

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD050522AL\
 Data File : FD042316.D
 Signal(s) : FID2B.CH
 Acq On : 05 May 2022 19:15
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: sample.E
 Quant Time: May 06 16:24:10 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 042122.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 22 01:55:29 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)	11.210	3220442	19.203 ug/ml
Spiked Amount 50.000		Recovery =	38.41%
12) S 1-chlorooctadecane (S...	12.649	2498776	18.936 ug/ml
Spiked Amount 50.000		Recovery =	37.87%
Target Compounds			
1) T n-Nonane (C9)	3.085	2904855	21.312 ug/ml
2) T n-Decane (C10)	4.129	2943608	21.965 ug/ml
3) T A~Naphthalene (C11.7)	5.680	3266038	22.532 ug/ml
4) T n-Dodecane (C12)	6.123	3030464	21.287 ug/ml
5) T A~2-methylnaphthalene...	6.725	3245860	23.292 ug/ml
6) T n-Tetradecane (C14)	7.898	3003300	21.084 ug/ml
7) T n-Hexadecane (C16)	9.483	2995356	20.612 ug/ml
8) T n-Octadecane (C18)	10.913	2985002	19.917 ug/ml
10) T n-Eicosane (C20)	12.211	2914208	19.039 ug/ml
11) T n-Heneicosane (C21)	12.818	2907966	18.862 ug/ml
13) T n-Docosane (C22)	13.401	2857015	18.535 ug/ml
14) T n-Tetracosane (C24)	14.496	2777475	17.959 ug/ml
15) T n-Hexacosane (C26)	15.510	2670196	17.359 ug/ml
16) T n-Octacosane (C28)	16.454	2604271	17.033 ug/ml
17) T n-Tricontane (C30)	17.336	2535969	16.907 ug/ml
18) T n-Dotriacontane (C32)	18.163	2493154	17.632 ug/ml
19) T n-Tetratriacontane (C34)	18.941	2948907	22.915 ug/ml
20) T n-Hexatriacontane (C36)	19.677	3566707	31.519 ug/ml
21) T n-Octatriacontane (C38)	20.373	4842327	48.532 ug/ml
22) T n-Tetracontane (C40)	21.145	3796332	42.088 ug/ml

