

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC031521AL\
 Data File : FC052437.D
 Signal(s) : FID1A.CH
 Acq On : 15 Mar 2021 20:15
 Operator : DD\AJ
 Sample : M1664-02MS
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 VNJ-230MS

Manual Integrations
 APPROVED

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 3/16/2021 11:19:23 AM

Integration File: autoint1.e
 Quant Time: Mar 16 01:33:31 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 03:56:17 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)	11.611	4844051	36.732 ug/ml
Spiked Amount 50.000		Recovery =	73.46%
12) S 1-chlorooctadecane (S...	13.047	3868333	37.196 ug/ml
Spiked Amount 50.000		Recovery =	74.39%
Target Compounds			
1) T n-Nonane (C9)	3.354	3761764	31.913 ug/ml
2) T n-Decane (C10)	4.424	4317174	36.350 ug/ml
3) T A~Naphthalene (C11.7)	6.014	5156100	38.833 ug/ml
4) T n-Dodecane (C12)	6.446	4733491	39.156 ug/ml
5) T A~2-methylnaphthalene...	7.073	5465919	40.269 ug/ml
6) T n-Tetradecane (C14)	8.247	5065606	41.781 ug/ml
7) T n-Hexadecane (C16)	9.848	5334853	44.587 ug/ml
8) T n-Octadecane (C18)	11.293	5608325	45.306 ug/ml
10) T n-Eicosane (C20)	12.604	5471897	44.408 ug/ml
11) T n-Heneicosane (C21)	13.216	5453014	44.670 ug/ml
13) T n-Docosane (C22)	13.802	5271811	43.814 ug/ml
14) T n-Tetracosane (C24)	14.899	10046151	86.171 ug/ml
15) T n-Hexacosane (C26)	15.930	4807439	43.763 ug/ml
16) T n-Octacosane (C28)	16.879	4751130	46.352 ug/ml
17) T n-Tricontane (C30)	17.769	4554241	48.377 ug/ml
18) T n-Dotriacontane (C32)	18.600	4406035	51.604 ug/ml
19) T n-Tetratriacontane (C34)	19.383	4228006	54.535 ug/ml
20) T n-Hexatriacontane (C36)	20.124	3926602	54.645 ug/mlm
21) T n-Octatriacontane (C38)	20.865	3899398	56.925 ug/mlm
22) T n-Tetracontane (C40)	21.791	3760330	52.292 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : M1664-02MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

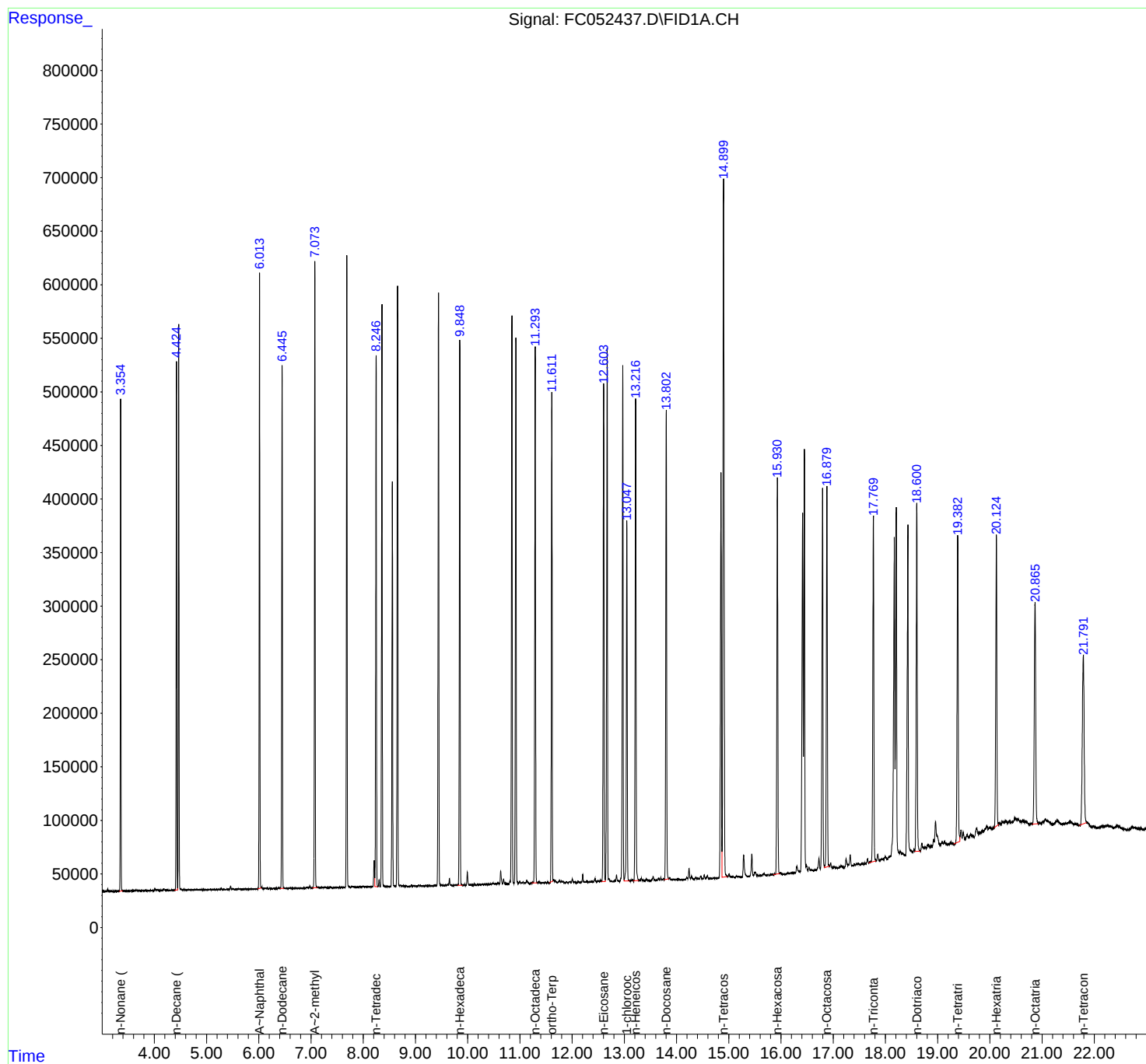
Instrument :
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VNJ-230MS

