

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC082420AL\
 Data File : FC049165.D
 Signal(s) : FID1A.CH
 Acq On : 24 Aug 2020 10:35
 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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 8/25/2020 3:21:30 PM

Integration File: autoint1.e
 Quant Time: Aug 25 02:53:02 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080720.M
 Quant Title : GC Extractables
 QLast Update : Sat Aug 08 02:38:47 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)	11.680	2500429	21.045 ug/ml
Spiked Amount 50.000		Recovery =	42.09%
12) S 1-chlorooctadecane (S...	13.112	2032466	20.893 ug/ml
Spiked Amount 50.000		Recovery =	41.79%
Target Compounds			
1) T n-Nonane (C9)	3.409	2254369	21.615 ug/ml
2) T n-Decane (C10)	4.485	2305069	21.977 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2616406	22.123 ug/ml
4) T n-Dodecane (C12)	6.511	2354810	22.201 ug/ml
5) T A~2-methylnaphthalene...	7.145	2680361	22.231 ug/ml
6) T n-Tetradecane (C14)	8.311	2372868	22.533 ug/ml
7) T n-Hexadecane (C16)	9.914	2328065	22.180 ug/ml
8) T n-Octadecane (C18)	11.357	2410440	21.941 ug/ml
10) T n-Eicosane (C20)	12.667	2394295	21.516 ug/ml
11) T n-Heneicosane (C21)	13.278	2351277	21.048 ug/ml
13) T n-Docosane (C22)	13.865	2354962	20.951 ug/ml
14) T n-Tetracosane (C24)	14.967	2331471	20.508 ug/ml
15) T n-Hexacosane (C26)	15.987	2349383	20.533 ug/ml
16) T n-Octacosane (C28)	16.935	2320553	19.946 ug/ml
17) T n-Tricontane (C30)	17.822	2155471	18.646 ug/ml
18) T n-Dotriacontane (C32)	18.652	1907567	17.642 ug/ml
19) T n-Tetratriacontane (C34)	19.435	1768516	17.051 ug/mlm
20) T n-Hexatriacontane (C36)	20.173	1727766	17.377 ug/mlm
21) T n-Octatriacontane (C38)	20.927	1594842	16.866 ug/ml
22) T n-Tetracontane (C40)	21.880	1678918	17.587 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

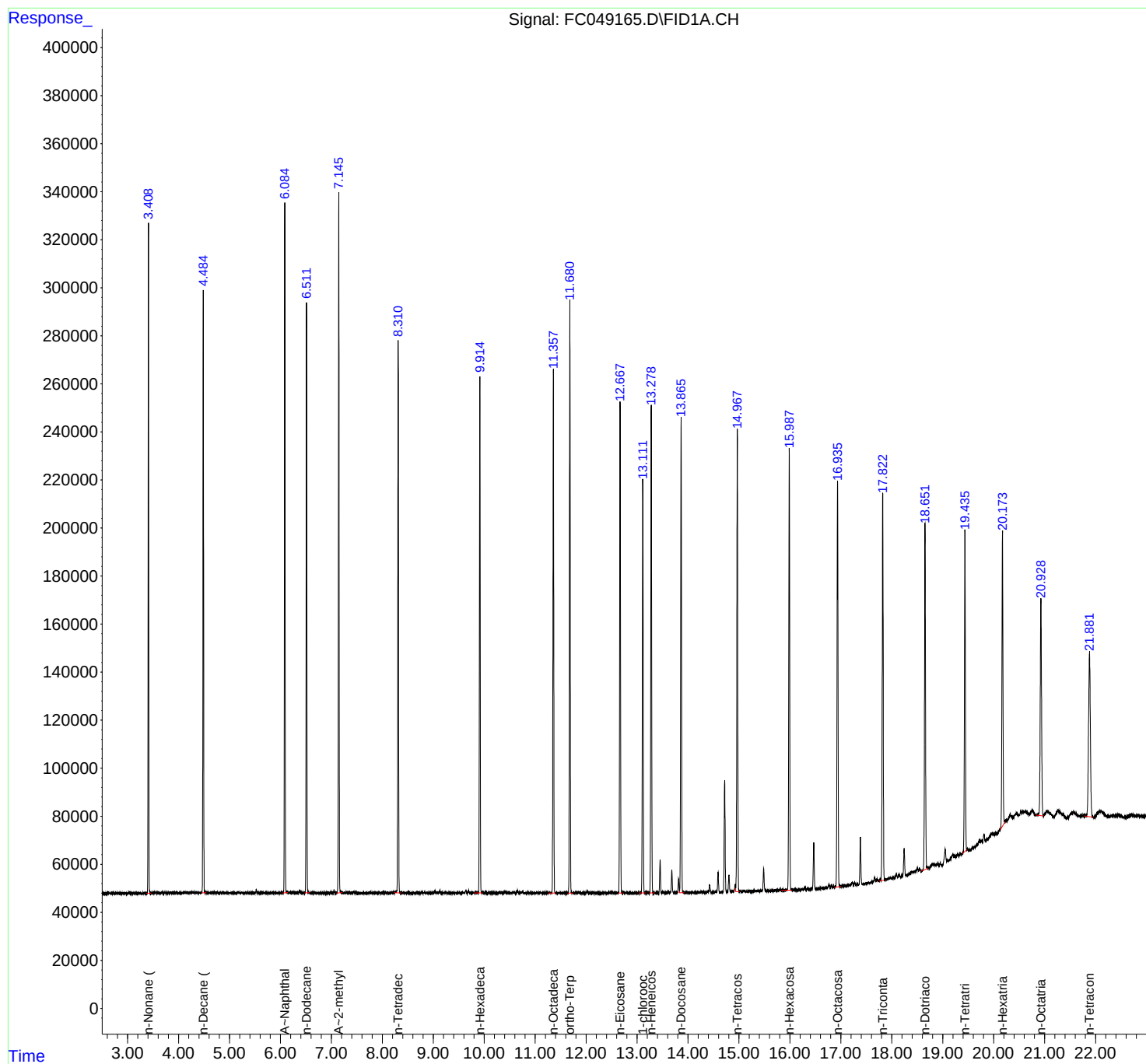
Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

