

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE010722AL\
 Data File : FE034660.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jan 2022 13:39
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 07 22:48:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010622.M
 Quant Title : GC Extractables
 QLast Update : Fri Jan 07 12:52:40 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)	11.094	2843665	20.555 ug/ml
Spiked Amount 50.000		Recovery =	41.11%
12) S 1-chlorooctadecane (S...	12.526	2206004	20.952 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T n-Nonane (C9)	2.935	2372966	20.352 ug/ml
2) T n-Decane (C10)	3.966	2409887	20.382 ug/ml
3) T A~Naphthalene (C11.7)	5.529	2691551	20.400 ug/ml
4) T n-Dodecane (C12)	5.962	2426501	20.384 ug/ml
5) T A~2-methylnaphthalene...	6.577	2719836	20.422 ug/ml
6) T n-Tetradecane (C14)	7.750	2478279	20.414 ug/ml
7) T n-Hexadecane (C16)	9.345	2493296	20.469 ug/ml
8) T n-Octadecane (C18)	10.781	2562275	20.549 ug/ml
10) T n-Eicosane (C20)	12.085	2549630	20.673 ug/ml
11) T n-Heneicosane (C21)	12.694	2582674	20.750 ug/ml
13) T n-Docosane (C22)	13.277	2567874	20.828 ug/ml
14) T n-Tetracosane (C24)	14.377	2581158	20.976 ug/ml
15) T n-Hexacosane (C26)	15.393	2521768	21.163 ug/ml
16) T n-Octacosane (C28)	16.339	2474387	21.401 ug/ml
17) T n-Tricontane (C30)	17.224	2372182	21.731 ug/ml
18) T n-Dotriacontane (C32)	18.053	2099038	21.893 ug/ml
19) T n-Tetratriacontane (C34)	18.834	1777028	21.428 ug/ml
20) T n-Hexatriacontane (C36)	19.570	1439799	21.084 ug/ml
21) T n-Octatriacontane (C38)	20.279	1193335	20.703 ug/ml
22) T n-Tetracontane (C40)	21.121	1051080	21.023 ug/ml

