

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030321AL\
 Data File : FD036308.D
 Signal(s) : FID2B.CH
 Acq On : 04 Mar 2021 00:50
 Operator : DD\AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 10 PPM ALIPHATIC HC STD4

Integration File: autoint1.e
 Quant Time: Mar 04 01:55:15 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030321.M
 Quant Title : GC Extractables
 QLast Update : Thu Mar 04 01:53:23 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)	11.513	1444966	10.060 ug/ml
Spiked Amount 50.000		Recovery =	20.12%
12) S 1-chlorooctadecane (S...	12.945	1170868	10.110 ug/ml
Spiked Amount 50.000		Recovery =	20.22%
Target Compounds			
1) T n-Nonane (C9)	3.305	1224741	9.992 ug/ml
2) T n-Decane (C10)	4.368	1235419	9.991 ug/ml
3) T A~Naphthalene (C11.7)	5.946	1387243	9.977 ug/ml
4) T n-Dodecane (C12)	6.379	1259867	9.989 ug/ml
5) T A~2-methylnaphthalene...	6.998	1421212	9.986 ug/ml
6) T n-Tetradecane (C14)	8.168	1278878	10.009 ug/ml
7) T n-Hexadecane (C16)	9.763	1283936	10.055 ug/ml
8) T n-Octadecane (C18)	11.199	1355732	10.099 ug/ml
10) T n-Eicosane (C20)	12.503	1376645	10.106 ug/ml
11) T n-Heneicosane (C21)	13.112	1381521	10.128 ug/ml
13) T n-Docosane (C22)	13.696	1383713	10.126 ug/ml
14) T n-Tetracosane (C24)	14.793	1381475	10.101 ug/ml
15) T n-Hexacosane (C26)	15.809	1357040	10.074 ug/ml
16) T n-Octacosane (C28)	16.753	1337438	10.053 ug/ml
17) T n-Tricontane (C30)	17.636	1307042	10.102 ug/ml
18) T n-Dotriacontane (C32)	18.462	1236113	10.105 ug/ml
19) T n-Tetratriacontane (C34)	19.241	1151881	10.023 ug/ml
20) T n-Hexatriacontane (C36)	19.976	1045037	9.906 ug/ml
21) T n-Octatriacontane (C38)	20.689	968609	10.051 ug/ml
22) T n-Tetracontane (C40)	21.549	971439	10.098 ug/ml

