

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD060622AL\
 Data File : FD042799.D
 Signal(s) : FID2B.CH
 Acq On : 07 Jun 2022 6:43
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 53 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 07 07:07:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 052722.M
 Quant Title : GC Extractables
 QLast Update : Sat May 28 07:55:57 2022
 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)	11.578	3483222	20.973 ug/ml
Spiked Amount 50.000		Recovery =	41.95%
12) S 1-chlorooctadecane (S...	13.013	2748950	21.049 ug/ml
Spiked Amount 50.000		Recovery =	42.10%
Target Compounds			
1) T n-Nonane (C9)	3.346	2975248	21.477 ug/ml
2) T n-Decane (C10)	4.415	2974253	21.540 ug/ml
3) T A~Naphthalene (C11.7)	5.997	3422472	21.756 ug/ml
4) T n-Dodecane (C12)	6.431	3062632	21.612 ug/ml
5) T A~2-methylnaphthalene...	7.052	3487243	21.781 ug/ml
6) T n-Tetradecane (C14)	8.224	3117362	21.646 ug/ml
7) T n-Hexadecane (C16)	9.823	3194483	21.656 ug/ml
8) T n-Octadecane (C18)	11.263	3244480	21.556 ug/ml
10) T n-Eicosane (C20)	12.570	3231148	21.487 ug/ml
11) T n-Heneicosane (C21)	13.180	3191216	21.080 ug/ml
13) T n-Docosane (C22)	13.765	3286813	21.744 ug/ml
14) T n-Tetracosane (C24)	14.866	3377305	22.504 ug/ml
15) T n-Hexacosane (C26)	15.885	3369253	23.110 ug/ml
16) T n-Octacosane (C28)	16.833	3372904	24.183 ug/ml
17) T n-Tricontane (C30)	17.719	3218060	24.614 ug/ml
18) T n-Dotriacontane (C32)	18.548	2861598	24.235 ug/ml
19) T n-Tetratriacontane (C34)	19.329	2420671	22.771 ug/ml
20) T n-Hexatriacontane (C36)	20.067	2264094	23.155 ug/ml
21) T n-Octatriacontane (C38)	20.799	2221868	24.359 ug/ml
22) T n-Tetracontane (C40)	21.698	2110088	26.040 ug/ml