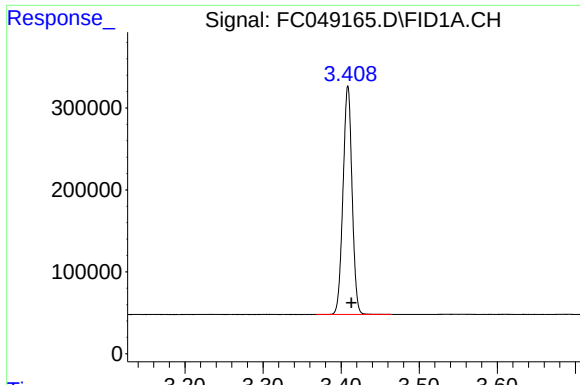
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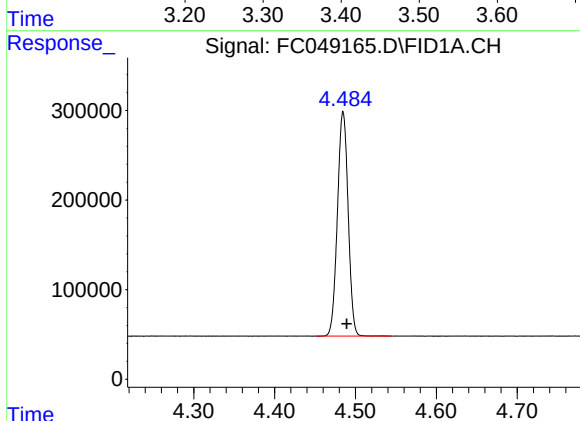
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2254369
Conc: 21.61 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

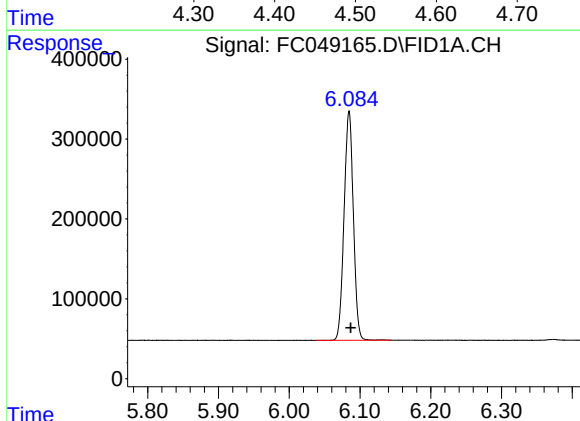
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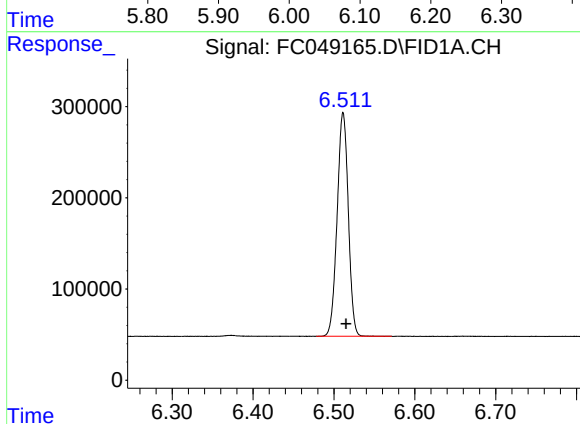
#2 n-Decane (C10)

