

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC081919AL\
 Data File : FC042985.D
 Signal(s) : FID1A.CH
 Acq On : 19 Aug 2019 13:39
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Manual Integrations
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 8/20/2019 6:01:54 PM

Integration File: autoint1.e
 Quant Time: Aug 20 01:39:12 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 080819.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 08 16:36:10 2019
 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	2614864	18.408 ug/ml
Spiked Amount 50.000		Recovery =	36.82%
12) S 1-chlorooctadecane (S...	13.101	2137736	18.010 ug/ml
Spiked Amount 50.000		Recovery =	36.02%
Target Compounds			
1) T n-Nonane (C9)	3.489	2546814	20.537 ug/ml
2) T n-Decane (C10)	4.551	2588445	20.632 ug/ml
3) T A~Naphthalene (C11.7)	6.137	2763341	20.400 ug/ml
4) T n-Dodecane (C12)	6.553	2615160	20.619 ug/ml
5) T A~2-methylnaphthalene...	7.186	2783477	20.462 ug/ml
6) T n-Tetradecane (C14)	8.334	2605043	20.416 ug/ml
7) T n-Hexadecane (C16)	9.923	2583943	19.990 ug/ml
8) T n-Octadecane (C18)	11.355	2555652	19.315 ug/ml
10) T n-Eicosane (C20)	12.658	2515732	18.611 ug/ml
11) T n-Heneicosane (C21)	13.265	2466484	18.246 ug/ml
13) T n-Docosane (C22)	13.849	2423211	17.849 ug/ml
14) T n-Tetracosane (C24)	14.945	2333915	17.140 ug/ml
15) T n-Hexacosane (C26)	15.961	2237948	16.591 ug/ml
16) T n-Octacosane (C28)	16.907	2176941	16.359 ug/ml
17) T n-Tricontane (C30)	17.791	2093551	16.350 ug/ml
18) T n-Dotriacontane (C32)	18.620	1940462	16.642 ug/ml
19) T n-Tetratriacontane (C34)	19.401	1655682	17.234 ug/ml
20) T n-Hexatriacontane (C36)	20.136	1516394	18.280 ug/ml
21) T n-Octatriacontane (C38)	20.882	1452565	19.634 ug/mlm
22) T n-Tetracontane (C40)	21.804	1452879	20.114 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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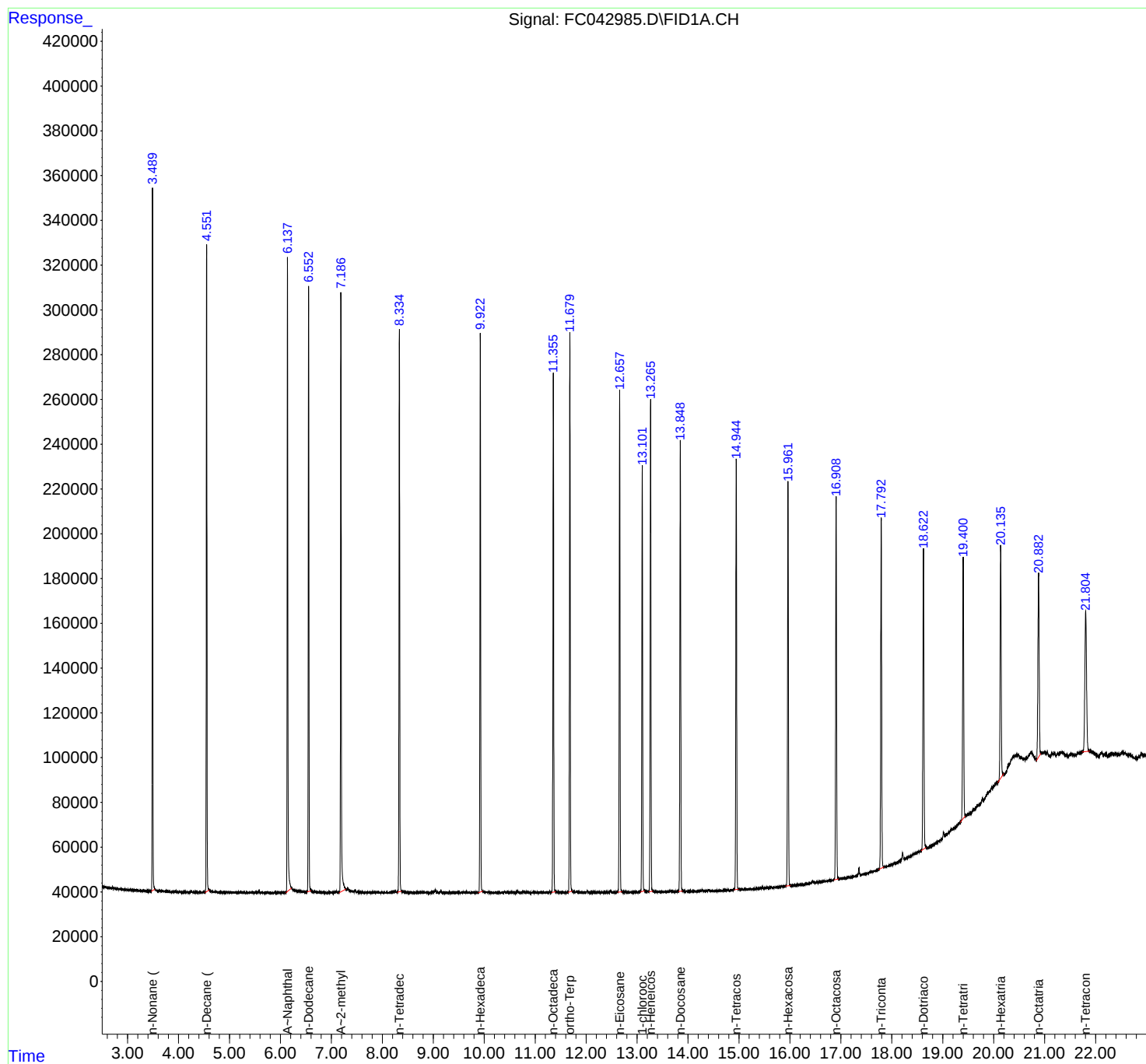
Instrument :
FID_C
ClientSampleId :

