

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051220AL\
 Data File : FC047382.D
 Signal(s) : FID1A.CH
 Acq On : 12 May 2020 21:19
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Sohil
 5/13/2020 3:33:45 PM

Integration File: sample.E
 Quant Time: May 13 03:34:14 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 050820.M
 Quant Title : GC Extractables
 QLast Update : Fri May 08 16:49:27 2020
 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)	11.744	2268154	18.974 ug/ml
Spiked Amount 50.000		Recovery =	37.95%
12) S 1-chlorooctadecane (S...	13.156	1819929	18.555 ug/ml
Spiked Amount 50.000		Recovery =	37.11%
Target Compounds			
1) T n-Nonane (C9)	3.549	2054208	20.263 ug/ml
2) T n-Decane (C10)	4.613	2079807	20.353 ug/ml
3) T A~Naphthalene (C11.7)	6.211	2109119	20.255 ug/ml
4) T n-Dodecane (C12)	6.614	2143876	20.297 ug/ml
5) T A~2-methylnaphthalene...	7.259	2142489	20.402 ug/ml
6) T n-Tetradecane (C14)	8.392	2123397	20.075 ug/ml
7) T n-Hexadecane (C16)	9.979	2078780	19.647 ug/ml
8) T n-Octadecane (C18)	11.411	2150483	19.205 ug/ml
10) T n-Eicosane (C20)	12.711	2141789	18.823 ug/ml
11) T n-Heneicosane (C21)	13.319	2117468	18.625 ug/ml
13) T n-Docosane (C22)	13.901	2092180	18.411 ug/ml
14) T n-Tetracosane (C24)	14.996	2054556	18.159 ug/ml
15) T n-Hexacosane (C26)	16.011	1981243	17.689 ug/ml
16) T n-Octacosane (C28)	16.956	1931658	17.319 ug/ml
17) T n-Tricontane (C30)	17.837	1848032	17.092 ug/ml
18) T n-Dotriacontane (C32)	18.663	1689388	17.131 ug/ml
19) T n-Tetratriacontane (C34)	19.443	1570187	17.119 ug/ml
20) T n-Hexatriacontane (C36)	20.179	1550755	17.882 ug/ml
21) T n-Octatriacontane (C38)	20.932	1544186	19.138 ug/mlm
22) T n-Tetracontane (C40)	21.874	1739742	21.393 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC051220AL\
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Signal(s) : FID1A.CH
Acq On : 12 May 2020 21:19
Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

