

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD021521AL\
 Data File : FD036192.D
 Signal(s) : FID2B.CH
 Acq On : 15 Feb 2021 20:29
 Operator : DD\AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 16 04:05:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 021521.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 16 04:03:52 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)	11.509	641452	4.563 ug/ml
Spiked Amount 50.000		Recovery =	9.13%
12) S 1-chlorooctadecane (S...	12.940	510375	4.547 ug/ml
Spiked Amount 50.000		Recovery =	9.09%
Target Compounds			
1) T n-Nonane (C9)	3.306	547530	4.560 ug/ml
2) T n-Decane (C10)	4.368	554141	4.574 ug/ml
3) T A~Naphthalene (C11.7)	5.944	624635	4.580 ug/ml
4) T n-Dodecane (C12)	6.378	566293	4.590 ug/ml
5) T A~2-methylnaphthalene...	6.995	634816	4.555 ug/ml
6) T n-Tetradecane (C14)	8.166	581170	4.635 ug/ml
7) T n-Hexadecane (C16)	9.760	564395	4.554 ug/ml
8) T n-Octadecane (C18)	11.196	594644	4.580 ug/ml
10) T n-Eicosane (C20)	12.499	599307	4.545 ug/ml
11) T n-Heneicosane (C21)	13.108	608770	4.610 ug/ml
13) T n-Docosane (C22)	13.691	606079	4.575 ug/ml
14) T n-Tetracosane (C24)	14.788	612025	4.585 ug/ml
15) T n-Hexacosane (C26)	15.803	605861	4.544 ug/ml
16) T n-Octacosane (C28)	16.747	610161	4.561 ug/ml
17) T n-Tricontane (C30)	17.629	622047	4.655 ug/ml
18) T n-Dotriacontane (C32)	18.457	614419	4.697 ug/ml
19) T n-Tetratriacontane (C34)	19.235	600100	4.652 ug/ml
20) T n-Hexatriacontane (C36)	19.969	565233	4.572 ug/ml
21) T n-Octatriacontane (C38)	20.681	535517	4.608 ug/ml
22) T n-Tetracontane (C40)	21.535	533304	4.567 ug/ml

(f)=RT Delta > 1/2 Window

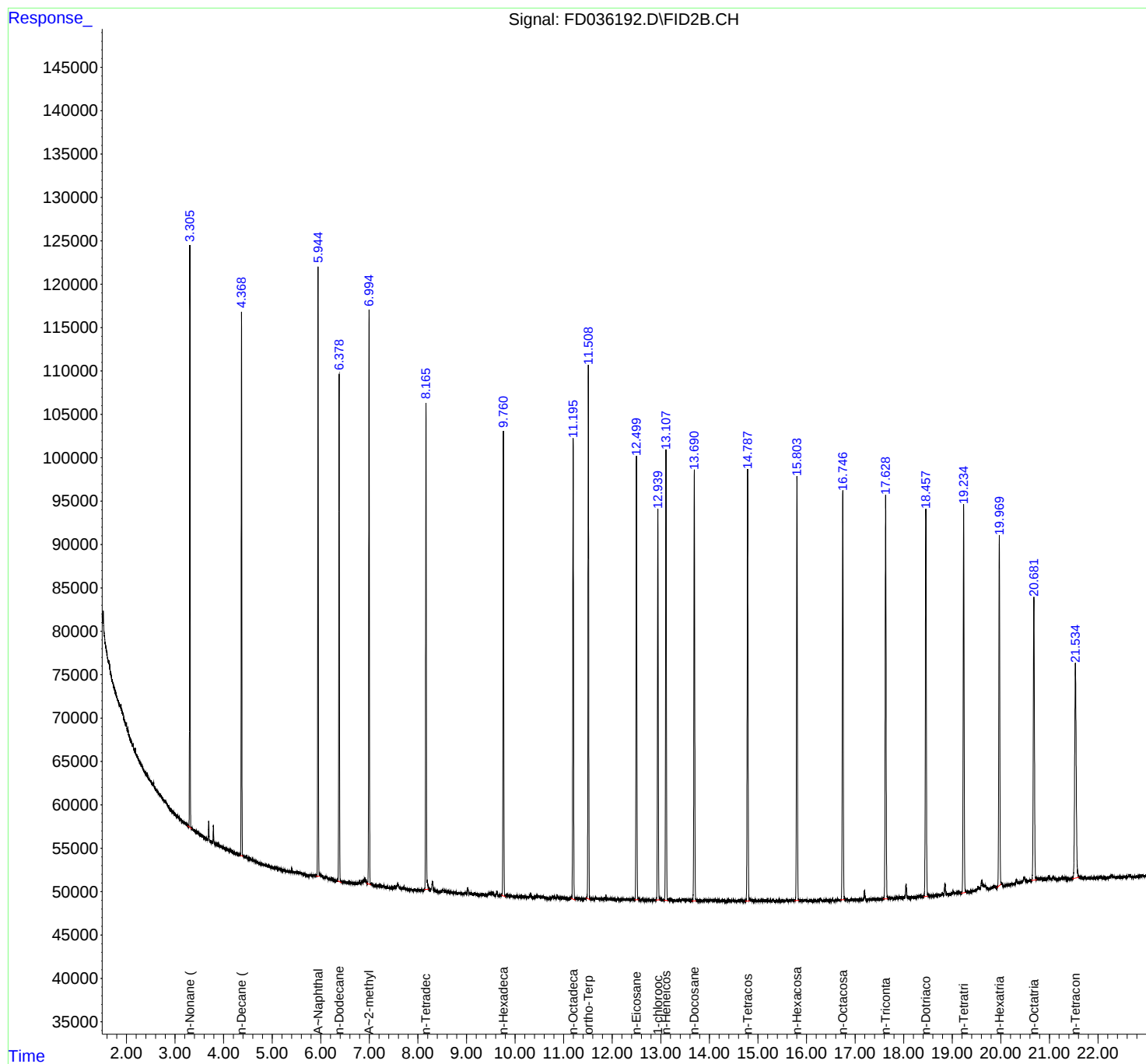
(m)=manual int.

