

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051022AL\
 Data File : FD042411.D
 Signal(s) : FID2B.CH
 Acq On : 11 May 2022 7:31
 Operator : UA/NP
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 11 07:59:26 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)	11.208	3281100	19.564 ug/ml
Spiked Amount	50.000	Recovery	= 39.13%
12) S 1-chlorooctadecane (S...	12.647	2541857	19.263 ug/ml
Spiked Amount	50.000	Recovery	= 38.53%
Target Compounds			
1) T n-Nonane (C9)	3.083	2899977	21.276 ug/ml
2) T n-Decane (C10)	4.127	2934965	21.900 ug/ml
3) T A~Naphthalene (C11.7)	5.677	3110148	21.456 ug/ml
4) T n-Dodecane (C12)	6.121	3039878	21.353 ug/ml
5) T A~2-methylnaphthalene...	6.722	3120682	22.394 ug/ml
6) T n-Tetradecane (C14)	7.896	3064300	21.512 ug/ml
7) T n-Hexadecane (C16)	9.481	3075134	21.161 ug/ml
8) T n-Octadecane (C18)	10.910	3074690	20.515 ug/ml
10) T n-Eicosane (C20)	12.210	2994224	19.562 ug/ml
11) T n-Heneicosane (C21)	12.817	2973809	19.290 ug/ml
13) T n-Docosane (C22)	13.399	2935818	19.046 ug/ml
14) T n-Tetracosane (C24)	14.494	2875646	18.594 ug/ml
15) T n-Hexacosane (C26)	15.509	2798127	18.191 ug/ml
16) T n-Octacosane (C28)	16.452	2782789	18.201 ug/ml
17) T n-Tricontane (C30)	17.334	2780751	18.539 ug/ml
18) T n-Dotriacontane (C32)	18.162	2693575	19.049 ug/ml
19) T n-Tetratriacontane (C34)	18.940	2497738	19.409 ug/ml
20) T n-Hexatriacontane (C36)	19.677	2312270	20.433 ug/ml
21) T n-Octatriacontane (C38)	20.373	3177814	31.849 ug/ml
22) T n-Tetracontane (C40)	21.146	2185839	24.234 ug/ml

