

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC112421AL\
 Data File : FC057083.D
 Signal(s) : FID1A.CH
 Acq On : 25 Nov 2021 4:50
 Operator : AJ\MA
 Sample : M4819-01MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 OR-02-112321MSD

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 06:04:47 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			
9) S ortho-Terphenyl (SURR)	11.599	3472848	29.926 ug/mlm
Spiked Amount 50.000		Recovery =	59.85%
12) S 1-chlorooctadecane (S...	13.031	2938863	32.282 ug/ml
Spiked Amount 50.000		Recovery =	64.56%
Target Compounds			
1) T n-Nonane (C9)	3.362	3639642	35.918 ug/ml
2) T n-Decane (C10)	4.428	4137654	41.319 ug/ml
3) T A~Naphthalene (C11.7)	6.016	4684864	41.956 ug/ml
4) T n-Dodecane (C12)	6.444	4594363	45.313 ug/ml
5) T A~2-methylnaphthalene...	7.074	5005232	45.394 ug/ml
6) T n-Tetradecane (C14)	8.241	5192464	51.248 ug/ml
7) T n-Hexadecane (C16)	9.838	5511011	53.705 ug/ml
8) T n-Octadecane (C18)	11.279	5596871	52.240 ug/ml
10) T n-Eicosane (C20)	12.588	5460145	51.051 ug/ml
11) T n-Heneicosane (C21)	13.199	5338610	49.298 ug/ml
13) T n-Docosane (C22)	13.785	5304655	49.514 ug/ml
14) T n-Tetracosane (C24)	14.884	9668648	89.313 ug/ml
15) T n-Hexacosane (C26)	15.905	4947338	46.446 ug/ml
16) T n-Octacosane (C28)	16.850	5052976	47.372 ug/ml
17) T n-Tricontane (C30)	17.737	4833936	45.353 ug/mlm
18) T n-Dotriacontane (C32)	18.565	4761859	45.145 ug/ml
19) T n-Tetratriacontane (C34)	19.346	4393300	42.289 ug/mlm
20) T n-Hexatriacontane (C36)	20.082	4195996	41.542 ug/mlm
21) T n-Octatriacontane (C38)	20.818	4101888	44.685 ug/mlm
22) T n-Tetracontane (C40)	21.732	4033767	44.778 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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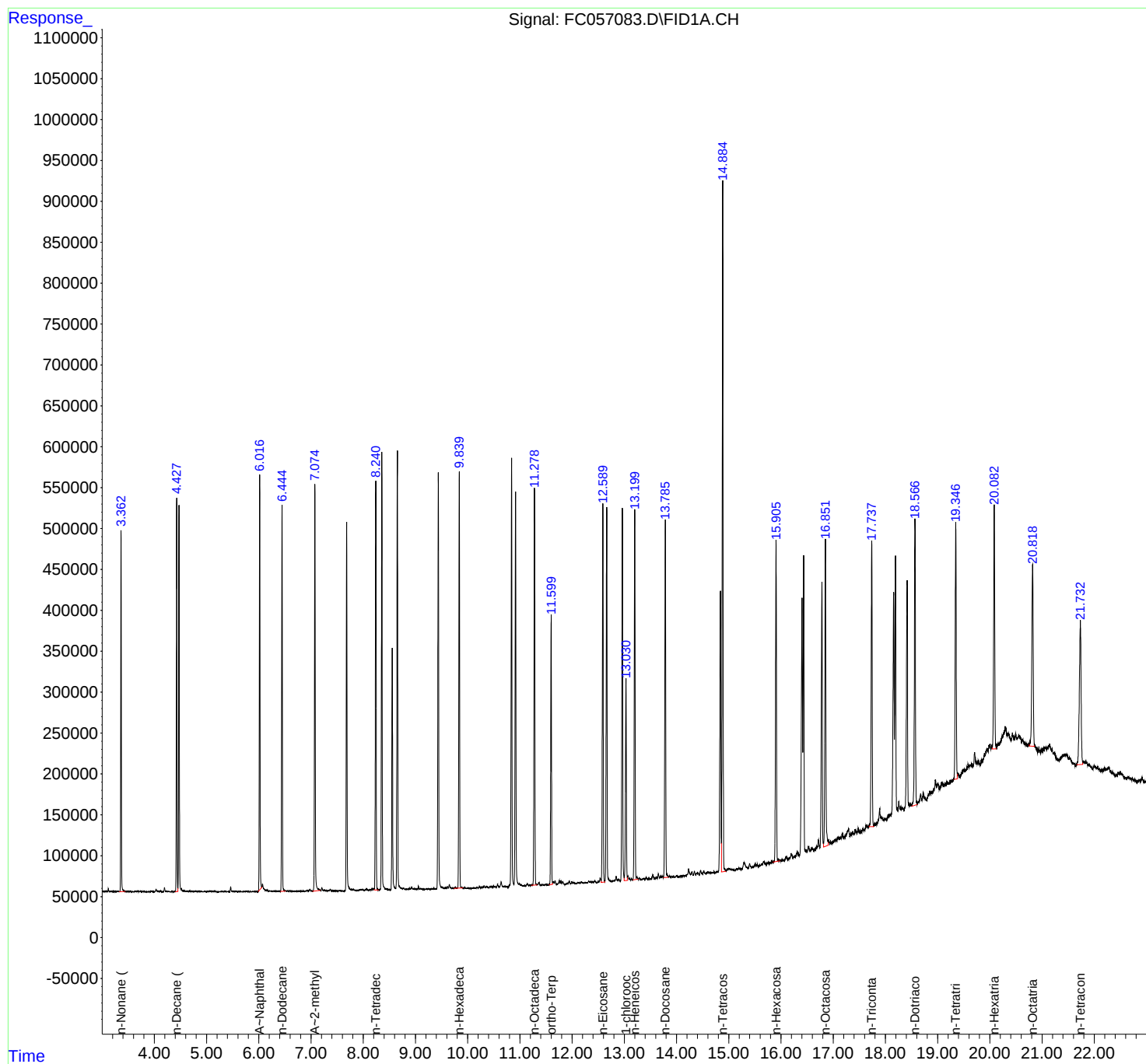
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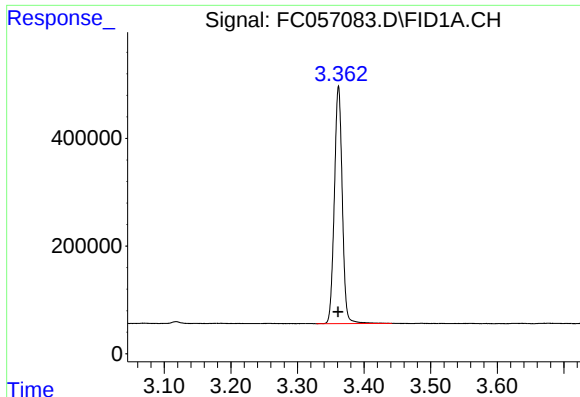
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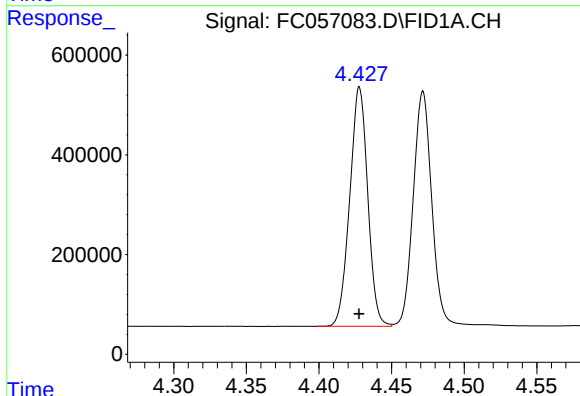
#1 n-Nonane (C9)