(f)=RT Delta > 1/2 Window

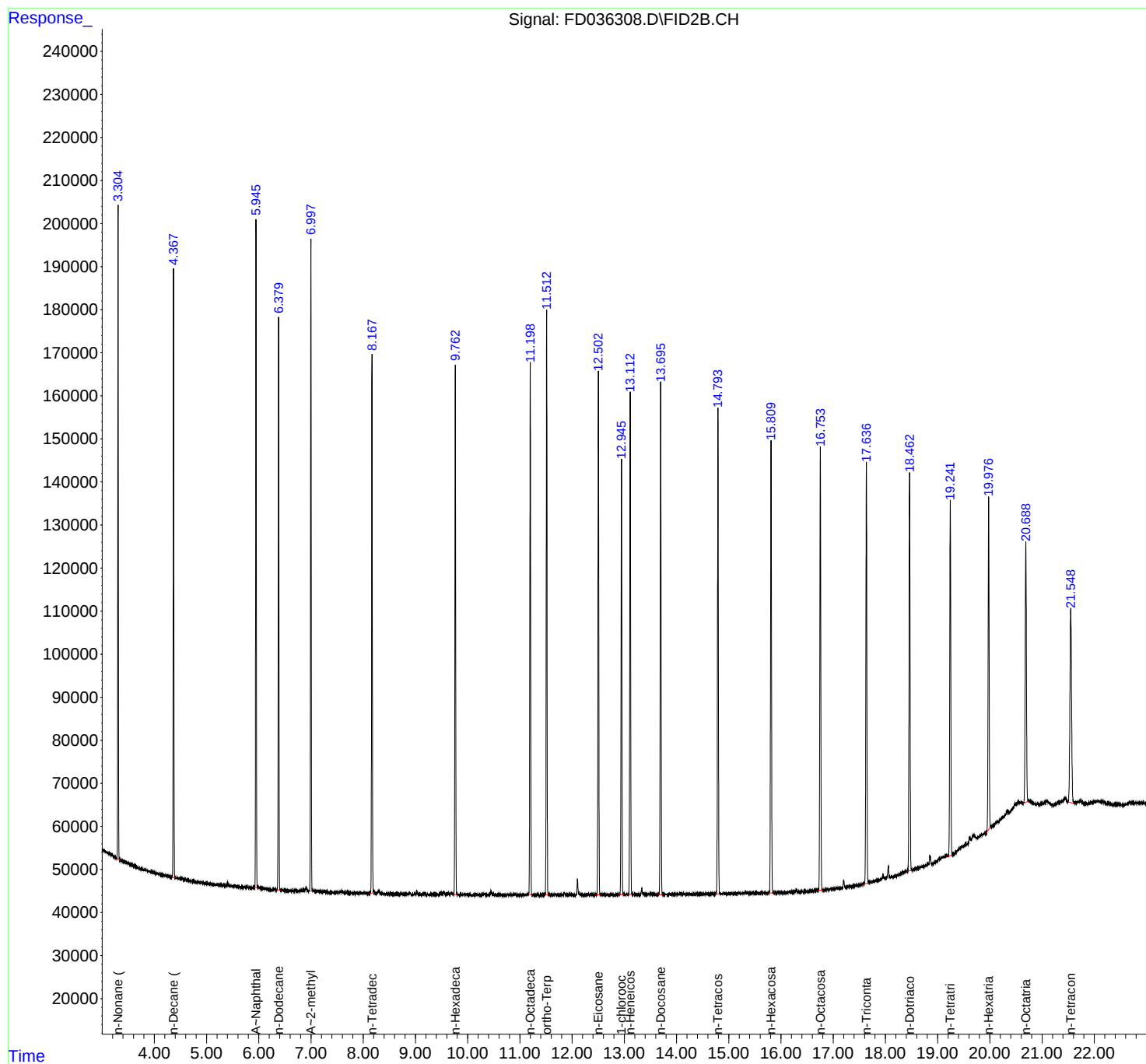
(m)=manual int.

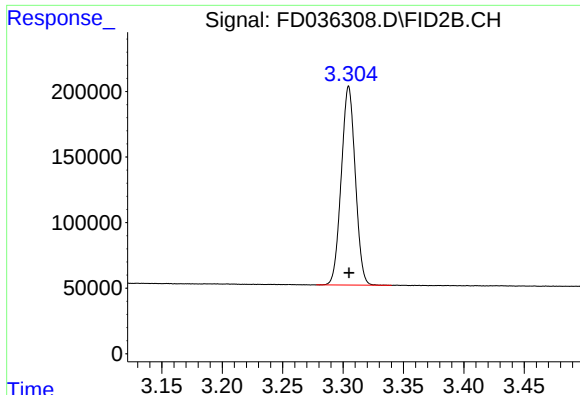
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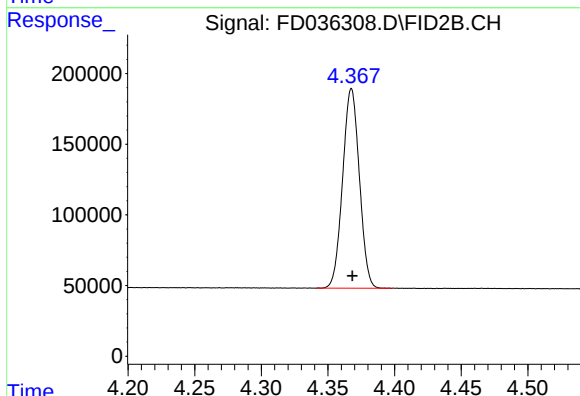




