

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD070921AL\
 Data File : FD038138.D
 Signal(s) : FID2B.CH
 Acq On : 09 Jul 2021 12:37
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jul 09 23:42:32 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 070621.M
 Quant Title : GC Extractables
 QLast Update : Wed Jul 07 10:58:41 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)	11.419	3004557	20.786 ug/ml
Spiked Amount 50.000		Recovery =	41.57%
12) S 1-chlorooctadecane (S...	12.854	2328323	20.422 ug/ml
Spiked Amount 50.000		Recovery =	40.84%
Target Compounds			
1) T n-Nonane (C9)	3.235	2601699	21.410 ug/ml
2) T n-Decane (C10)	4.291	2647544	21.646 ug/ml
3) T A~Naphthalene (C11.7)	5.859	2960843	21.659 ug/ml
4) T n-Dodecane (C12)	6.296	2710749	21.764 ug/ml
5) T A~2-methylnaphthalene...	6.910	2993027	21.730 ug/ml
6) T n-Tetradecane (C14)	8.083	2791965	21.722 ug/ml
7) T n-Hexadecane (C16)	9.676	2807154	21.662 ug/ml
8) T n-Octadecane (C18)	11.111	2869216	21.305 ug/ml
10) T n-Eicosane (C20)	12.413	2808010	20.906 ug/ml
11) T n-Heneicosane (C21)	13.022	2800418	20.612 ug/ml
13) T n-Docosane (C22)	13.604	2800486	20.814 ug/ml
14) T n-Tetracosane (C24)	14.702	2864532	21.214 ug/ml
15) T n-Hexacosane (C26)	15.717	2742105	20.812 ug/ml
16) T n-Octacosane (C28)	16.662	2657607	20.382 ug/ml
17) T n-Tricontane (C30)	17.544	2525415	19.762 ug/ml
18) T n-Dotriacontane (C32)	18.373	2355297	19.142 ug/ml
19) T n-Tetratriacontane (C34)	19.152	2183173	18.643 ug/ml
20) T n-Hexatriacontane (C36)	19.888	2016919	18.469 ug/ml
21) T n-Octatriacontane (C38)	20.593	1933403	19.196 ug/ml
22) T n-Tetracontane (C40)	21.422	1977482	20.219 ug/ml