(f)=RT Delta > 1/2 Window

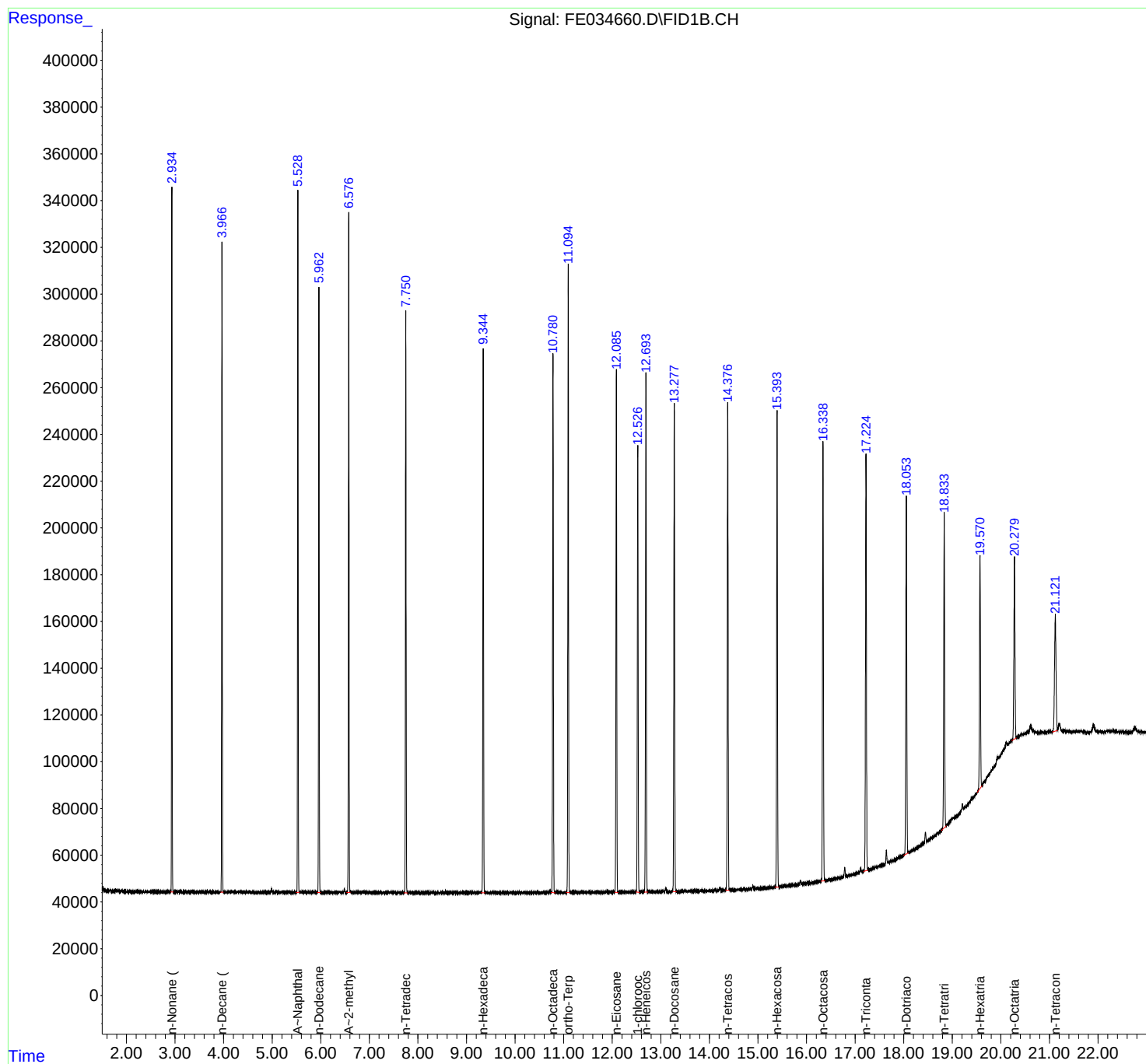
(m)=manual int.

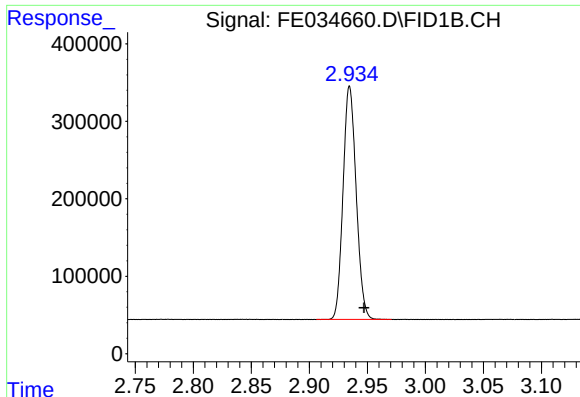
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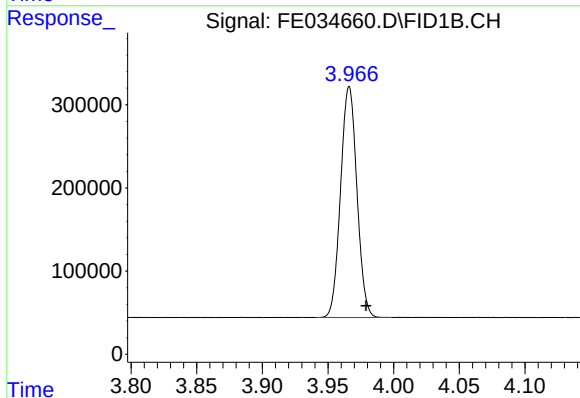




#1 n-Nonane (C9)