#1 n-Nonane (C9)

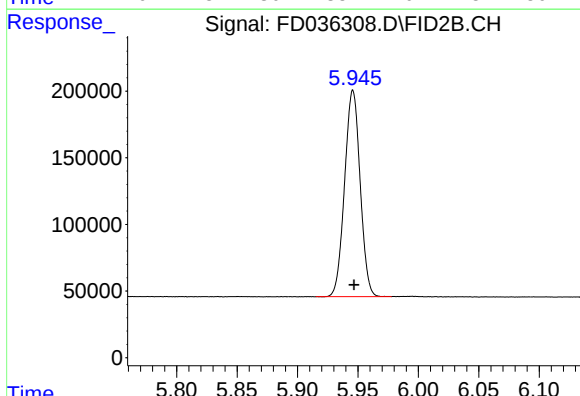
R.T.: 3.305 min
Delta R.T.: 0.000 min
Response: 1224741
Conc: 9.99 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



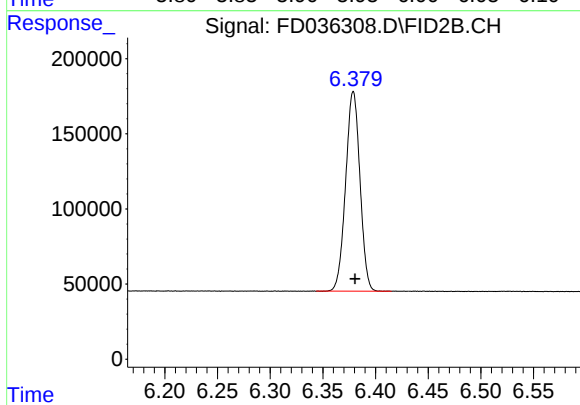
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 1235419
Conc: 9.99 ug/ml



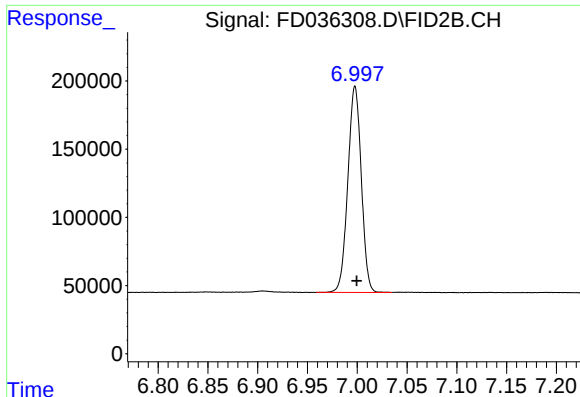
#3 A~Naphthalene (C11.7)

R.T.: 5.946 min
Delta R.T.: 0.000 min
Response: 1387243
Conc: 9.98 ug/ml



#4 n-Dodecane (C12)

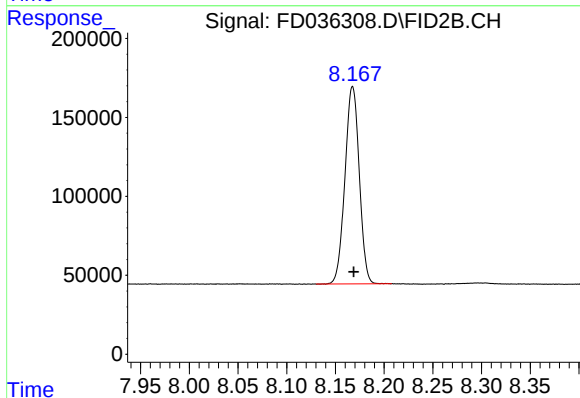
R.T.: 6.379 min
Delta R.T.: -0.002 min
Response: 1259867
Conc: 9.99 ug/ml



