

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD032921AL\
 Data File : FD036639.D
 Signal(s) : FID2B.CH
 Acq On : 29 Mar 2021 20:18
 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: Mar 30 02:30:20 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 032321.M
 Quant Title : GC Extractables
 QLast Update : Wed Mar 24 09:10:29 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)	11.490	2988728	20.171 ug/ml
Spiked Amount 50.000		Recovery =	40.34%
12) S 1-chlorooctadecane (S...	12.921	2287916	19.659 ug/ml
Spiked Amount 50.000		Recovery =	39.32%
Target Compounds			
1) T n-Nonane (C9)	3.292	2709957	21.319 ug/ml
2) T n-Decane (C10)	4.352	2751944	21.357 ug/ml
3) T A~Naphthalene (C11.7)	5.926	3077431	21.078 ug/ml
4) T n-Dodecane (C12)	6.363	2817318	21.253 ug/ml
5) T A~2-methylnaphthalene...	6.978	3133643	20.929 ug/ml
6) T n-Tetradecane (C14)	8.150	2826636	20.796 ug/ml
7) T n-Hexadecane (C16)	9.743	2755872	20.693 ug/ml
8) T n-Octadecane (C18)	11.179	2820290	20.360 ug/ml
10) T n-Eicosane (C20)	12.481	2754695	19.928 ug/ml
11) T n-Heneicosane (C21)	13.089	2699630	19.609 ug/ml
13) T n-Docosane (C22)	13.672	2652204	19.498 ug/ml
14) T n-Tetracosane (C24)	14.768	2539260	19.153 ug/ml
15) T n-Hexacosane (C26)	15.782	2404131	18.987 ug/ml
16) T n-Octacosane (C28)	16.727	2288695	18.977 ug/ml
17) T n-Tricontane (C30)	17.608	2196363	19.120 ug/ml
18) T n-Dotriacontane (C32)	18.434	2104874	19.137 ug/ml
19) T n-Tetratriacontane (C34)	19.213	2036033	19.824 ug/ml
20) T n-Hexatriacontane (C36)	19.947	1963640	20.097 ug/ml
21) T n-Octatriacontane (C38)	20.656	1909671	20.655 ug/ml
22) T n-Tetracontane (C40)	21.504	1982400	19.654 ug/ml

