

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC120320AL\
 Data File : FC051142.D
 Signal(s) : FID1A.CH
 Acq On : 04 Dec 2020 20:19
 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

Integration File: autoint1.e
 Quant Time: Dec 04 22:05:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 112720.M
 Quant Title : GC Extractables
 QLast Update : Mon Nov 30 10:42:25 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)	11.592	2414723	19.625 ug/ml
Spiked Amount 50.000		Recovery =	39.25%
12) S 1-chlorooctadecane (S...	13.025	1862375	19.091 ug/ml
Spiked Amount 50.000		Recovery =	38.18%
Target Compounds			
1) T n-Nonane (C9)	3.345	2365641	22.229 ug/ml
2) T n-Decane (C10)	4.414	2388963	22.493 ug/ml
3) T A-Naphthalene (C11.7)	6.007	2488302	22.133 ug/ml
4) T n-Dodecane (C12)	6.433	2425661	22.293 ug/ml
5) T A~2-methylnaphthalene...	7.064	2488427	22.019 ug/ml
6) T n-Tetradecane (C14)	8.228	2388231	22.072 ug/ml
7) T n-Hexadecane (C16)	9.830	2305608	21.485 ug/ml
8) T n-Octadecane (C18)	11.271	2346462	20.573 ug/ml
10) T n-Eicosane (C20)	12.580	2285392	19.673 ug/ml
11) T n-Heneicosane (C21)	13.192	2235896	19.298 ug/ml
13) T n-Docosane (C22)	13.778	2231417	19.266 ug/ml
14) T n-Tetracosane (C24)	14.880	2166963	18.842 ug/ml
15) T n-Hexacosane (C26)	15.900	2136636	18.976 ug/ml
16) T n-Octacosane (C28)	16.848	2135817	19.289 ug/ml
17) T n-Tricontane (C30)	17.735	2139049	20.137 ug/ml
18) T n-Dotriacontane (C32)	18.566	2022476	20.699 ug/ml
19) T n-Tetratriacontane (C34)	19.348	1902634	21.318 ug/ml
20) T n-Hexatriacontane (C36)	20.088	1829633	21.937 ug/ml
21) T n-Octatriacontane (C38)	20.826	1722651	22.121 ug/ml
22) T n-Tetracontane (C40)	21.747	1712278	20.680 ug/ml

(f)=RT Delta > 1/2 Window

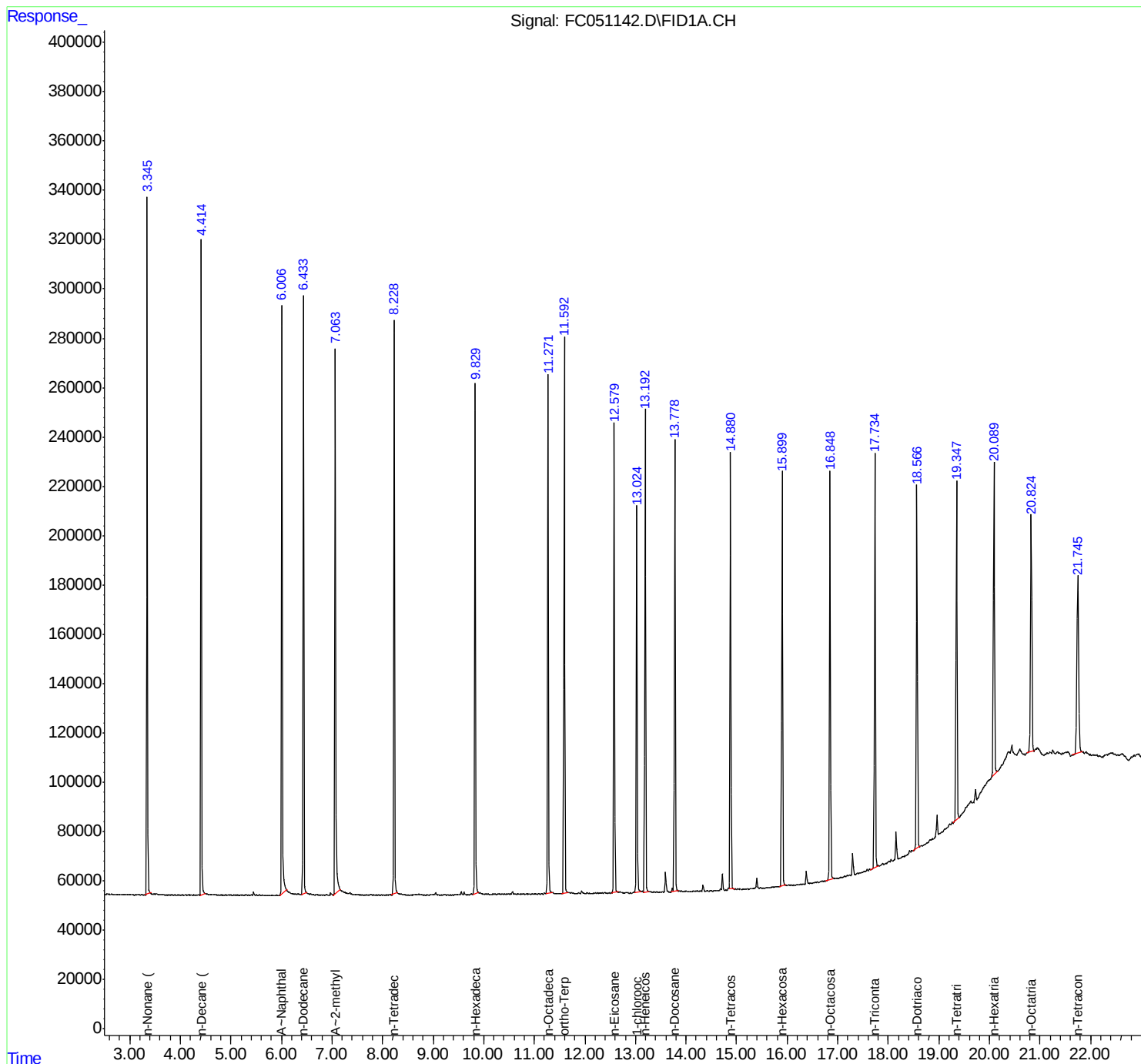
(m)=manual int.

