

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC041221AL\
 Data File : FC053101.D
 Signal(s) : FID1A.CH
 Acq On : 13 Apr 2021 2:10
 Operator : DD\AJ
 Sample : M1997-04MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 801-675MSD

Manual Integrations
 APPROVED

Ankita
 4/13/2021 11:34:00 AM

Integration File: sample.E
 Quant Time: Apr 13 03:06:05 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 040821.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 09 09:23:51 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)	11.559	5832634	40.372 ug/mlm
Spiked Amount 50.000		Recovery =	80.74%
12) S 1-chlorooctadecane (S...	12.997	4677986	40.487 ug/ml
Spiked Amount 50.000		Recovery =	80.97%
Target Compounds			
1) T n-Nonane (C9)	3.312	3743910	29.913 ug/ml
2) T n-Decane (C10)	4.379	4247715	33.741 ug/ml
3) T A~Naphthalene (C11.7)	5.962	4903392	35.200 ug/ml
4) T n-Dodecane (C12)	6.397	4662581	36.405 ug/ml
5) T A~2-methylnaphthalene...	7.021	5004788	35.405 ug/ml
6) T n-Tetradecane (C14)	8.197	5214635	40.528 ug/ml
7) T n-Hexadecane (C16)	9.798	5513051	43.119 ug/ml
8) T n-Octadecane (C18)	11.243	5812183	42.977 ug/mlm
10) T n-Eicosane (C20)	12.553	5568356	40.540 ug/ml
11) T n-Heneicosane (C21)	13.165	5455795	39.707 ug/ml
13) T n-Docosane (C22)	13.751	5542026	40.206 ug/ml
14) T n-Tetracosane (C24)	14.851	4024657	29.190 ug/mlm
15) T n-Hexacosane (C26)	15.875	4982843	36.746 ug/ml
16) T n-Octacosane (C28)	16.823	4930579	36.990 ug/ml
17) T n-Tricontane (C30)	17.713	4686044	36.513 ug/ml
18) T n-Dotriacontane (C32)	18.544	4426180	37.048 ug/ml
19) T n-Tetratriacontane (C34)	19.327	4253369	38.405 ug/ml
20) T n-Hexatriacontane (C36)	20.066	4045259	40.088 ug/ml
21) T n-Octatriacontane (C38)	20.797	3922492	44.028 ug/ml
22) T n-Tetracontane (C40)	21.699	4021862	50.239 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : M1997-04MSD
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ALS Vial : 22 Sample Multiplier: 1