(f)=RT Delta > 1/2 Window

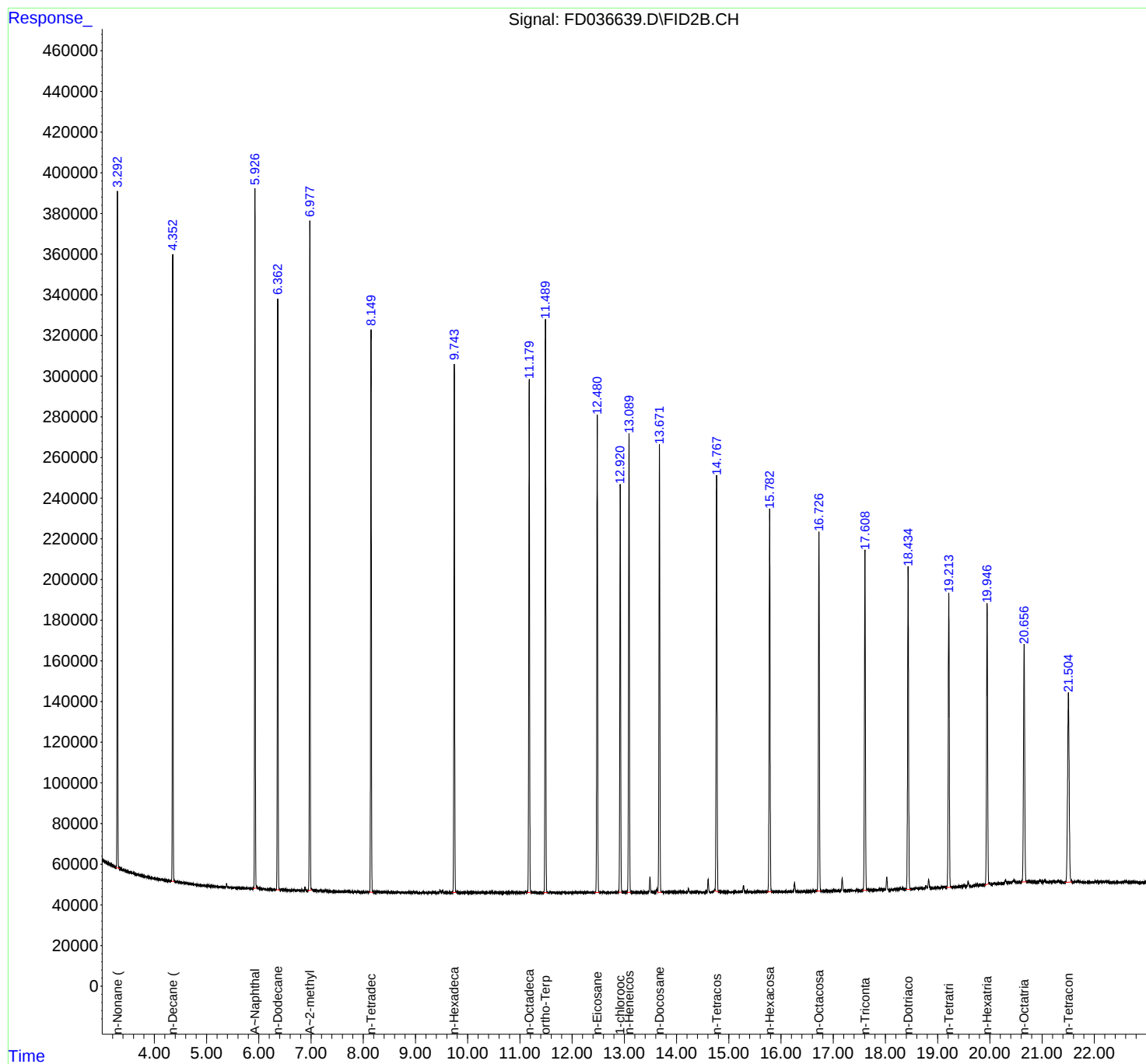
(m)=manual int.

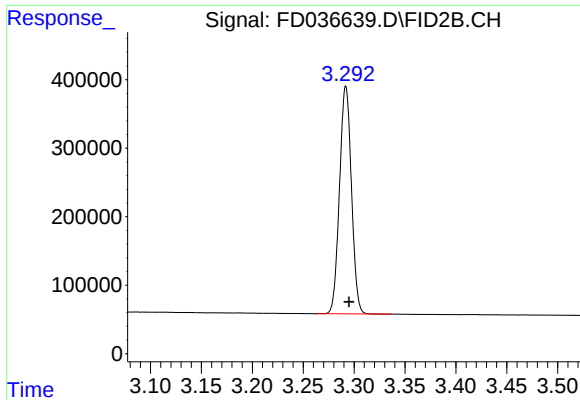
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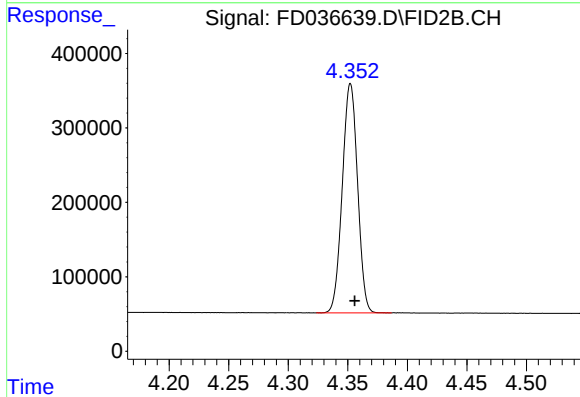




