

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061021AL\
 Data File : FD037850.D
 Signal(s) : FID2B.CH
 Acq On : 10 Jun 2021 15:14
 Operator : DD\AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 11 05:03:58 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 061021.M
 Quant Title : GC Extractables
 QLast Update : Fri Jun 11 05:03:11 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)	11.448	7064172	51.724 ug/ml
Spiked Amount 50.000		Recovery =	103.45%
12) S 1-chlorooctadecane (S...	12.882	5462601	50.663 ug/ml
Spiked Amount 50.000		Recovery =	101.33%
Target Compounds			
1) T n-Nonane (C9)	3.254	5929791	50.814 ug/ml
2) T n-Decane (C10)	4.312	5989199	50.915 ug/ml
3) T A~Naphthalene (C11.7)	5.883	6712206	51.449 ug/ml
4) T n-Dodecane (C12)	6.319	6031924	50.881 ug/ml
5) T A~2-methylnaphthalene...	6.936	6766248	51.629 ug/ml
6) T n-Tetradecane (C14)	8.107	6200718	51.435 ug/ml
7) T n-Hexadecane (C16)	9.701	6286424	50.699 ug/ml
8) T n-Octadecane (C18)	11.138	6474719	50.611 ug/ml
10) T n-Eicosane (C20)	12.441	8699126	68.384 ug/ml
11) T n-Heneicosane (C21)	13.050	6464595	50.436 ug/ml
13) T n-Docosane (C22)	13.633	6402321	50.618 ug/ml
14) T n-Tetracosane (C24)	14.731	6370119	50.718 ug/ml
15) T n-Hexacosane (C26)	15.747	6192630	50.865 ug/ml
16) T n-Octacosane (C28)	16.691	6057139	50.843 ug/ml
17) T n-Tricontane (C30)	17.574	5838395	50.524 ug/ml
18) T n-Dotriacontane (C32)	18.402	5512624	49.588 ug/ml
19) T n-Tetratriacontane (C34)	19.181	5264824	50.496 ug/ml
20) T n-Hexatriacontane (C36)	19.917	4878828	50.220 ug/ml
21) T n-Octatriacontane (C38)	20.624	4541083	50.742 ug/ml
22) T n-Tetracontane (C40)	21.462	4494754	44.180 ug/ml

