

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122120AL\
 Data File : FD035820.D
 Signal(s) : FID2B.CH
 Acq On : 21 Dec 2020 20:28
 Operator : DD\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Dec 22 01:50:01 2020
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 122120.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 22 01:48:46 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)	11.486	2721601	20.591 ug/ml
Spiked Amount 50.000		Recovery =	41.18%
12) S 1-chlorooctadecane (S...	12.918	2183911	20.639 ug/ml
Spiked Amount 50.000		Recovery =	41.28%
Target Compounds			
1) T n-Nonane (C9)	3.288	2341769	20.639 ug/ml
2) T n-Decane (C10)	4.348	2364326	20.704 ug/ml
3) T A~Naphthalene (C11.7)	5.926	2533223	20.847 ug/ml
4) T n-Dodecane (C12)	6.356	2443727	20.656 ug/ml
5) T A~2-methylnaphthalene...	6.978	2559221	20.740 ug/ml
6) T n-Tetradecane (C14)	8.143	2458973	20.651 ug/ml
7) T n-Hexadecane (C16)	9.736	2425191	20.704 ug/ml
8) T n-Octadecane (C18)	11.172	2550300	20.646 ug/ml
10) T n-Eicosane (C20)	12.475	2578354	20.591 ug/ml
11) T n-Heneicosane (C21)	13.084	2572280	20.584 ug/ml
13) T n-Docosane (C22)	13.668	2562179	20.598 ug/ml
14) T n-Tetracosane (C24)	14.767	2541921	20.614 ug/ml
15) T n-Hexacosane (C26)	15.783	2484082	20.661 ug/ml
16) T n-Octacosane (C28)	16.727	2420566	20.646 ug/ml
17) T n-Tricontane (C30)	17.611	2300137	20.540 ug/ml
18) T n-Dotriacontane (C32)	18.437	2083623	20.513 ug/ml
19) T n-Tetratriacontane (C34)	19.216	1919935	20.467 ug/ml
20) T n-Hexatriacontane (C36)	19.951	1766785	20.283 ug/ml
21) T n-Octatriacontane (C38)	20.665	1684315	20.401 ug/ml
22) T n-Tetracontane (C40)	21.523	1742898	20.894 ug/ml

