

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032320AL\
 Data File : FC046442.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2020 17:31
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: sample.E
 Quant Time: Mar 24 02:45:34 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032320.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 24 02:36:38 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)	11.757	5678118	49.862 ug/ml
Spiked Amount 50.000		Recovery =	99.72%
12) S 1-chlorooctadecane (S...	13.173	4485714	49.784 ug/ml
Spiked Amount 50.000		Recovery =	99.57%
Target Compounds			
1) T n-Nonane (C9)	3.538	5024971	50.342 ug/ml
2) T n-Decane (C10)	4.607	5048771	50.365 ug/ml
3) T A~Naphthalene (C11.7)	6.204	5511481	52.299 ug/ml
4) T n-Dodecane (C12)	6.615	5120951	50.242 ug/ml
5) T A~2-methylnaphthalene...	7.255	5585959	52.675 ug/ml
6) T n-Tetradecane (C14)	8.398	5147435	50.269 ug/ml
7) T n-Hexadecane (C16)	9.990	5201875	50.110 ug/ml
8) T n-Octadecane (C18)	11.425	5257950	49.680 ug/ml
10) T n-Eicosane (C20)	12.728	5278027	49.570 ug/ml
11) T n-Heneicosane (C21)	13.336	5320871	49.550 ug/ml
13) T n-Docosane (C22)	13.920	5301781	49.517 ug/ml
14) T n-Tetracosane (C24)	15.018	5325830	49.467 ug/ml
15) T n-Hexacosane (C26)	16.034	5278450	49.342 ug/ml
16) T n-Octacosane (C28)	16.979	5198440	49.119 ug/ml
17) T n-Tricontane (C30)	17.862	4975810	49.055 ug/ml
18) T n-Dotriacontane (C32)	18.690	4215033	48.998 ug/ml
19) T n-Tetratriacontane (C34)	19.469	3647828	48.848 ug/ml
20) T n-Hexatriacontane (C36)	20.205	3424621	49.109 ug/ml
21) T n-Octatriacontane (C38)	20.966	3220762	48.660 ug/ml
22) T n-Tetracontane (C40)	21.926	3363221	49.490 ug/ml