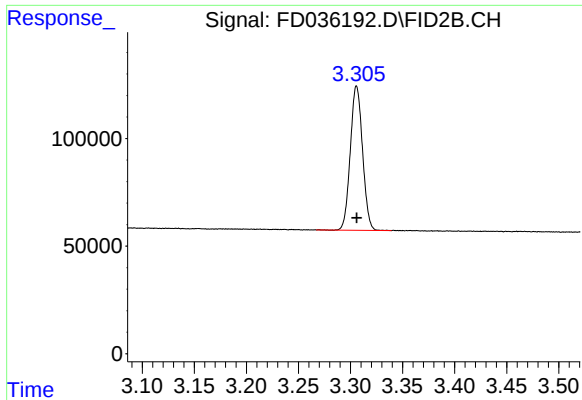
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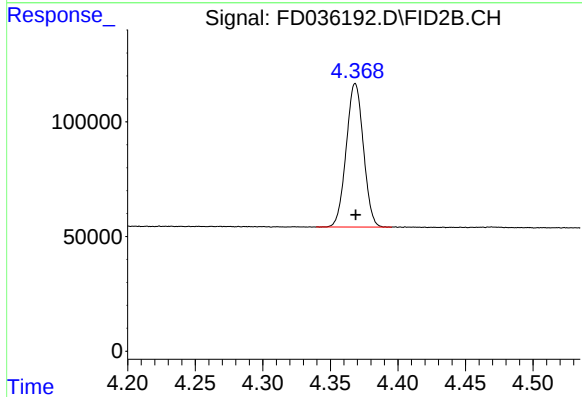




#1 n-Nonane (C9)

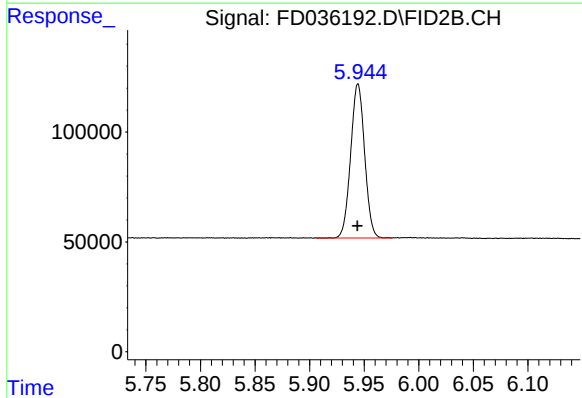
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 547530
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :



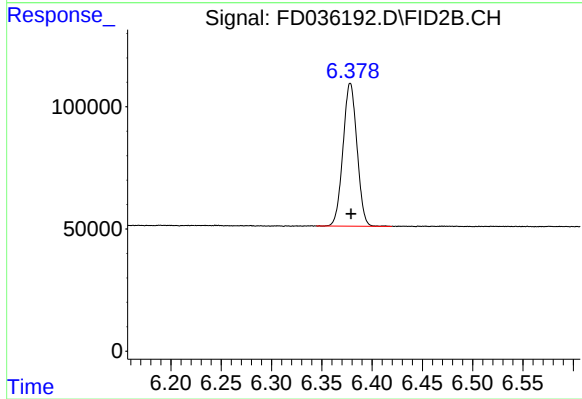
#2 n-Decane (C10)

R.T.: 4.368 min
Delta R.T.: 0.000 min
Response: 554141
Conc: 4.57 ug/ml



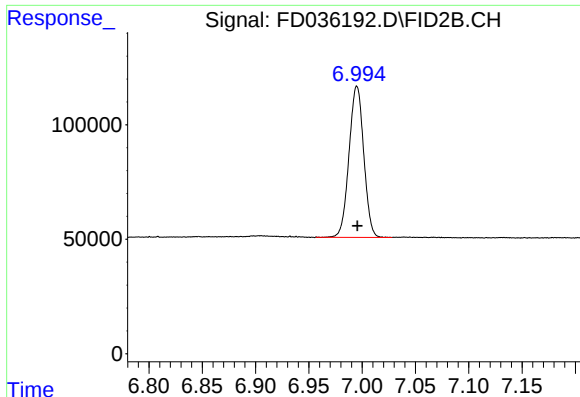
#3 A~Naphthalene (C11.7)

R.T.: 5.944 min
Delta R.T.: 0.000 min
Response: 624635
Conc: 4.58 ug/ml



#4 n-Dodecane (C12)

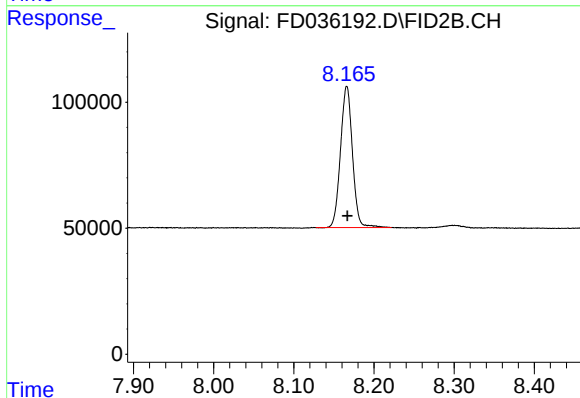
R.T.: 6.378 min
Delta R.T.: 0.000 min
Response: 566293
Conc: 4.59 ug/ml



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

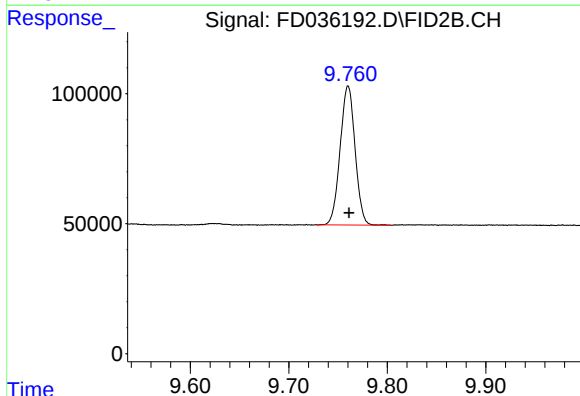
R.T.: 6.995 min
Delta R.T.: 0.000 min
Response: 634816
Conc: 4.55 ug/ml

Instrument :
FID_D
ClientSampleId :



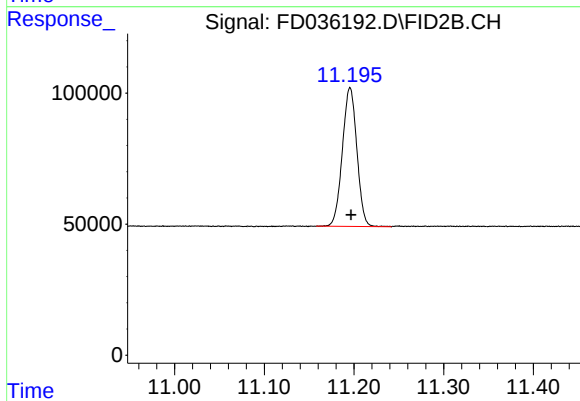
#6 n-Tetradecane (C14)

