

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052528.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 2:36
 Operator : DD\AJ
 Sample : M1688-02MSD
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 R-LA-4-1MSD

Manual Integrations
 APPROVED

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 3/19/2021 11:09:39 AM

Integration File: autoint1.e
 Quant Time: Mar 19 06:00:54 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 031721.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 17 03:47:28 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)	11.573	6805827	50.774 ug/ml
Spiked Amount 50.000		Recovery =	101.55%
12) S 1-chlorooctadecane (S...	13.009	5274424	48.901 ug/ml
Spiked Amount 50.000		Recovery =	97.80%
Target Compounds			
1) T n-Nonane (C9)	3.328	3643199	31.367 ug/ml
2) T n-Decane (C10)	4.396	4186678	35.727 ug/ml
3) T A~Naphthalene (C11.7)	5.980	4970131	37.961 ug/ml
4) T n-Dodecane (C12)	6.415	4704806	39.185 ug/ml
5) T A~2-methylnaphthalene...	7.039	5329247	39.812 ug/ml
6) T n-Tetradecane (C14)	8.213	5207287	43.055 ug/ml
7) T n-Hexadecane (C16)	9.812	5772733	47.998 ug/ml
8) T n-Octadecane (C18)	11.256	6227400	49.357 ug/ml
10) T n-Eicosane (C20)	12.565	6126202	47.976 ug/ml
11) T n-Heneicosane (C21)	13.176	6082501	47.853 ug/ml
13) T n-Docosane (C22)	13.762	6022357	47.540 ug/ml
14) T n-Tetracosane (C24)	14.849	7557191	60.496 ug/mlm
15) T n-Hexacosane (C26)	15.886	5496418	45.647 ug/ml
16) T n-Octacosane (C28)	16.833	5297965	45.952 ug/ml
17) T n-Tricontane (C30)	17.723	4858915	44.598 ug/ml
18) T n-Dotriacontane (C32)	18.551	4644446	46.288 ug/ml
19) T n-Tetratriacontane (C34)	19.335	4381619	47.668 ug/ml
20) T n-Hexatriacontane (C36)	20.074	4238820	46.485 ug/ml
21) T n-Octatriacontane (C38)	20.806	4039175	49.491 ug/ml
22) T n-Tetracontane (C40)	21.712	4202143	48.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1688-02MSD
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ALS Vial : 19 Sample Multiplier: 1