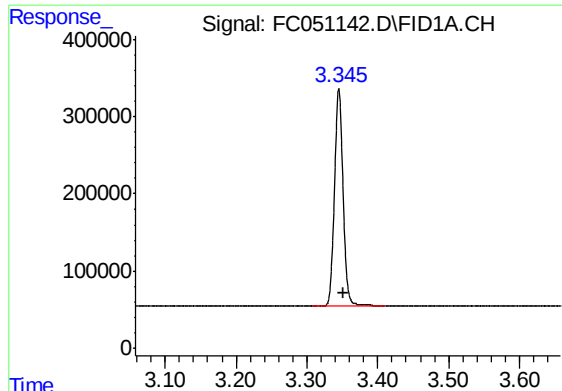
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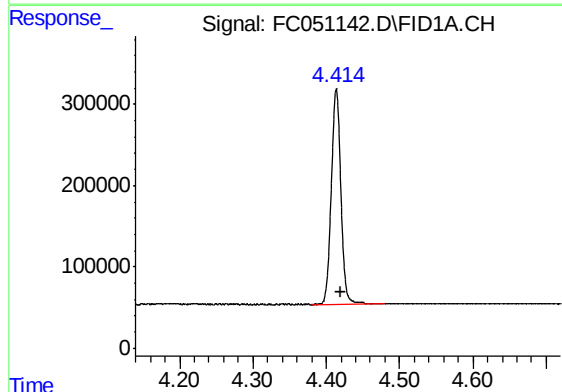




#1 n-Nonane (C9)

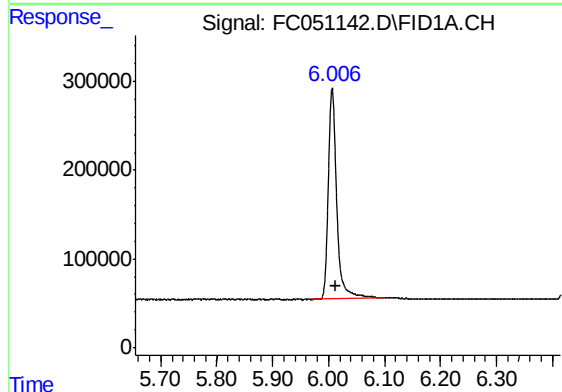
R.T.: 3.345 min
Delta R.T.: -0.007 min
Response: 2365641
Conc: 22.23 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