(f)=RT Delta > 1/2 Window

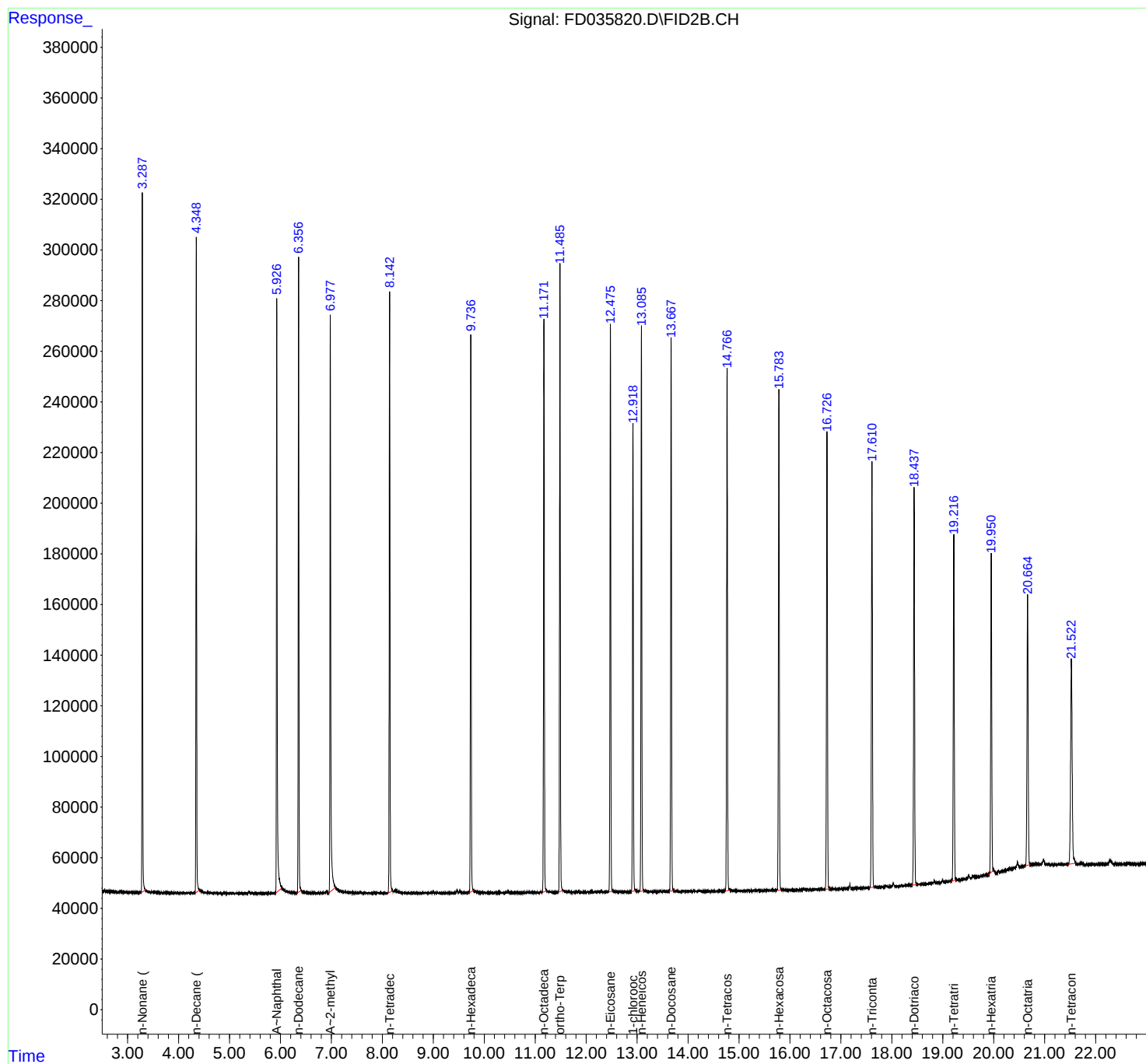
(m)=manual int.

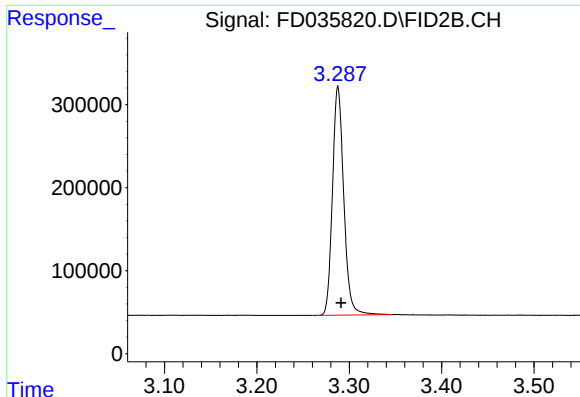
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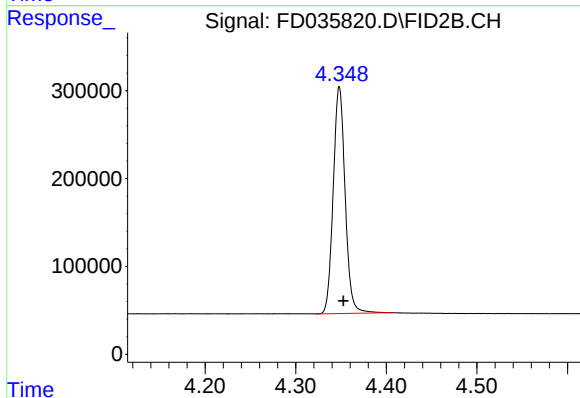




