

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC091820AL\
 Data File : FC049648.D
 Signal(s) : FID1A.CH
 Acq On : 18 Sep 2020 23:49
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 19 03:04:41 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)	11.665	2026072	17.634 ug/ml
Spiked Amount 50.000		Recovery =	35.27%
12) S 1-chlorooctadecane (S...	13.097	1551969	17.424 ug/ml
Spiked Amount 50.000		Recovery =	34.85%
Target Compounds			
1) T n-Nonane (C9)	3.400	2046929	19.786 ug/ml
2) T n-Decane (C10)	4.473	2064840	19.880 ug/ml
3) T A~Naphthalene (C11.7)	6.071	2238879	19.472 ug/ml
4) T n-Dodecane (C12)	6.498	2067296	19.557 ug/ml
5) T A~2-methylnaphthalene...	7.130	2227893	19.055 ug/ml
6) T n-Tetradecane (C14)	8.296	2012793	19.079 ug/ml
7) T n-Hexadecane (C16)	9.898	1922342	18.472 ug/ml
8) T n-Octadecane (C18)	11.342	1943363	18.083 ug/ml
10) T n-Eicosane (C20)	12.651	1902136	17.764 ug/ml
11) T n-Heneicosane (C21)	13.264	1865160	17.527 ug/ml
13) T n-Docosane (C22)	13.849	1842724	17.413 ug/ml
14) T n-Tetracosane (C24)	14.952	1805894	17.258 ug/ml
15) T n-Hexacosane (C26)	15.973	1777510	17.388 ug/ml
16) T n-Octacosane (C28)	16.921	1787450	17.786 ug/ml
17) T n-Tricontane (C30)	17.808	1801141	18.499 ug/ml
18) T n-Dotriacontane (C32)	18.640	1740513	19.262 ug/ml
19) T n-Tetratriacontane (C34)	19.422	1674894	19.566 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1615233	20.049 ug/ml
21) T n-Octatriacontane (C38)	20.912	1566391	20.691 ug/ml
22) T n-Tetracontane (C40)	21.857	1581178	20.321 ug/ml

