

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081820AL\
 Data File : FC049087.D
 Signal(s) : FID1A.CH
 Acq On : 18 Aug 2020 23:51
 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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 8/20/2020 9:56:15 AM

Integration File: autoint1.e
 Quant Time: Aug 19 02:21:54 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	2605887	21.932 ug/ml
Spiked Amount 50.000		Recovery =	43.86%
12) S 1-chlorooctadecane (S...	13.113	2114374	21.735 ug/ml
Spiked Amount 50.000		Recovery =	43.47%
Target Compounds			
1) T n-Nonane (C9)	3.409	2311207	22.160 ug/ml
2) T n-Decane (C10)	4.486	2353935	22.442 ug/ml
3) T A~Naphthalene (C11.7)	6.084	2667948	22.559 ug/ml
4) T n-Dodecane (C12)	6.512	2398584	22.614 ug/ml
5) T A~2-methylnaphthalene...	7.144	2734560	22.680 ug/ml
6) T n-Tetradecane (C14)	8.310	2395723	22.750 ug/ml
7) T n-Hexadecane (C16)	9.913	2371996	22.598 ug/ml
8) T n-Octadecane (C18)	11.358	2466986	22.456 ug/ml
10) T n-Eicosane (C20)	12.666	2466815	22.167 ug/ml
11) T n-Heneicosane (C21)	13.279	2440158	21.844 ug/ml
13) T n-Docosane (C22)	13.865	2436984	21.681 ug/ml
14) T n-Tetracosane (C24)	14.968	2399575	21.107 ug/ml
15) T n-Hexacosane (C26)	15.988	2309361	20.184 ug/ml
16) T n-Octacosane (C28)	16.937	2240059	19.254 ug/ml
17) T n-Tricontane (C30)	17.822	2141832	18.528 ug/ml
18) T n-Dotriacontane (C32)	18.653	1942916	17.969 ug/ml
19) T n-Tetratriacontane (C34)	19.434	1818378	17.532 ug/mlm
20) T n-Hexatriacontane (C36)	20.174	1770073	17.802 ug/mlm
21) T n-Octatriacontane (C38)	20.930	1773732	18.757 ug/mlm
22) T n-Tetracontane (C40)	21.881	1849100	19.369 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 2 Sample Multiplier: 1

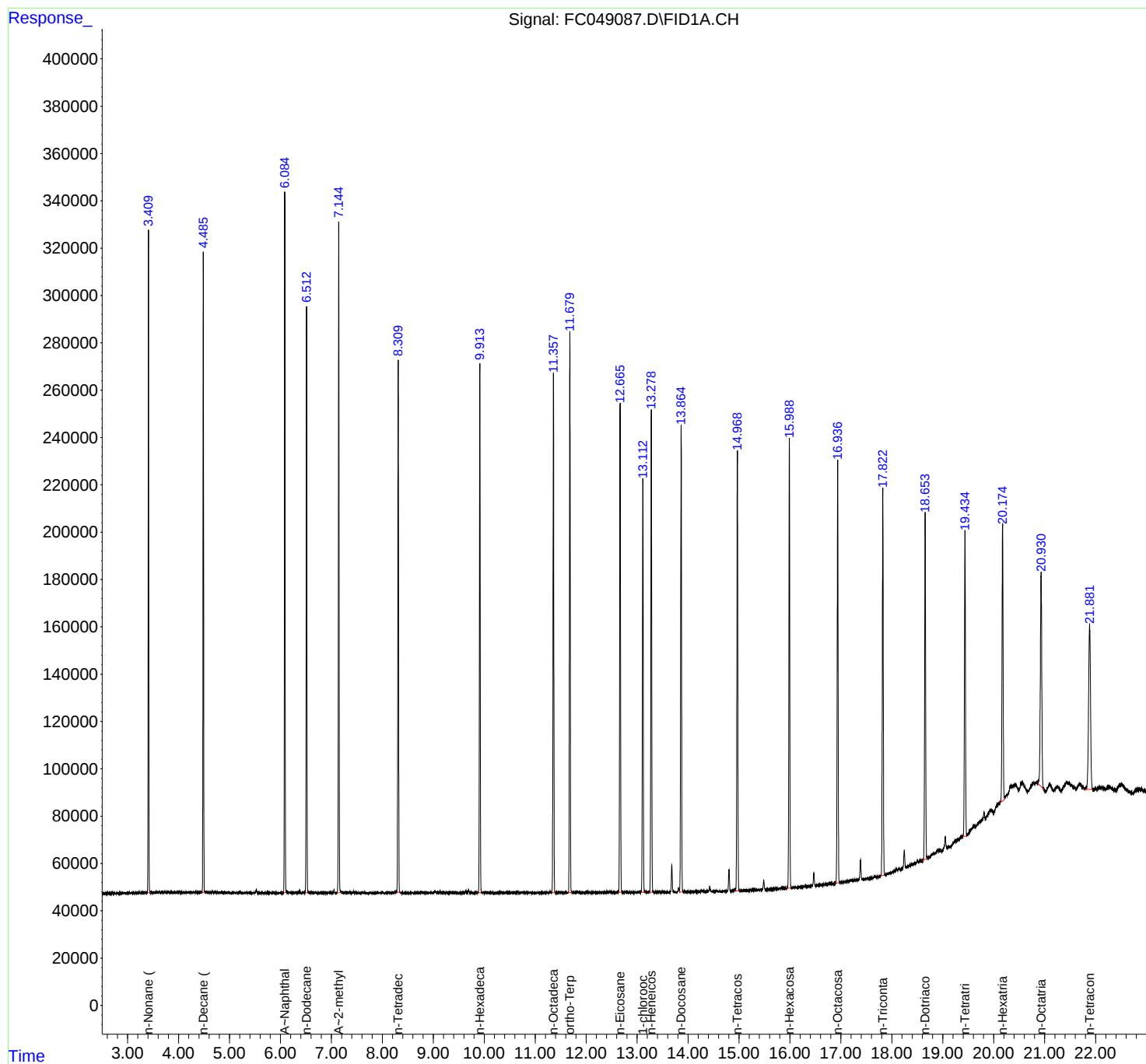
Instrument :
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20 PPM ALIPHATIC HC STD

