

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD083021AL\
 Data File : FD038726.D
 Signal(s) : FID2B.CH
 Acq On : 31 Aug 2021 7:00
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Aug 31 07:37:24 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 083021.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 31 06:05:30 2021
 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)	11.678	2917311	19.847 ug/ml
Spiked Amount 50.000		Recovery =	39.69%
12) S 1-chlorooctadecane (S...	13.105	2312114	19.877 ug/ml
Spiked Amount 50.000		Recovery =	39.75%
Target Compounds			
1) T n-Nonane (C9)	3.437	2518711	19.776 ug/ml
2) T n-Decane (C10)	4.507	2556461	19.737 ug/ml
3) T A~Naphthalene (C11.7)	6.099	2876463	19.753 ug/ml
4) T n-Dodecane (C12)	6.524	2584849	19.678 ug/ml
5) T A~2-methylnaphthalene...	7.153	2914479	19.705 ug/ml
6) T n-Tetradecane (C14)	8.317	2640140	19.588 ug/ml
7) T n-Hexadecane (C16)	9.915	2674568	19.561 ug/ml
8) T n-Octadecane (C18)	11.353	2750752	19.683 ug/ml
10) T n-Eicosane (C20)	12.660	2732055	19.814 ug/ml
11) T n-Heneicosane (C21)	13.270	2759179	19.852 ug/ml
13) T n-Docosane (C22)	13.854	2716088	19.937 ug/ml
14) T n-Tetracosane (C24)	14.954	2683019	20.082 ug/ml
15) T n-Hexacosane (C26)	15.971	2563620	20.216 ug/ml
16) T n-Octacosane (C28)	16.917	2454225	20.296 ug/ml
17) T n-Tricontane (C30)	17.801	2329166	20.305 ug/ml
18) T n-Dotriacontane (C32)	18.630	2165592	20.024 ug/ml
19) T n-Tetratriacontane (C34)	19.409	2060976	19.796 ug/ml
20) T n-Hexatriacontane (C36)	20.145	1924373	19.626 ug/ml
21) T n-Octatriacontane (C38)	20.889	1849345	19.613 ug/ml
22) T n-Tetracontane (C40)	21.818	1860006	19.645 ug/ml

