

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031821AL\
 Data File : FC052527.D
 Signal(s) : FID1A.CH
 Acq On : 19 Mar 2021 1:59
 Operator : DD\AJ
 Sample : M1688-02MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

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 3/19/2021 11:09:37 AM

Integration File: autoint1.e
 Quant Time: Mar 19 06:00:34 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	6861074	51.186 ug/ml
Spiked Amount 50.000		Recovery =	102.37%
12) S 1-chlorooctadecane (S...	13.008	5342763	49.535 ug/ml
Spiked Amount 50.000		Recovery =	99.07%
Target Compounds			
1) T n-Nonane (C9)	3.328	3671669	31.612 ug/ml
2) T n-Decane (C10)	4.396	4208151	35.910 ug/ml
3) T A~Naphthalene (C11.7)	5.981	4996603	38.164 ug/ml
4) T n-Dodecane (C12)	6.415	4734466	39.432 ug/ml
5) T A~2-methylnaphthalene...	7.039	5357924	40.027 ug/ml
6) T n-Tetradecane (C14)	8.214	5213596	43.107 ug/ml
7) T n-Hexadecane (C16)	9.814	5791142	48.151 ug/ml
8) T n-Octadecane (C18)	11.256	6254898	49.575 ug/ml
10) T n-Eicosane (C20)	12.564	6144228	48.117 ug/ml
11) T n-Heneicosane (C21)	13.176	6091148	47.921 ug/ml
13) T n-Docosane (C22)	13.762	6040325	47.682 ug/ml
14) T n-Tetracosane (C24)	14.850	7770304	62.202 ug/mlm
15) T n-Hexacosane (C26)	15.886	5484939	45.551 ug/ml
16) T n-Octacosane (C28)	16.834	5297386	45.947 ug/ml
17) T n-Tricontane (C30)	17.720	4871568	44.714 ug/ml
18) T n-Dotriacontane (C32)	18.552	4647589	46.319 ug/ml
19) T n-Tetratriacontane (C34)	19.334	4388915	47.748 ug/ml
20) T n-Hexatriacontane (C36)	20.073	4121870	45.202 ug/ml
21) T n-Octatriacontane (C38)	20.807	4044923	49.561 ug/ml
22) T n-Tetracontane (C40)	21.710	4212730	48.906 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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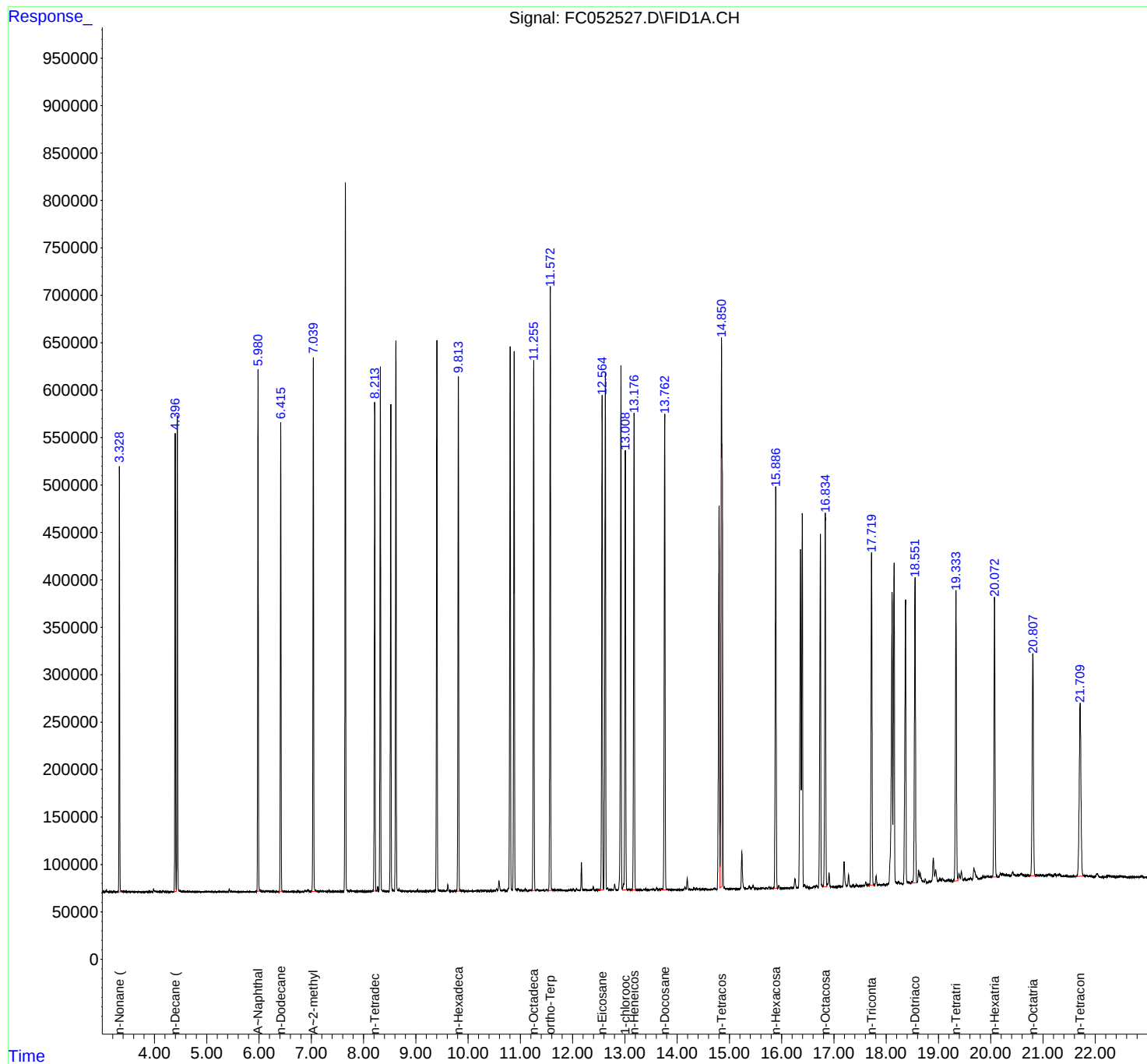
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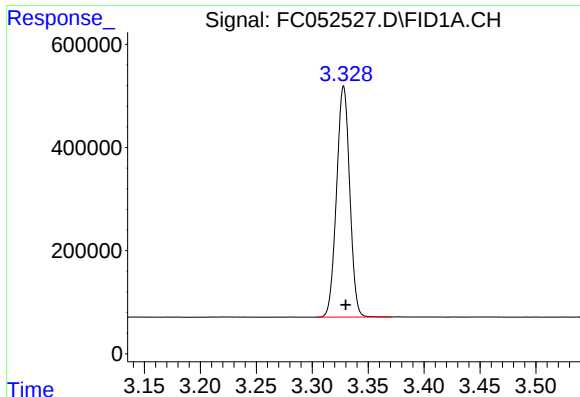
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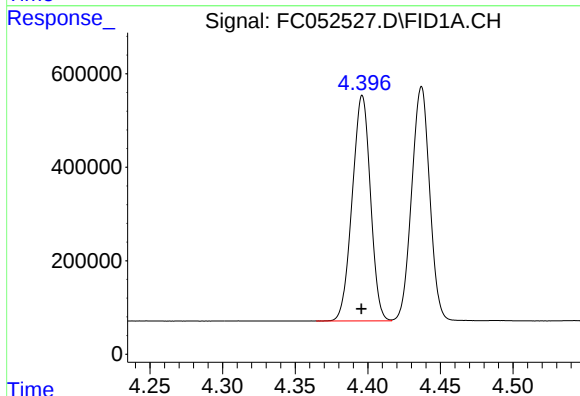
#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: -0.002 min
Response: 3671669
Conc: 31.61 ug/ml