R.T.: 8.166 min
Delta R.T.: 0.000 min
Response: 581170
Conc: 4.63 ug/ml



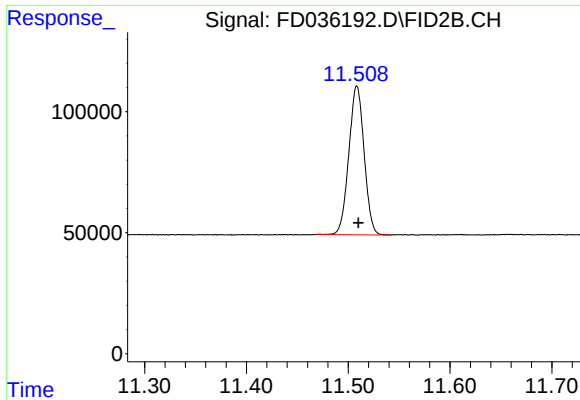
#7 n-Hexadecane (C16)

R.T.: 9.760 min
Delta R.T.: 0.000 min
Response: 564395
Conc: 4.55 ug/ml



#8 n-Octadecane (C18)

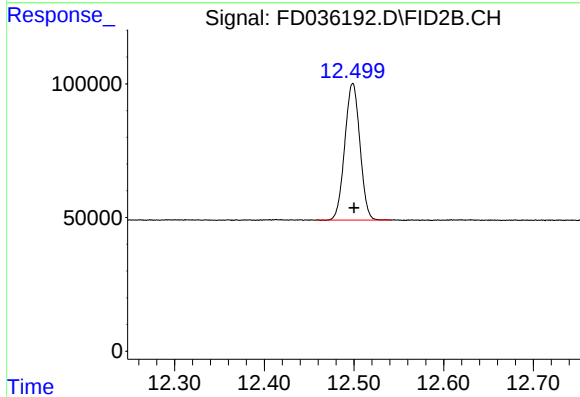
R.T.: 11.196 min
Delta R.T.: 0.000 min
Response: 594644
Conc: 4.58 ug/ml



#9 ortho-Terphenyl (SURR)

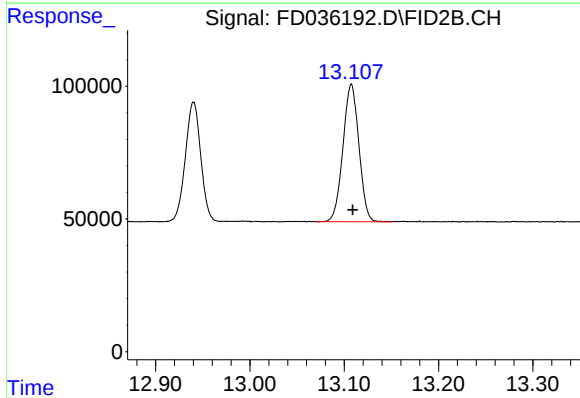
R.T.: 11.509 min
Delta R.T.: -0.002 min
Response: 641452
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :



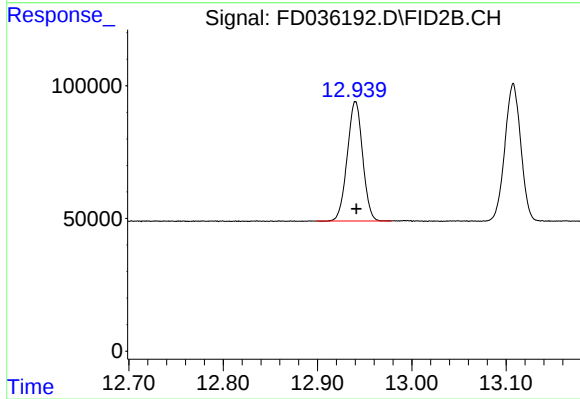
#10 n-Eicosane (C20)

R.T.: 12.499 min
Delta R.T.: -0.001 min
Response: 599307
Conc: 4.55 ug/ml



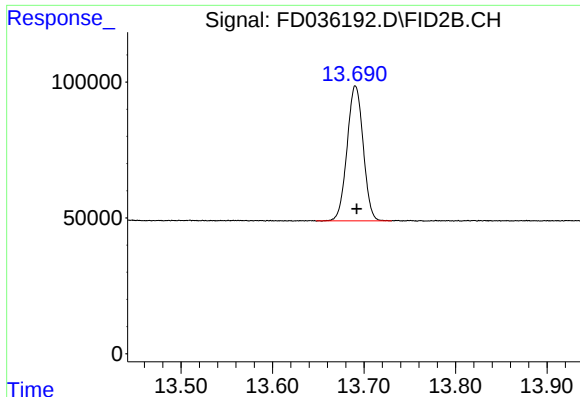
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.001 min
Response: 608770
Conc: 4.61 ug/ml