(f)=RT Delta > 1/2 Window

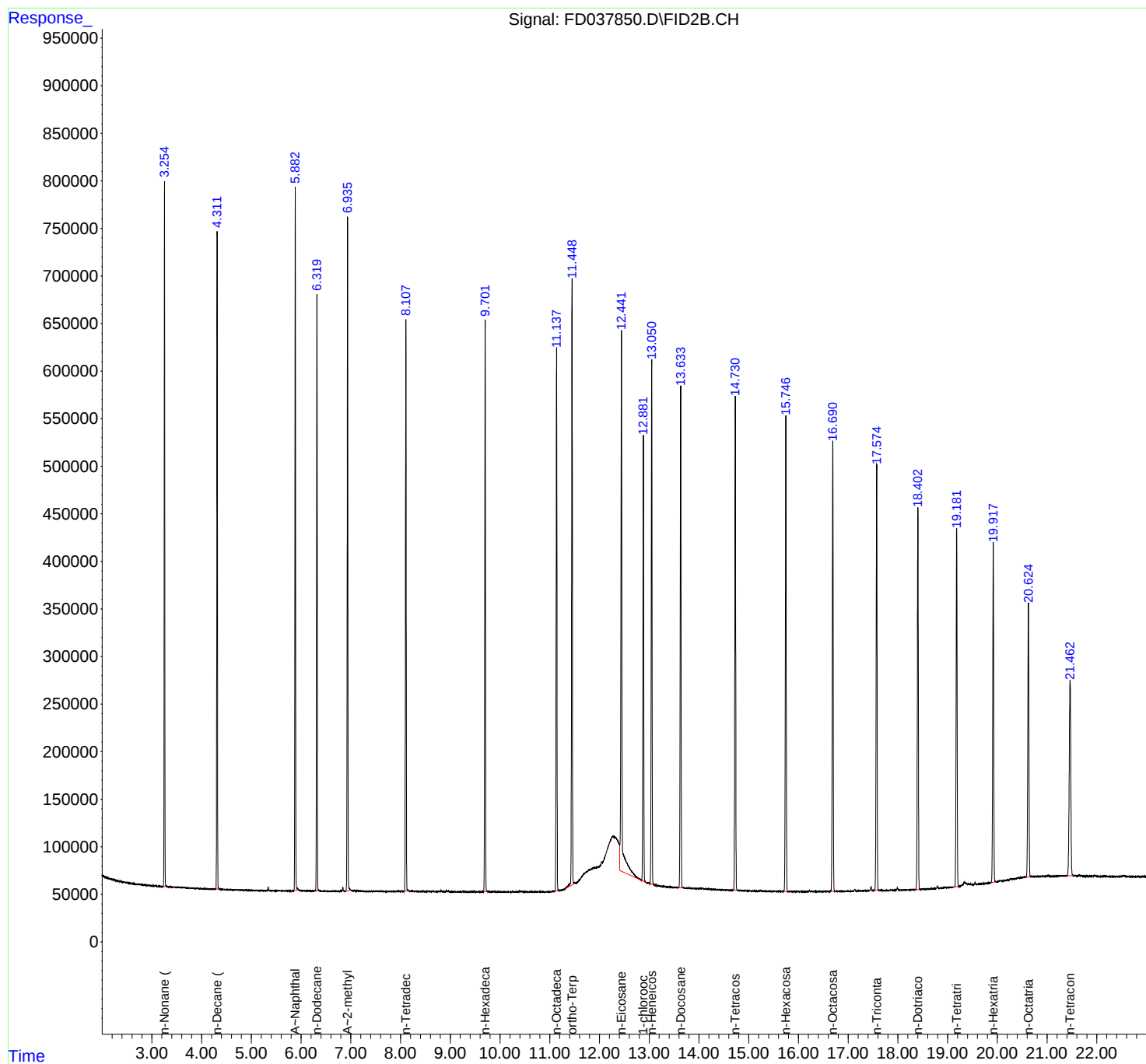
(m)=manual int.

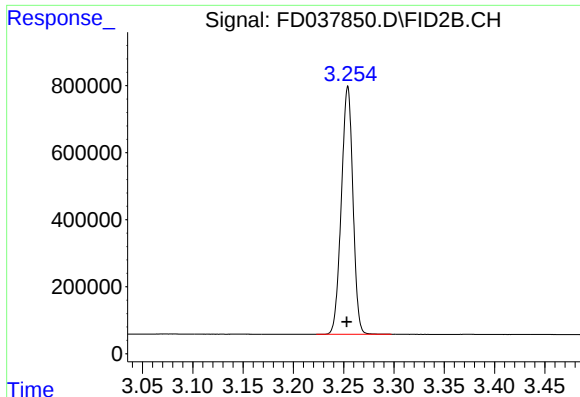
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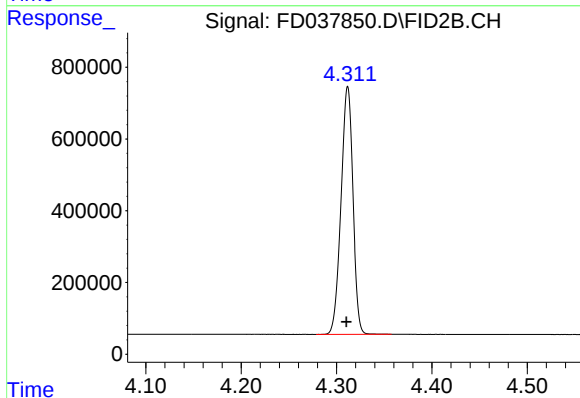