(f)=RT Delta > 1/2 Window

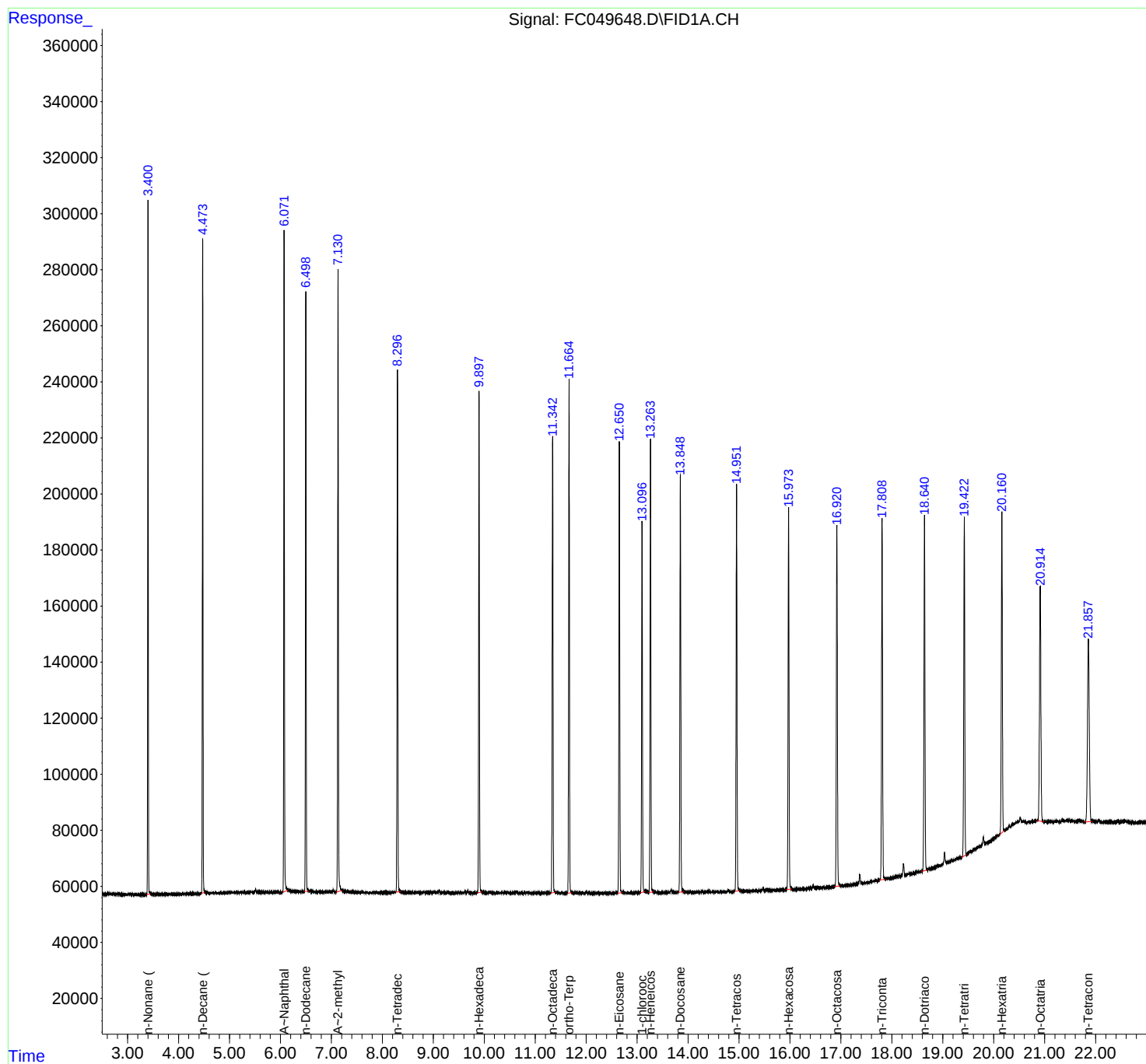
(m)=manual int.

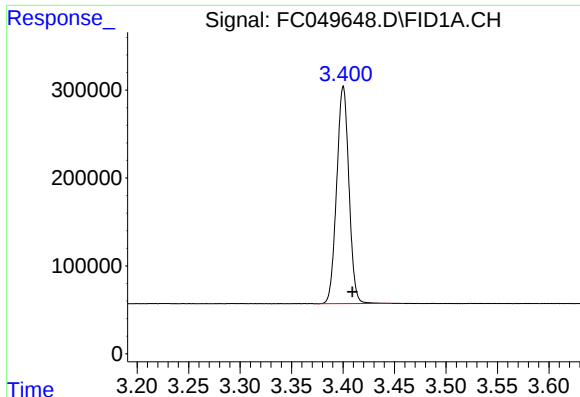
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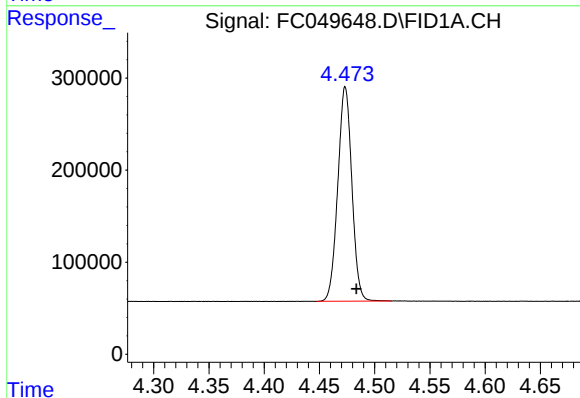




#1 n-Nonane (C9)

