

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_C\Data\FC032319AL\
 Data File : FC040062.D
 Signal(s) : FID1A.CH
 Acq On : 23 Mar 2019 10:24
 Operator : AJ\SJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_C
 ClientSampleId :
 50 PPM ALIPHATIC HC STD2

Integration File: autoint1.e
 Quant Time: Mar 23 13:33:43 2019
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_C\Method\Alaphatic EPH 032319.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 13:31:49 2019
 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)	11.020	6445809	50.505 ug/ml
Spiked Amount 50.000		Recovery =	101.01%
12) S 1-chlorooctadecane (S...	12.448	4891937	49.622 ug/ml
Spiked Amount 50.000		Recovery =	99.24%
Target Compounds			
1) T n-Nonane (C9)	2.851	4003373	48.478 ug/ml
2) T n-Decane (C10)	3.873	4112890	48.702 ug/ml
3) T A~Naphthalene (C11.7)	5.446	4759539	49.043 ug/ml
4) T n-Dodecane (C12)	5.869	4244085	49.586 ug/ml
5) T A~2-methylnaphthalene...	6.496	4874487	49.480 ug/ml
6) T n-Tetradecane (C14)	7.658	4535199	50.459 ug/ml
7) T n-Hexadecane (C16)	9.256	4806476	50.717 ug/ml
8) T n-Octadecane (C18)	10.697	5006199	49.994 ug/ml
10) T n-Eicosane (C20)	12.002	5023271	49.611 ug/ml
11) T n-Heneicosane (C21)	12.613	4970686	49.460 ug/ml
13) T n-Docosane (C22)	13.199	4925207	49.092 ug/ml
14) T n-Tetracosane (C24)	14.299	4847204	48.868 ug/ml
15) T n-Hexacosane (C26)	15.319	4749815	48.723 ug/ml
16) T n-Octacosane (C28)	16.267	4720414	48.792 ug/ml
17) T n-Tricontane (C30)	17.153	4659081	48.595 ug/ml
18) T n-Dotriacontane (C32)	17.984	4574478	48.303 ug/ml
19) T n-Tetratriacontane (C34)	18.800	4068796	49.237 ug/ml
20) T n-Hexatriacontane (C36)	19.821	3568344	49.352 ug/ml
21) T n-Octatriacontane (C38)	21.200	3357224	49.263 ug/ml
22) T n-Tetracontane (C40)	23.115	3297032	49.002 ug/ml