#12 1-chlorooctadecane (SURR)

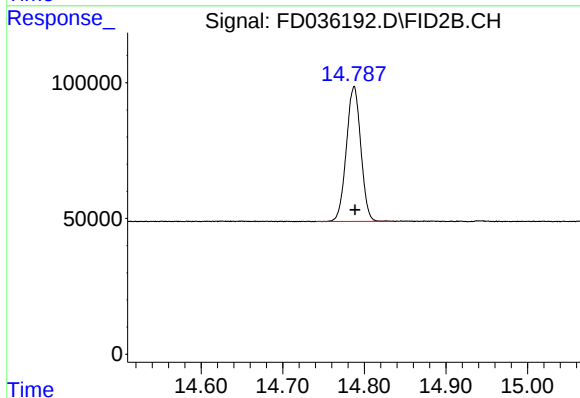
R.T.: 12.940 min
Delta R.T.: 0.000 min
Response: 510375
Conc: 4.55 ug/ml



#13 n-Docosane (C22)

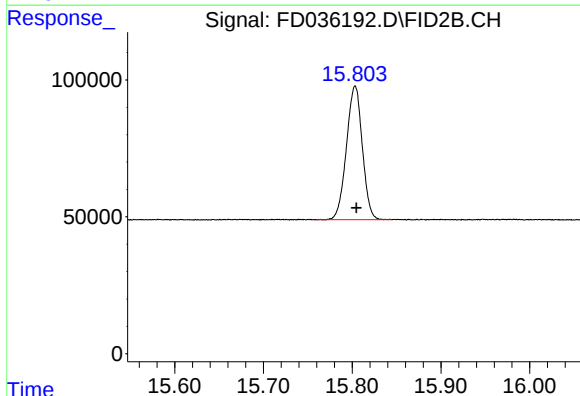
R.T.: 13.691 min
Delta R.T.: -0.001 min
Response: 606079
Conc: 4.58 ug/ml

Instrument :
FID_D
ClientSampleId :



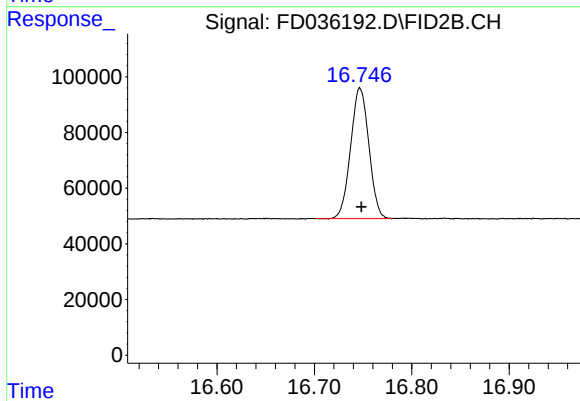
#14 n-Tetracosane (C24)

R.T.: 14.788 min
Delta R.T.: -0.001 min
Response: 612025
Conc: 4.59 ug/ml



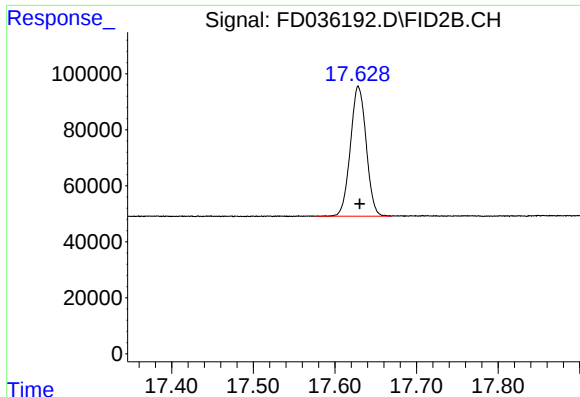
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.001 min
Response: 605861
Conc: 4.54 ug/ml



#16 n-Octacosane (C28)

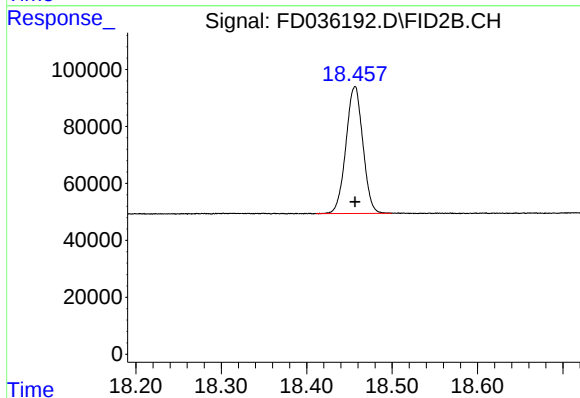
R.T.: 16.747 min
Delta R.T.: -0.001 min
Response: 610161
Conc: 4.56 ug/ml