(f)=RT Delta > 1/2 Window

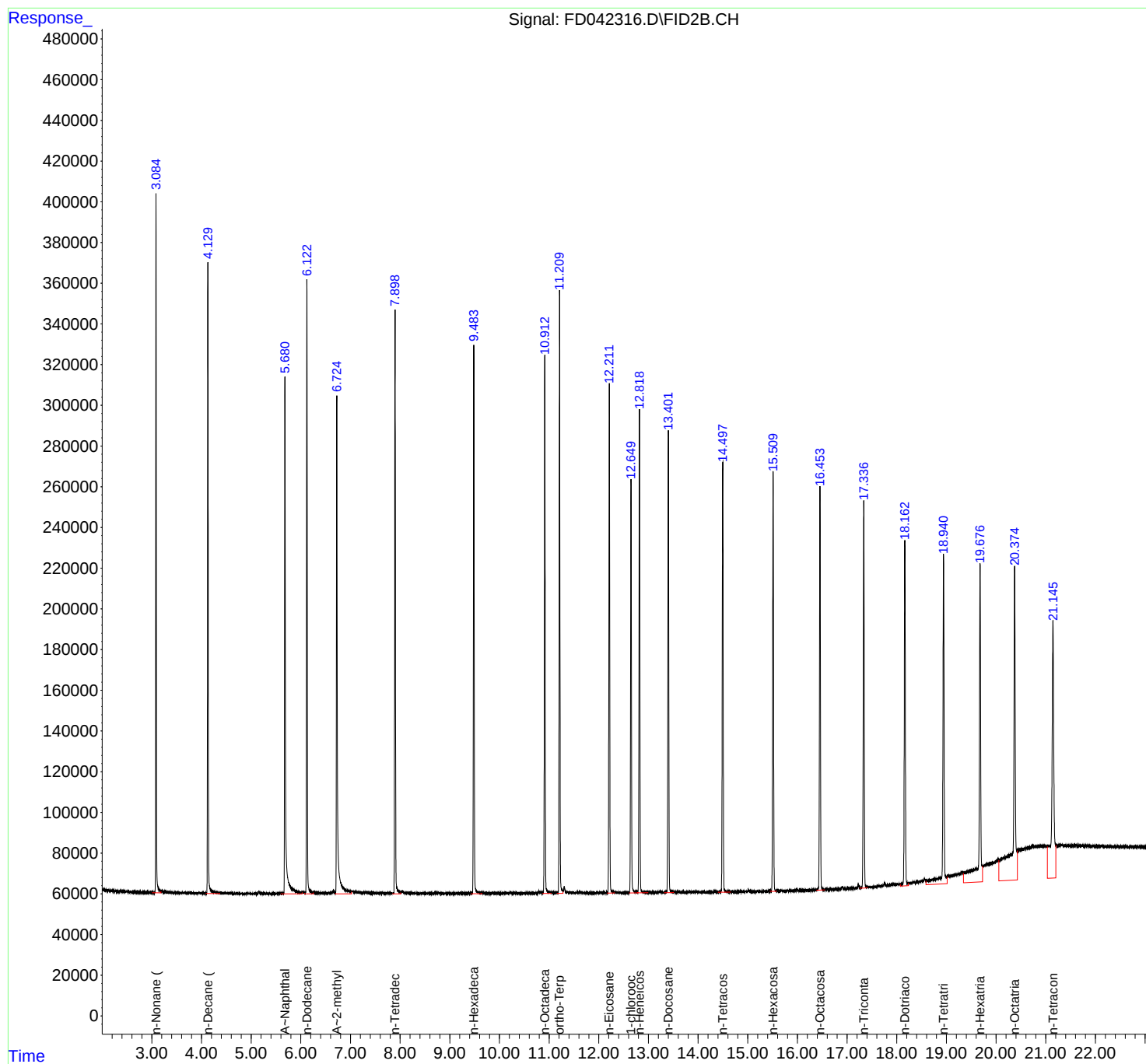
(m)=manual int.

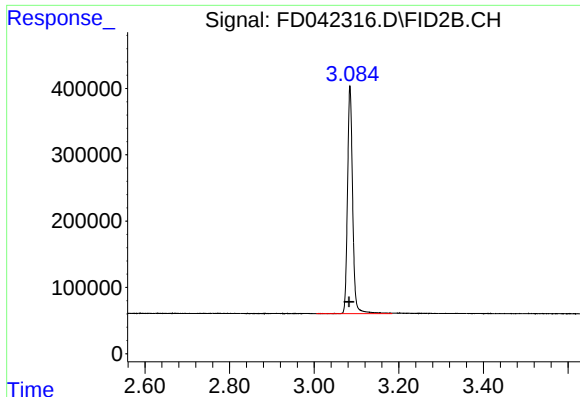
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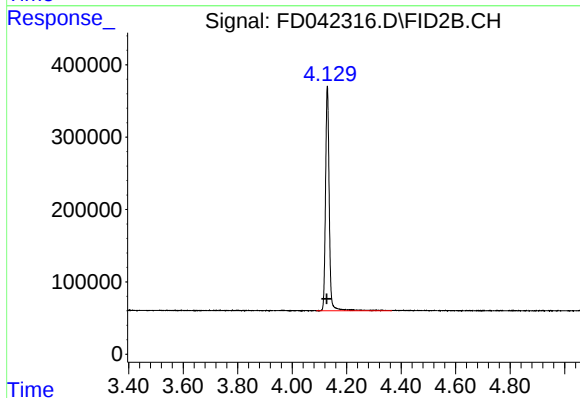