(f)=RT Delta > 1/2 Window

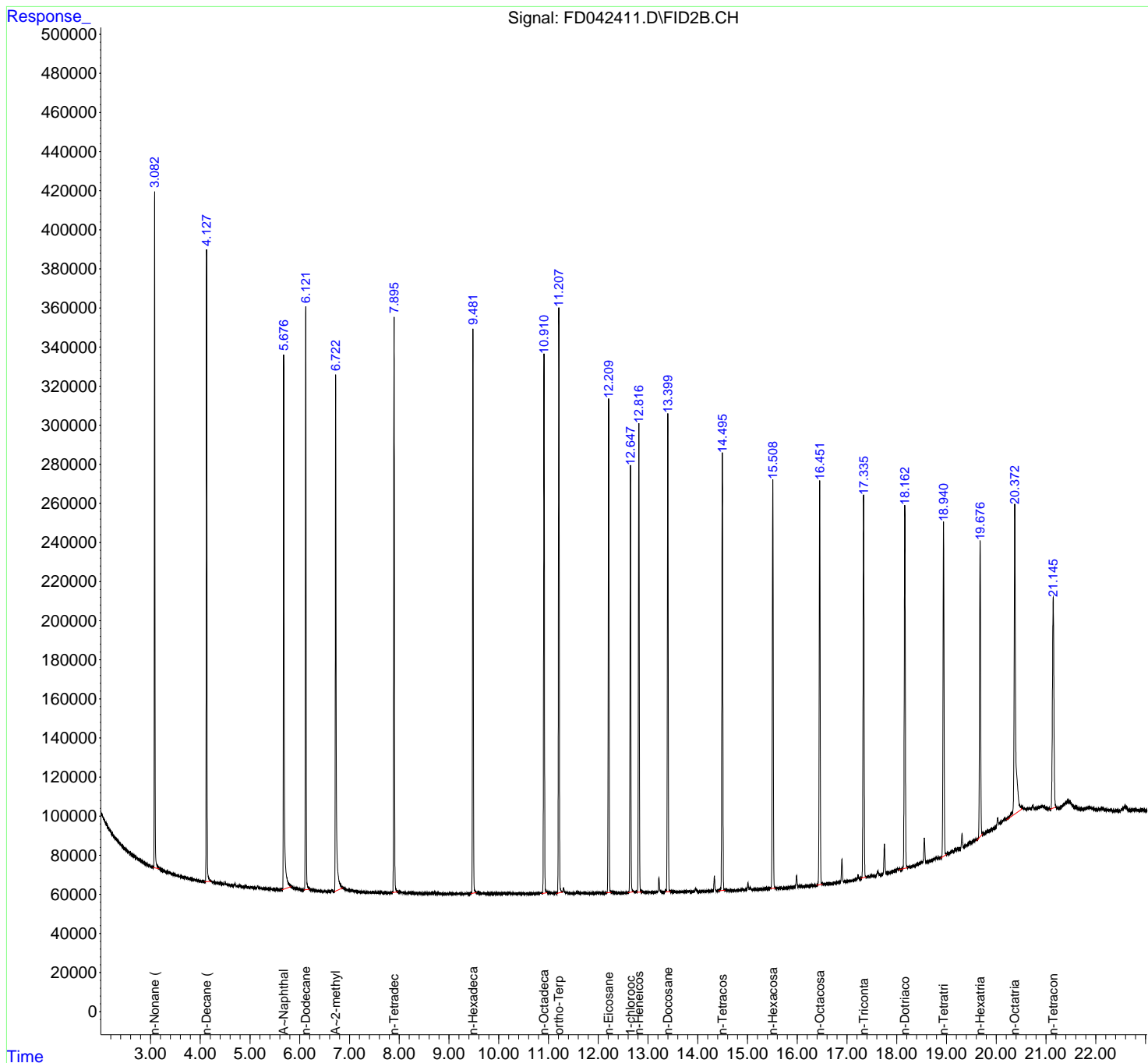
(m)=manual int.

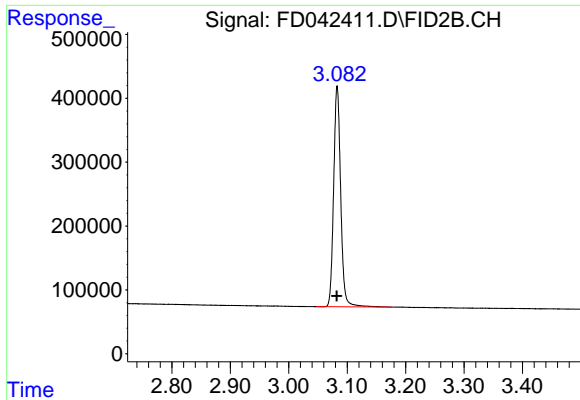
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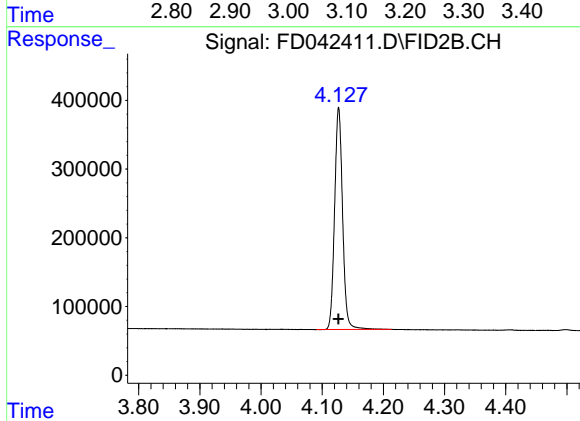




#1 n-Nonane (C9)