#1 n-Nonane (C9)

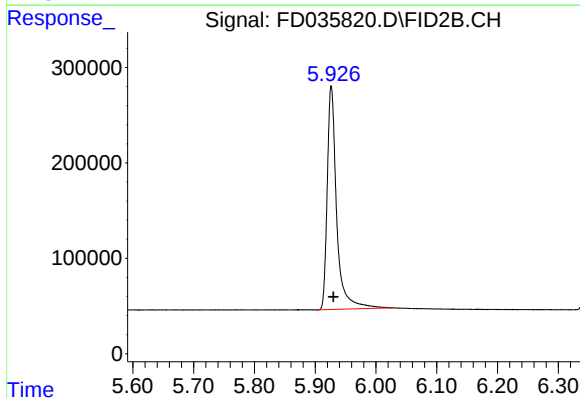
R.T.: 3.288 min
Delta R.T.: -0.003 min
Response: 2341769
Conc: 20.64 ug/ml

Instrument :
FID_D
ClientSampleId :



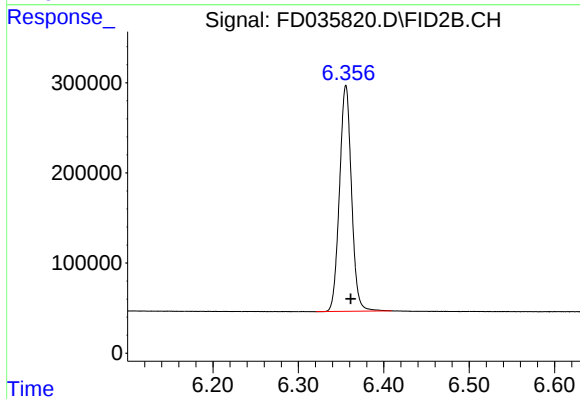
#2 n-Decane (C10)

R.T.: 4.348 min
Delta R.T.: -0.004 min
Response: 2364326
Conc: 20.70 ug/ml



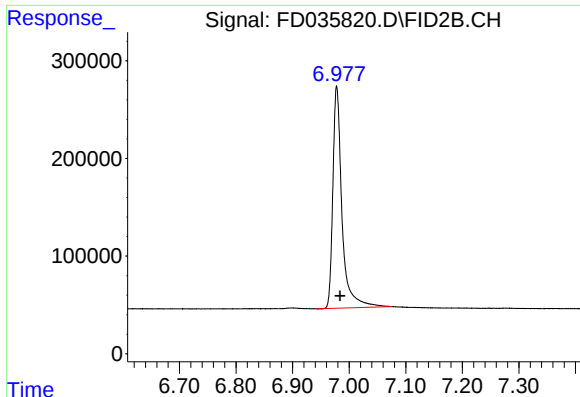
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.003 min
Response: 2533223
Conc: 20.85 ug/ml



#4 n-Dodecane (C12)

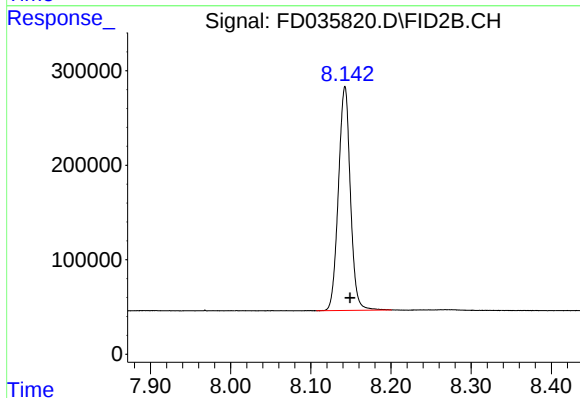
R.T.: 6.356 min
Delta R.T.: -0.006 min
Response: 2443727
Conc: 20.66 ug/ml



