

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD010422AL\
 Data File : FD040414.D
 Signal(s) : FID2B.CH
 Acq On : 05 Jan 2022 7:52
 Operator : AJ\MA
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jan 05 08:11:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M
 Quant Title : GC Extractables
 QLast Update : Wed Jan 05 07:08:39 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)	10.634	3092161	20.054 ug/ml
Spiked Amount 50.000		Recovery =	40.11%
12) S 1-chlorooctadecane (S...	12.071	2359426	20.045 ug/ml
Spiked Amount 50.000		Recovery =	40.09%
Target Compounds			
1) T n-Nonane (C9)	2.576	2586882	20.150 ug/ml
2) T n-Decane (C10)	3.564	2605621	20.235 ug/ml
3) T A~Naphthalene (C11.7)	5.096	2902743	20.431 ug/ml
4) T n-Dodecane (C12)	5.534	2601355	20.353 ug/ml
5) T A~2-methylnaphthalene...	6.136	2888152	20.473 ug/ml
6) T n-Tetradecane (C14)	7.312	2641496	20.391 ug/ml
7) T n-Hexadecane (C16)	8.900	2647116	20.318 ug/ml
8) T n-Octadecane (C18)	10.332	2730050	20.148 ug/ml
10) T n-Eicosane (C20)	11.633	2721339	20.007 ug/ml
11) T n-Heneicosane (C21)	12.241	2764211	19.962 ug/ml
13) T n-Docosane (C22)	12.823	2749774	19.942 ug/ml
14) T n-Tetracosane (C24)	13.921	2777138	19.862 ug/ml
15) T n-Hexacosane (C26)	14.936	2734782	19.839 ug/ml
16) T n-Octacosane (C28)	15.880	2702833	19.920 ug/ml
17) T n-Tricontane (C30)	16.764	2600918	19.955 ug/ml
18) T n-Dotriacontane (C32)	17.592	2354761	19.698 ug/ml
19) T n-Tetratriacontane (C34)	18.371	2115470	20.091 ug/ml
20) T n-Hexatriacontane (C36)	19.106	1938663	19.132 ug/ml
21) T n-Octatriacontane (C38)	19.806	1795382	20.095 ug/ml
22) T n-Tetracontane (C40)	20.610	1739018	20.344 ug/ml

