

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080620AL\
 Data File : FC048901.D
 Signal(s) : FID1A.CH
 Acq On : 06 Aug 2020 23:16
 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

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 8/7/2020 1:11:04 PM

Integration File: sample.E
 Quant Time: Aug 07 02:59:44 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 070820.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 08 03:03:00 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)	11.678	2668583	19.443 ug/ml
Spiked Amount 50.000		Recovery =	38.89%
12) S 1-chlorooctadecane (S...	13.110	2162662	19.192 ug/ml
Spiked Amount 50.000		Recovery =	38.38%
Target Compounds			
1) T n-Nonane (C9)	3.412	2546859	21.365 ug/ml
2) T n-Decane (C10)	4.486	2608587	21.672 ug/ml
3) T A~Naphthalene (C11.7)	6.083	2882690	21.421 ug/ml
4) T n-Dodecane (C12)	6.511	2659447	21.738 ug/ml
5) T A~2-methylnaphthalene...	7.142	2944977	21.366 ug/ml
6) T n-Tetradecane (C14)	8.309	2646722	21.485 ug/ml
7) T n-Hexadecane (C16)	9.911	2585594	21.122 ug/ml
8) T n-Octadecane (C18)	11.355	2629026	20.542 ug/ml
10) T n-Eicosane (C20)	12.664	2567353	19.850 ug/ml
11) T n-Heneicosane (C21)	13.276	2519662	19.438 ug/ml
13) T n-Docosane (C22)	13.861	2483838	19.131 ug/ml
14) T n-Tetracosane (C24)	14.964	2415152	18.424 ug/ml
15) T n-Hexacosane (C26)	15.983	2359319	18.144 ug/ml
16) T n-Octacosane (C28)	16.931	2348892	17.976 ug/ml
17) T n-Tricontane (C30)	17.818	2291000	17.821 ug/ml
18) T n-Dotriacontane (C32)	18.647	2123319	17.973 ug/ml
19) T n-Tetratriacontane (C34)	19.430	1963072	17.587 ug/ml
20) T n-Hexatriacontane (C36)	20.167	1866577	17.747 ug/mlm
21) T n-Octatriacontane (C38)	20.921	1853651	18.882 ug/mlm
22) T n-Tetracontane (C40)	21.871	1833480	18.867 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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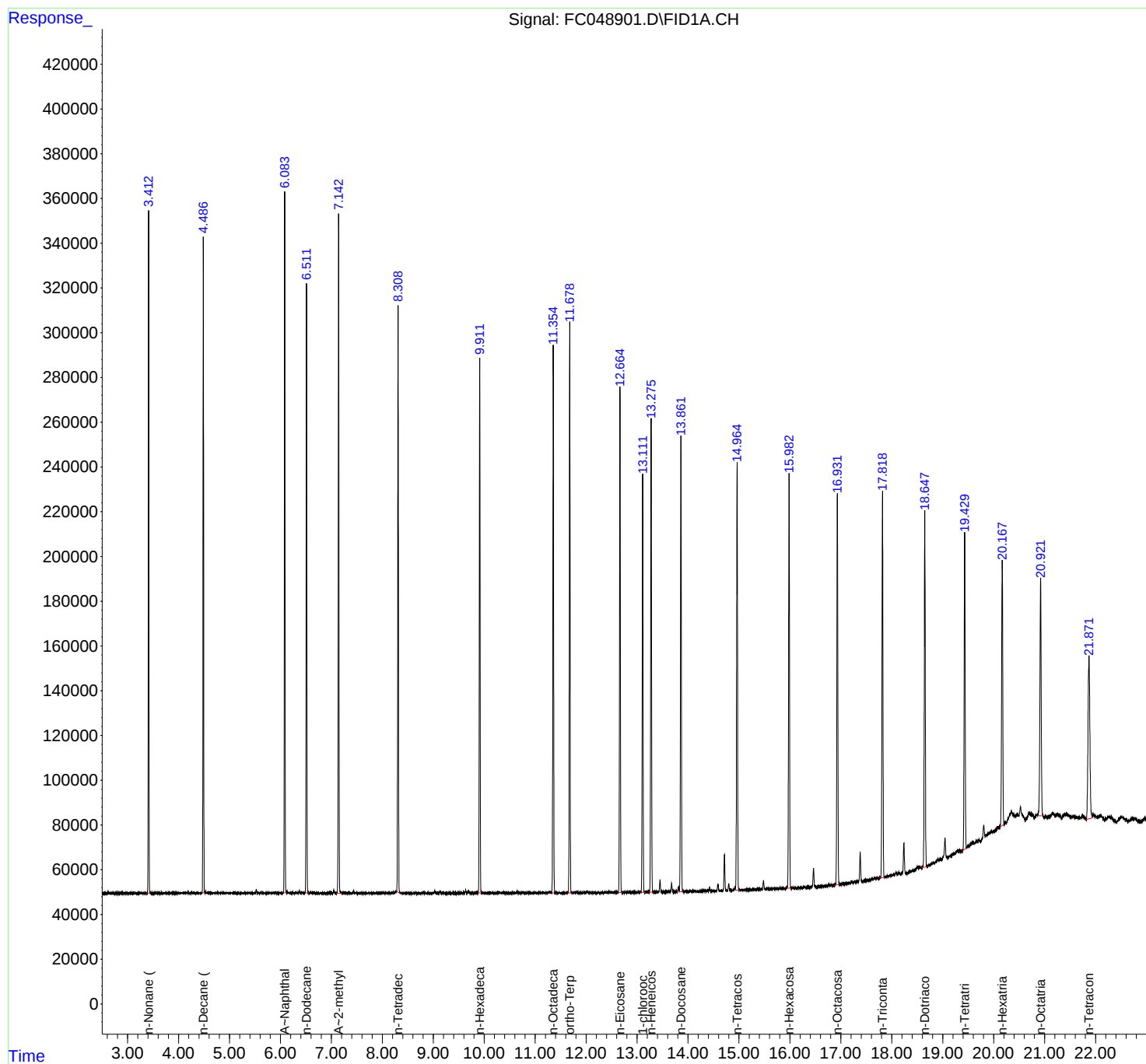
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20 PPM ALIPHATIC HC STD

