

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC080720AL\
 Data File : FC048909.D
 Signal(s) : FID1A.CH
 Acq On : 07 Aug 2020 20:25
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Integration File: autoint1.e
 Quant Time: Aug 08 02:40:01 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)	11.674	2307497	19.421 ug/ml
Spiked Amount 50.000		Recovery =	38.84%
12) S 1-chlorooctadecane (S...	13.106	1887519	19.403 ug/ml
Spiked Amount 50.000		Recovery =	38.81%
Target Compounds			
1) T n-Nonane (C9)	3.410	2030083	19.464 ug/ml
2) T n-Decane (C10)	4.484	2040425	19.453 ug/ml
3) T A~Naphthalene (C11.7)	6.080	2298810	19.438 ug/ml
4) T n-Dodecane (C12)	6.509	2061231	19.434 ug/ml
5) T A~2-methylnaphthalene...	7.139	2345349	19.452 ug/ml
6) T n-Tetradecane (C14)	8.306	2050904	19.475 ug/ml
7) T n-Hexadecane (C16)	9.908	2039489	19.430 ug/ml
8) T n-Octadecane (C18)	11.351	2135454	19.438 ug/ml
10) T n-Eicosane (C20)	12.661	2162276	19.431 ug/ml
11) T n-Heneicosane (C21)	13.272	2168710	19.414 ug/ml
13) T n-Docosane (C22)	13.859	2182236	19.415 ug/ml
14) T n-Tetracosane (C24)	14.961	2207563	19.418 ug/ml
15) T n-Hexacosane (C26)	15.981	2224330	19.440 ug/ml
16) T n-Octacosane (C28)	16.928	2264254	19.462 ug/ml
17) T n-Tricontane (C30)	17.811	2247121	19.439 ug/ml
18) T n-Dotriacontane (C32)	18.643	2100005	19.422 ug/ml
19) T n-Tetratriacontane (C34)	19.424	2018514	19.462 ug/ml
20) T n-Hexatriacontane (C36)	20.160	1940419	19.516 ug/ml
21) T n-Octatriacontane (C38)	20.913	1846056	19.522 ug/ml
22) T n-Tetracontane (C40)	21.859	1885150	19.747 ug/ml