(f)=RT Delta > 1/2 Window

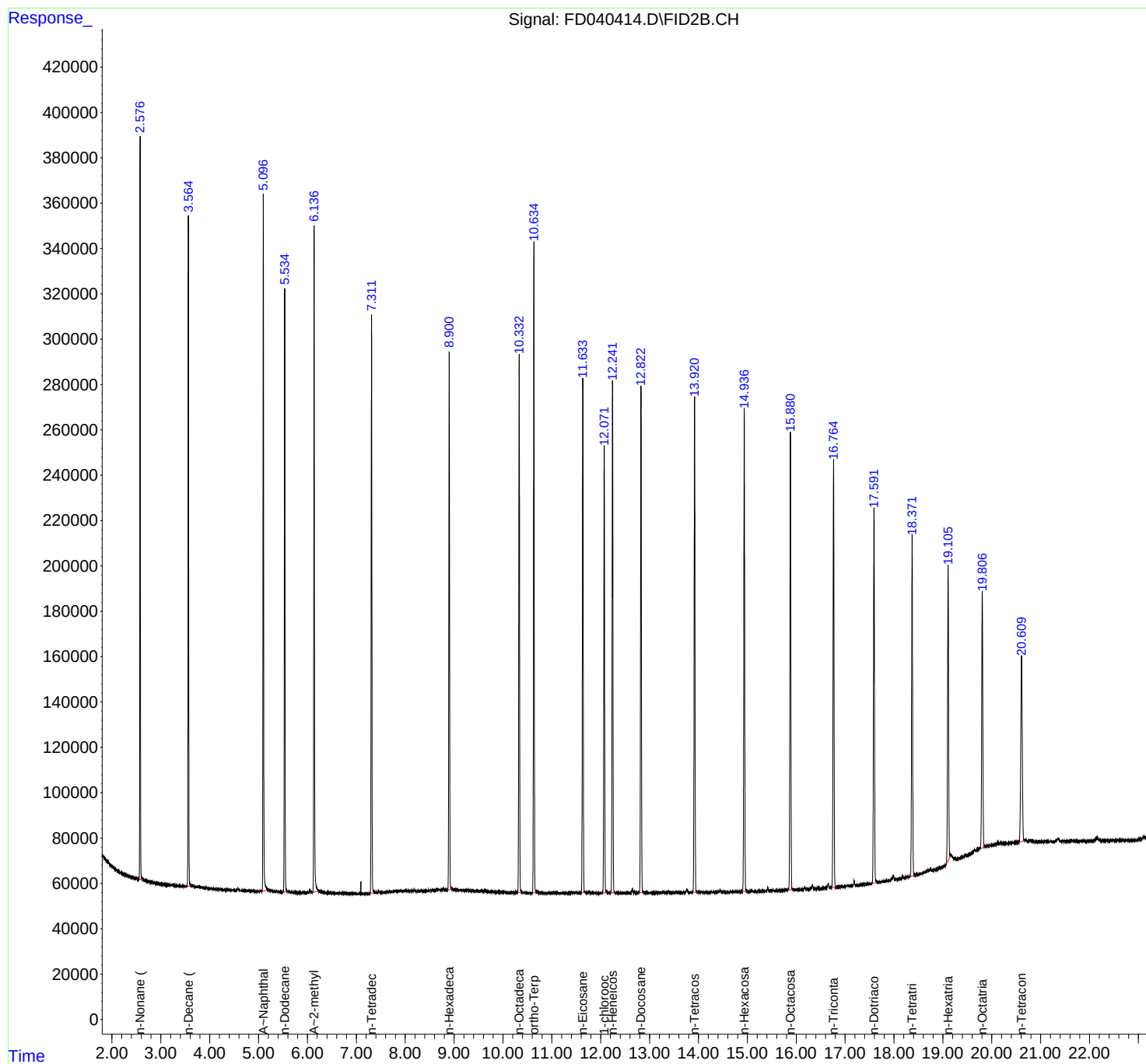
(m)=manual int.

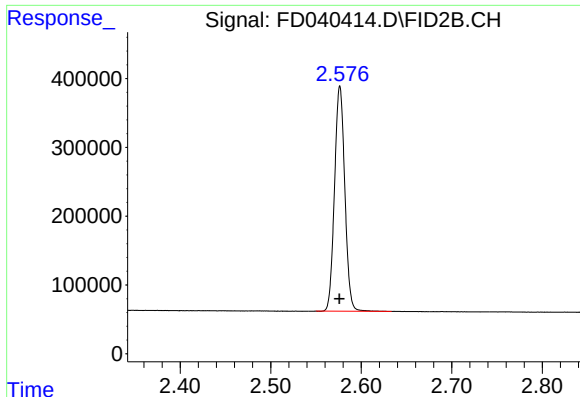
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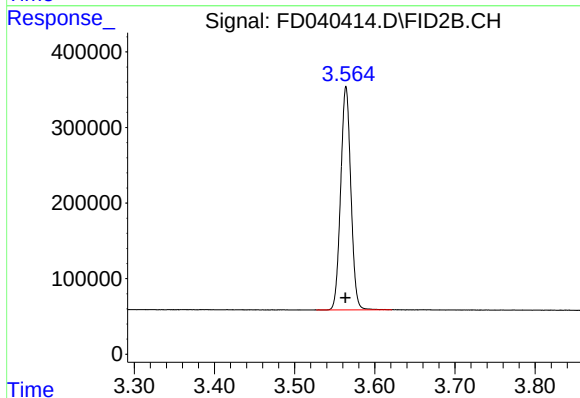