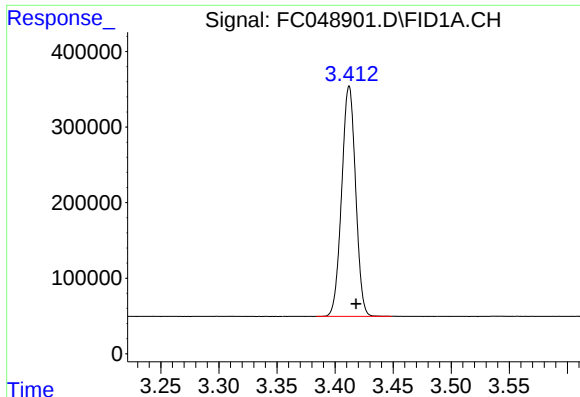
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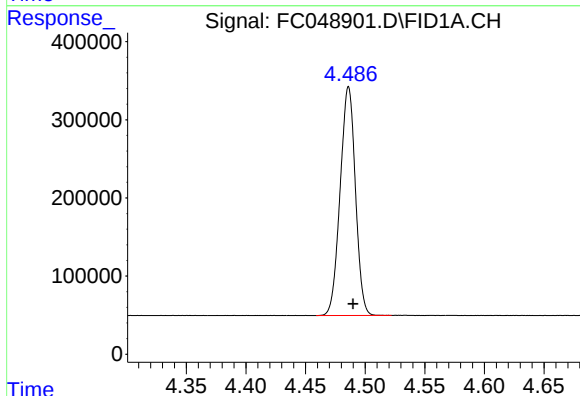
#1 n-Nonane (C9)

R.T.: 3.412 min
Delta R.T.: -0.006 min
Response: 2546859
Conc: 21.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

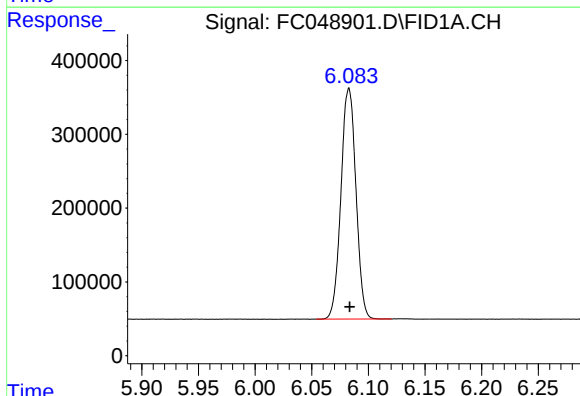
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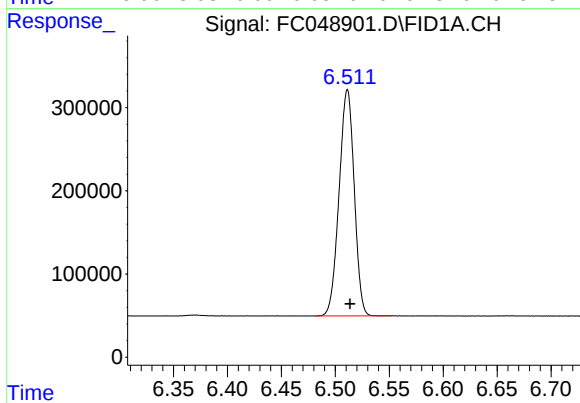
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 2608587
Conc: 21.67 ug/ml