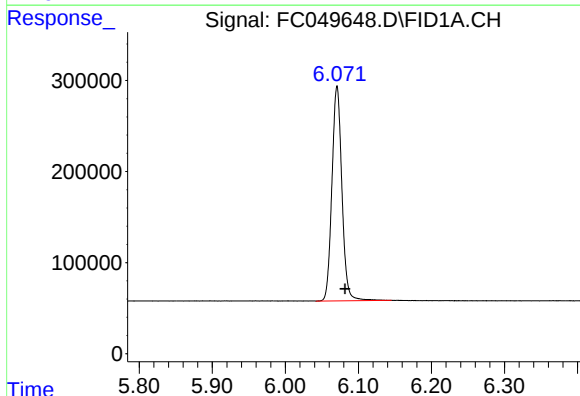
R.T.: 3.400 min
Delta R.T.: -0.009 min
Response: 2046929
Conc: 19.79 ug/ml

Instrument :
FID_C
ClientSampleId :



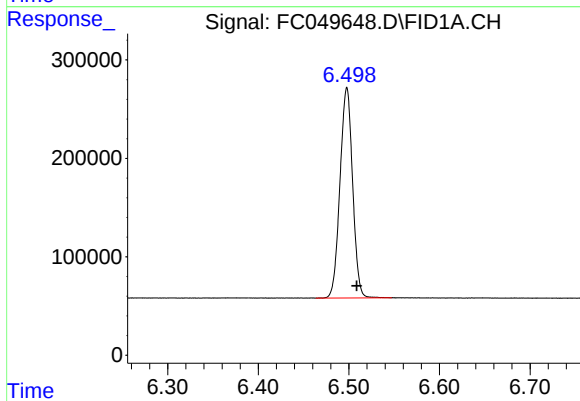
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.010 min
Response: 2064840
Conc: 19.88 ug/ml



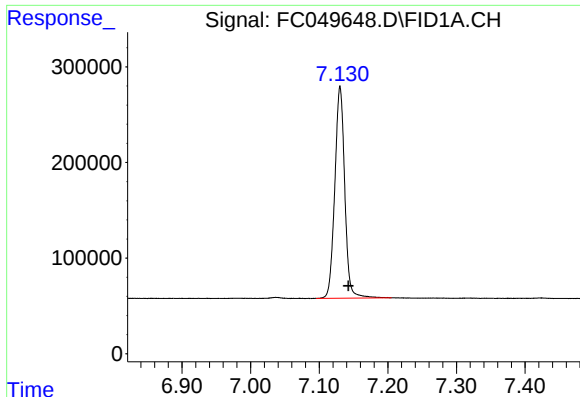
#3 A~Naphthalene (C11.7)

R.T.: 6.071 min
Delta R.T.: -0.011 min
Response: 2238879
Conc: 19.47 ug/ml



#4 n-Dodecane (C12)

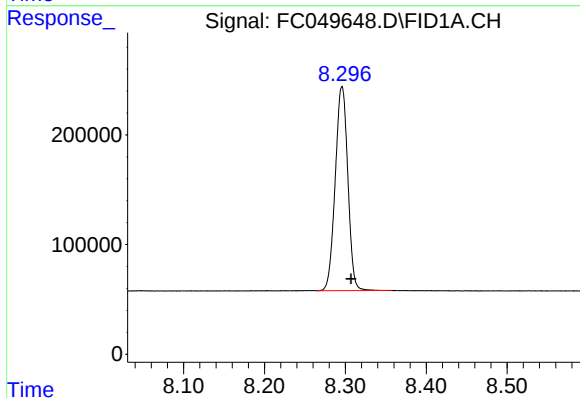
R.T.: 6.498 min
Delta R.T.: -0.011 min
Response: 2067296
Conc: 19.56 ug/ml