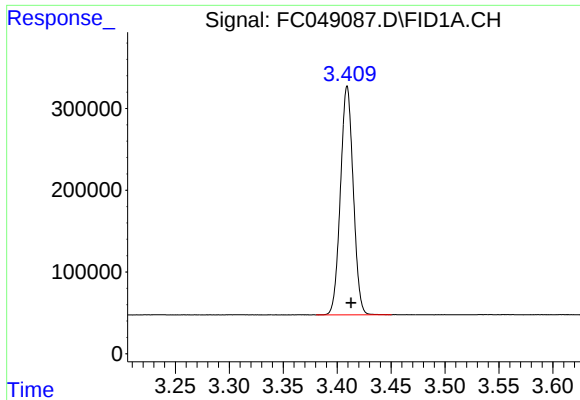
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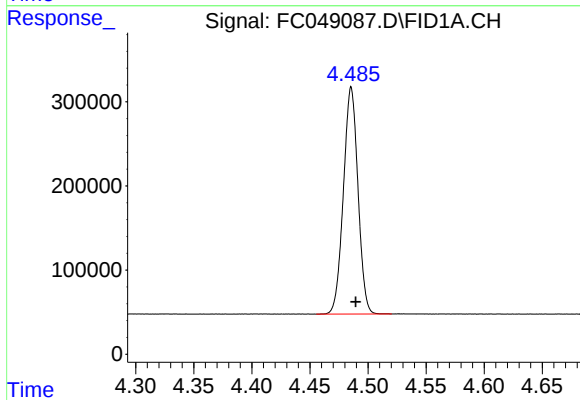
#1 n-Nonane (C9)

R.T.: 3.409 min
Delta R.T.: -0.004 min
Response: 2311207
Conc: 22.16 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD

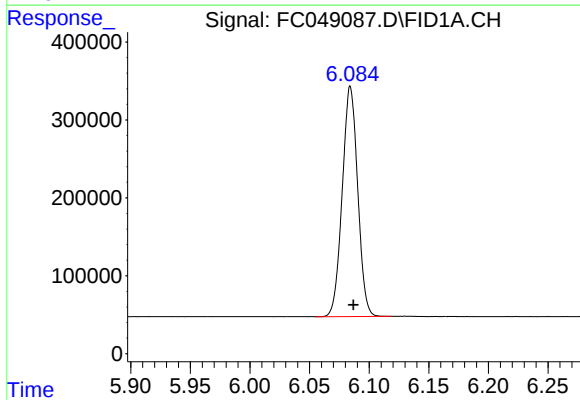
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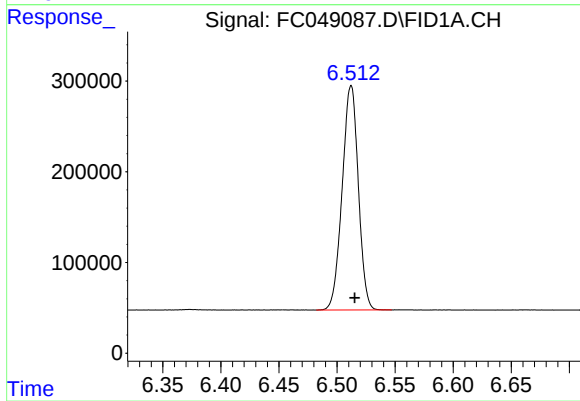
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.004 min
Response: 2353935
Conc: 22.44 ug/ml