#1 n-Nonane (C9)

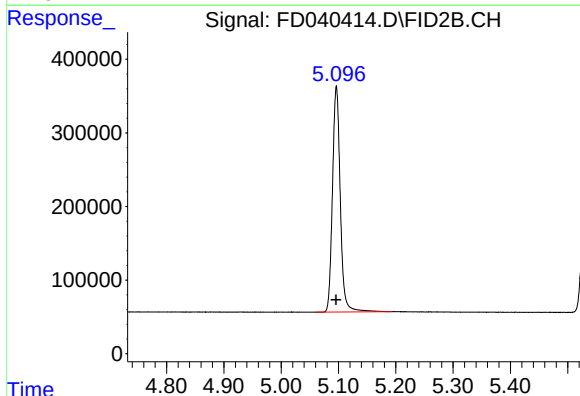
R.T.: 2.576 min
Delta R.T.: 0.000 min
Response: 2586882
Conc: 20.15 ug/ml

Instrument :
FID_D
ClientSampleId :



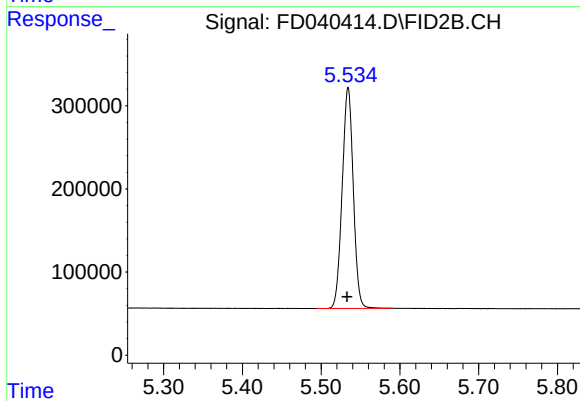
#2 n-Decane (C10)

R.T.: 3.564 min
Delta R.T.: 0.000 min
Response: 2605621
Conc: 20.24 ug/ml



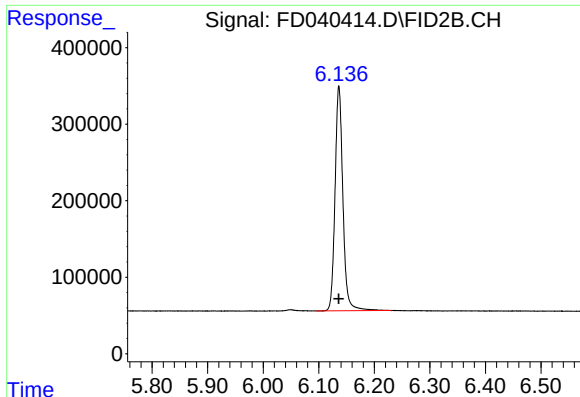
#3 A~Naphthalene (C11.7)

R.T.: 5.096 min
Delta R.T.: 0.000 min
Response: 2902743
Conc: 20.43 ug/ml



#4 n-Dodecane (C12)

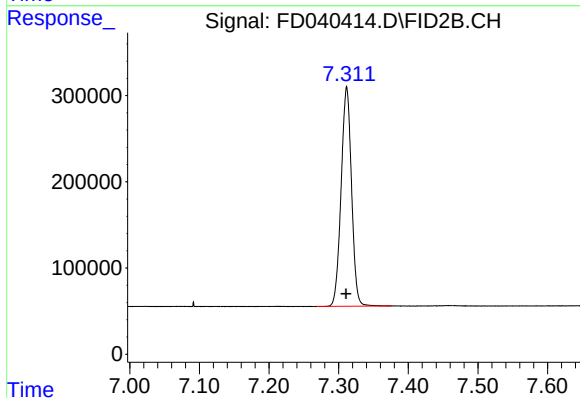
R.T.: 5.534 min
Delta R.T.: 0.001 min
Response: 2601355
Conc: 20.35 ug/ml



