

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC060322AL\
 Data File : FC060084.D
 Signal(s) : FID1A.CH
 Acq On : 03 Jun 2022 16:40
 Operator : UA/NP
 Sample : PB145304BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB145304BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/06/2022
 Supervised By :Ankita Jodhani 06/06/2022

Integration File: autoint1.e
 Quant Time: Jun 03 23:33:45 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 08:22:04 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...	12.020	3540727	28.557 ug/ml
Spiked Amount 50.000		Recovery =	57.11%
Target Compounds			
1) T n-Nonane (C9)	2.633	2901188	22.668 ug/ml
2) T n-Decane (C10)	3.629	3628143	28.360 ug/ml
4) T n-Dodecane (C12)	5.580	4451466	33.393 ug/ml
6) T n-Tetradecane (C14)	7.331	4702853	34.450 ug/ml
7) T n-Hexadecane (C16)	8.896	5059231	36.058 ug/ml
8) T n-Octadecane (C18)	10.306	5576630	38.968 ug/ml
10) T n-Eicosane (C20)	11.585	5520972	38.697 ug/ml
11) T n-Heneicosane (C21)	12.185	5557619	38.773 ug/ml
13) T n-Docosane (C22)	12.757	5484000	38.485 ug/ml
14) T n-Tetracosane (C24)	13.834	5343532	38.078 ug/ml
15) T n-Hexacosane (C26)	14.831	5115296	37.775 ug/ml
16) T n-Octacosane (C28)	15.759	4818783	37.001 ug/ml
17) T n-Tricontane (C30)	16.625	4535897	37.050 ug/ml
18) T n-Dotriacontane (C32)	17.438	4328723	38.824 ug/ml
19) T n-Tetratriacontane (C34)	18.201	4072957	39.933 ug/ml
20) T n-Hexatriacontane (C36)	18.925	3675107	38.808 ug/mlm
21) T n-Octatriacontane (C38)	19.606	3469734	37.607 ug/mlm
22) T n-Tetracontane (C40)	20.255	3423999	36.392 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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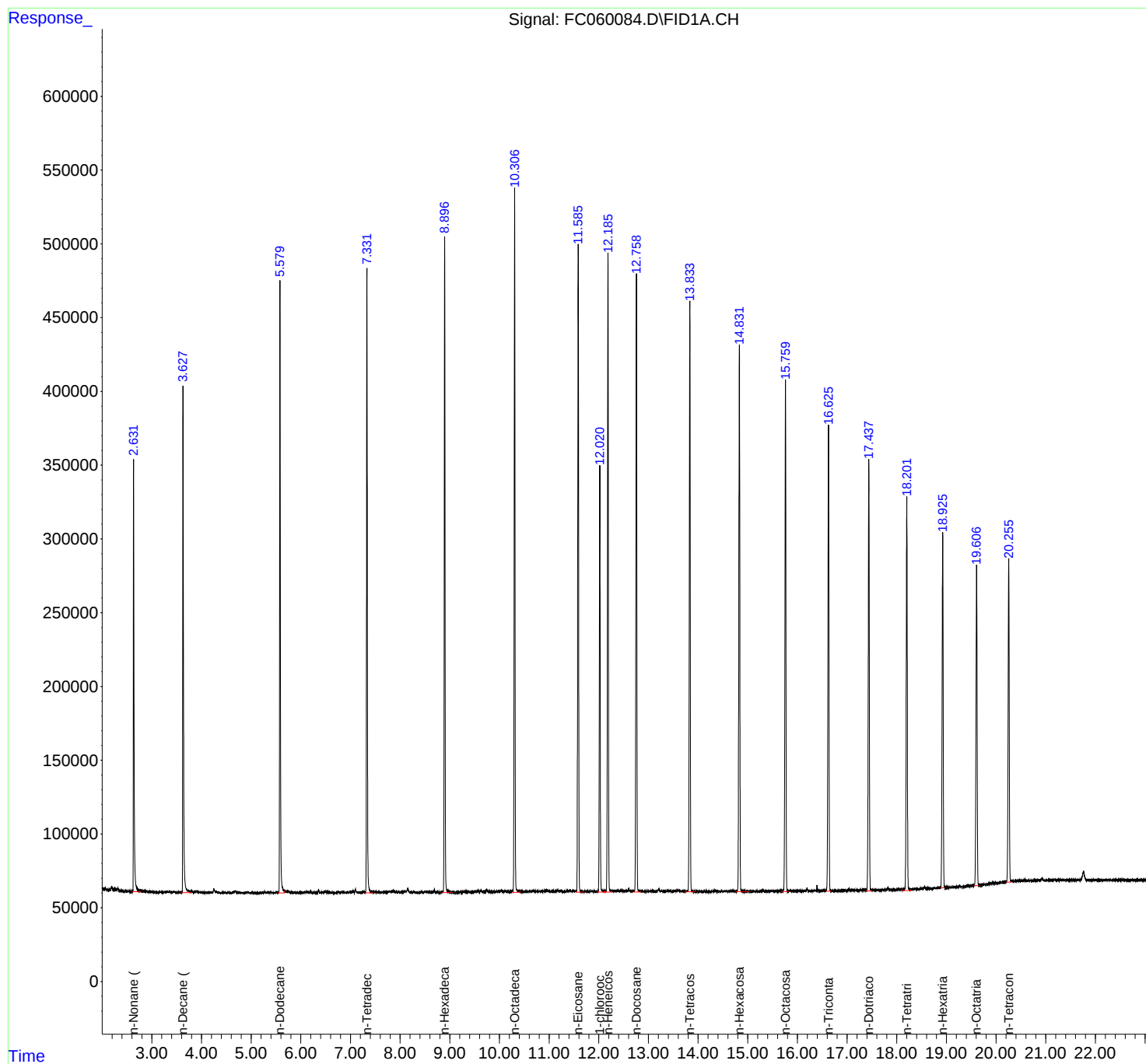
Instrument :
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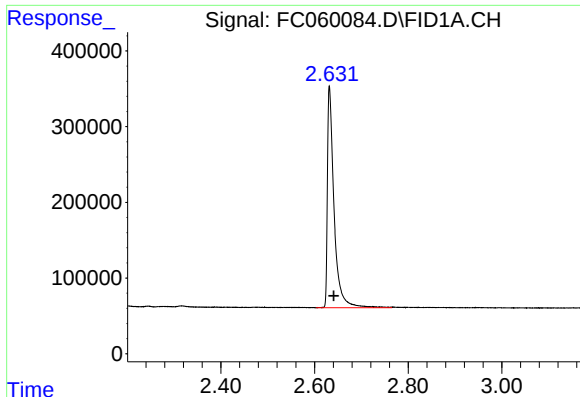
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#1 n-Nonane (C9)