#1 n-Nonane (C9)

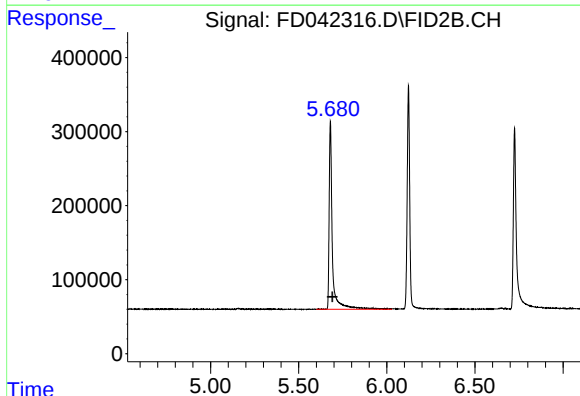
R.T.: 3.085 min
Delta R.T.: 0.003 min
Response: 2904855
Conc: 21.31 ug/ml

Instrument :
FID_D
ClientSampleId :



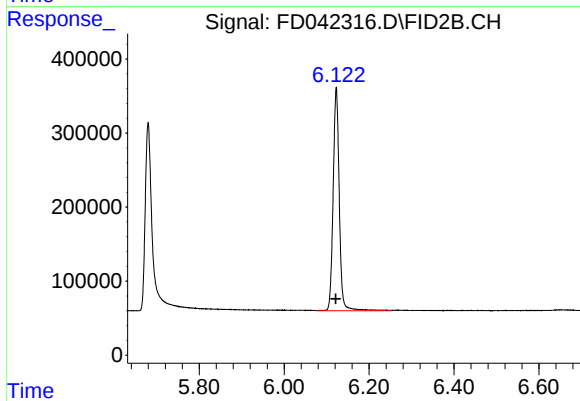
#2 n-Decane (C10)

R.T.: 4.129 min
Delta R.T.: 0.003 min
Response: 2943608
Conc: 21.96 ug/ml



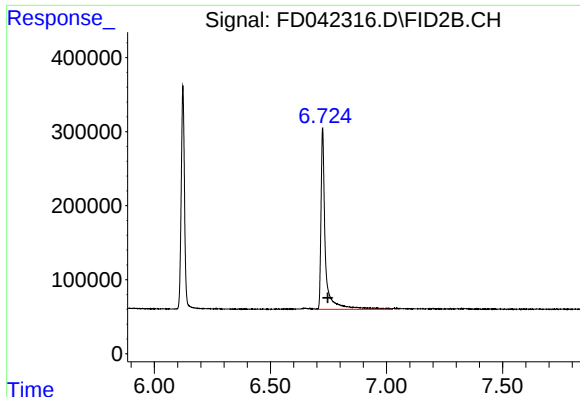
#3 A~Naphthalene (C11.7)

R.T.: 5.680 min
Delta R.T.: -0.011 min
Response: 3266038
Conc: 22.53 ug/ml



#4 n-Dodecane (C12)

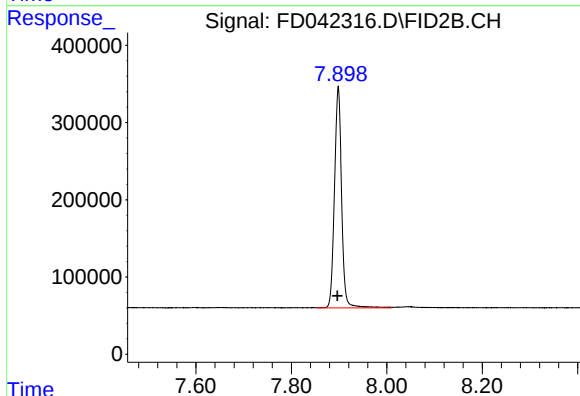
R.T.: 6.123 min
Delta R.T.: 0.002 min
Response: 3030464
Conc: 21.29 ug/ml