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

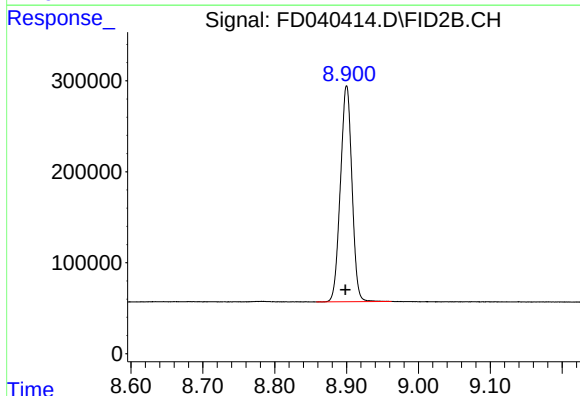
R.T.: 6.136 min
Delta R.T.: 0.000 min
Response: 2888152
Conc: 20.47 ug/ml

Instrument :
FID_D
ClientSampleId :



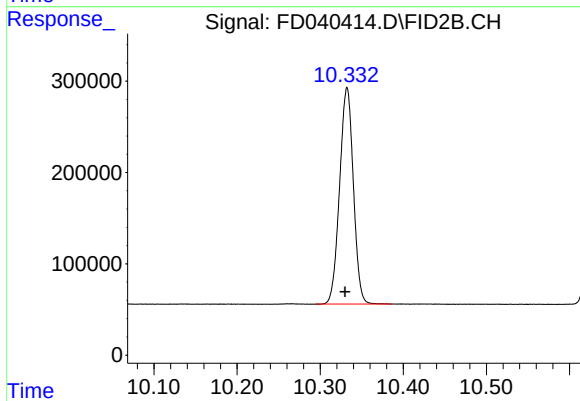
#6 n-Tetradecane (C14)

R.T.: 7.312 min
Delta R.T.: 0.000 min
Response: 2641496
Conc: 20.39 ug/ml



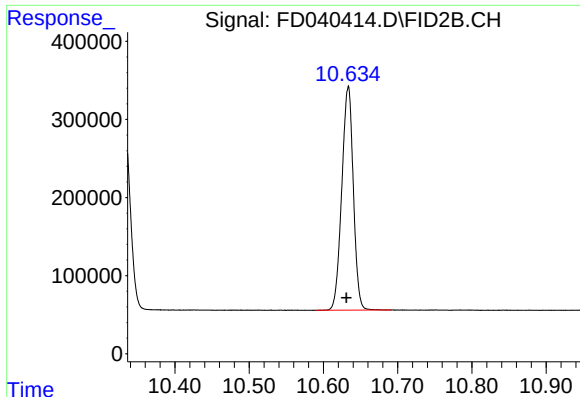
#7 n-Hexadecane (C16)

R.T.: 8.900 min
Delta R.T.: 0.002 min
Response: 2647116
Conc: 20.32 ug/ml



#8 n-Octadecane (C18)

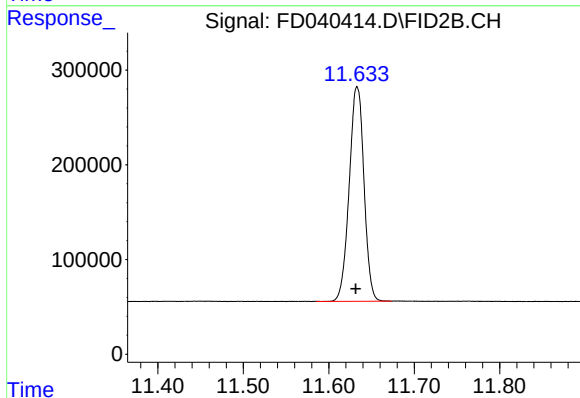
R.T.: 10.332 min
Delta R.T.: 0.003 min
Response: 2730050
Conc: 20.15 ug/ml



#9 ortho-Terphenyl (SURR)

