

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC100520AL\
 Data File : FC049931.D
 Signal(s) : FID1A.CH
 Acq On : 05 Oct 2020 15:32
 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
 10/6/2020 12:16:16 PM

Integration File: autoint1.e
 Quant Time: Oct 05 16:15:28 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 090820.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 09 05:58:47 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)	11.653	2148293	18.698 ug/ml
Spiked Amount 50.000		Recovery =	37.40%
12) S 1-chlorooctadecane (S...	13.086	1653289	18.561 ug/ml
Spiked Amount 50.000		Recovery =	37.12%
Target Compounds			
1) T n-Nonane (C9)	3.391	2139502	20.681 ug/ml
2) T n-Decane (C10)	4.464	2164873	20.843 ug/ml
3) T A~Naphthalene (C11.7)	6.060	2324995	20.221 ug/ml
4) T n-Dodecane (C12)	6.487	2168832	20.518 ug/ml
5) T A~2-methylnaphthalene...	7.119	2326778	19.901 ug/ml
6) T n-Tetradecane (C14)	8.284	2117034	20.067 ug/ml
7) T n-Hexadecane (C16)	9.887	2033166	19.537 ug/ml
8) T n-Octadecane (C18)	11.329	2064228	19.207 ug/ml
10) T n-Eicosane (C20)	12.640	2023646	18.898 ug/ml
11) T n-Heneicosane (C21)	13.252	2001585	18.809 ug/ml
13) T n-Docosane (C22)	13.838	1971478	18.630 ug/ml
14) T n-Tetracosane (C24)	14.941	1940312	18.542 ug/ml
15) T n-Hexacosane (C26)	15.961	1903897	18.624 ug/ml
16) T n-Octacosane (C28)	16.911	1913085	19.036 ug/ml
17) T n-Tricontane (C30)	17.799	1924597	19.767 ug/ml
18) T n-Dotriacontane (C32)	18.629	1875606	20.757 ug/mlm
19) T n-Tetratriacontane (C34)	19.412	1813285	21.182 ug/mlm
20) T n-Hexatriacontane (C36)	20.149	1746297	21.676 ug/mlm
21) T n-Octatriacontane (C38)	20.899	1652138	21.823 ug/mlm
22) T n-Tetracontane (C40)	21.844	1655293	21.273 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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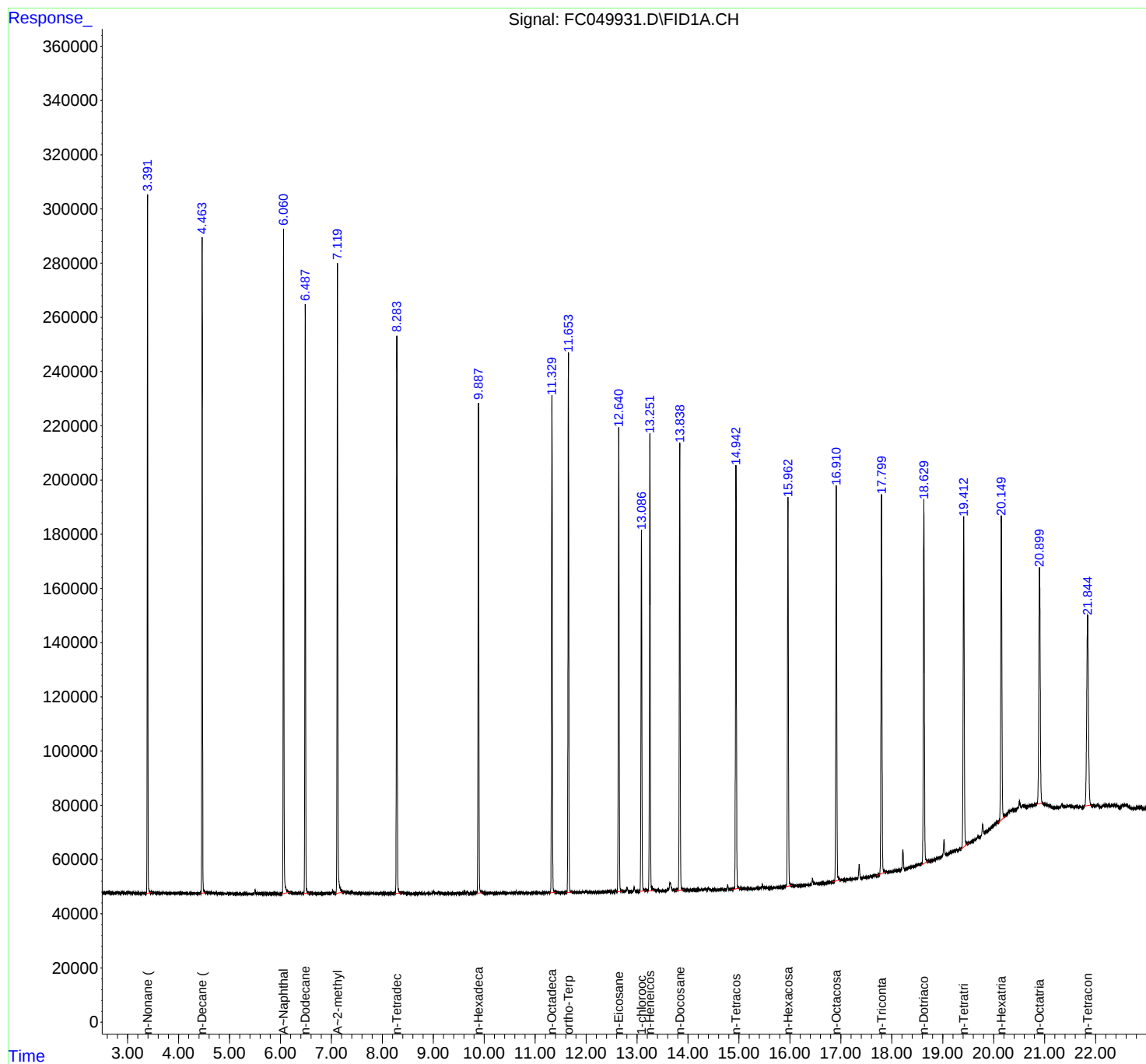
Instrument :
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20 PPM ALIPHATIC HC STD