(f)=RT Delta > 1/2 Window

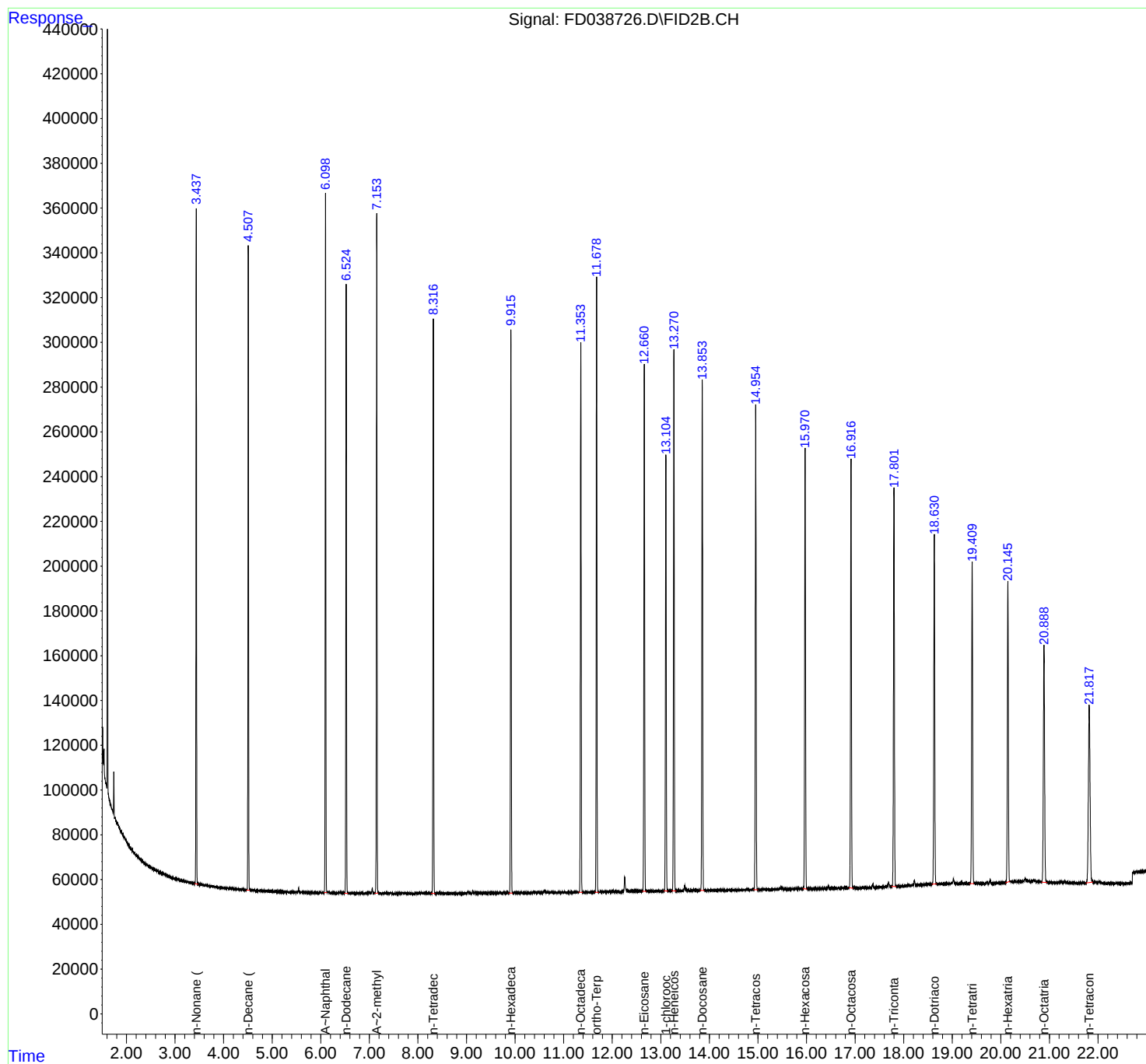
(m)=manual int.

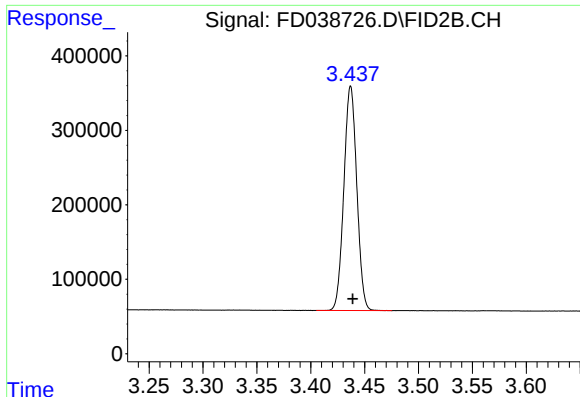
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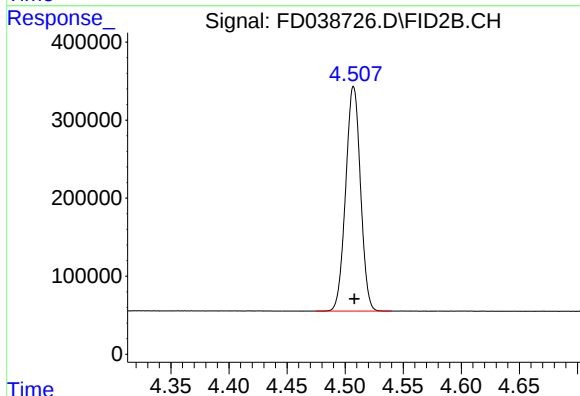




#1 n-Nonane (C9)