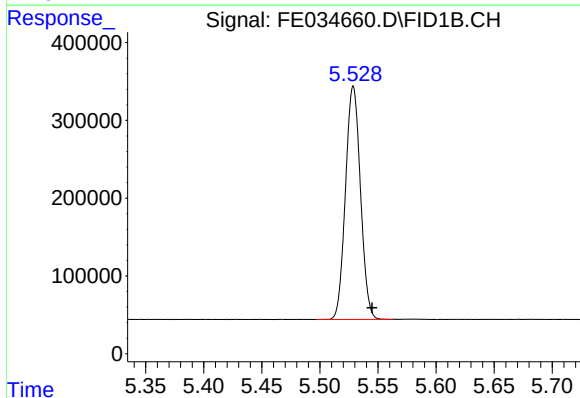
R.T.: 2.935 min
Delta R.T.: -0.012 min
Response: 2372966
Conc: 20.35 ug/ml

Instrument :
FID_E
ClientSampleId :



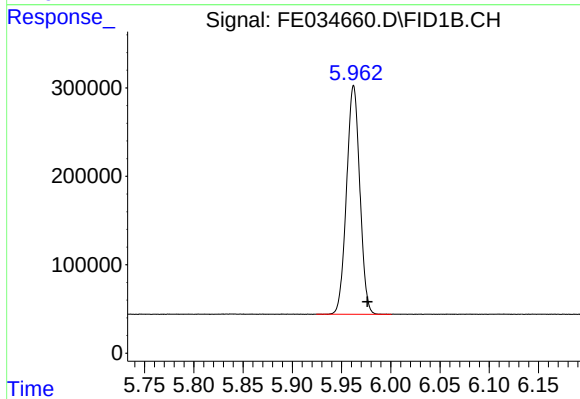
#2 n-Decane (C10)

R.T.: 3.966 min
Delta R.T.: -0.013 min
Response: 2409887
Conc: 20.38 ug/ml



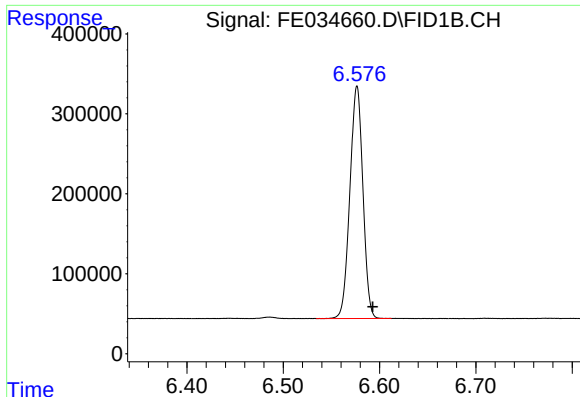
#3 A~Naphthalene (C11.7)

R.T.: 5.529 min
Delta R.T.: -0.016 min
Response: 2691551
Conc: 20.40 ug/ml



#4 n-Dodecane (C12)

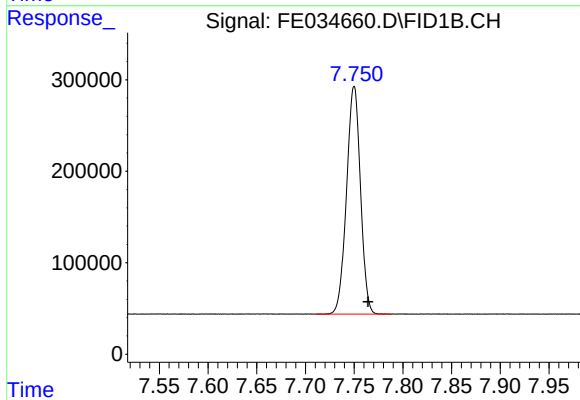
R.T.: 5.962 min
Delta R.T.: -0.014 min
Response: 2426501
Conc: 20.38 ug/ml



