

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC042320AL\
 Data File : FC047041.D
 Signal(s) : FID1A.CH
 Acq On : 23 Apr 2020 14:03
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 23 15:20:45 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 042320.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 23 15:19:06 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)	11.755	5661771	48.647 ug/ml
Spiked Amount 50.000		Recovery =	97.29%
12) S 1-chlorooctadecane (S...	13.168	4548518	48.596 ug/ml
Spiked Amount 50.000		Recovery =	97.19%
Target Compounds			
1) T n-Nonane (C9)	3.549	5002541	49.250 ug/ml
2) T n-Decane (C10)	4.615	5022959	49.024 ug/ml
3) T A~Naphthalene (C11.7)	6.213	5477424	51.279 ug/ml
4) T n-Dodecane (C12)	6.619	5092622	48.880 ug/ml
5) T A~2-methylnaphthalene...	7.261	5473352	51.195 ug/ml
6) T n-Tetradecane (C14)	8.399	5127735	49.132 ug/ml
7) T n-Hexadecane (C16)	9.988	5196167	49.024 ug/ml
8) T n-Octadecane (C18)	11.421	5268753	48.635 ug/ml
10) T n-Eicosane (C20)	12.722	5325225	48.538 ug/ml
11) T n-Heneicosane (C21)	13.331	5391457	48.545 ug/ml
13) T n-Docosane (C22)	13.914	5386905	48.486 ug/ml
14) T n-Tetracosane (C24)	15.011	5453779	48.500 ug/ml
15) T n-Hexacosane (C26)	16.026	5446055	48.374 ug/ml
16) T n-Octacosane (C28)	16.970	5378298	48.426 ug/ml
17) T n-Tricontane (C30)	17.852	5017189	48.269 ug/ml
18) T n-Dotriacontane (C32)	18.678	3820225	48.655 ug/ml
19) T n-Tetratriacontane (C34)	19.457	2829839	48.530 ug/ml
20) T n-Hexatriacontane (C36)	20.192	2494807	48.975 ug/ml
21) T n-Octatriacontane (C38)	20.951	2274939	48.026 ug/ml
22) T n-Tetracontane (C40)	21.903	2382931	51.250 ug/ml