#1 n-Nonane (C9)

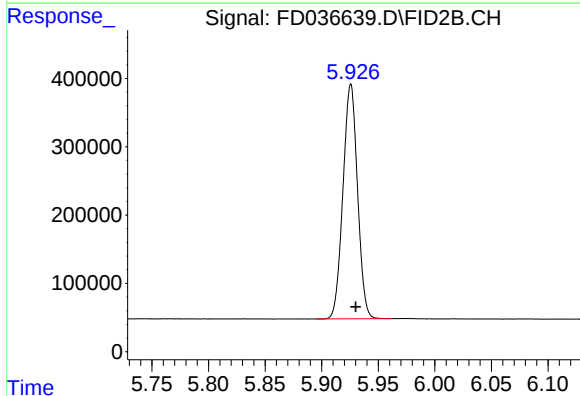
R.T.: 3.292 min
Delta R.T.: -0.003 min
Response: 2709957
Conc: 21.32 ug/ml

Instrument :
FID_D
ClientSampleId :



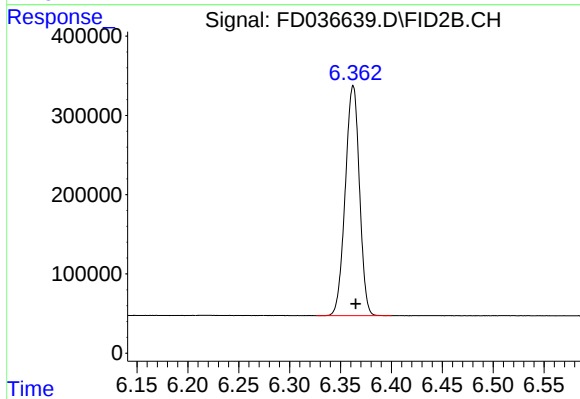
#2 n-Decane (C10)

R.T.: 4.352 min
Delta R.T.: -0.004 min
Response: 2751944
Conc: 21.36 ug/ml



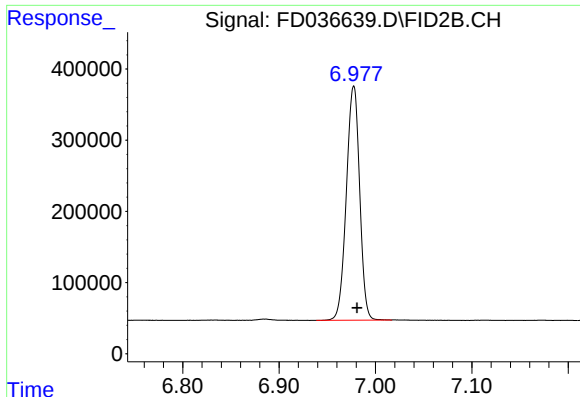
#3 A~Naphthalene (C11.7)

R.T.: 5.926 min
Delta R.T.: -0.004 min
Response: 3077431
Conc: 21.08 ug/ml



#4 n-Dodecane (C12)

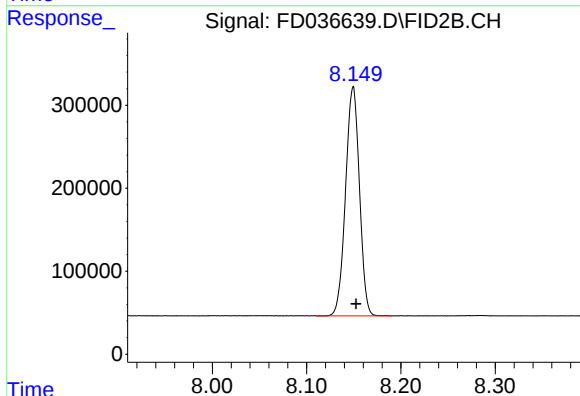
R.T.: 6.363 min
Delta R.T.: -0.002 min
Response: 2817318
Conc: 21.25 ug/ml