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

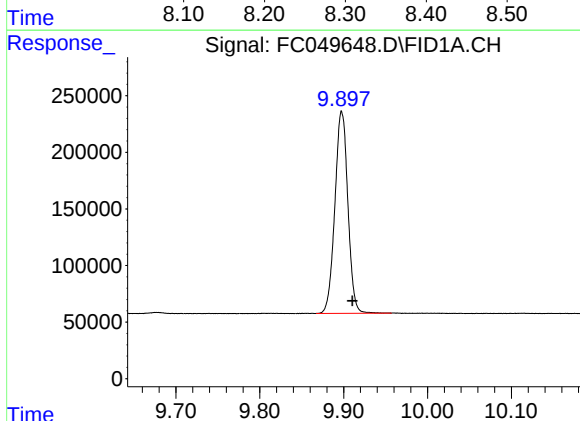
R.T.: 7.130 min
Delta R.T.: -0.012 min
Response: 2227893
Conc: 19.06 ug/ml

Instrument :
FID_C
ClientSampleId :



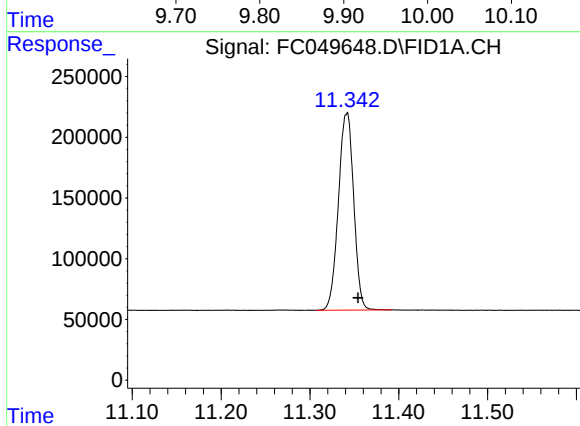
#6 n-Tetradecane (C14)

R.T.: 8.296 min
Delta R.T.: -0.011 min
Response: 2012793
Conc: 19.08 ug/ml



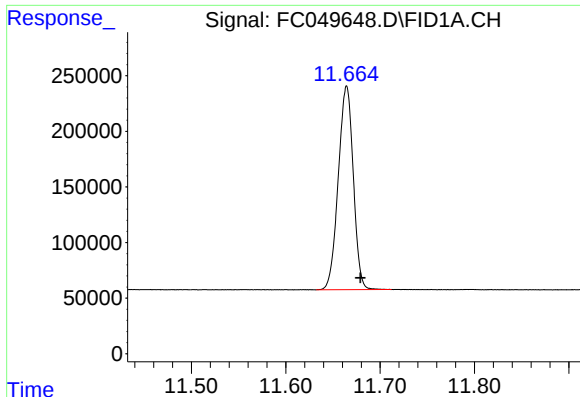
#7 n-Hexadecane (C16)

R.T.: 9.898 min
Delta R.T.: -0.012 min
Response: 1922342
Conc: 18.47 ug/ml



#8 n-Octadecane (C18)

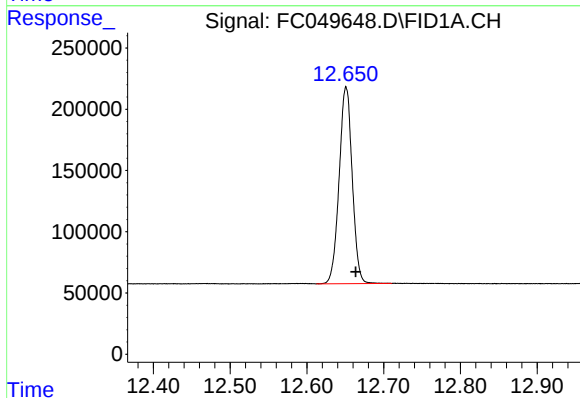
R.T.: 11.342 min
Delta R.T.: -0.013 min
Response: 1943363
Conc: 18.08 ug/ml



#9 ortho-Terphenyl (SURR)