(f)=RT Delta > 1/2 Window

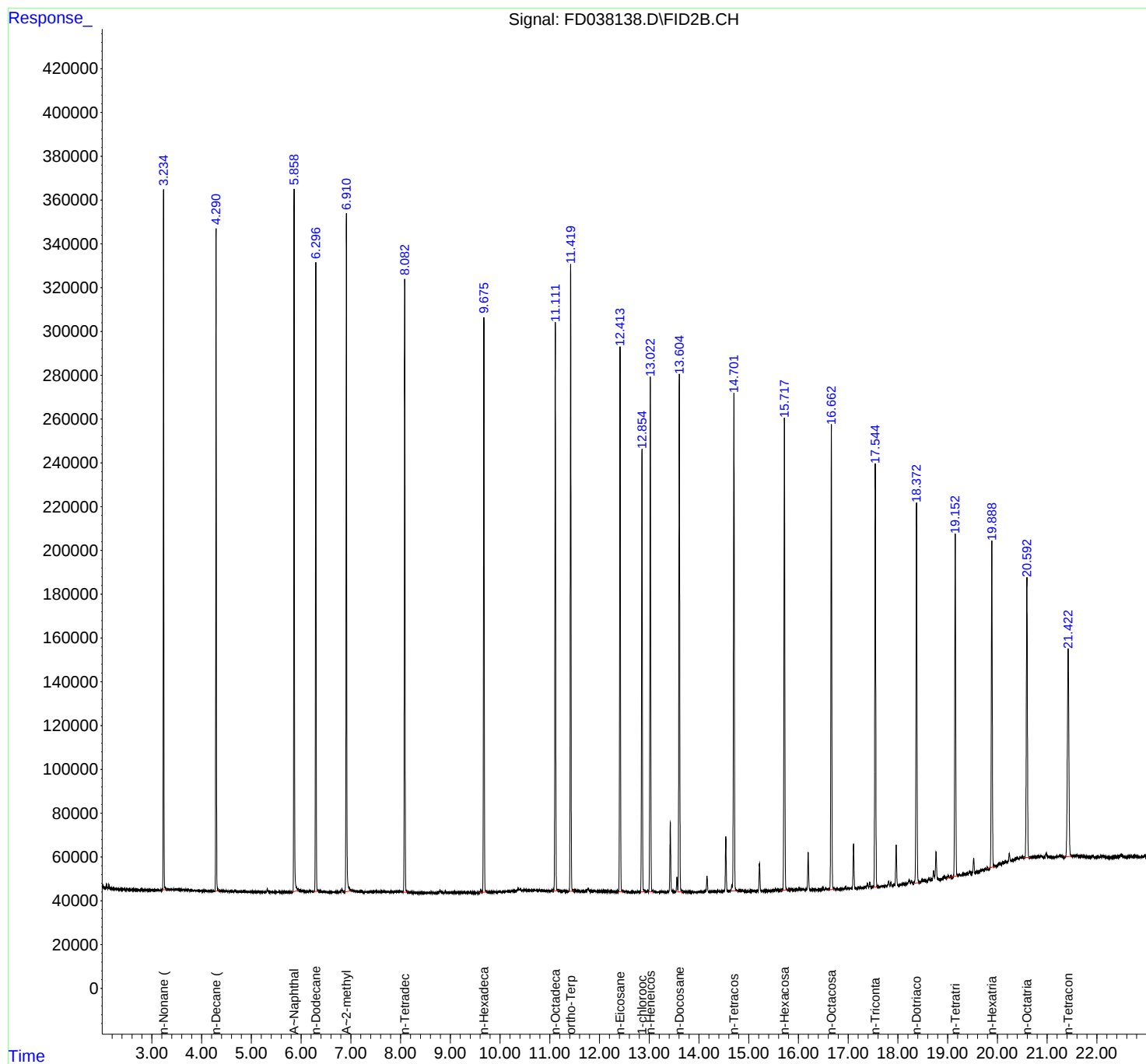
(m)=manual int.

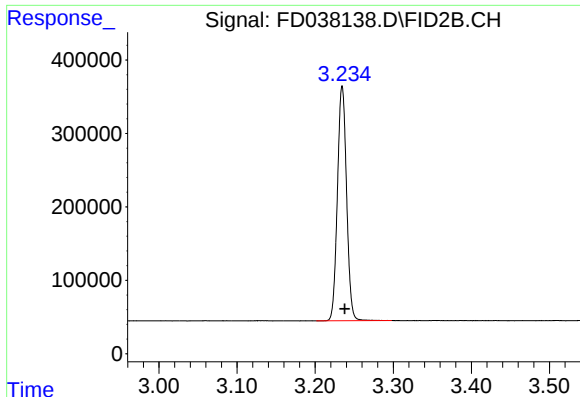
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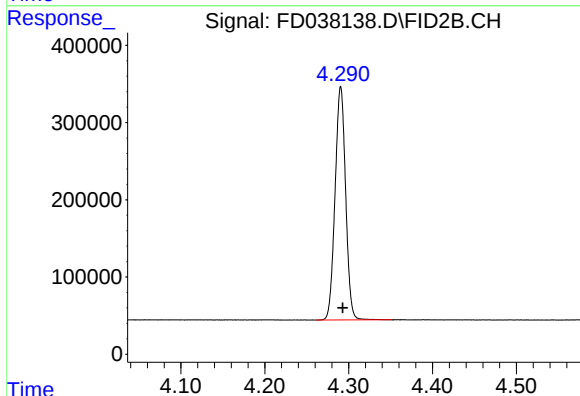