(f)=RT Delta > 1/2 Window

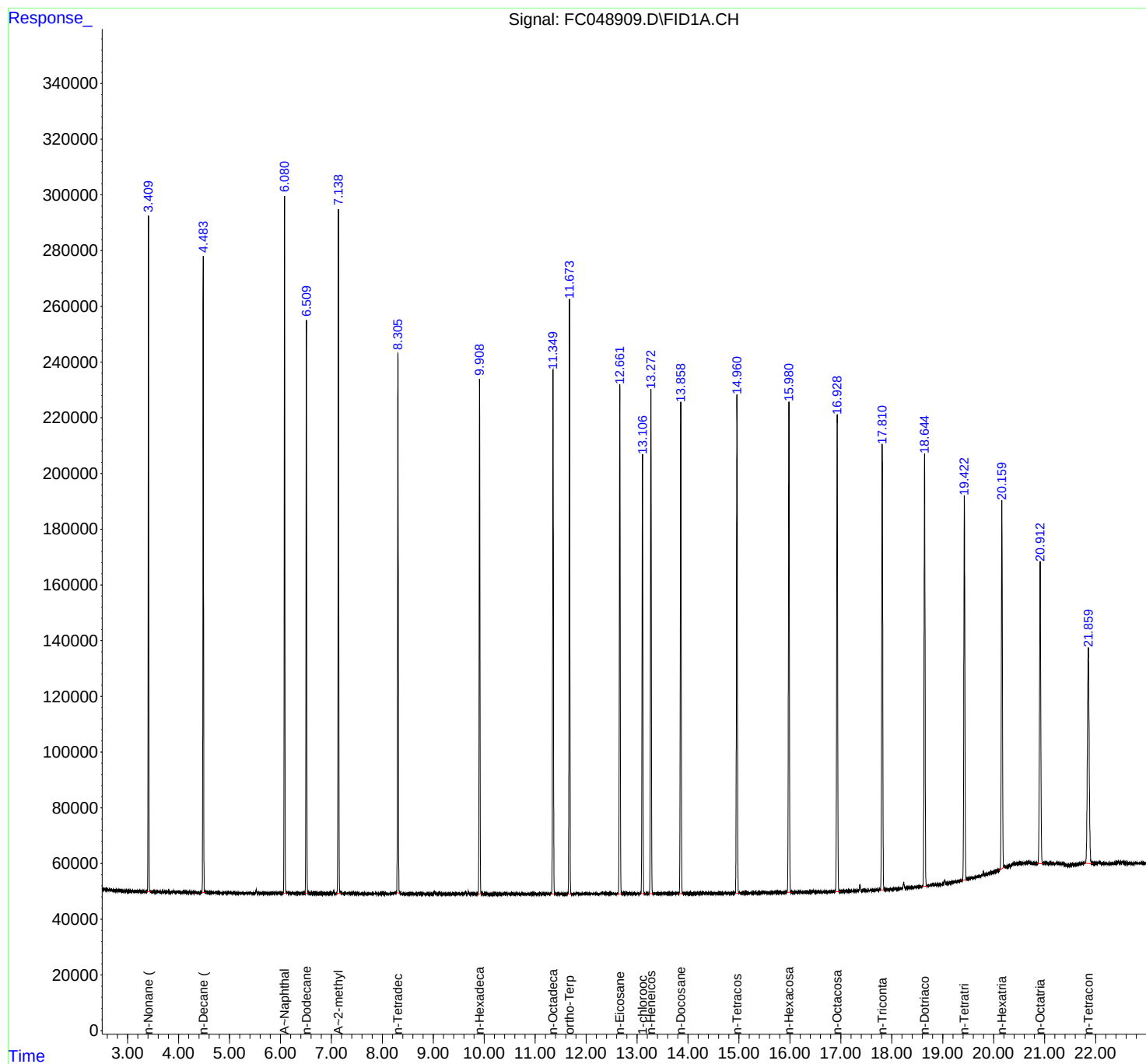
(m)=manual int.

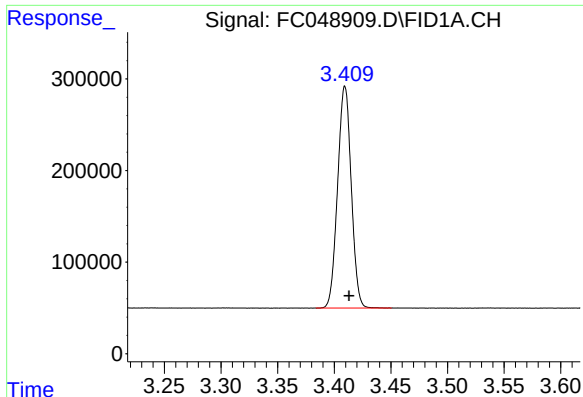
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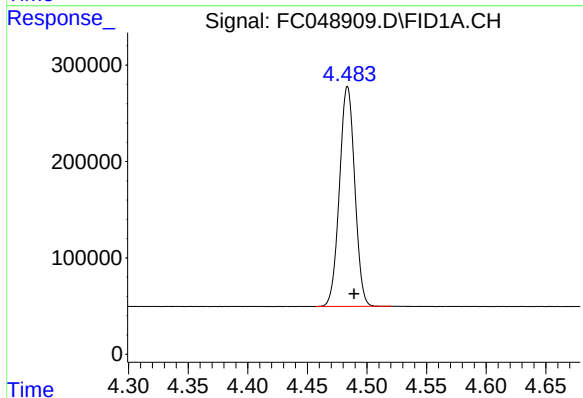




#1 n-Nonane (C9)