(f)=RT Delta > 1/2 Window

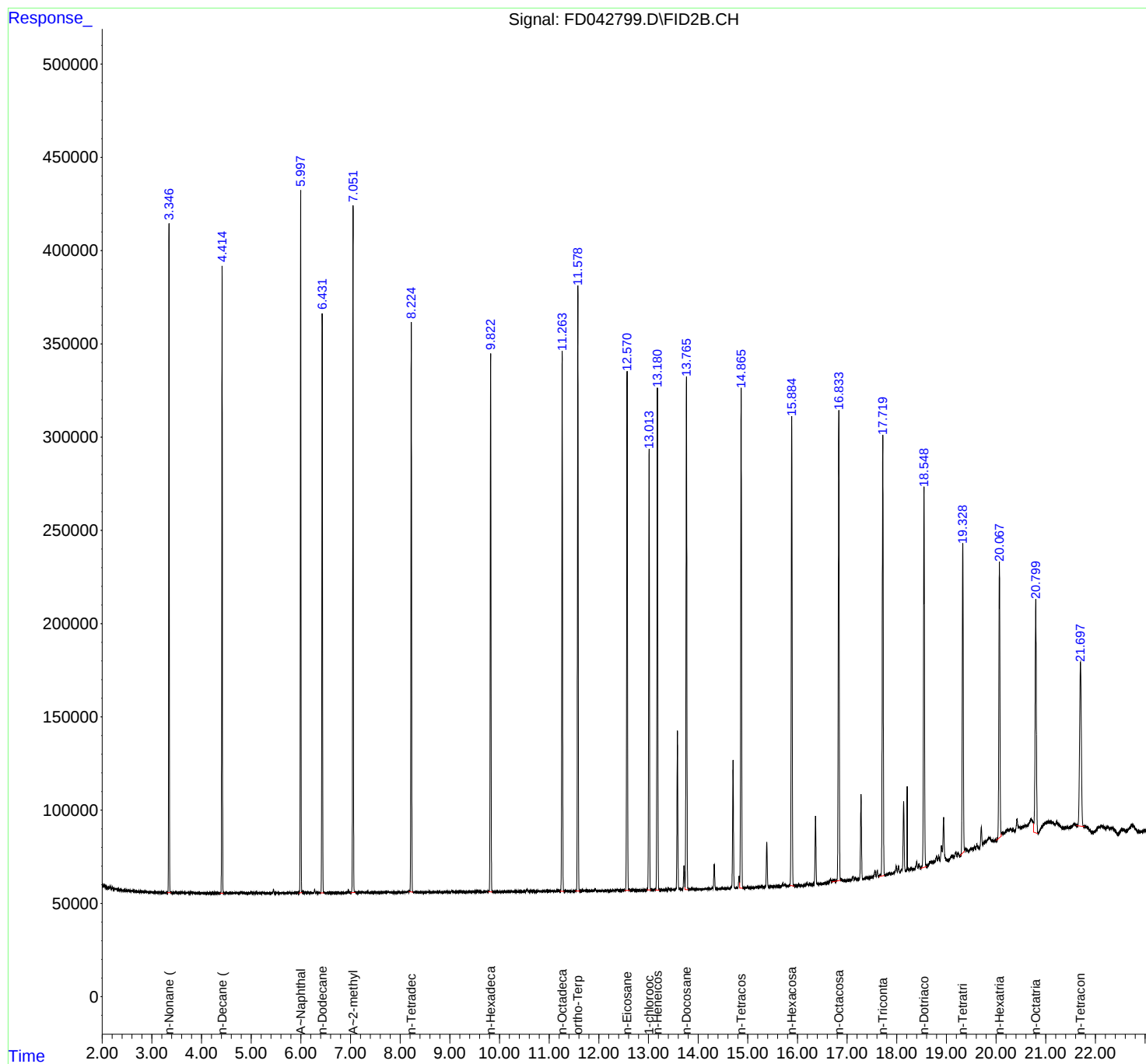
(m)=manual int.

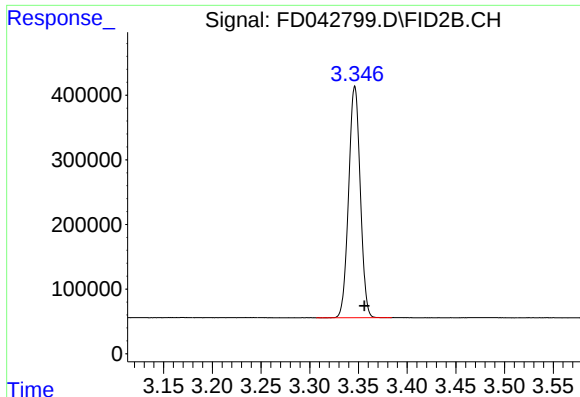
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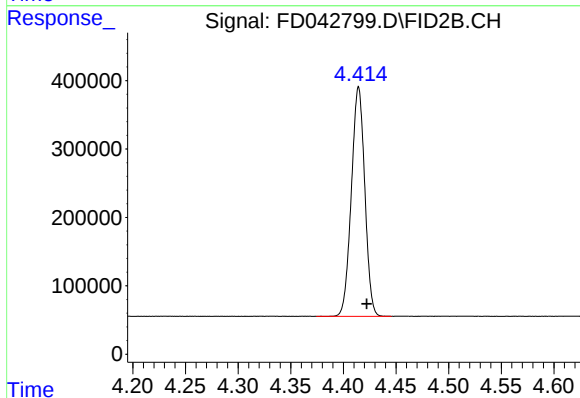




#1 n-Nonane (C9)