#1 n-Nonane (C9)

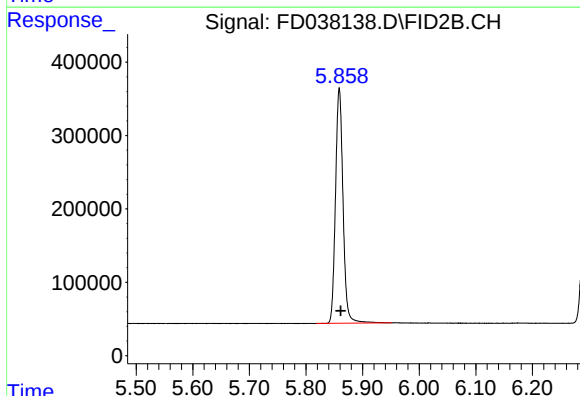
R.T.: 3.235 min
Delta R.T.: -0.003 min
Response: 2601699
Conc: 21.41 ug/ml

Instrument :
FID_D
ClientSampleId :



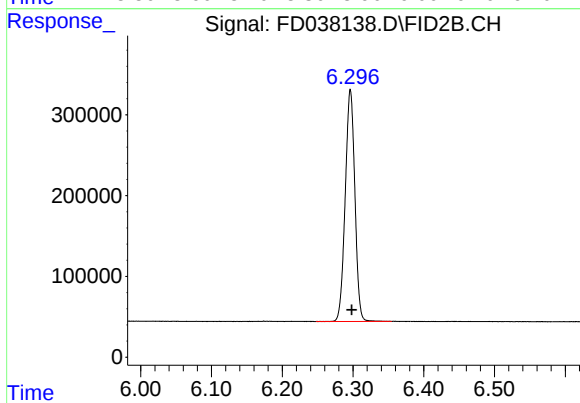
#2 n-Decane (C10)

R.T.: 4.291 min
Delta R.T.: -0.002 min
Response: 2647544
Conc: 21.65 ug/ml



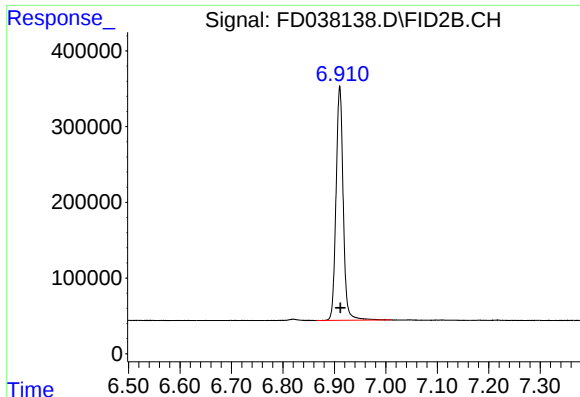
#3 A~Naphthalene (C11.7)

R.T.: 5.859 min
Delta R.T.: -0.002 min
Response: 2960843
Conc: 21.66 ug/ml



#4 n-Dodecane (C12)

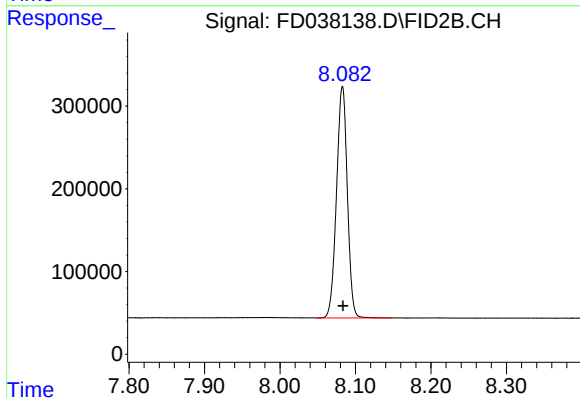
R.T.: 6.296 min
Delta R.T.: -0.002 min
Response: 2710749
Conc: 21.76 ug/ml