R.T.: 3.362 min
Delta R.T.: 0.000 min
Response: 3639642
Conc: 35.92 ug/ml

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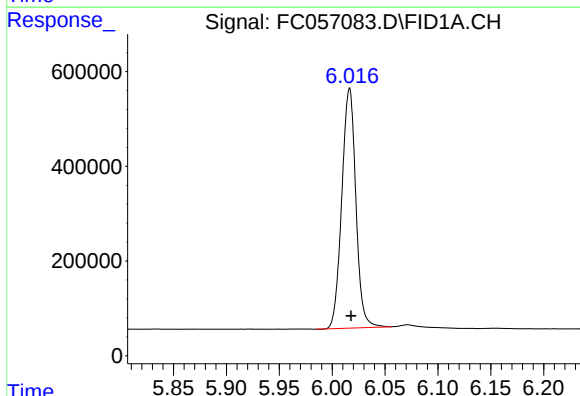
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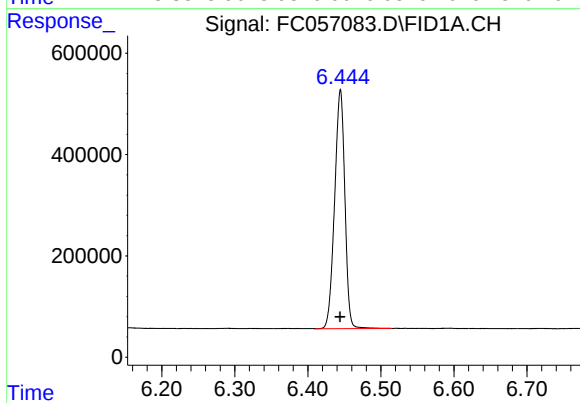
#2 n-Decane (C10)