#17 n-Tricontane (C30)

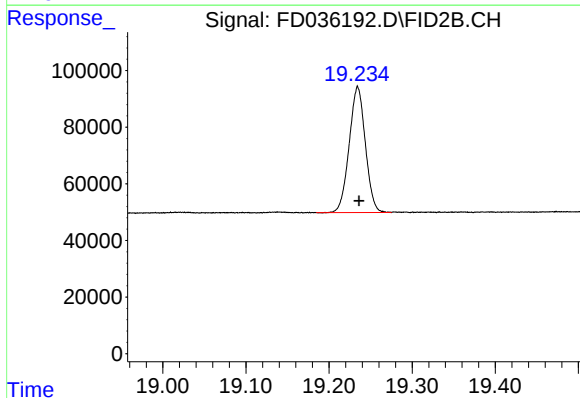
R.T.: 17.629 min
Delta R.T.: -0.002 min
Response: 622047
Conc: 4.65 ug/ml

Instrument :
FID_D
ClientSampleId :



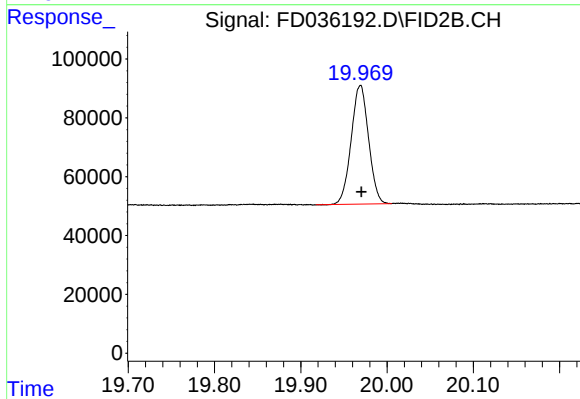
#18 n-Dotriacontane (C32)

R.T.: 18.457 min
Delta R.T.: 0.000 min
Response: 614419
Conc: 4.70 ug/ml



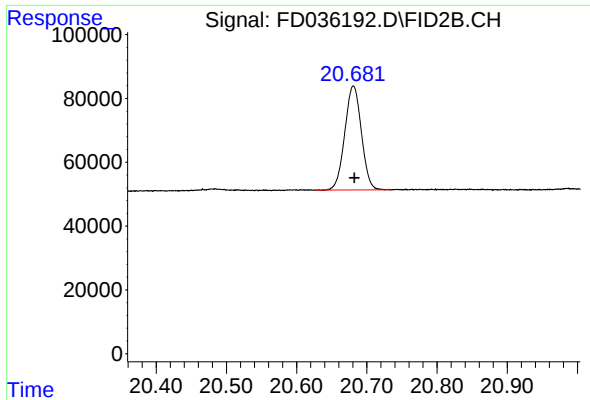
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.001 min
Response: 600100
Conc: 4.65 ug/ml



#20 n-Hexatriacontane (C36)

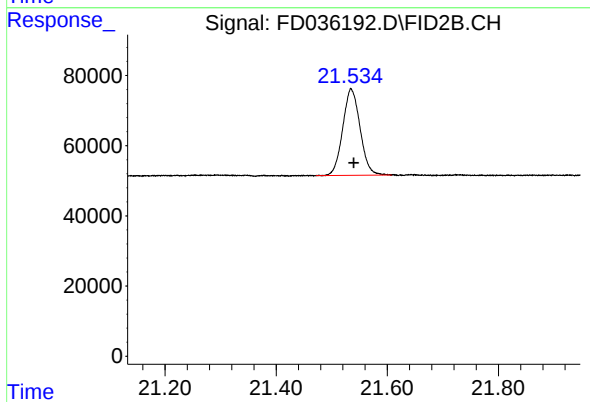
R.T.: 19.969 min
Delta R.T.: -0.001 min
Response: 565233
Conc: 4.57 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.002 min
Response: 535517
Conc: 4.61 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.535 min
Delta R.T.: -0.005 min
Response: 533304
Conc: 4.57 ug/ml