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

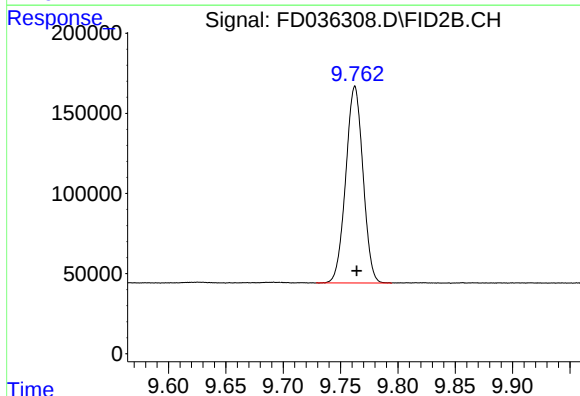
R.T.: 6.998 min
Delta R.T.: -0.002 min
Response: 1421212
Conc: 9.99 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



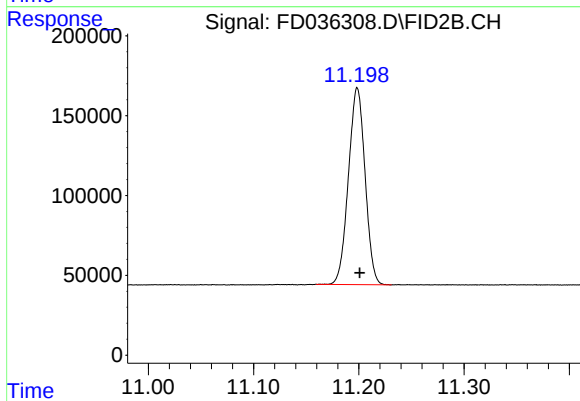
#6 n-Tetradecane (C14)

R.T.: 8.168 min
Delta R.T.: -0.001 min
Response: 1278878
Conc: 10.01 ug/ml



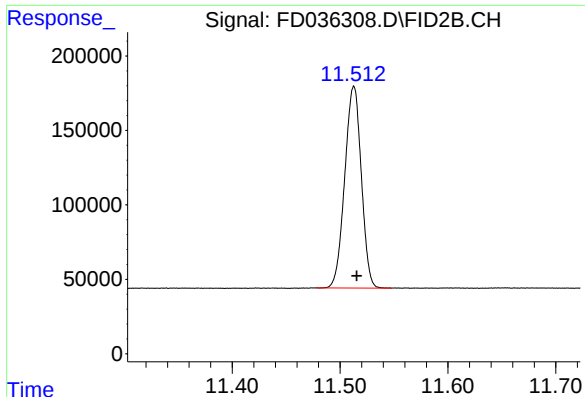
#7 n-Hexadecane (C16)

R.T.: 9.763 min
Delta R.T.: -0.002 min
Response: 1283936
Conc: 10.06 ug/ml



#8 n-Octadecane (C18)

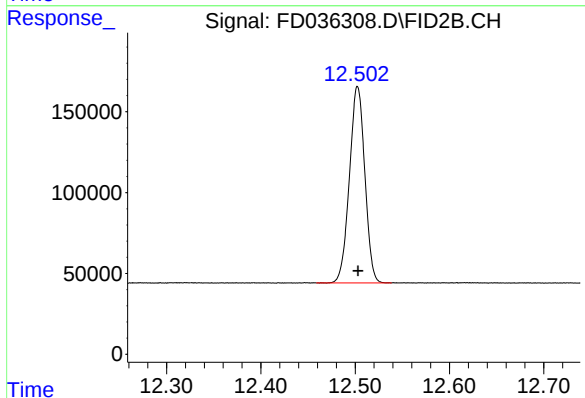
R.T.: 11.199 min
Delta R.T.: -0.002 min
Response: 1355732
Conc: 10.10 ug/ml



#9 ortho-Terphenyl (SURR)