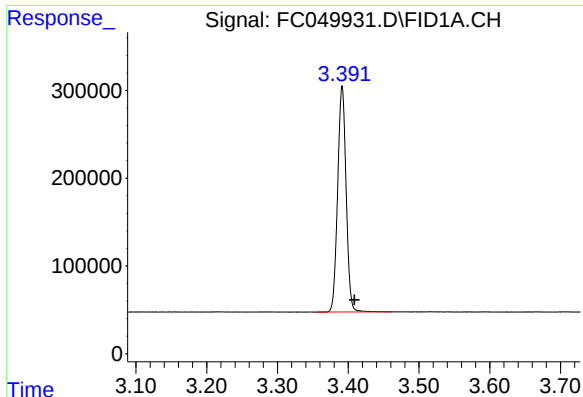
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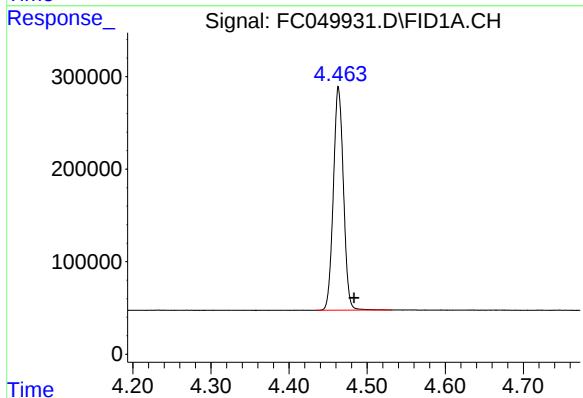
#1 n-Nonane (C9)

R.T.: 3.391 min
Delta R.T.: -0.018 min
Response: 2139502
Conc: 20.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

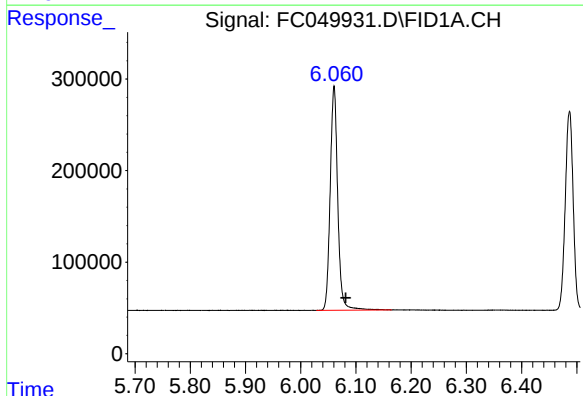
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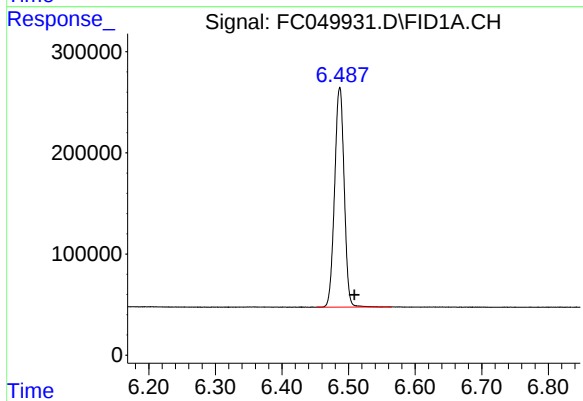
#2 n-Decane (C10)