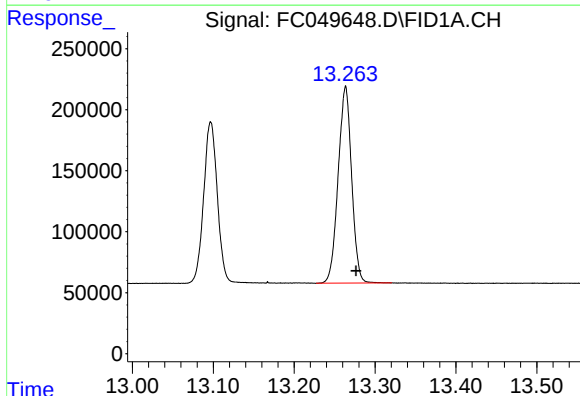
R.T.: 11.665 min
Delta R.T.: -0.015 min
Response: 2026072
Conc: 17.63 ug/ml

Instrument :
FID_C
ClientSampleId :



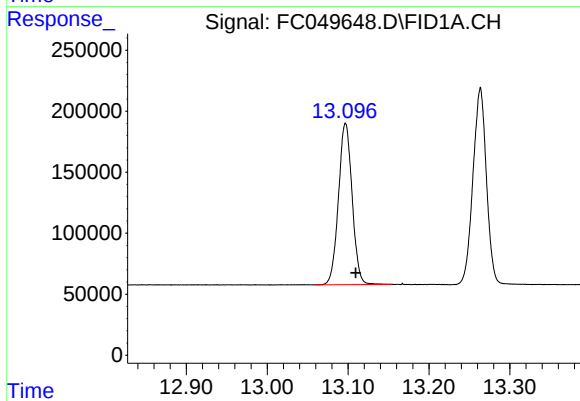
#10 n-Eicosane (C20)

R.T.: 12.651 min
Delta R.T.: -0.013 min
Response: 1902136
Conc: 17.76 ug/ml



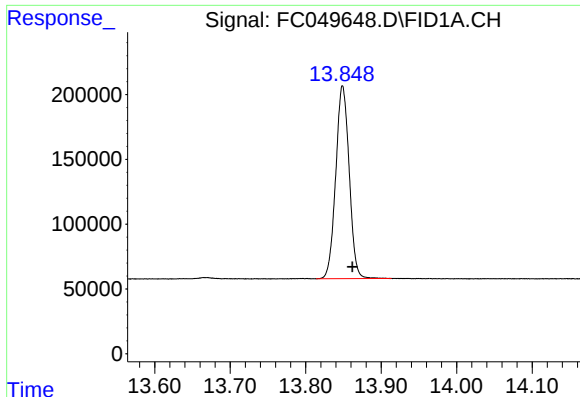
#11 n-Heneicosane (C21)

R.T.: 13.264 min
Delta R.T.: -0.013 min
Response: 1865160
Conc: 17.53 ug/ml



#12 1-chlorooctadecane (SURR)

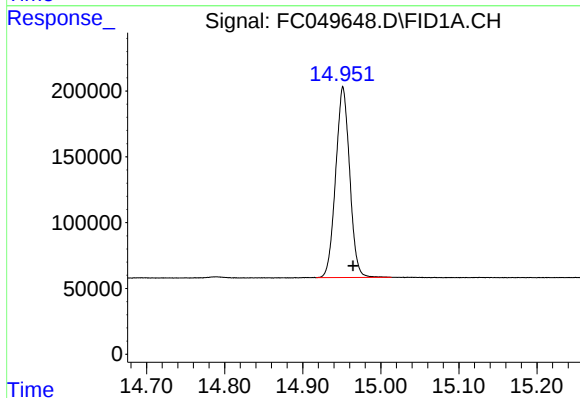
R.T.: 13.097 min
Delta R.T.: -0.012 min
Response: 1551969
Conc: 17.42 ug/ml



#13 n-Docosane (C22)