R.T.: 2.633 min
Delta R.T.: -0.008 min
Response: 2901188
Conc: 22.67 ug/ml

Instrument :

FID_C

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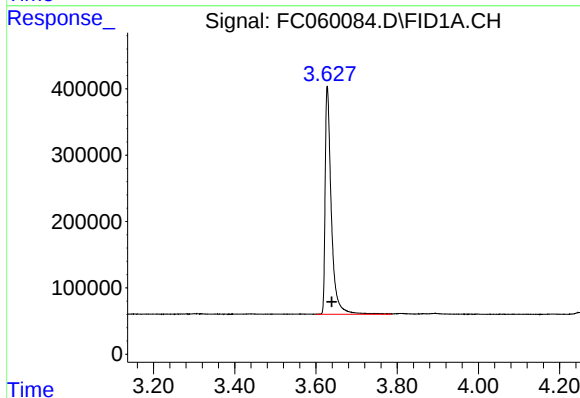
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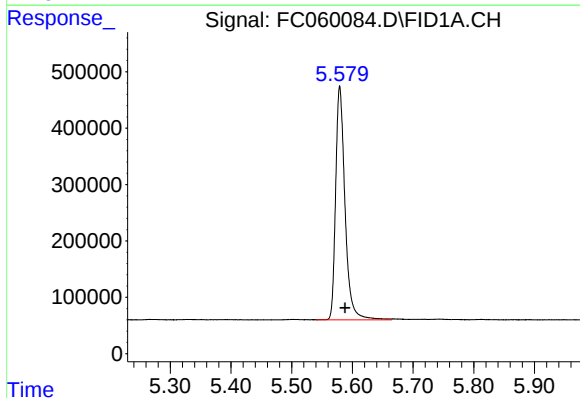
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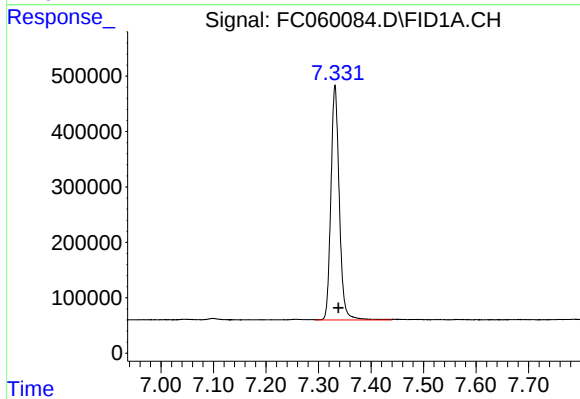
#2 n-Decane (C10)