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

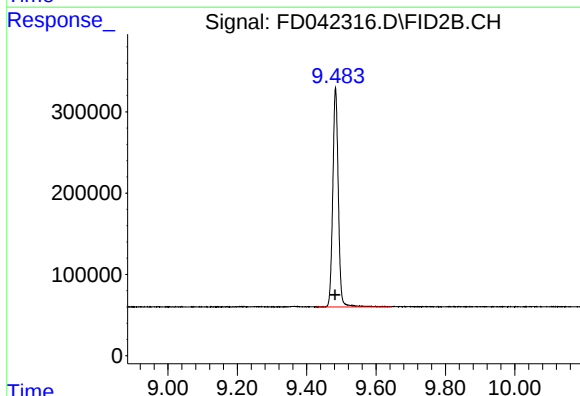
R.T.: 6.725 min
Delta R.T.: -0.021 min
Response: 3245860
Conc: 23.29 ug/ml

Instrument :
FID_D
ClientSampleId :



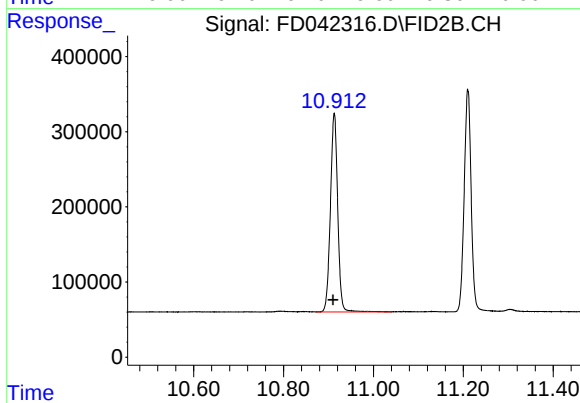
#6 n-Tetradecane (C14)

R.T.: 7.898 min
Delta R.T.: 0.001 min
Response: 3003300
Conc: 21.08 ug/ml



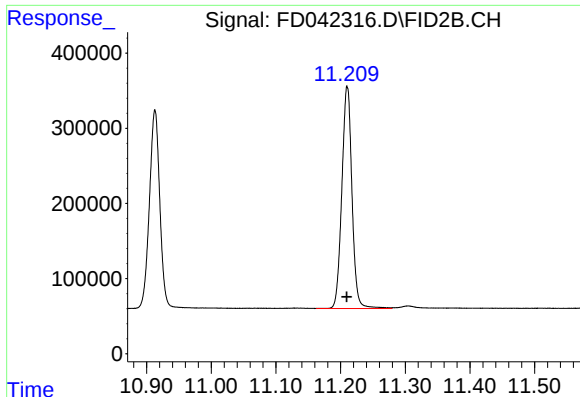
#7 n-Hexadecane (C16)

R.T.: 9.483 min
Delta R.T.: 0.001 min
Response: 2995356
Conc: 20.61 ug/ml



#8 n-Octadecane (C18)

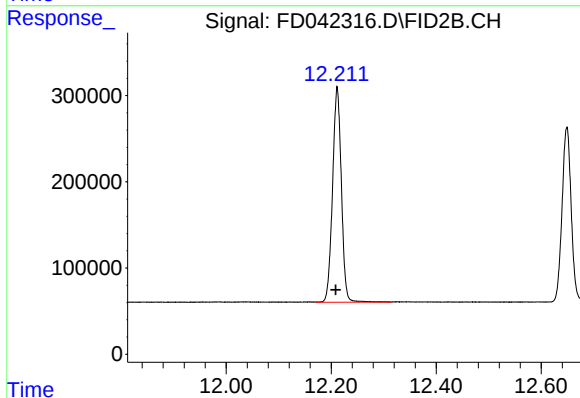
R.T.: 10.913 min
Delta R.T.: 0.002 min
Response: 2985002
Conc: 19.92 ug/ml



#9 ortho-Terphenyl (SURR)