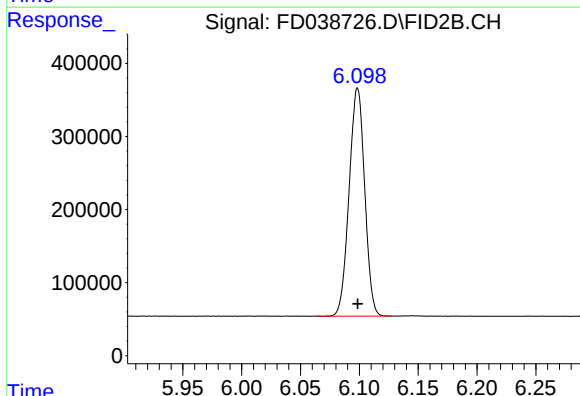
R.T.: 3.437 min
Delta R.T.: -0.002 min
Response: 2518711
Conc: 19.78 ug/ml

Instrument :
FID_D
ClientSampleId :



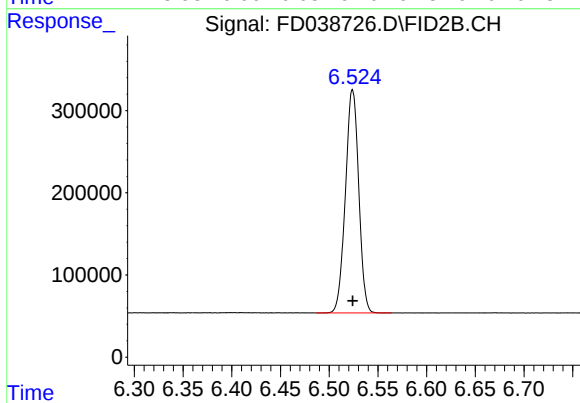
#2 n-Decane (C10)

R.T.: 4.507 min
Delta R.T.: 0.000 min
Response: 2556461
Conc: 19.74 ug/ml



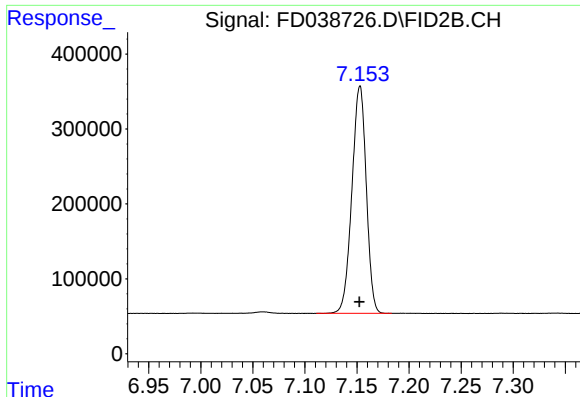
#3 A~Naphthalene (C11.7)

R.T.: 6.099 min
Delta R.T.: 0.000 min
Response: 2876463
Conc: 19.75 ug/ml



#4 n-Dodecane (C12)

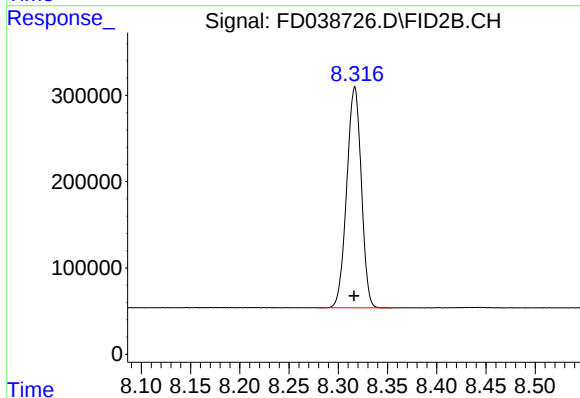
R.T.: 6.524 min
Delta R.T.: 0.000 min
Response: 2584849
Conc: 19.68 ug/ml