R.T.: 4.464 min
Delta R.T.: -0.020 min
Response: 2164873
Conc: 20.84 ug/ml



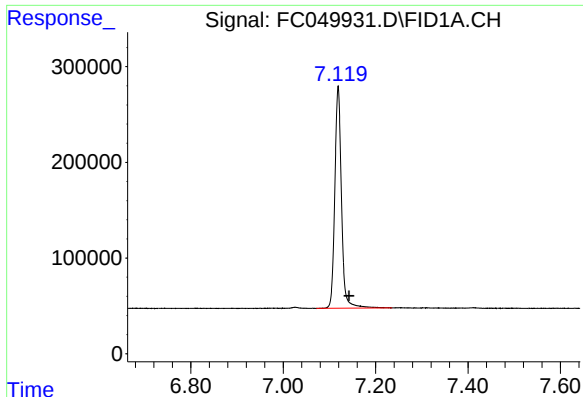
#3 A~Naphthalene (C11.7)

R.T.: 6.060 min
Delta R.T.: -0.021 min
Response: 2324995
Conc: 20.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.487 min
Delta R.T.: -0.022 min
Response: 2168832
Conc: 20.52 ug/ml



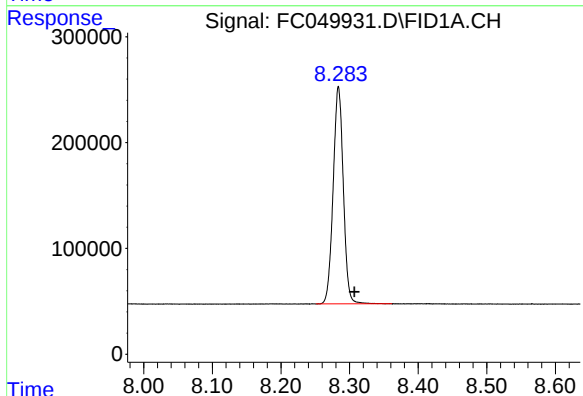
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.119 min
Delta R.T.: -0.024 min
Response: 2326778
Conc: 19.90 ug/ml

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20 PPM ALIPHATIC HC STD

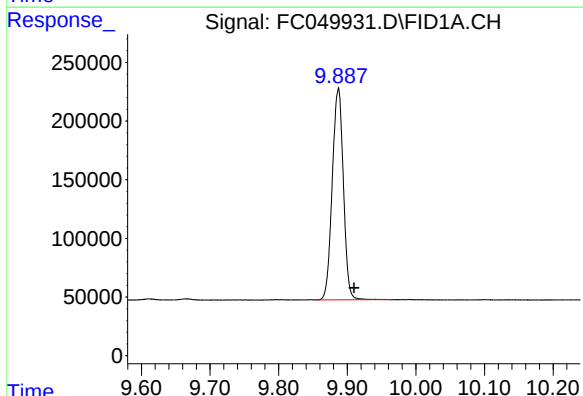
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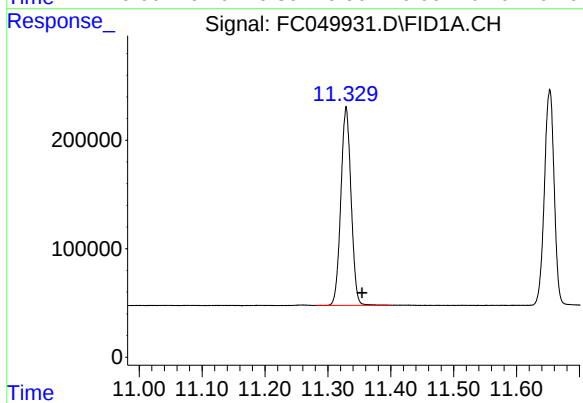
#6 n-Tetradecane (C14)