#1 n-Nonane (C9)

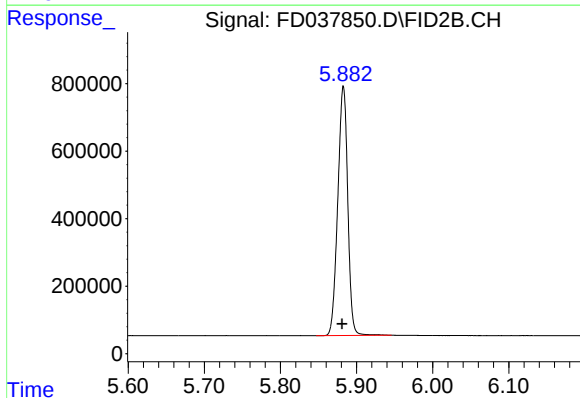
R.T.: 3.254 min
Delta R.T.: 0.001 min
Response: 5929791
Conc: 50.81 ug/ml

Instrument :
FID_D
ClientSampleId :



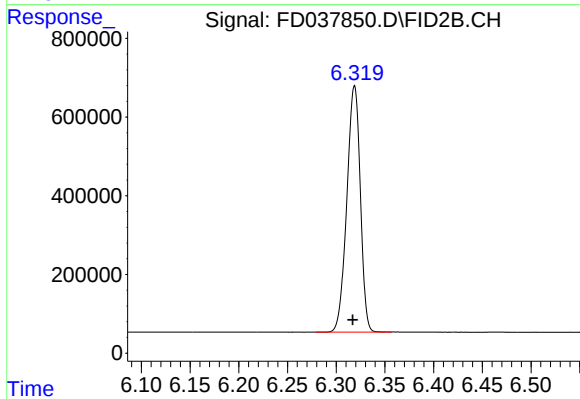
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: 0.001 min
Response: 5989199
Conc: 50.91 ug/ml



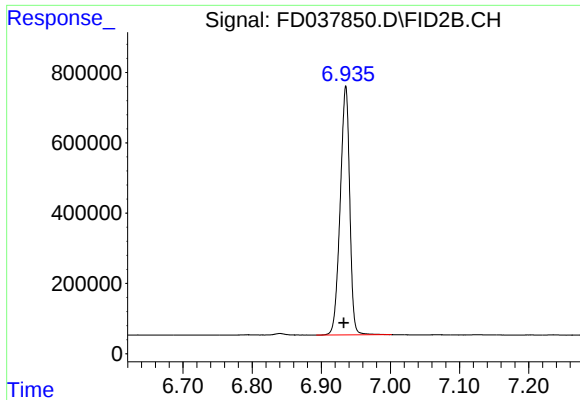
#3 A~Naphthalene (C11.7)

R.T.: 5.883 min
Delta R.T.: 0.002 min
Response: 6712206
Conc: 51.45 ug/ml



#4 n-Dodecane (C12)

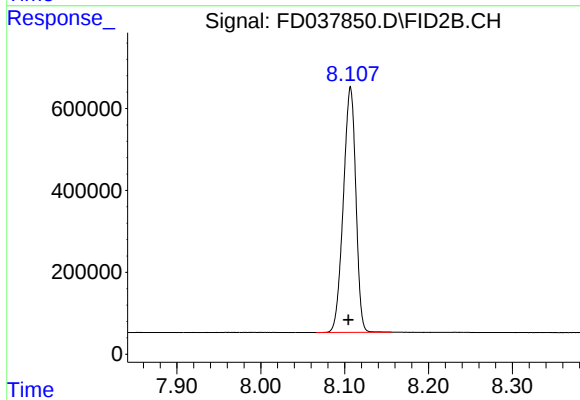
R.T.: 6.319 min
Delta R.T.: 0.002 min
Response: 6031924
Conc: 50.88 ug/ml