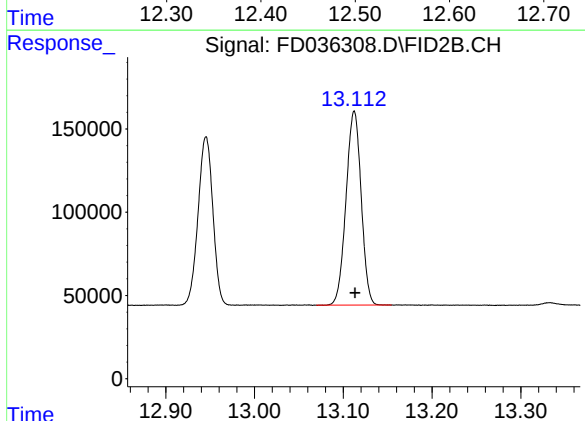
R.T.: 11.513 min
Delta R.T.: -0.002 min
Response: 1444966
Conc: 10.06 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



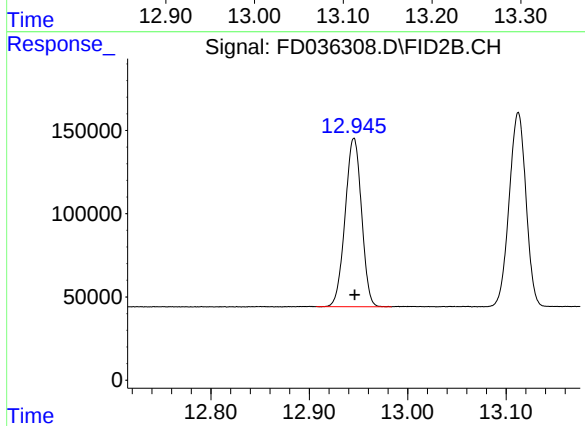
#10 n-Eicosane (C20)

R.T.: 12.503 min
Delta R.T.: 0.000 min
Response: 1376645
Conc: 10.11 ug/ml



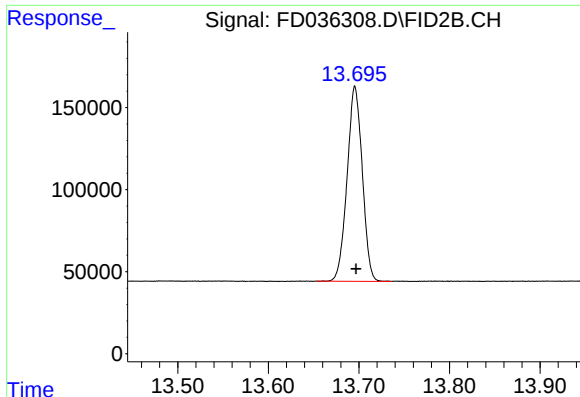
#11 n-Heneicosane (C21)

R.T.: 13.112 min
Delta R.T.: 0.000 min
Response: 1381521
Conc: 10.13 ug/ml



#12 1-chlorooctadecane (SURR)

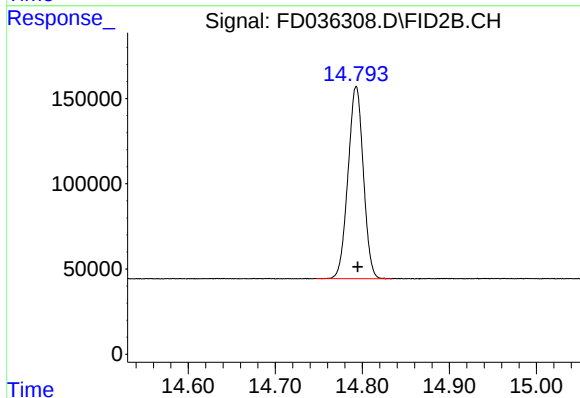
R.T.: 12.945 min
Delta R.T.: 0.000 min
Response: 1170868
Conc: 10.11 ug/ml



#13 n-Docosane (C22)