R.T.: 4.485 min
Delta R.T.: -0.005 min
Response: 2305069
Conc: 21.98 ug/ml



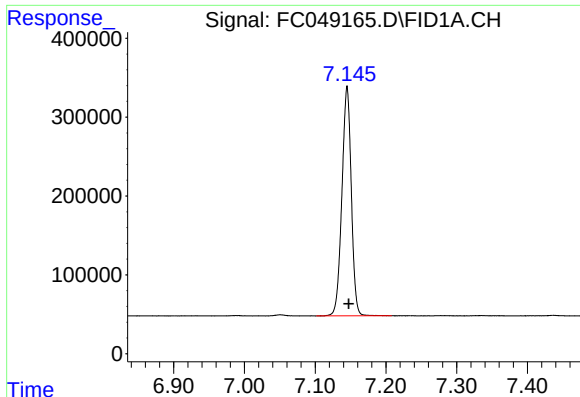
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.002 min
Response: 2616406
Conc: 22.12 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.511 min
Delta R.T.: -0.004 min
Response: 2354810
Conc: 22.20 ug/ml



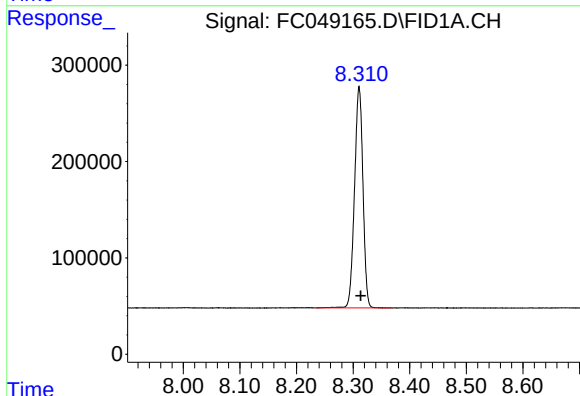
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.145 min
Delta R.T.: -0.002 min
Response: 2680361
Conc: 22.23 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

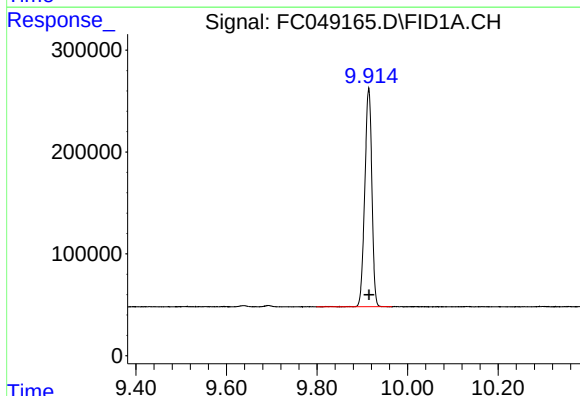
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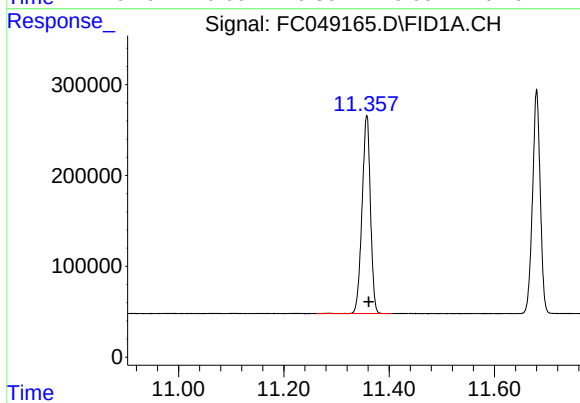
#6 n-Tetradecane (C14)