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

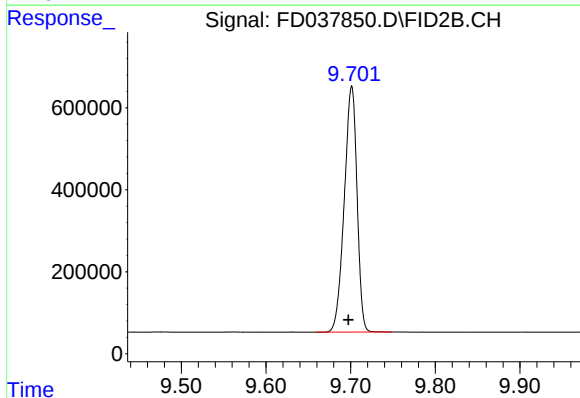
R.T.: 6.936 min
Delta R.T.: 0.003 min
Response: 6766248
Conc: 51.63 ug/ml

Instrument :
FID_D
ClientSampleId :



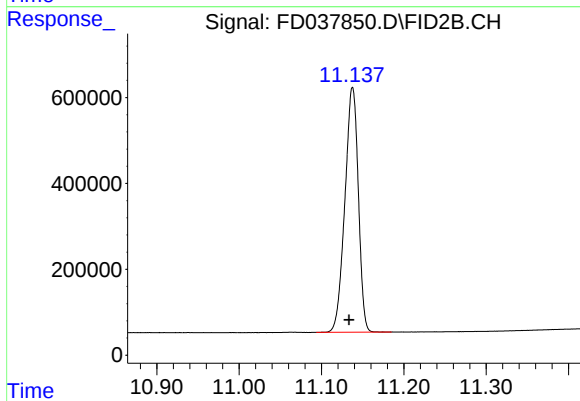
#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: 0.003 min
Response: 6200718
Conc: 51.43 ug/ml



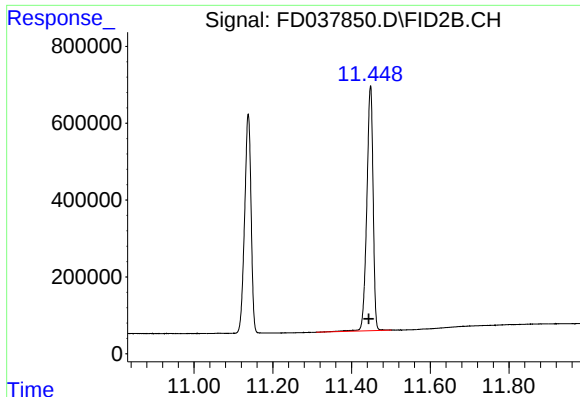
#7 n-Hexadecane (C16)

R.T.: 9.701 min
Delta R.T.: 0.004 min
Response: 6286424
Conc: 50.70 ug/ml



#8 n-Octadecane (C18)

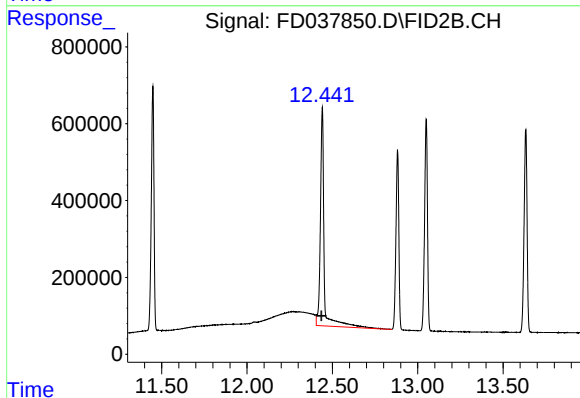
R.T.: 11.138 min
Delta R.T.: 0.004 min
Response: 6474719
Conc: 50.61 ug/ml



#9 ortho-Terphenyl (SURR)