(f)=RT Delta > 1/2 Window

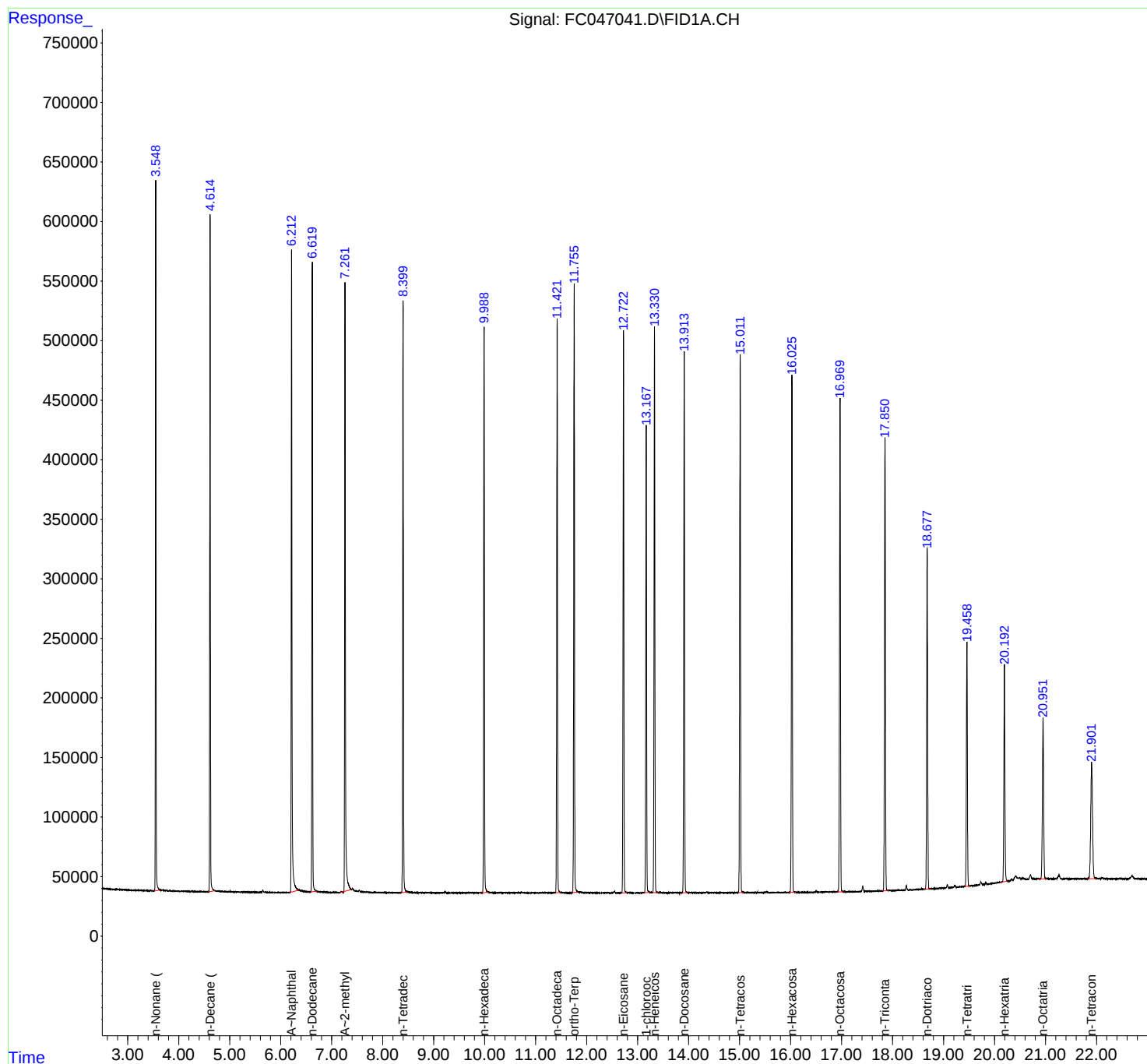
(m)=manual int.

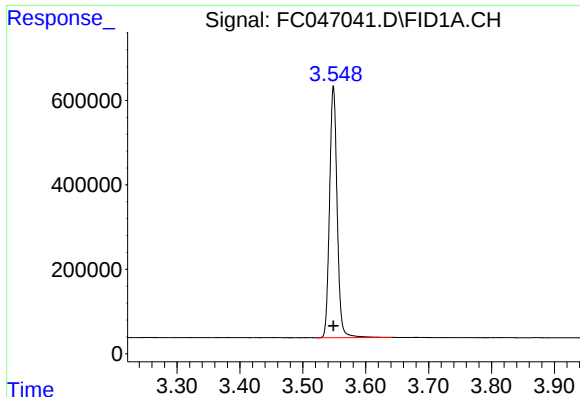
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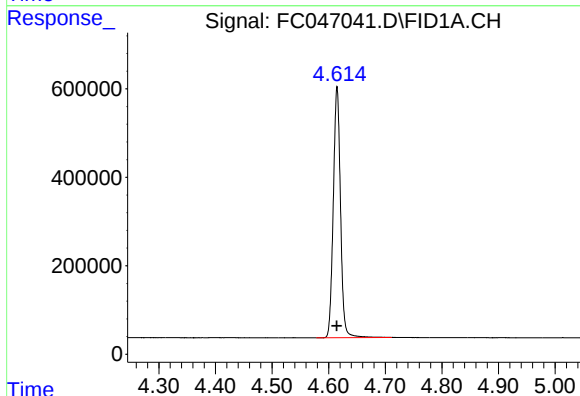




#1 n-Nonane (C9)