R.T.: 4.428 min
Delta R.T.: 0.000 min
Response: 4137654
Conc: 41.32 ug/ml



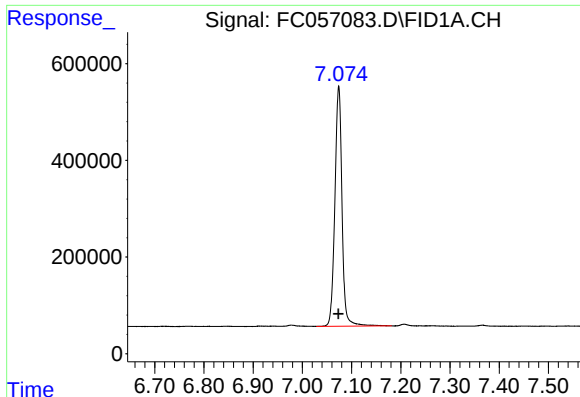
#3 A~Naphthalene (C11.7)

R.T.: 6.016 min
Delta R.T.: -0.002 min
Response: 4684864
Conc: 41.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: 0.000 min
Response: 4594363
Conc: 45.31 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.074 min
Delta R.T.: 0.000 min
Response: 5005232
Conc: 45.39 ug/ml

Instrument :

FID_C

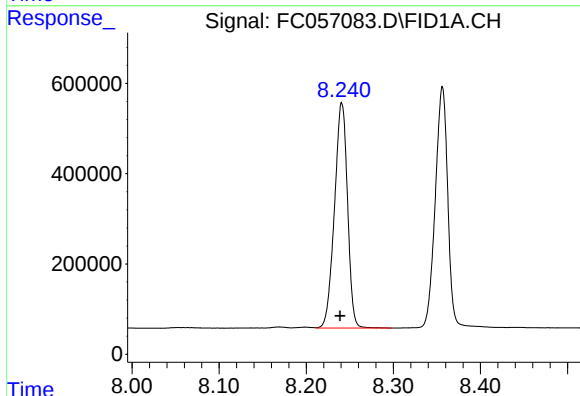
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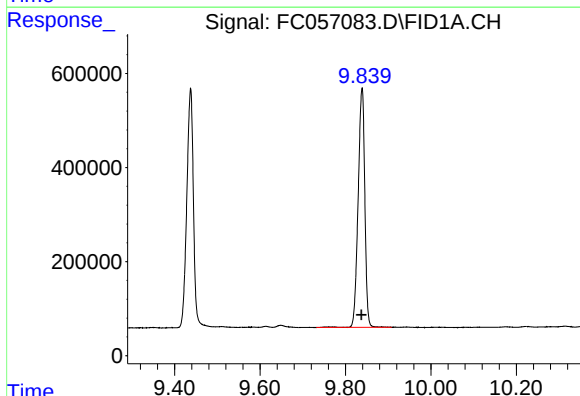
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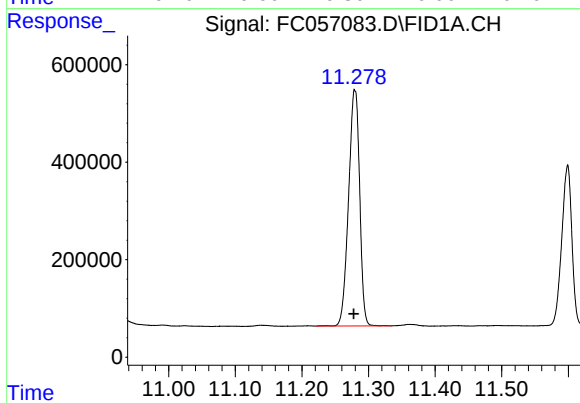
#6 n-Tetradecane (C14)