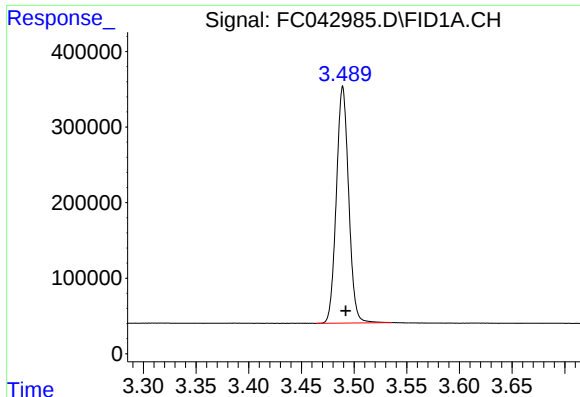
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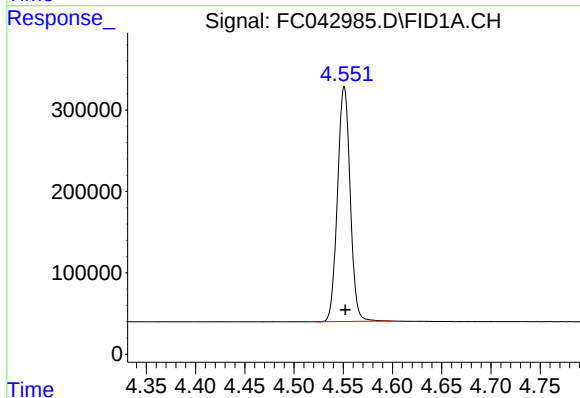
#1 n-Nonane (C9)