R.T.: 8.311 min
Delta R.T.: -0.003 min
Response: 2372868
Conc: 22.53 ug/ml



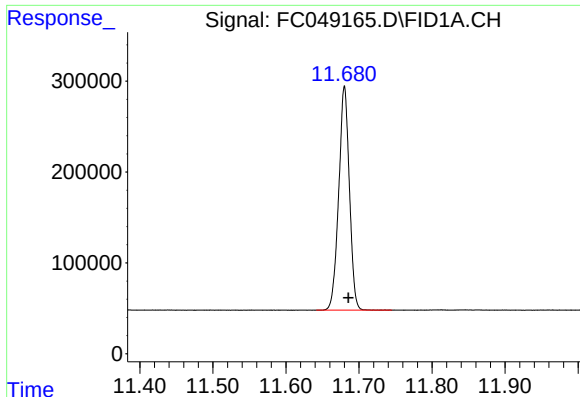
#7 n-Hexadecane (C16)

R.T.: 9.914 min
Delta R.T.: -0.001 min
Response: 2328065
Conc: 22.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.357 min
Delta R.T.: -0.004 min
Response: 2410440
Conc: 21.94 ug/ml



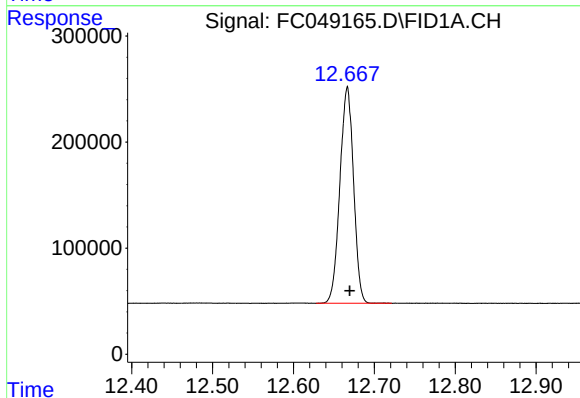
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.005 min
Response: 2500429
Conc: 21.04 ug/ml

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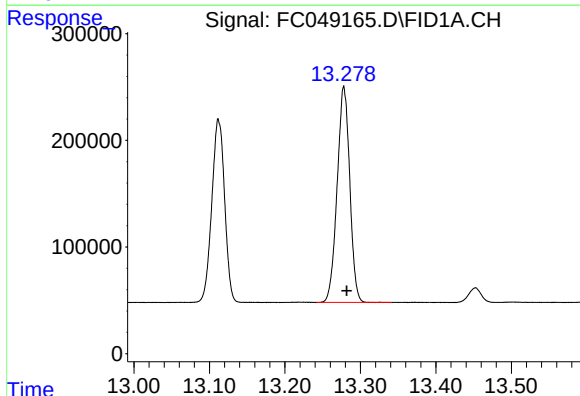
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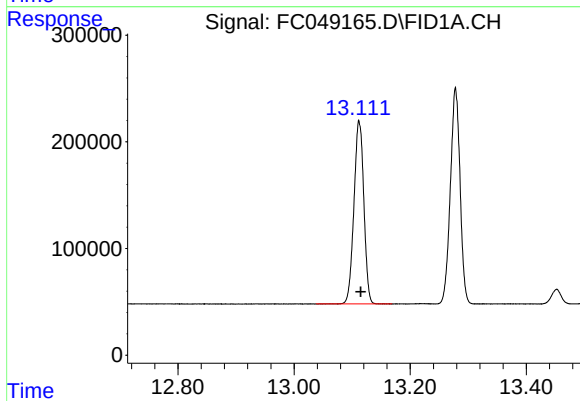
#10 n-Eicosane (C20)

R.T.: 12.667 min
Delta R.T.: -0.003 min
Response: 2394295
Conc: 21.52 ug/ml



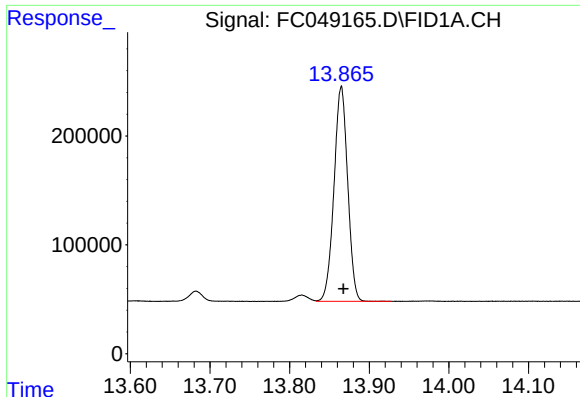
#11 n-Heneicosane (C21)