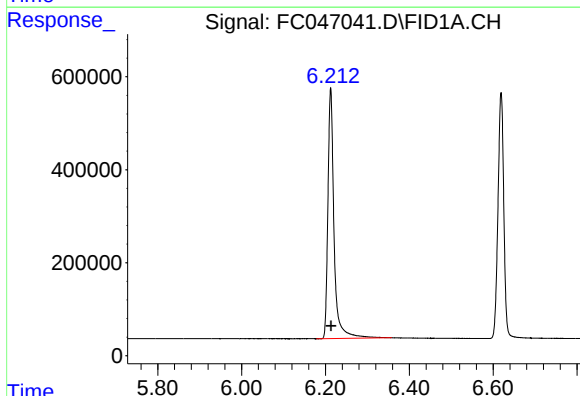
R.T.: 3.549 min
Delta R.T.: 0.000 min
Response: 5002541
Conc: 49.25 ug/ml

Instrument :
FID_C
ClientSampleId :



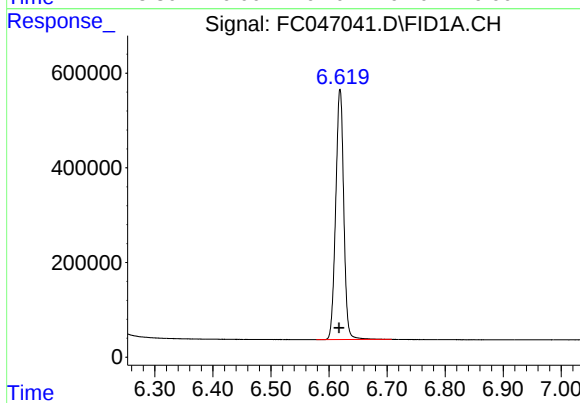
#2 n-Decane (C10)

R.T.: 4.615 min
Delta R.T.: 0.000 min
Response: 5022959
Conc: 49.02 ug/ml



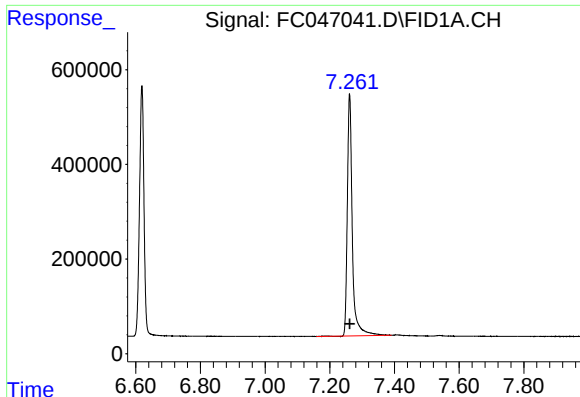
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.001 min
Response: 5477424
Conc: 51.28 ug/ml



#4 n-Dodecane (C12)

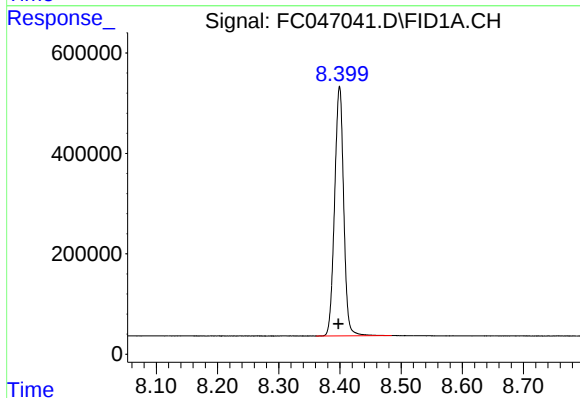
R.T.: 6.619 min
Delta R.T.: 0.001 min
Response: 5092622
Conc: 48.88 ug/ml