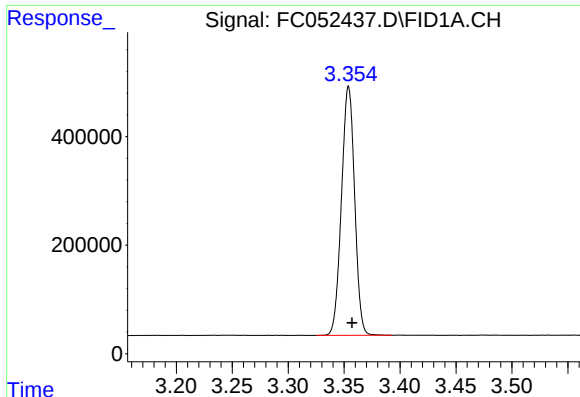
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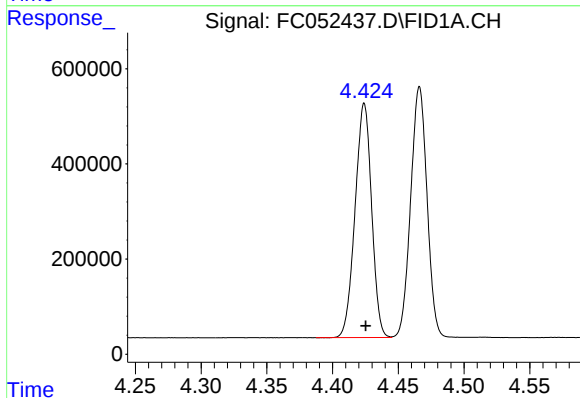
#1 n-Nonane (C9)