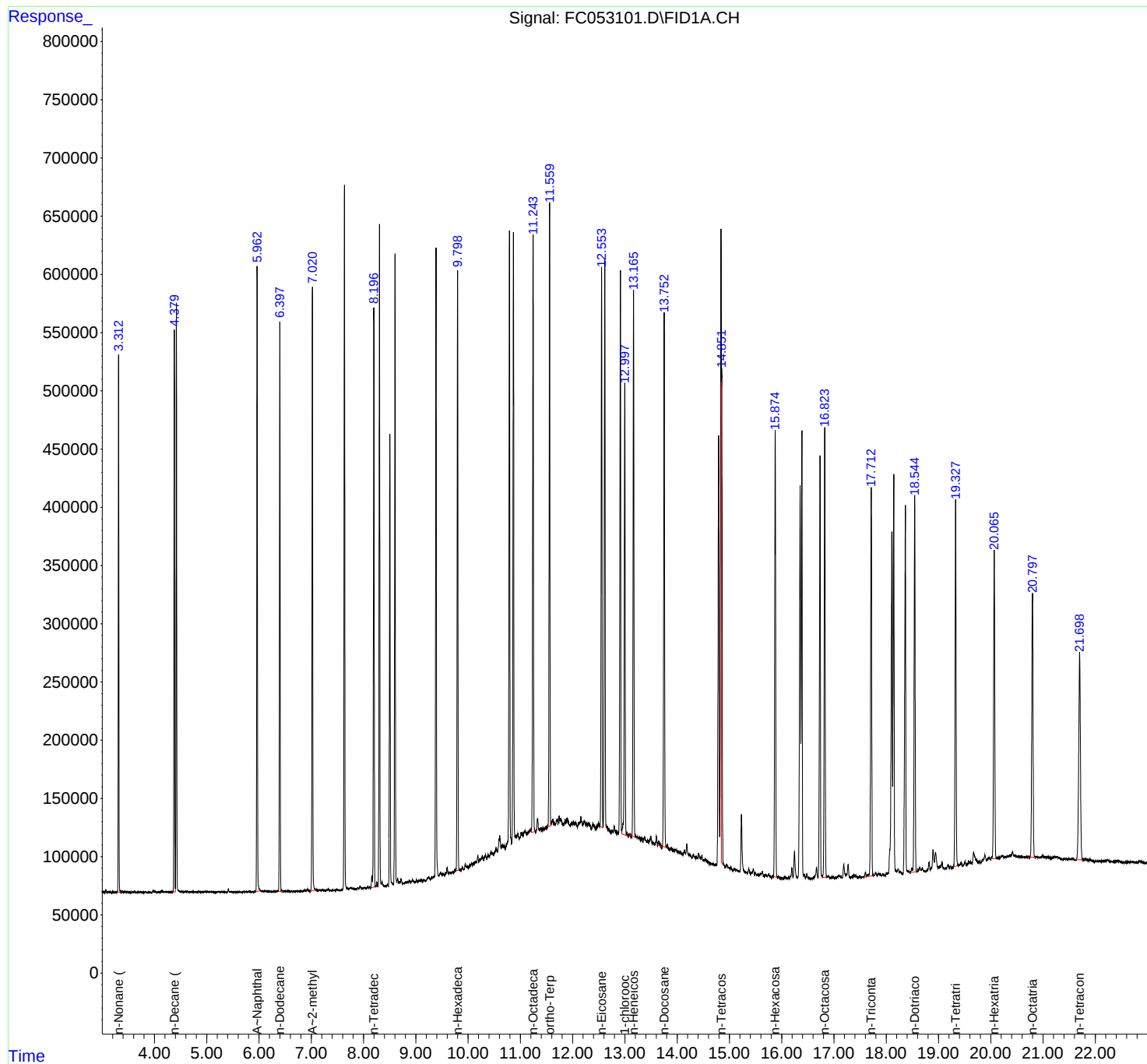
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801-675MSD

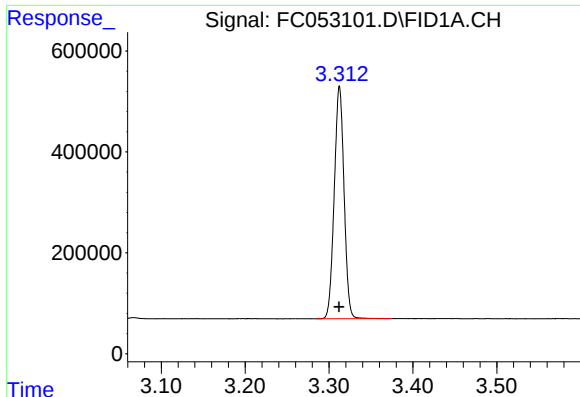
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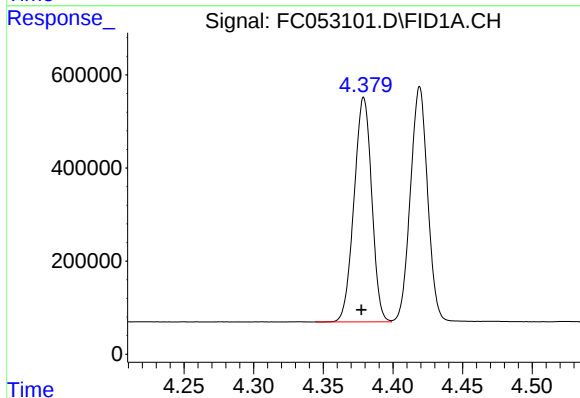
#1 n-Nonane (C9)