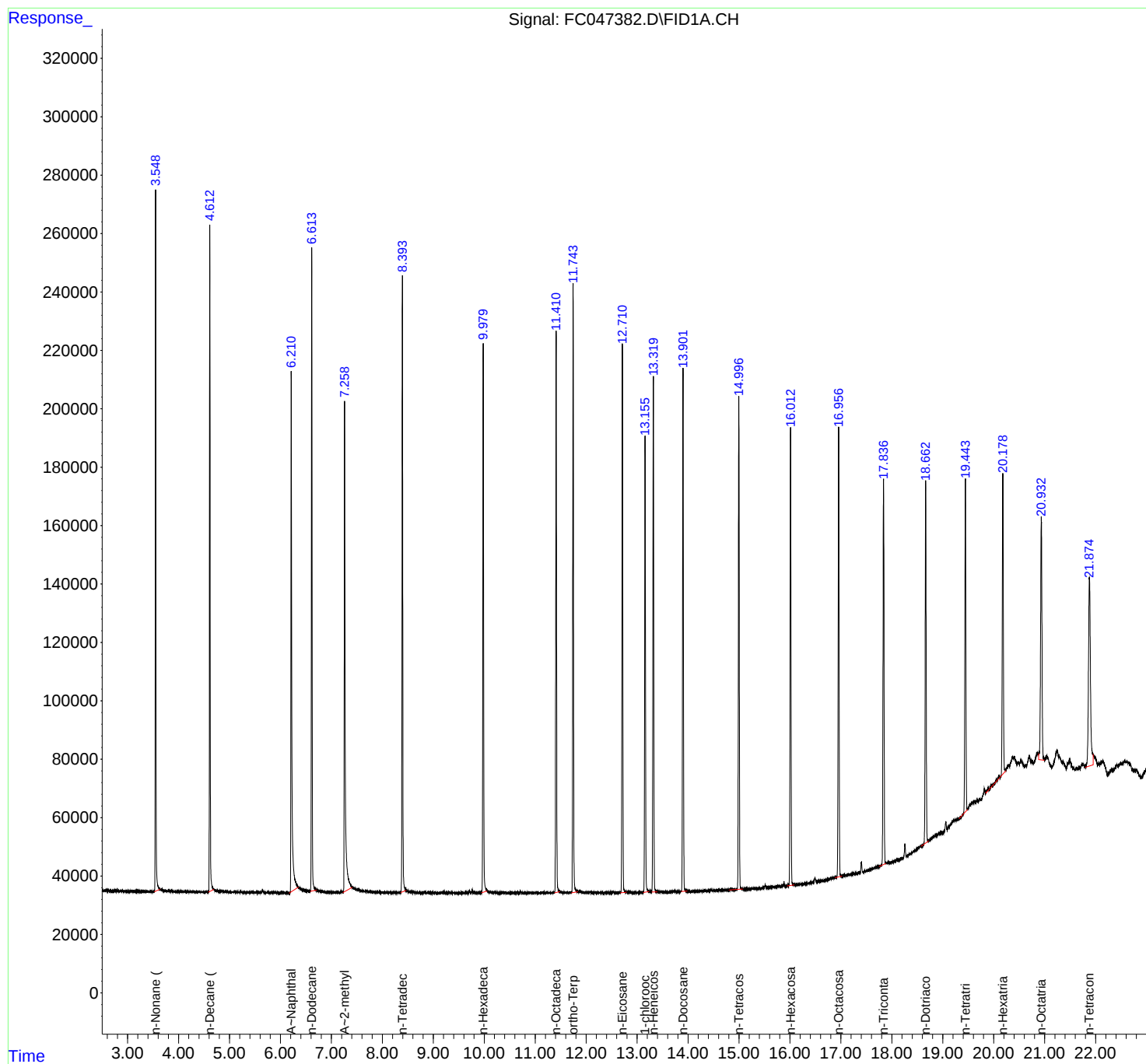
Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

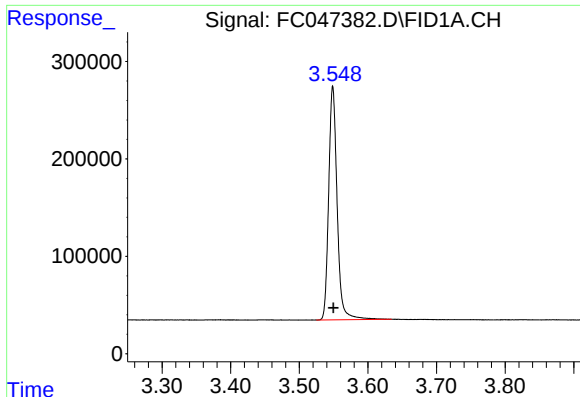
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Integration File: sample.E
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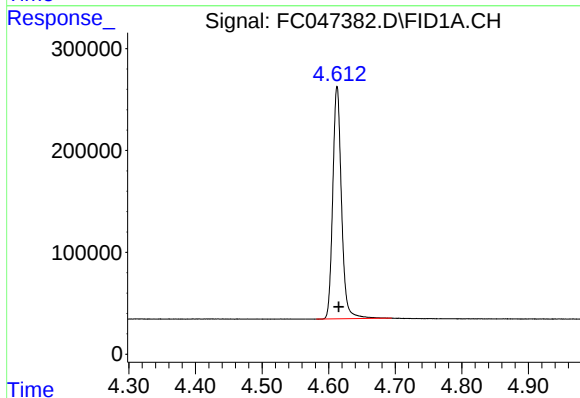
#1 n-Nonane (C9)