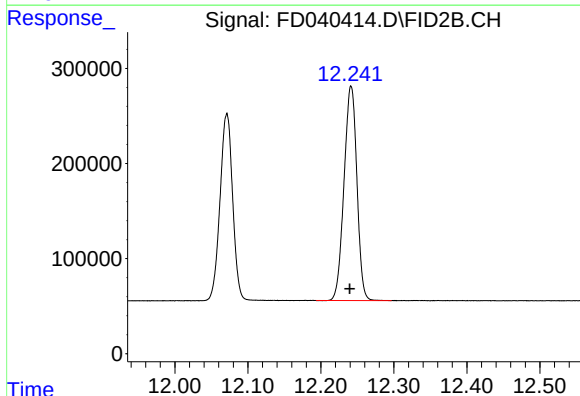
R.T.: 10.634 min
Delta R.T.: 0.002 min
Response: 3092161
Conc: 20.05 ug/ml

Instrument :
FID_D
ClientSampleId :



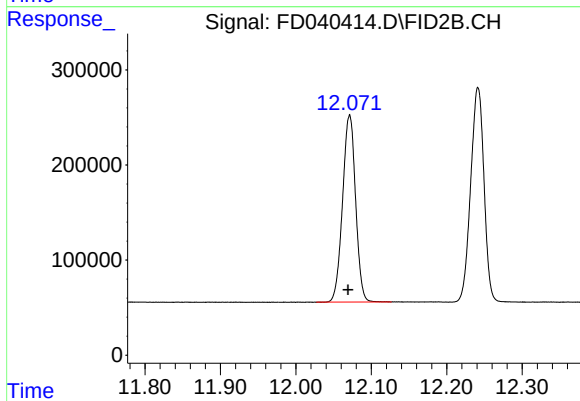
#10 n-Eicosane (C20)

R.T.: 11.633 min
Delta R.T.: 0.002 min
Response: 2721339
Conc: 20.01 ug/ml



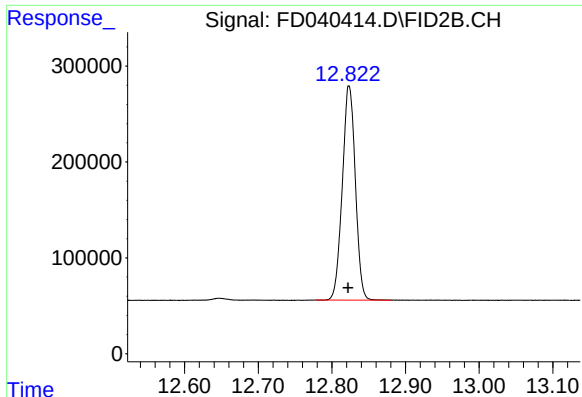
#11 n-Heneicosane (C21)

R.T.: 12.241 min
Delta R.T.: 0.002 min
Response: 2764211
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

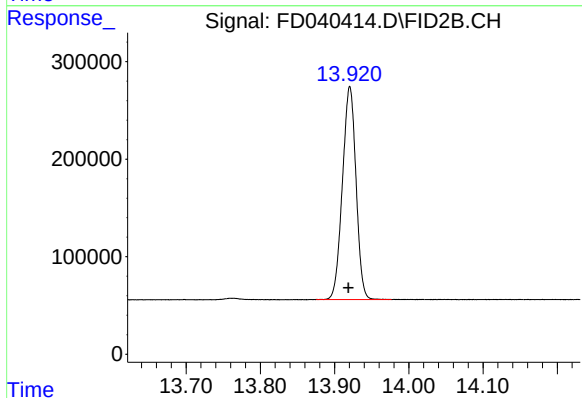
R.T.: 12.071 min
Delta R.T.: 0.002 min
Response: 2359426
Conc: 20.04 ug/ml



#13 n-Docosane (C22)