R.T.: 3.629 min
Delta R.T.: -0.010 min
Response: 3628143
Conc: 28.36 ug/ml



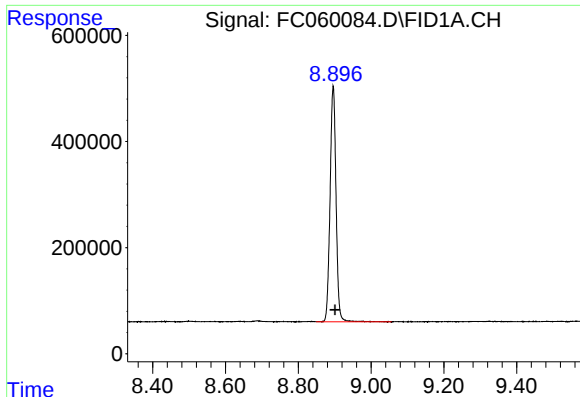
#4 n-Dodecane (C12)

R.T.: 5.580 min
Delta R.T.: -0.008 min
Response: 4451466
Conc: 33.39 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.331 min
Delta R.T.: -0.006 min
Response: 4702853
Conc: 34.45 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.896 min
Delta R.T.: -0.005 min
Response: 5059231
Conc: 36.06 ug/ml

Instrument :

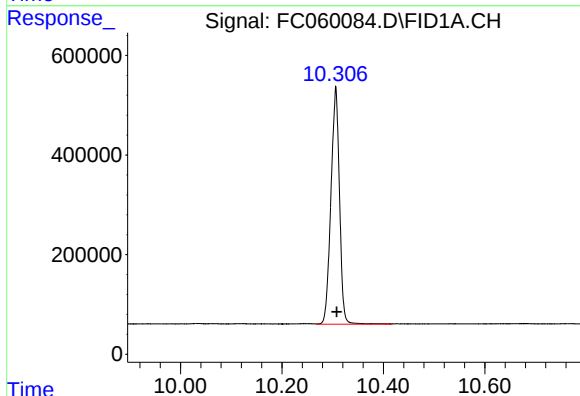
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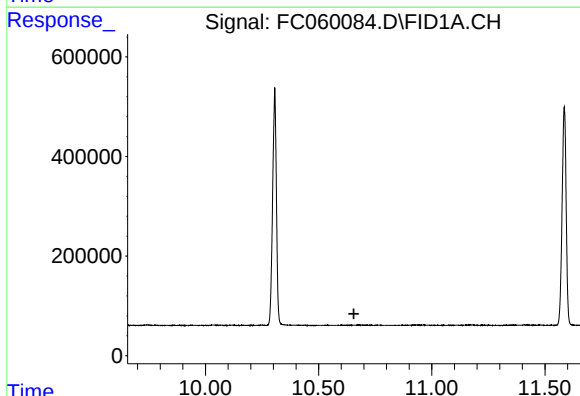
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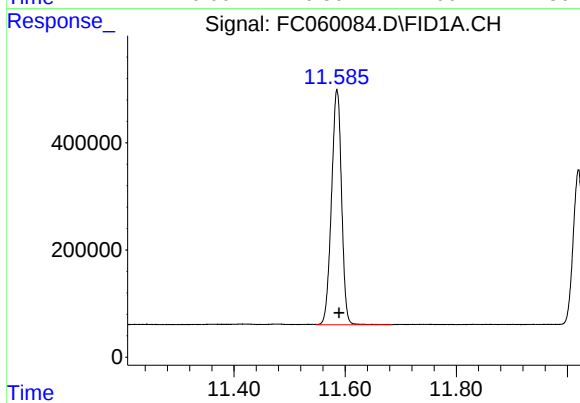
#8 n-Octadecane (C18)