R.T.: 3.549 min
Delta R.T.: -0.001 min
Response: 2054208
Conc: 20.26 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

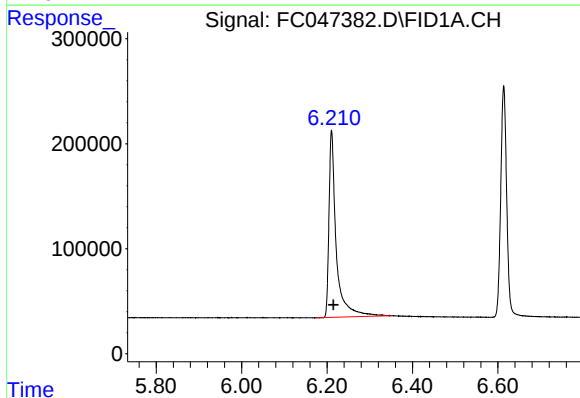
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5/13/2020 3:33:45 PM



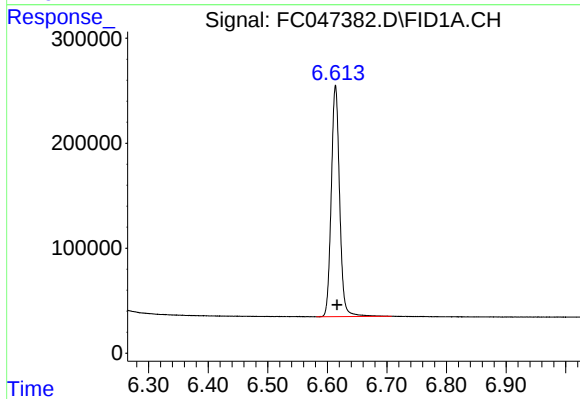
#2 n-Decane (C10)

R.T.: 4.613 min
Delta R.T.: -0.002 min
Response: 2079807
Conc: 20.35 ug/ml



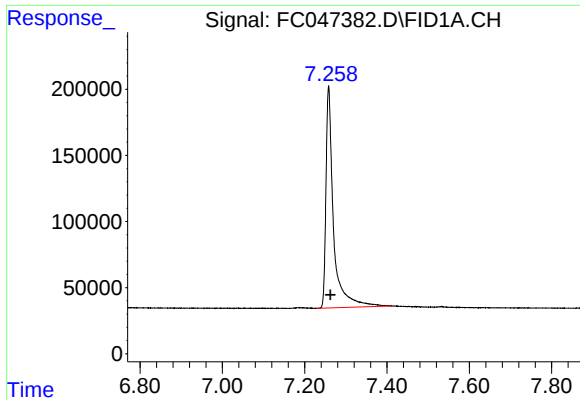
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.004 min
Response: 2109119
Conc: 20.25 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.614 min
Delta R.T.: -0.003 min
Response: 2143876
Conc: 20.30 ug/ml



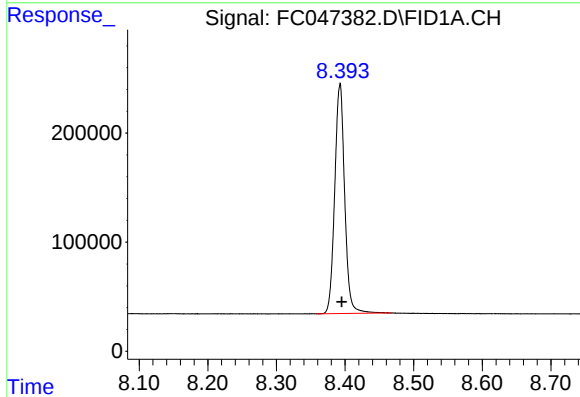
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.259 min
Delta R.T.: -0.004 min
Response: 2142489
Conc: 20.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