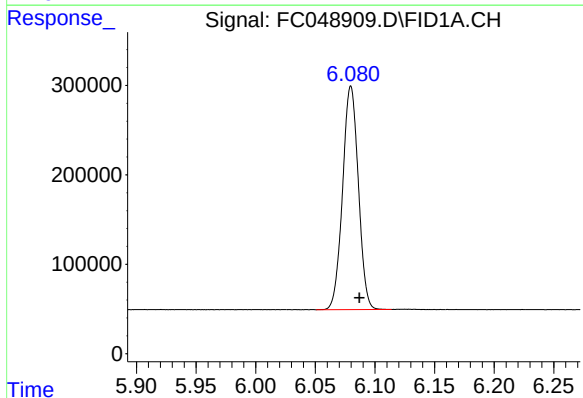
R.T.: 3.410 min
Delta R.T.: -0.003 min
Response: 2030083
Conc: 19.46 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



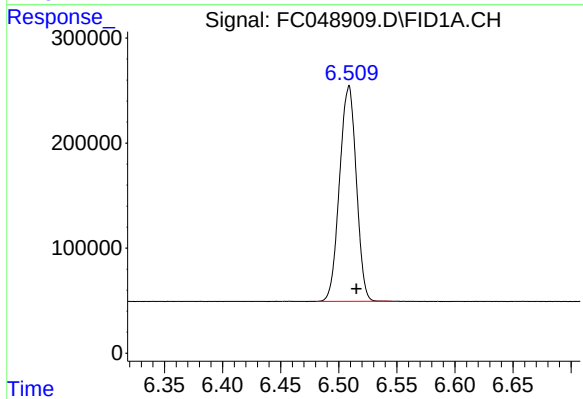
#2 n-Decane (C10)

R.T.: 4.484 min
Delta R.T.: -0.006 min
Response: 2040425
Conc: 19.45 ug/ml



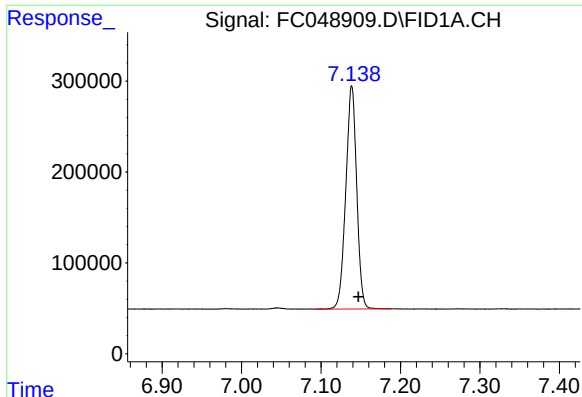
#3 A~Naphthalene (C11.7)

R.T.: 6.080 min
Delta R.T.: -0.007 min
Response: 2298810
Conc: 19.44 ug/ml



#4 n-Dodecane (C12)

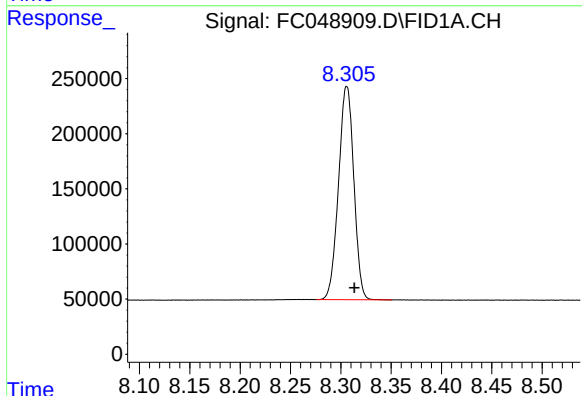
R.T.: 6.509 min
Delta R.T.: -0.007 min
Response: 2061231
Conc: 19.43 ug/ml