(f)=RT Delta > 1/2 Window

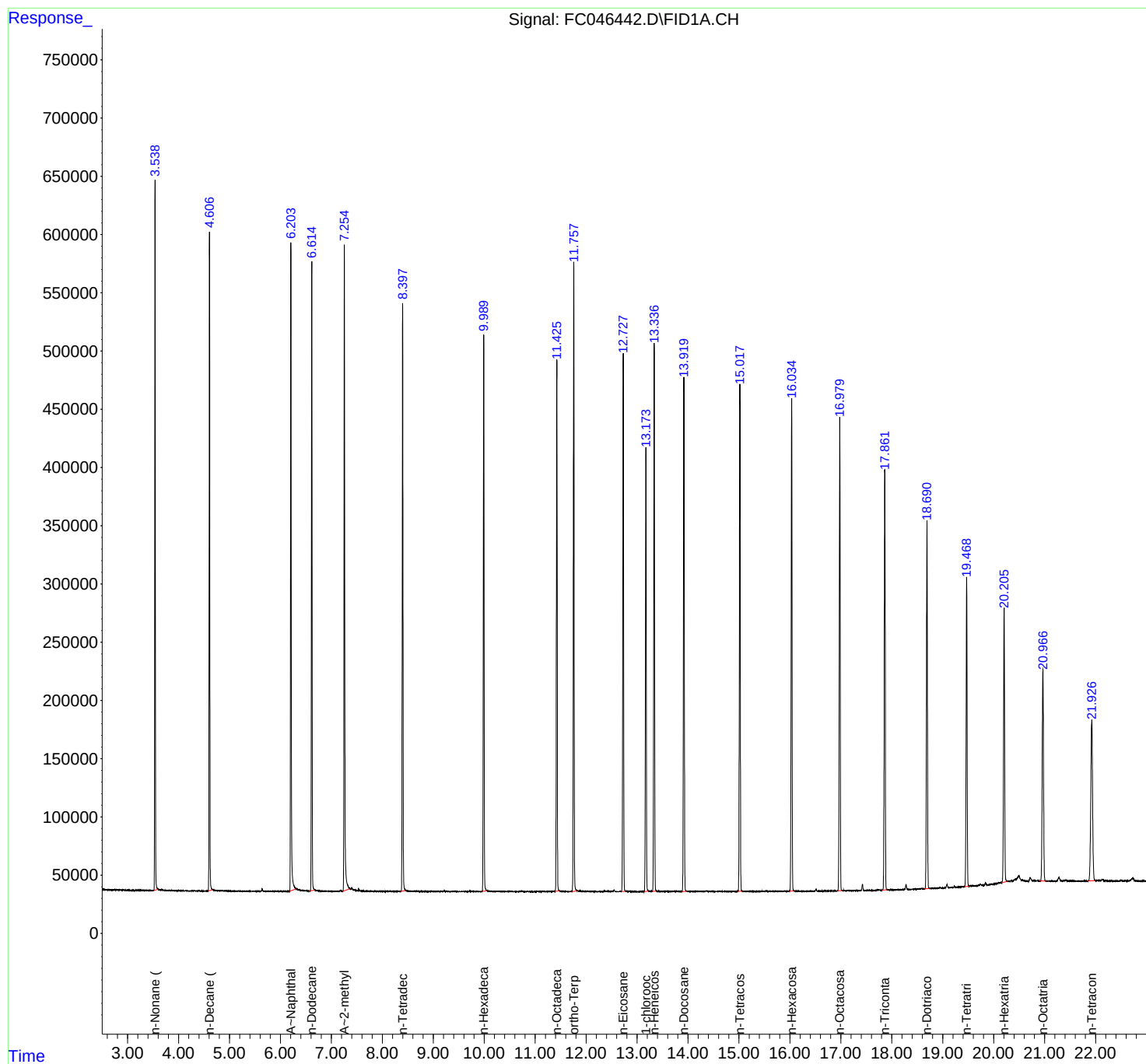
(m)=manual int.

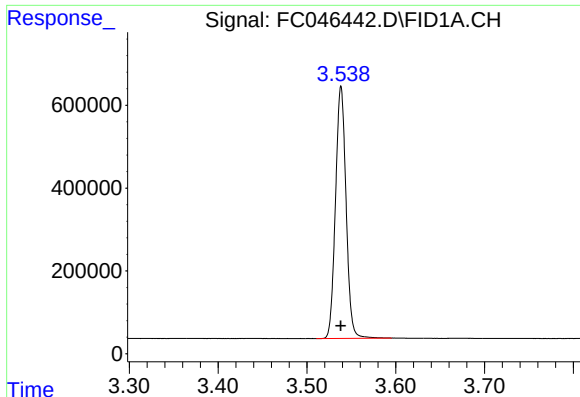
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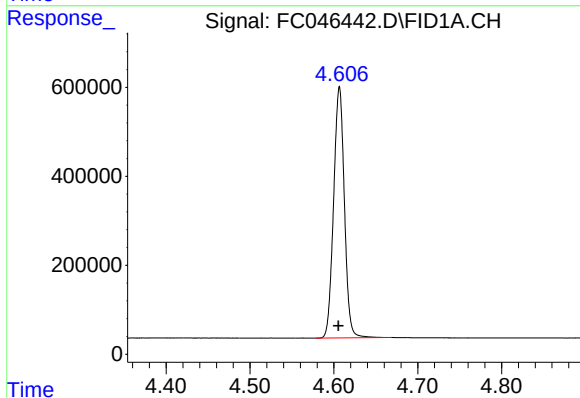




#1 n-Nonane (C9)