Instrument :
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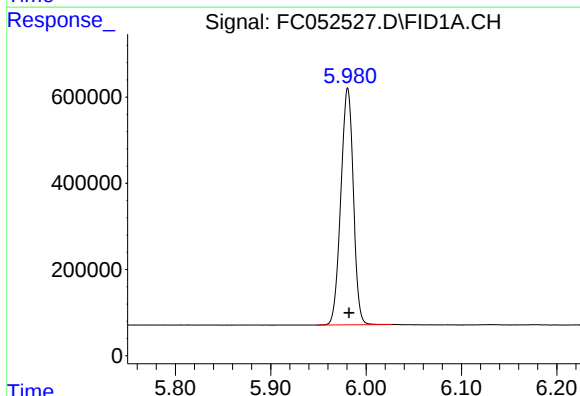
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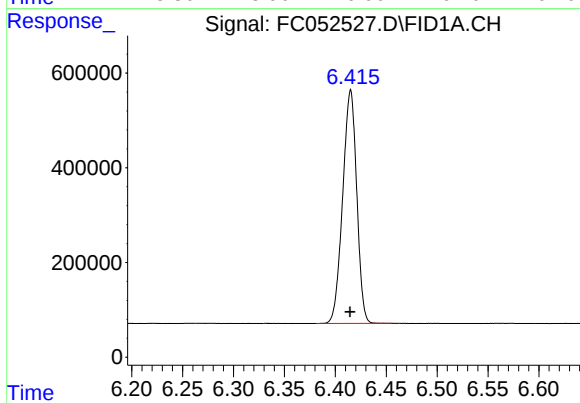
#2 n-Decane (C10)