R.T.: 10.306 min
Delta R.T.: -0.002 min
Response: 5576630
Conc: 38.97 ug/ml



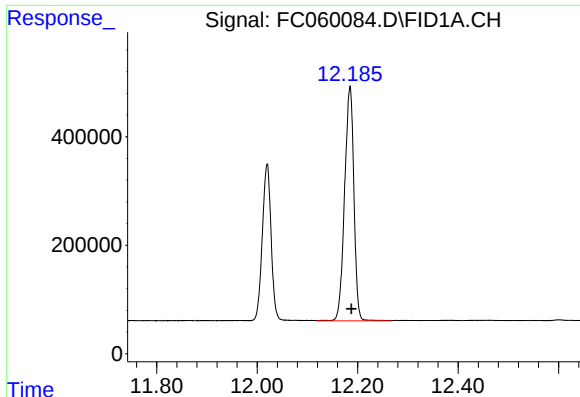
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.656 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.585 min
Delta R.T.: -0.004 min
Response: 5520972
Conc: 38.70 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.185 min
Delta R.T.: -0.003 min
Response: 5557619
Conc: 38.77 ug/ml

Instrument :

FID_C

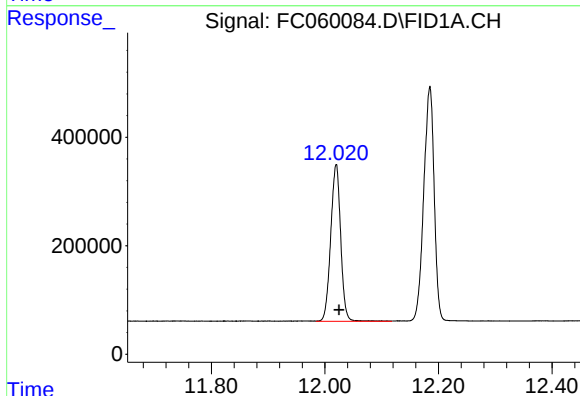
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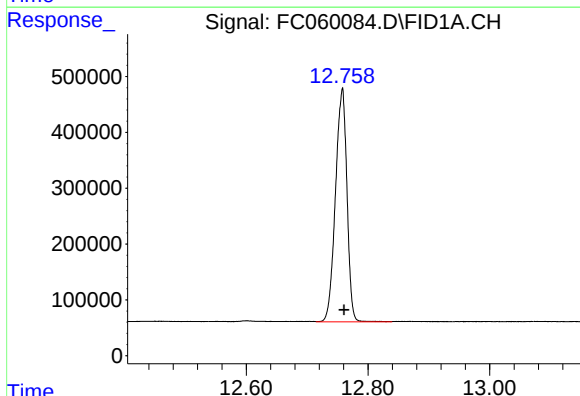
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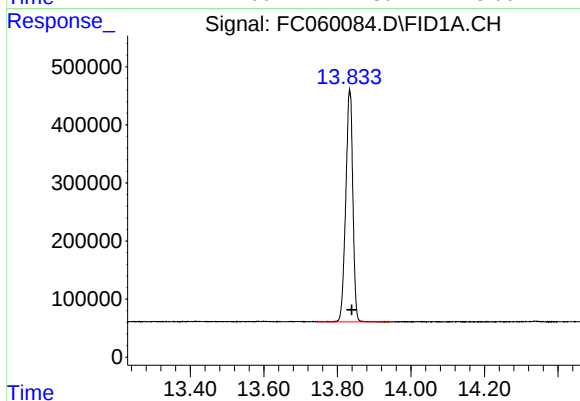
#12 1-chlorooctadecane (SURR)