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

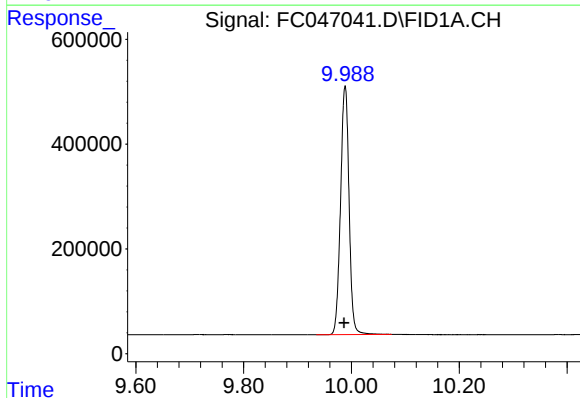
R.T.: 7.261 min
Delta R.T.: -0.001 min
Response: 5473352
Conc: 51.20 ug/ml

Instrument :
FID_C
ClientSampleId :



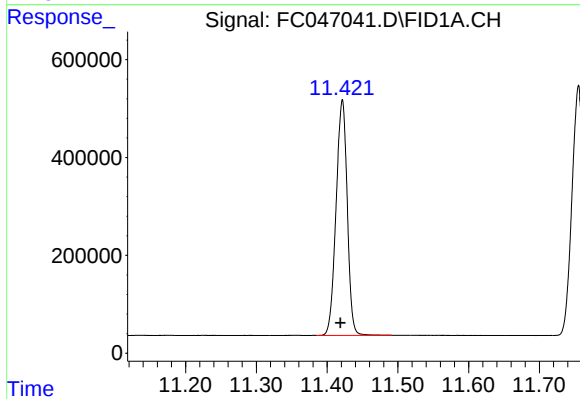
#6 n-Tetradecane (C14)

R.T.: 8.399 min
Delta R.T.: 0.002 min
Response: 5127735
Conc: 49.13 ug/ml



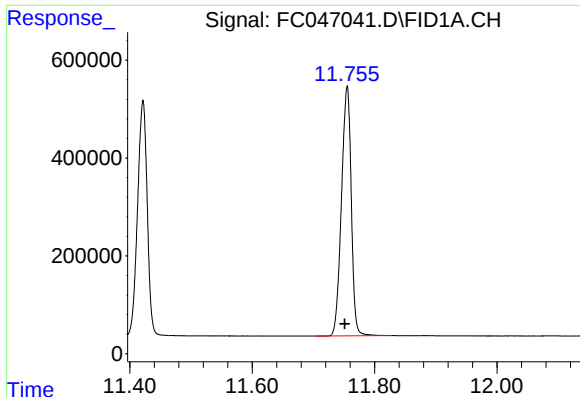
#7 n-Hexadecane (C16)

R.T.: 9.988 min
Delta R.T.: 0.002 min
Response: 5196167
Conc: 49.02 ug/ml



#8 n-Octadecane (C18)

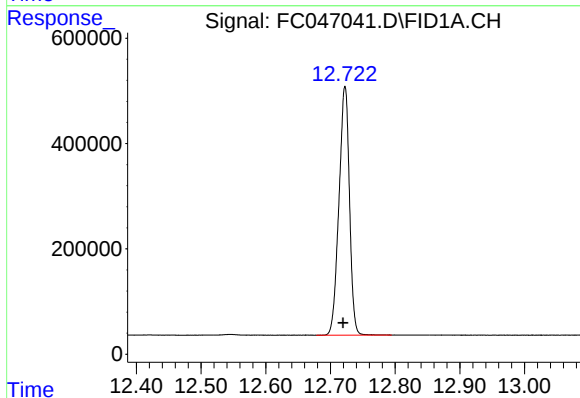
R.T.: 11.421 min
Delta R.T.: 0.003 min
Response: 5268753
Conc: 48.63 ug/ml



#9 ortho-Terphenyl (SURR)