R.T.: 8.241 min
Delta R.T.: 0.002 min
Response: 5192464
Conc: 51.25 ug/ml



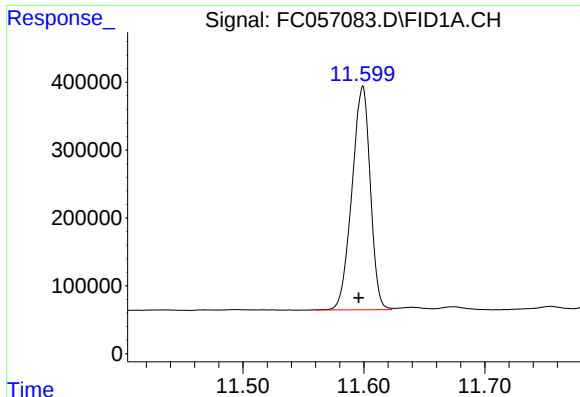
#7 n-Hexadecane (C16)

R.T.: 9.838 min
Delta R.T.: 0.000 min
Response: 5511011
Conc: 53.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.279 min
Delta R.T.: 0.002 min
Response: 5596871
Conc: 52.24 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.599 min
Delta R.T.: 0.003 min
Response: 3472848
Conc: 29.93 ug/ml

Instrument :

FID_C

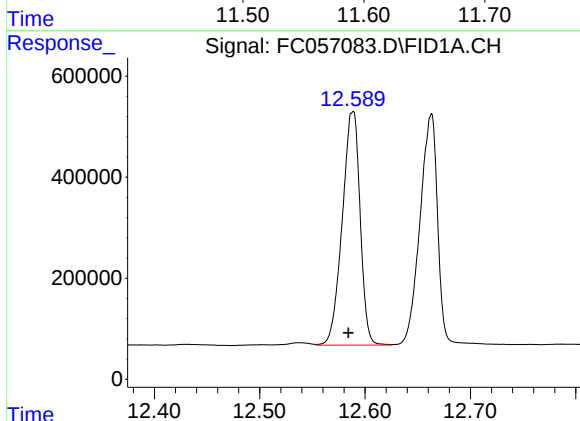
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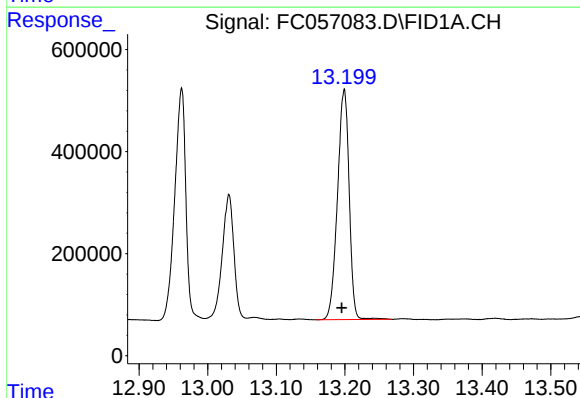
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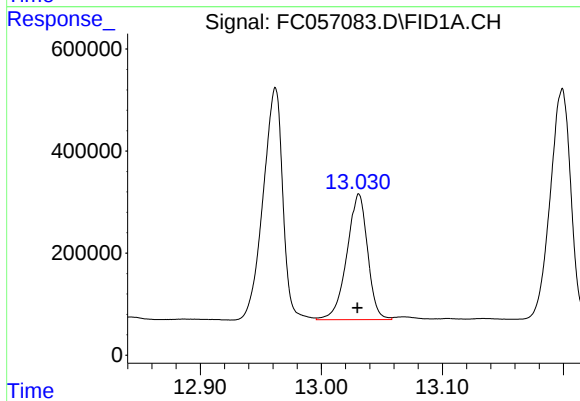
#10 n-Eicosane (C20)

R.T.: 12.588 min
Delta R.T.: 0.004 min
Response: 5460145
Conc: 51.05 ug/ml



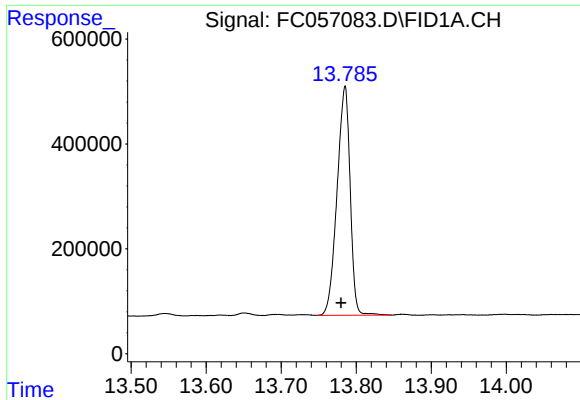
#11 n-Heneicosane (C21)