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

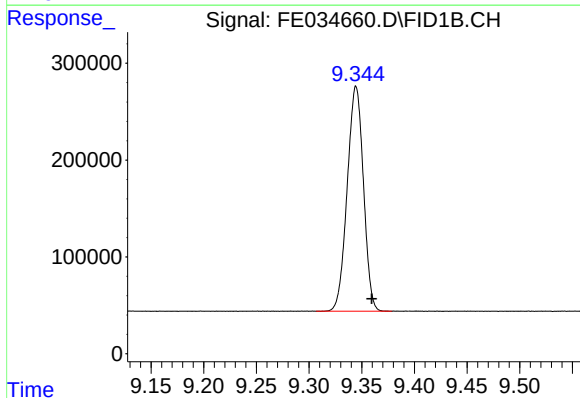
R.T.: 6.577 min
Delta R.T.: -0.016 min
Response: 2719836
Conc: 20.42 ug/ml

Instrument :
FID_E
ClientSampleId :



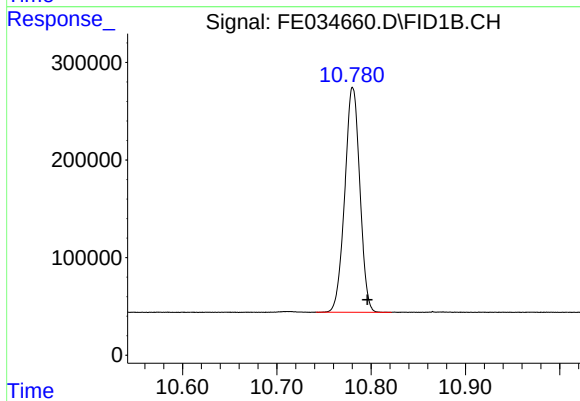
#6 n-Tetradecane (C14)

R.T.: 7.750 min
Delta R.T.: -0.014 min
Response: 2478279
Conc: 20.41 ug/ml



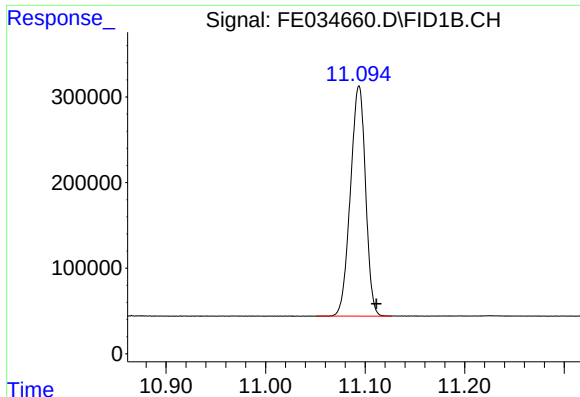
#7 n-Hexadecane (C16)

R.T.: 9.345 min
Delta R.T.: -0.015 min
Response: 2493296
Conc: 20.47 ug/ml



#8 n-Octadecane (C18)

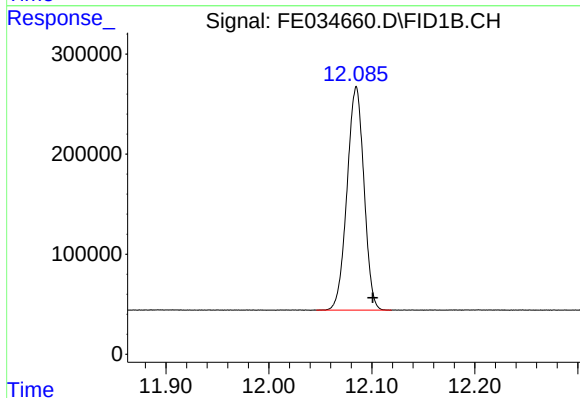
R.T.: 10.781 min
Delta R.T.: -0.016 min
Response: 2562275
Conc: 20.55 ug/ml



#9 ortho-Terphenyl (SURR)