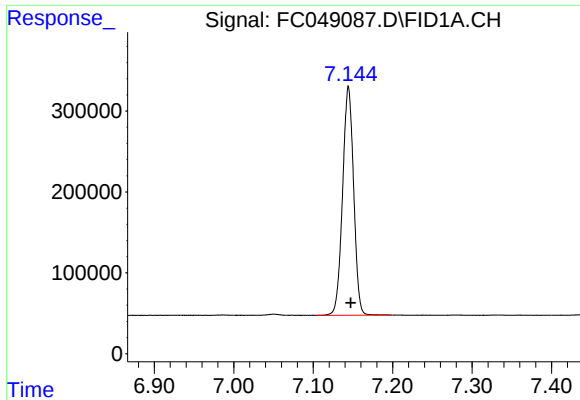
#3 A~Naphthalene (C11.7)

R.T.: 6.084 min
Delta R.T.: -0.003 min
Response: 2667948
Conc: 22.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.512 min
Delta R.T.: -0.003 min
Response: 2398584
Conc: 22.61 ug/ml



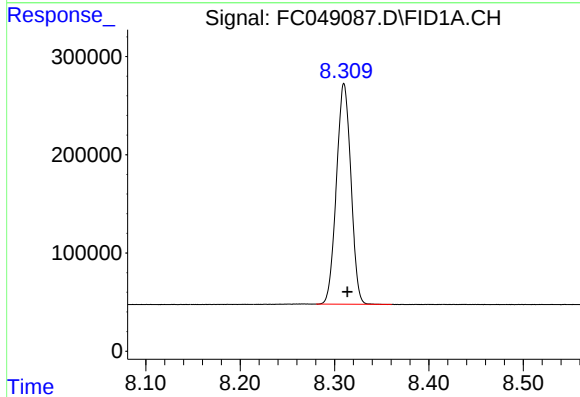
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.144 min
Delta R.T.: -0.003 min
Response: 2734560
Conc: 22.68 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD

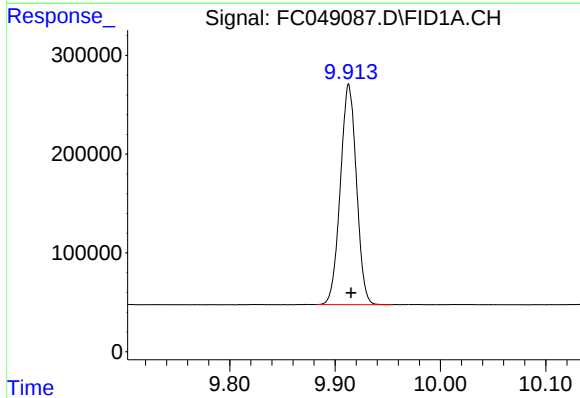
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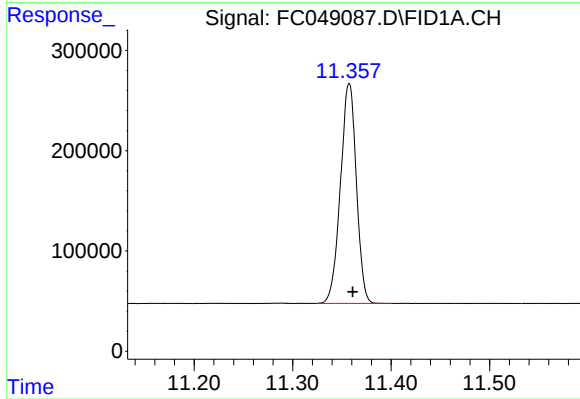
#6 n-Tetradecane (C14)