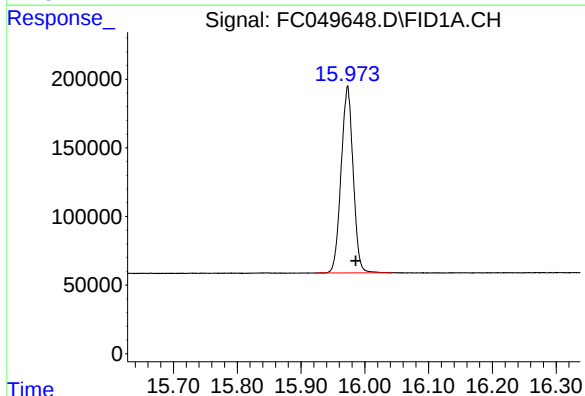
R.T.: 13.849 min
Delta R.T.: -0.013 min
Response: 1842724
Conc: 17.41 ug/ml

Instrument :
FID_C
ClientSampleId :



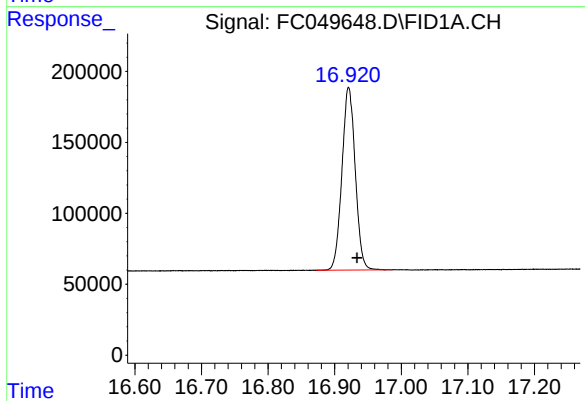
#14 n-Tetracosane (C24)

R.T.: 14.952 min
Delta R.T.: -0.013 min
Response: 1805894
Conc: 17.26 ug/ml



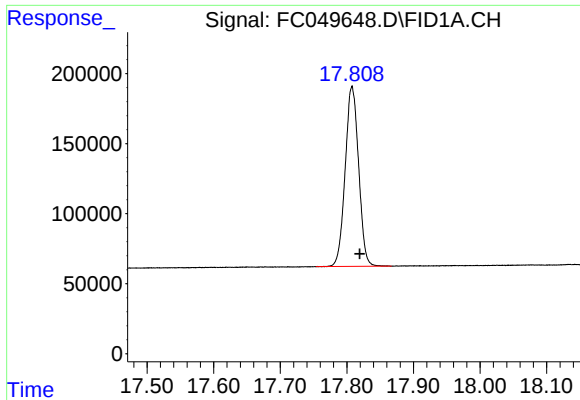
#15 n-Hexacosane (C26)

R.T.: 15.973 min
Delta R.T.: -0.012 min
Response: 1777510
Conc: 17.39 ug/ml



#16 n-Octacosane (C28)

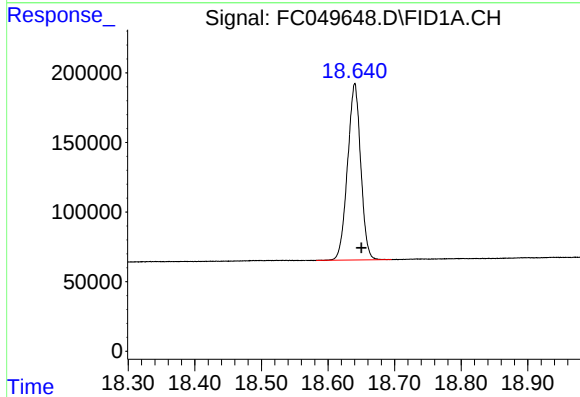
R.T.: 16.921 min
Delta R.T.: -0.012 min
Response: 1787450
Conc: 17.79 ug/ml



#17 n-Tricontane (C30)