R.T.: 8.284 min
Delta R.T.: -0.023 min
Response: 2117034
Conc: 20.07 ug/ml



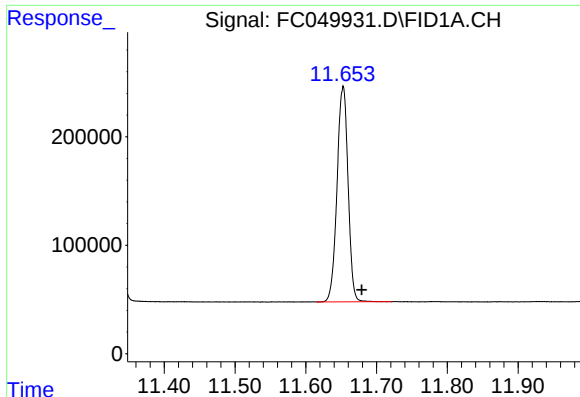
#7 n-Hexadecane (C16)

R.T.: 9.887 min
Delta R.T.: -0.023 min
Response: 2033166
Conc: 19.54 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.329 min
Delta R.T.: -0.025 min
Response: 2064228
Conc: 19.21 ug/ml



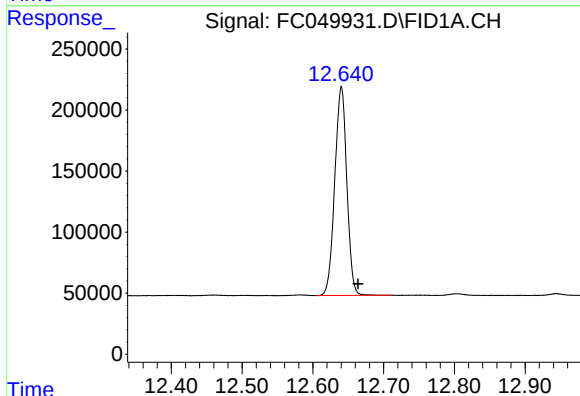
#9 ortho-Terphenyl (SURR)

R.T.: 11.653 min
Delta R.T.: -0.027 min
Response: 2148293
Conc: 18.70 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

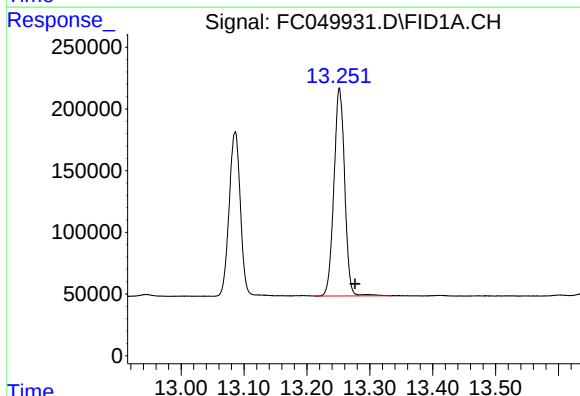
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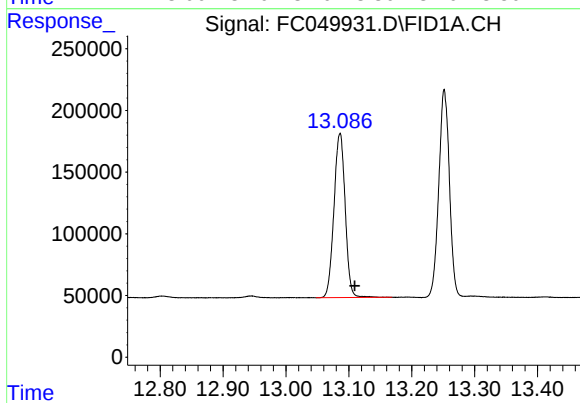
#10 n-Eicosane (C20)

R.T.: 12.640 min
Delta R.T.: -0.024 min
Response: 2023646
Conc: 18.90 ug/ml



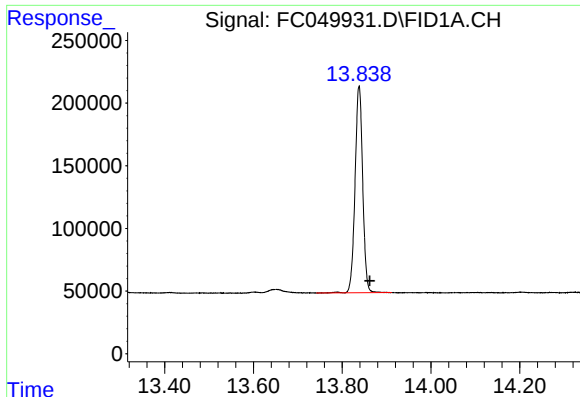
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.025 min
Response: 2001585
Conc: 18.81 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.086 min
Delta R.T.: -0.024 min
Response: 1653289
Conc: 18.56 ug/ml