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

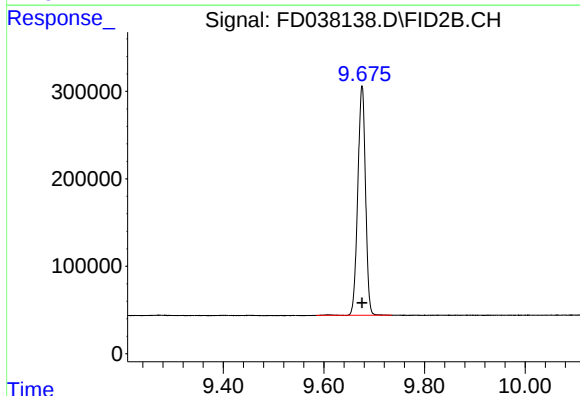
R.T.: 6.910 min
Delta R.T.: -0.001 min
Response: 2993027
Conc: 21.73 ug/ml

Instrument :
FID_D
ClientSampleId :



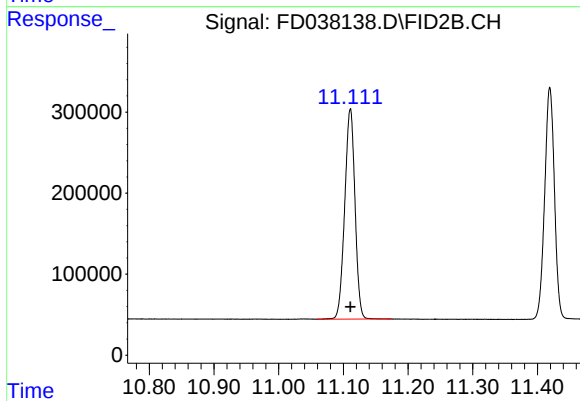
#6 n-Tetradecane (C14)

R.T.: 8.083 min
Delta R.T.: -0.001 min
Response: 2791965
Conc: 21.72 ug/ml



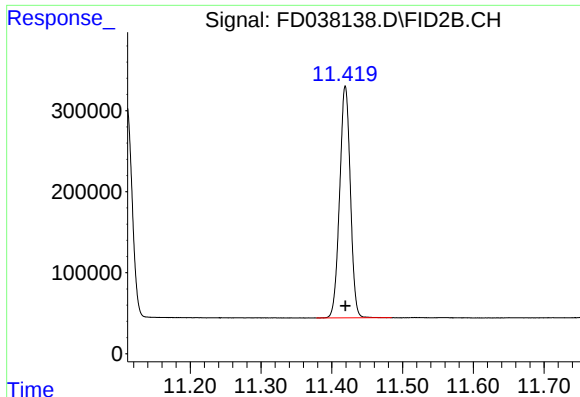
#7 n-Hexadecane (C16)

R.T.: 9.676 min
Delta R.T.: 0.000 min
Response: 2807154
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

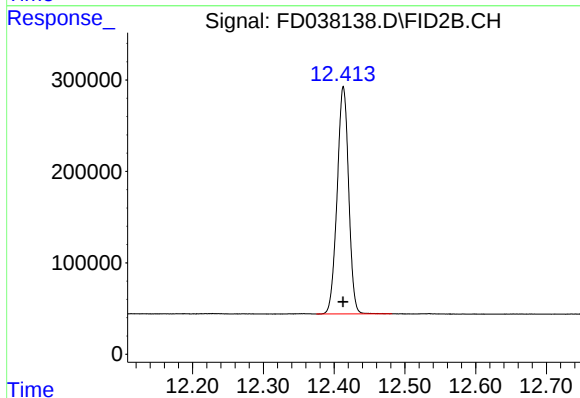
R.T.: 11.111 min
Delta R.T.: 0.000 min
Response: 2869216
Conc: 21.30 ug/ml



#9 ortho-Terphenyl (SURR)