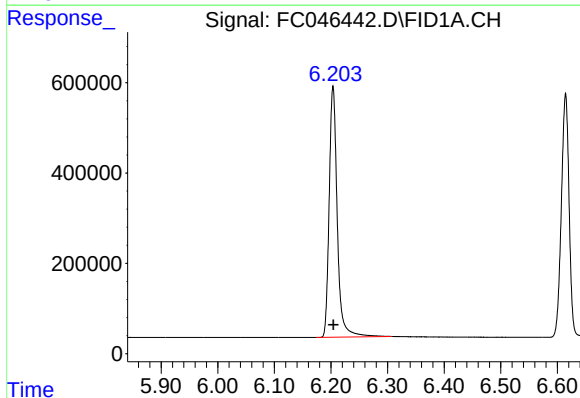
R.T.: 3.538 min
Delta R.T.: 0.000 min
Response: 5024971
Conc: 50.34 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



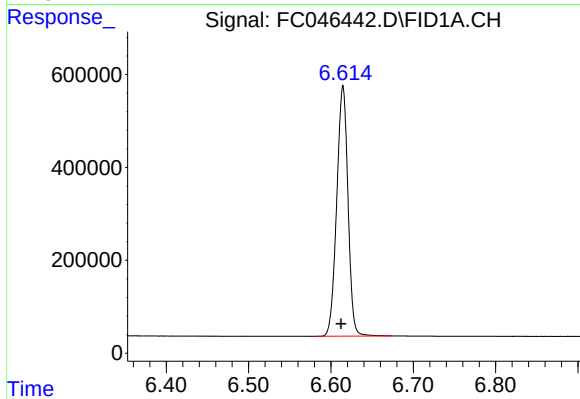
#2 n-Decane (C10)

R.T.: 4.607 min
Delta R.T.: 0.001 min
Response: 5048771
Conc: 50.36 ug/ml



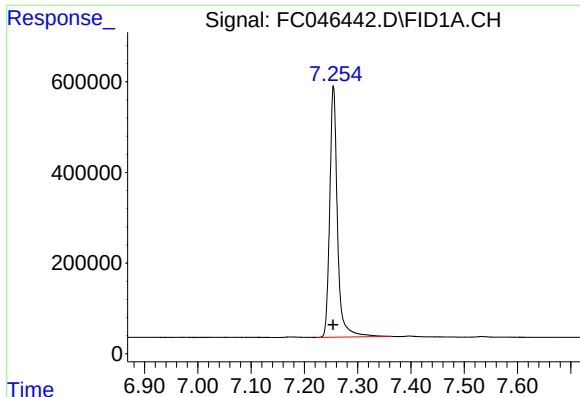
#3 A~Naphthalene (C11.7)

R.T.: 6.204 min
Delta R.T.: 0.000 min
Response: 5511481
Conc: 52.30 ug/ml



#4 n-Dodecane (C12)

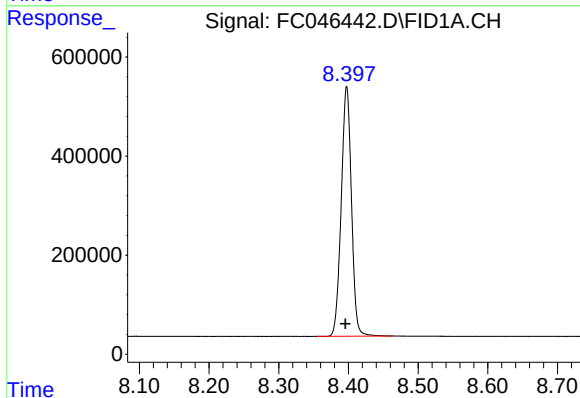
R.T.: 6.615 min
Delta R.T.: 0.002 min
Response: 5120951
Conc: 50.24 ug/ml



