

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC062520AL\
 Data File : FC048086.D
 Signal(s) : FID1A.CH
 Acq On : 26 Jun 2020 2:47
 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

Ankita
 6/26/2020 11:43:05 AM

Integration File: autoint1.e
 Quant Time: Jun 26 05:52:26 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 060920.M
 Quant Title : GC Extractables
 QLast Update : Wed Jun 10 08:39:57 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)	11.720	2334205	19.459 ug/ml
Spiked Amount 50.000		Recovery =	38.92%
12) S 1-chlorooctadecane (S...	13.134	1892693	19.326 ug/ml
Spiked Amount 50.000		Recovery =	38.65%
Target Compounds			
1) T n-Nonane (C9)	3.535	2113915	21.124 ug/ml
2) T n-Decane (C10)	4.597	2151862	21.417 ug/ml
3) T A~Naphthalene (C11.7)	6.196	2111915	20.931 ug/ml
4) T n-Dodecane (C12)	6.595	2246768	21.462 ug/ml
5) T A~2-methylnaphthalene...	7.243	2149937	20.771 ug/ml
6) T n-Tetradecane (C14)	8.371	2255738	21.492 ug/ml
7) T n-Hexadecane (C16)	9.957	2220692	21.255 ug/ml
8) T n-Octadecane (C18)	11.387	2290181	20.603 ug/ml
10) T n-Eicosane (C20)	12.686	2259525	19.855 ug/ml
11) T n-Heneicosane (C21)	13.294	2220204	19.402 ug/ml
13) T n-Docosane (C22)	13.876	2169084	18.910 ug/ml
14) T n-Tetracosane (C24)	14.972	2078682	18.089 ug/ml
15) T n-Hexacosane (C26)	15.987	1989948	17.422 ug/ml
16) T n-Octacosane (C28)	16.930	1955987	17.209 ug/ml
17) T n-Tricontane (C30)	17.811	1943083	17.729 ug/ml
18) T n-Dotriacontane (C32)	18.637	1822577	18.385 ug/ml
19) T n-Tetratriacontane (C34)	19.419	1736356	18.959 ug/ml
20) T n-Hexatriacontane (C36)	20.152	1643561	19.165 ug/mlm
21) T n-Octatriacontane (C38)	20.901	1590212	19.969 ug/ml
22) T n-Tetracontane (C40)	21.838	1592637	20.143 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : DD\AJ
Sample : 20 PPM ALIPHATIC HC STD
Misc :
ALS Vial : 2 Sample Multiplier: 1