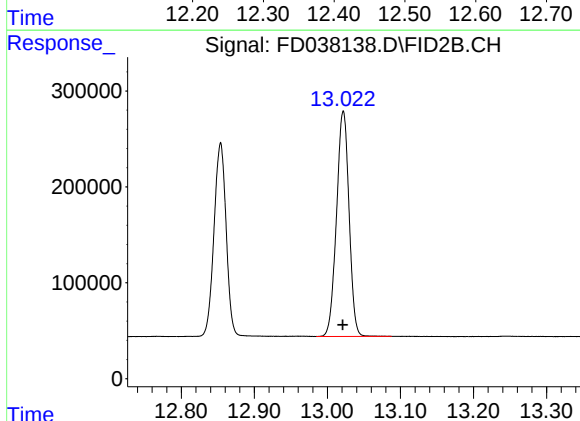
R.T.: 11.419 min
Delta R.T.: 0.000 min
Response: 3004557
Conc: 20.79 ug/ml

Instrument :
FID_D
ClientSampleId :



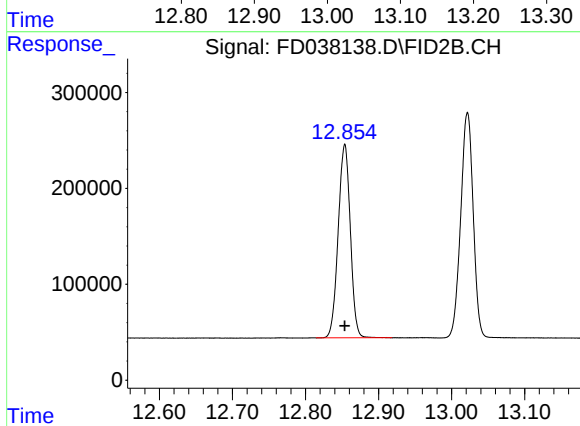
#10 n-Eicosane (C20)

R.T.: 12.413 min
Delta R.T.: 0.000 min
Response: 2808010
Conc: 20.91 ug/ml



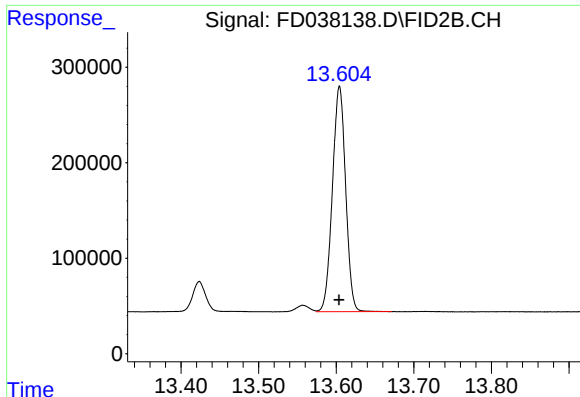
#11 n-Heneicosane (C21)

R.T.: 13.022 min
Delta R.T.: 0.000 min
Response: 2800418
Conc: 20.61 ug/ml



#12 1-chlorooctadecane (SURR)

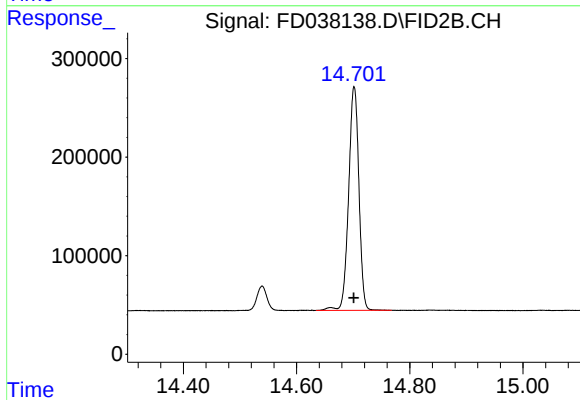
R.T.: 12.854 min
Delta R.T.: 0.000 min
Response: 2328323
Conc: 20.42 ug/ml



#13 n-Docosane (C22)