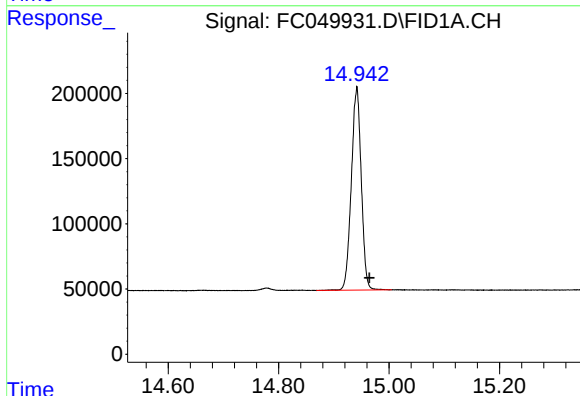
#13 n-Docosane (C22)

R.T.: 13.838 min
Delta R.T.: -0.024 min
Response: 1971478
Conc: 18.63 ug/ml

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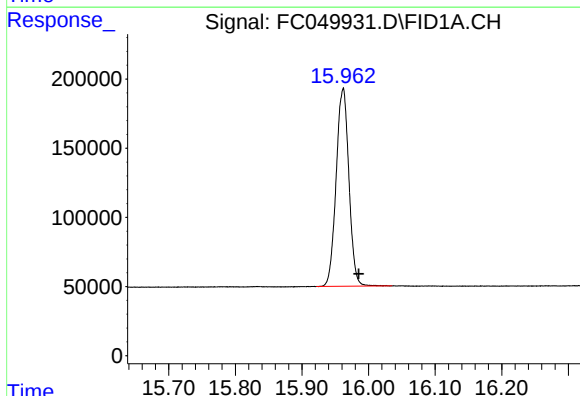
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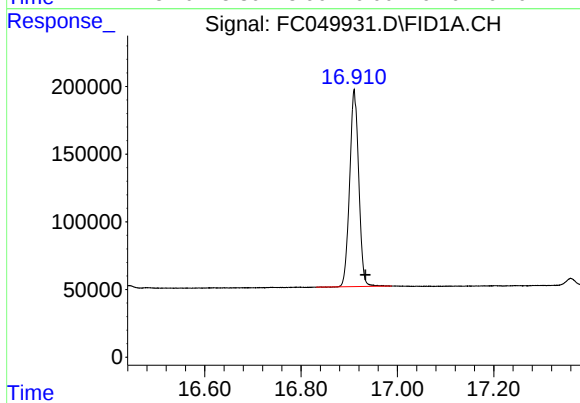
#14 n-Tetracosane (C24)

R.T.: 14.941 min
Delta R.T.: -0.023 min
Response: 1940312
Conc: 18.54 ug/ml



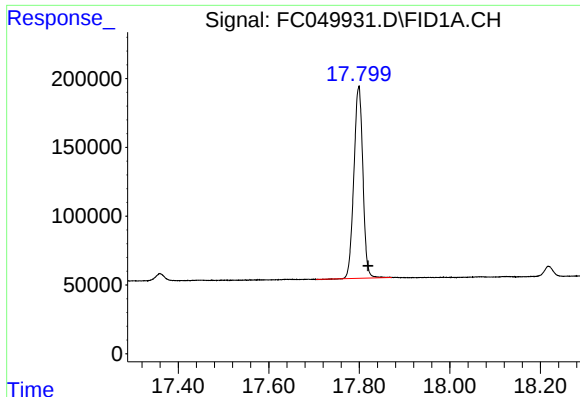
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.024 min
Response: 1903897
Conc: 18.62 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.911 min
Delta R.T.: -0.023 min
Response: 1913085
Conc: 19.04 ug/ml