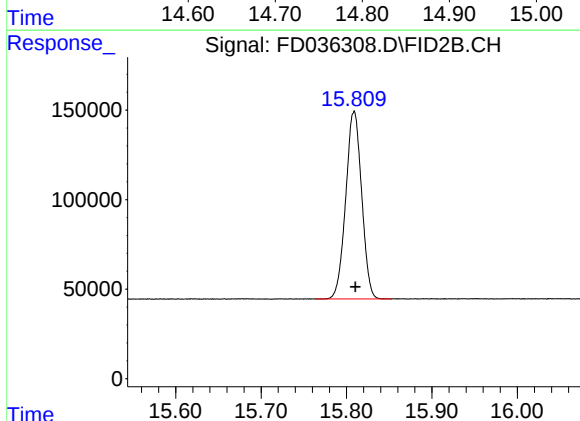
R.T.: 13.696 min
Delta R.T.: -0.001 min
Response: 1383713
Conc: 10.13 ug/ml

Instrument :
FID_D
ClientSampleId :
10 PPM ALIPHATIC HC STD4



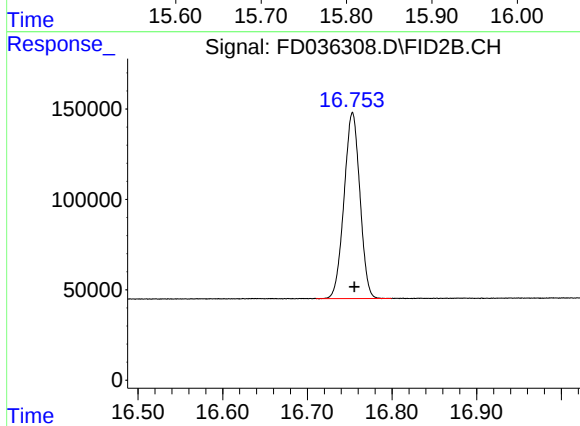
#14 n-Tetracosane (C24)

R.T.: 14.793 min
Delta R.T.: -0.002 min
Response: 1381475
Conc: 10.10 ug/ml



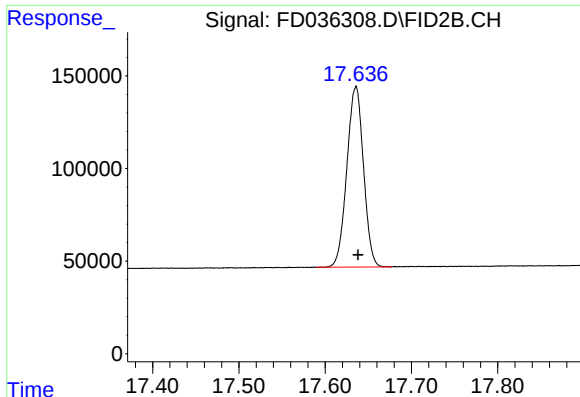
#15 n-Hexacosane (C26)

R.T.: 15.809 min
Delta R.T.: -0.002 min
Response: 1357040
Conc: 10.07 ug/ml



#16 n-Octacosane (C28)

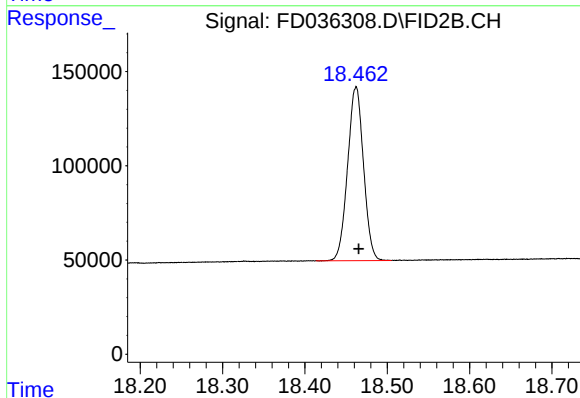
R.T.: 16.753 min
Delta R.T.: -0.002 min
Response: 1337438
Conc: 10.05 ug/ml



#17 n-Tricontane (C30)