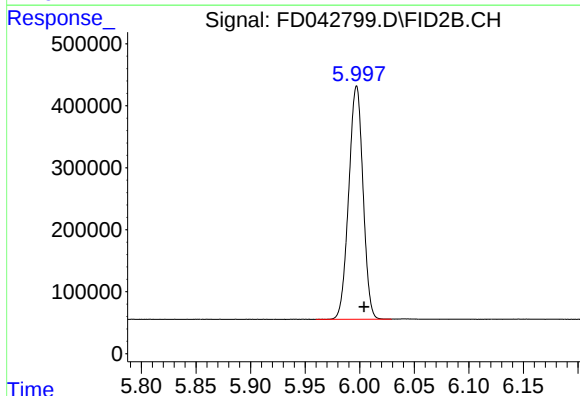
R.T.: 3.346 min
Delta R.T.: -0.010 min
Response: 2975248
Conc: 21.48 ug/ml

Instrument :
FID_D
ClientSampleId :



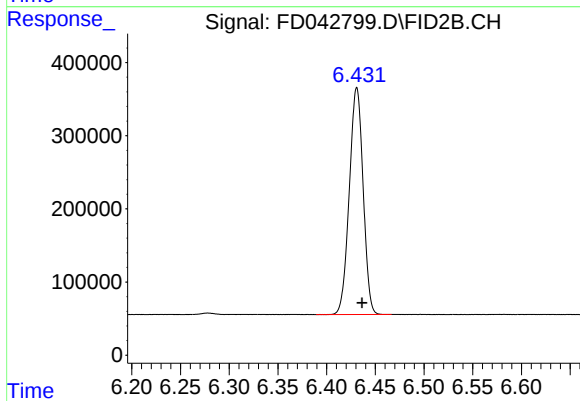
#2 n-Decane (C10)

R.T.: 4.415 min
Delta R.T.: -0.008 min
Response: 2974253
Conc: 21.54 ug/ml



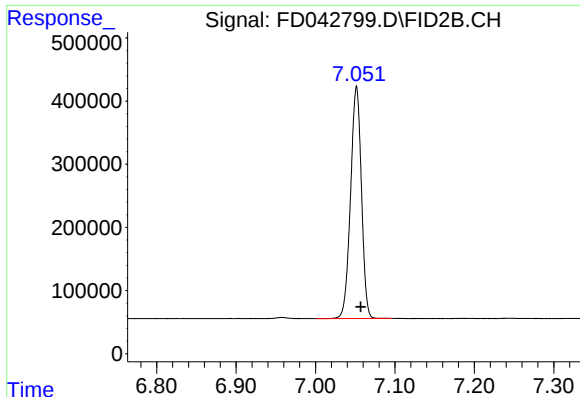
#3 A~Naphthalene (C11.7)

R.T.: 5.997 min
Delta R.T.: -0.007 min
Response: 3422472
Conc: 21.76 ug/ml



#4 n-Dodecane (C12)

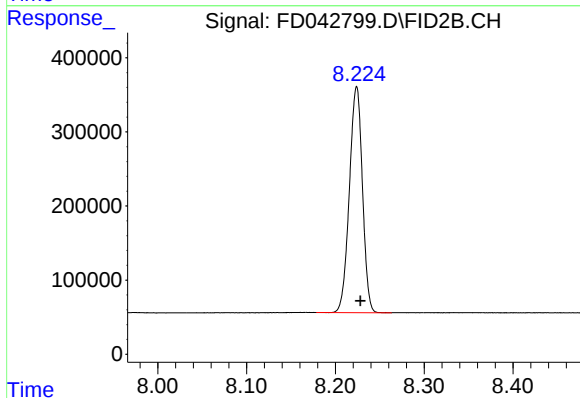
R.T.: 6.431 min
Delta R.T.: -0.005 min
Response: 3062632
Conc: 21.61 ug/ml