R.T.: 13.199 min
Delta R.T.: 0.003 min
Response: 5338610
Conc: 49.30 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.031 min
Delta R.T.: 0.000 min
Response: 2938863
Conc: 32.28 ug/ml



#13 n-Docosane (C22)

R.T.: 13.785 min
Delta R.T.: 0.005 min
Response: 5304655
Conc: 49.51 ug/ml

Instrument :

FID_C

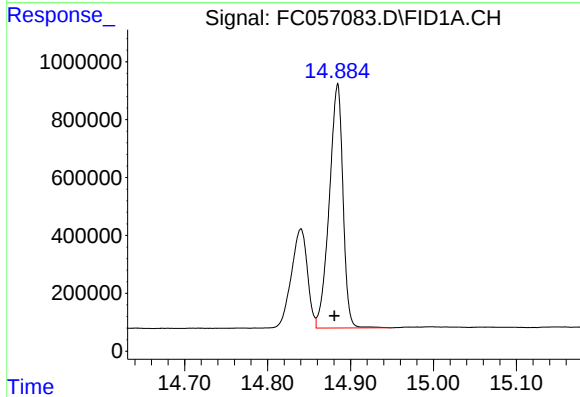
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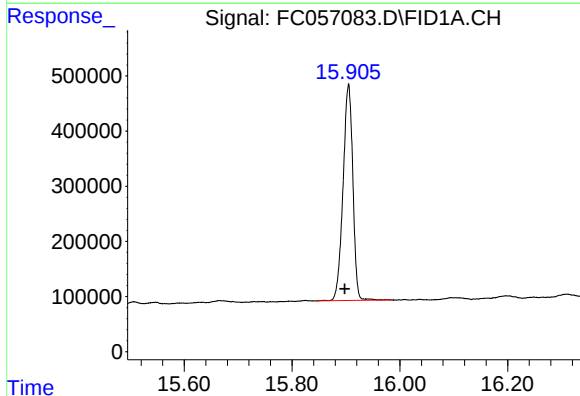
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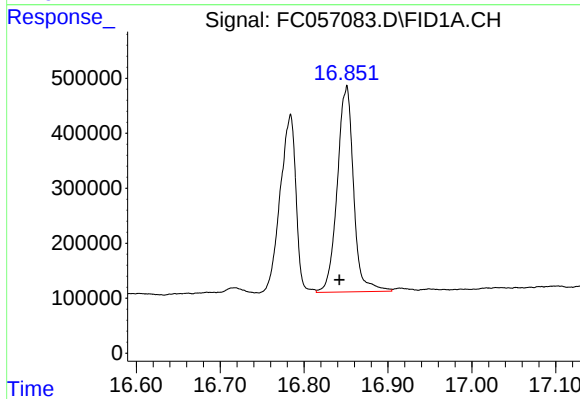
#14 n-Tetracosane (C24)

R.T.: 14.884 min
Delta R.T.: 0.003 min
Response: 9668648
Conc: 89.31 ug/ml



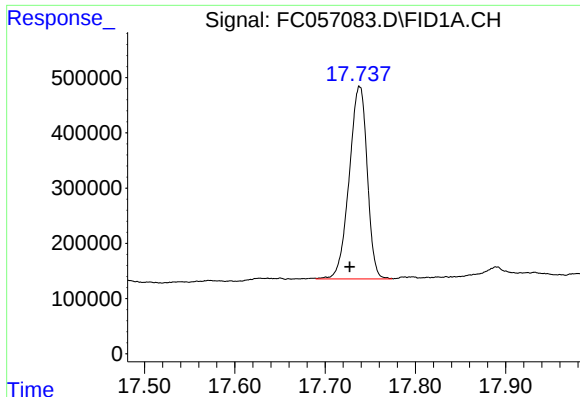
#15 n-Hexacosane (C26)

R.T.: 15.905 min
Delta R.T.: 0.007 min
Response: 4947338
Conc: 46.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: 0.008 min
Response: 5052976
Conc: 47.37 ug/ml