R.T.: 13.278 min
Delta R.T.: -0.004 min
Response: 2351277
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.112 min
Delta R.T.: -0.003 min
Response: 2032466
Conc: 20.89 ug/ml



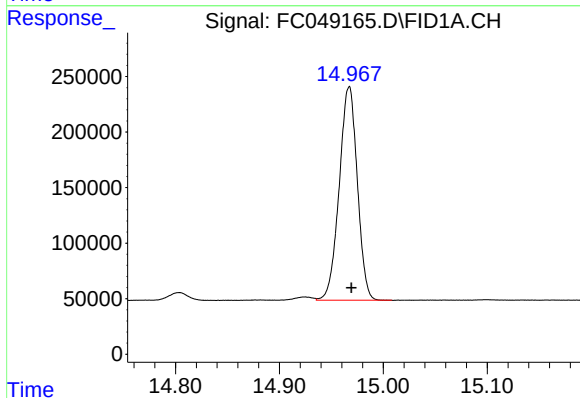
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.003 min
Response: 2354962
Conc: 20.95 ug/ml

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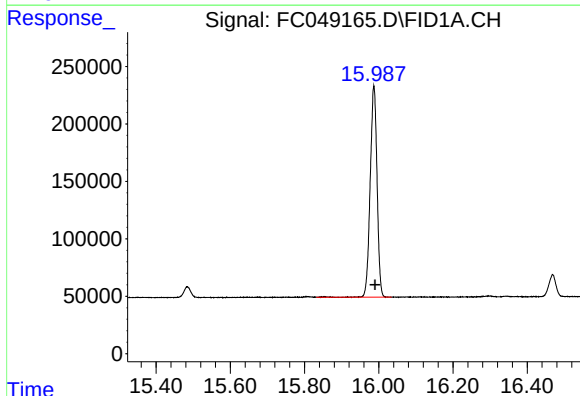
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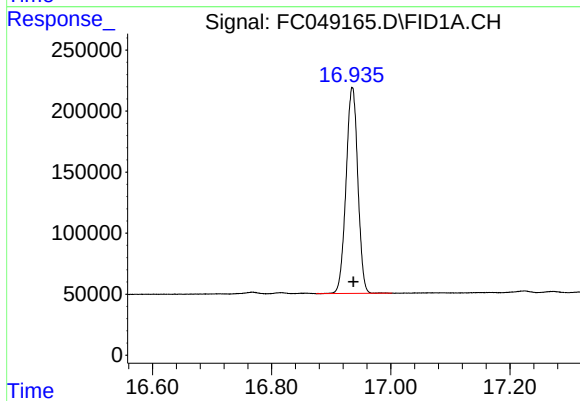
#14 n-Tetracosane (C24)

R.T.: 14.967 min
Delta R.T.: -0.002 min
Response: 2331471
Conc: 20.51 ug/ml



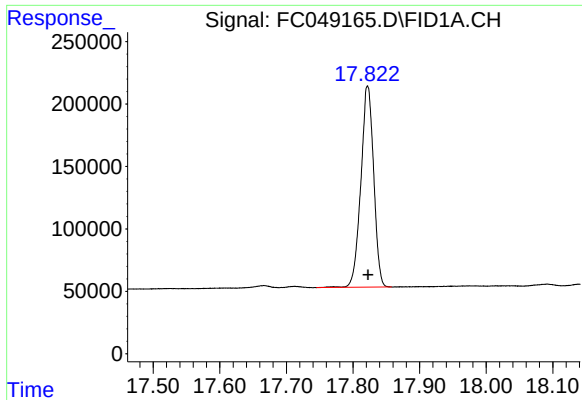
#15 n-Hexacosane (C26)

R.T.: 15.987 min
Delta R.T.: -0.003 min
Response: 2349383
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.935 min
Delta R.T.: -0.002 min
Response: 2320553
Conc: 19.95 ug/ml