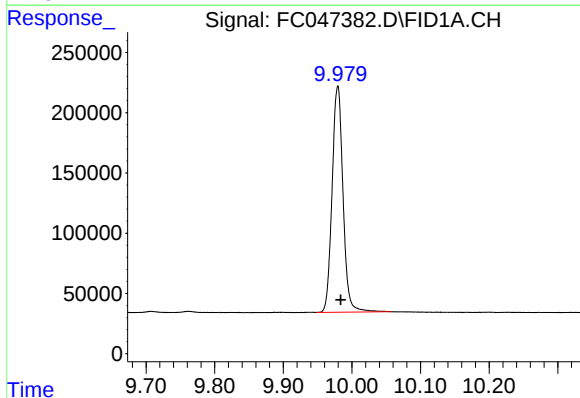
Manual Integrations
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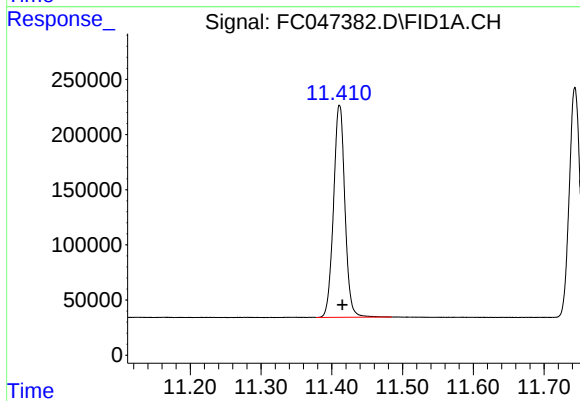
#6 n-Tetradecane (C14)

R.T.: 8.392 min
Delta R.T.: -0.003 min
Response: 2123397
Conc: 20.07 ug/ml



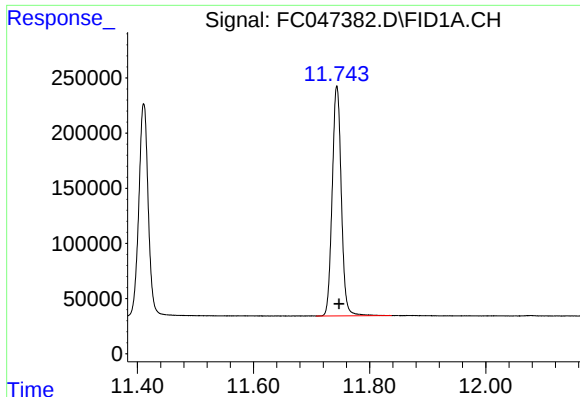
#7 n-Hexadecane (C16)

R.T.: 9.979 min
Delta R.T.: -0.004 min
Response: 2078780
Conc: 19.65 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.411 min
Delta R.T.: -0.004 min
Response: 2150483
Conc: 19.20 ug/ml



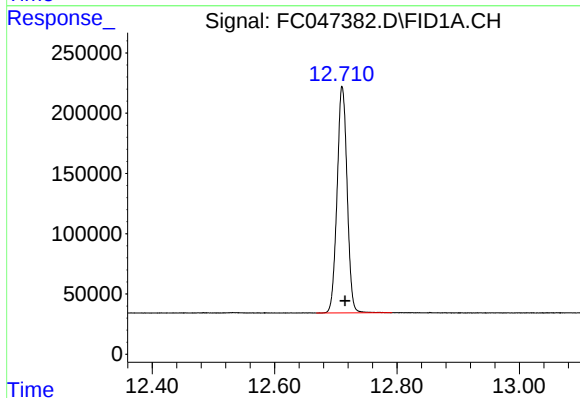
#9 ortho-Terphenyl (SURR)