(f)=RT Delta > 1/2 Window

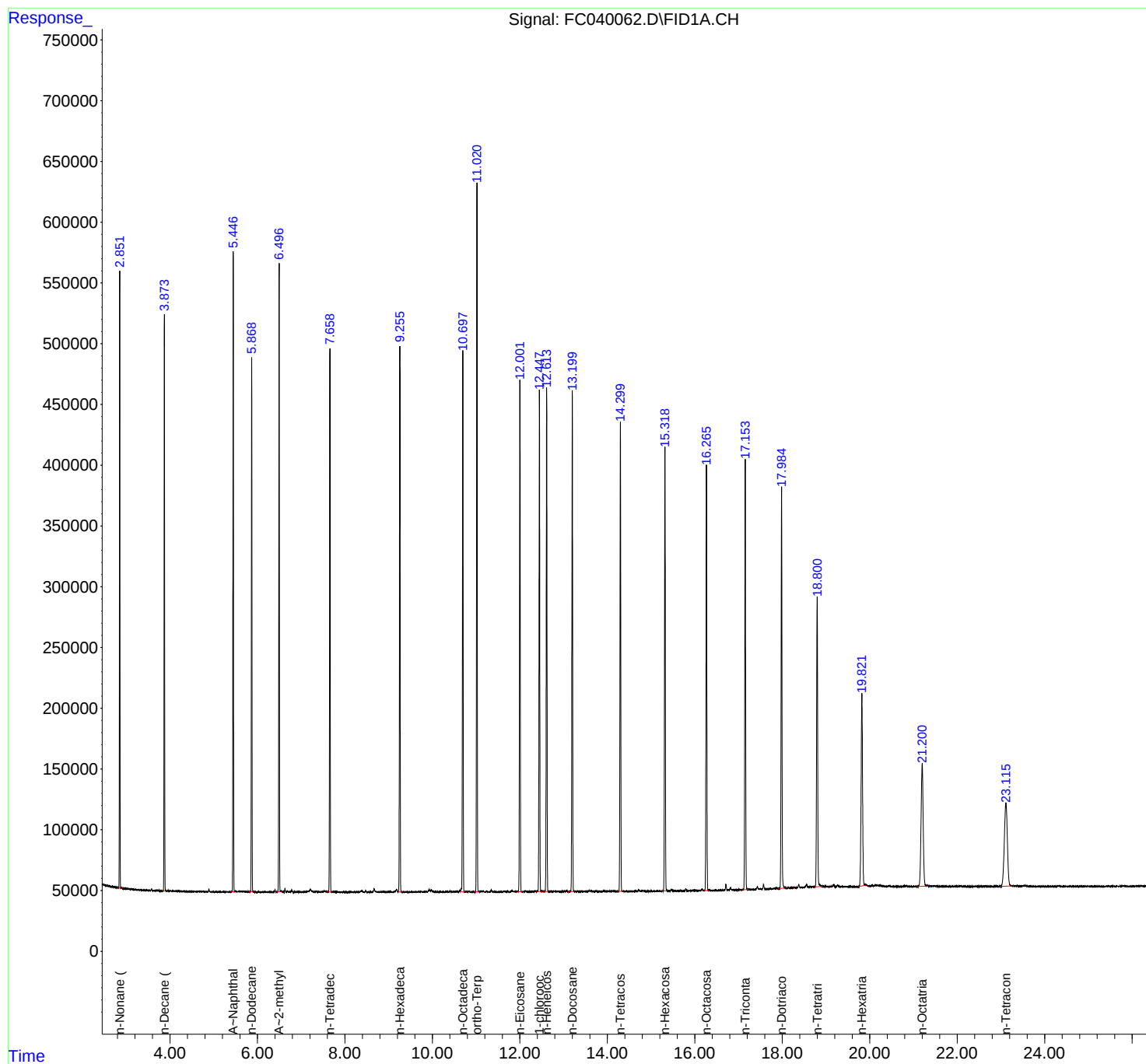
(m)=manual int.

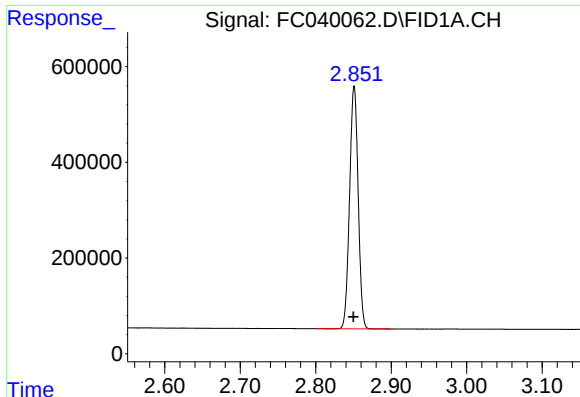
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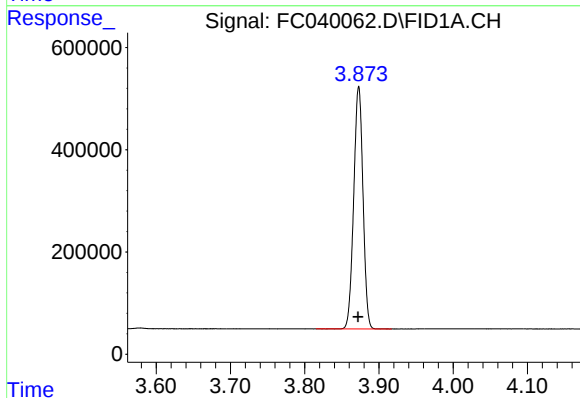