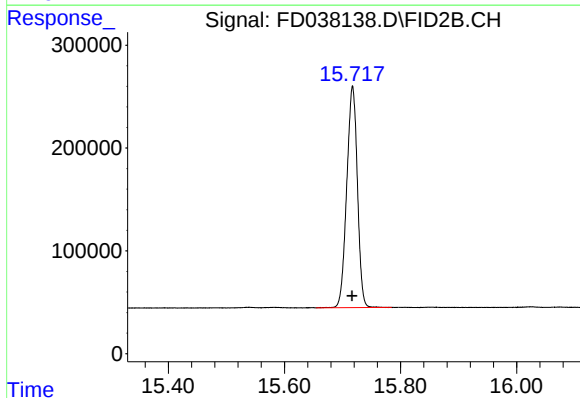
R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 2800486
Conc: 20.81 ug/ml

Instrument :
FID_D
ClientSampleId :



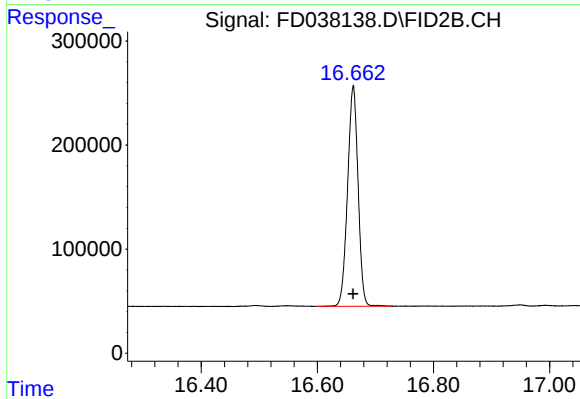
#14 n-Tetracosane (C24)

R.T.: 14.702 min
Delta R.T.: 0.000 min
Response: 2864532
Conc: 21.21 ug/ml



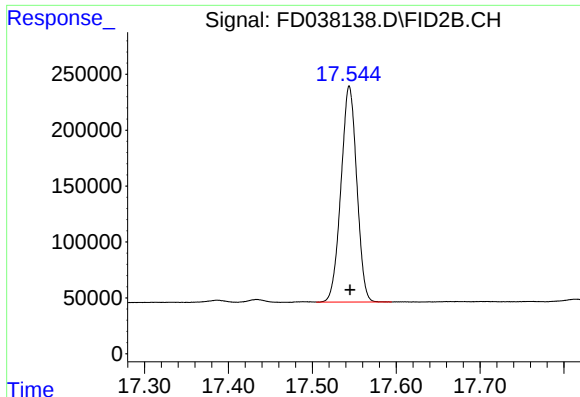
#15 n-Hexacosane (C26)

R.T.: 15.717 min
Delta R.T.: 0.001 min
Response: 2742105
Conc: 20.81 ug/ml



#16 n-Octacosane (C28)

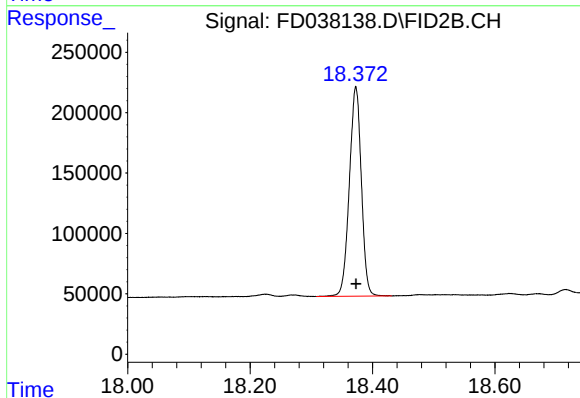
R.T.: 16.662 min
Delta R.T.: 0.000 min
Response: 2657607
Conc: 20.38 ug/ml



#17 n-Tricontane (C30)