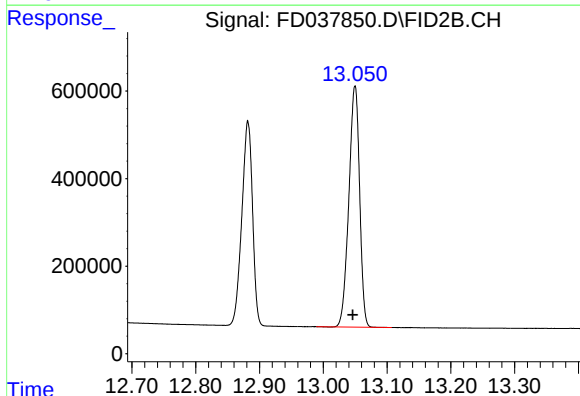
R.T.: 11.448 min
Delta R.T.: 0.005 min
Response: 7064172
Conc: 51.72 ug/ml

Instrument :
FID_D
ClientSampleId :



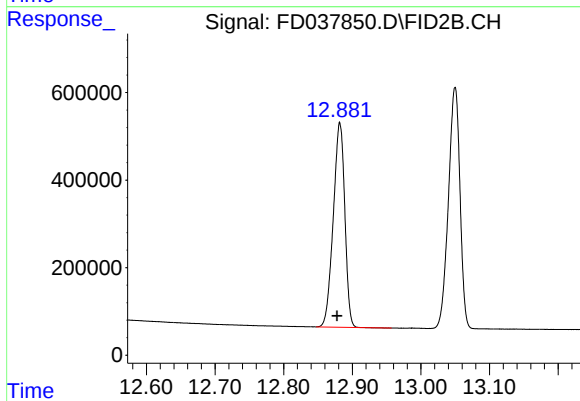
#10 n-Eicosane (C20)

R.T.: 12.441 min
Delta R.T.: 0.005 min
Response: 8699126
Conc: 68.38 ug/ml



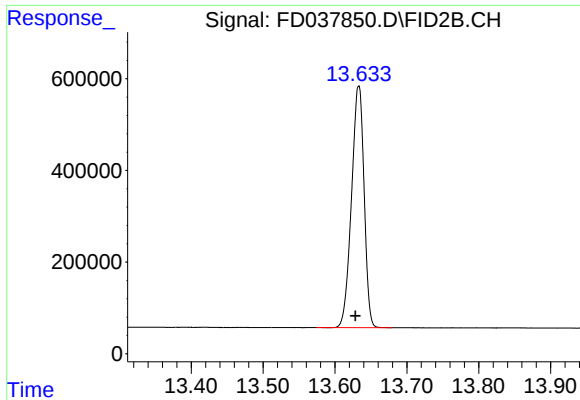
#11 n-Heneicosane (C21)

R.T.: 13.050 min
Delta R.T.: 0.004 min
Response: 6464595
Conc: 50.44 ug/ml



#12 1-chlorooctadecane (SURR)

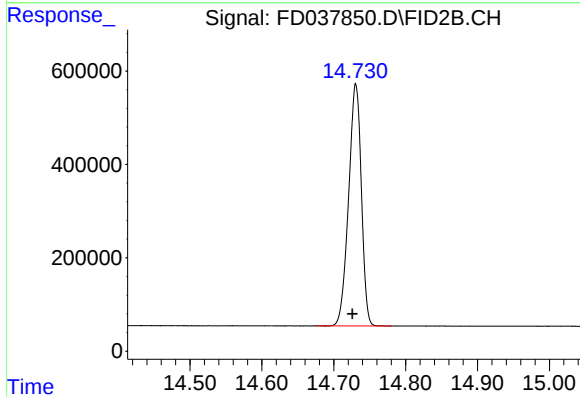
R.T.: 12.882 min
Delta R.T.: 0.004 min
Response: 5462601
Conc: 50.66 ug/ml



#13 n-Docosane (C22)