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

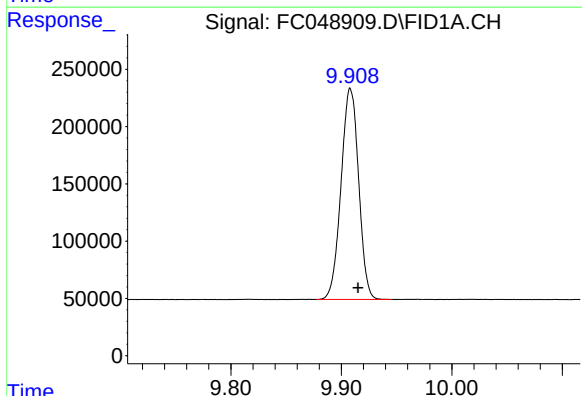
R.T.: 7.139 min
Delta R.T.: -0.009 min
Response: 2345349
Conc: 19.45 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



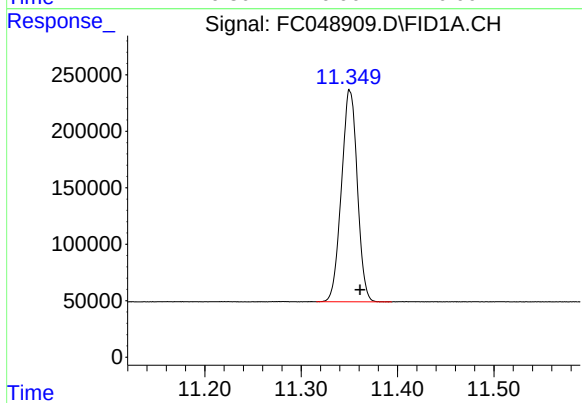
#6 n-Tetradecane (C14)

R.T.: 8.306 min
Delta R.T.: -0.008 min
Response: 2050904
Conc: 19.48 ug/ml



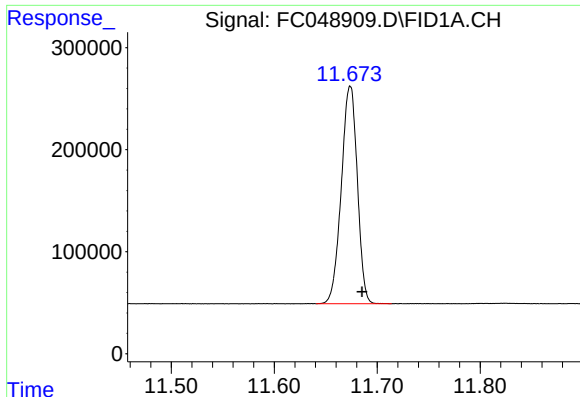
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.007 min
Response: 2039489
Conc: 19.43 ug/ml



#8 n-Octadecane (C18)

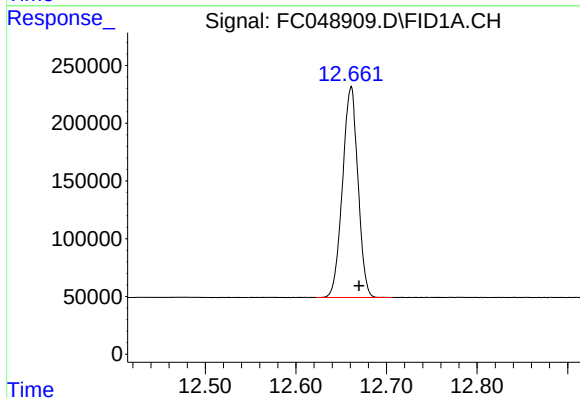
R.T.: 11.351 min
Delta R.T.: -0.010 min
Response: 2135454
Conc: 19.44 ug/ml



#9 ortho-Terphenyl (SURR)