R.T.: 3.312 min
Delta R.T.: 0.000 min
Response: 3743910
Conc: 29.91 ug/ml

Instrument :
FID_C
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801-675MSD

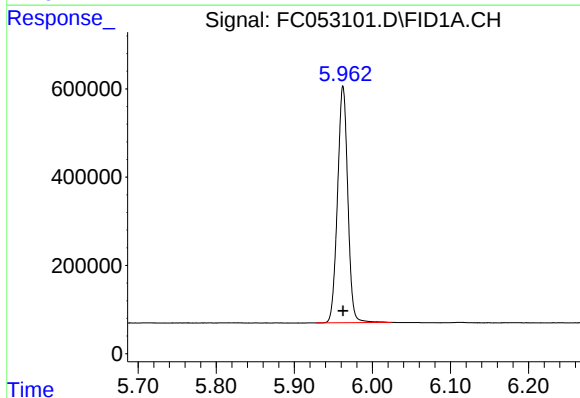
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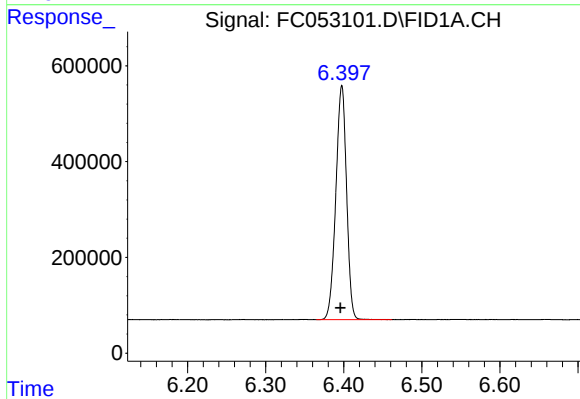
#2 n-Decane (C10)

R.T.: 4.379 min
Delta R.T.: 0.002 min
Response: 4247715
Conc: 33.74 ug/ml



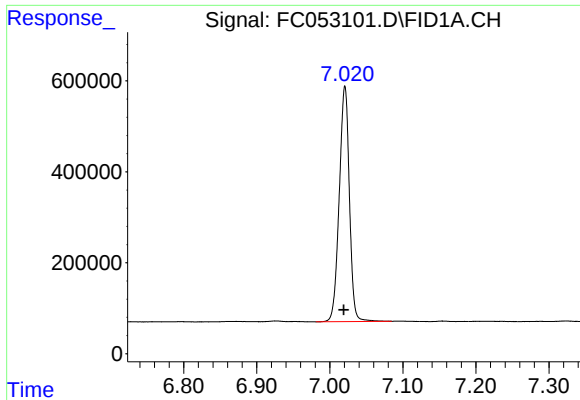
#3 A~Naphthalene (C11.7)

R.T.: 5.962 min
Delta R.T.: 0.000 min
Response: 4903392
Conc: 35.20 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.397 min
Delta R.T.: 0.002 min
Response: 4662581
Conc: 36.41 ug/ml



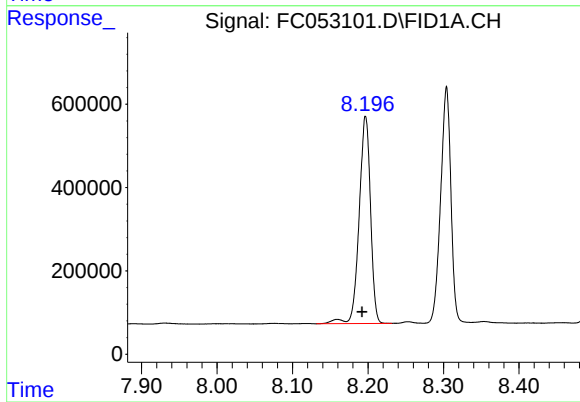
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.021 min
Delta R.T.: 0.002 min
Response: 5004788
Conc: 35.41 ug/ml