R.T.: 3.354 min
Delta R.T.: -0.003 min
Response: 3761764
Conc: 31.91 ug/ml

Instrument :
FID_C
ClientSampleId :
VNJ-230MS

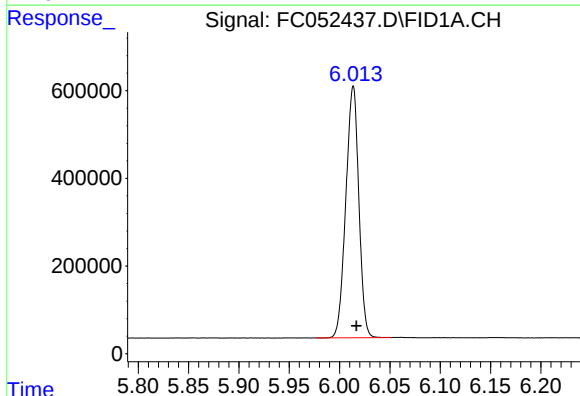
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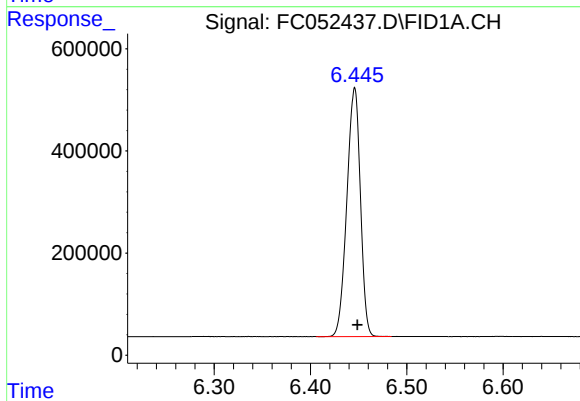
#2 n-Decane (C10)

R.T.: 4.424 min
Delta R.T.: -0.001 min
Response: 4317174
Conc: 36.35 ug/ml



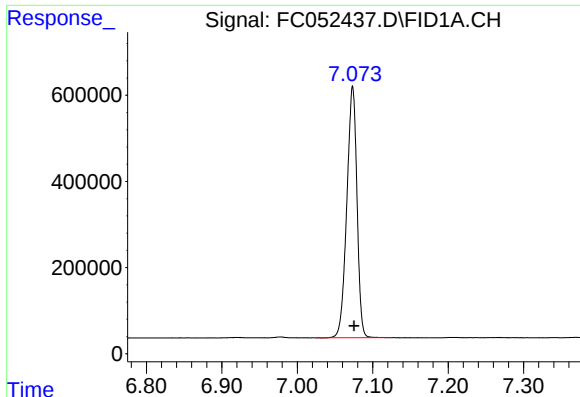
#3 A~Naphthalene (C11.7)

R.T.: 6.014 min
Delta R.T.: -0.003 min
Response: 5156100
Conc: 38.83 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.446 min
Delta R.T.: -0.003 min
Response: 4733491
Conc: 39.16 ug/ml



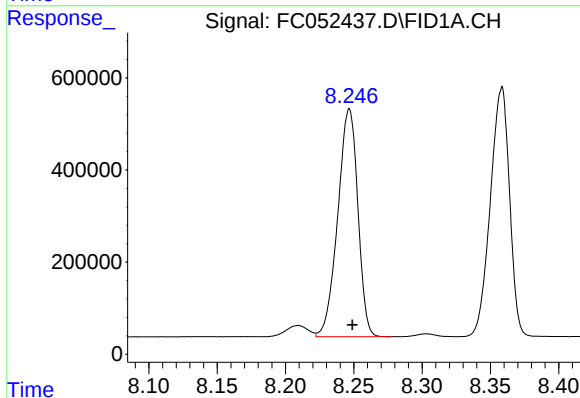
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.073 min
Delta R.T.: -0.002 min
Response: 5465919
Conc: 40.27 ug/ml

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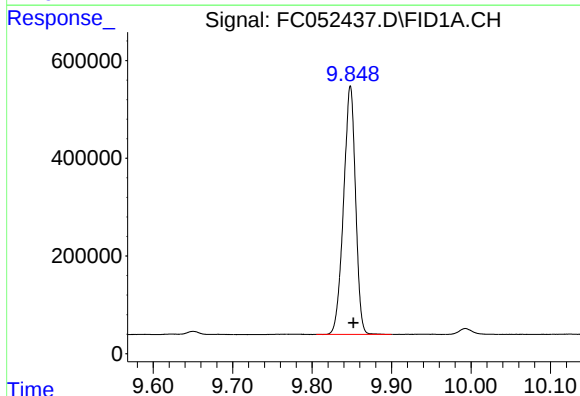
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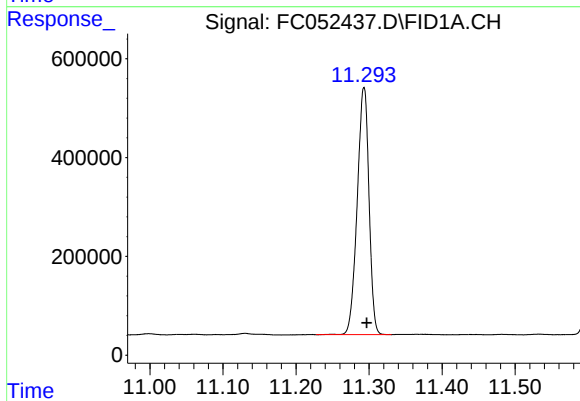
#6 n-Tetradecane (C14)