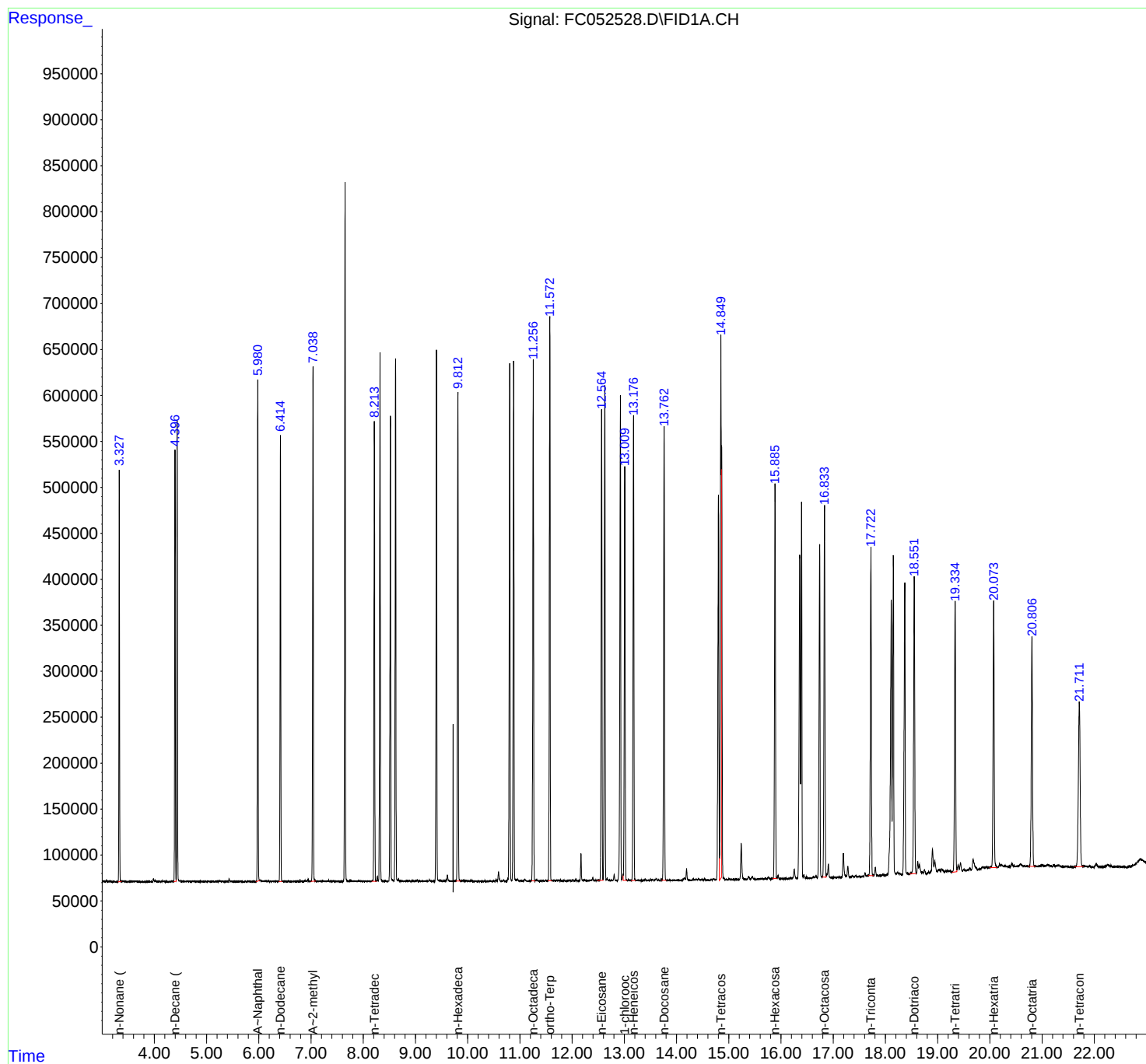
Instrument :
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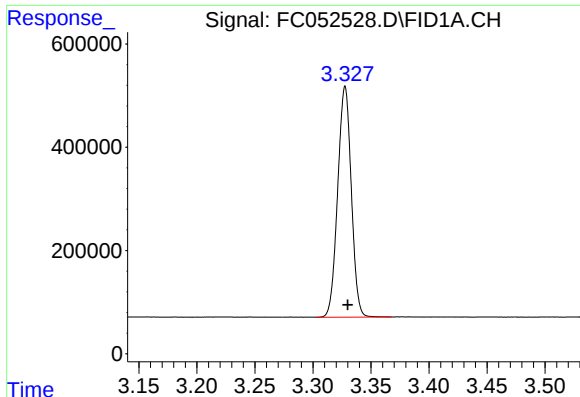
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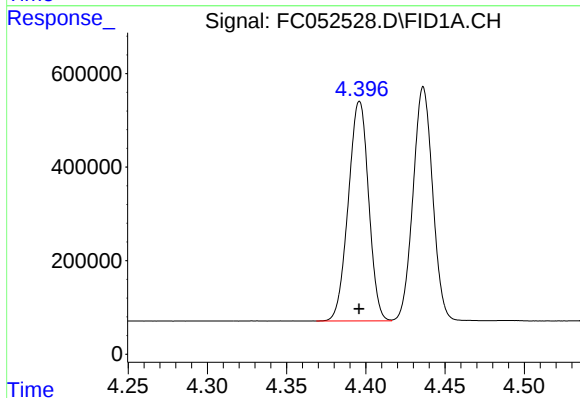
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 3643199
Conc: 31.37 ug/ml

Instrument :
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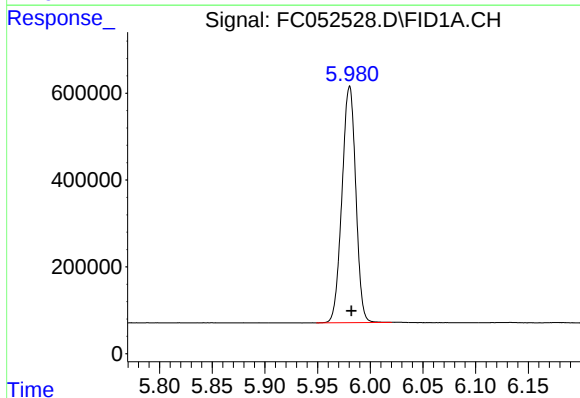
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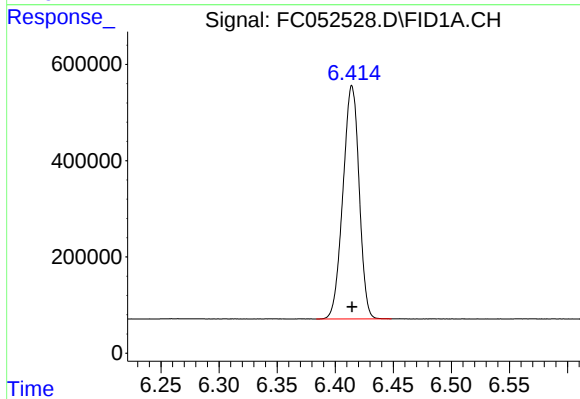
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 4186678
Conc: 35.73 ug/ml