#1 n-Nonane (C9)

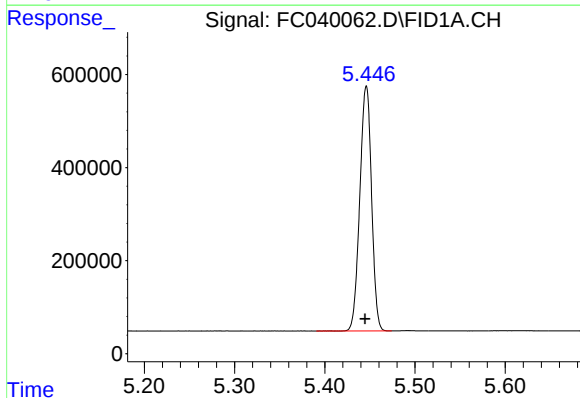
R.T.: 2.851 min
Delta R.T.: 0.001 min
Response: 4003373
Conc: 48.48 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



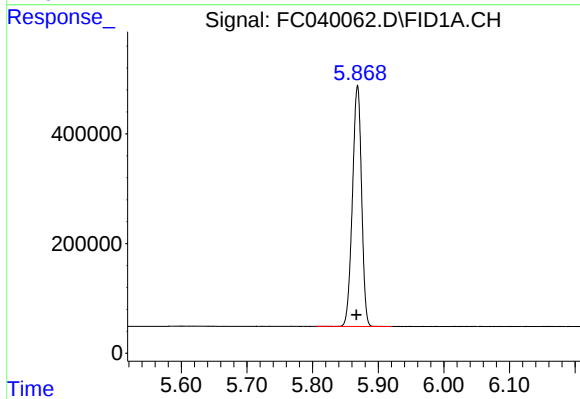
#2 n-Decane (C10)

R.T.: 3.873 min
Delta R.T.: 0.000 min
Response: 4112890
Conc: 48.70 ug/ml



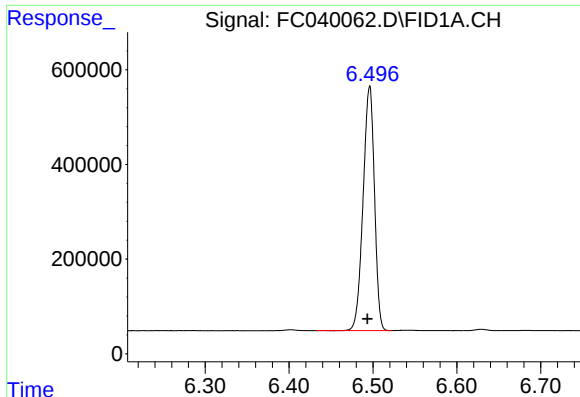
#3 A~Naphthalene (C11.7)

R.T.: 5.446 min
Delta R.T.: 0.002 min
Response: 4759539
Conc: 49.04 ug/ml



#4 n-Dodecane (C12)

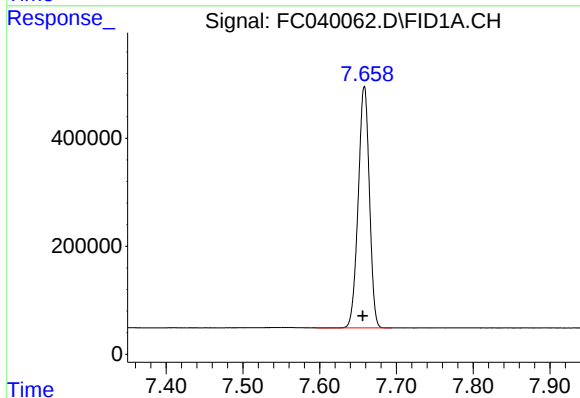
R.T.: 5.869 min
Delta R.T.: 0.002 min
Response: 4244085
Conc: 49.59 ug/ml