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

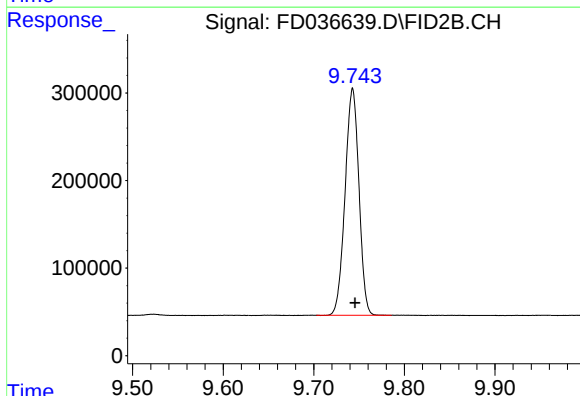
R.T.: 6.978 min
Delta R.T.: -0.003 min
Response: 3133643
Conc: 20.93 ug/ml

Instrument :
FID_D
ClientSampleId :



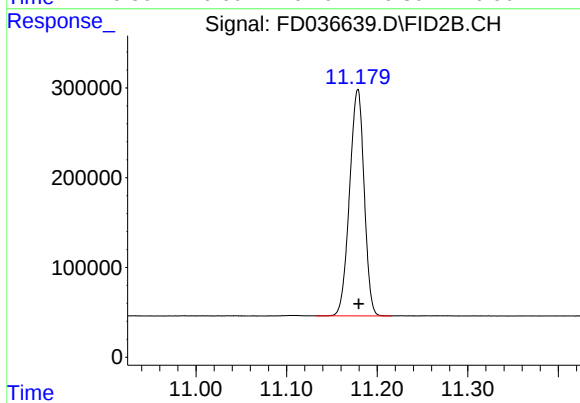
#6 n-Tetradecane (C14)

R.T.: 8.150 min
Delta R.T.: -0.003 min
Response: 2826636
Conc: 20.80 ug/ml



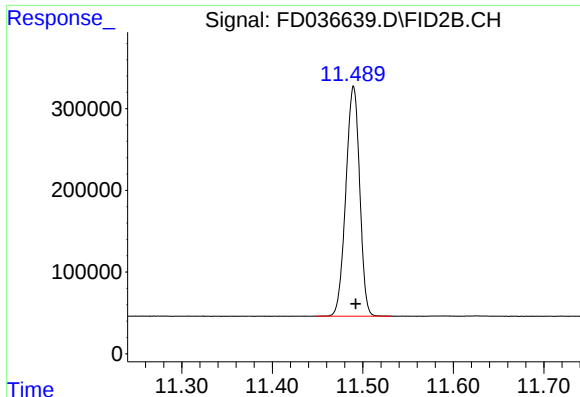
#7 n-Hexadecane (C16)

R.T.: 9.743 min
Delta R.T.: -0.003 min
Response: 2755872
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

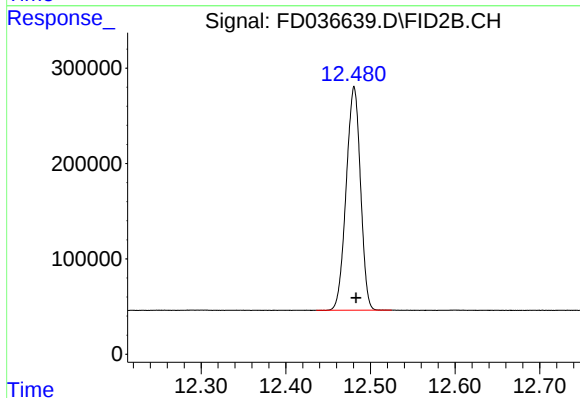
R.T.: 11.179 min
Delta R.T.: 0.000 min
Response: 2820290
Conc: 20.36 ug/ml



#9 ortho-Terphenyl (SURR)