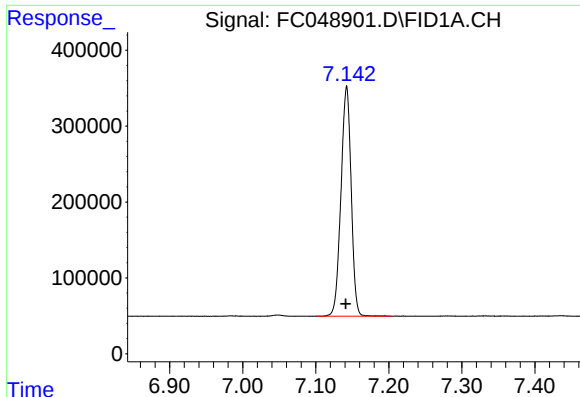
#3 A~Naphthalene (C11.7)

R.T.: 6.083 min
Delta R.T.: 0.000 min
Response: 2882690
Conc: 21.42 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.002 min
Response: 2659447
Conc: 21.74 ug/ml



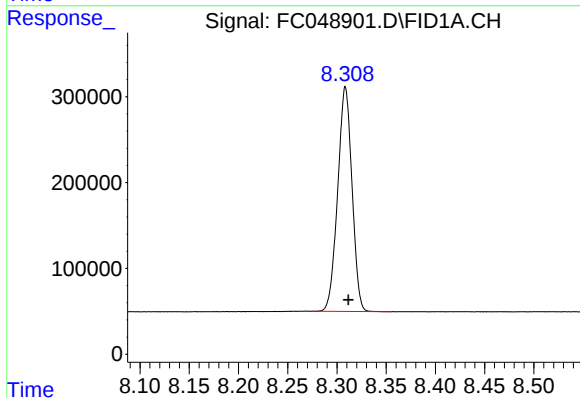
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.142 min
Delta R.T.: 0.000 min
Response: 2944977
Conc: 21.37 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

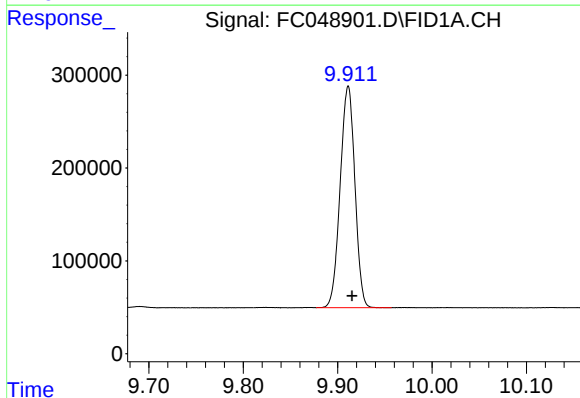
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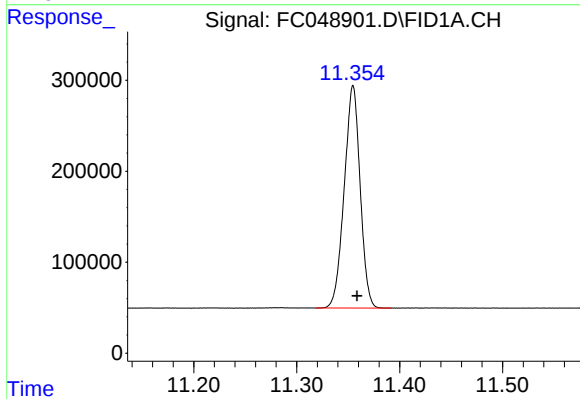
#6 n-Tetradecane (C14)