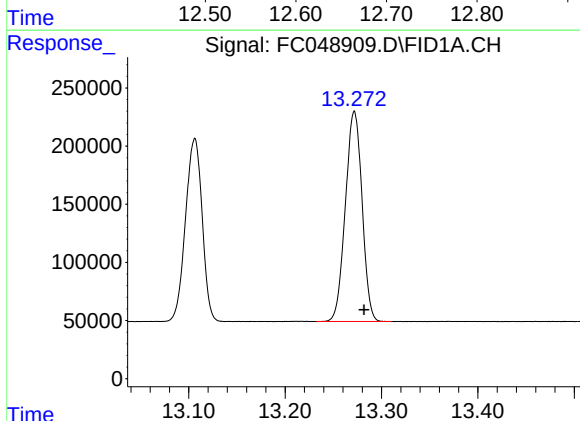
R.T.: 11.674 min
Delta R.T.: -0.012 min
Response: 2307497
Conc: 19.42 ug/ml

Instrument :
FID_C
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20 PPM ALIPHATIC HC STD ICV



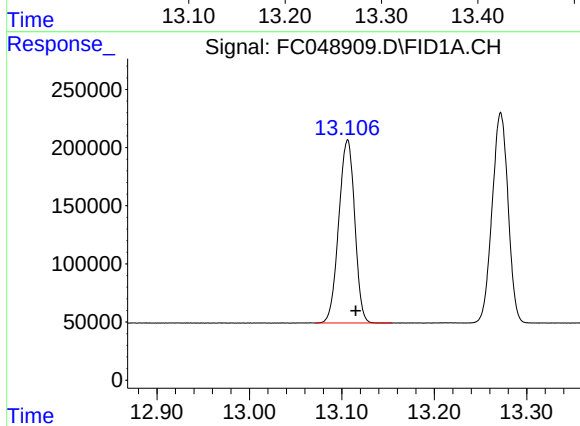
#10 n-Eicosane (C20)

R.T.: 12.661 min
Delta R.T.: -0.009 min
Response: 2162276
Conc: 19.43 ug/ml



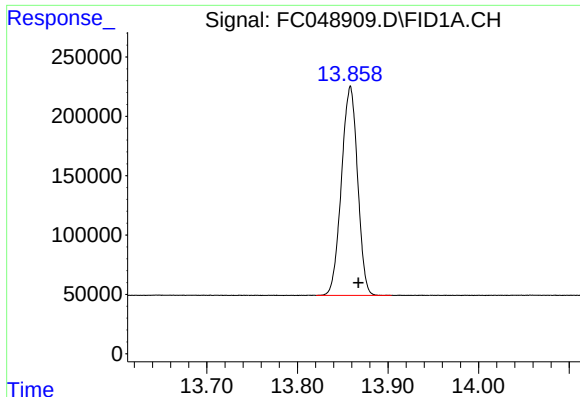
#11 n-Heneicosane (C21)

R.T.: 13.272 min
Delta R.T.: -0.010 min
Response: 2168710
Conc: 19.41 ug/ml



#12 1-chlorooctadecane (SURR)

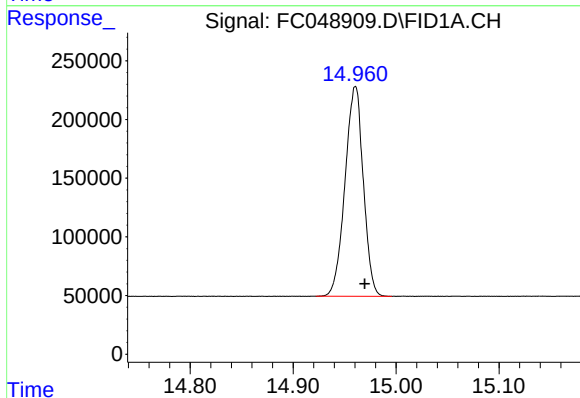
R.T.: 13.106 min
Delta R.T.: -0.009 min
Response: 1887519
Conc: 19.40 ug/ml



#13 n-Docosane (C22)