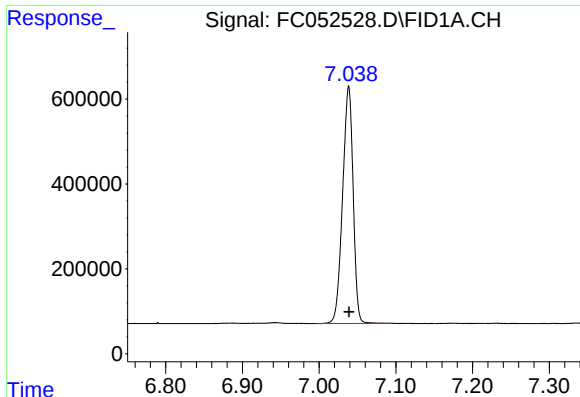
#3 A~Naphthalene (C11.7)

R.T.: 5.980 min
Delta R.T.: -0.002 min
Response: 4970131
Conc: 37.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 4704806
Conc: 39.19 ug/ml



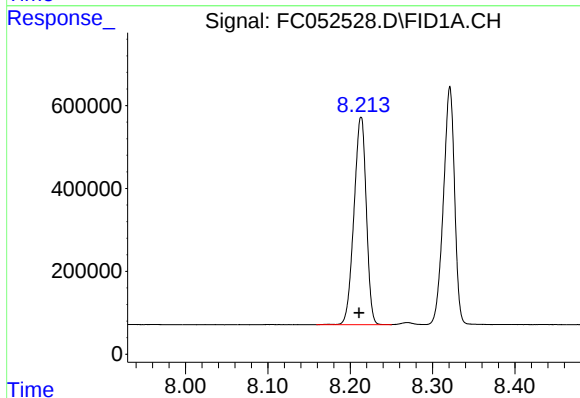
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 5329247
Conc: 39.81 ug/ml

Instrument :
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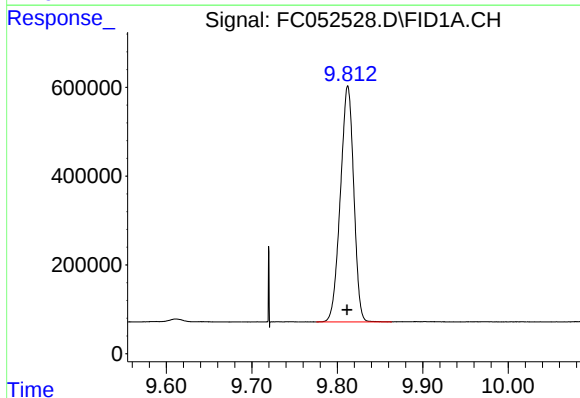
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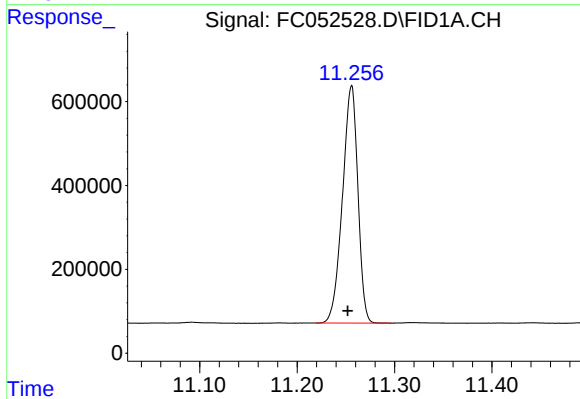
#6 n-Tetradecane (C14)