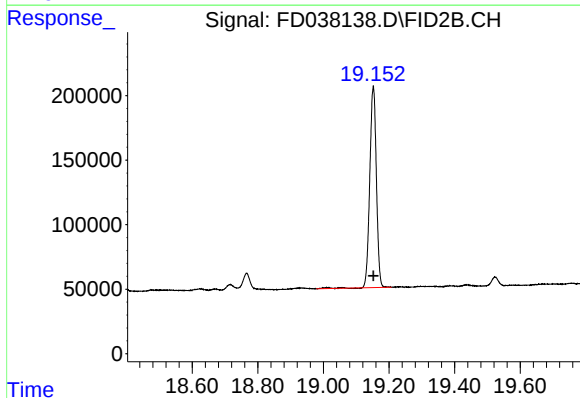
R.T.: 17.544 min
Delta R.T.: 0.000 min
Response: 2525415
Conc: 19.76 ug/ml

Instrument :
FID_D
ClientSampleId :



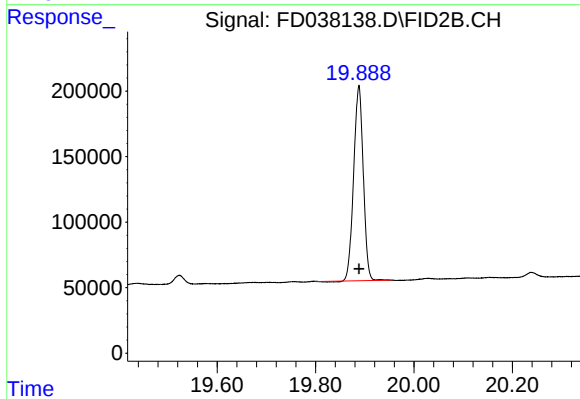
#18 n-Dotriacontane (C32)

R.T.: 18.373 min
Delta R.T.: 0.000 min
Response: 2355297
Conc: 19.14 ug/ml



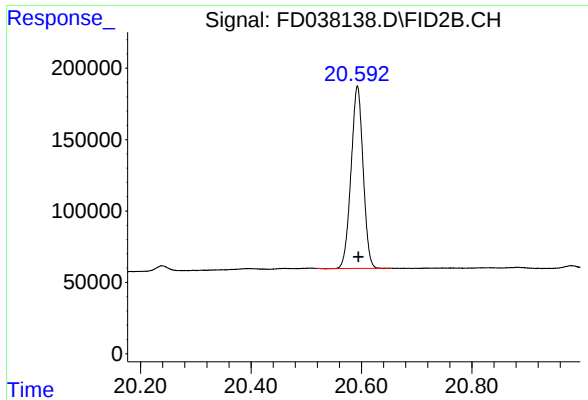
#19 n-Tetratriacontane (C34)

R.T.: 19.152 min
Delta R.T.: 0.000 min
Response: 2183173
Conc: 18.64 ug/ml



#20 n-Hexatriacontane (C36)

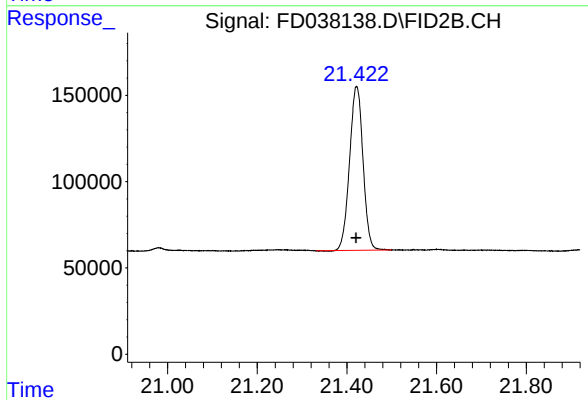
R.T.: 19.888 min
Delta R.T.: 0.000 min
Response: 2016919
Conc: 18.47 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.593 min
Delta R.T.: -0.002 min
Response: 1933403
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.422 min
Delta R.T.: 0.001 min
Response: 1977482
Conc: 20.22 ug/ml