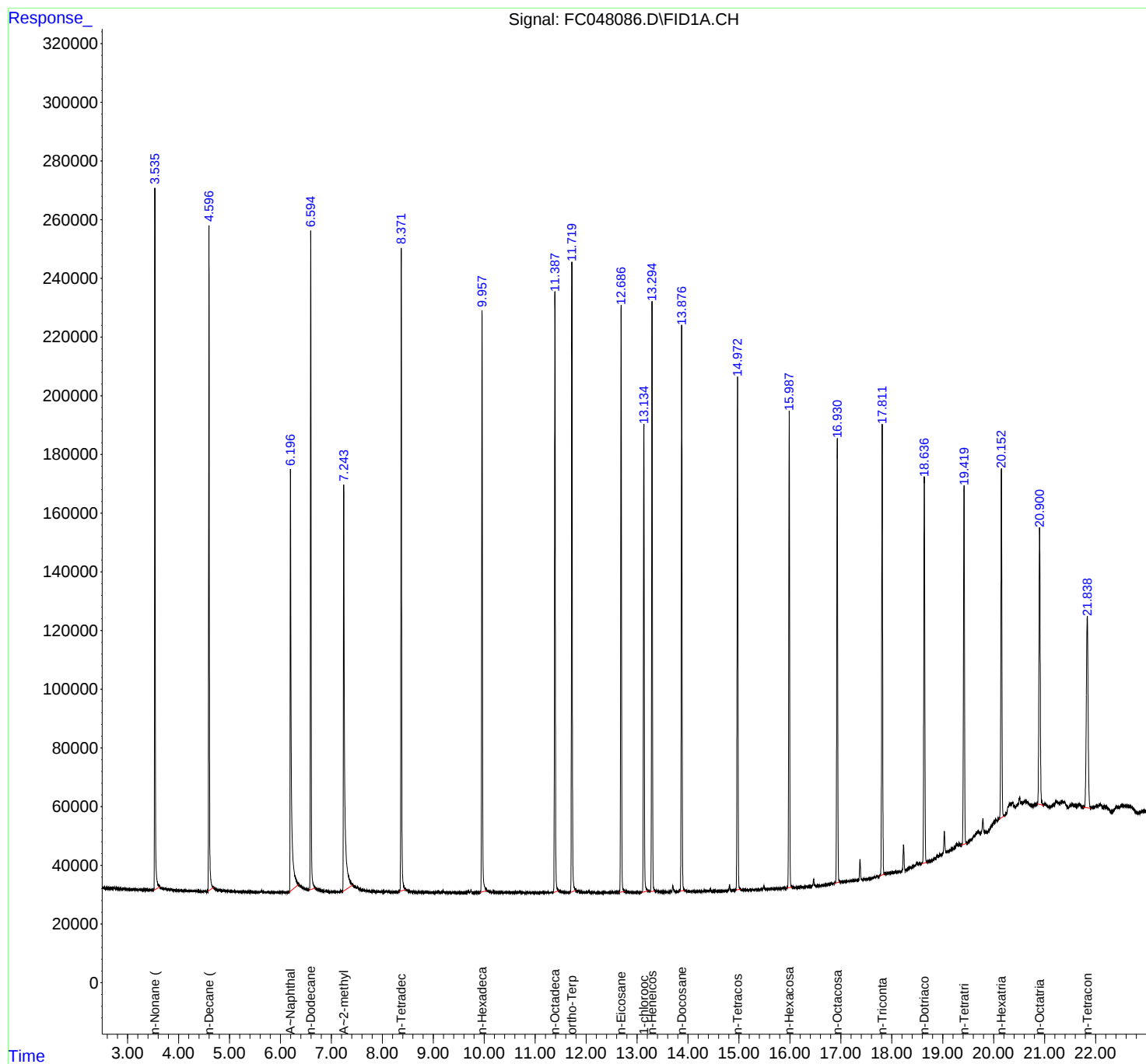
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

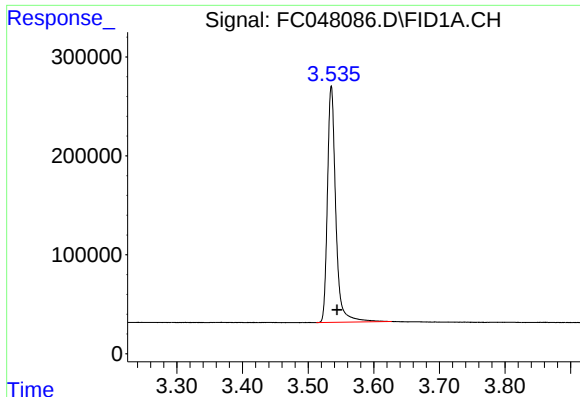
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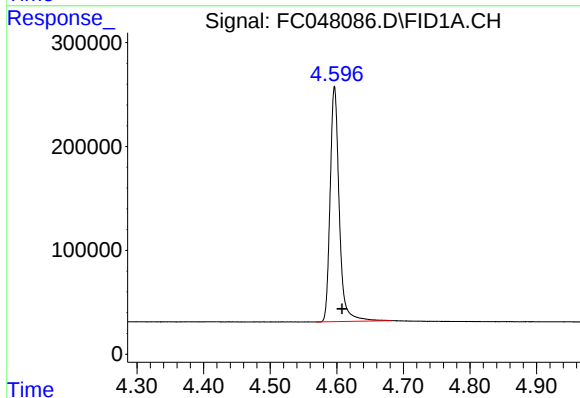
#1 n-Nonane (C9)