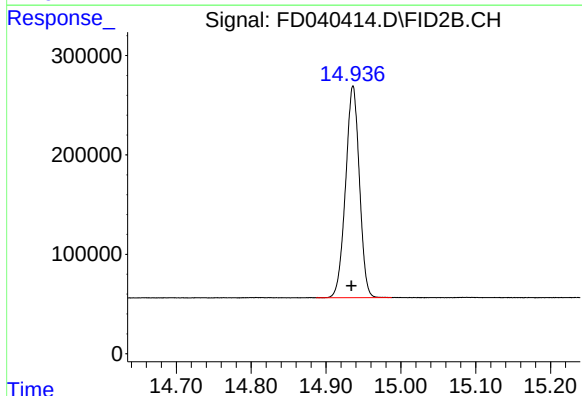
R.T.: 12.823 min
Delta R.T.: 0.001 min
Response: 2749774
Conc: 19.94 ug/ml

Instrument :
FID_D
ClientSampleId :



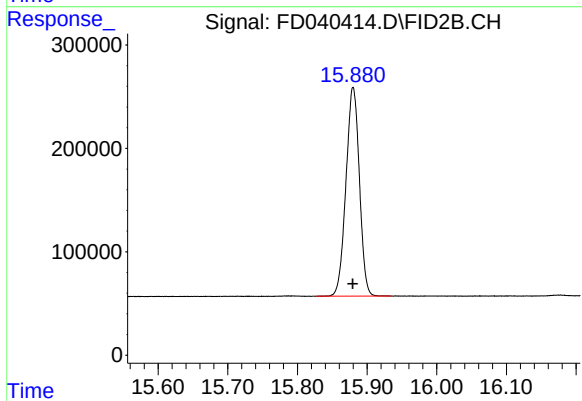
#14 n-Tetracosane (C24)

R.T.: 13.921 min
Delta R.T.: 0.002 min
Response: 2777138
Conc: 19.86 ug/ml



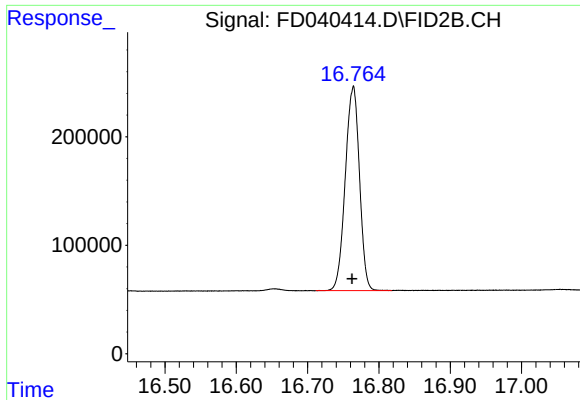
#15 n-Hexacosane (C26)

R.T.: 14.936 min
Delta R.T.: 0.002 min
Response: 2734782
Conc: 19.84 ug/ml



#16 n-Octacosane (C28)

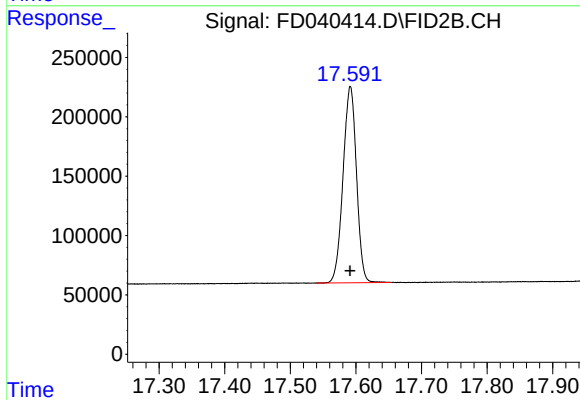
R.T.: 15.880 min
Delta R.T.: 0.000 min
Response: 2702833
Conc: 19.92 ug/ml



#17 n-Tricontane (C30)