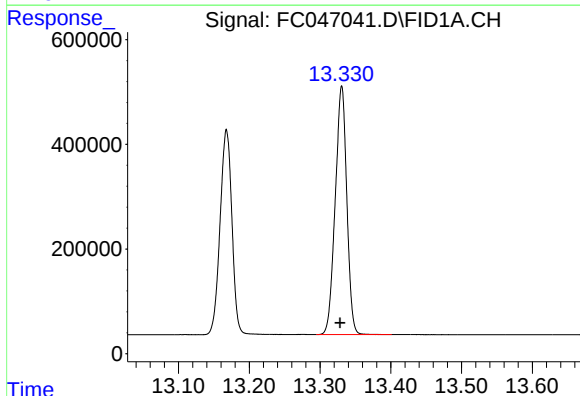
R.T.: 11.755 min
Delta R.T.: 0.004 min
Response: 5661771
Conc: 48.65 ug/ml

Instrument :
FID_C
ClientSampleId :



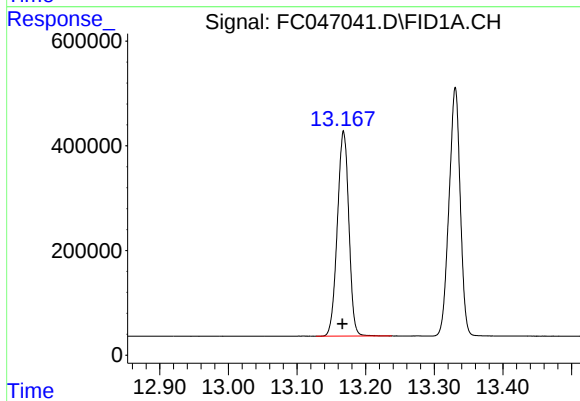
#10 n-Eicosane (C20)

R.T.: 12.722 min
Delta R.T.: 0.003 min
Response: 5325225
Conc: 48.54 ug/ml



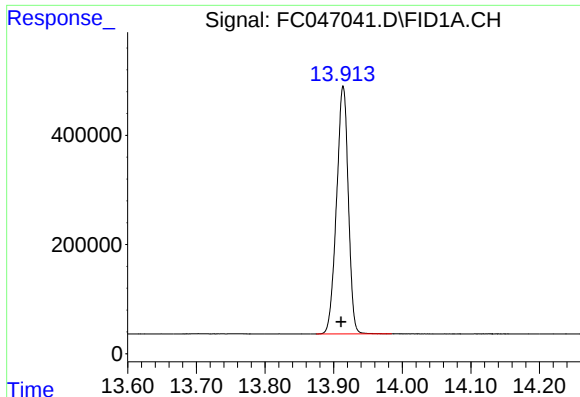
#11 n-Heneicosane (C21)

R.T.: 13.331 min
Delta R.T.: 0.002 min
Response: 5391457
Conc: 48.54 ug/ml



#12 1-chlorooctadecane (SURR)

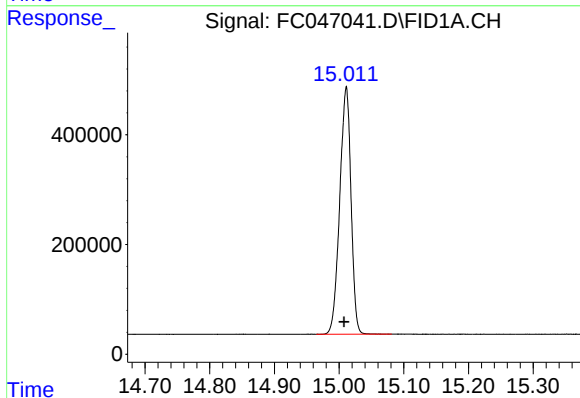
R.T.: 13.168 min
Delta R.T.: 0.001 min
Response: 4548518
Conc: 48.60 ug/ml



#13 n-Docosane (C22)