R.T.: 3.535 min
Delta R.T.: -0.009 min
Response: 2113915
Conc: 21.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

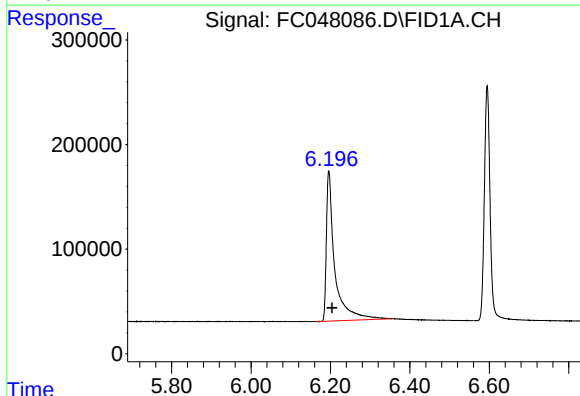
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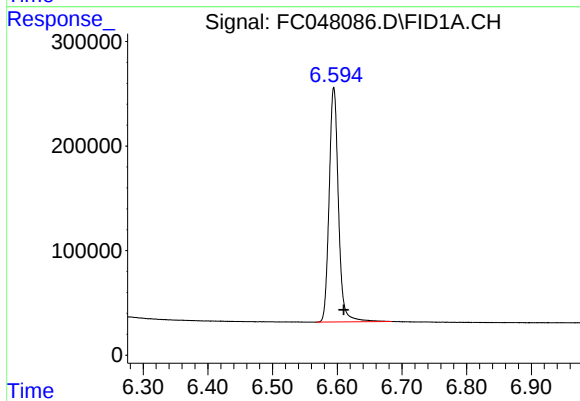
#2 n-Decane (C10)

R.T.: 4.597 min
Delta R.T.: -0.012 min
Response: 2151862
Conc: 21.42 ug/ml



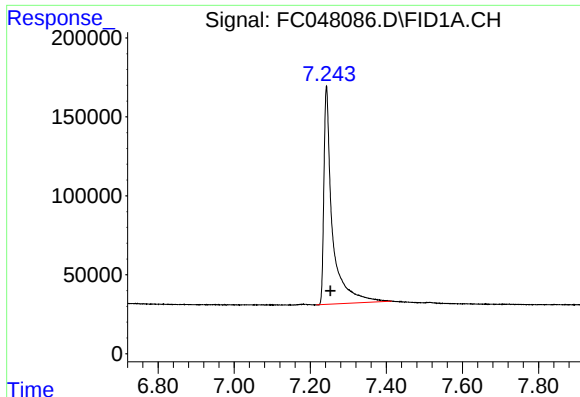
#3 A~Naphthalene (C11.7)

R.T.: 6.196 min
Delta R.T.: -0.008 min
Response: 2111915
Conc: 20.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.595 min
Delta R.T.: -0.015 min
Response: 2246768
Conc: 21.46 ug/ml



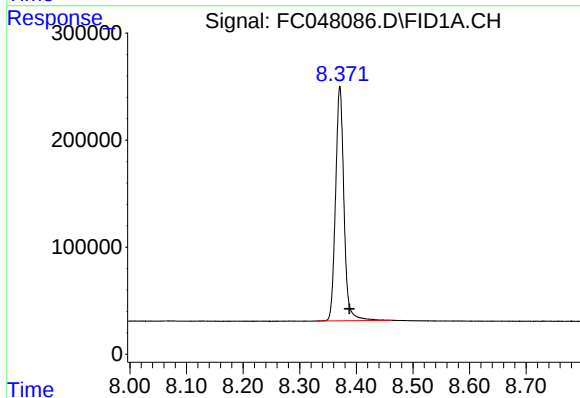
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.243 min
Delta R.T.: -0.010 min
Response: 2149937
Conc: 20.77 ug/ml