R.T.: 4.396 min
Delta R.T.: 0.000 min
Response: 4208151
Conc: 35.91 ug/ml



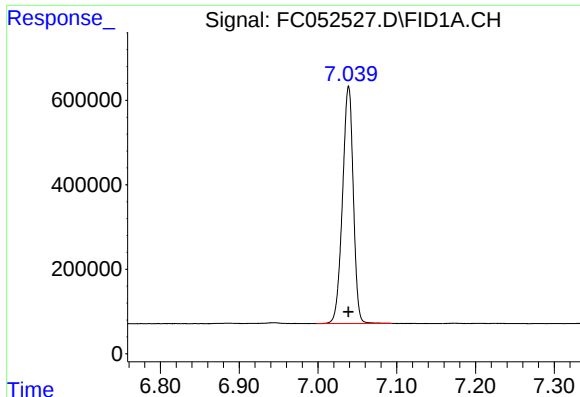
#3 A~Naphthalene (C11.7)

R.T.: 5.981 min
Delta R.T.: -0.001 min
Response: 4996603
Conc: 38.16 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.415 min
Delta R.T.: 0.000 min
Response: 4734466
Conc: 39.43 ug/ml



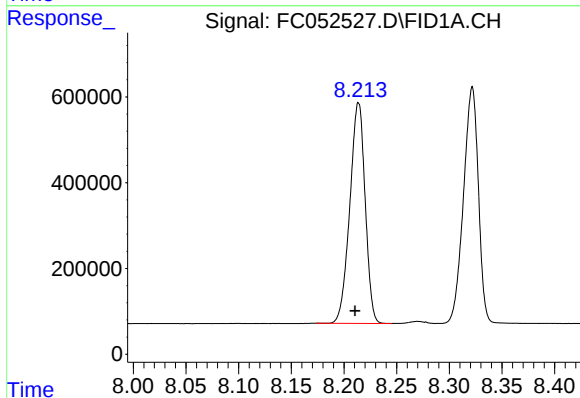
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.039 min
Delta R.T.: 0.000 min
Response: 5357924
Conc: 40.03 ug/ml

Instrument :
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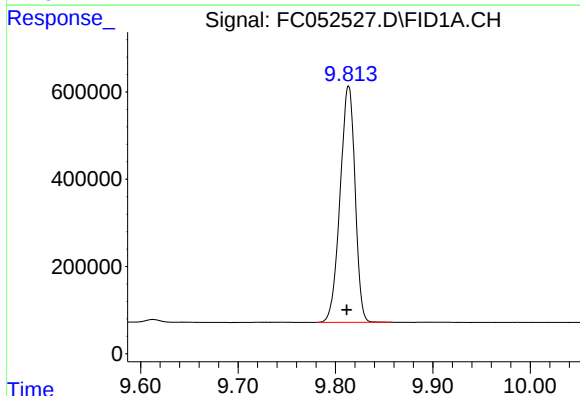
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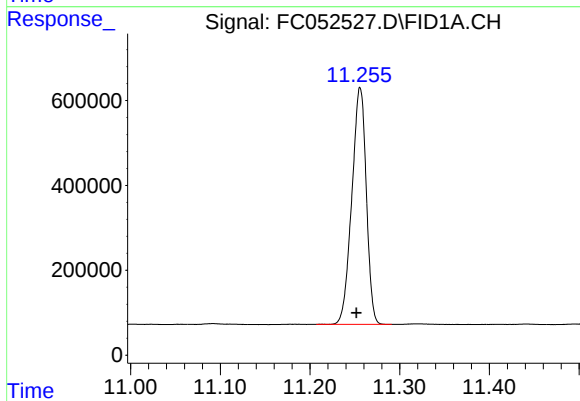
#6 n-Tetradecane (C14)