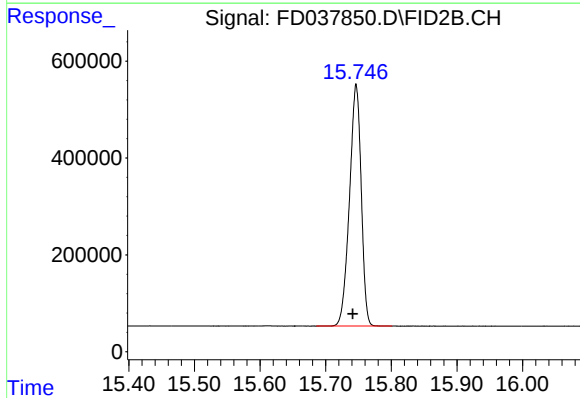
R.T.: 13.633 min
Delta R.T.: 0.005 min
Response: 6402321
Conc: 50.62 ug/ml

Instrument :
FID_D
ClientSampleId :



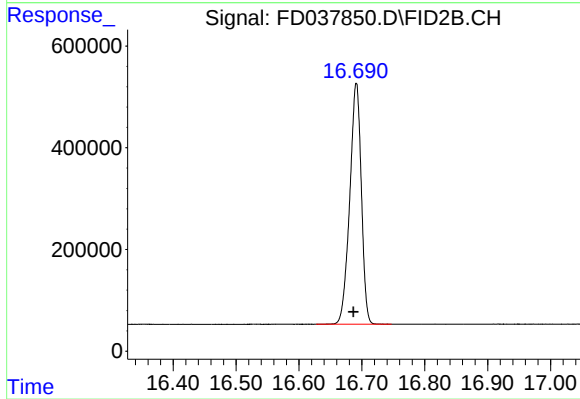
#14 n-Tetracosane (C24)

R.T.: 14.731 min
Delta R.T.: 0.005 min
Response: 6370119
Conc: 50.72 ug/ml



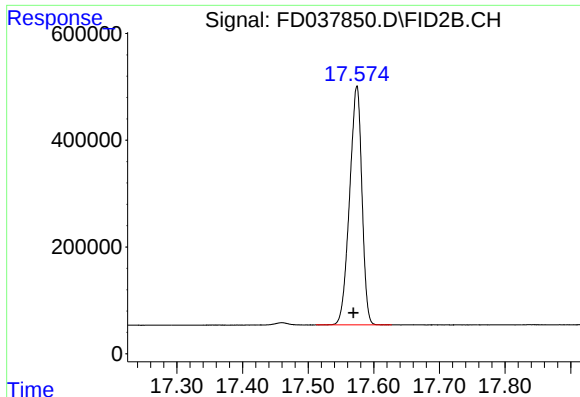
#15 n-Hexacosane (C26)

R.T.: 15.747 min
Delta R.T.: 0.005 min
Response: 6192630
Conc: 50.87 ug/ml



#16 n-Octacosane (C28)

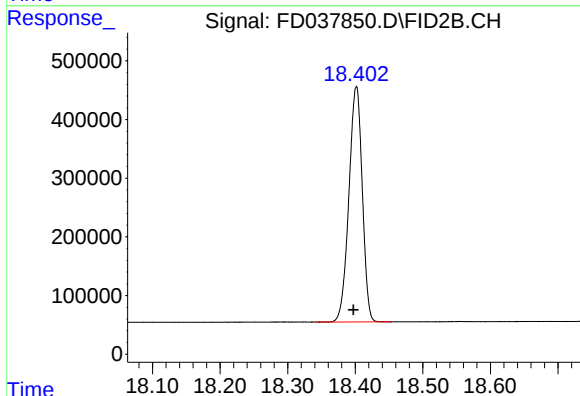
R.T.: 16.691 min
Delta R.T.: 0.005 min
Response: 6057139
Conc: 50.84 ug/ml



#17 n-Tricontane (C30)