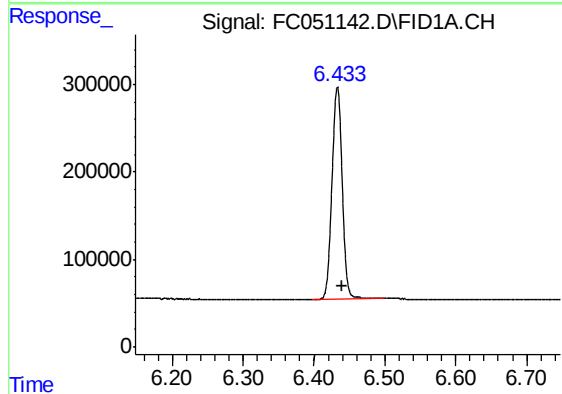
#2 n-Decane (C10)

R.T.: 4.414 min
Delta R.T.: -0.007 min
Response: 2388963
Conc: 22.49 ug/ml



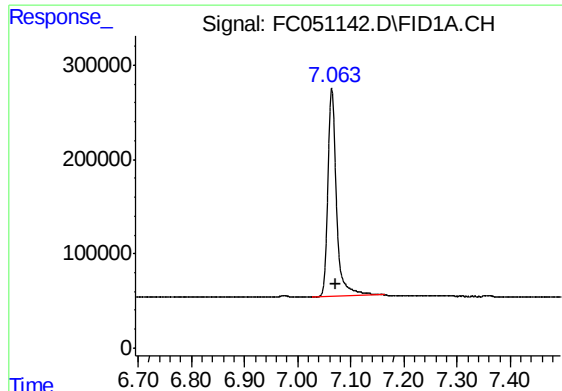
#3 A~Naphthalene (C11.7)

R.T.: 6.007 min
Delta R.T.: -0.007 min
Response: 2488302
Conc: 22.13 ug/ml



#4 n-Dodecane (C12)

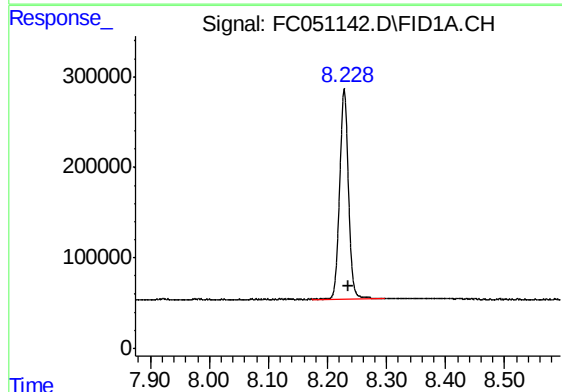
R.T.: 6.433 min
Delta R.T.: -0.007 min
Response: 2425661
Conc: 22.29 ug/ml



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

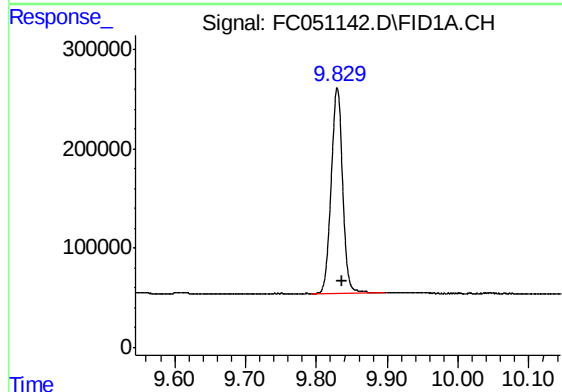
R.T.: 7.064 min
Delta R.T.: -0.007 min
Response: 2488427
Conc: 22.02 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



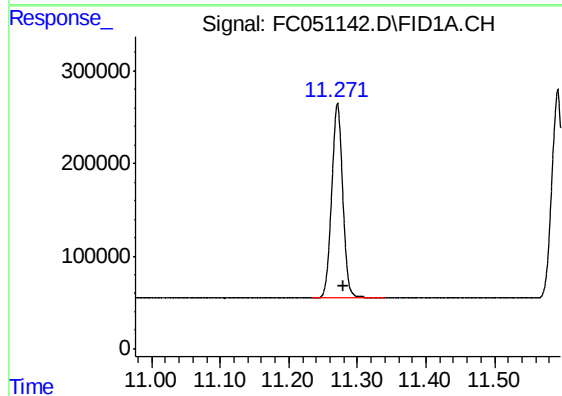
#6 n-Tetradecane (C14)

