

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057067.D
 Signal(s) : FID1A.CH
 Acq On : 24 Nov 2021 18:21
 Operator : AJ\MA
 Sample : PB141005BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 PB141005BSD

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 11/26/2021
 Supervised By :mohammad ahmed 11/26/2021

Integration File: autoint1.e
 Quant Time: Nov 25 02:07:42 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Aliphatic EPH 111921.M
 Quant Title : GC Extractables
 Qlast Update : Fri Nov 19 00:52:49 2021
 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...	13.025	3444479	37.836 ug/ml
Spiked Amount 50.000		Recovery =	75.67%
Target Compounds			
1) T n-Nonane (C9)	3.358	2755913	27.197 ug/ml
2) T n-Decane (C10)	4.424	3392761	33.881 ug/ml
4) T n-Dodecane (C12)	6.441	3877782	38.246 ug/ml
6) T n-Tetradecane (C14)	8.235	4182195	41.277 ug/ml
7) T n-Hexadecane (C16)	9.834	4763695	46.422 ug/ml
8) T n-Octadecane (C18)	11.274	5189768	48.440 ug/ml
10) T n-Eicosane (C20)	12.582	5135901	48.019 ug/ml
11) T n-Heneicosane (C21)	13.193	5112148	47.207 ug/ml
13) T n-Docosane (C22)	13.777	5047262	47.112 ug/ml
14) T n-Tetracosane (C24)	14.877	4905923	45.318 ug/ml
15) T n-Hexacosane (C26)	15.895	4725023	44.359 ug/ml
16) T n-Octacosane (C28)	16.841	4524971	42.422 ug/ml
17) T n-Tricontane (C30)	17.725	4336796	40.688 ug/ml
18) T n-Dotriacontane (C32)	18.555	4154335	39.385 ug/ml
19) T n-Tetratriacontane (C34)	19.334	3901493	37.555 ug/ml
20) T n-Hexatriacontane (C36)	20.069	3640936	36.046 ug/mlm
21) T n-Octatriacontane (C38)	20.800	3494056	38.063 ug/ml
22) T n-Tetracontane (C40)	21.705	3434469	38.125 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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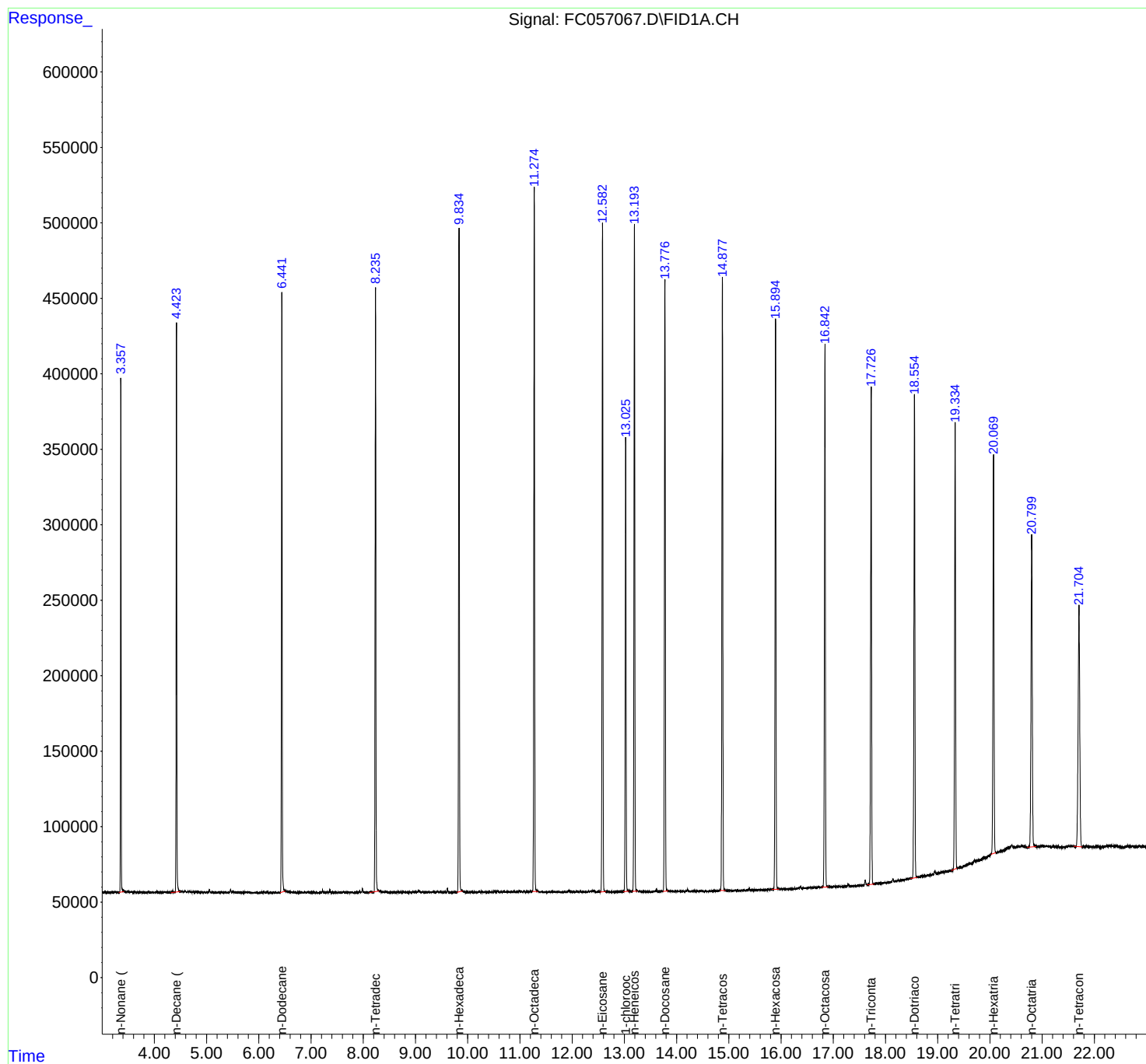
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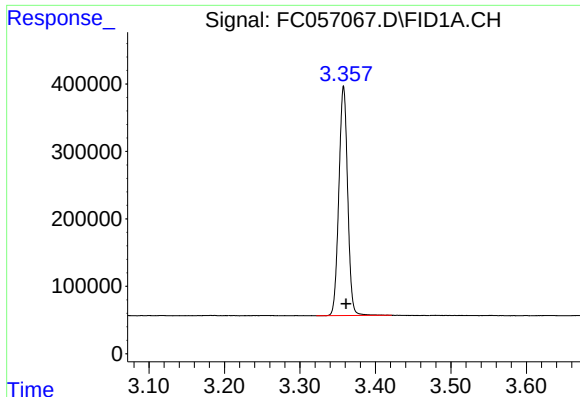
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#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: -0.003 min
Response: 2755913
Conc: 27.20 ug/ml