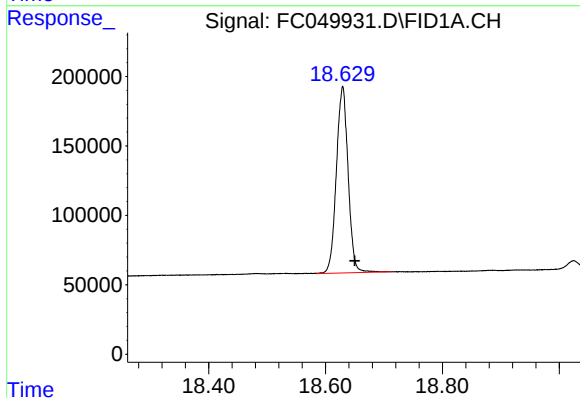
#17 n-Tricontane (C30)

R.T.: 17.799 min
Delta R.T.: -0.021 min
Response: 1924597
Conc: 19.77 ug/ml

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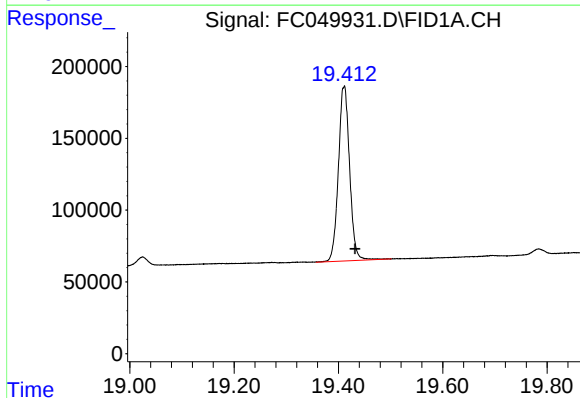
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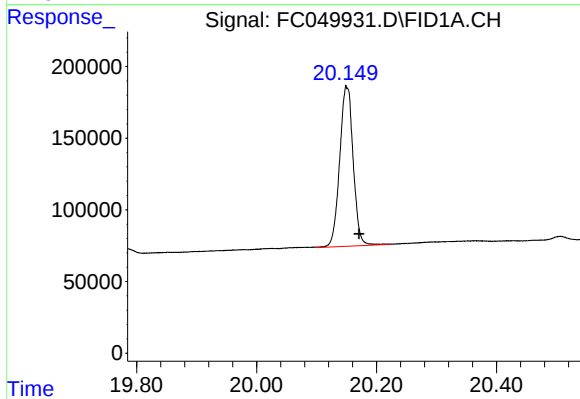
#18 n-Dotriacontane (C32)

R.T.: 18.629 min
Delta R.T.: -0.021 min
Response: 1875606
Conc: 20.76 ug/ml m



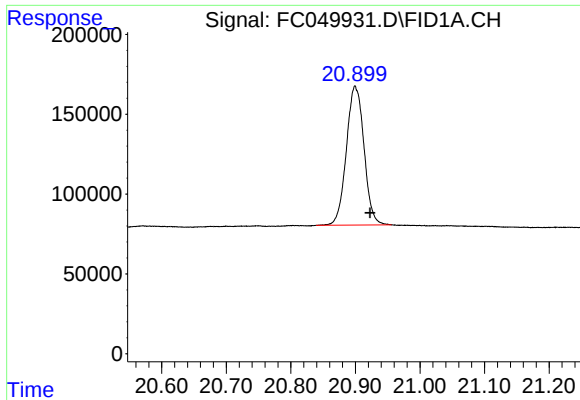
#19 n-Tetratriacontane (C34)

R.T.: 19.412 min
Delta R.T.: -0.020 min
Response: 1813285
Conc: 21.18 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.149 min
Delta R.T.: -0.022 min
Response: 1746297
Conc: 21.68 ug/ml m



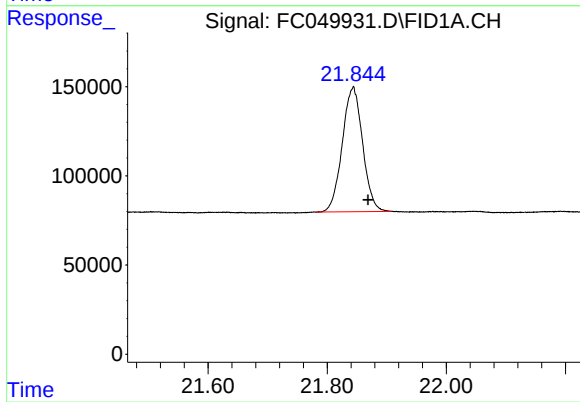
#21 n-Octatriacontane (C38)

R.T.: 20.899 min
Delta R.T.: -0.024 min
Response: 1652138
Conc: 21.82 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.844 min
Delta R.T.: -0.025 min
Response: 1655293
Conc: 21.27 ug/ml m