R.T.: 8.228 min
Delta R.T.: -0.008 min
Response: 2388231
Conc: 22.07 ug/ml



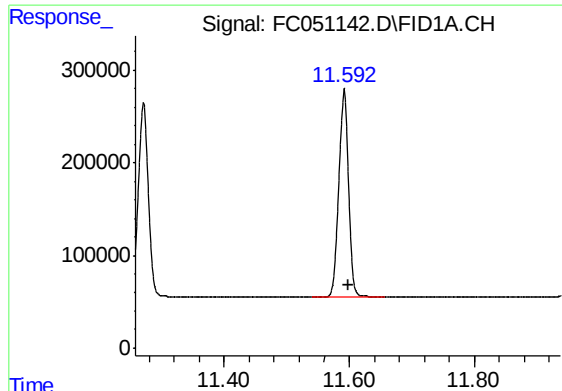
#7 n-Hexadecane (C16)

R.T.: 9.830 min
Delta R.T.: -0.008 min
Response: 2305608
Conc: 21.48 ug/ml



#8 n-Octadecane (C18)

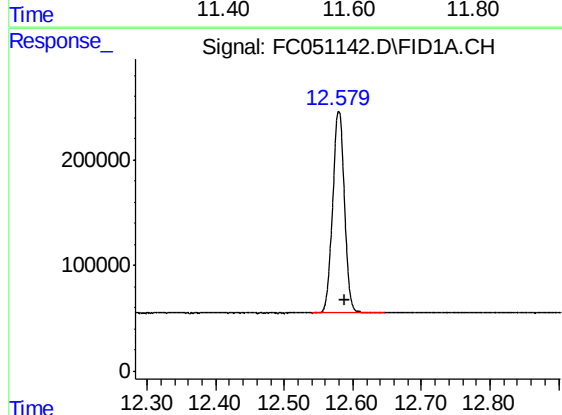
R.T.: 11.271 min
Delta R.T.: -0.008 min
Response: 2346462
Conc: 20.57 ug/ml



#9 ortho-Terphenyl (SURR)

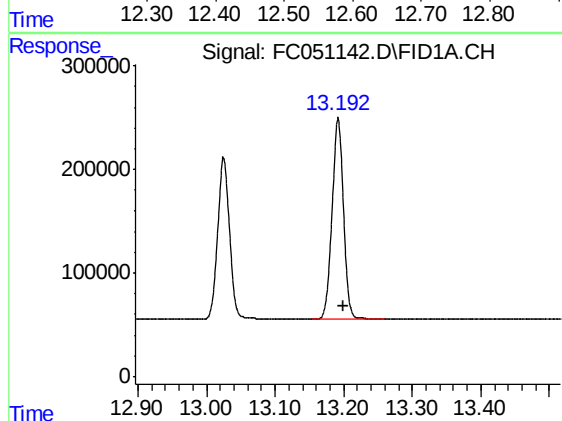
R.T.: 11.592 min
Delta R.T.: -0.008 min
Response: 2414723
Conc: 19.62 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



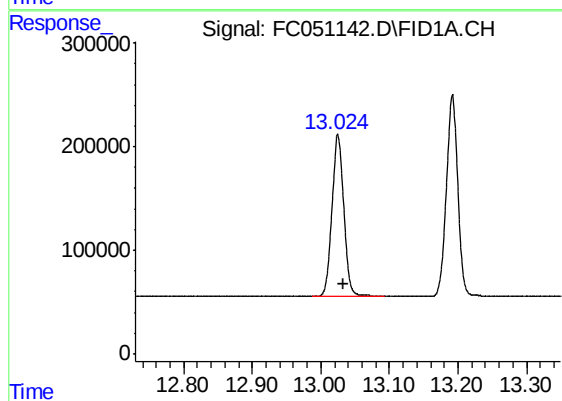
#10 n-Eicosane (C20)

R.T.: 12.580 min
Delta R.T.: -0.009 min
Response: 2285392
Conc: 19.67 ug/ml



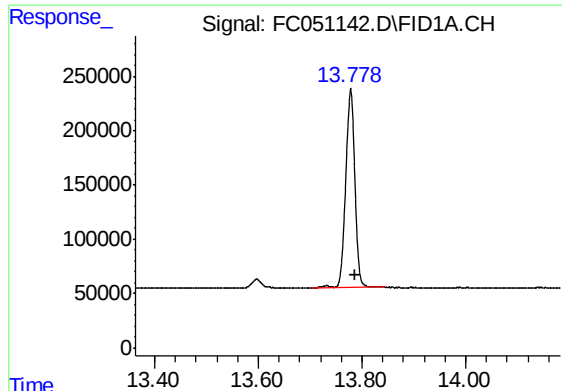
#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.007 min
Response: 2235896
Conc: 19.30 ug/ml