R.T.: 8.214 min
Delta R.T.: 0.003 min
Response: 5213596
Conc: 43.11 ug/ml



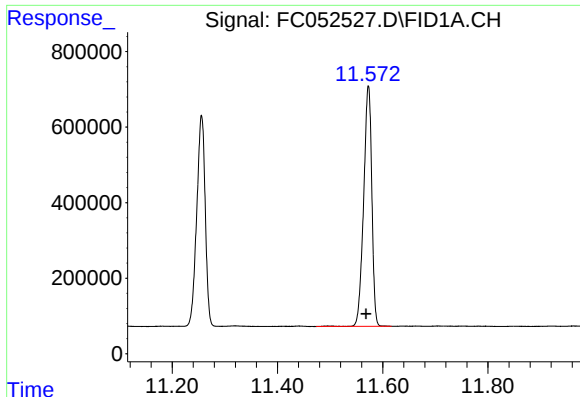
#7 n-Hexadecane (C16)

R.T.: 9.814 min
Delta R.T.: 0.002 min
Response: 5791142
Conc: 48.15 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.256 min
Delta R.T.: 0.004 min
Response: 6254898
Conc: 49.58 ug/ml



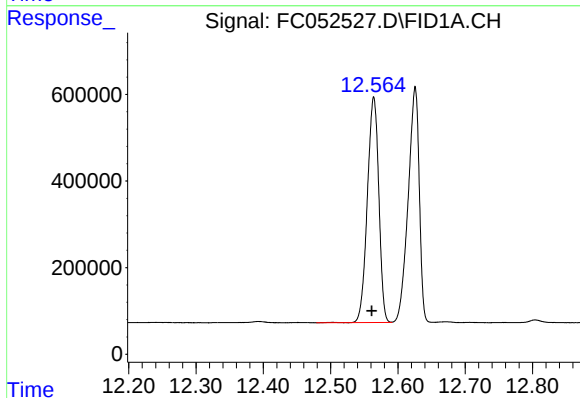
#9 ortho-Terphenyl (SURR)

R.T.: 11.573 min
Delta R.T.: 0.004 min
Response: 6861074
Conc: 51.19 ug/ml

Instrument :
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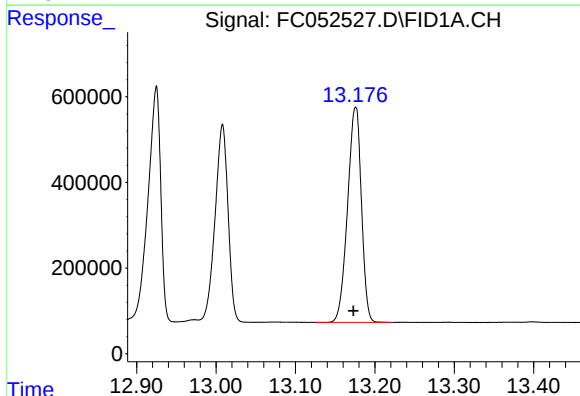
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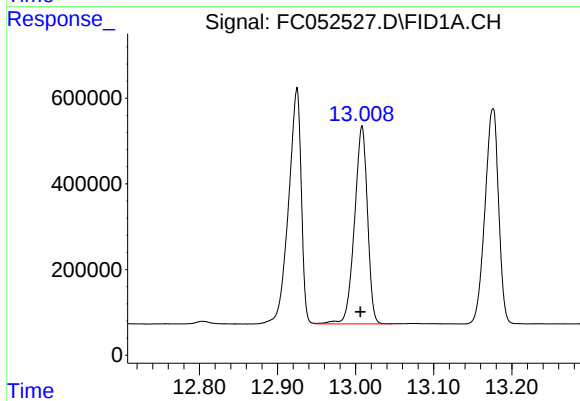
#10 n-Eicosane (C20)

R.T.: 12.564 min
Delta R.T.: 0.003 min
Response: 6144228
Conc: 48.12 ug/ml



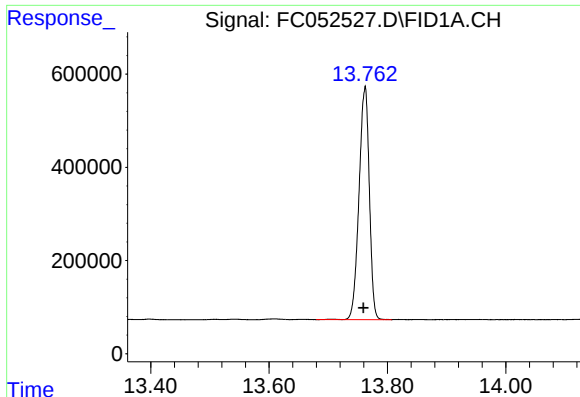
#11 n-Heneicosane (C21)