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

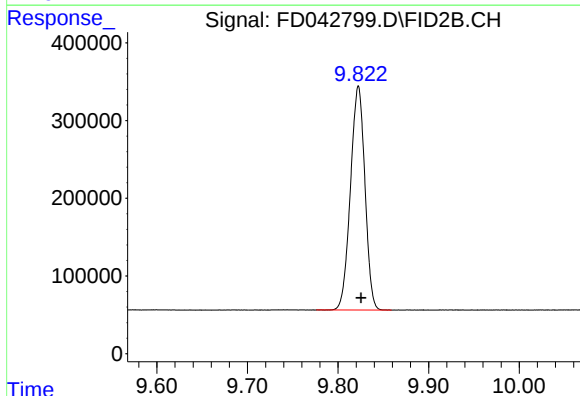
R.T.: 7.052 min
Delta R.T.: -0.005 min
Response: 3487243
Conc: 21.78 ug/ml

Instrument :
FID_D
ClientSampleId :



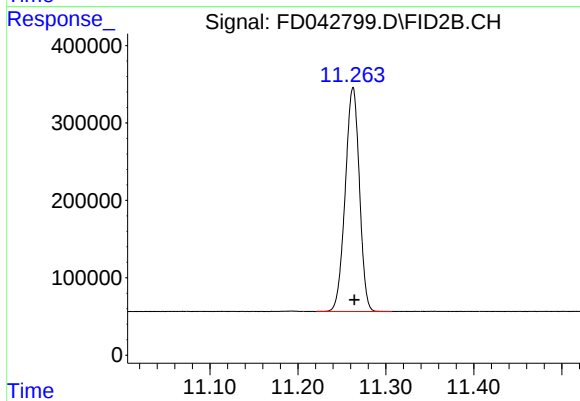
#6 n-Tetradecane (C14)

R.T.: 8.224 min
Delta R.T.: -0.004 min
Response: 3117362
Conc: 21.65 ug/ml



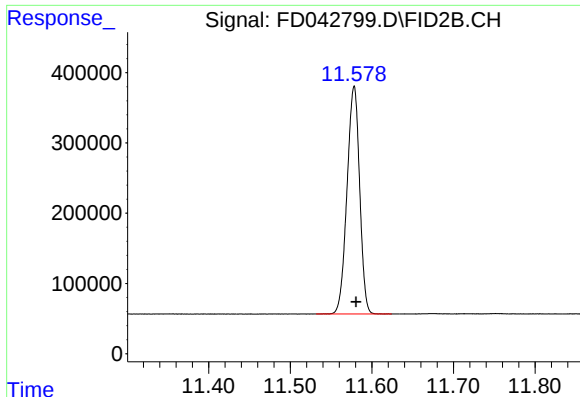
#7 n-Hexadecane (C16)

R.T.: 9.823 min
Delta R.T.: -0.003 min
Response: 3194483
Conc: 21.66 ug/ml



#8 n-Octadecane (C18)

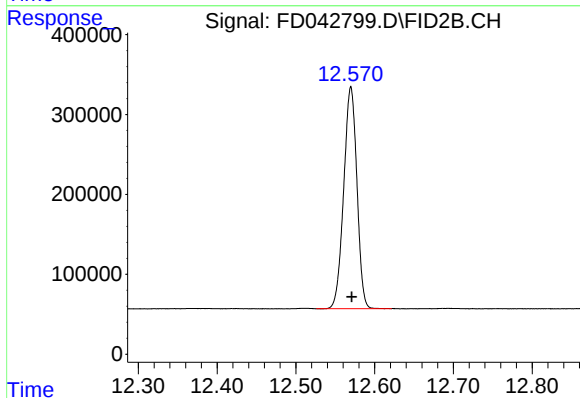
R.T.: 11.263 min
Delta R.T.: -0.001 min
Response: 3244480
Conc: 21.56 ug/ml



#9 ortho-Terphenyl (SURR)