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

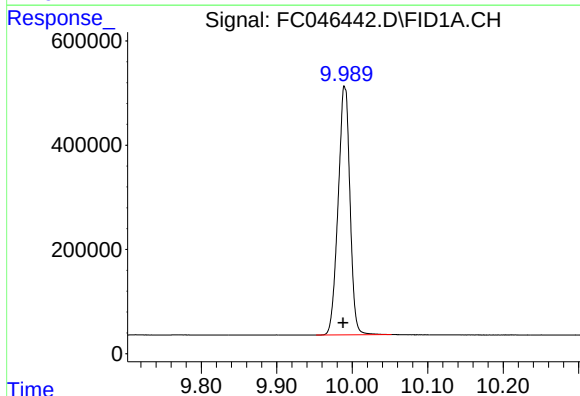
R.T.: 7.255 min
Delta R.T.: 0.000 min
Response: 5585959
Conc: 52.67 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



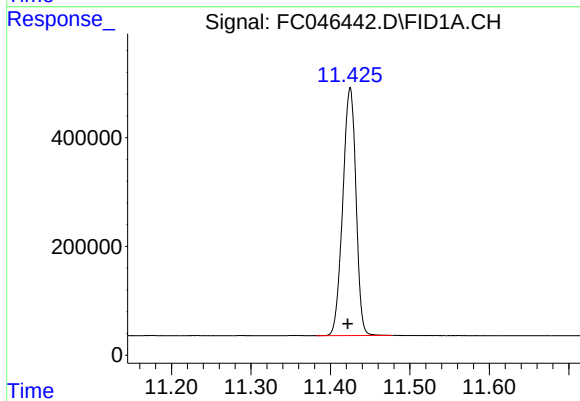
#6 n-Tetradecane (C14)

R.T.: 8.398 min
Delta R.T.: 0.002 min
Response: 5147435
Conc: 50.27 ug/ml



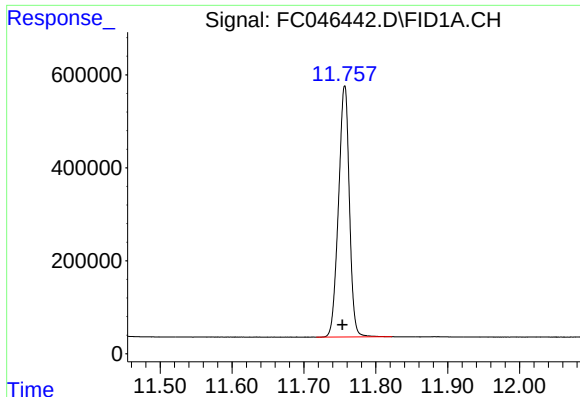
#7 n-Hexadecane (C16)

R.T.: 9.990 min
Delta R.T.: 0.002 min
Response: 5201875
Conc: 50.11 ug/ml



#8 n-Octadecane (C18)

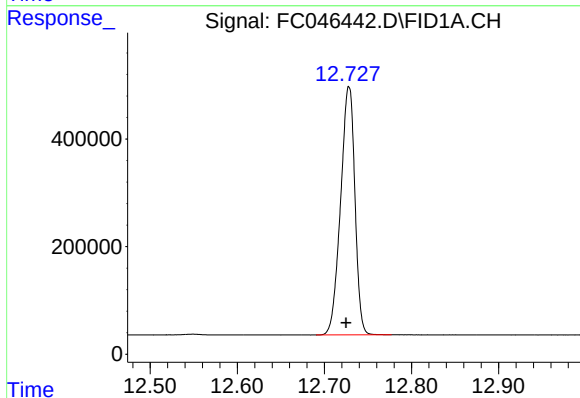
R.T.: 11.425 min
Delta R.T.: 0.003 min
Response: 5257950
Conc: 49.68 ug/ml



#9 ortho-Terphenyl (SURR)