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20 PPM ALIPHATIC HC STD

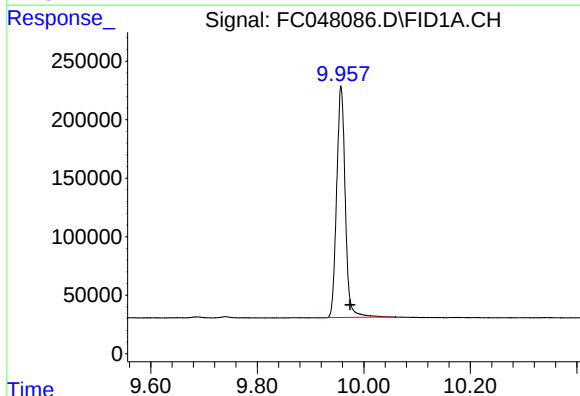
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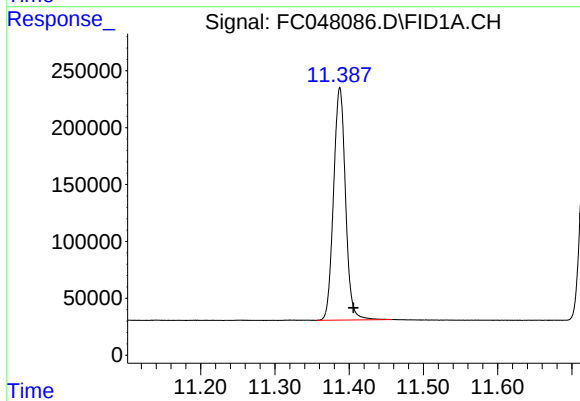
#6 n-Tetradecane (C14)

R.T.: 8.371 min
Delta R.T.: -0.017 min
Response: 2255738
Conc: 21.49 ug/ml



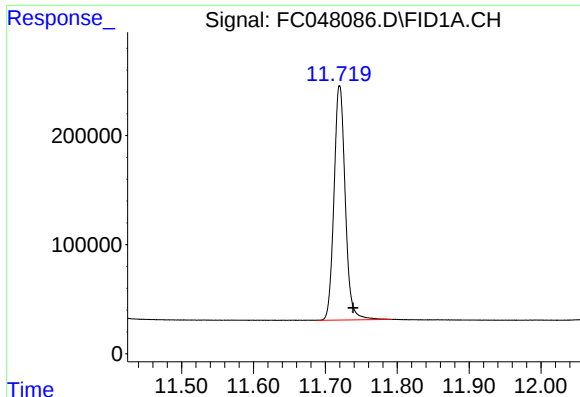
#7 n-Hexadecane (C16)

R.T.: 9.957 min
Delta R.T.: -0.017 min
Response: 2220692
Conc: 21.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.387 min
Delta R.T.: -0.018 min
Response: 2290181
Conc: 20.60 ug/ml



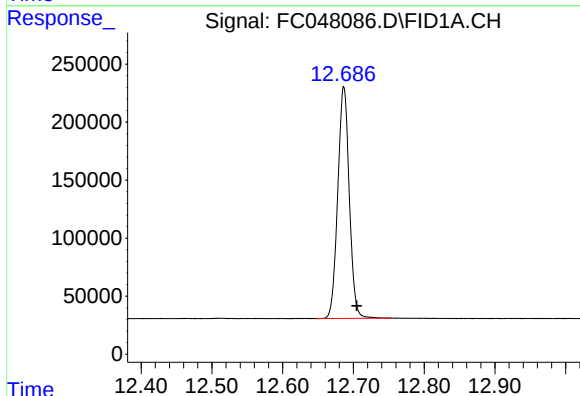
#9 ortho-Terphenyl (SURR)