#12 1-chlorooctadecane (SURR)

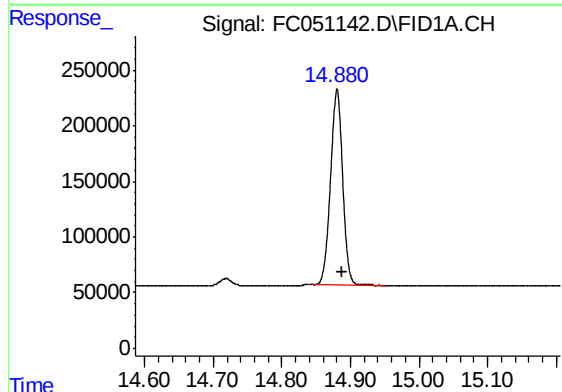
R.T.: 13.025 min
Delta R.T.: -0.008 min
Response: 1862375
Conc: 19.09 ug/ml



#13 n-Docosane (C22)

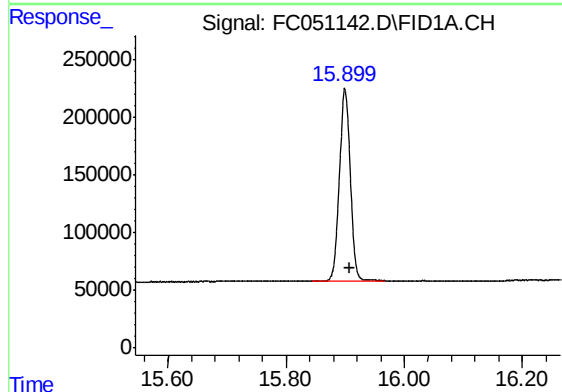
R.T.: 13.778 min
Delta R.T.: -0.007 min
Response: 2231417
Conc: 19.27 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



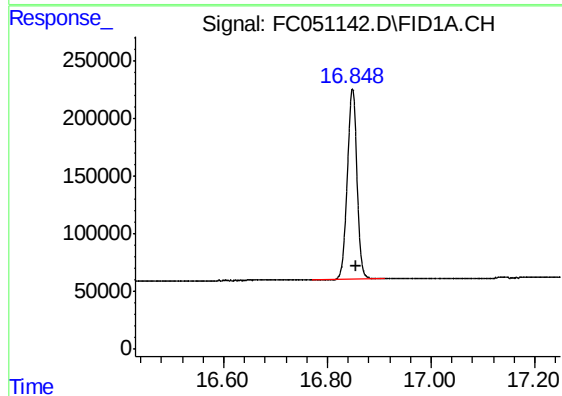
#14 n-Tetracosane (C24)

R.T.: 14.880 min
Delta R.T.: -0.007 min
Response: 2166963
Conc: 18.84 ug/ml



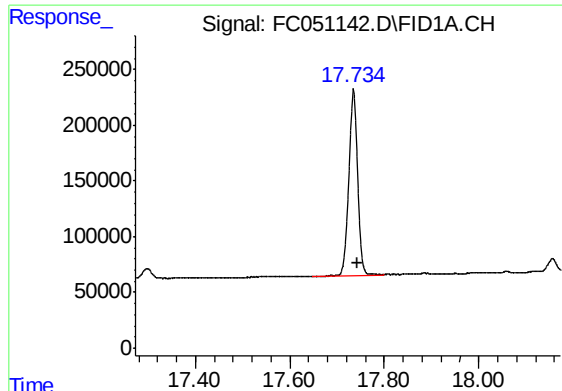
#15 n-Hexacosane (C26)

R.T.: 15.900 min
Delta R.T.: -0.007 min
Response: 2136636
Conc: 18.98 ug/ml



#16 n-Octacosane (C28)

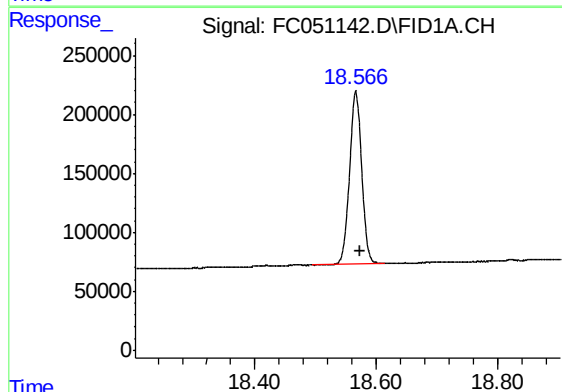
R.T.: 16.848 min
Delta R.T.: -0.008 min
Response: 2135817
Conc: 19.29 ug/ml