R.T.: 8.213 min
Delta R.T.: 0.003 min
Response: 5207287
Conc: 43.05 ug/ml



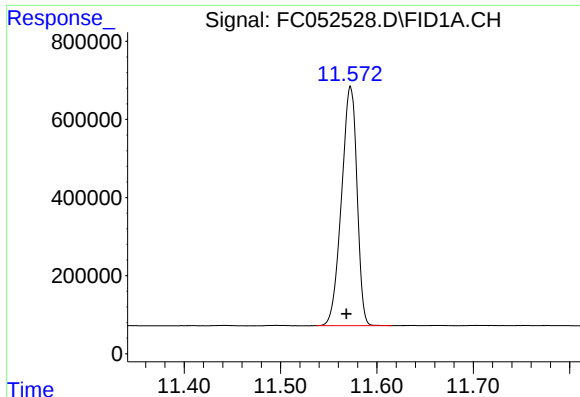
#7 n-Hexadecane (C16)

R.T.: 9.812 min
Delta R.T.: 0.000 min
Response: 5772733
Conc: 48.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.004 min
Response: 6227400
Conc: 49.36 ug/ml



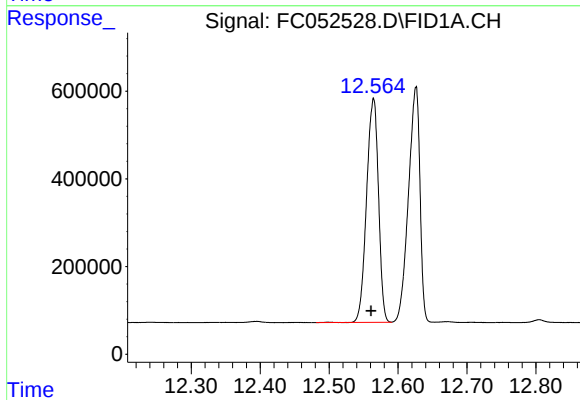
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.004 min
Response: 6805827
Conc: 50.77 ug/ml

Instrument :
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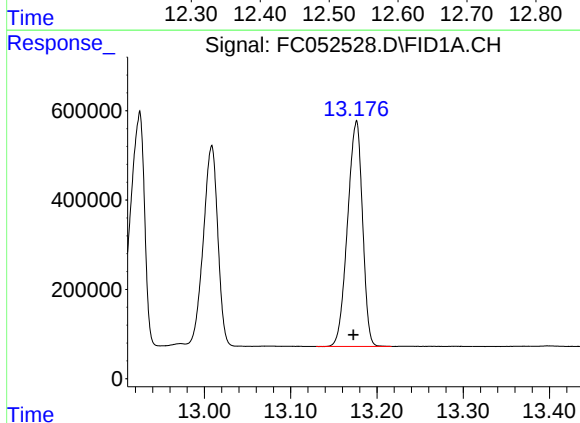
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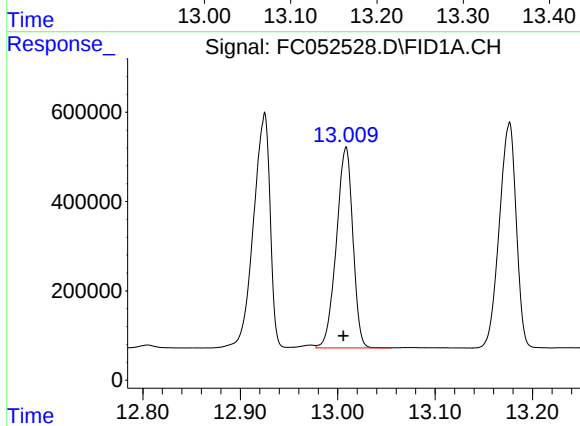
#10 n-Eicosane (C20)

R.T.: 12.565 min
Delta R.T.: 0.003 min
Response: 6126202
Conc: 47.98 ug/ml



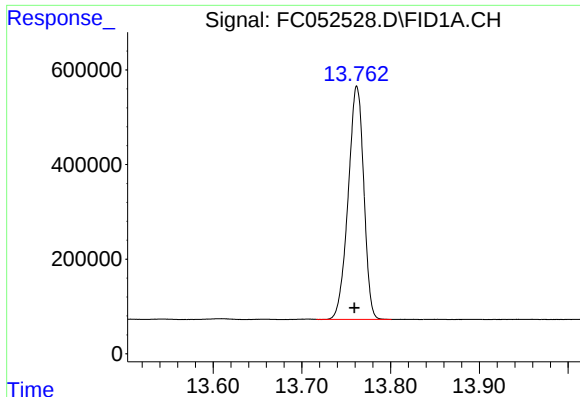
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: 0.004 min
Response: 6082501
Conc: 47.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.009 min
Delta R.T.: 0.003 min
Response: 5274424
Conc: 48.90 ug/ml