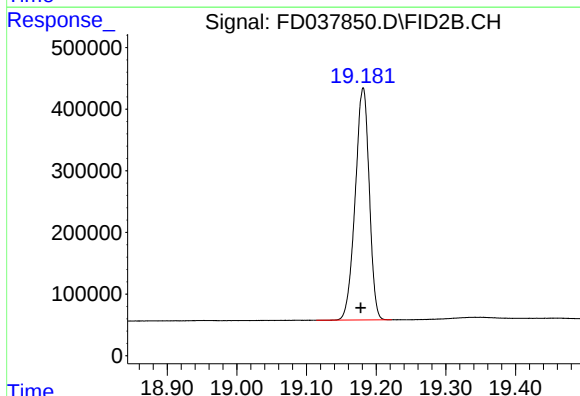
R.T.: 17.574 min
Delta R.T.: 0.005 min
Response: 5838395
Conc: 50.52 ug/ml

Instrument :
FID_D
ClientSampleId :



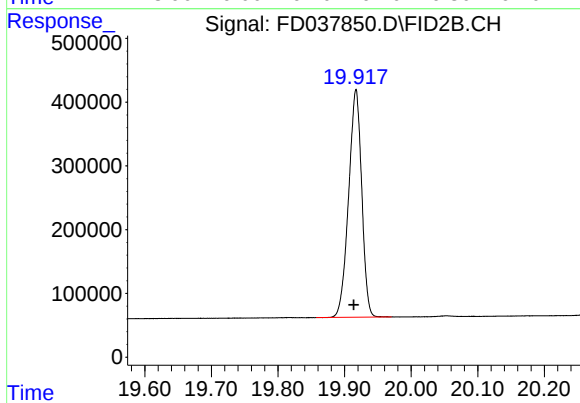
#18 n-Dotriacontane (C32)

R.T.: 18.402 min
Delta R.T.: 0.004 min
Response: 5512624
Conc: 49.59 ug/ml



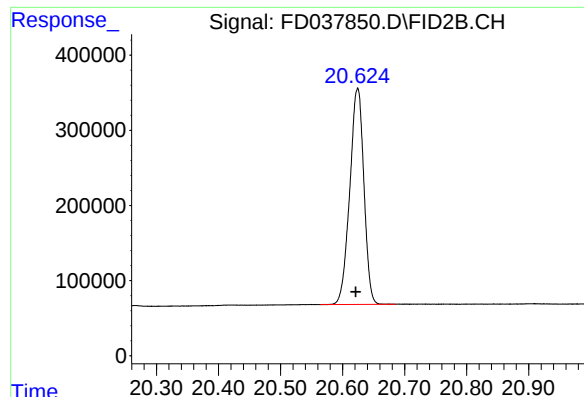
#19 n-Tetratriacontane (C34)

R.T.: 19.181 min
Delta R.T.: 0.003 min
Response: 5264824
Conc: 50.50 ug/ml



#20 n-Hexatriacontane (C36)

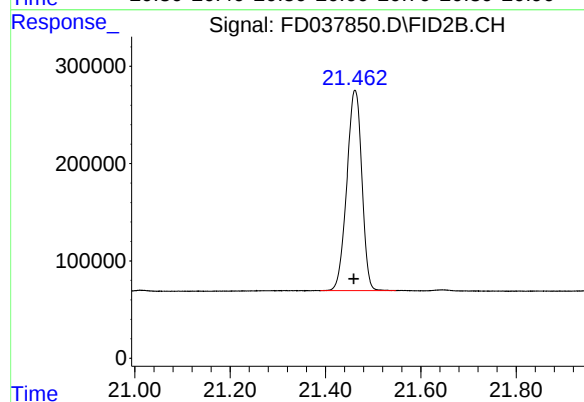
R.T.: 19.917 min
Delta R.T.: 0.003 min
Response: 4878828
Conc: 50.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.624 min
Delta R.T.: 0.003 min
Response: 4541083
Conc: 50.74 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.462 min
Delta R.T.: 0.003 min
Response: 4494754
Conc: 44.18 ug/ml