R.T.: 12.020 min
Delta R.T.: -0.005 min
Response: 3540727
Conc: 28.56 ug/ml



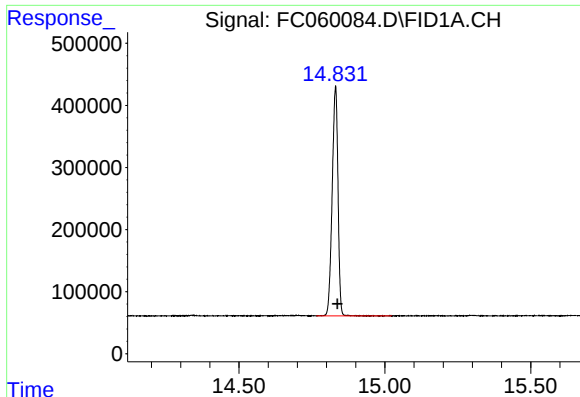
#13 n-Docosane (C22)

R.T.: 12.757 min
Delta R.T.: -0.003 min
Response: 5484000
Conc: 38.48 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.834 min
Delta R.T.: -0.006 min
Response: 5343532
Conc: 38.08 ug/ml



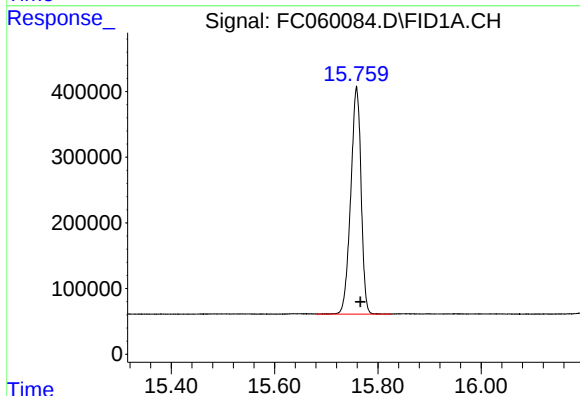
#15 n-Hexacosane (C26)

R.T.: 14.831 min
Delta R.T.: -0.007 min
Response: 5115296
Conc: 37.77 ug/ml

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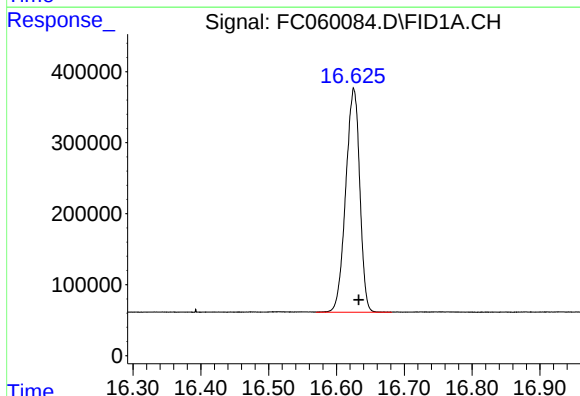
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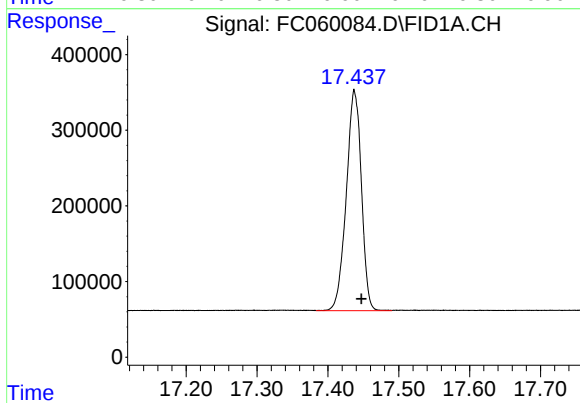
#16 n-Octacosane (C28)