R.T.: 8.247 min
Delta R.T.: -0.002 min
Response: 5065606
Conc: 41.78 ug/ml



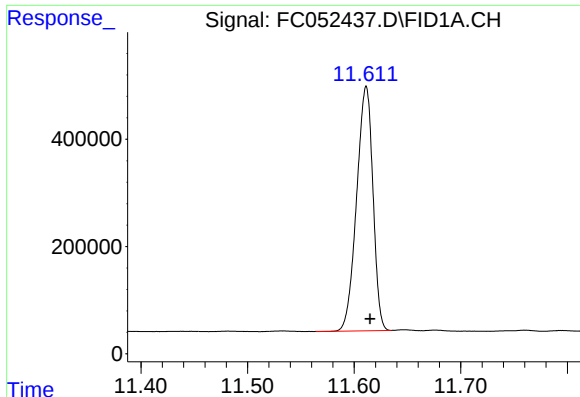
#7 n-Hexadecane (C16)

R.T.: 9.848 min
Delta R.T.: -0.004 min
Response: 5334853
Conc: 44.59 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.293 min
Delta R.T.: -0.004 min
Response: 5608325
Conc: 45.31 ug/ml



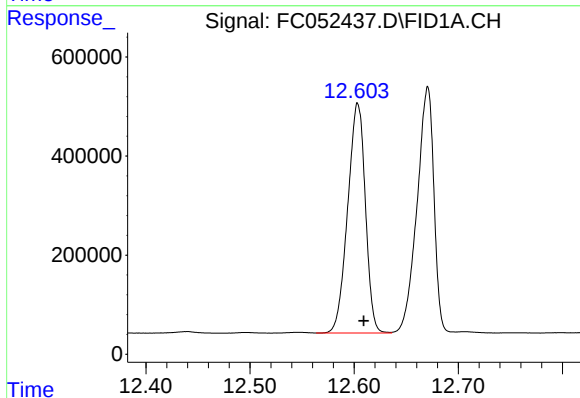
#9 ortho-Terphenyl (SURR)

R.T.: 11.611 min
Delta R.T.: -0.004 min
Response: 4844051
Conc: 36.73 ug/ml

Instrument :
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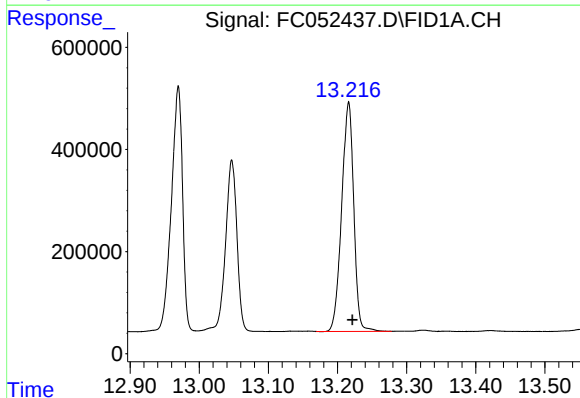
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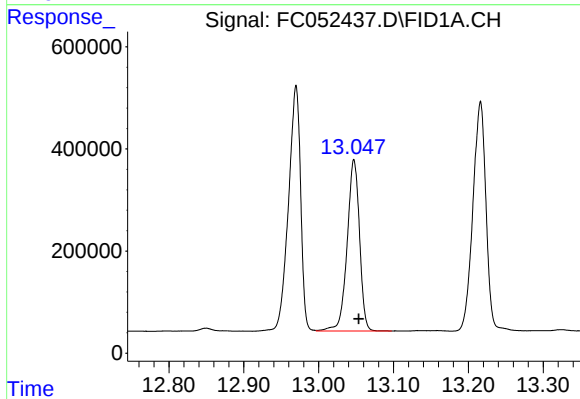
#10 n-Eicosane (C20)