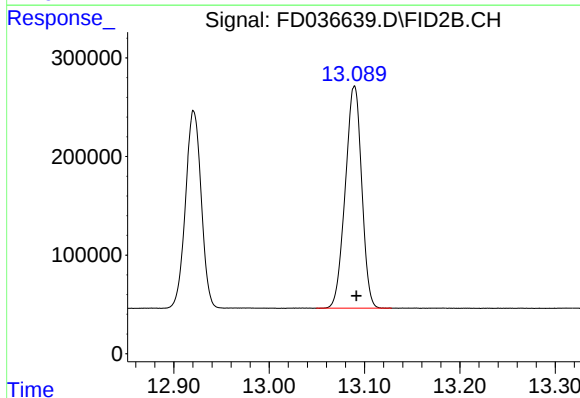
R.T.: 11.490 min
Delta R.T.: -0.002 min
Response: 2988728
Conc: 20.17 ug/ml

Instrument :
FID_D
ClientSampleId :



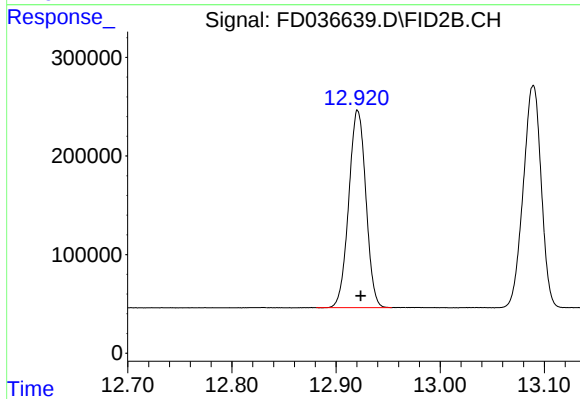
#10 n-Eicosane (C20)

R.T.: 12.481 min
Delta R.T.: -0.002 min
Response: 2754695
Conc: 19.93 ug/ml



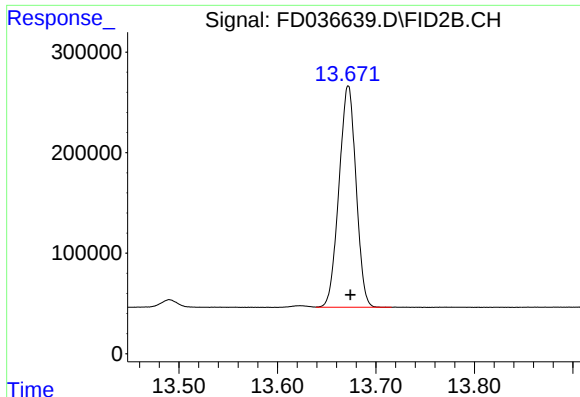
#11 n-Heneicosane (C21)

R.T.: 13.089 min
Delta R.T.: -0.002 min
Response: 2699630
Conc: 19.61 ug/ml



#12 1-chlorooctadecane (SURR)

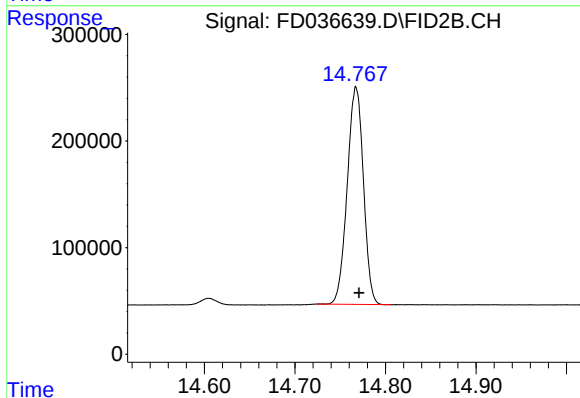
R.T.: 12.921 min
Delta R.T.: -0.003 min
Response: 2287916
Conc: 19.66 ug/ml



#13 n-Docosane (C22)