R.T.: 3.489 min
Delta R.T.: -0.003 min
Response: 2546814
Conc: 20.54 ug/ml

Instrument :
FID_C
ClientSampleId :

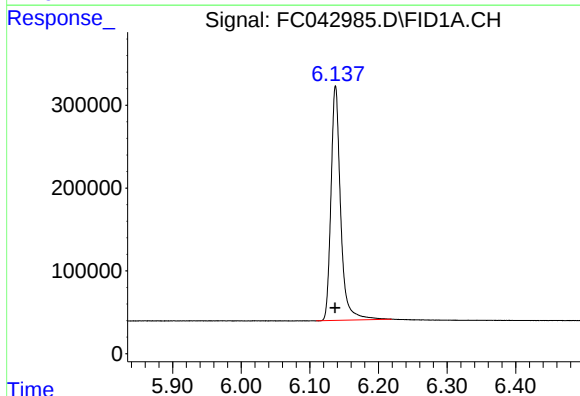
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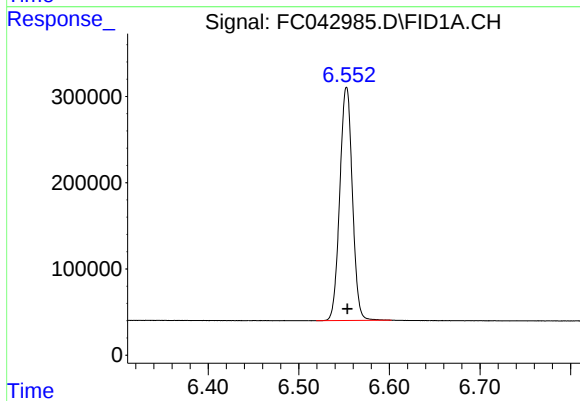
#2 n-Decane (C10)

R.T.: 4.551 min
Delta R.T.: -0.001 min
Response: 2588445
Conc: 20.63 ug/ml



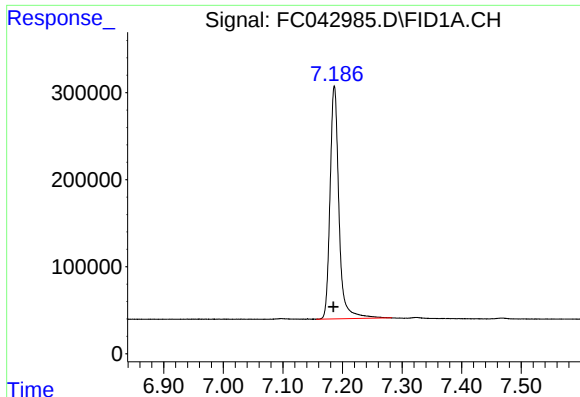
#3 A~Naphthalene (C11.7)

R.T.: 6.137 min
Delta R.T.: 0.000 min
Response: 2763341
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.553 min
Delta R.T.: 0.000 min
Response: 2615160
Conc: 20.62 ug/ml



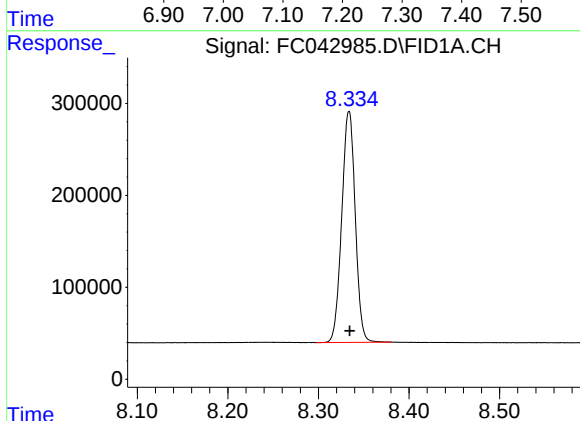
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.186 min
Delta R.T.: 0.001 min
Response: 2783477
Conc: 20.46 ug/ml