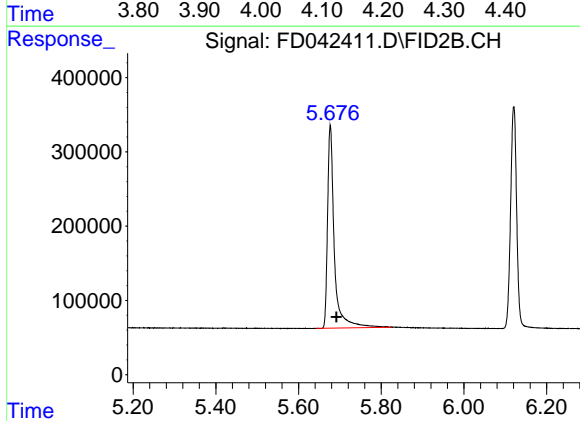
R.T.: 3.083 min
 Delta R.T.: 0.000 min
 Response: 2899977
 Conc: 21.28 ug/ml

Instrument : FID_D
 ClientSampleId :



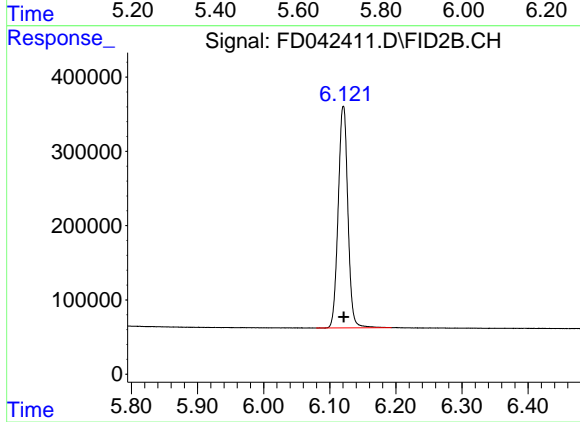
#2 n-Decane (C10)

R.T.: 4.127 min
 Delta R.T.: 0.000 min
 Response: 2934965
 Conc: 21.90 ug/ml



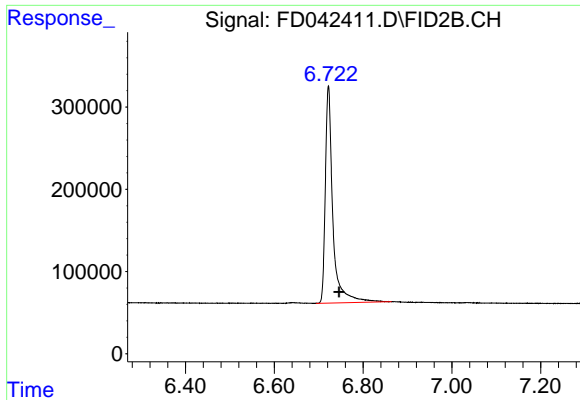
#3 A~Naphthalene (C11.7)

R.T.: 5.677 min
 Delta R.T.: -0.014 min
 Response: 3110148
 Conc: 21.46 ug/ml



#4 n-Dodecane (C12)

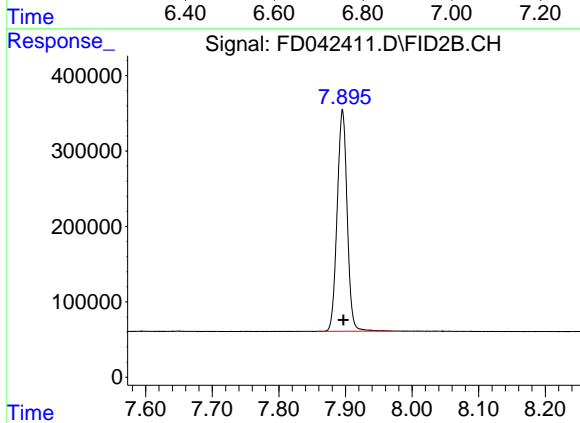
R.T.: 6.121 min
 Delta R.T.: 0.000 min
 Response: 3039878
 Conc: 21.35 ug/ml