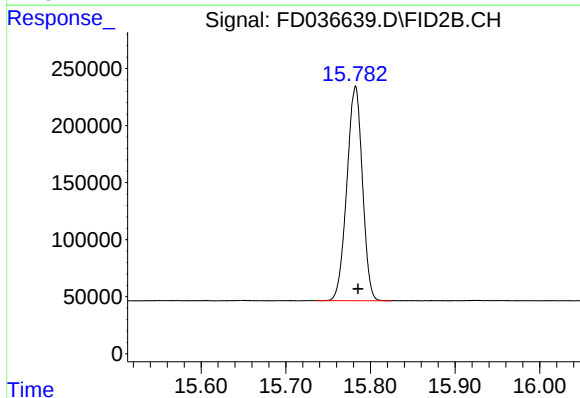
R.T.: 13.672 min
Delta R.T.: -0.002 min
Response: 2652204
Conc: 19.50 ug/ml

Instrument :
FID_D
ClientSampleId :



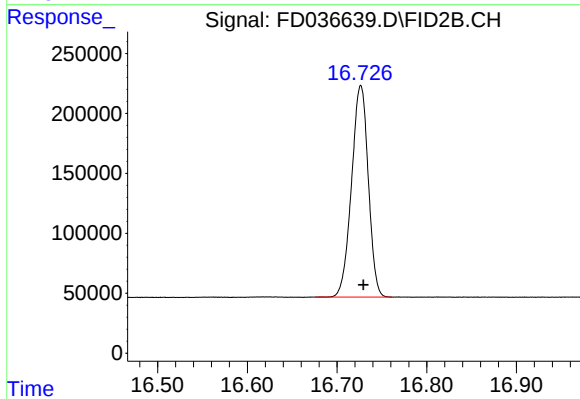
#14 n-Tetracosane (C24)

R.T.: 14.768 min
Delta R.T.: -0.003 min
Response: 2539260
Conc: 19.15 ug/ml



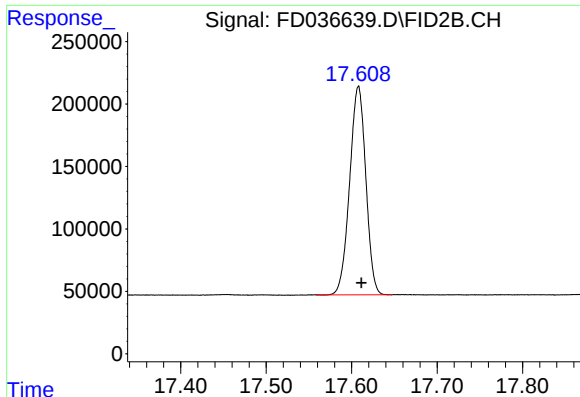
#15 n-Hexacosane (C26)

R.T.: 15.782 min
Delta R.T.: -0.003 min
Response: 2404131
Conc: 18.99 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.727 min
Delta R.T.: -0.003 min
Response: 2288695
Conc: 18.98 ug/ml



#17 n-Tricontane (C30)

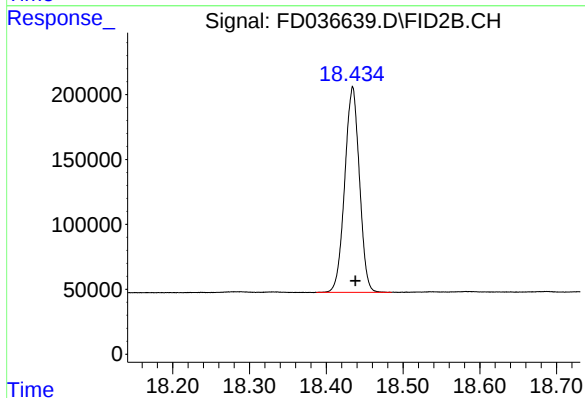
R.T.: 17.608 min

Delta R.T.: -0.004 min

Response: 2196363

Conc: 19.12 ug/ml

Instrument :
FID_D
ClientSampleId :