R.T.: 11.720 min
Delta R.T.: -0.019 min
Response: 2334205
Conc: 19.46 ug/ml

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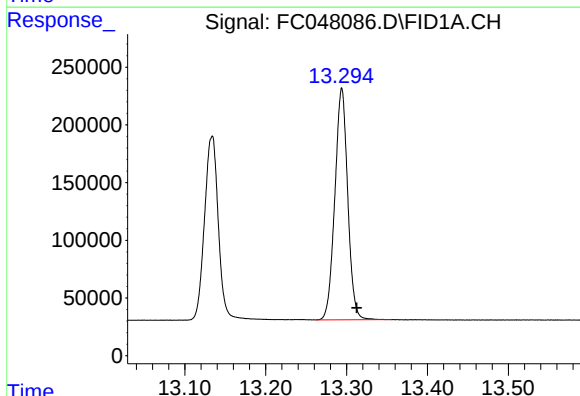
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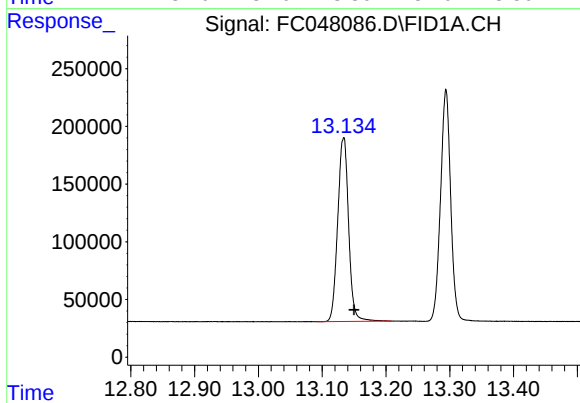
#10 n-Eicosane (C20)

R.T.: 12.686 min
Delta R.T.: -0.018 min
Response: 2259525
Conc: 19.85 ug/ml



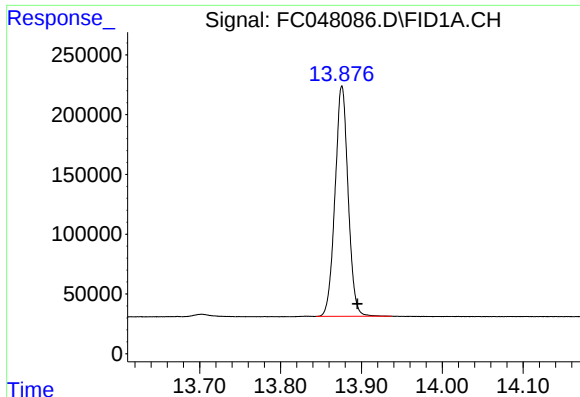
#11 n-Heneicosane (C21)

R.T.: 13.294 min
Delta R.T.: -0.019 min
Response: 2220204
Conc: 19.40 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.134 min
Delta R.T.: -0.016 min
Response: 1892693
Conc: 19.33 ug/ml



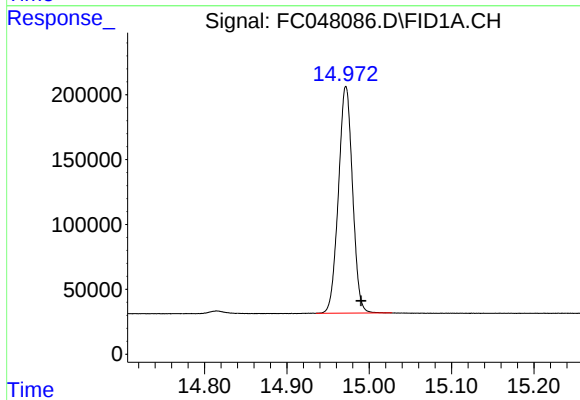
#13 n-Docosane (C22)