R.T.: 13.176 min
Delta R.T.: 0.003 min
Response: 6091148
Conc: 47.92 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.008 min
Delta R.T.: 0.002 min
Response: 5342763
Conc: 49.53 ug/ml



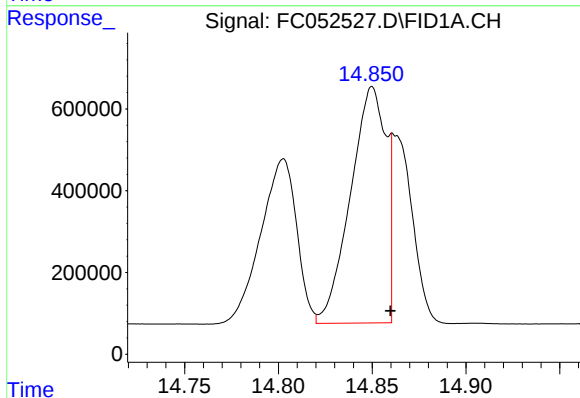
#13 n-Docosane (C22)

R.T.: 13.762 min
Delta R.T.: 0.003 min
Response: 6040325
Conc: 47.68 ug/ml

Instrument :
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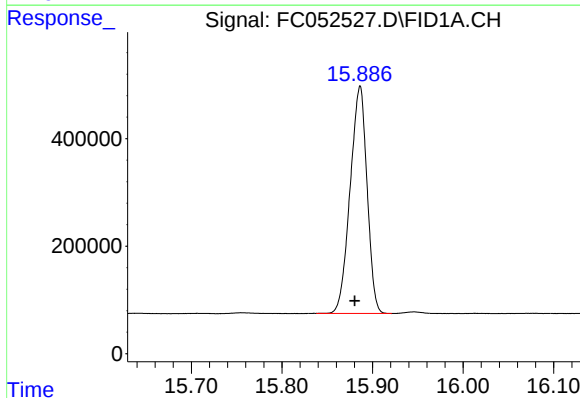
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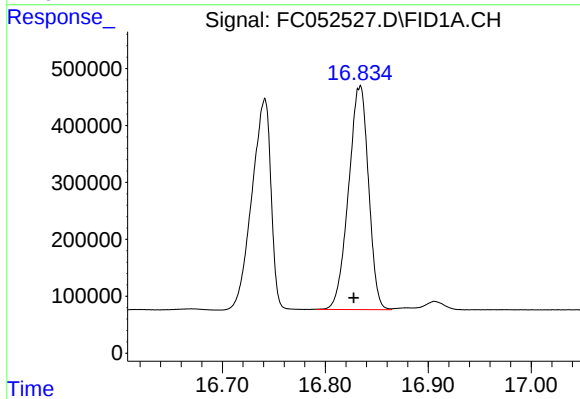
#14 n-Tetracosane (C24)

R.T.: 14.850 min
Delta R.T.: -0.010 min
Response: 7770304
Conc: 62.20 ug/ml m



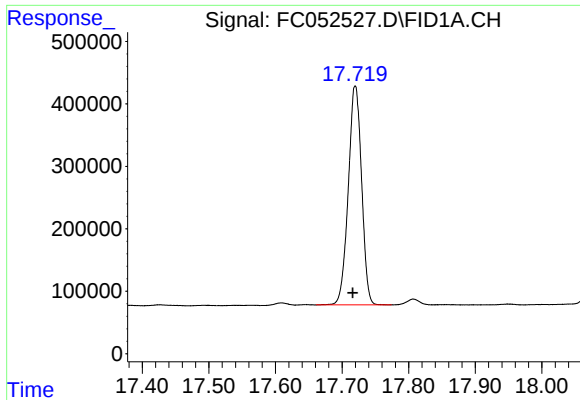
#15 n-Hexacosane (C26)

R.T.: 15.886 min
Delta R.T.: 0.006 min
Response: 5484939
Conc: 45.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.834 min
Delta R.T.: 0.006 min
Response: 5297386
Conc: 45.95 ug/ml