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

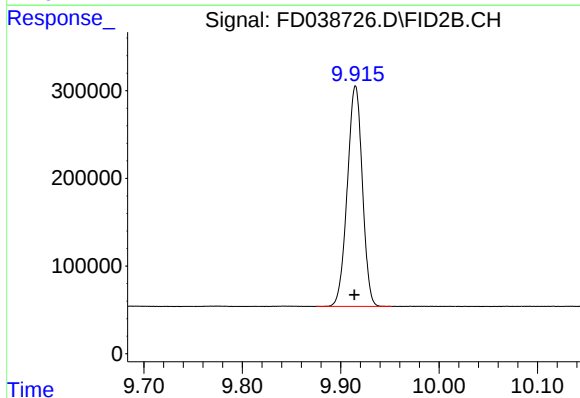
R.T.: 7.153 min
Delta R.T.: 0.000 min
Response: 2914479
Conc: 19.70 ug/ml

Instrument :
FID_D
ClientSampleId :



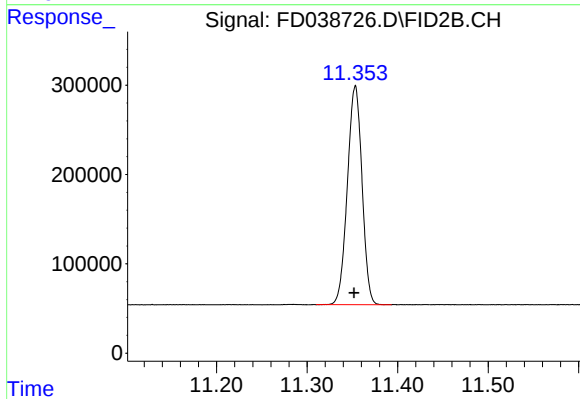
#6 n-Tetradecane (C14)

R.T.: 8.317 min
Delta R.T.: 0.000 min
Response: 2640140
Conc: 19.59 ug/ml



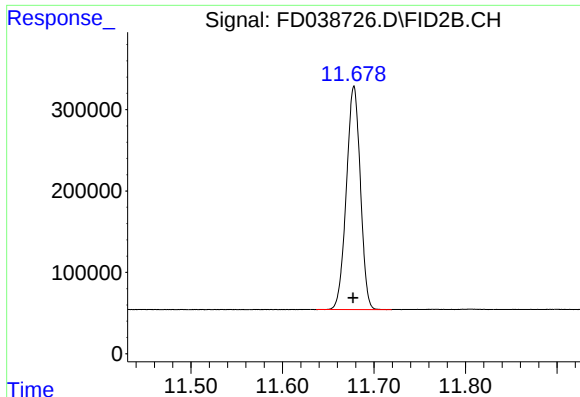
#7 n-Hexadecane (C16)

R.T.: 9.915 min
Delta R.T.: 0.001 min
Response: 2674568
Conc: 19.56 ug/ml



#8 n-Octadecane (C18)

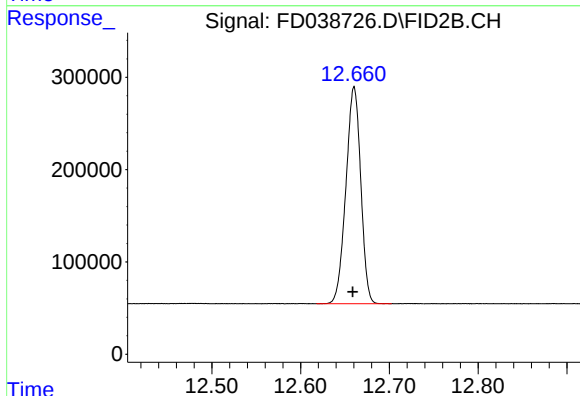
R.T.: 11.353 min
Delta R.T.: 0.001 min
Response: 2750752
Conc: 19.68 ug/ml



#9 ortho-Terphenyl (SURR)