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

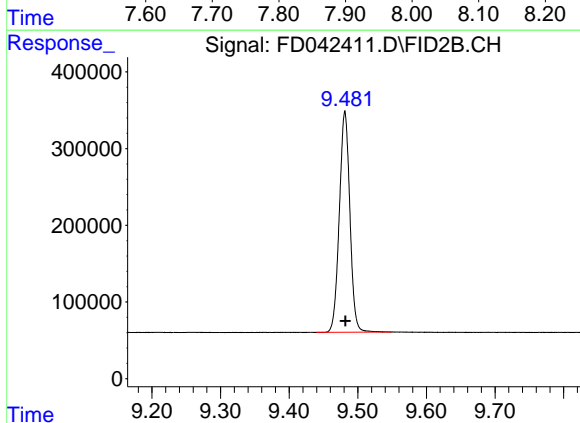
R.T.: 6.722 min
 Delta R.T.: -0.024 min
 Response: 3120682
 Conc: 22.39 ug/ml

Instrument :
 FID_D
 ClientSampleId :



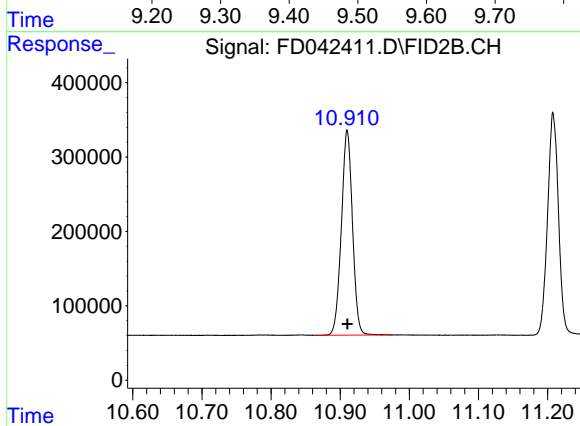
#6 n-Tetradecane (C14)

R.T.: 7.896 min
 Delta R.T.: -0.001 min
 Response: 3064300
 Conc: 21.51 ug/ml



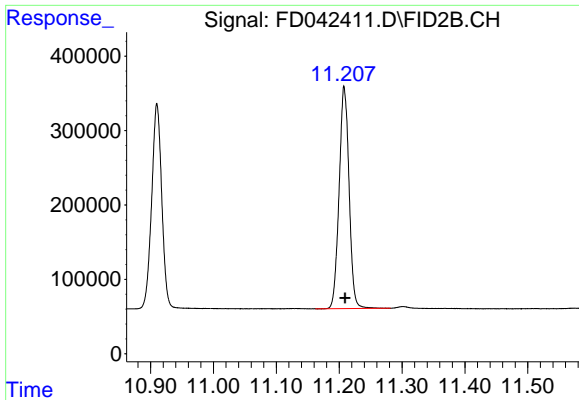
#7 n-Hexadecane (C16)

R.T.: 9.481 min
 Delta R.T.: 0.000 min
 Response: 3075134
 Conc: 21.16 ug/ml



#8 n-Octadecane (C18)

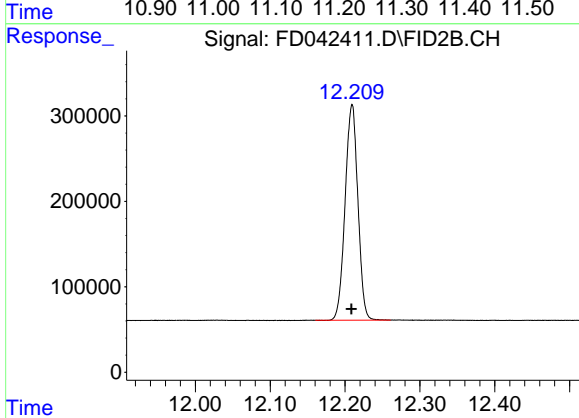
R.T.: 10.910 min
 Delta R.T.: 0.000 min
 Response: 3074690
 Conc: 20.52 ug/ml



#9 ortho-Terphenyl (SURR)