Instrument :
FID_C
ClientSampleId :

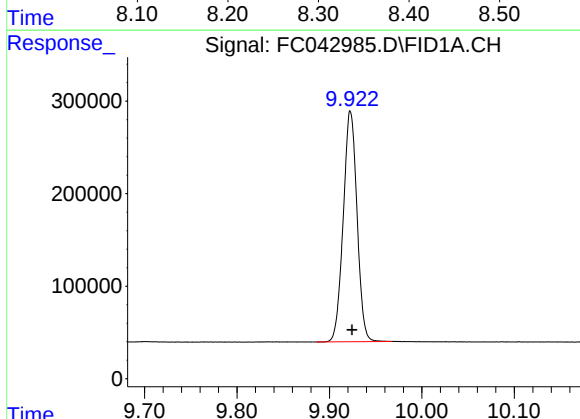
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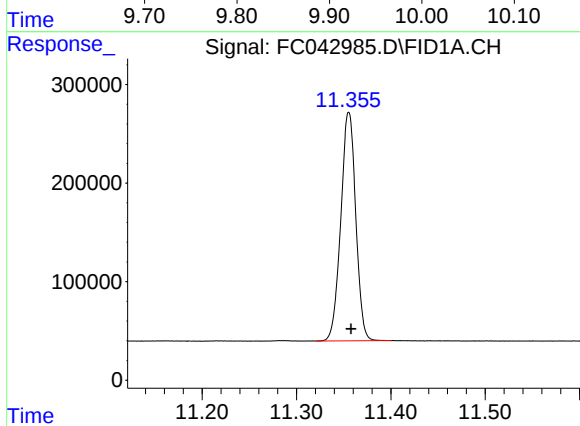
#6 n-Tetradecane (C14)

R.T.: 8.334 min
Delta R.T.: 0.000 min
Response: 2605043
Conc: 20.42 ug/ml



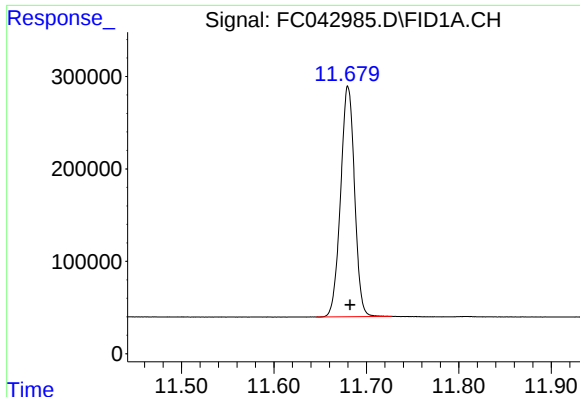
#7 n-Hexadecane (C16)

R.T.: 9.923 min
Delta R.T.: -0.002 min
Response: 2583943
Conc: 19.99 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.355 min
Delta R.T.: -0.003 min
Response: 2555652
Conc: 19.32 ug/ml



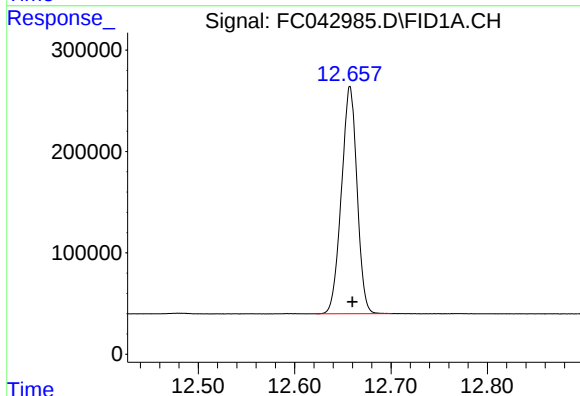
#9 ortho-Terphenyl (SURR)