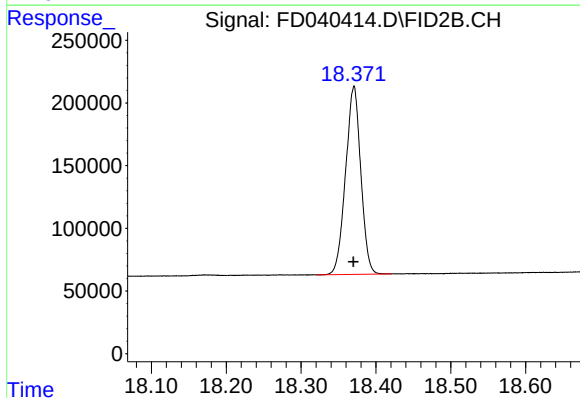
R.T.: 16.764 min
Delta R.T.: 0.002 min
Response: 2600918
Conc: 19.96 ug/ml

Instrument :
FID_D
ClientSampleId :



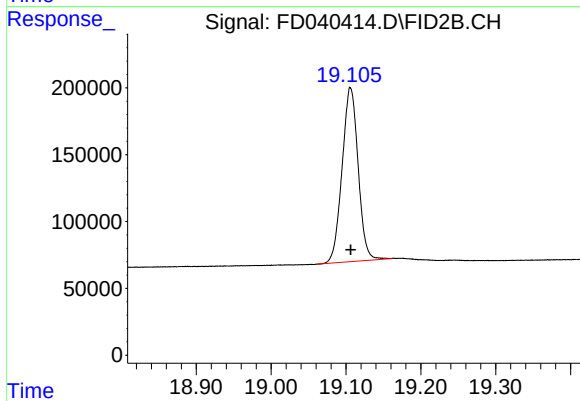
#18 n-Dotriacontane (C32)

R.T.: 17.592 min
Delta R.T.: 0.000 min
Response: 2354761
Conc: 19.70 ug/ml



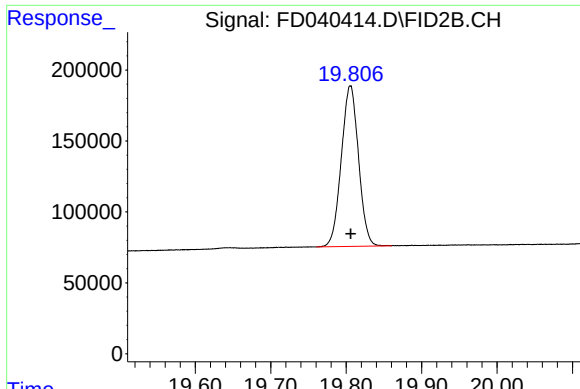
#19 n-Tetratriacontane (C34)

R.T.: 18.371 min
Delta R.T.: 0.000 min
Response: 2115470
Conc: 20.09 ug/ml



#20 n-Hexatriacontane (C36)

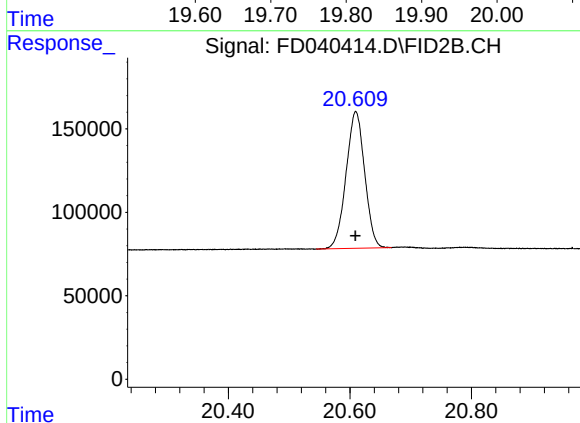
R.T.: 19.106 min
Delta R.T.: 0.000 min
Response: 1938663
Conc: 19.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 19.806 min
Delta R.T.: 0.000 min
Response: 1795382
Conc: 20.09 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 20.610 min
Delta R.T.: 0.000 min
Response: 1739018
Conc: 20.34 ug/ml