#17 n-Tricontane (C30)

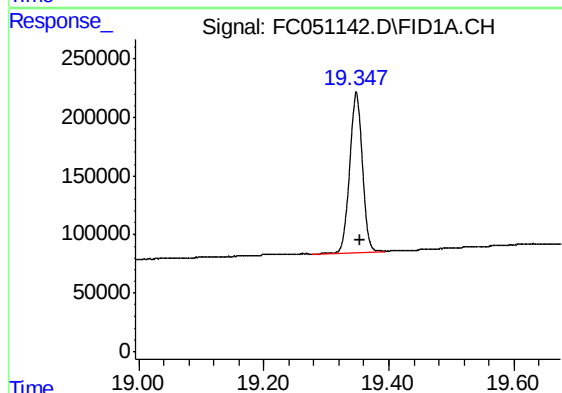
R.T.: 17.735 min
Delta R.T.: -0.007 min
Response: 2139049
Conc: 20.14 ug/ml

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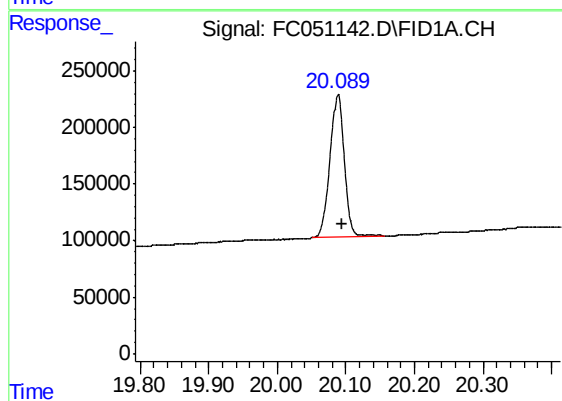
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.007 min
Response: 2022476
Conc: 20.70 ug/ml



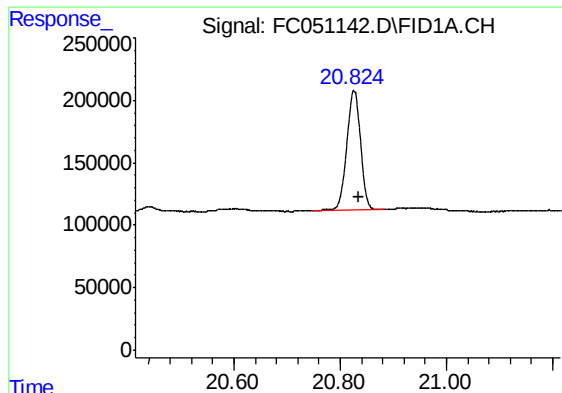
#19 n-Tetatriacontane (C34)

R.T.: 19.348 min
Delta R.T.: -0.006 min
Response: 1902634
Conc: 21.32 ug/ml



#20 n-Hexatriacontane (C36)

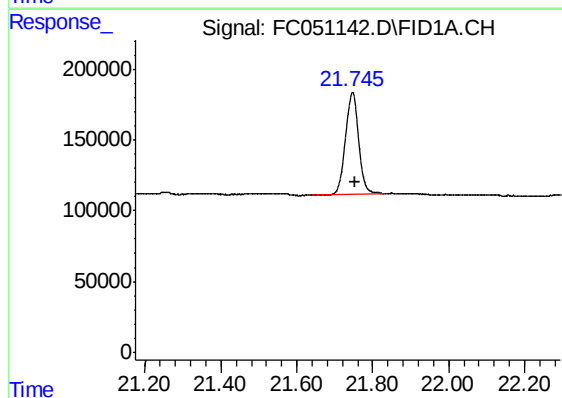
R.T.: 20.088 min
Delta R.T.: -0.006 min
Response: 1829633
Conc: 21.94 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.826 min
Delta R.T.: -0.008 min
Response: 1722651
Conc: 22.12 ug/ml

Instrument :
FID_C
ClientSampleId :
20 PPM ALIPHATIC HC STD



#22 n-Tetracontane (C40)

R.T.: 21.747 min
Delta R.T.: -0.006 min
Response: 1712278
Conc: 20.68 ug/ml