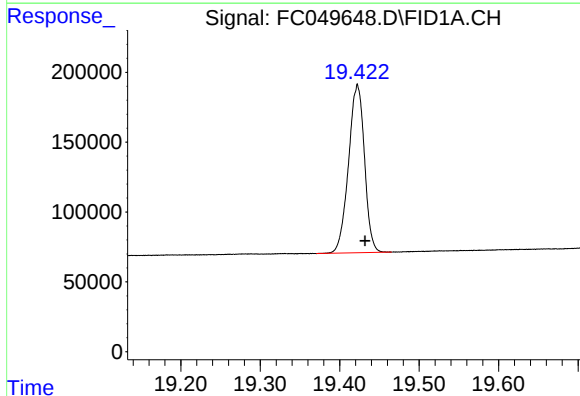
R.T.: 17.808 min
Delta R.T.: -0.012 min
Response: 1801141
Conc: 18.50 ug/ml

Instrument :
FID_C
ClientSampleId :



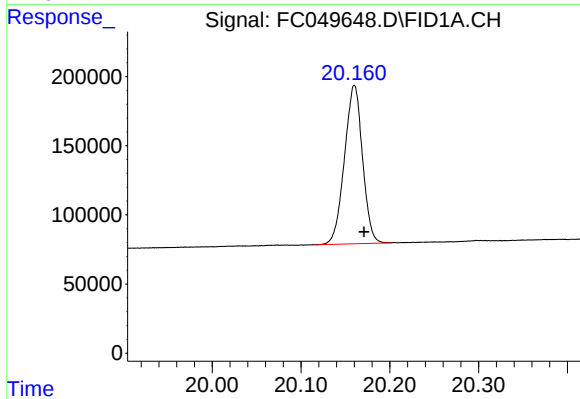
#18 n-Dotriacontane (C32)

R.T.: 18.640 min
Delta R.T.: -0.010 min
Response: 1740513
Conc: 19.26 ug/ml



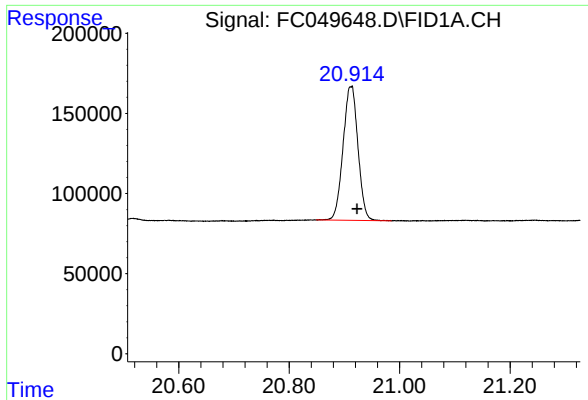
#19 n-Tetratriacontane (C34)

R.T.: 19.422 min
Delta R.T.: -0.010 min
Response: 1674894
Conc: 19.57 ug/ml



#20 n-Hexatriacontane (C36)

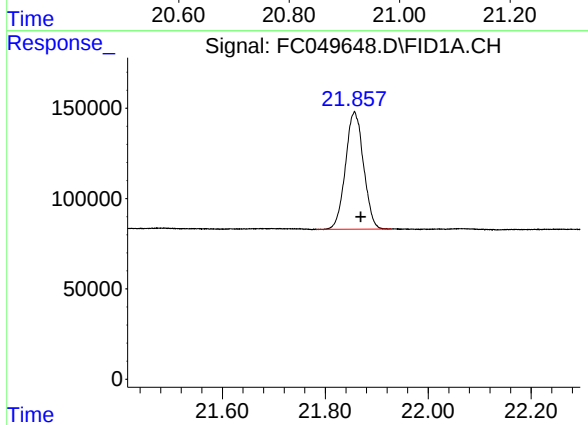
R.T.: 20.160 min
Delta R.T.: -0.011 min
Response: 1615233
Conc: 20.05 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.912 min
Delta R.T.: -0.011 min
Response: 1566391
Conc: 20.69 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.857 min
Delta R.T.: -0.012 min
Response: 1581178
Conc: 20.32 ug/ml