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

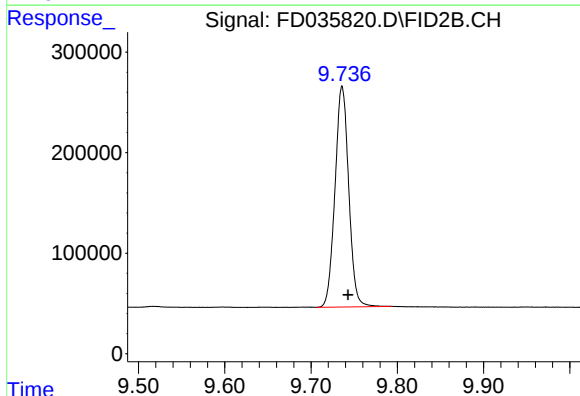
R.T.: 6.978 min
Delta R.T.: -0.006 min
Response: 2559221
Conc: 20.74 ug/ml

Instrument :
FID_D
ClientSampleId :



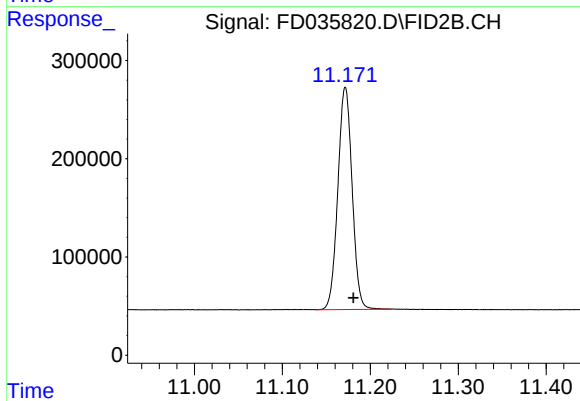
#6 n-Tetradecane (C14)

R.T.: 8.143 min
Delta R.T.: -0.006 min
Response: 2458973
Conc: 20.65 ug/ml



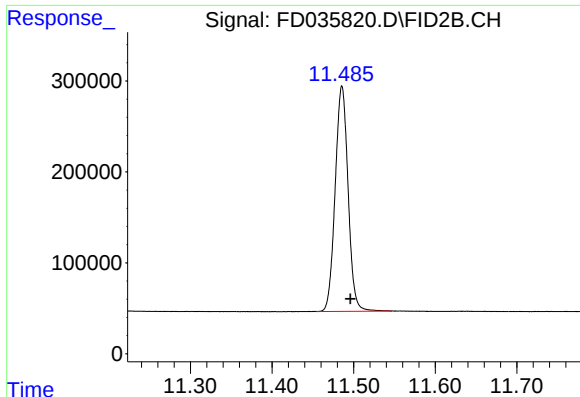
#7 n-Hexadecane (C16)

R.T.: 9.736 min
Delta R.T.: -0.007 min
Response: 2425191
Conc: 20.70 ug/ml



#8 n-Octadecane (C18)

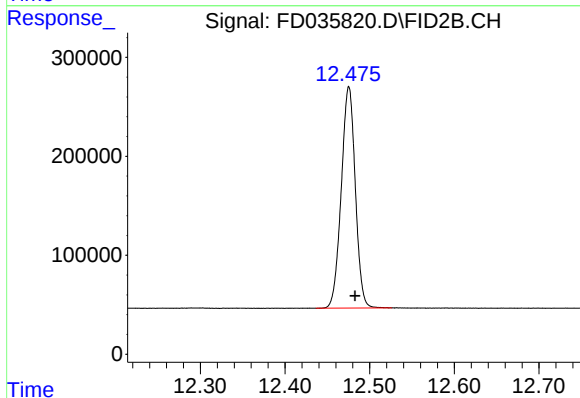
R.T.: 11.172 min
Delta R.T.: -0.009 min
Response: 2550300
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