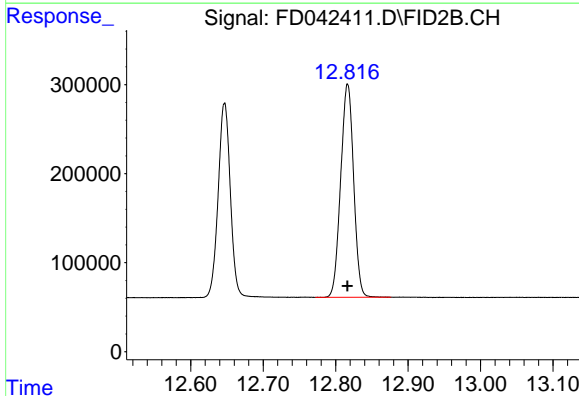
R.T.: 11.208 min
 Delta R.T.: -0.001 min
 Response: 3281100
 Conc: 19.56 ug/ml

Instrument :
 FID_D
 ClientSampleId :



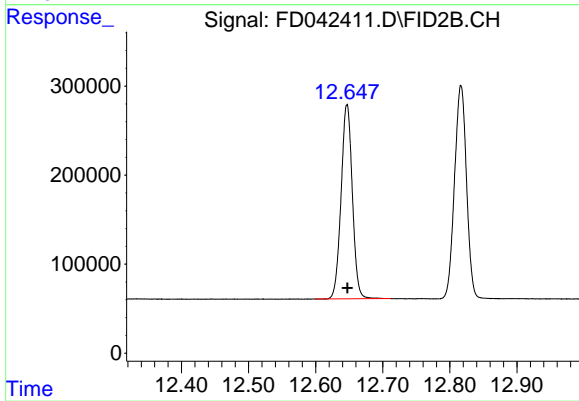
#10 n-Eicosane (C20)

R.T.: 12.210 min
 Delta R.T.: 0.000 min
 Response: 2994224
 Conc: 19.56 ug/ml



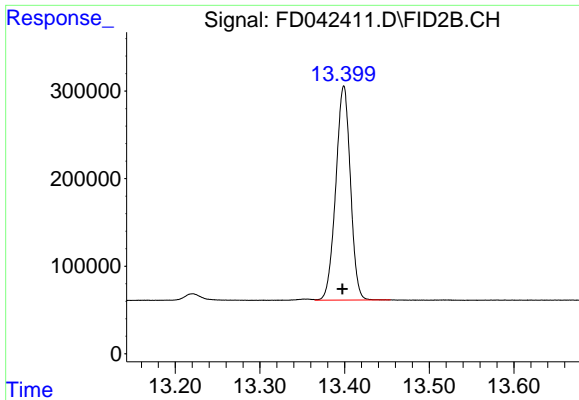
#11 n-Heneicosane (C21)

R.T.: 12.817 min
 Delta R.T.: 0.000 min
 Response: 2973809
 Conc: 19.29 ug/ml



#12 1-chlorooctadecane (SURR)

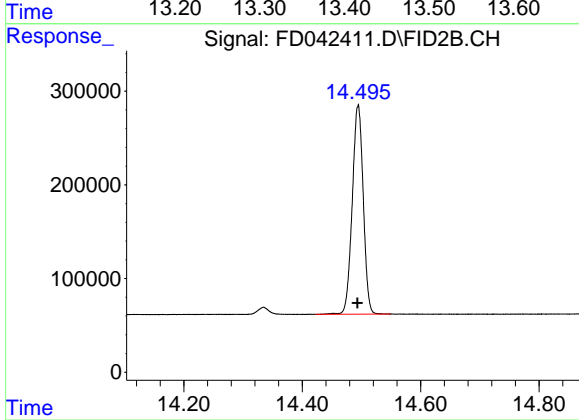
R.T.: 12.647 min
 Delta R.T.: 0.000 min
 Response: 2541857
 Conc: 19.26 ug/ml



#13 n-Docosane (C22)