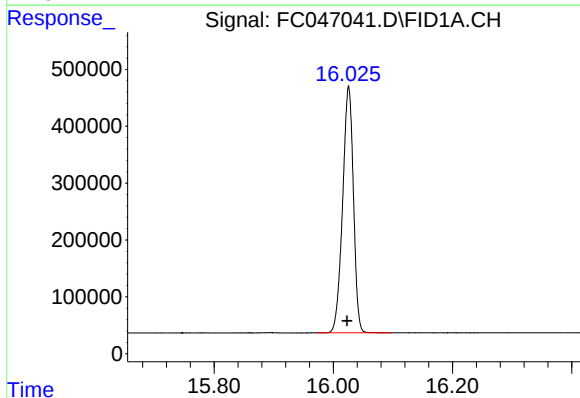
R.T.: 13.914 min
Delta R.T.: 0.003 min
Response: 5386905
Conc: 48.49 ug/ml

Instrument :
FID_C
ClientSampleId :



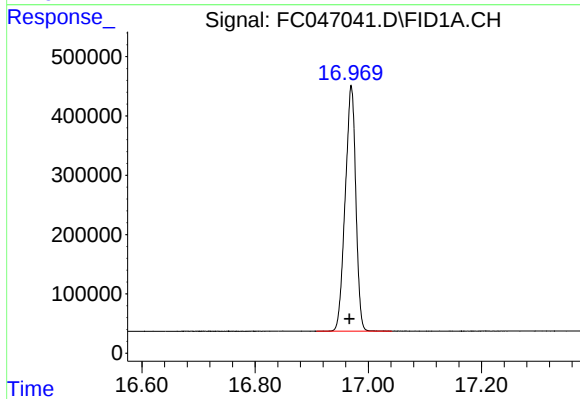
#14 n-Tetracosane (C24)

R.T.: 15.011 min
Delta R.T.: 0.003 min
Response: 5453779
Conc: 48.50 ug/ml



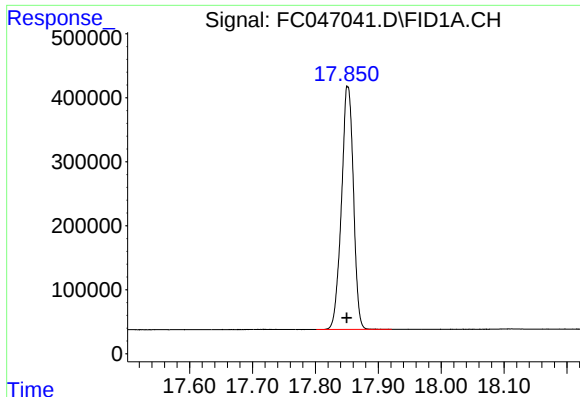
#15 n-Hexacosane (C26)

R.T.: 16.026 min
Delta R.T.: 0.003 min
Response: 5446055
Conc: 48.37 ug/ml



#16 n-Octacosane (C28)

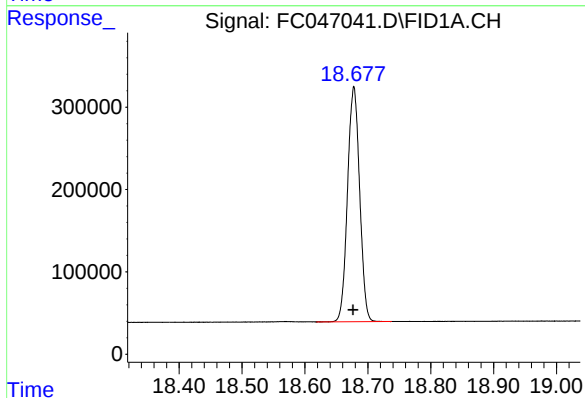
R.T.: 16.970 min
Delta R.T.: 0.003 min
Response: 5378298
Conc: 48.43 ug/ml



#17 n-Tricontane (C30)