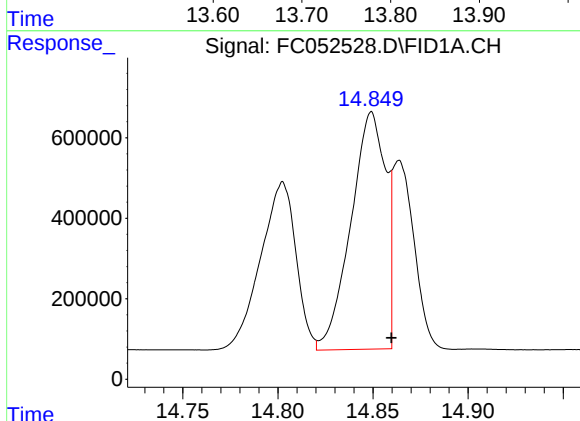
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.003 min
Response: 6022357
Conc: 47.54 ug/ml

Instrument :
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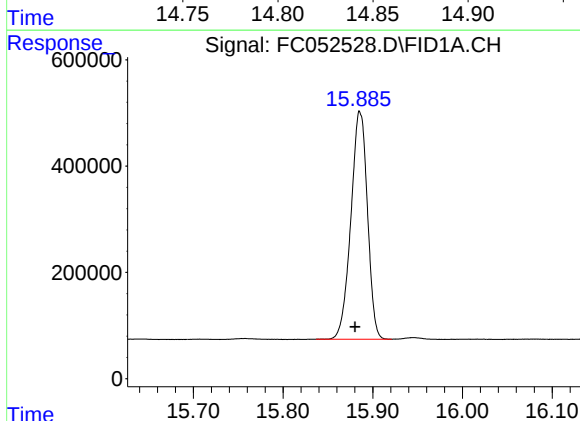
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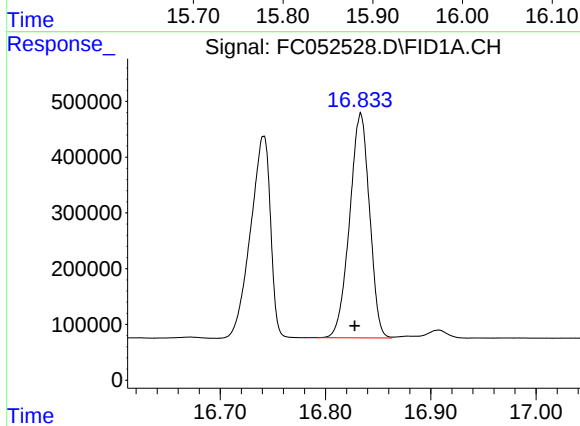
#14 n-Tetracosane (C24)

R.T.: 14.849 min
Delta R.T.: -0.011 min
Response: 7557191
Conc: 60.50 ug/ml m



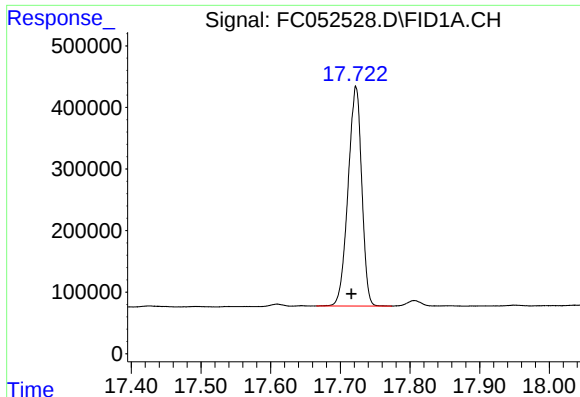
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.005 min
Response: 5496418
Conc: 45.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.006 min
Response: 5297965
Conc: 45.95 ug/ml



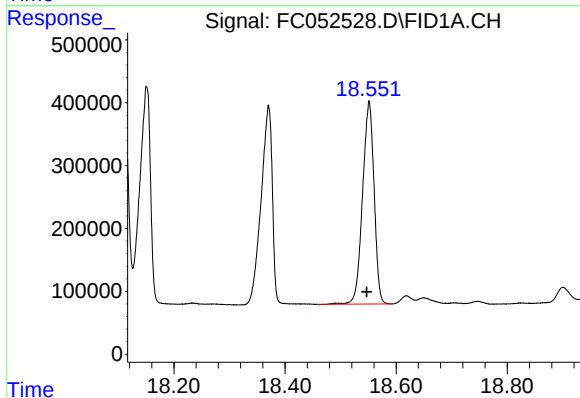
#17 n-Tricontane (C30)