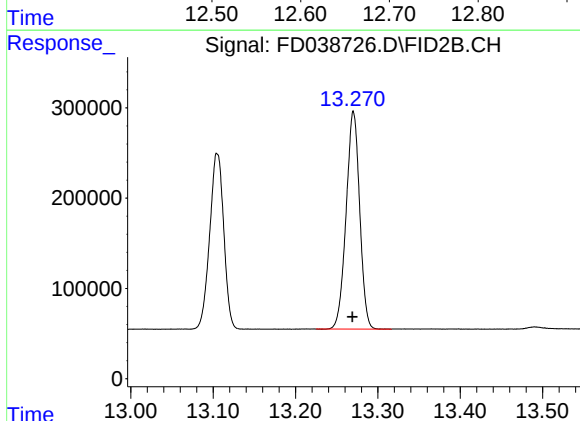
R.T.: 11.678 min
Delta R.T.: 0.000 min
Response: 2917311
Conc: 19.85 ug/ml

Instrument :
FID_D
ClientSampleId :



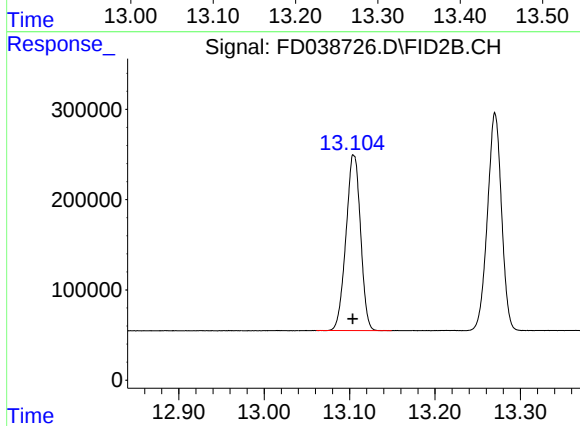
#10 n-Eicosane (C20)

R.T.: 12.660 min
Delta R.T.: 0.002 min
Response: 2732055
Conc: 19.81 ug/ml



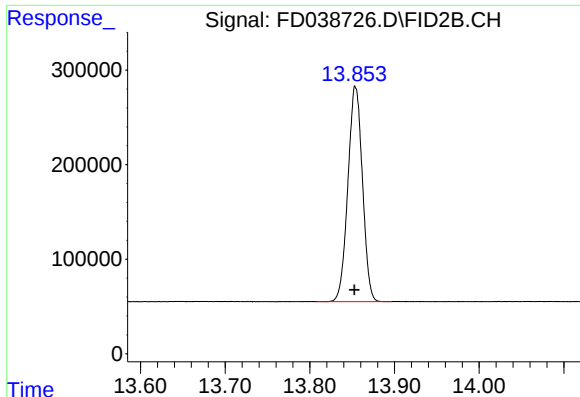
#11 n-Heneicosane (C21)

R.T.: 13.270 min
Delta R.T.: 0.001 min
Response: 2759179
Conc: 19.85 ug/ml



#12 1-chlorooctadecane (SURR)

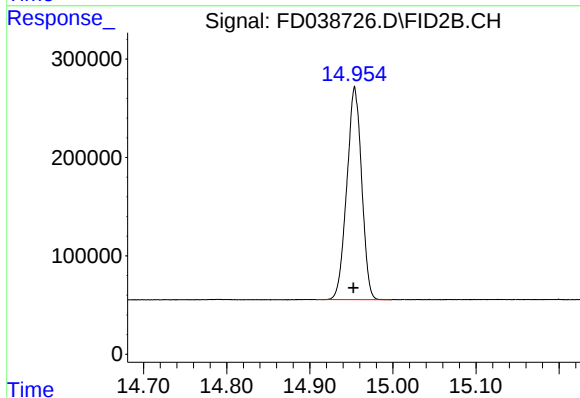
R.T.: 13.105 min
Delta R.T.: 0.001 min
Response: 2312114
Conc: 19.88 ug/ml



#13 n-Docosane (C22)