R.T.: 15.759 min
Delta R.T.: -0.007 min
Response: 4818783
Conc: 37.00 ug/ml



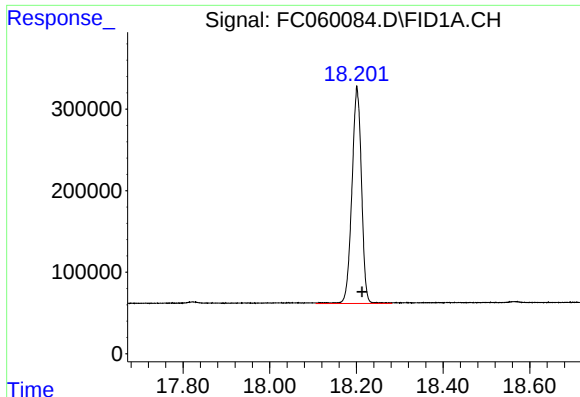
#17 n-Tricontane (C30)

R.T.: 16.625 min
Delta R.T.: -0.008 min
Response: 4535897
Conc: 37.05 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.438 min
Delta R.T.: -0.010 min
Response: 4328723
Conc: 38.82 ug/ml



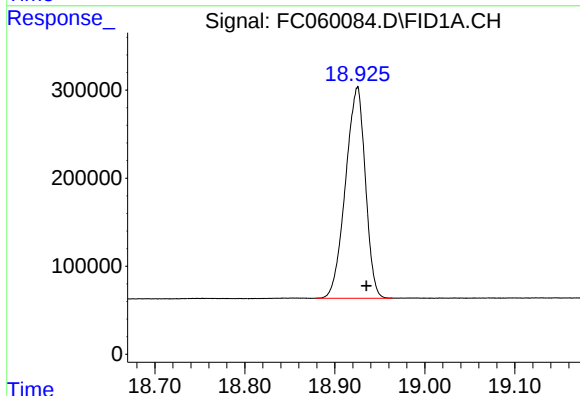
#19 n-Tetratriacontane (C34)

R.T.: 18.201 min
Delta R.T.: -0.012 min
Response: 4072957
Conc: 39.93 ug/ml

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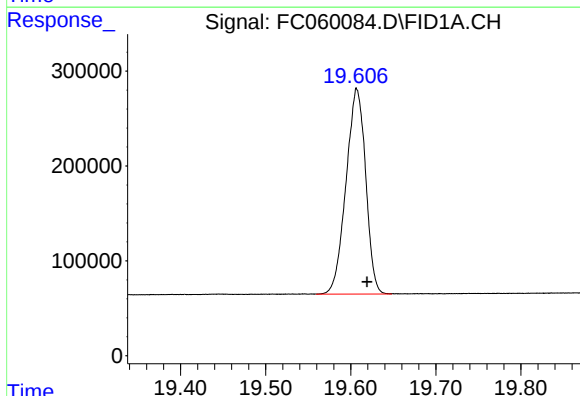
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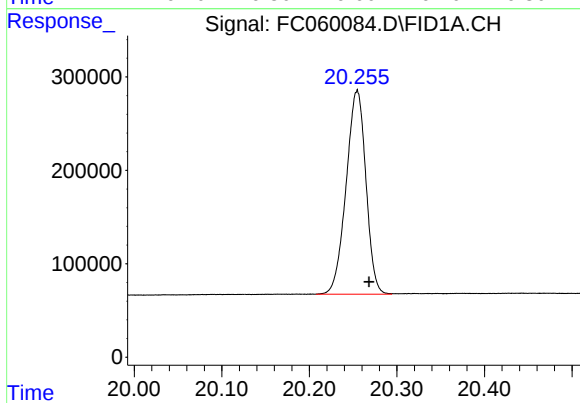
#20 n-Hexatriacontane (C36)

R.T.: 18.925 min
Delta R.T.: -0.010 min
Response: 3675107
Conc: 38.81 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.606 min
Delta R.T.: -0.013 min
Response: 3469734
Conc: 37.61 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.255 min
Delta R.T.: -0.013 min
Response: 3423999
Conc: 36.39 ug/ml m