Instrument :

FID_C

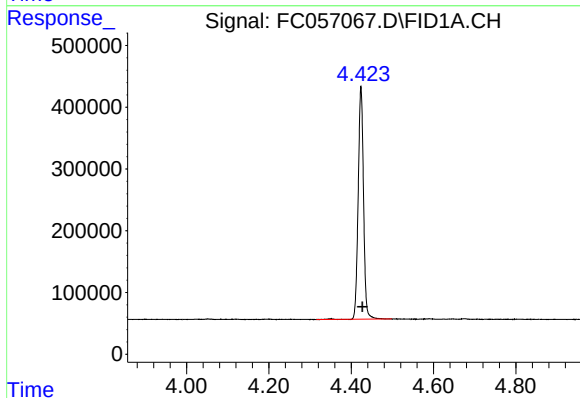
ClientSampleId :

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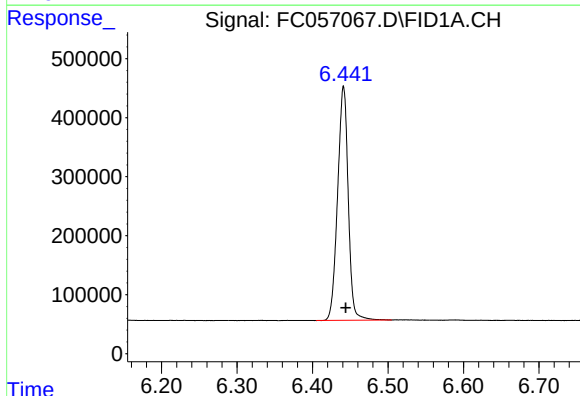
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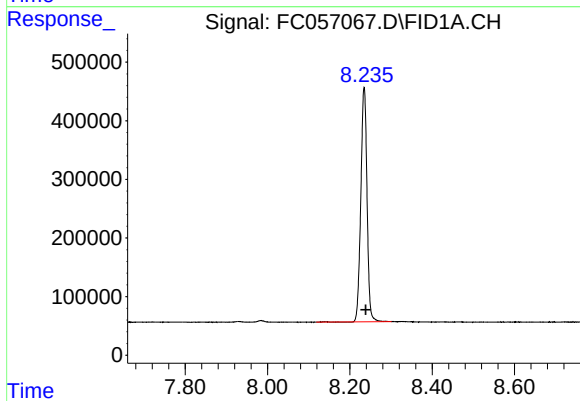
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.004 min
Response: 3392761
Conc: 33.88 ug/ml



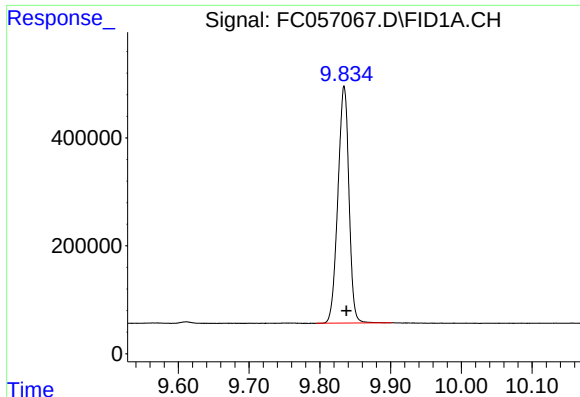
#4 n-Dodecane (C12)

R.T.: 6.441 min
Delta R.T.: -0.003 min
Response: 3877782
Conc: 38.25 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.235 min
Delta R.T.: -0.004 min
Response: 4182195
Conc: 41.28 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.834 min
Delta R.T.: -0.003 min
Response: 4763695
Conc: 46.42 ug/ml

Instrument :

FID_C

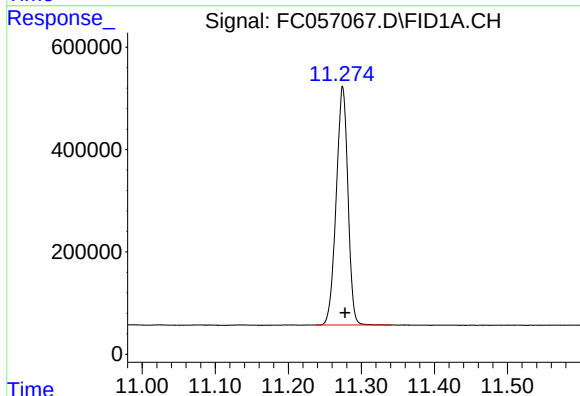
ClientSampleId :

