Hexacosane (C26)

R.T.: 15.419 min
Delta R.T.: 0.002 min
Response: 4963760
Conc: 41.09 ug/ml

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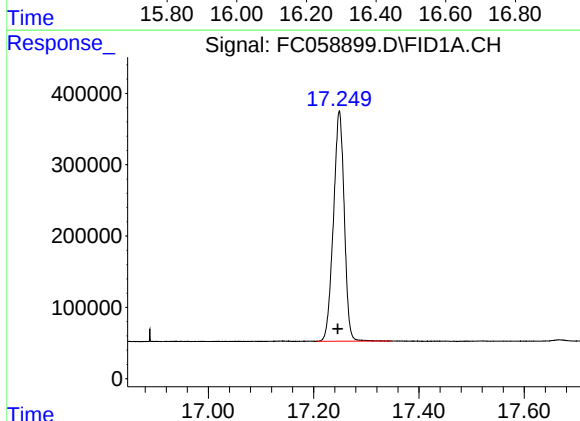
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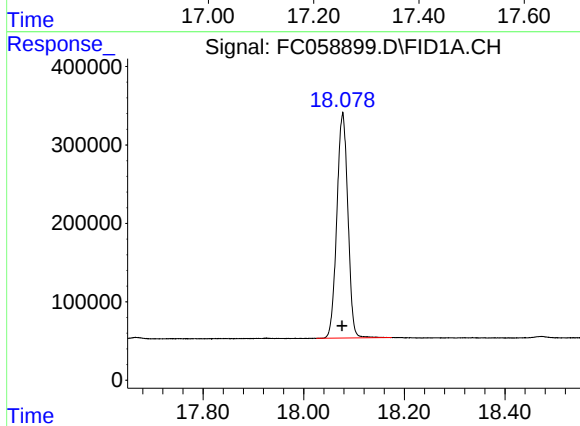
#16 n-Octacosane (C28)

R.T.: 16.365 min
Delta R.T.: 0.003 min
Response: 4814983
Conc: 40.66 ug/ml



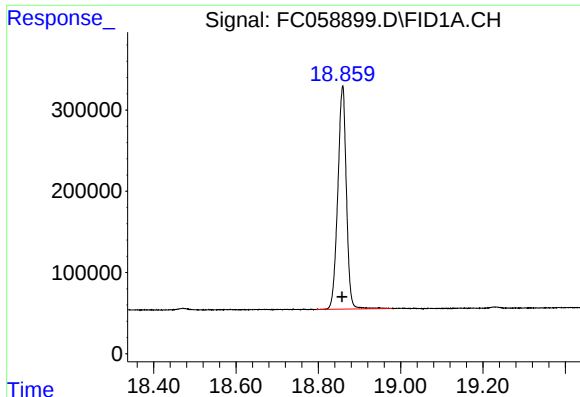
#17 n-Tricontane (C30)

R.T.: 17.249 min
Delta R.T.: 0.003 min
Response: 4610546
Conc: 40.42 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.077 min
Delta R.T.: 0.000 min
Response: 4369217
Conc: 40.78 ug/ml



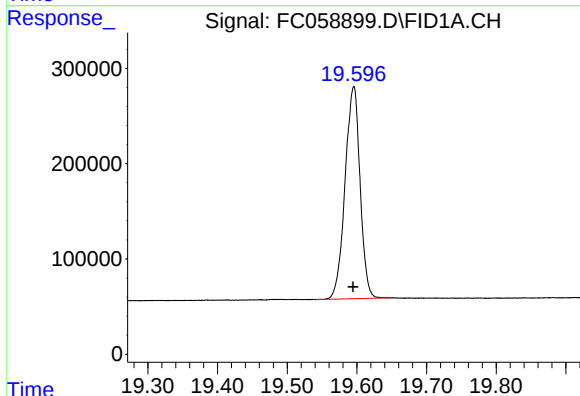
#19 n-Tetratriacontane (C34)

R.T.: 18.859 min
Delta R.T.: 0.000 min
Response: 3966671
Conc: 39.26 ug/ml

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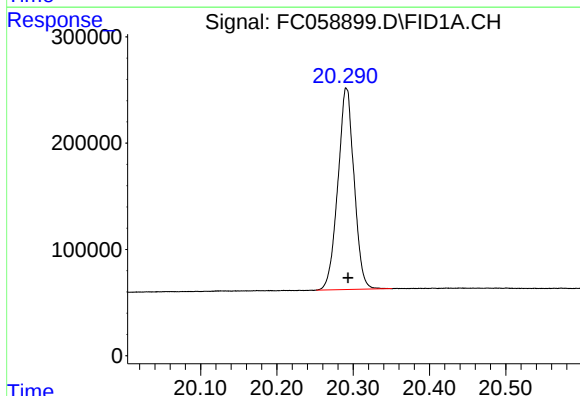
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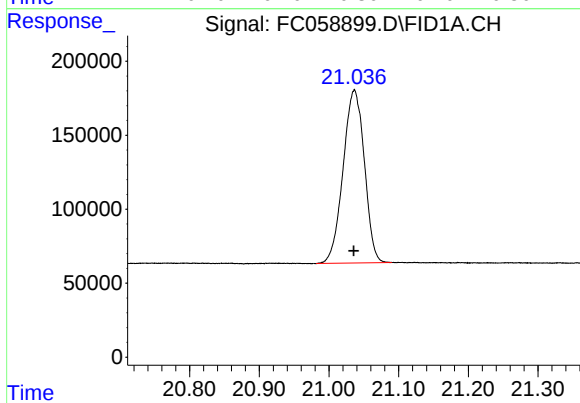
#20 n-Hexatriacontane (C36)

R.T.: 19.595 min
Delta R.T.: 0.000 min
Response: 3338638
Conc: 34.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.291 min
Delta R.T.: -0.002 min
Response: 2800425
Conc: 30.43 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.036 min
Delta R.T.: 0.000 min
Response: 2480864
Conc: 26.69 ug/ml