R.T.: 11.680 min
Delta R.T.: -0.002 min
Response: 2614864
Conc: 18.41 ug/ml

Instrument :
FID_C
ClientSampleId :

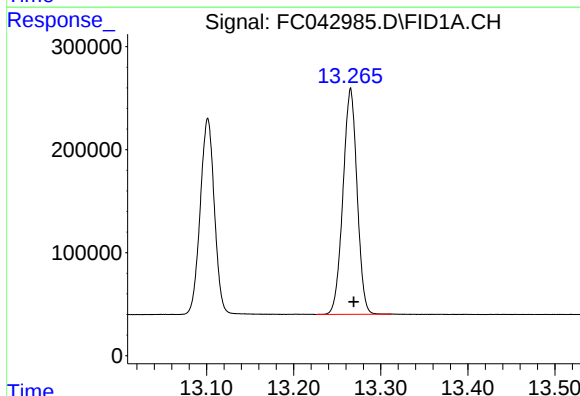
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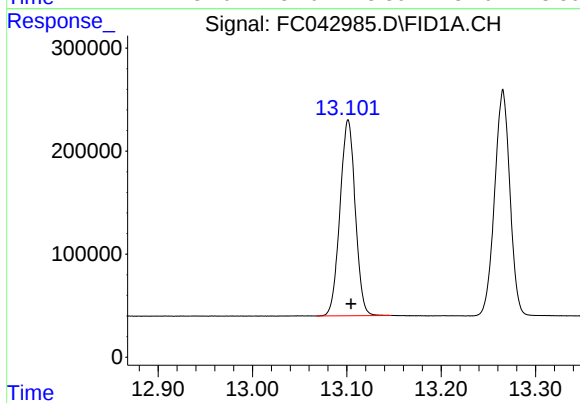
#10 n-Eicosane (C20)

R.T.: 12.658 min
Delta R.T.: -0.002 min
Response: 2515732
Conc: 18.61 ug/ml



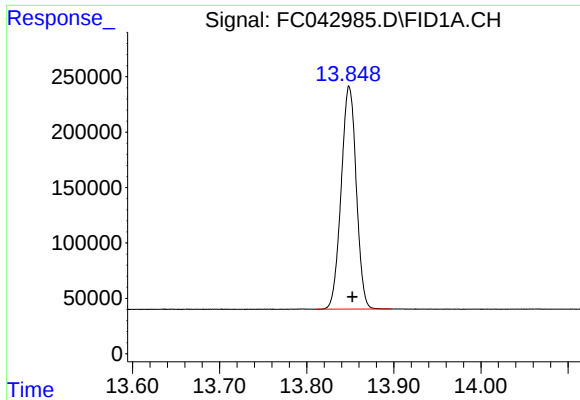
#11 n-Heneicosane (C21)

R.T.: 13.265 min
Delta R.T.: -0.004 min
Response: 2466484
Conc: 18.25 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.101 min
Delta R.T.: -0.003 min
Response: 2137736
Conc: 18.01 ug/ml



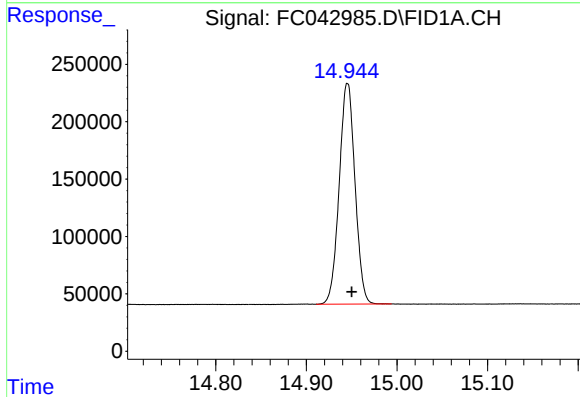
#13 n-Docosane (C22)

R.T.: 13.849 min
Delta R.T.: -0.004 min
Response: 2423211
Conc: 17.85 ug/ml

Instrument :
FID_C
ClientSampleId :