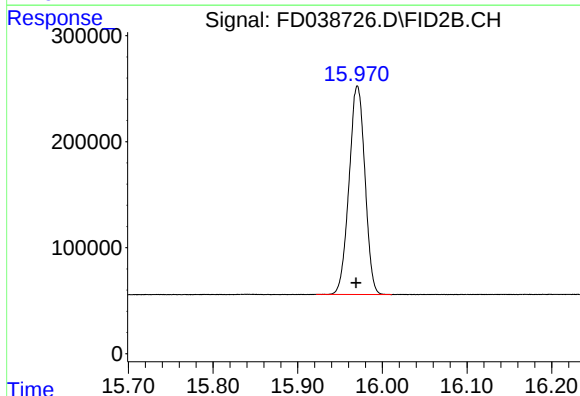
R.T.: 13.854 min
Delta R.T.: 0.001 min
Response: 2716088
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :



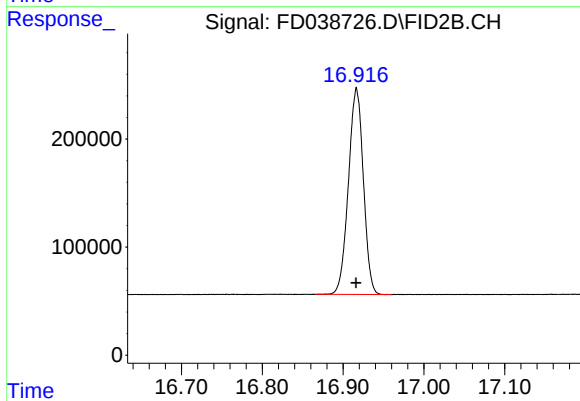
#14 n-Tetracosane (C24)

R.T.: 14.954 min
Delta R.T.: 0.001 min
Response: 2683019
Conc: 20.08 ug/ml



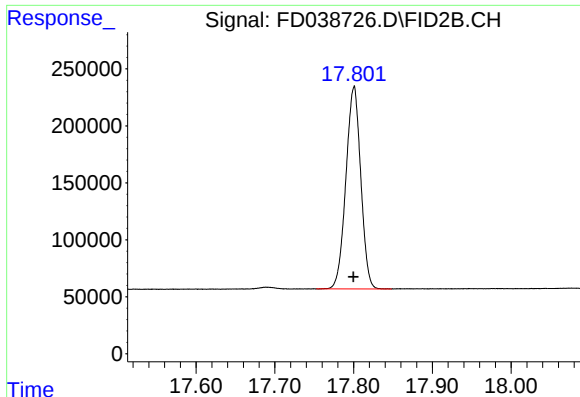
#15 n-Hexacosane (C26)

R.T.: 15.971 min
Delta R.T.: 0.002 min
Response: 2563620
Conc: 20.22 ug/ml



#16 n-Octacosane (C28)

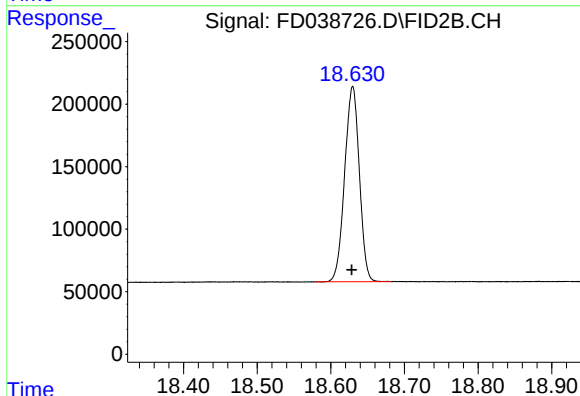
R.T.: 16.917 min
Delta R.T.: 0.000 min
Response: 2454225
Conc: 20.30 ug/ml



#17 n-Tricontane (C30)