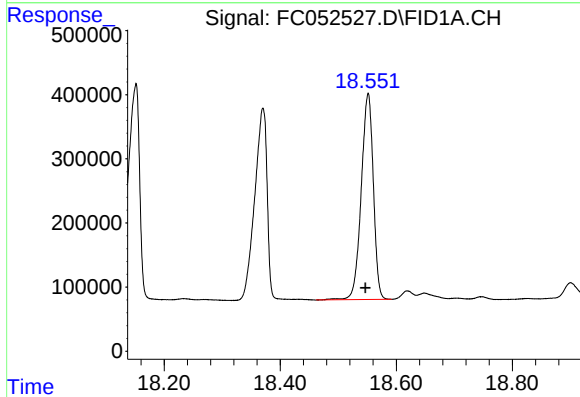
#17 n-Tricontane (C30)

R.T.: 17.720 min
Delta R.T.: 0.004 min
Response: 4871568
Conc: 44.71 ug/ml

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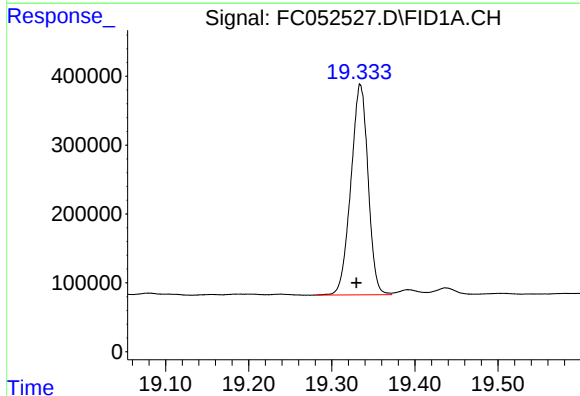
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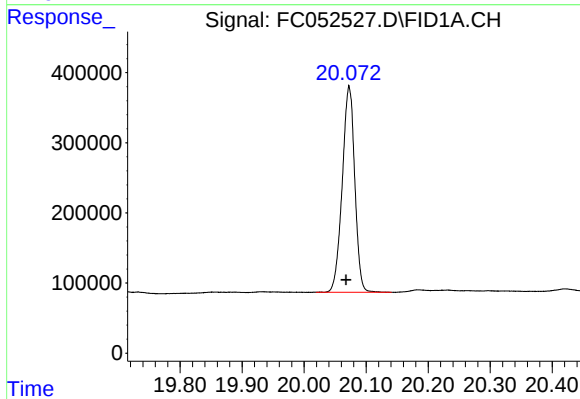
#18 n-Dotriacontane (C32)

R.T.: 18.552 min
Delta R.T.: 0.005 min
Response: 4647589
Conc: 46.32 ug/ml



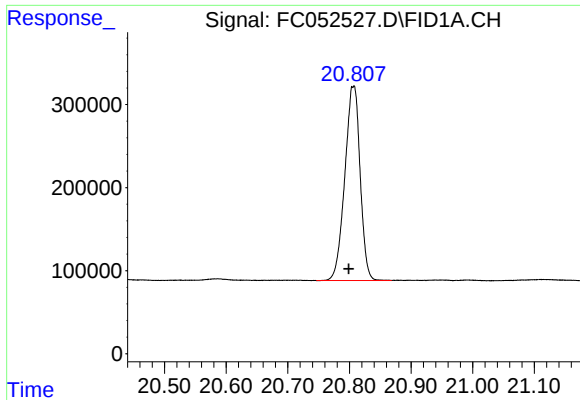
#19 n-Tetratriacontane (C34)

R.T.: 19.334 min
Delta R.T.: 0.005 min
Response: 4388915
Conc: 47.75 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.073 min
Delta R.T.: 0.005 min
Response: 4121870
Conc: 45.20 ug/ml



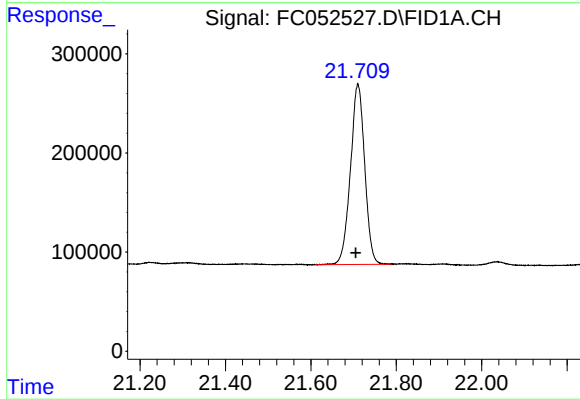
#21 n-Octatriacontane (C38)

R.T.: 20.807 min
Delta R.T.: 0.008 min
Response: 4044923
Conc: 49.56 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.710 min
Delta R.T.: 0.005 min
Response: 4212730
Conc: 48.91 ug/ml