R.T.: 11.744 min
Delta R.T.: -0.004 min
Response: 2268154
Conc: 18.97 ug/ml

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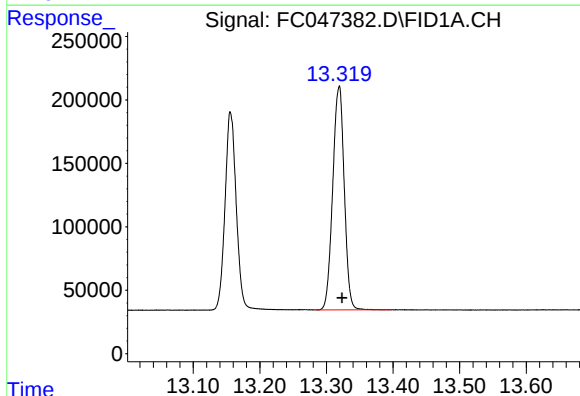
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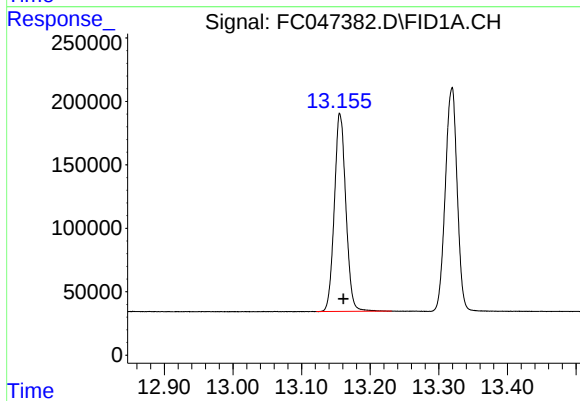
#10 n-Eicosane (C20)

R.T.: 12.711 min
Delta R.T.: -0.004 min
Response: 2141789
Conc: 18.82 ug/ml



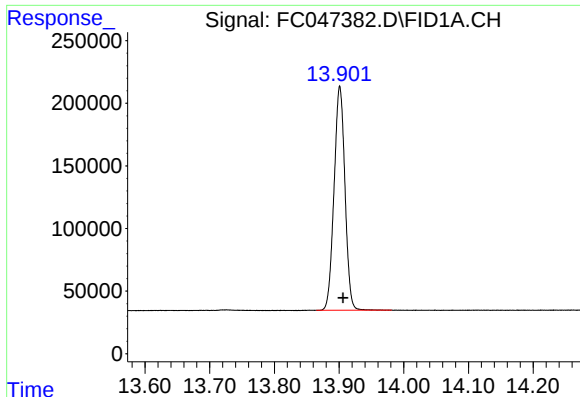
#11 n-Heneicosane (C21)

R.T.: 13.319 min
Delta R.T.: -0.005 min
Response: 2117468
Conc: 18.62 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.156 min
Delta R.T.: -0.005 min
Response: 1819929
Conc: 18.56 ug/ml



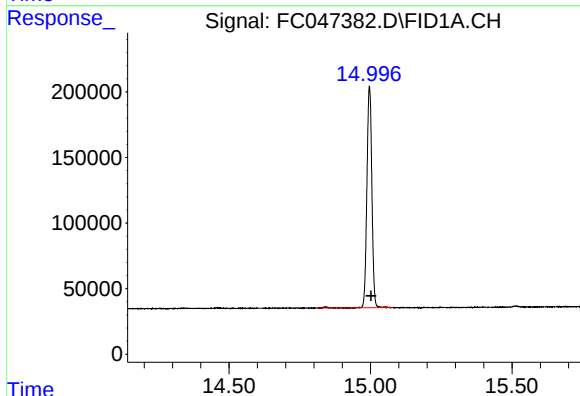
#13 n-Docosane (C22)