Instrument :
FID_C
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801-675MSD

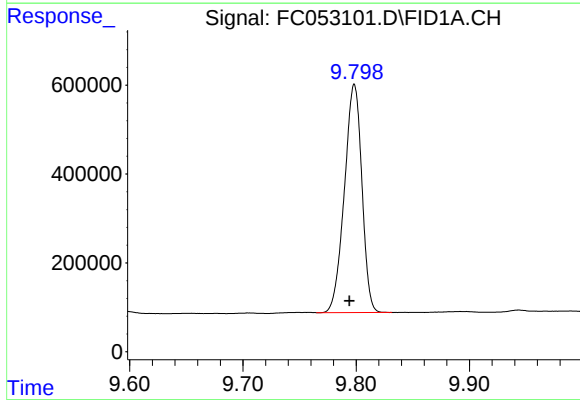
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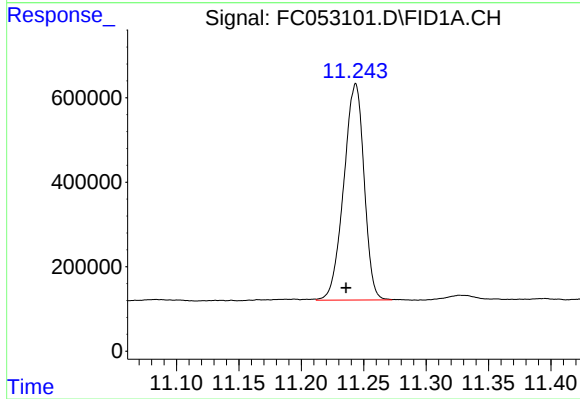
#6 n-Tetradecane (C14)

R.T.: 8.197 min
Delta R.T.: 0.005 min
Response: 5214635
Conc: 40.53 ug/ml



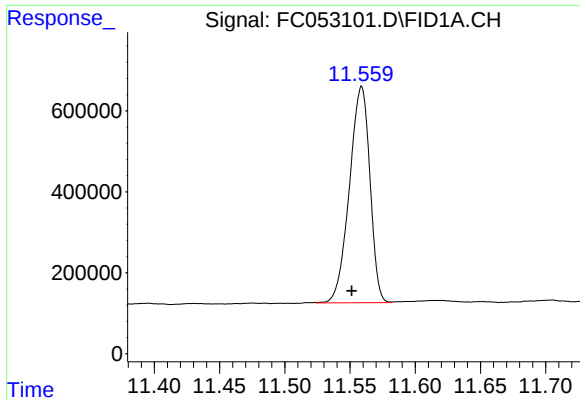
#7 n-Hexadecane (C16)

R.T.: 9.798 min
Delta R.T.: 0.004 min
Response: 5513051
Conc: 43.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.243 min
Delta R.T.: 0.007 min
Response: 5812183
Conc: 42.98 ug/ml m



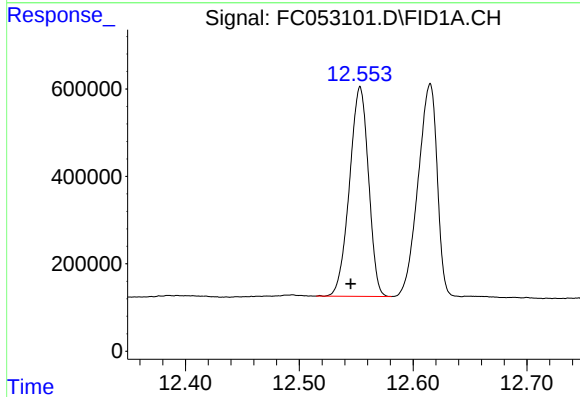
#9 ortho-Terphenyl (SURR)