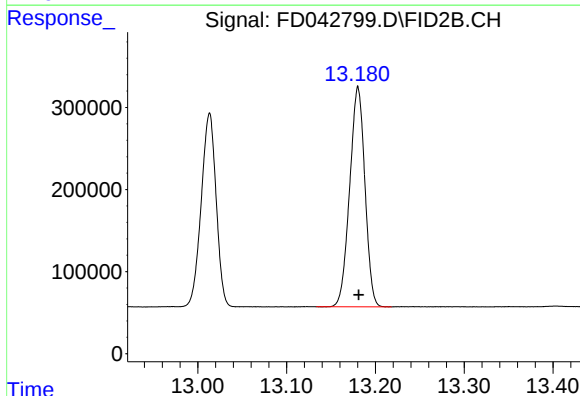
R.T.: 11.578 min
Delta R.T.: -0.002 min
Response: 3483222
Conc: 20.97 ug/ml

Instrument :
FID_D
ClientSampleId :



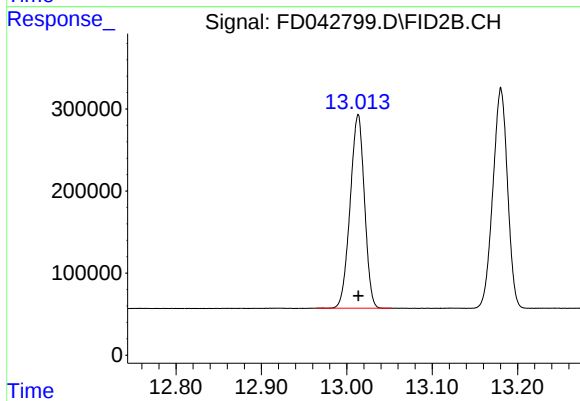
#10 n-Eicosane (C20)

R.T.: 12.570 min
Delta R.T.: 0.000 min
Response: 3231148
Conc: 21.49 ug/ml



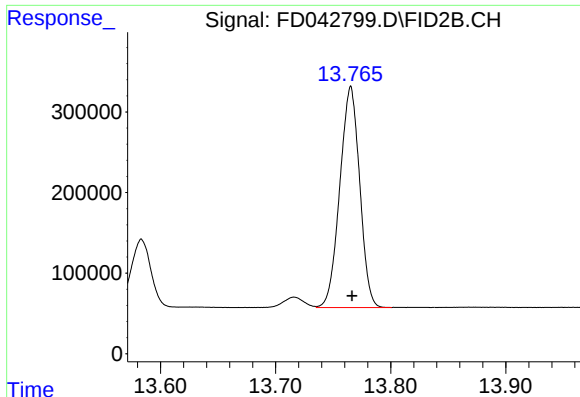
#11 n-Heneicosane (C21)

R.T.: 13.180 min
Delta R.T.: 0.000 min
Response: 3191216
Conc: 21.08 ug/ml



#12 1-chlorooctadecane (SURR)

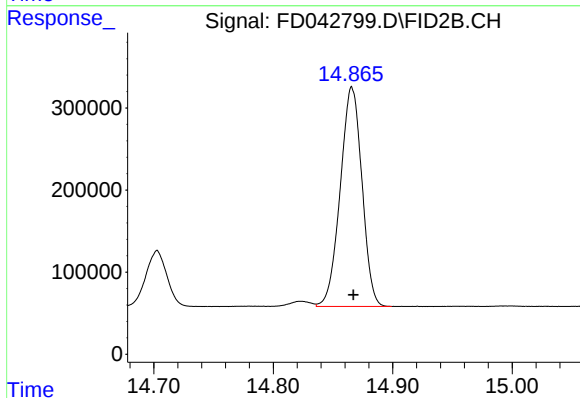
R.T.: 13.013 min
Delta R.T.: 0.000 min
Response: 2748950
Conc: 21.05 ug/ml



#13 n-Docosane (C22)