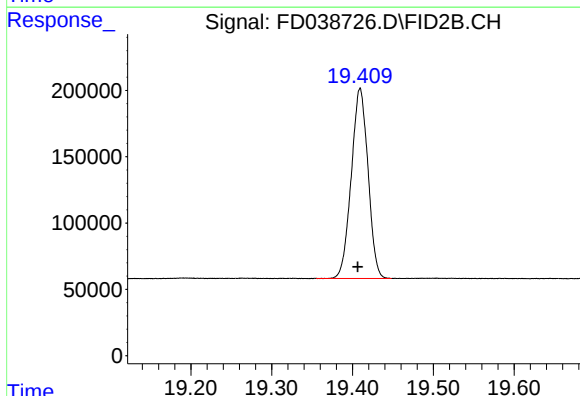
R.T.: 17.801 min
Delta R.T.: 0.000 min
Response: 2329166
Conc: 20.30 ug/ml

Instrument :
FID_D
ClientSampleId :



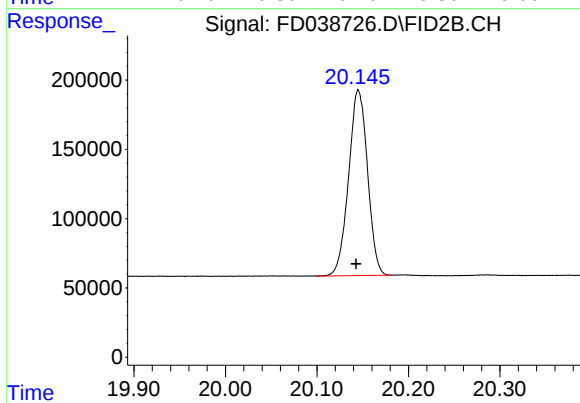
#18 n-Dotriacontane (C32)

R.T.: 18.630 min
Delta R.T.: 0.002 min
Response: 2165592
Conc: 20.02 ug/ml



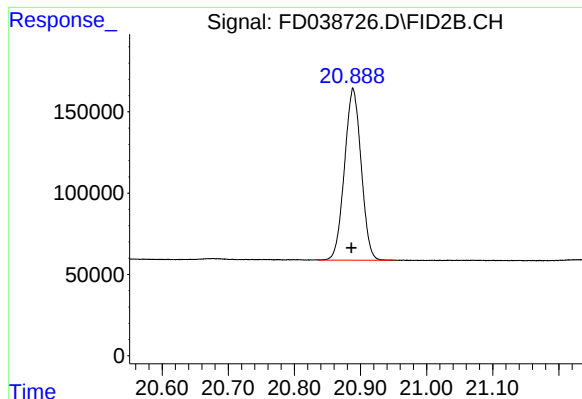
#19 n-Tetratriacontane (C34)

R.T.: 19.409 min
Delta R.T.: 0.003 min
Response: 2060976
Conc: 19.80 ug/ml



#20 n-Hexatriacontane (C36)

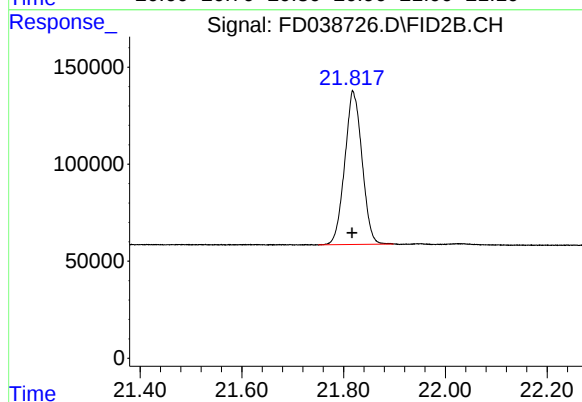
R.T.: 20.145 min
Delta R.T.: 0.002 min
Response: 1924373
Conc: 19.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.889 min
Delta R.T.: 0.003 min
Response: 1849345
Conc: 19.61 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.818 min
Delta R.T.: 0.002 min
Response: 1860006
Conc: 19.64 ug/ml