R.T.: 8.309 min
Delta R.T.: -0.003 min
Response: 2646722
Conc: 21.49 ug/ml



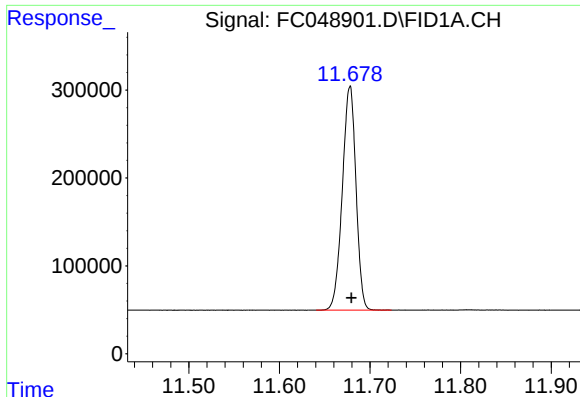
#7 n-Hexadecane (C16)

R.T.: 9.911 min
Delta R.T.: -0.004 min
Response: 2585594
Conc: 21.12 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.004 min
Response: 2629026
Conc: 20.54 ug/ml



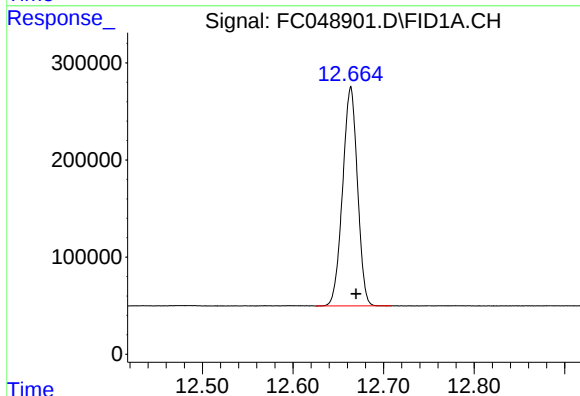
#9 ortho-Terphenyl (SURR)

R.T.: 11.678 min
Delta R.T.: -0.002 min
Response: 2668583
Conc: 19.44 ug/ml

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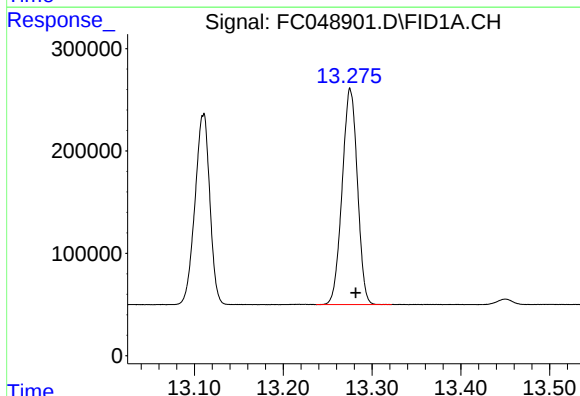
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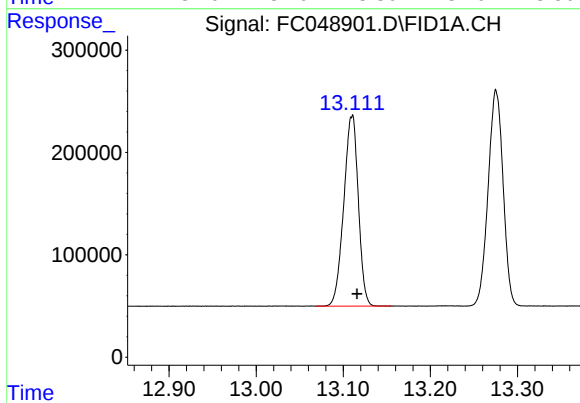
#10 n-Eicosane (C20)

R.T.: 12.664 min
Delta R.T.: -0.006 min
Response: 2567353
Conc: 19.85 ug/ml



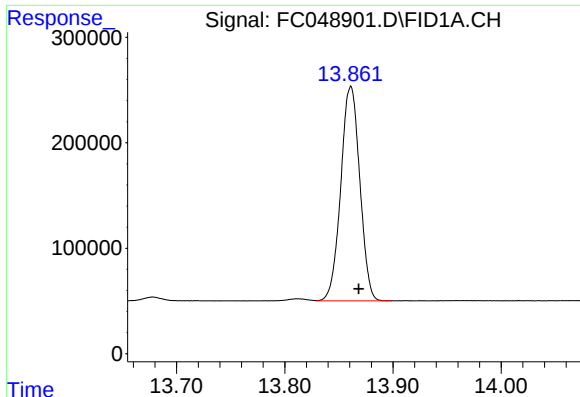
#11 n-Heneicosane (C21)