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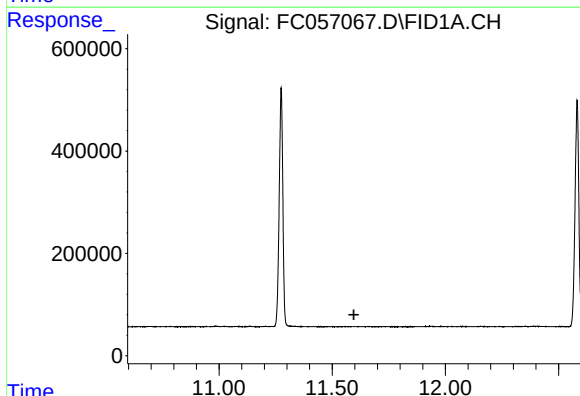
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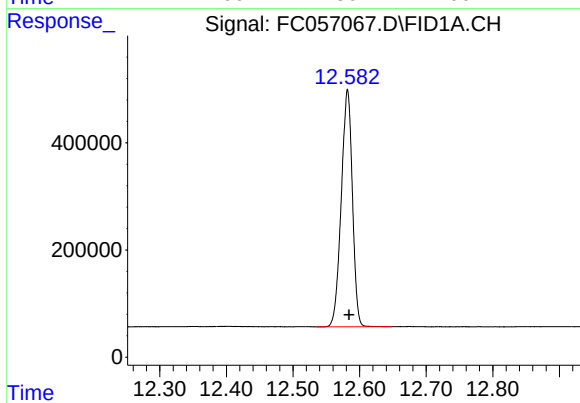
#8 n-Octadecane (C18)

R.T.: 11.274 min
Delta R.T.: -0.003 min
Response: 5189768
Conc: 48.44 ug/ml



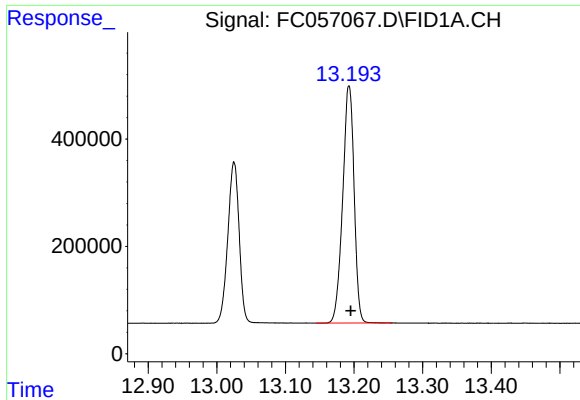
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.596 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.002 min
Response: 5135901
Conc: 48.02 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.193 min
Delta R.T.: -0.003 min
Response: 5112148
Conc: 47.21 ug/ml

Instrument :

FID_C

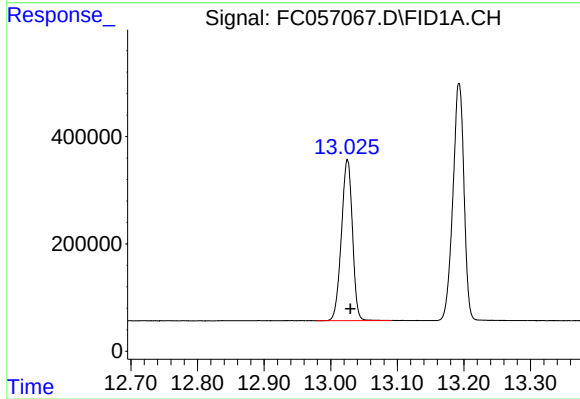
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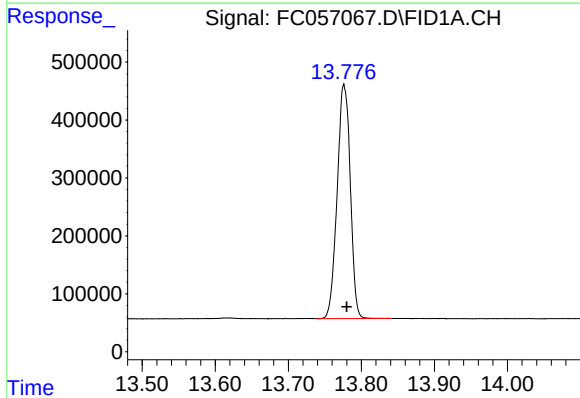
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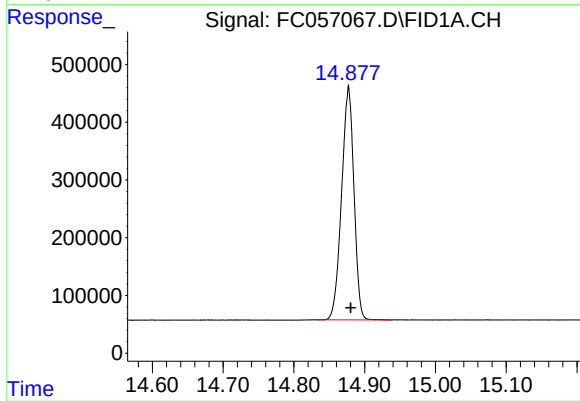
#12 1-chlorooctadecane (SURR)