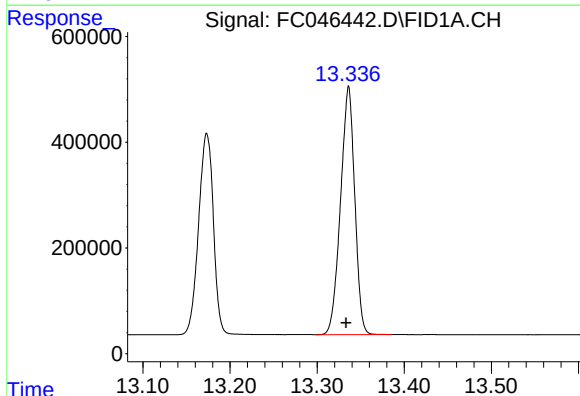
R.T.: 11.757 min
Delta R.T.: 0.003 min
Response: 5678118
Conc: 49.86 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



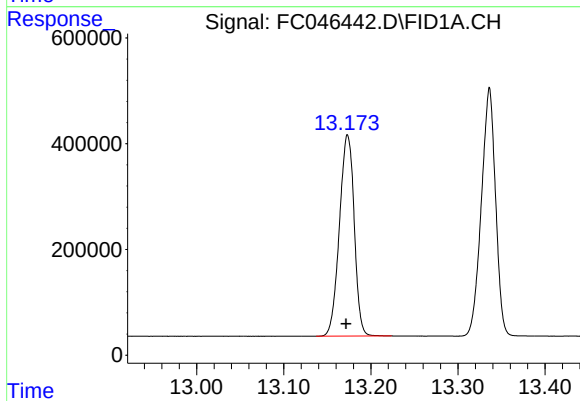
#10 n-Eicosane (C20)

R.T.: 12.728 min
Delta R.T.: 0.003 min
Response: 5278027
Conc: 49.57 ug/ml



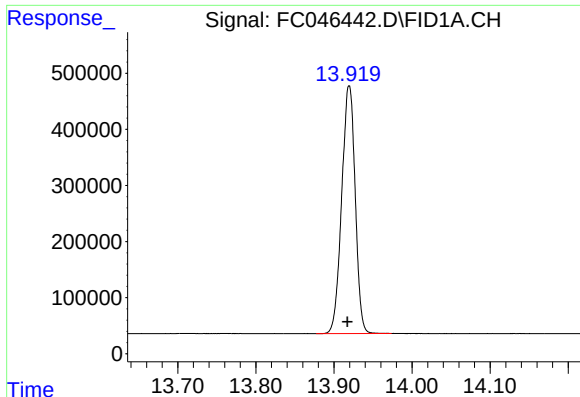
#11 n-Heneicosane (C21)

R.T.: 13.336 min
Delta R.T.: 0.003 min
Response: 5320871
Conc: 49.55 ug/ml



#12 1-chlorooctadecane (SURR)

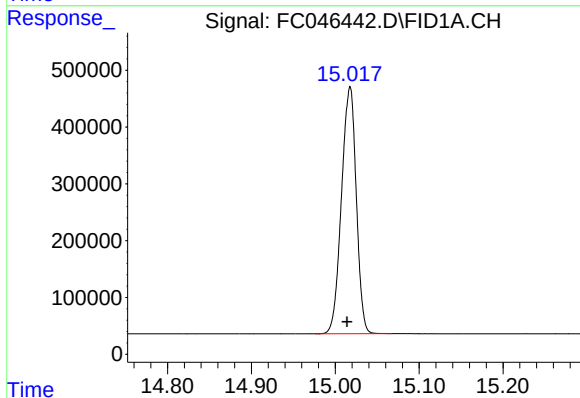
R.T.: 13.173 min
Delta R.T.: 0.002 min
Response: 4485714
Conc: 49.78 ug/ml



#13 n-Docosane (C22)