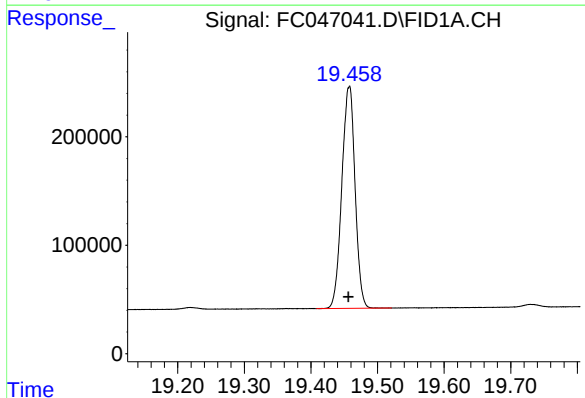
R.T.: 17.852 min
Delta R.T.: 0.002 min
Response: 5017189
Conc: 48.27 ug/ml

Instrument :
FID_C
ClientSampleId :



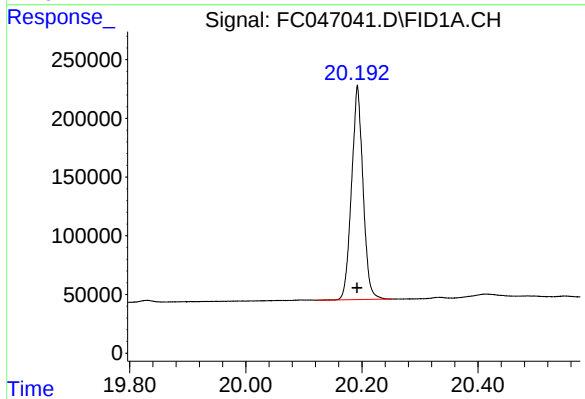
#18 n-Dotriacontane (C32)

R.T.: 18.678 min
Delta R.T.: 0.000 min
Response: 3820225
Conc: 48.65 ug/ml



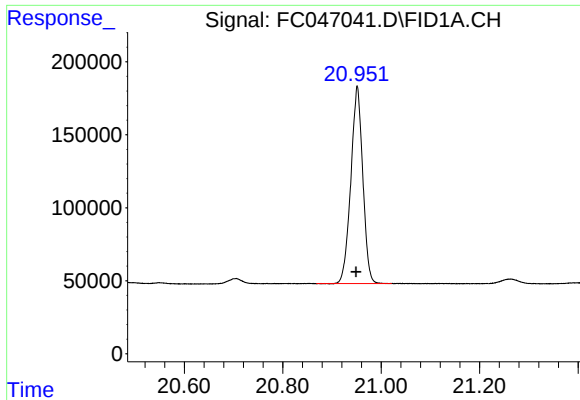
#19 n-Tetratriacontane (C34)

R.T.: 19.457 min
Delta R.T.: 0.001 min
Response: 2829839
Conc: 48.53 ug/ml



#20 n-Hexatriacontane (C36)

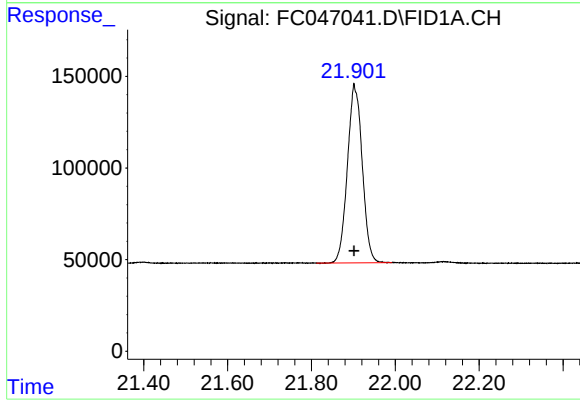
R.T.: 20.192 min
Delta R.T.: 0.000 min
Response: 2494807
Conc: 48.97 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.951 min
Delta R.T.: 0.002 min
Response: 2274939
Conc: 48.03 ug/ml

Instrument :
FID_C
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.903 min
Delta R.T.: 0.001 min
Response: 2382931
Conc: 51.25 ug/ml