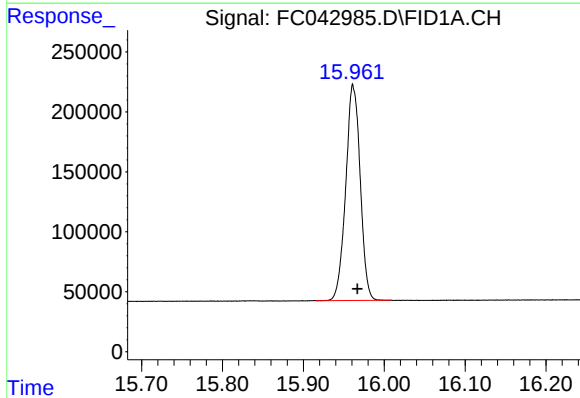
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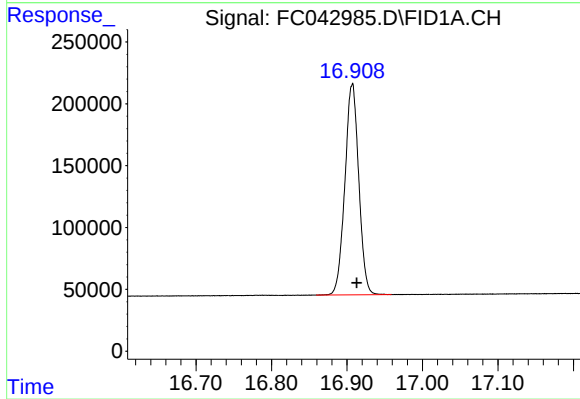
#14 n-Tetracosane (C24)

R.T.: 14.945 min
Delta R.T.: -0.005 min
Response: 2333915
Conc: 17.14 ug/ml



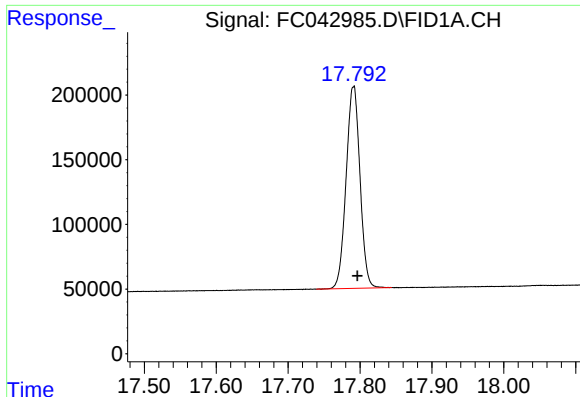
#15 n-Hexacosane (C26)

R.T.: 15.961 min
Delta R.T.: -0.005 min
Response: 2237948
Conc: 16.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.907 min
Delta R.T.: -0.006 min
Response: 2176941
Conc: 16.36 ug/ml



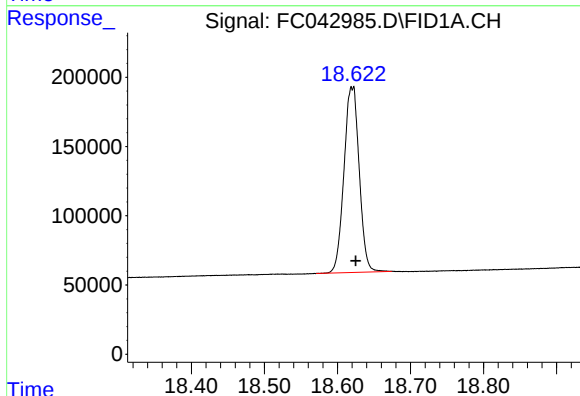
#17 n-Tricontane (C30)

R.T.: 17.791 min
Delta R.T.: -0.005 min
Response: 2093551
Conc: 16.35 ug/ml

Instrument :
FID_C
ClientSampleId :