R.T.: 13.901 min
Delta R.T.: -0.005 min
Response: 2092180
Conc: 18.41 ug/ml

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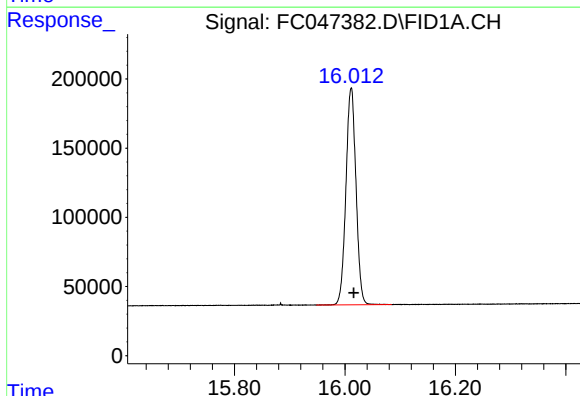
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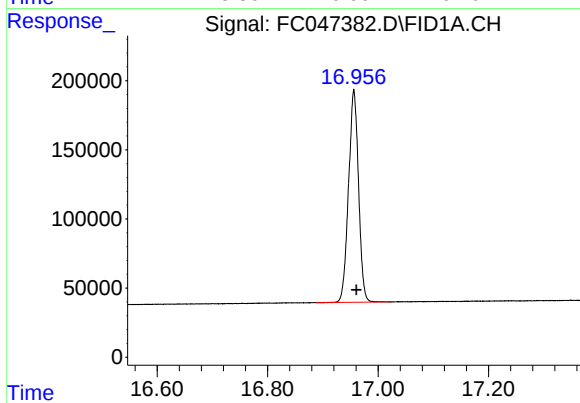
#14 n-Tetracosane (C24)

R.T.: 14.996 min
Delta R.T.: -0.006 min
Response: 2054556
Conc: 18.16 ug/ml



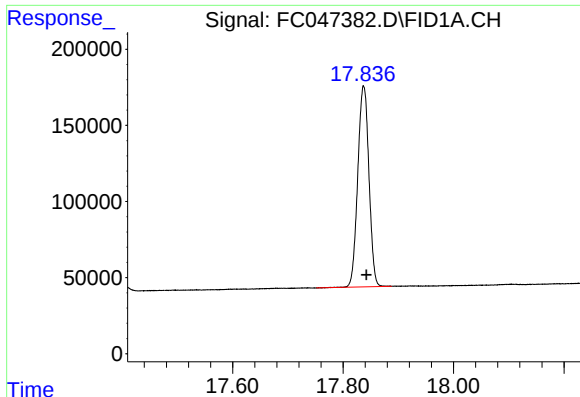
#15 n-Hexacosane (C26)

R.T.: 16.011 min
Delta R.T.: -0.005 min
Response: 1981243
Conc: 17.69 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.956 min
Delta R.T.: -0.005 min
Response: 1931658
Conc: 17.32 ug/ml



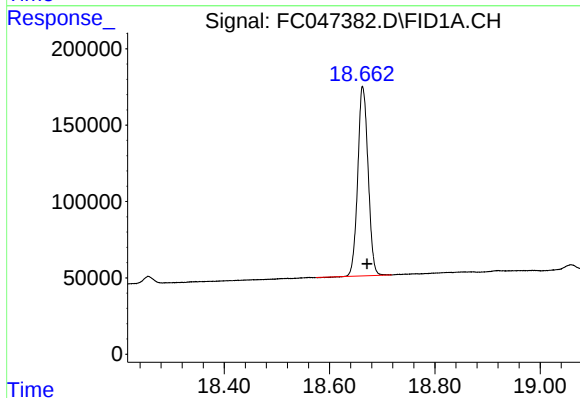
#17 n-Tricontane (C30)