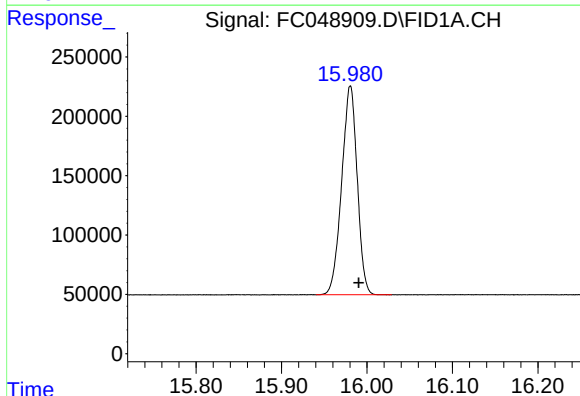
R.T.: 13.859 min
Delta R.T.: -0.009 min
Response: 2182236
Conc: 19.41 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD ICV



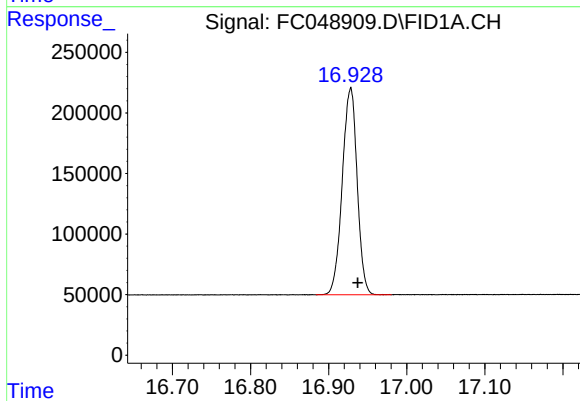
#14 n-Tetracosane (C24)

R.T.: 14.961 min
Delta R.T.: -0.009 min
Response: 2207563
Conc: 19.42 ug/ml



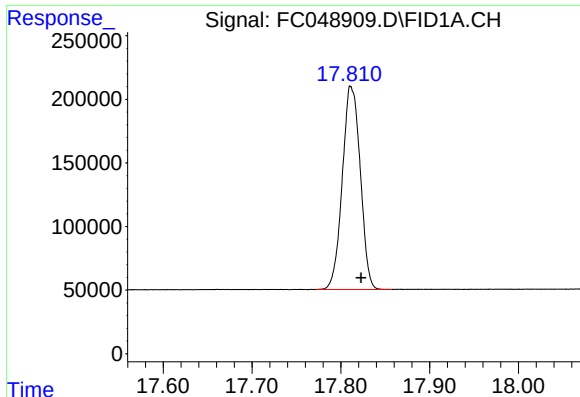
#15 n-Hexacosane (C26)

R.T.: 15.981 min
Delta R.T.: -0.010 min
Response: 2224330
Conc: 19.44 ug/ml



#16 n-Octacosane (C28)

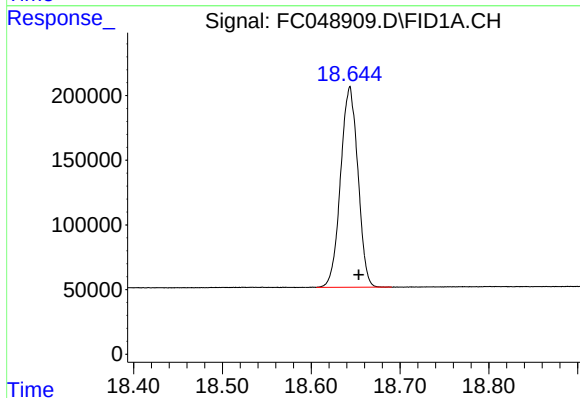
R.T.: 16.928 min
Delta R.T.: -0.009 min
Response: 2264254
Conc: 19.46 ug/ml



#17 n-Tricontane (C30)