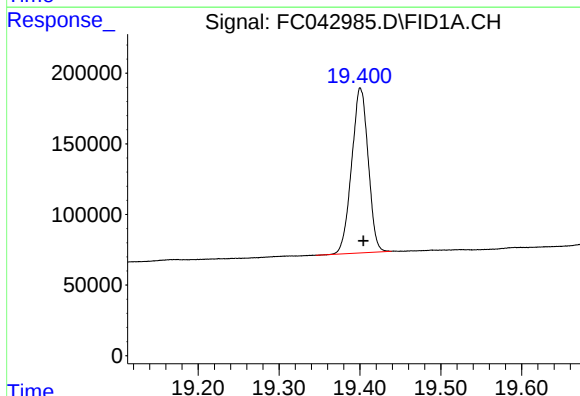
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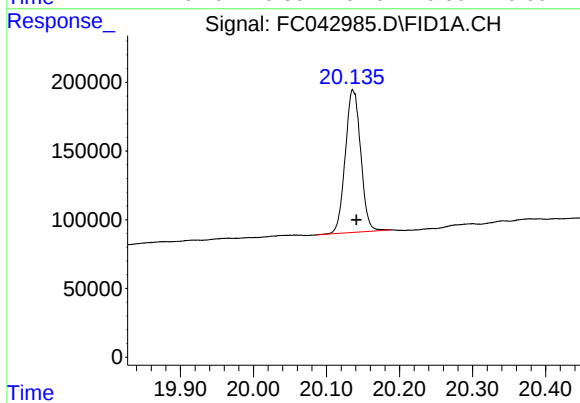
#18 n-Dotriacontane (C32)

R.T.: 18.620 min
Delta R.T.: -0.005 min
Response: 1940462
Conc: 16.64 ug/ml



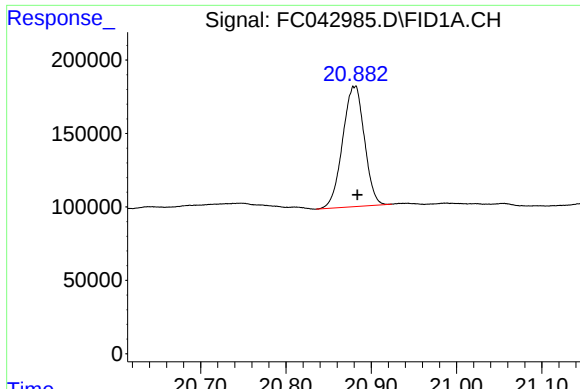
#19 n-Tetratriacontane (C34)

R.T.: 19.401 min
Delta R.T.: -0.003 min
Response: 1655682
Conc: 17.23 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.136 min
Delta R.T.: -0.005 min
Response: 1516394
Conc: 18.28 ug/ml



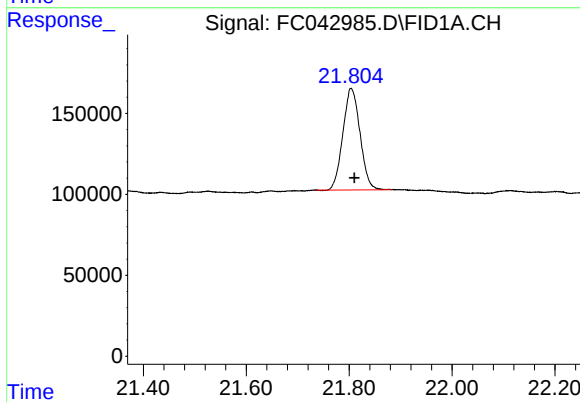
#21 n-Octatriacontane (C38)

R.T.: 20.882 min
Delta R.T.: -0.002 min
Response: 1452565
Conc: 19.63 ug/ml m

Instrument :
FID_C
ClientSampleId :

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#22 n-Tetracontane (C40)

R.T.: 21.804 min
Delta R.T.: -0.007 min
Response: 1452879
Conc: 20.11 ug/ml