R.T.: 13.876 min
Delta R.T.: -0.019 min
Response: 2169084
Conc: 18.91 ug/ml

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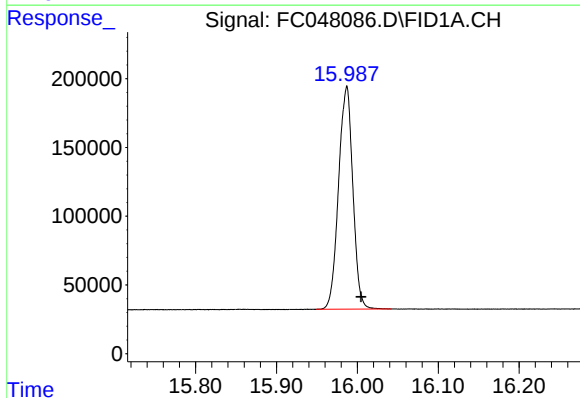
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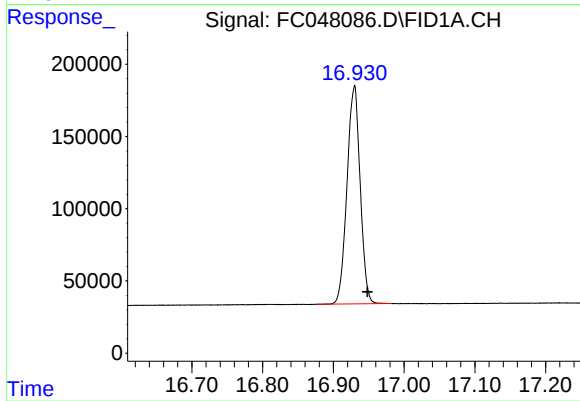
#14 n-Tetracosane (C24)

R.T.: 14.972 min
Delta R.T.: -0.019 min
Response: 2078682
Conc: 18.09 ug/ml



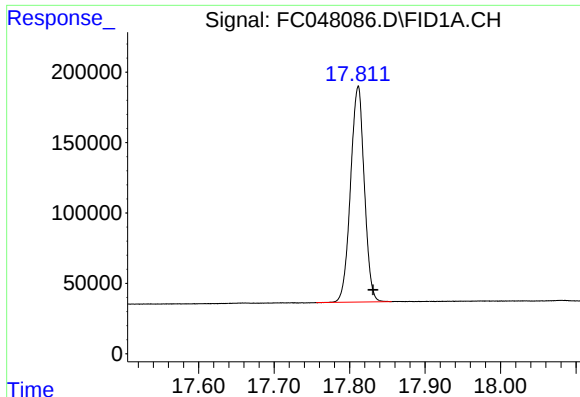
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.017 min
Response: 1989948
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.930 min
Delta R.T.: -0.018 min
Response: 1955987
Conc: 17.21 ug/ml



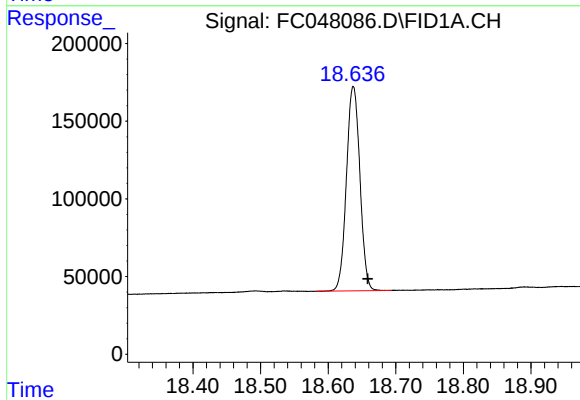
#17 n-Tricontane (C30)