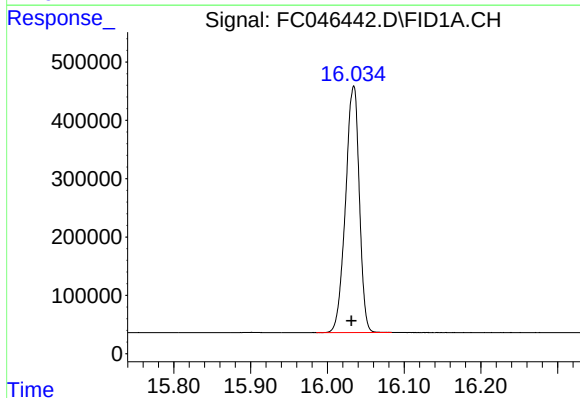
R.T.: 13.920 min
Delta R.T.: 0.002 min
Response: 5301781
Conc: 49.52 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



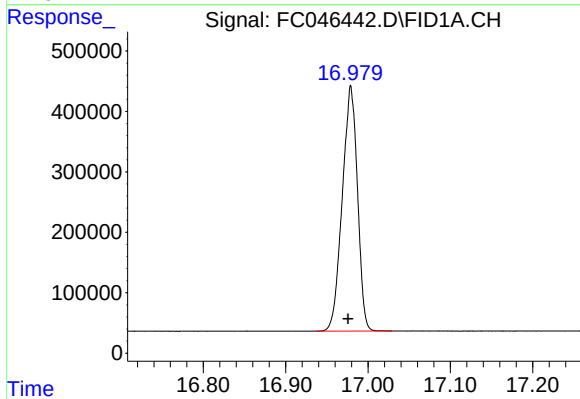
#14 n-Tetracosane (C24)

R.T.: 15.018 min
Delta R.T.: 0.004 min
Response: 5325830
Conc: 49.47 ug/ml



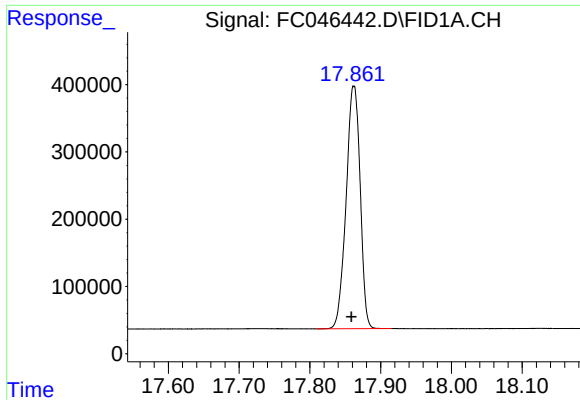
#15 n-Hexacosane (C26)

R.T.: 16.034 min
Delta R.T.: 0.003 min
Response: 5278450
Conc: 49.34 ug/ml



#16 n-Octacosane (C28)

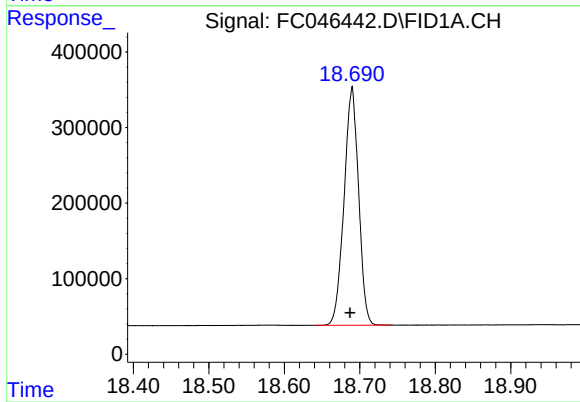
R.T.: 16.979 min
Delta R.T.: 0.004 min
Response: 5198440
Conc: 49.12 ug/ml



#17 n-Tricontane (C30)