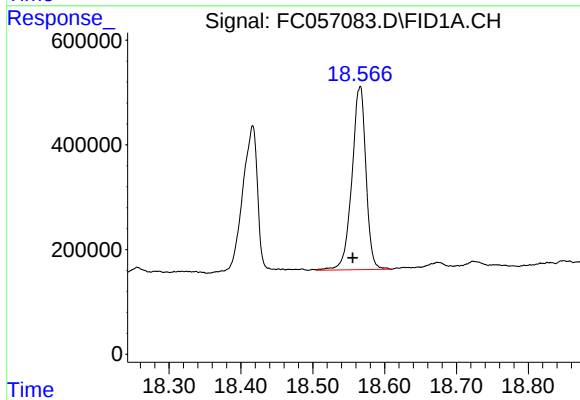
#17 n-Tricontane (C30)

R.T.: 17.737 min
Delta R.T.: 0.010 min
Response: 4833936
Conc: 45.35 ug/ml

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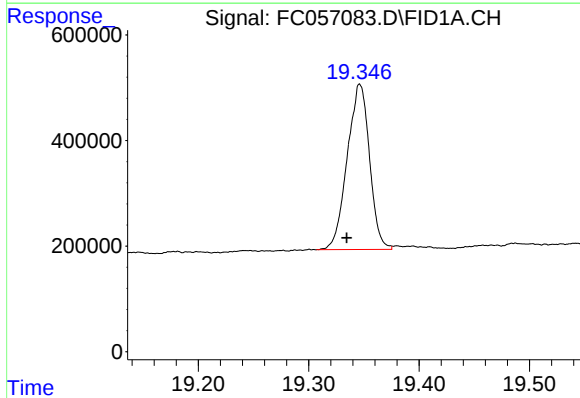
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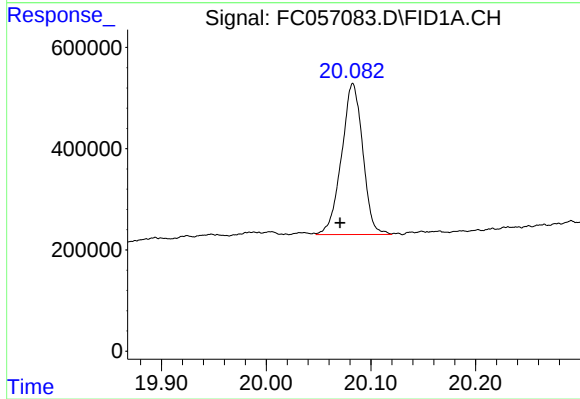
#18 n-Dotriacontane (C32)

R.T.: 18.565 min
Delta R.T.: 0.010 min
Response: 4761859
Conc: 45.14 ug/ml



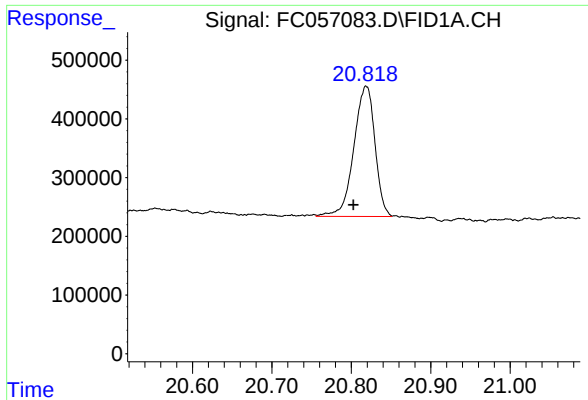
#19 n-Tetratriacontane (C34)

R.T.: 19.346 min
Delta R.T.: 0.011 min
Response: 4393300
Conc: 42.29 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.082 min
Delta R.T.: 0.012 min
Response: 4195996
Conc: 41.54 ug/ml m



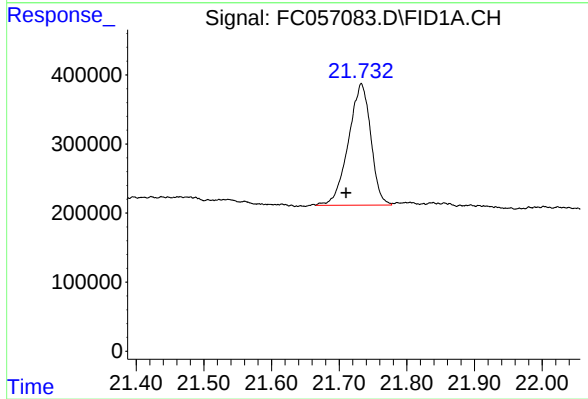
#21 n-Octatriacontane (C38)

R.T.: 20.818 min
Delta R.T.: 0.015 min
Response: 4101888
Conc: 44.68 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.732 min
Delta R.T.: 0.022 min
Response: 4033767
Conc: 44.78 ug/ml m