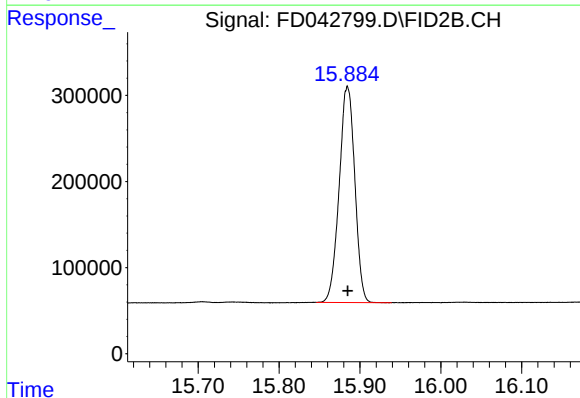
R.T.: 13.765 min
Delta R.T.: -0.001 min
Response: 3286813
Conc: 21.74 ug/ml

Instrument :
FID_D
ClientSampleId :



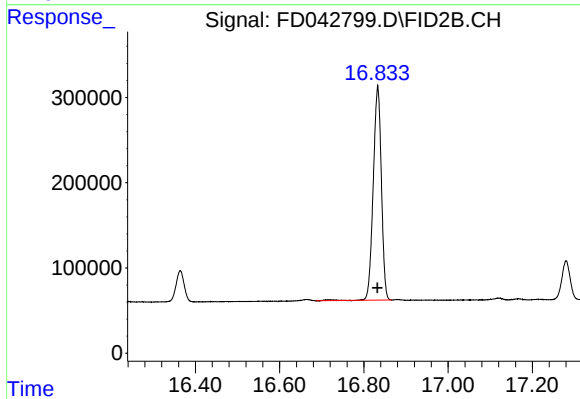
#14 n-Tetracosane (C24)

R.T.: 14.866 min
Delta R.T.: -0.001 min
Response: 3377305
Conc: 22.50 ug/ml



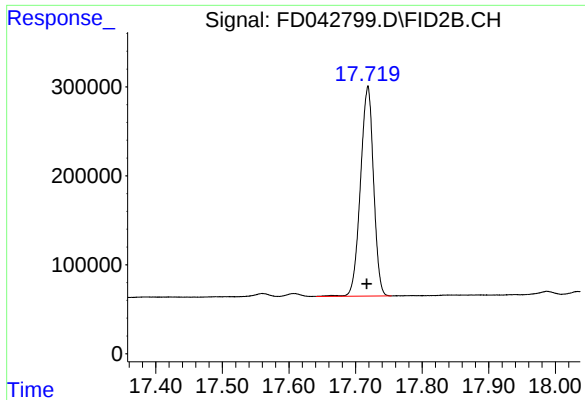
#15 n-Hexacosane (C26)

R.T.: 15.885 min
Delta R.T.: 0.000 min
Response: 3369253
Conc: 23.11 ug/ml



#16 n-Octacosane (C28)

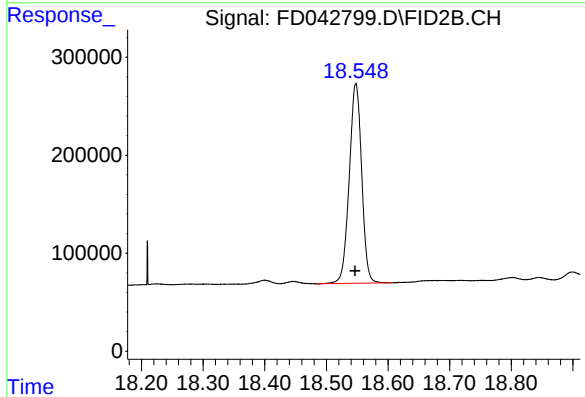
R.T.: 16.833 min
Delta R.T.: 0.001 min
Response: 3372904
Conc: 24.18 ug/ml



#17 n-Tricontane (C30)