R.T.: 8.310 min
Delta R.T.: -0.003 min
Response: 2395723
Conc: 22.75 ug/ml



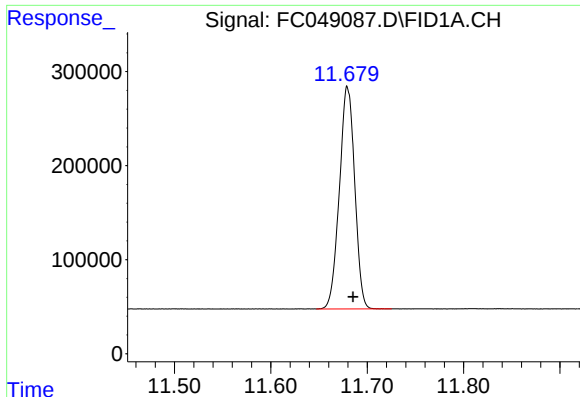
#7 n-Hexadecane (C16)

R.T.: 9.913 min
Delta R.T.: -0.002 min
Response: 2371996
Conc: 22.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.358 min
Delta R.T.: -0.004 min
Response: 2466986
Conc: 22.46 ug/ml



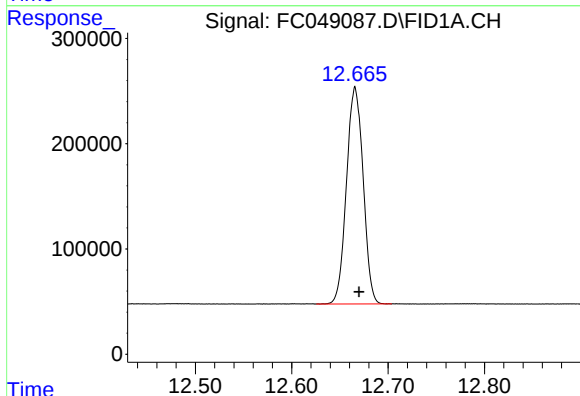
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.006 min
Response: 2605887
Conc: 21.93 ug/ml

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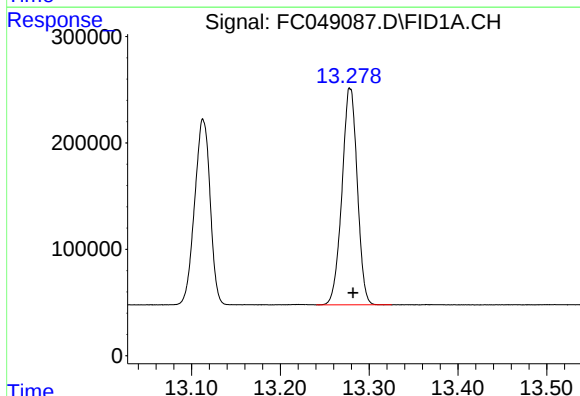
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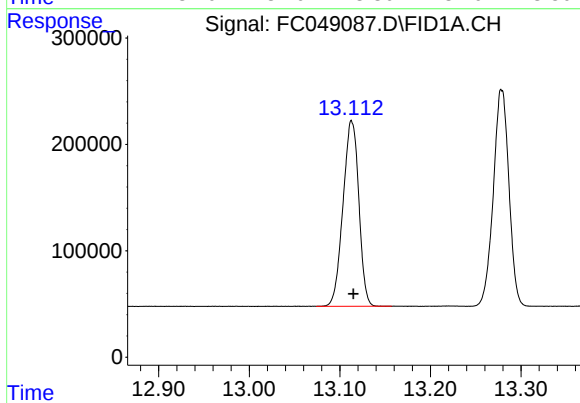
#10 n-Eicosane (C20)

R.T.: 12.666 min
Delta R.T.: -0.004 min
Response: 2466815
Conc: 22.17 ug/ml



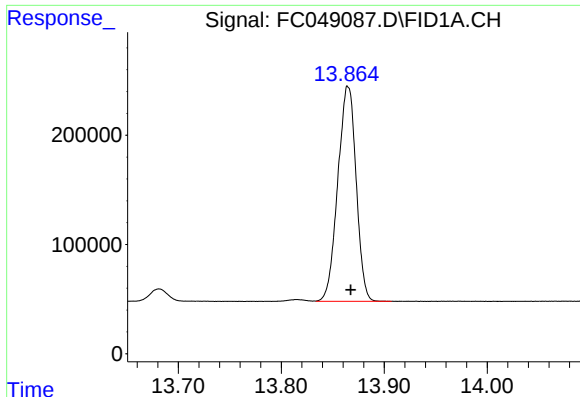
#11 n-Heneicosane (C21)