R.T.: 13.025 min
Delta R.T.: -0.005 min
Response: 3444479
Conc: 37.84 ug/ml



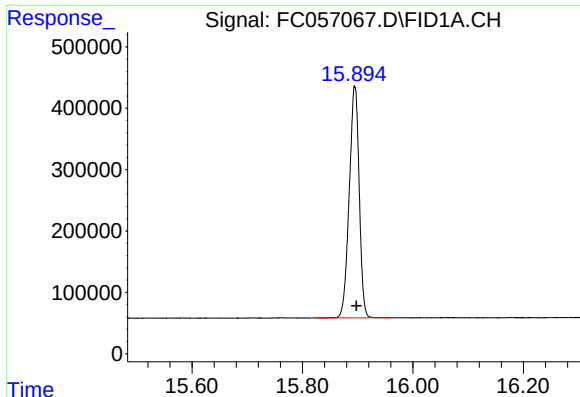
#13 n-Docosane (C22)

R.T.: 13.777 min
Delta R.T.: -0.003 min
Response: 5047262
Conc: 47.11 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.877 min
Delta R.T.: -0.003 min
Response: 4905923
Conc: 45.32 ug/ml



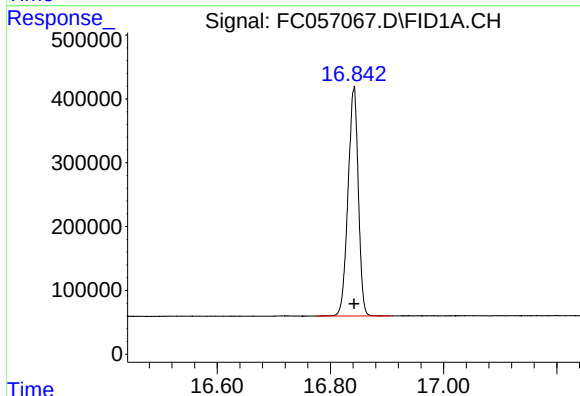
#15 n-Hexacosane (C26)

R.T.: 15.895 min
Delta R.T.: -0.003 min
Response: 4725023
Conc: 44.36 ug/ml

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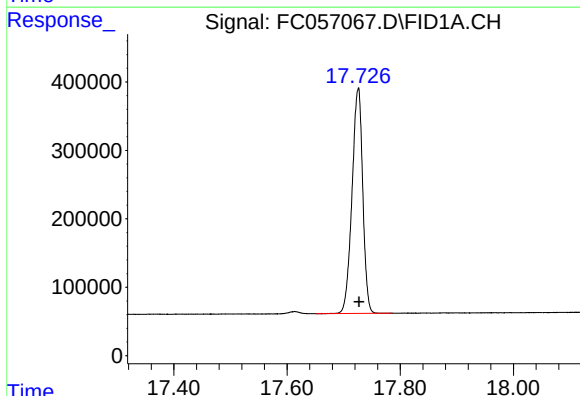
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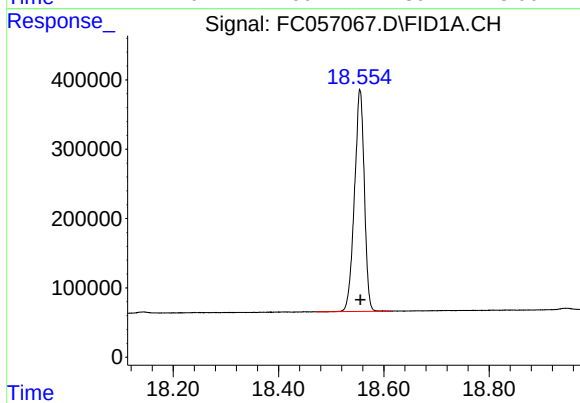
#16 n-Octacosane (C28)