R.T.: 11.559 min
Delta R.T.: 0.007 min
Response: 5832634
Conc: 40.37 ug/ml m

Instrument :
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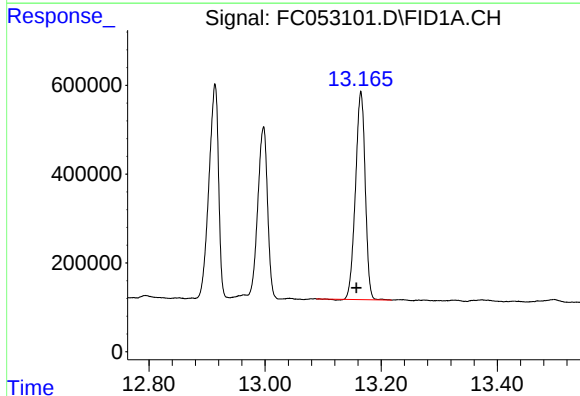
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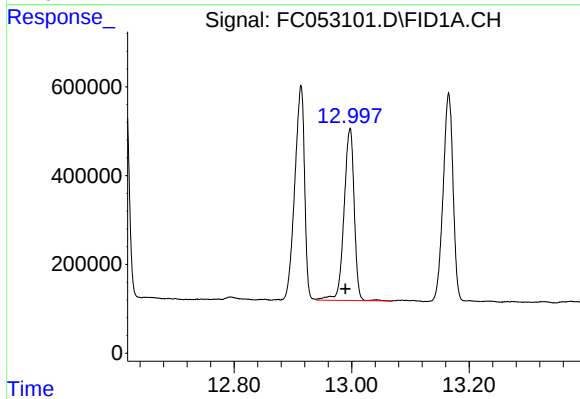
#10 n-Eicosane (C20)

R.T.: 12.553 min
Delta R.T.: 0.008 min
Response: 5568356
Conc: 40.54 ug/ml



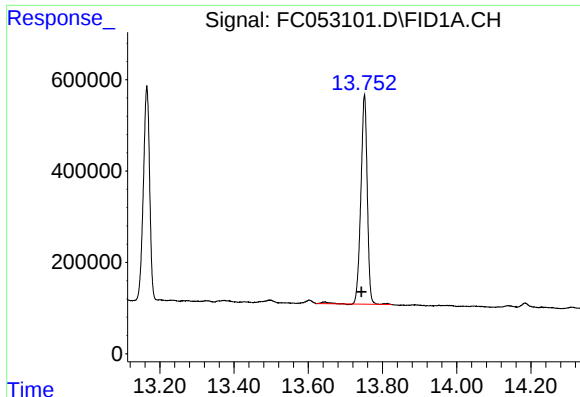
#11 n-Heneicosane (C21)

R.T.: 13.165 min
Delta R.T.: 0.008 min
Response: 5455795
Conc: 39.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.997 min
Delta R.T.: 0.007 min
Response: 4677986
Conc: 40.49 ug/ml



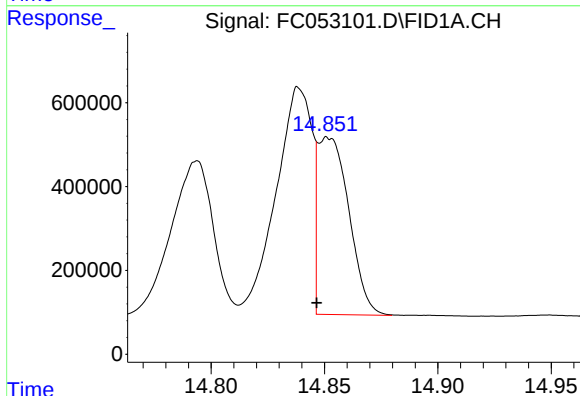
#13 n-Docosane (C22)