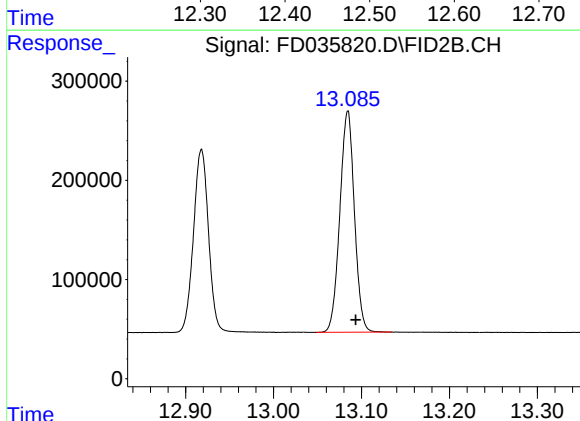
R.T.: 11.486 min
Delta R.T.: -0.010 min
Response: 2721601
Conc: 20.59 ug/ml

Instrument :
FID_D
ClientSampleId :



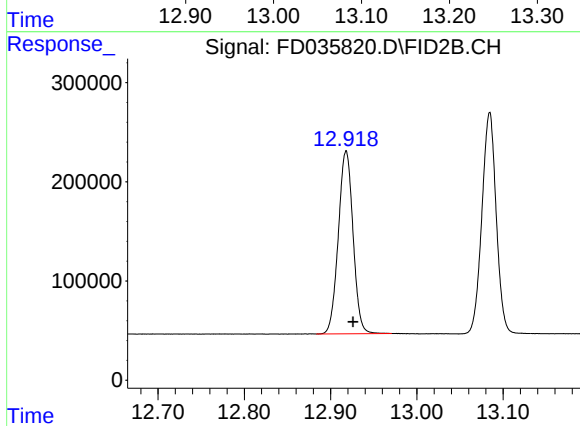
#10 n-Eicosane (C20)

R.T.: 12.475 min
Delta R.T.: -0.007 min
Response: 2578354
Conc: 20.59 ug/ml



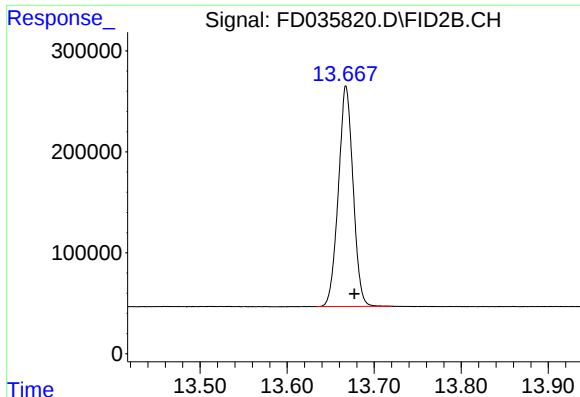
#11 n-Heneicosane (C21)

R.T.: 13.084 min
Delta R.T.: -0.009 min
Response: 2572280
Conc: 20.58 ug/ml



#12 1-chlorooctadecane (SURR)

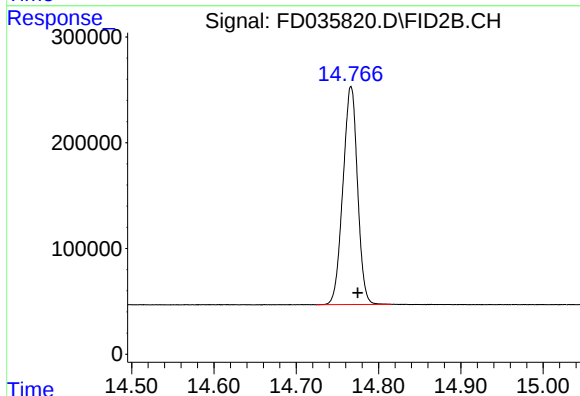
R.T.: 12.918 min
Delta R.T.: -0.008 min
Response: 2183911
Conc: 20.64 ug/ml



#13 n-Docosane (C22)