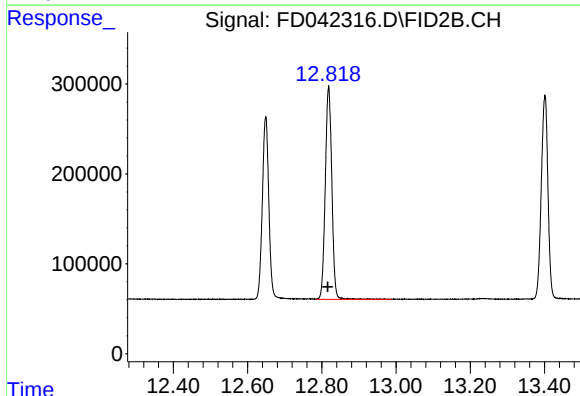
R.T.: 11.210 min
Delta R.T.: 0.000 min
Response: 3220442
Conc: 19.20 ug/ml

Instrument :
FID_D
ClientSampleId :



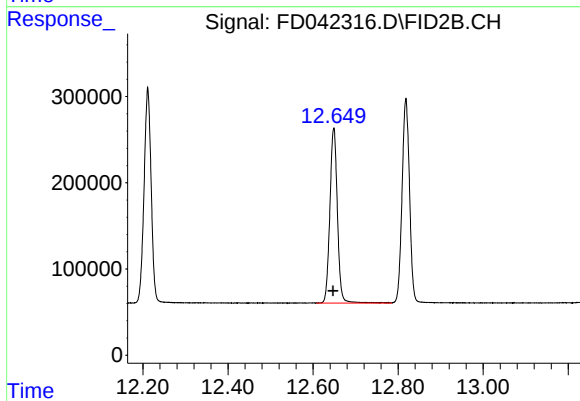
#10 n-Eicosane (C20)

R.T.: 12.211 min
Delta R.T.: 0.003 min
Response: 2914208
Conc: 19.04 ug/ml



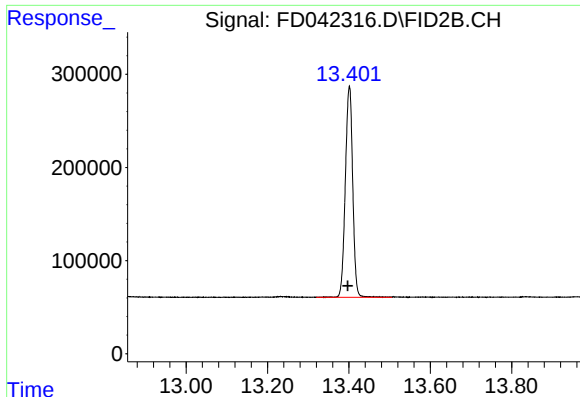
#11 n-Heneicosane (C21)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 2907966
Conc: 18.86 ug/ml



#12 1-chlorooctadecane (SURR)

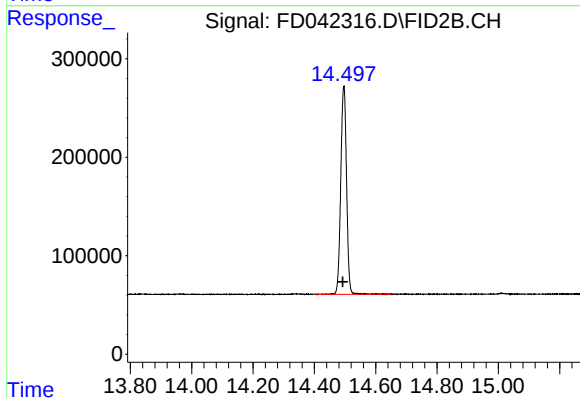
R.T.: 12.649 min
Delta R.T.: 0.001 min
Response: 2498776
Conc: 18.94 ug/ml



#13 n-Docosane (C22)