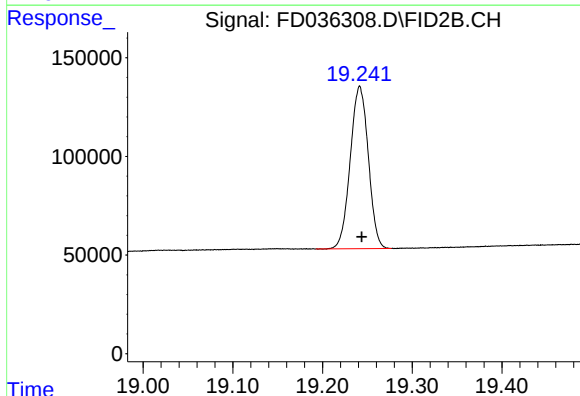
R.T.: 17.636 min
Delta R.T.: -0.002 min
Response: 1307042
Conc: 10.10 ug/ml

Instrument :
FID_D
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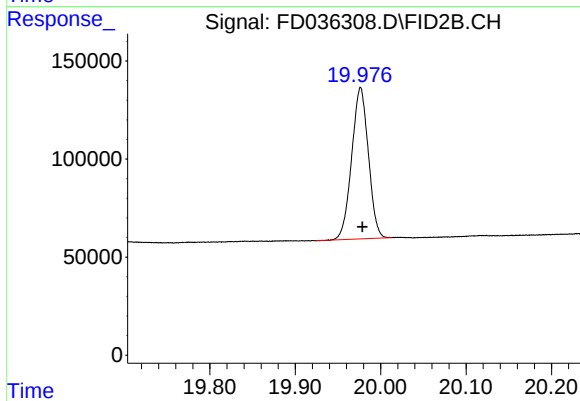
#18 n-Dotriacontane (C32)

R.T.: 18.462 min
Delta R.T.: -0.003 min
Response: 1236113
Conc: 10.10 ug/ml



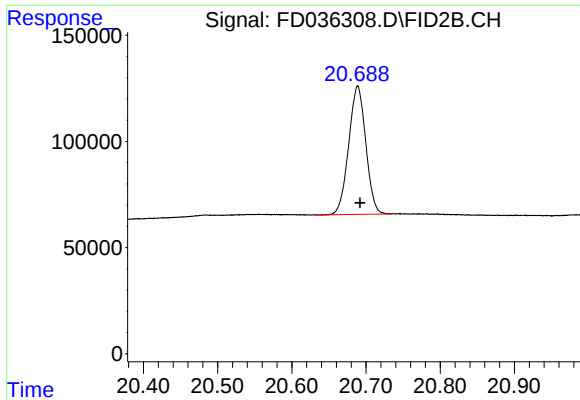
#19 n-Tetratriacontane (C34)

R.T.: 19.241 min
Delta R.T.: -0.002 min
Response: 1151881
Conc: 10.02 ug/ml



#20 n-Hexatriacontane (C36)

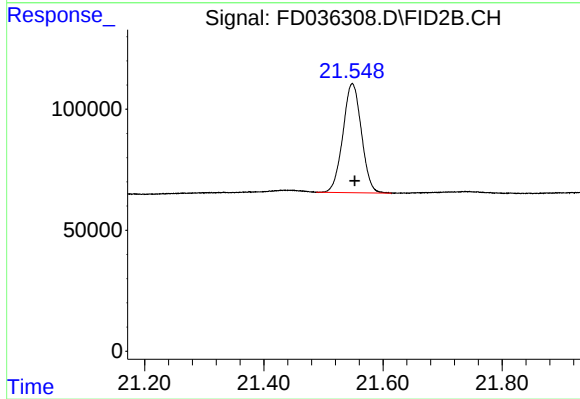
R.T.: 19.976 min
Delta R.T.: -0.002 min
Response: 1045037
Conc: 9.91 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.689 min
Delta R.T.: -0.003 min
Response: 968609
Conc: 10.05 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: -0.004 min
Response: 971439
Conc: 10.10 ug/ml