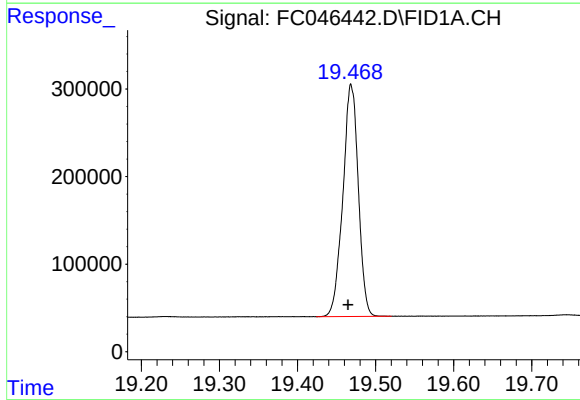
R.T.: 17.862 min
Delta R.T.: 0.003 min
Response: 4975810
Conc: 49.05 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



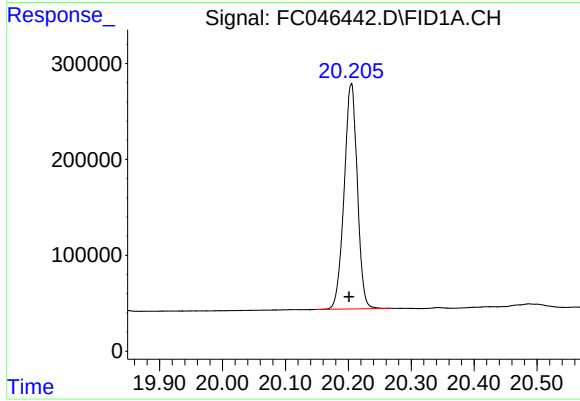
#18 n-Dotriacontane (C32)

R.T.: 18.690 min
Delta R.T.: 0.003 min
Response: 4215033
Conc: 49.00 ug/ml



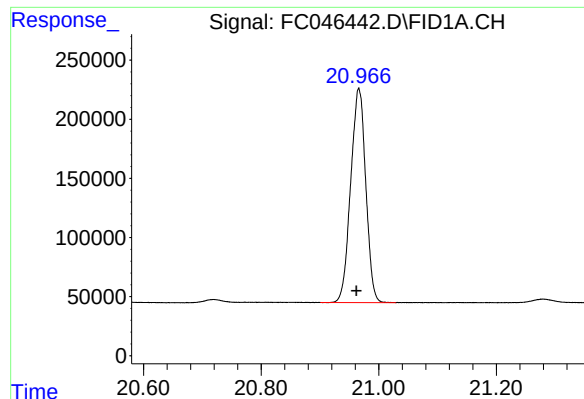
#19 n-Tetratriacontane (C34)

R.T.: 19.469 min
Delta R.T.: 0.004 min
Response: 3647828
Conc: 48.85 ug/ml



#20 n-Hexatriacontane (C36)

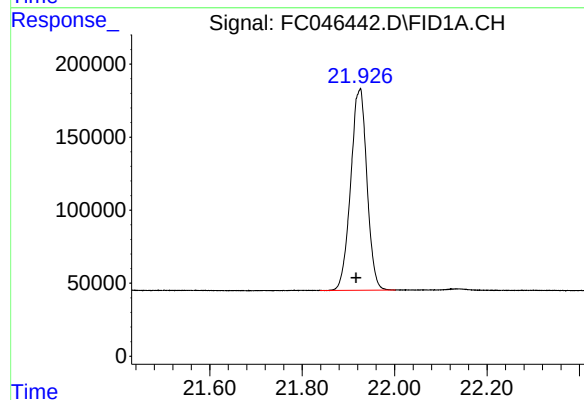
R.T.: 20.205 min
Delta R.T.: 0.003 min
Response: 3424621
Conc: 49.11 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.966 min
Delta R.T.: 0.004 min
Response: 3220762
Conc: 48.66 ug/ml

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FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



#22 n-Tetracontane (C40)

R.T.: 21.926 min
Delta R.T.: 0.009 min
Response: 3363221
Conc: 49.49 ug/ml