R.T.: 17.837 min
Delta R.T.: -0.005 min
Response: 1848032
Conc: 17.09 ug/ml

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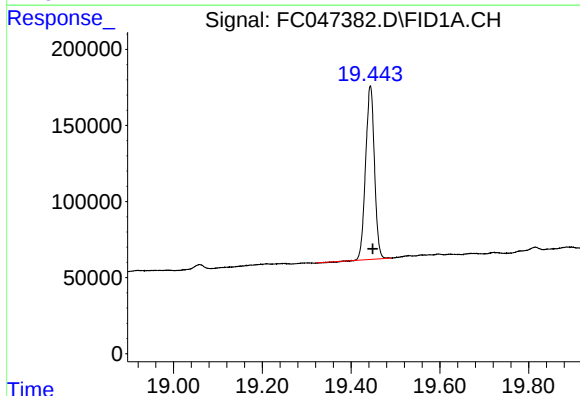
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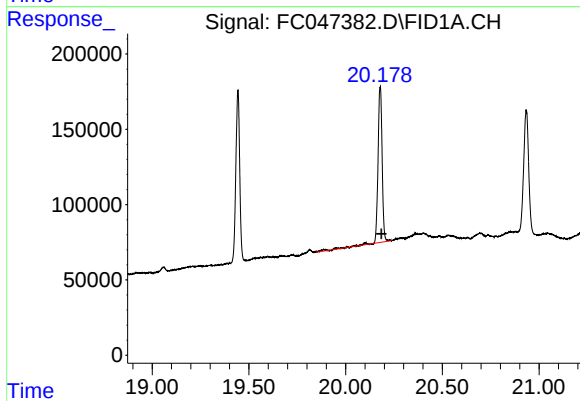
#18 n-Dotriacontane (C32)

R.T.: 18.663 min
Delta R.T.: -0.008 min
Response: 1689388
Conc: 17.13 ug/ml



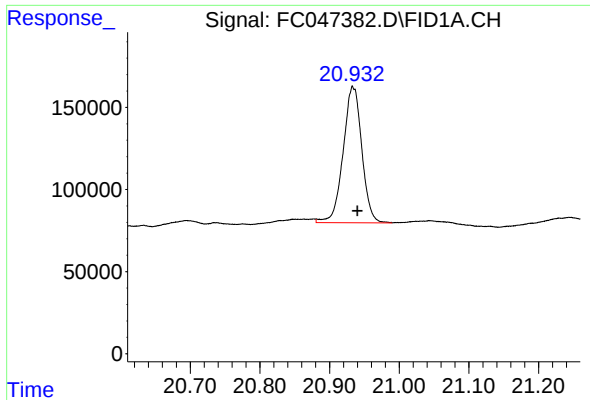
#19 n-Tetratriacontane (C34)

R.T.: 19.443 min
Delta R.T.: -0.005 min
Response: 1570187
Conc: 17.12 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.179 min
Delta R.T.: -0.006 min
Response: 1550755
Conc: 17.88 ug/ml



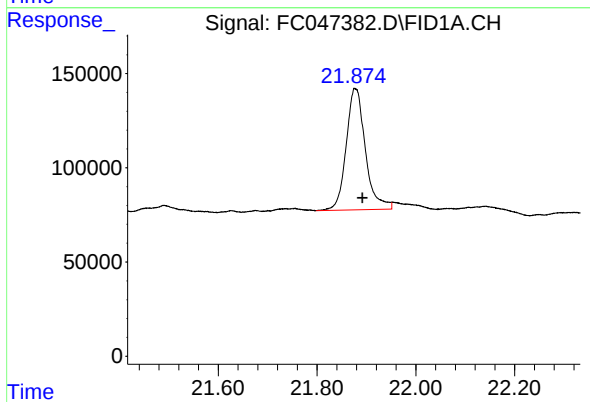
#21 n-Octatriacontane (C38)

R.T.: 20.932 min
Delta R.T.: -0.007 min
Response: 1544186
Conc: 19.14 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.874 min
Delta R.T.: -0.018 min
Response: 1739742
Conc: 21.39 ug/ml m