R.T.: 16.841 min
Delta R.T.: 0.000 min
Response: 4524971
Conc: 42.42 ug/ml



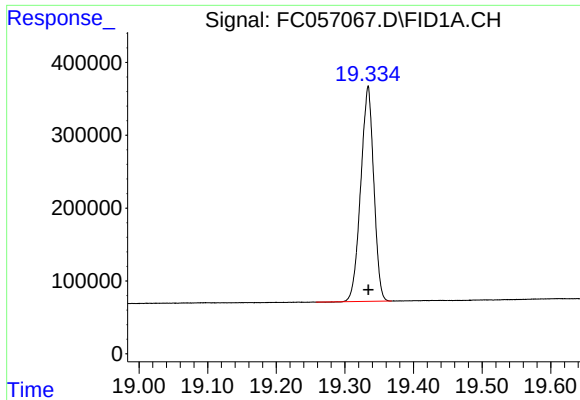
#17 n-Tricontane (C30)

R.T.: 17.725 min
Delta R.T.: -0.002 min
Response: 4336796
Conc: 40.69 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.555 min
Delta R.T.: 0.000 min
Response: 4154335
Conc: 39.39 ug/ml



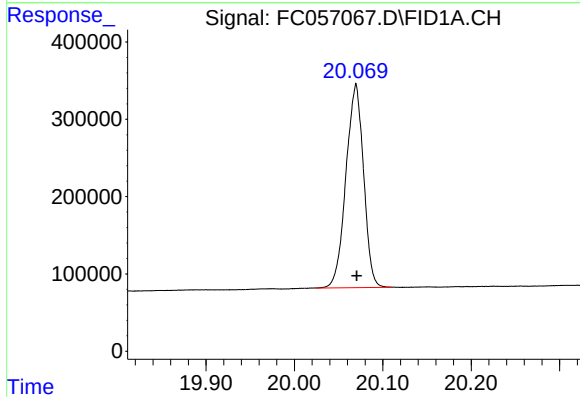
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.000 min
Response: 3901493
Conc: 37.56 ug/ml

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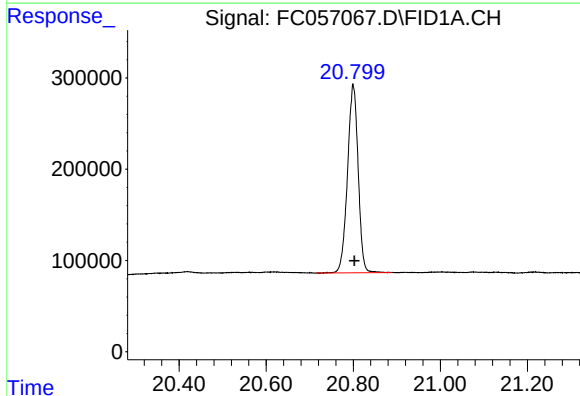
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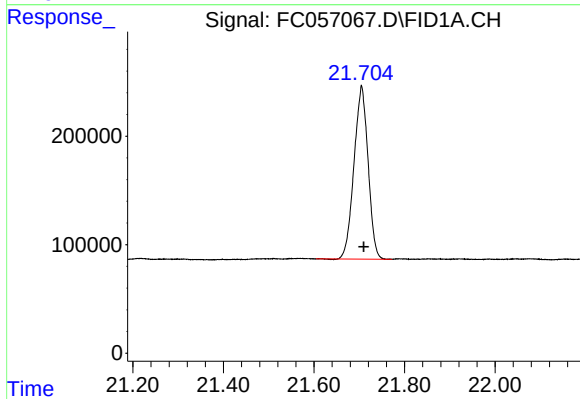
#20 n-Hexatriacontane (C36)

R.T.: 20.069 min
Delta R.T.: -0.001 min
Response: 3640936
Conc: 36.05 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.800 min
Delta R.T.: -0.003 min
Response: 3494056
Conc: 38.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.705 min
Delta R.T.: -0.005 min
Response: 3434469
Conc: 38.13 ug/ml