R.T.: 12.604 min
Delta R.T.: -0.006 min
Response: 5471897
Conc: 44.41 ug/ml



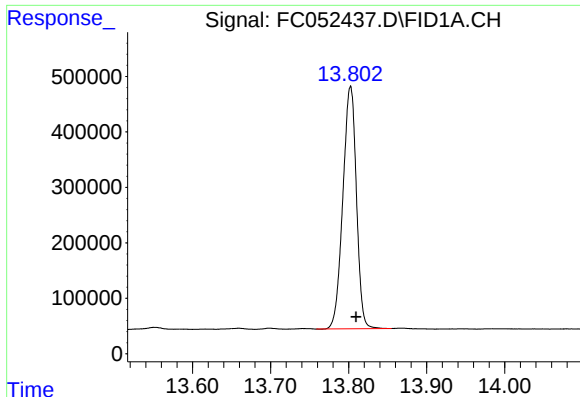
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.005 min
Response: 5453014
Conc: 44.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.047 min
Delta R.T.: -0.006 min
Response: 3868333
Conc: 37.20 ug/ml



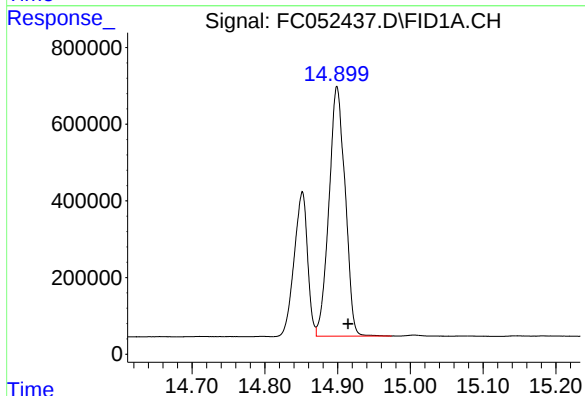
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.007 min
Response: 5271811
Conc: 43.81 ug/ml

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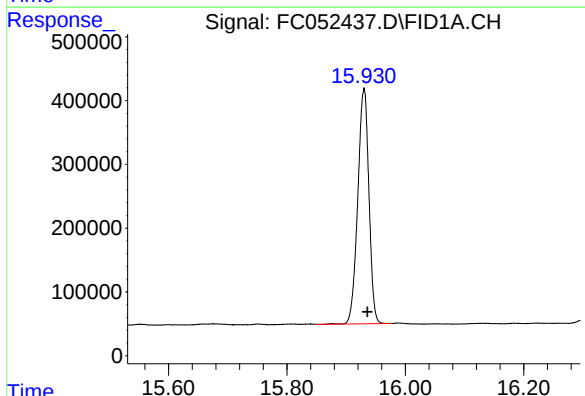
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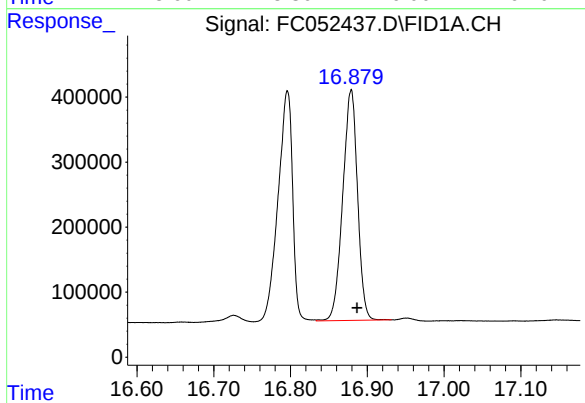
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: -0.015 min
Response: 10046151
Conc: 86.17 ug/ml



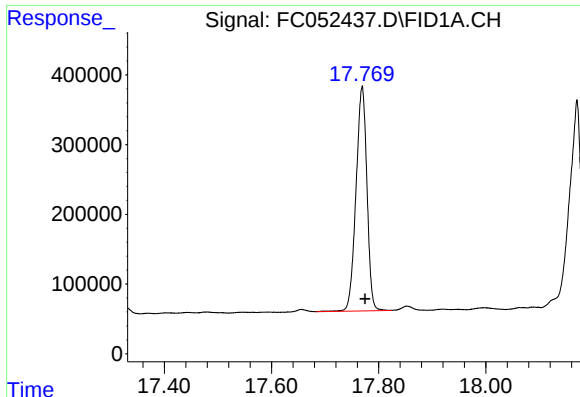
#15 n-Hexacosane (C26)

R.T.: 15.930 min
Delta R.T.: -0.006 min
Response: 4807439
Conc: 43.76 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.879 min
Delta R.T.: -0.007 min
Response: 4751130
Conc: 46.35 ug/ml