R.T.: 13.279 min
Delta R.T.: -0.003 min
Response: 2440158
Conc: 21.84 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.113 min
Delta R.T.: -0.002 min
Response: 2114374
Conc: 21.73 ug/ml



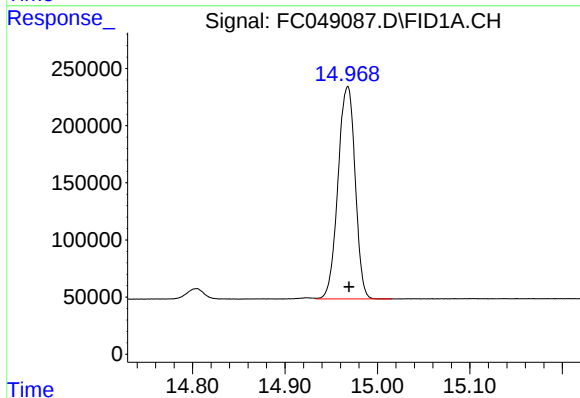
#13 n-Docosane (C22)

R.T.: 13.865 min
Delta R.T.: -0.002 min
Response: 2436984
Conc: 21.68 ug/ml

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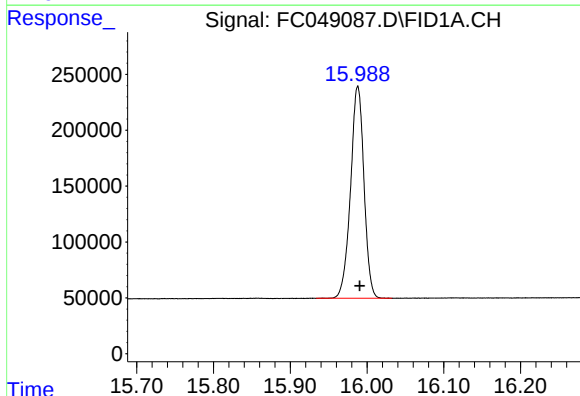
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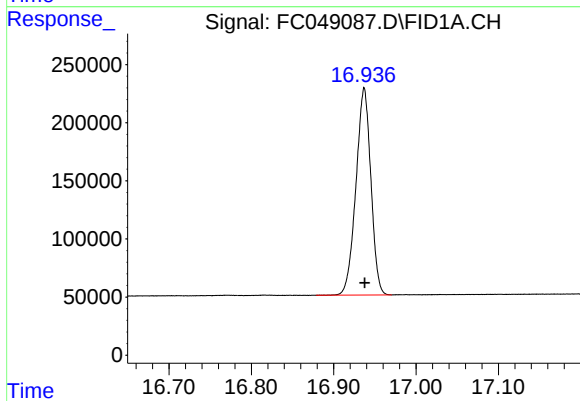
#14 n-Tetracosane (C24)

R.T.: 14.968 min
Delta R.T.: -0.001 min
Response: 2399575
Conc: 21.11 ug/ml



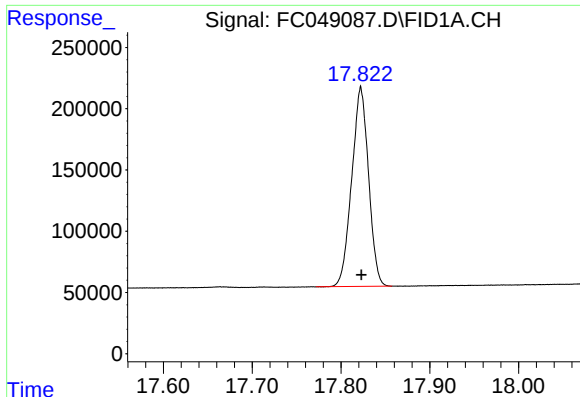
#15 n-Hexacosane (C26)

R.T.: 15.988 min
Delta R.T.: -0.002 min
Response: 2309361
Conc: 20.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.937 min
Delta R.T.: 0.000 min
Response: 2240059
Conc: 19.25 ug/ml



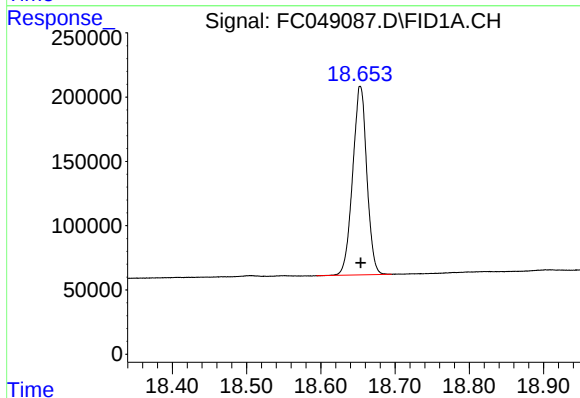
#17 n-Tricontane (C30)