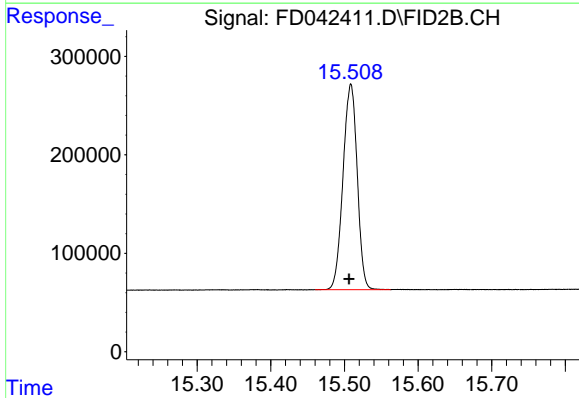
R.T.: 13.399 min
Delta R.T.: 0.002 min
Response: 2935818
Conc: 19.05 ug/ml

Instrument :
FID_D
ClientSampleId :



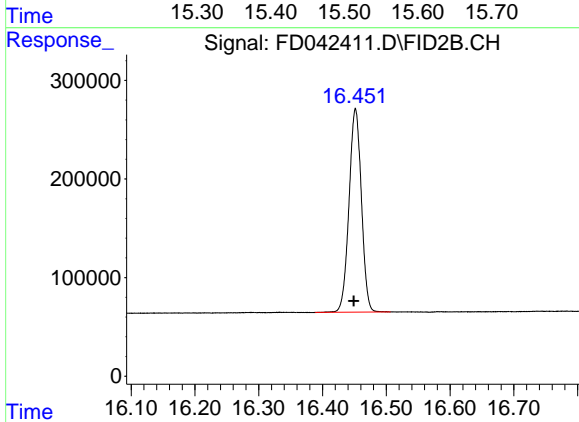
#14 n-Tetracosane (C24)

R.T.: 14.494 min
Delta R.T.: 0.001 min
Response: 2875646
Conc: 18.59 ug/ml



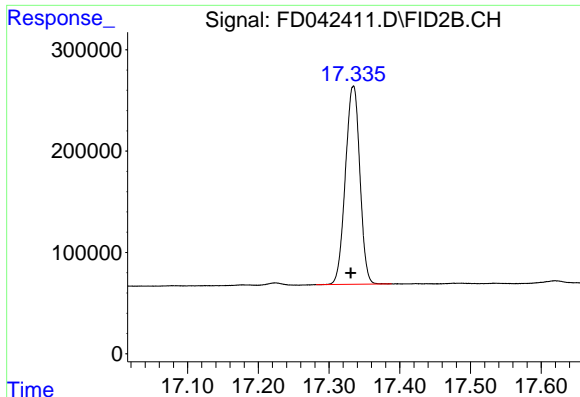
#15 n-Hexacosane (C26)

R.T.: 15.509 min
Delta R.T.: 0.002 min
Response: 2798127
Conc: 18.19 ug/ml



#16 n-Octacosane (C28)

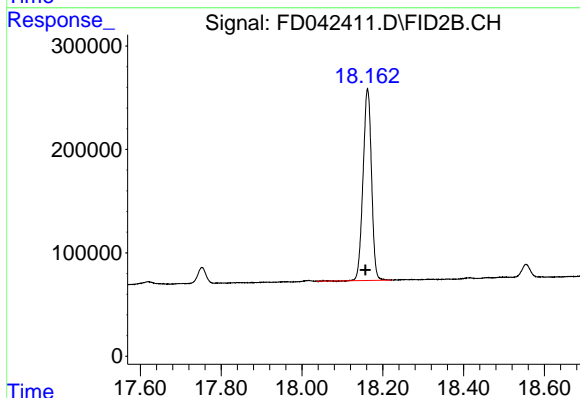
R.T.: 16.452 min
Delta R.T.: 0.003 min
Response: 2782789
Conc: 18.20 ug/ml



#17 n-Tricontane (C30)