R.T.: 17.723 min
Delta R.T.: 0.007 min
Response: 4858915
Conc: 44.60 ug/ml

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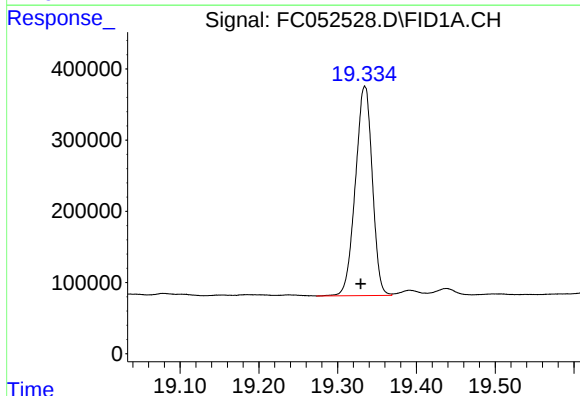
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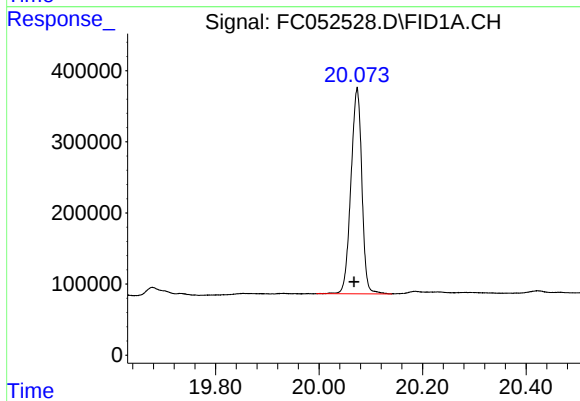
#18 n-Dotriacontane (C32)

R.T.: 18.551 min
Delta R.T.: 0.004 min
Response: 4644446
Conc: 46.29 ug/ml



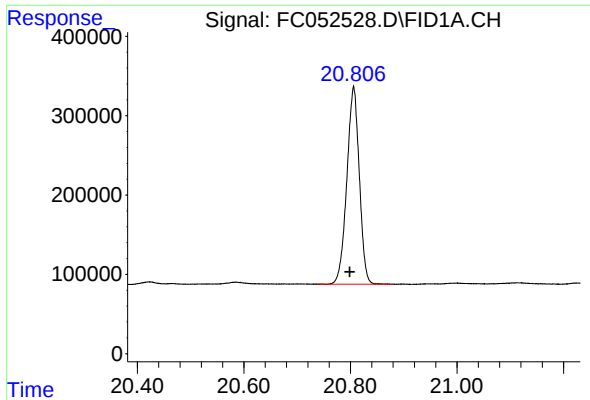
#19 n-Tetratriacontane (C34)

R.T.: 19.335 min
Delta R.T.: 0.005 min
Response: 4381619
Conc: 47.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.074 min
Delta R.T.: 0.006 min
Response: 4238820
Conc: 46.48 ug/ml



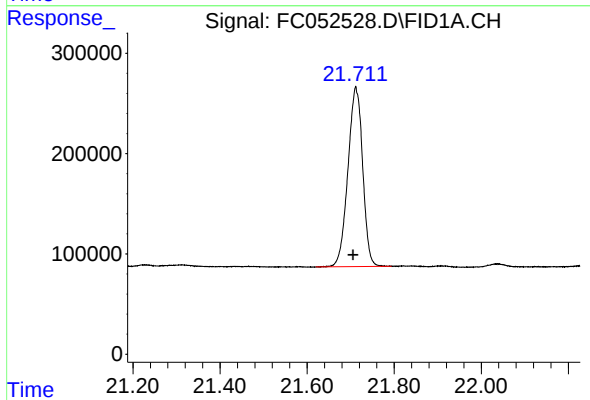
#21 n-Octatriacontane (C38)

R.T.: 20.806 min
Delta R.T.: 0.007 min
Response: 4039175
Conc: 49.49 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.712 min
Delta R.T.: 0.006 min
Response: 4202143
Conc: 48.78 ug/ml