R.T.: 17.822 min
Delta R.T.: 0.000 min
Response: 2141832
Conc: 18.53 ug/ml

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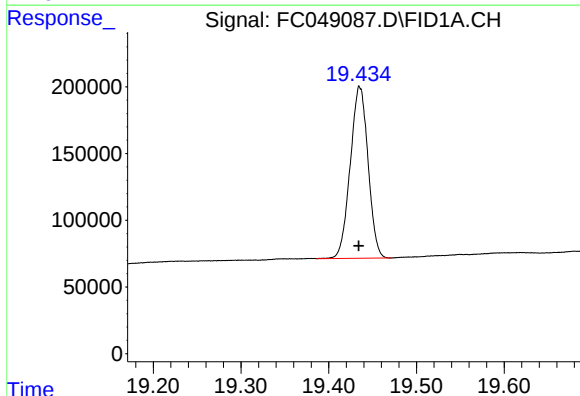
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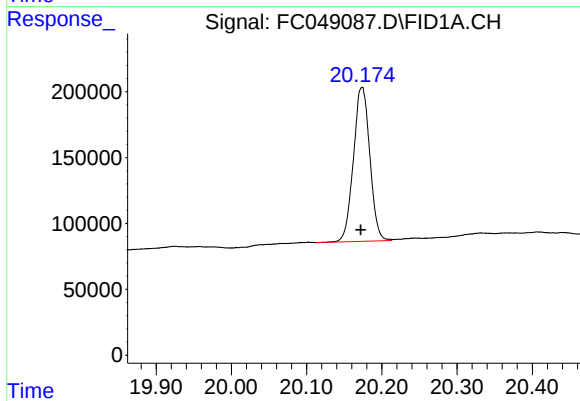
#18 n-Dotriacontane (C32)

R.T.: 18.653 min
Delta R.T.: 0.000 min
Response: 1942916
Conc: 17.97 ug/ml



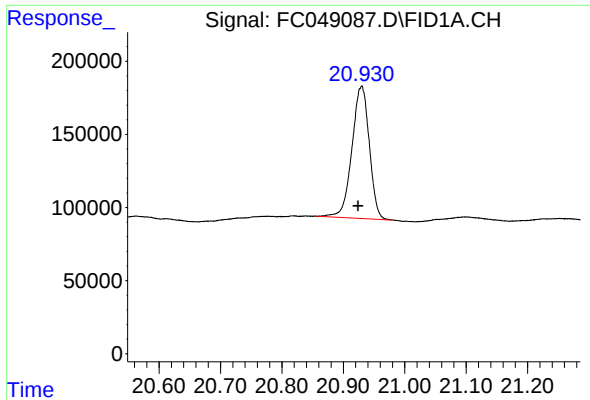
#19 n-Tetratriacontane (C34)

R.T.: 19.434 min
Delta R.T.: 0.000 min
Response: 1818378
Conc: 17.53 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.174 min
Delta R.T.: 0.003 min
Response: 1770073
Conc: 17.80 ug/ml m



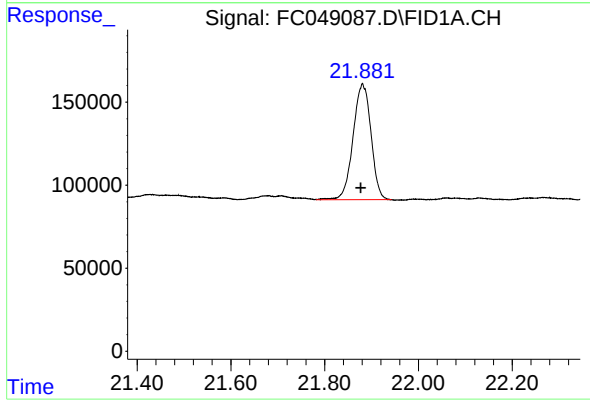
#21 n-Octatriacontane (C38)

R.T.: 20.930 min
Delta R.T.: 0.006 min
Response: 1773732
Conc: 18.76 ug/ml m

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#22 n-Tetracontane (C40)

R.T.: 21.881 min
Delta R.T.: 0.004 min
Response: 1849100
Conc: 19.37 ug/ml m