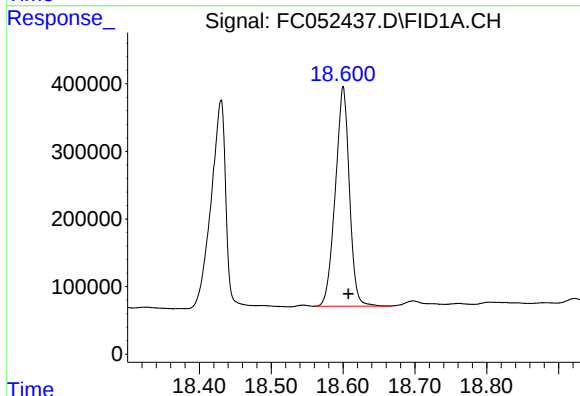
#17 n-Tricontane (C30)

R.T.: 17.769 min
Delta R.T.: -0.006 min
Response: 4554241
Conc: 48.38 ug/ml

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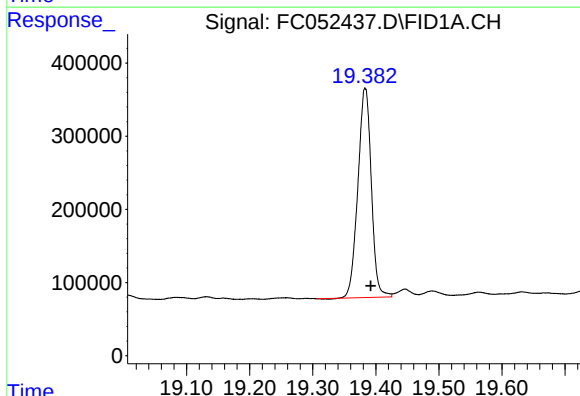
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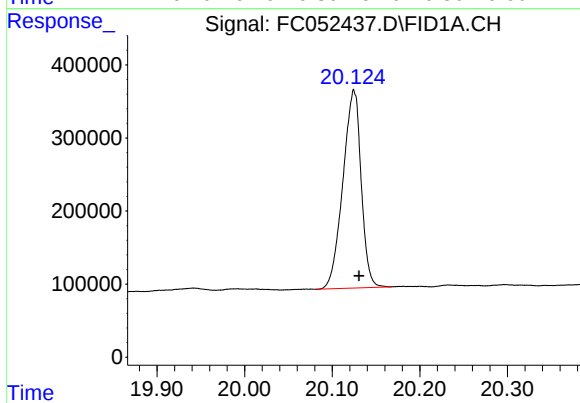
#18 n-Dotriacontane (C32)

R.T.: 18.600 min
Delta R.T.: -0.007 min
Response: 4406035
Conc: 51.60 ug/ml



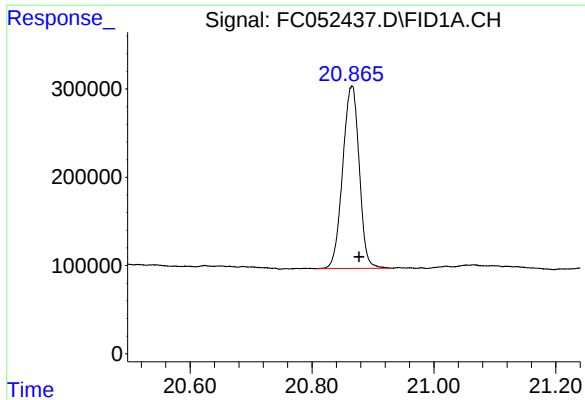
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.009 min
Response: 4228006
Conc: 54.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.007 min
Response: 3926602
Conc: 54.64 ug/ml m



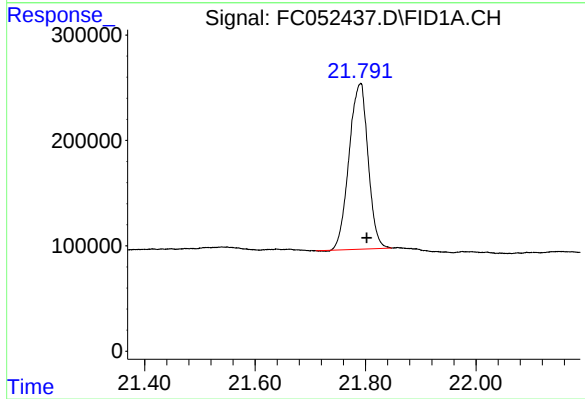
#21 n-Octatriacontane (C38)

R.T.: 20.865 min
Delta R.T.: -0.012 min
Response: 3899398
Conc: 56.92 ug/ml m

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.791 min
Delta R.T.: -0.011 min
Response: 3760330
Conc: 52.29 ug/ml