R.T.: 13.276 min
Delta R.T.: -0.006 min
Response: 2519662
Conc: 19.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.110 min
Delta R.T.: -0.006 min
Response: 2162662
Conc: 19.19 ug/ml



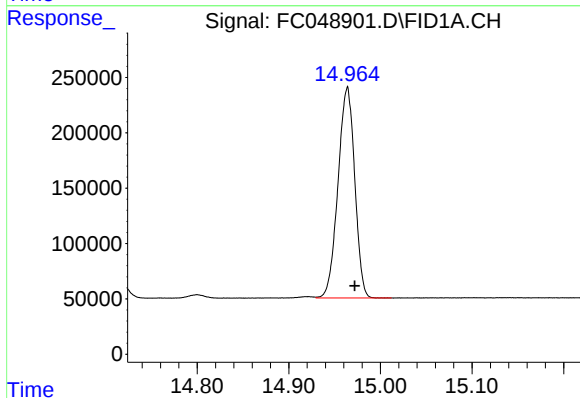
#13 n-Docosane (C22)

R.T.: 13.861 min
Delta R.T.: -0.007 min
Response: 2483838
Conc: 19.13 ug/ml

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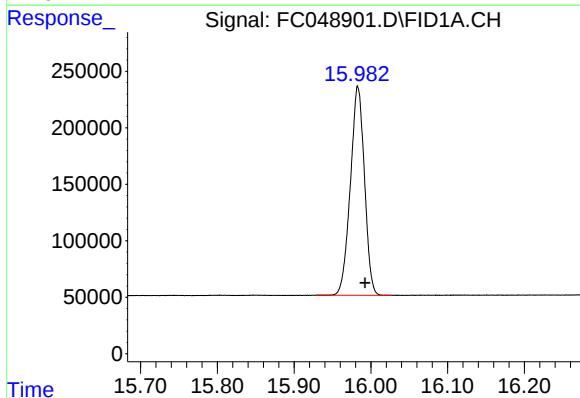
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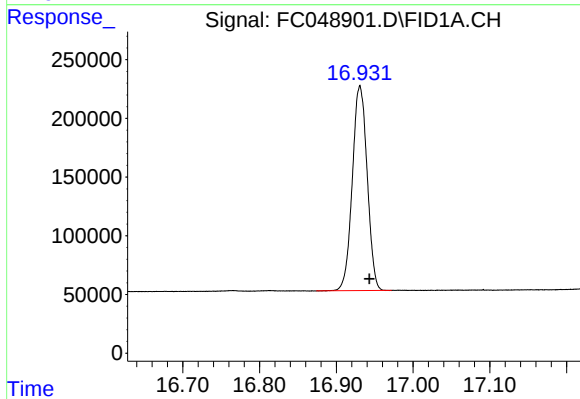
#14 n-Tetracosane (C24)

R.T.: 14.964 min
Delta R.T.: -0.008 min
Response: 2415152
Conc: 18.42 ug/ml



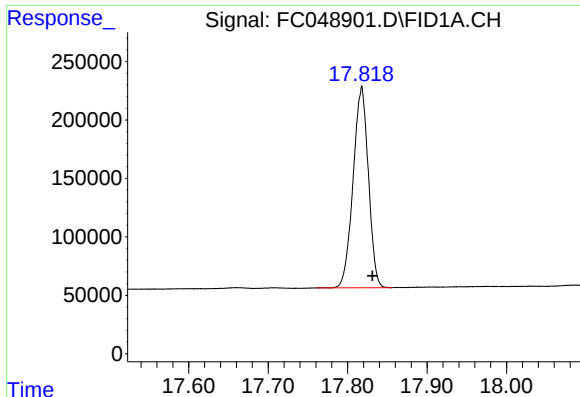
#15 n-Hexacosane (C26)

R.T.: 15.983 min
Delta R.T.: -0.009 min
Response: 2359319
Conc: 18.14 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.931 min
Delta R.T.: -0.013 min
Response: 2348892
Conc: 17.98 ug/ml