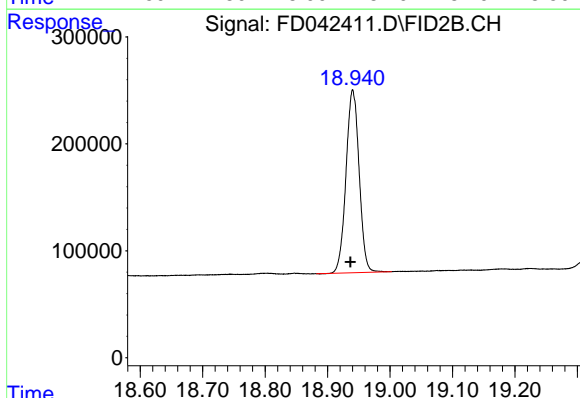
R.T.: 17.334 min
Delta R.T.: 0.004 min
Response: 2780751
Conc: 18.54 ug/ml

Instrument :
FID_D
ClientSampleId :



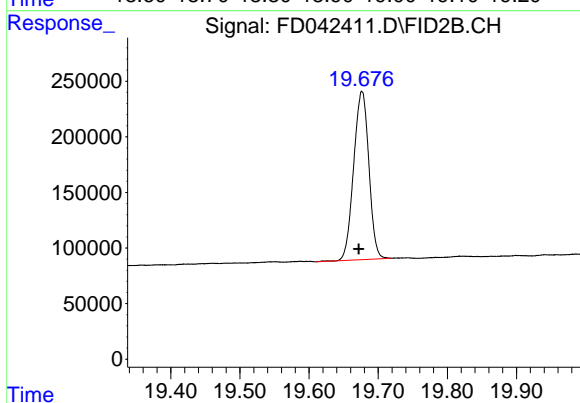
#18 n-Dotriacontane (C32)

R.T.: 18.162 min
Delta R.T.: 0.005 min
Response: 2693575
Conc: 19.05 ug/ml



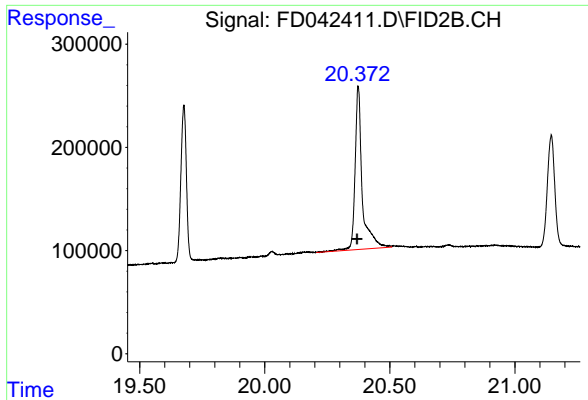
#19 n-Tetracontane (C34)

R.T.: 18.940 min
Delta R.T.: 0.003 min
Response: 2497738
Conc: 19.41 ug/ml



#20 n-Hexatriacontane (C36)

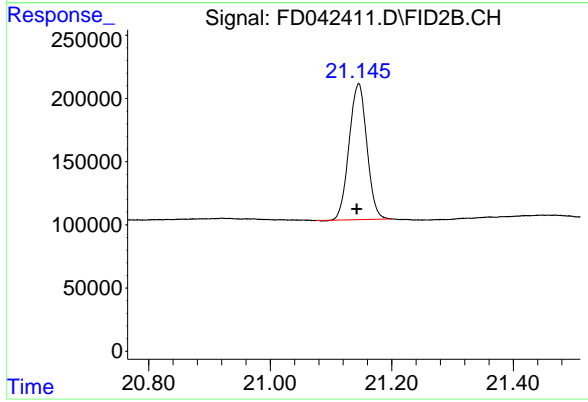
R.T.: 19.677 min
Delta R.T.: 0.005 min
Response: 2312270
Conc: 20.43 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.373 min
Delta R.T.: 0.005 min
Response: 3177814
Conc: 31.85 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.146 min
Delta R.T.: 0.003 min
Response: 2185839
Conc: 24.23 ug/ml