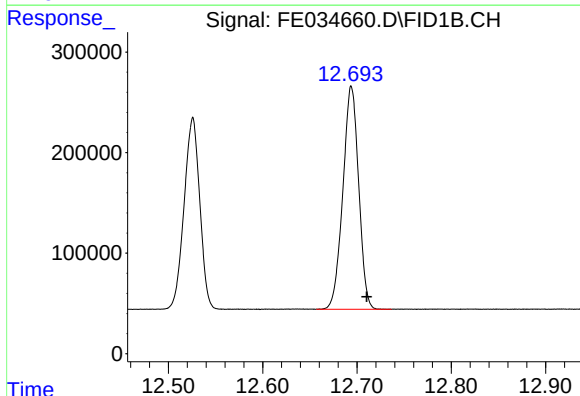
R.T.: 11.094 min
Delta R.T.: -0.017 min
Response: 2843665
Conc: 20.56 ug/ml

Instrument :
FID_E
ClientSampleId :



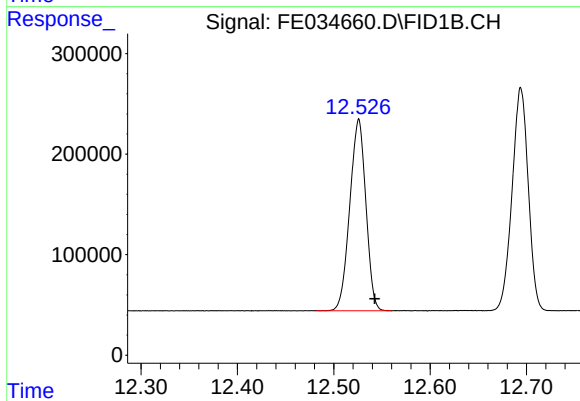
#10 n-Eicosane (C20)

R.T.: 12.085 min
Delta R.T.: -0.016 min
Response: 2549630
Conc: 20.67 ug/ml



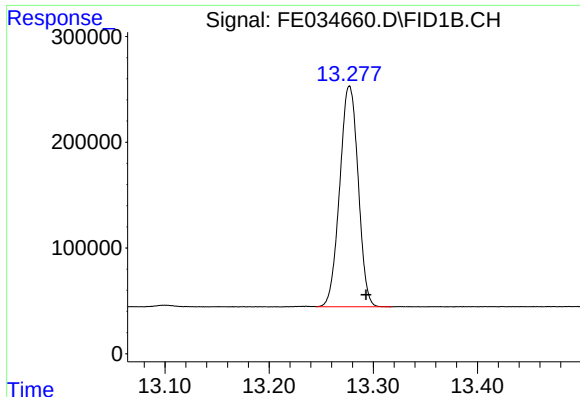
#11 n-Heneicosane (C21)

R.T.: 12.694 min
Delta R.T.: -0.016 min
Response: 2582674
Conc: 20.75 ug/ml



#12 1-chlorooctadecane (SURR)

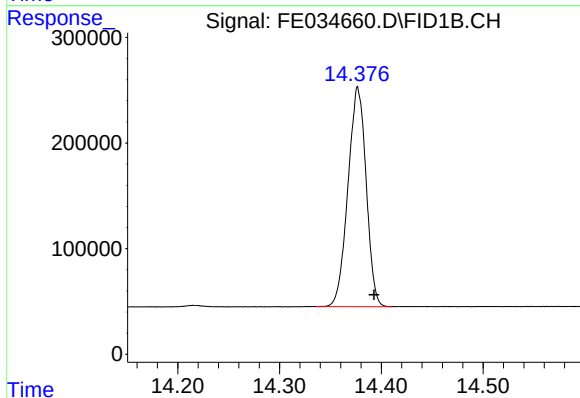
R.T.: 12.526 min
Delta R.T.: -0.017 min
Response: 2206004
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