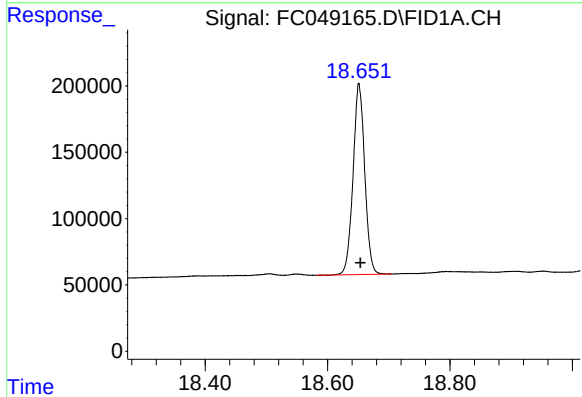
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 2155471
Conc: 18.65 ug/ml

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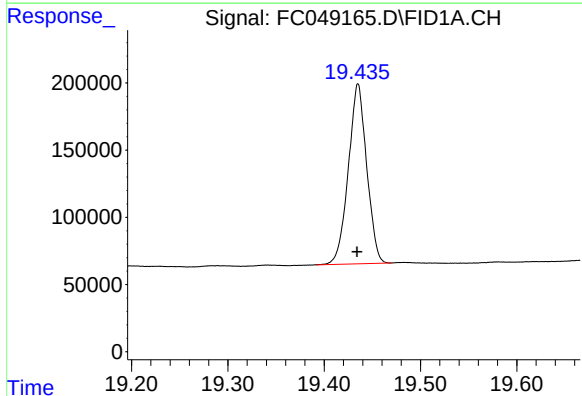
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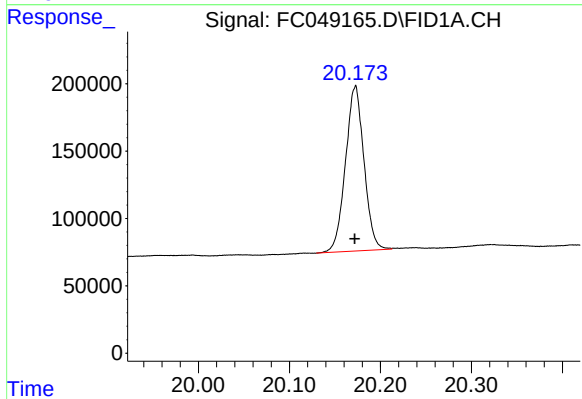
#18 n-Dotriacontane (C32)

R.T.: 18.652 min
Delta R.T.: -0.002 min
Response: 1907567
Conc: 17.64 ug/ml



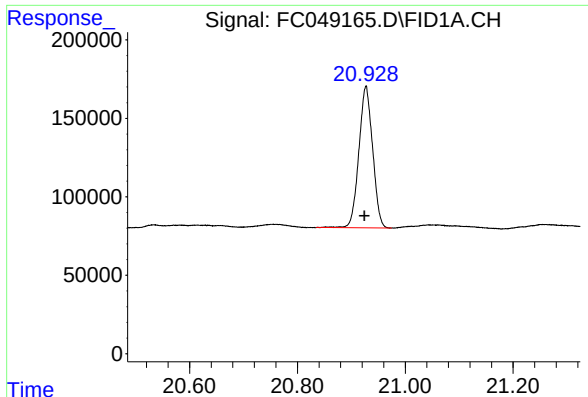
#19 n-Tetratriacontane (C34)

R.T.: 19.435 min
Delta R.T.: 0.000 min
Response: 1768516
Conc: 17.05 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.173 min
Delta R.T.: 0.000 min
Response: 1727766
Conc: 17.38 ug/ml m



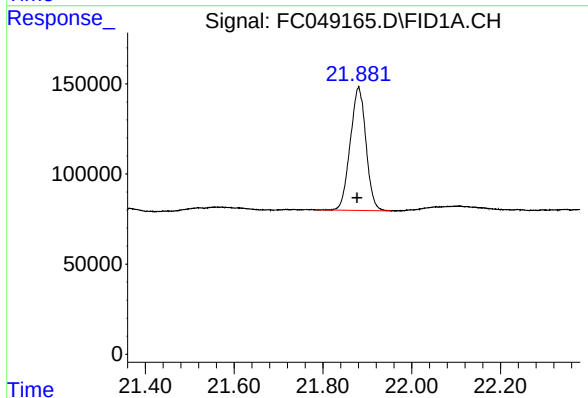
#21 n-Octatriacontane (C38)

R.T.: 20.927 min
Delta R.T.: 0.003 min
Response: 1594842
Conc: 16.87 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.880 min
Delta R.T.: 0.003 min
Response: 1678918
Conc: 17.59 ug/ml