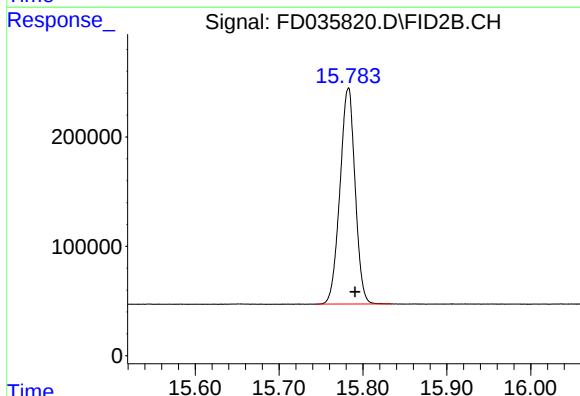
R.T.: 13.668 min
Delta R.T.: -0.010 min
Response: 2562179
Conc: 20.60 ug/ml

Instrument :
FID_D
ClientSampleId :



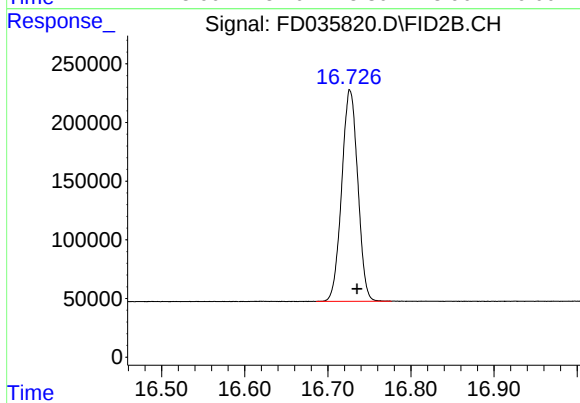
#14 n-Tetracosane (C24)

R.T.: 14.767 min
Delta R.T.: -0.008 min
Response: 2541921
Conc: 20.61 ug/ml



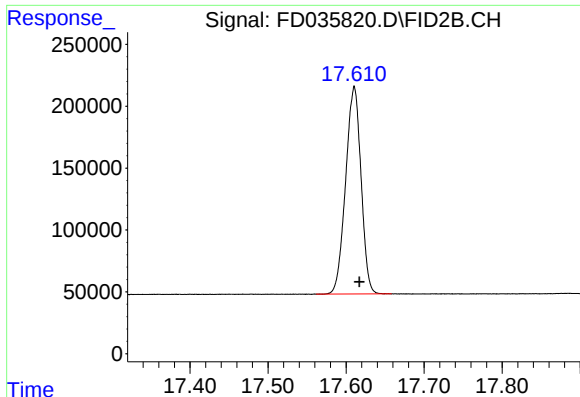
#15 n-Hexacosane (C26)

R.T.: 15.783 min
Delta R.T.: -0.008 min
Response: 2484082
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

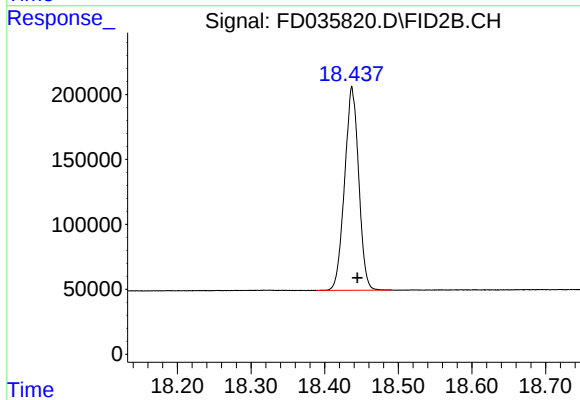
R.T.: 16.727 min
Delta R.T.: -0.008 min
Response: 2420566
Conc: 20.65 ug/ml



#17 n-Tricontane (C30)