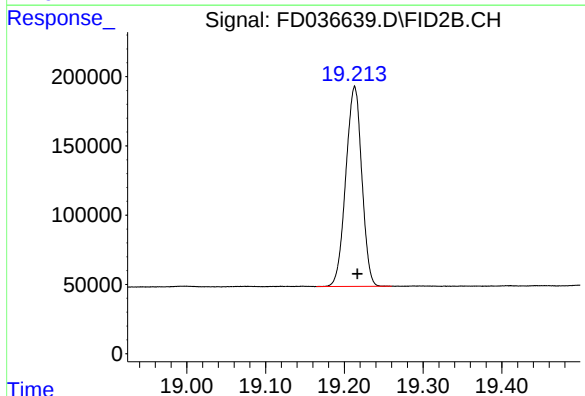
#18 n-Dotriacontane (C32)

R.T.: 18.434 min

Delta R.T.: -0.003 min

Response: 2104874

Conc: 19.14 ug/ml



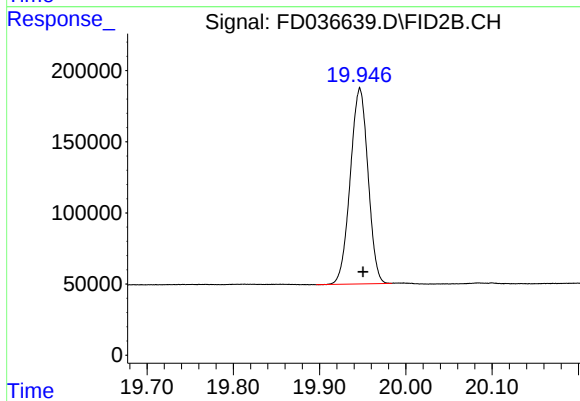
#19 n-Tetratriacontane (C34)

R.T.: 19.213 min

Delta R.T.: -0.003 min

Response: 2036033

Conc: 19.82 ug/ml



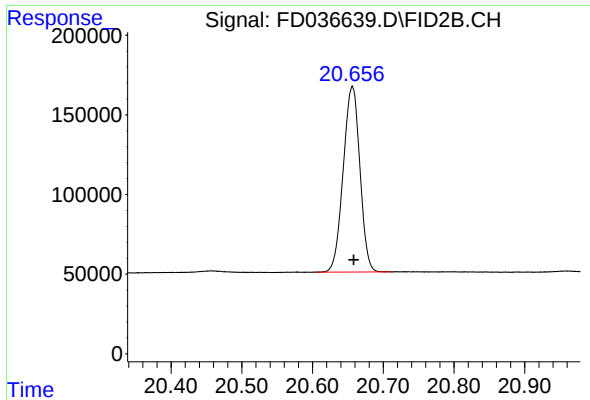
#20 n-Hexatriacontane (C36)

R.T.: 19.947 min

Delta R.T.: -0.004 min

Response: 1963640

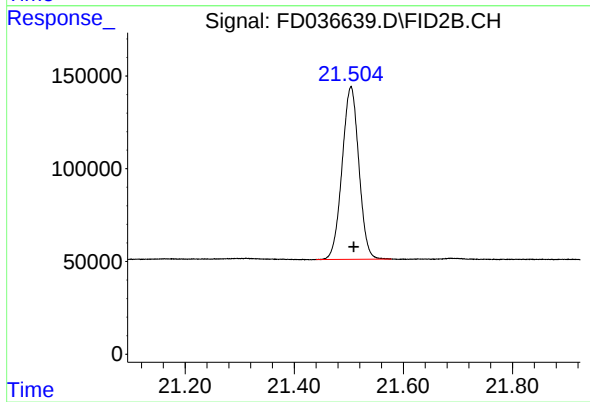
Conc: 20.10 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.656 min
Delta R.T.: -0.002 min
Response: 1909671
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.504 min
Delta R.T.: -0.005 min
Response: 1982400
Conc: 19.65 ug/ml