R.T.: 13.751 min
Delta R.T.: 0.008 min
Response: 5542026
Conc: 40.21 ug/ml

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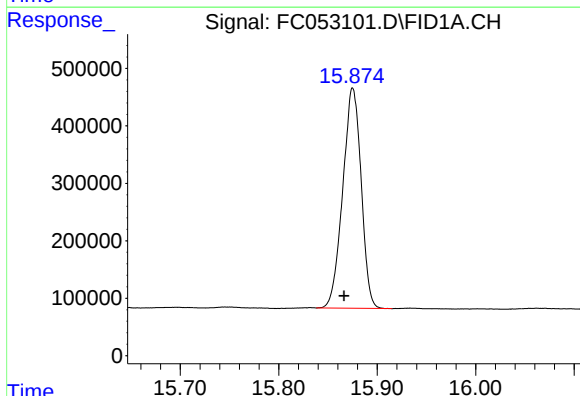
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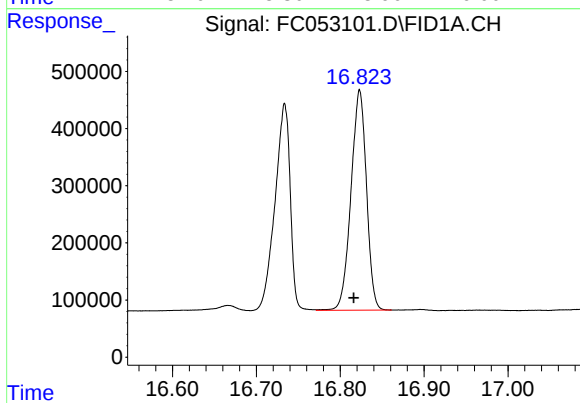
#14 n-Tetracosane (C24)

R.T.: 14.851 min
Delta R.T.: 0.004 min
Response: 4024657
Conc: 29.19 ug/ml m



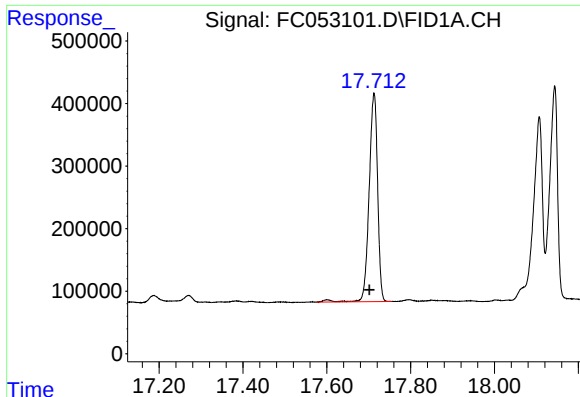
#15 n-Hexacosane (C26)

R.T.: 15.875 min
Delta R.T.: 0.009 min
Response: 4982843
Conc: 36.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.823 min
Delta R.T.: 0.007 min
Response: 4930579
Conc: 36.99 ug/ml



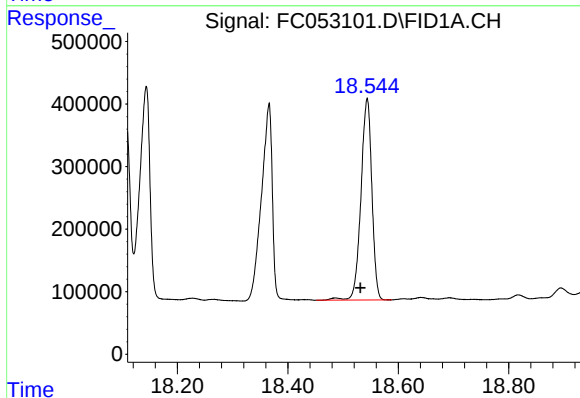
#17 n-Tricontane (C30)