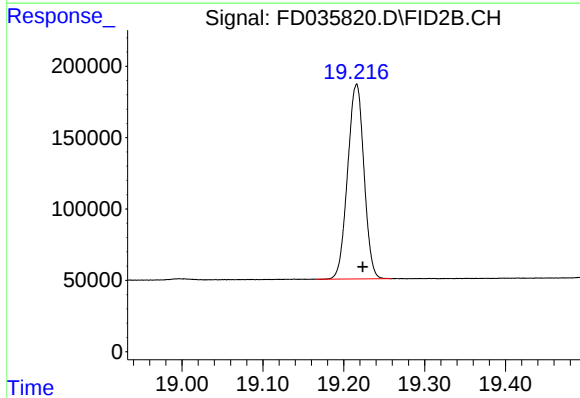
R.T.: 17.611 min
Delta R.T.: -0.007 min
Response: 2300137
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



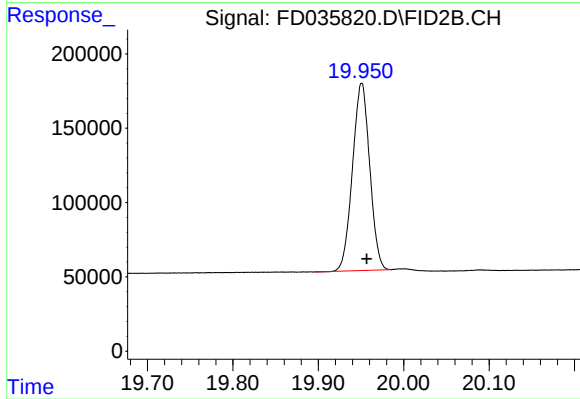
#18 n-Dotriacontane (C32)

R.T.: 18.437 min
Delta R.T.: -0.008 min
Response: 2083623
Conc: 20.51 ug/ml



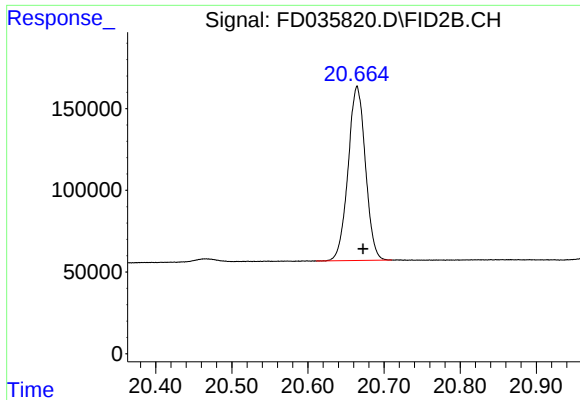
#19 n-Tetratriacontane (C34)

R.T.: 19.216 min
Delta R.T.: -0.007 min
Response: 1919935
Conc: 20.47 ug/ml



#20 n-Hexatriacontane (C36)

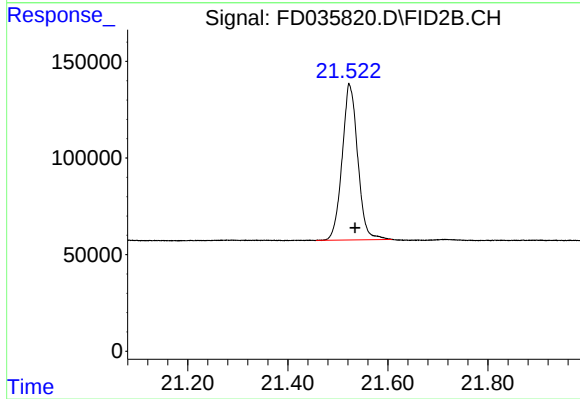
R.T.: 19.951 min
Delta R.T.: -0.006 min
Response: 1766785
Conc: 20.28 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.665 min
Delta R.T.: -0.008 min
Response: 1684315
Conc: 20.40 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.523 min
Delta R.T.: -0.012 min
Response: 1742898
Conc: 20.89 ug/ml