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

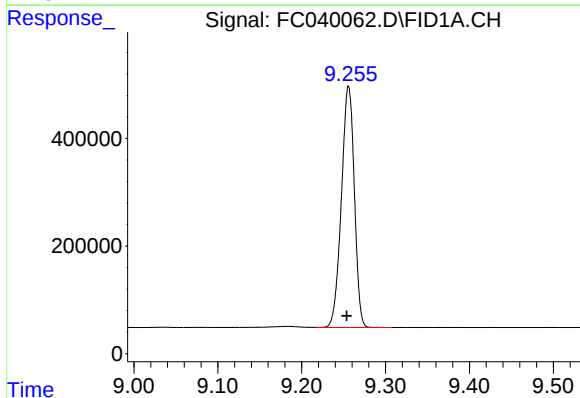
R.T.: 6.496 min
Delta R.T.: 0.003 min
Response: 4874487
Conc: 49.48 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



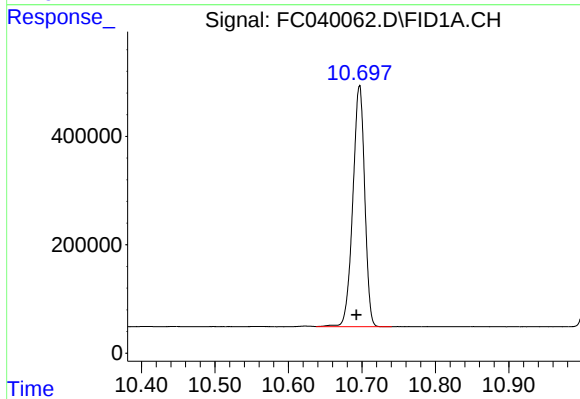
#6 n-Tetradecane (C14)

R.T.: 7.658 min
Delta R.T.: 0.002 min
Response: 4535199
Conc: 50.46 ug/ml



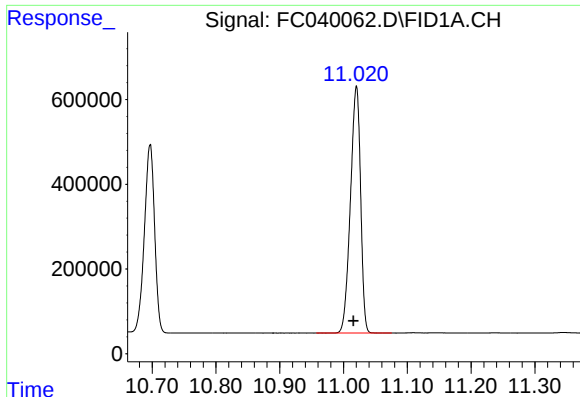
#7 n-Hexadecane (C16)

R.T.: 9.256 min
Delta R.T.: 0.002 min
Response: 4806476
Conc: 50.72 ug/ml



#8 n-Octadecane (C18)

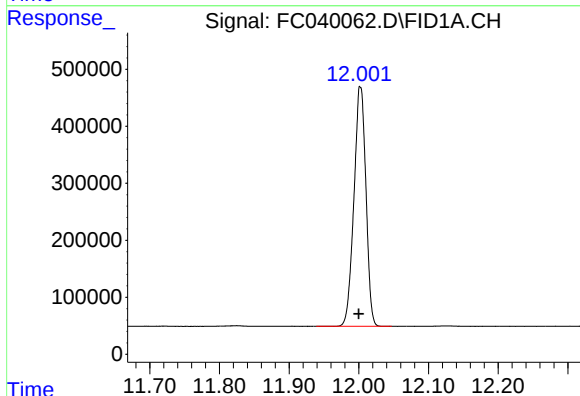
R.T.: 10.697 min
Delta R.T.: 0.004 min
Response: 5006199
Conc: 49.99 ug/ml



#9 ortho-Terphenyl (SURR)