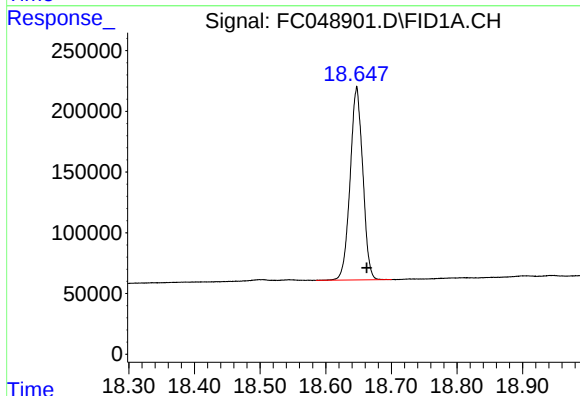
#17 n-Tricontane (C30)

R.T.: 17.818 min
Delta R.T.: -0.013 min
Response: 2291000
Conc: 17.82 ug/ml

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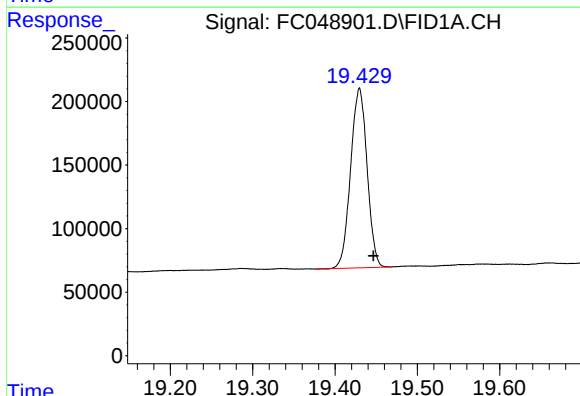
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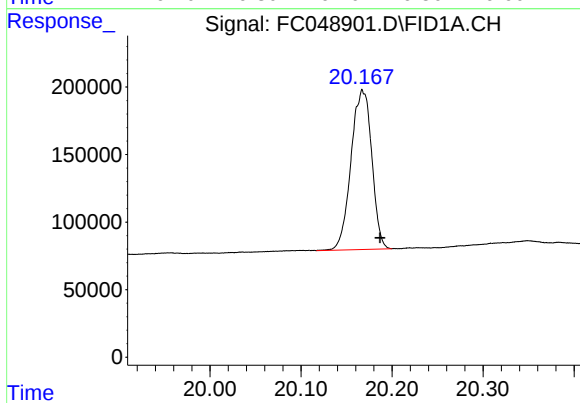
#18 n-Dotriacontane (C32)

R.T.: 18.647 min
Delta R.T.: -0.015 min
Response: 2123319
Conc: 17.97 ug/ml



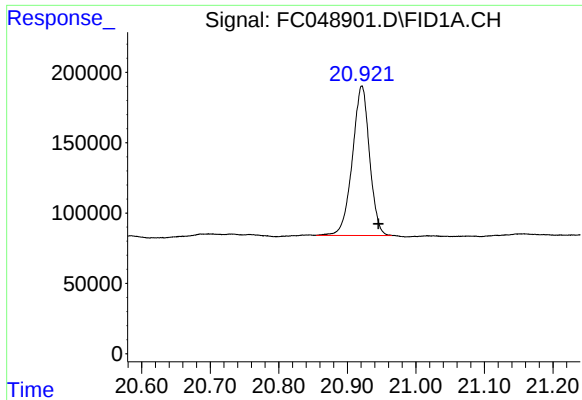
#19 n-Tetratriacontane (C34)

R.T.: 19.430 min
Delta R.T.: -0.017 min
Response: 1963072
Conc: 17.59 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.167 min
Delta R.T.: -0.020 min
Response: 1866577
Conc: 17.75 ug/ml m



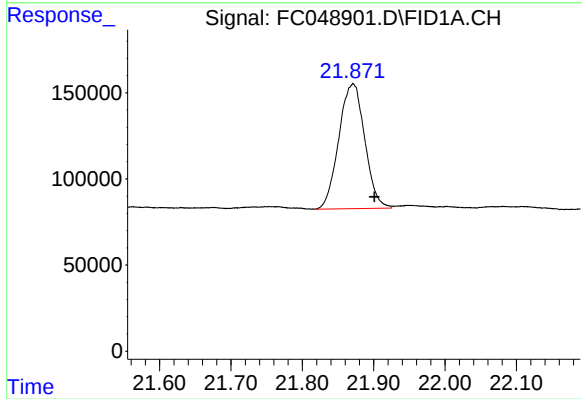
#21 n-Octatriacontane (C38)

R.T.: 20.921 min
Delta R.T.: -0.024 min
Response: 1853651
Conc: 18.88 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.871 min
Delta R.T.: -0.031 min
Response: 1833480
Conc: 18.87 ug/ml m