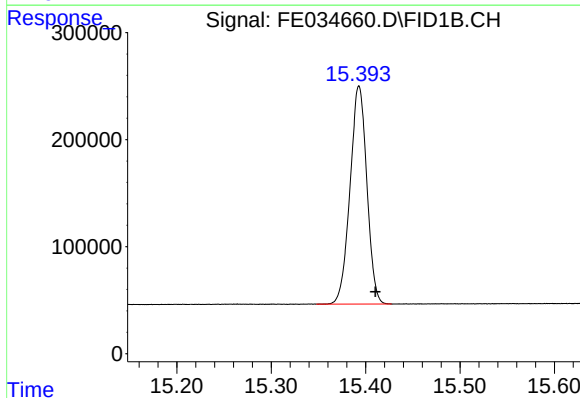
R.T.: 13.277 min
Delta R.T.: -0.016 min
Response: 2567874
Conc: 20.83 ug/ml

Instrument :
FID_E
ClientSampleId :



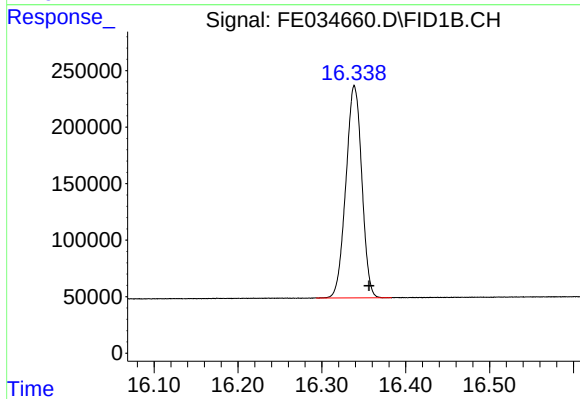
#14 n-Tetracosane (C24)

R.T.: 14.377 min
Delta R.T.: -0.016 min
Response: 2581158
Conc: 20.98 ug/ml



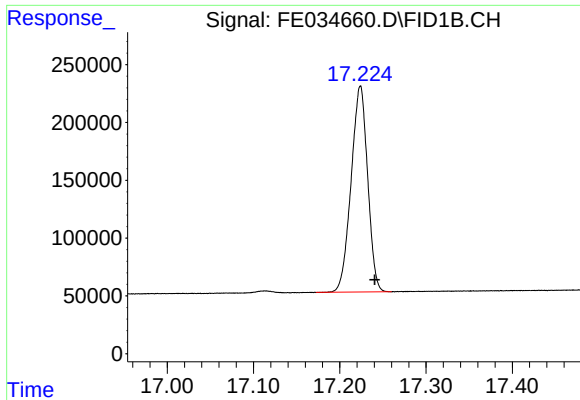
#15 n-Hexacosane (C26)

R.T.: 15.393 min
Delta R.T.: -0.017 min
Response: 2521768
Conc: 21.16 ug/ml



#16 n-Octacosane (C28)

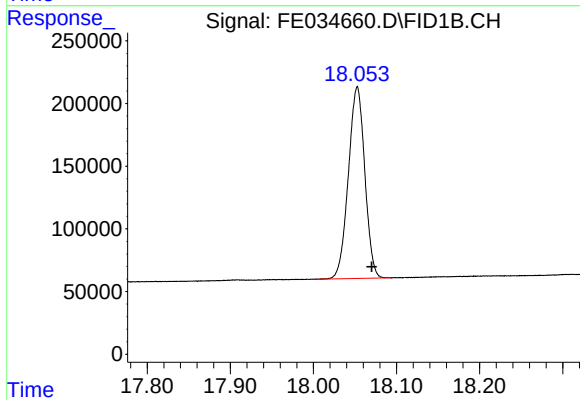
R.T.: 16.339 min
Delta R.T.: -0.018 min
Response: 2474387
Conc: 21.40 ug/ml



#17 n-Tricontane (C30)