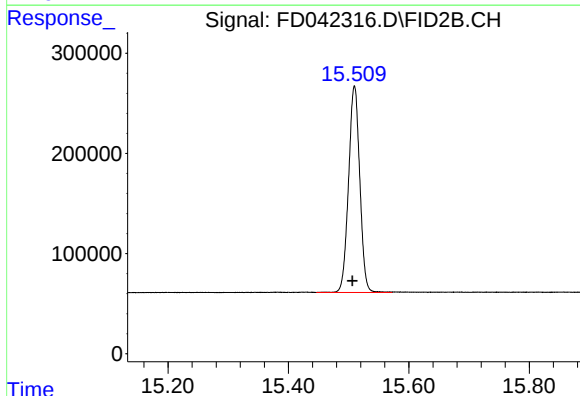
R.T.: 13.401 min
Delta R.T.: 0.004 min
Response: 2857015
Conc: 18.53 ug/ml

Instrument :
FID_D
ClientSampleId :



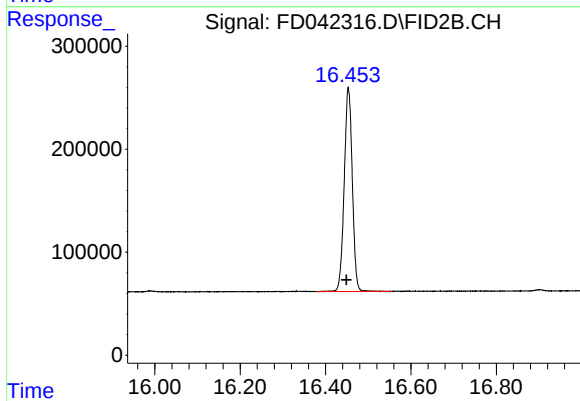
#14 n-Tetracosane (C24)

R.T.: 14.496 min
Delta R.T.: 0.003 min
Response: 2777475
Conc: 17.96 ug/ml



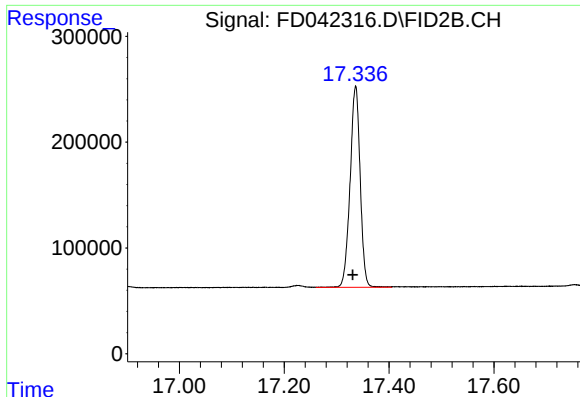
#15 n-Hexacosane (C26)

R.T.: 15.510 min
Delta R.T.: 0.003 min
Response: 2670196
Conc: 17.36 ug/ml



#16 n-Octacosane (C28)

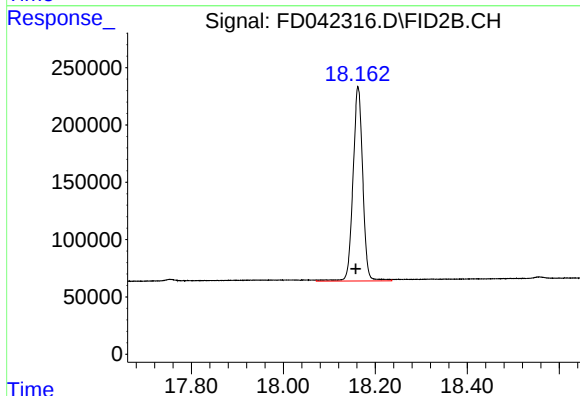
R.T.: 16.454 min
Delta R.T.: 0.005 min
Response: 2604271
Conc: 17.03 ug/ml



#17 n-Tricontane (C30)