R.T.: 17.811 min
Delta R.T.: -0.019 min
Response: 1943083
Conc: 17.73 ug/ml

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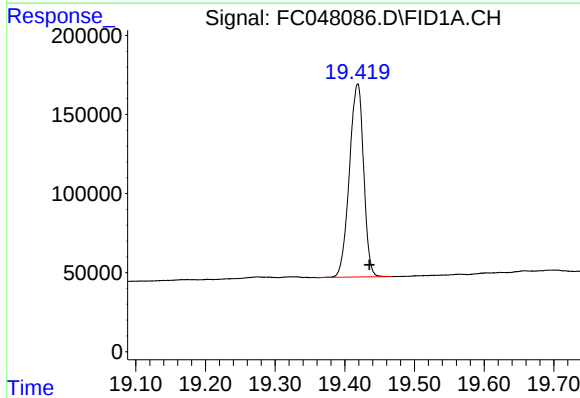
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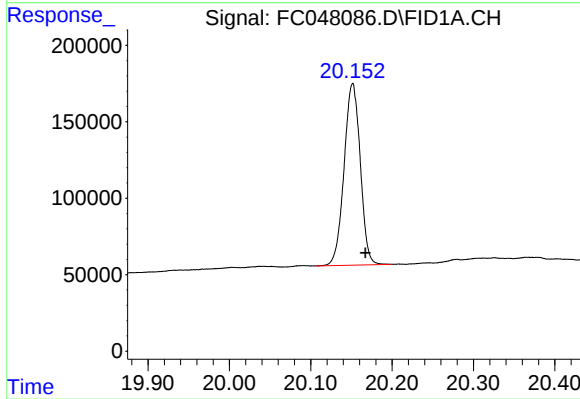
#18 n-Dotriacontane (C32)

R.T.: 18.637 min
Delta R.T.: -0.021 min
Response: 1822577
Conc: 18.38 ug/ml



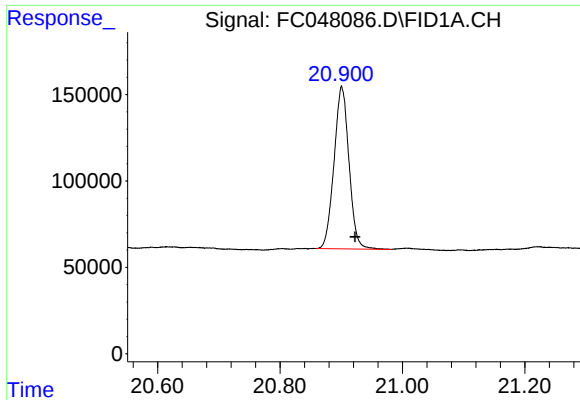
#19 n-Tetratriacontane (C34)

R.T.: 19.419 min
Delta R.T.: -0.017 min
Response: 1736356
Conc: 18.96 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.152 min
Delta R.T.: -0.016 min
Response: 1643561
Conc: 19.17 ug/ml m



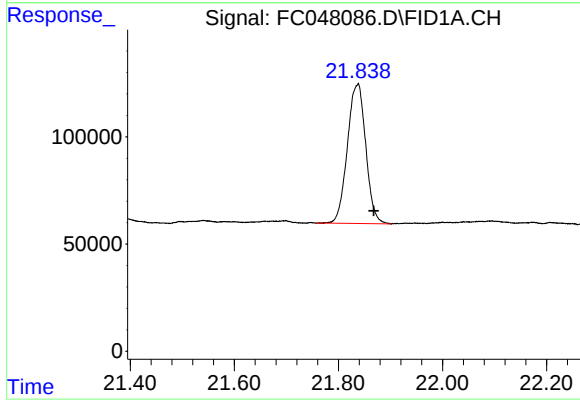
#21 n-Octatriacontane (C38)

R.T.: 20.901 min
Delta R.T.: -0.022 min
Response: 1590212
Conc: 19.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.838 min
Delta R.T.: -0.030 min
Response: 1592637
Conc: 20.14 ug/ml