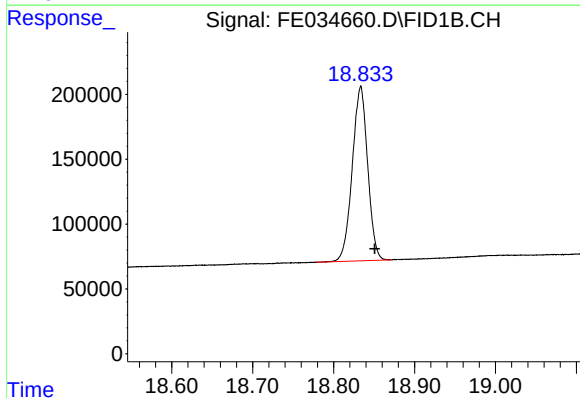
R.T.: 17.224 min
Delta R.T.: -0.017 min
Response: 2372182
Conc: 21.73 ug/ml

Instrument :
FID_E
ClientSampleId :



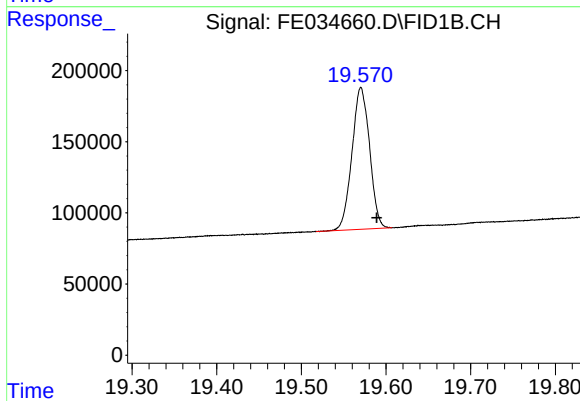
#18 n-Dotriacontane (C32)

R.T.: 18.053 min
Delta R.T.: -0.017 min
Response: 2099038
Conc: 21.89 ug/ml



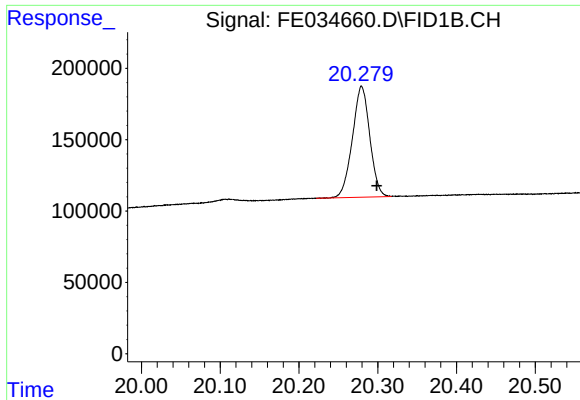
#19 n-Tetratriacontane (C34)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 1777028
Conc: 21.43 ug/ml



#20 n-Hexatriacontane (C36)

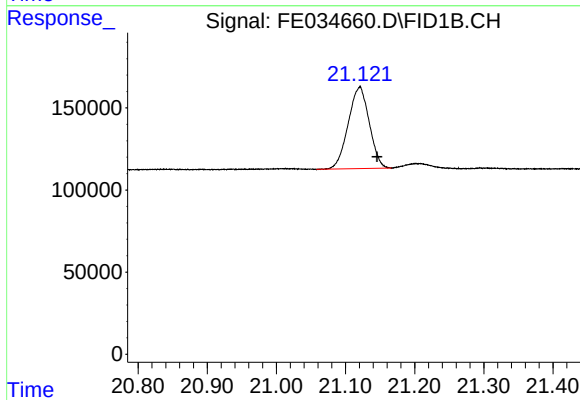
R.T.: 19.570 min
Delta R.T.: -0.019 min
Response: 1439799
Conc: 21.08 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.279 min
Delta R.T.: -0.019 min
Response: 1193335
Conc: 20.70 ug/ml

Instrument :
FID_E
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.121 min
Delta R.T.: -0.025 min
Response: 1051080
Conc: 21.02 ug/ml