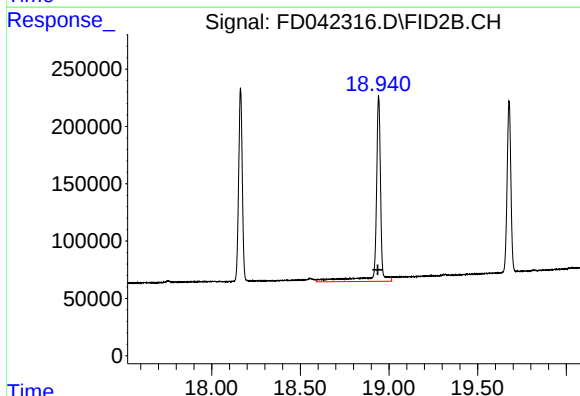
R.T.: 17.336 min
Delta R.T.: 0.005 min
Response: 2535969
Conc: 16.91 ug/ml

Instrument :
FID_D
ClientSampleId :



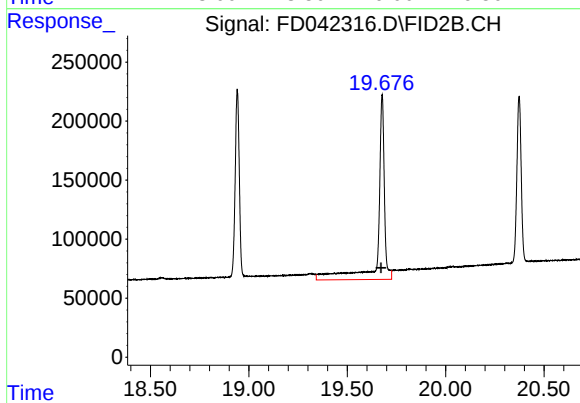
#18 n-Dotriacontane (C32)

R.T.: 18.163 min
Delta R.T.: 0.005 min
Response: 2493154
Conc: 17.63 ug/ml



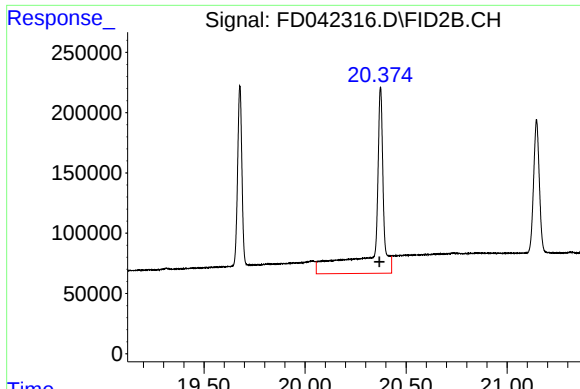
#19 n-Tetratriacontane (C34)

R.T.: 18.941 min
Delta R.T.: 0.005 min
Response: 2948907
Conc: 22.91 ug/ml



#20 n-Hexatriacontane (C36)

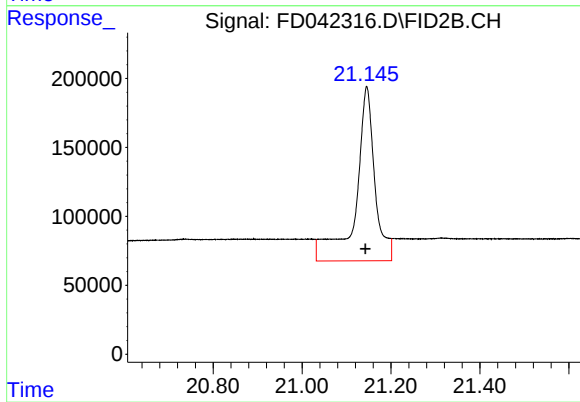
R.T.: 19.677 min
Delta R.T.: 0.005 min
Response: 3566707
Conc: 31.52 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.005 min
Response: 4842327
Conc: 48.53 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.145 min
Delta R.T.: 0.003 min
Response: 3796332
Conc: 42.09 ug/ml