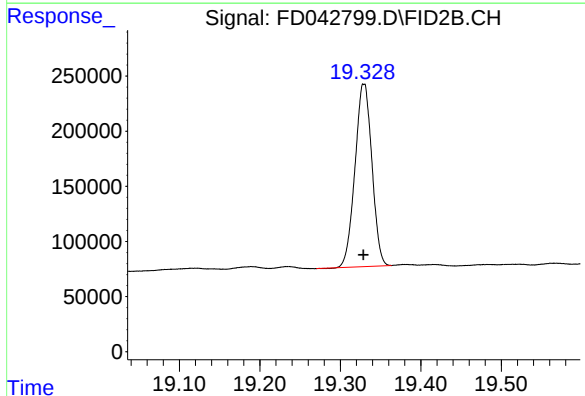
R.T.: 17.719 min
Delta R.T.: 0.002 min
Response: 3218060
Conc: 24.61 ug/ml

Instrument :
FID_D
ClientSampleId :



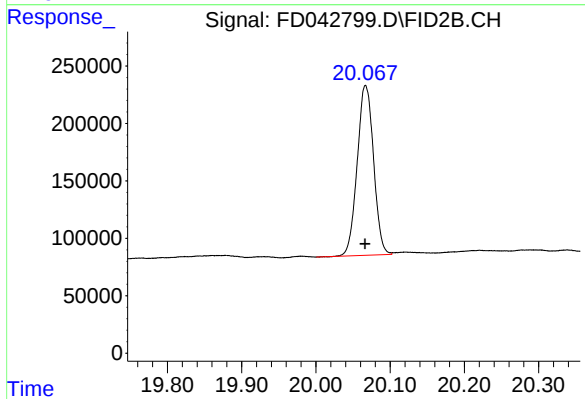
#18 n-Dotriacontane (C32)

R.T.: 18.548 min
Delta R.T.: 0.001 min
Response: 2861598
Conc: 24.24 ug/ml



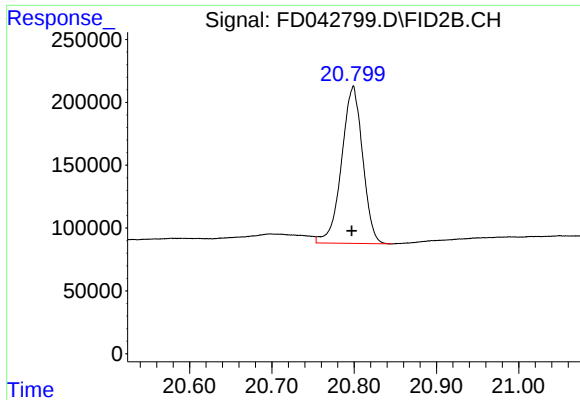
#19 n-Tetratriacontane (C34)

R.T.: 19.329 min
Delta R.T.: 0.000 min
Response: 2420671
Conc: 22.77 ug/ml



#20 n-Hexatriacontane (C36)

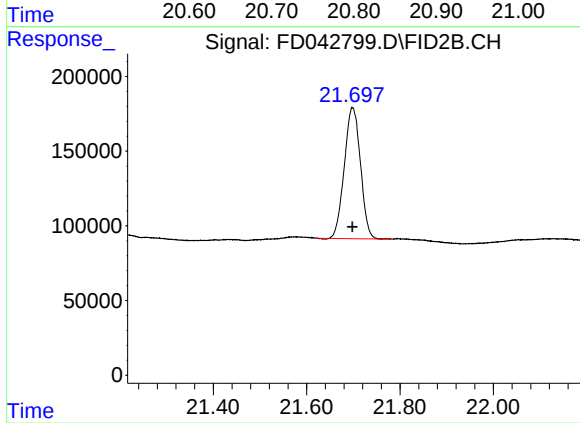
R.T.: 20.067 min
Delta R.T.: 0.000 min
Response: 2264094
Conc: 23.16 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.799 min
Delta R.T.: 0.002 min
Response: 2221868
Conc: 24.36 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.698 min
Delta R.T.: 0.000 min
Response: 2110088
Conc: 26.04 ug/ml