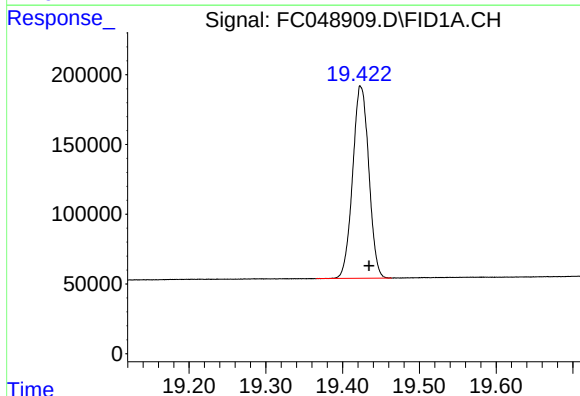
R.T.: 17.811 min
Delta R.T.: -0.011 min
Response: 2247121
Conc: 19.44 ug/ml

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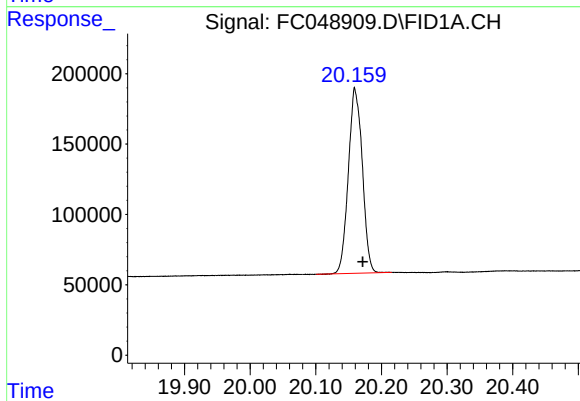
#18 n-Dotriacontane (C32)

R.T.: 18.643 min
Delta R.T.: -0.010 min
Response: 2100005
Conc: 19.42 ug/ml



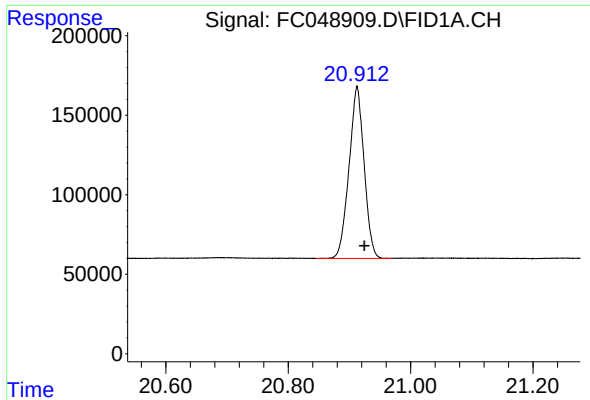
#19 n-Tetratriacontane (C34)

R.T.: 19.424 min
Delta R.T.: -0.011 min
Response: 2018514
Conc: 19.46 ug/ml



#20 n-Hexatriacontane (C36)

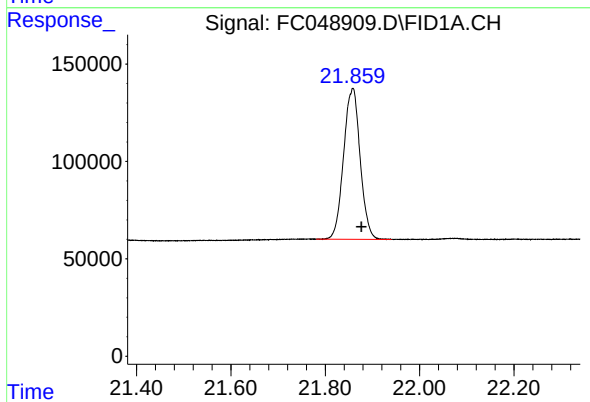
R.T.: 20.160 min
Delta R.T.: -0.012 min
Response: 1940419
Conc: 19.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.913 min
Delta R.T.: -0.012 min
Response: 1846056
Conc: 19.52 ug/ml

Instrument :
FID_C
ClientSampleId :
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#22 n-Tetracontane (C40)

R.T.: 21.859 min
Delta R.T.: -0.018 min
Response: 1885150
Conc: 19.75 ug/ml