R.T.: 17.713 min
Delta R.T.: 0.010 min
Response: 4686044
Conc: 36.51 ug/ml

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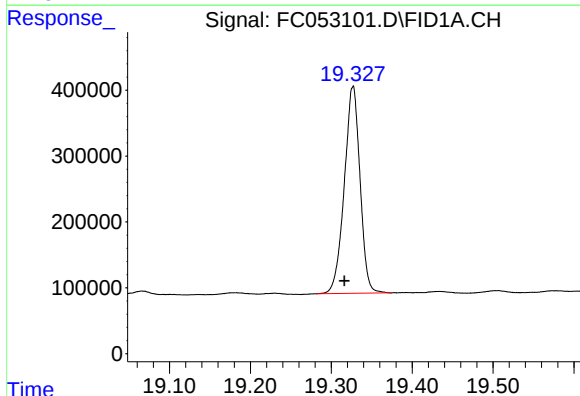
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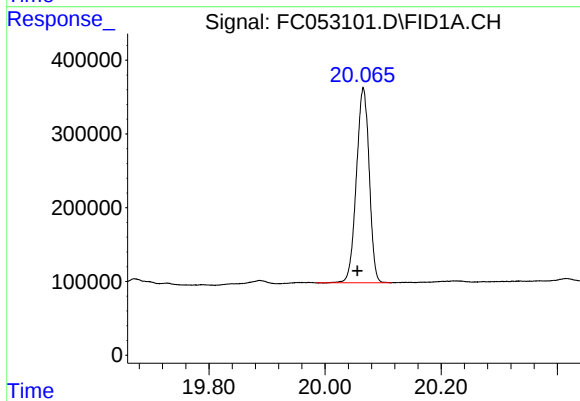
#18 n-Dotriacontane (C32)

R.T.: 18.544 min
Delta R.T.: 0.012 min
Response: 4426180
Conc: 37.05 ug/ml



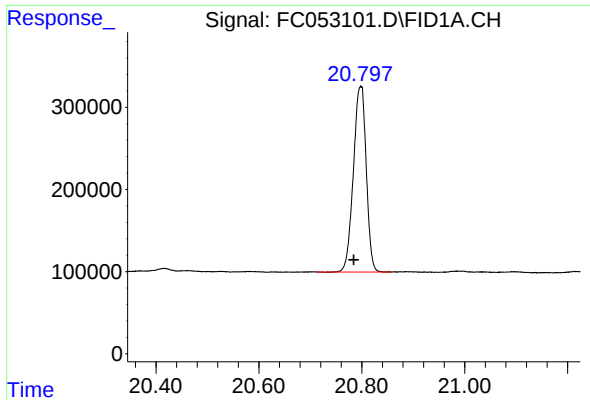
#19 n-Tetratriacontane (C34)

R.T.: 19.327 min
Delta R.T.: 0.010 min
Response: 4253369
Conc: 38.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.066 min
Delta R.T.: 0.010 min
Response: 4045259
Conc: 40.09 ug/ml



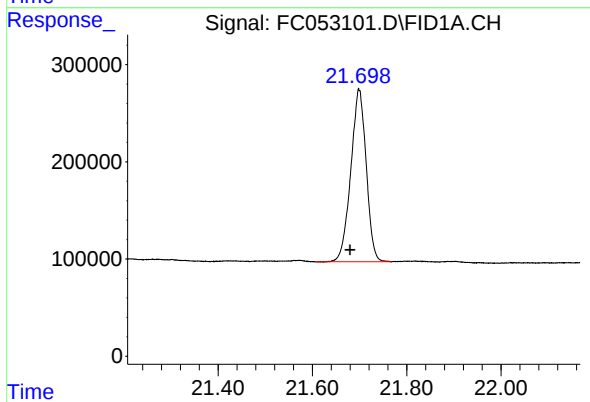
#21 n-Octatriacontane (C38)

R.T.: 20.797 min
Delta R.T.: 0.013 min
Response: 3922492
Conc: 44.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.699 min
Delta R.T.: 0.019 min
Response: 4021862
Conc: 50.24 ug/ml