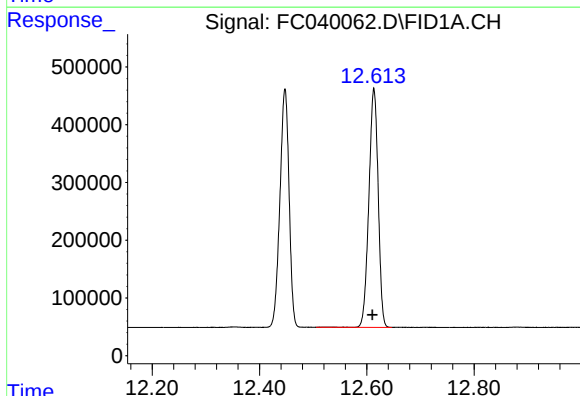
R.T.: 11.020 min
Delta R.T.: 0.005 min
Response: 6445809
Conc: 50.51 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



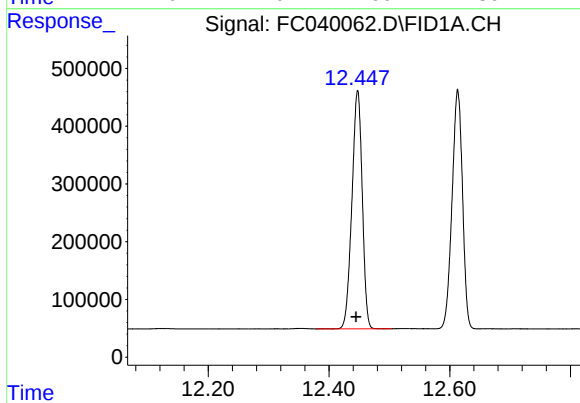
#10 n-Eicosane (C20)

R.T.: 12.002 min
Delta R.T.: 0.002 min
Response: 5023271
Conc: 49.61 ug/ml



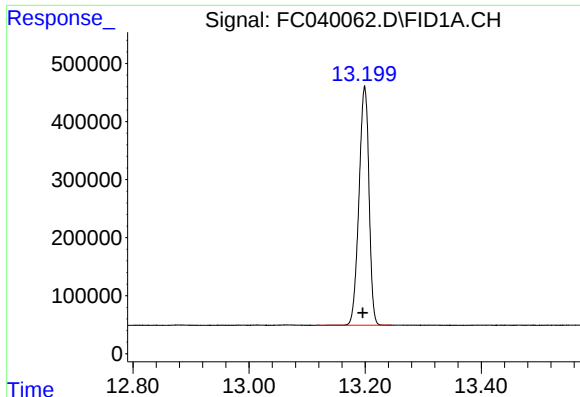
#11 n-Heneicosane (C21)

R.T.: 12.613 min
Delta R.T.: 0.003 min
Response: 4970686
Conc: 49.46 ug/ml



#12 1-chlorooctadecane (SURR)

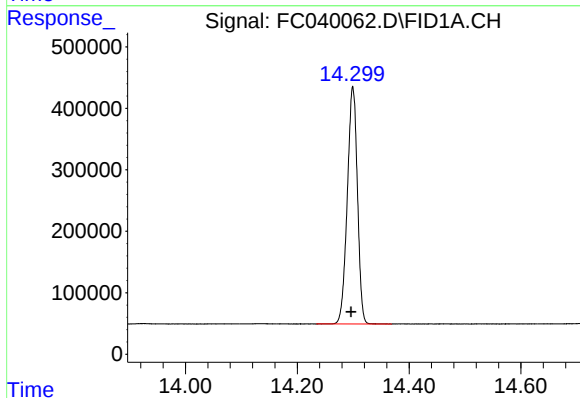
R.T.: 12.448 min
Delta R.T.: 0.003 min
Response: 4891937
Conc: 49.62 ug/ml



#13 n-Docosane (C22)

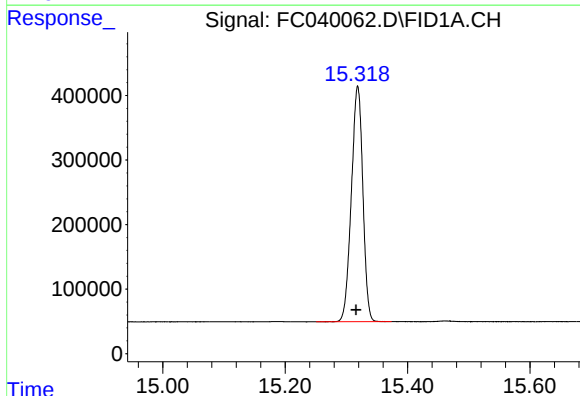
R.T.: 13.199 min
Delta R.T.: 0.003 min
Response: 4925207
Conc: 49.09 ug/ml

Instrument :
FID_C
ClientSampleId :
50 PPM ALIPHATIC HC STD2



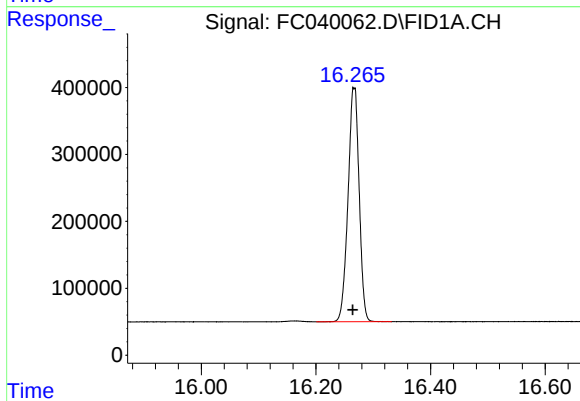
#14 n-Tetracosane (C24)

R.T.: 14.299 min
Delta R.T.: 0.003 min
Response: 4847204
Conc: 48.87 ug/ml



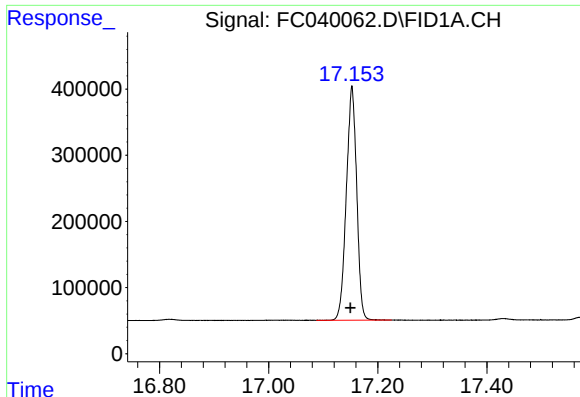
#15 n-Hexacosane (C26)

R.T.: 15.319 min
Delta R.T.: 0.003 min
Response: 4749815
Conc: 48.72 ug/ml



#16 n-Octacosane (C28)

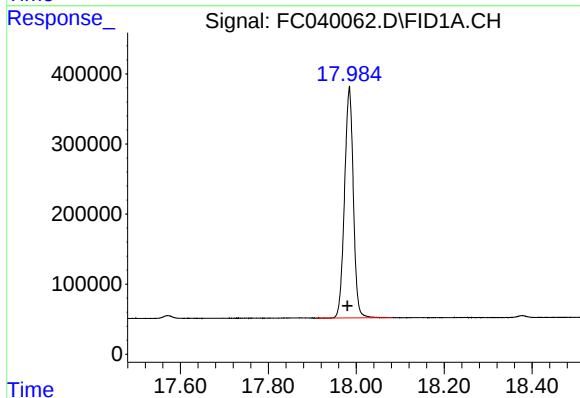
R.T.: 16.267 min
Delta R.T.: 0.003 min
Response: 4720414
Conc: 48.79 ug/ml



#17 n-Tricontane (C30)

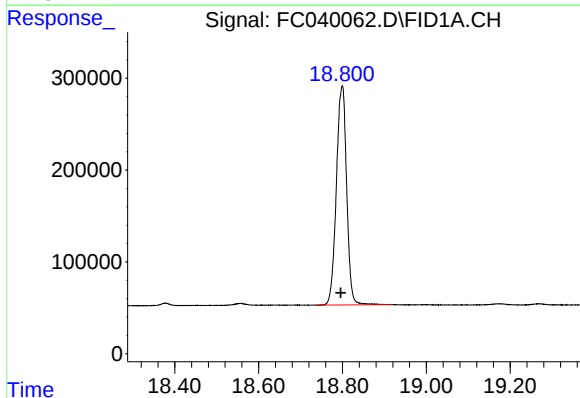
R.T.: 17.153 min
Delta R.T.: 0.003 min
Response: 4659081
Conc: 48.59 ug/ml

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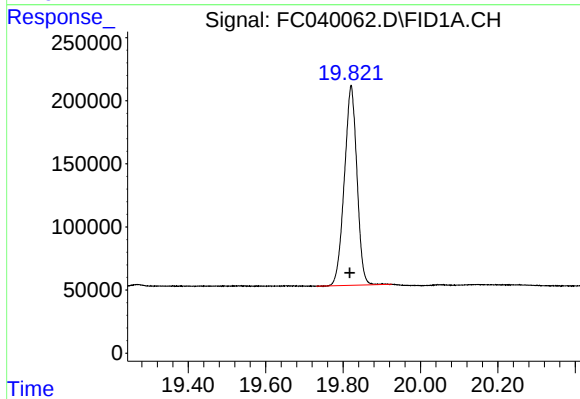
#18 n-Dotriacontane (C32)

R.T.: 17.984 min
Delta R.T.: 0.004 min
Response: 4574478
Conc: 48.30 ug/ml



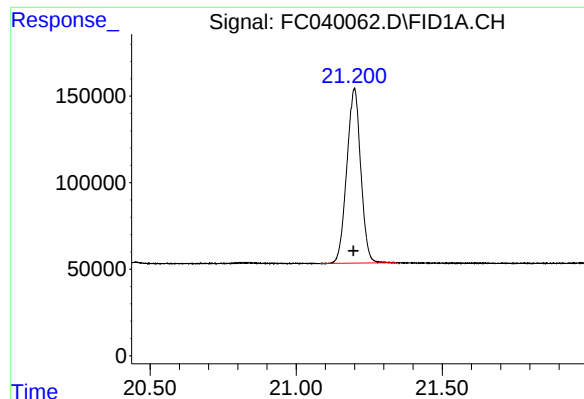
#19 n-Tetratriacontane (C34)

R.T.: 18.800 min
Delta R.T.: 0.004 min
Response: 4068796
Conc: 49.24 ug/ml



#20 n-Hexatriacontane (C36)

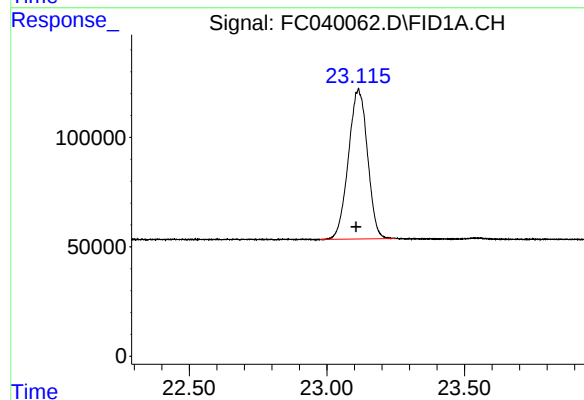
R.T.: 19.821 min
Delta R.T.: 0.003 min
Response: 3568344
Conc: 49.35 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.003 min
Response: 3357224
Conc: 49.26 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 23.115 min
Delta R.T.: 0.008 min
Response: 3297032
Conc: 49.00 ug/ml