

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD030121AL\
 Data File : FD036261.D
 Signal(s) : FID2B.CH
 Acq On : 01 Mar 2021 14:40
 Operator : DD/AJ
 Sample : 5 PPM ALIPHATIC HC STD5
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 5 PPM ALIPHATIC HC STD5

Integration File: autoint1.e
 Quant Time: Mar 01 15:18:22 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Alaphatic EPH 030121.M
 Quant Title : GC Extractables
 QLast Update : Mon Mar 01 14:28:20 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)	11.507	638591	4.601 ug/ml
Spiked Amount 50.000		Recovery =	9.20%
12) S 1-chlorooctadecane (S...	12.939	483847	4.537 ug/ml
Spiked Amount 50.000		Recovery =	9.07%
Target Compounds			
1) T n-Nonane (C9)	3.306	560816	4.611 ug/ml
2) T n-Decane (C10)	4.367	566731	4.610 ug/ml
3) T A~Naphthalene (C11.7)	5.942	641929	4.597 ug/ml
4) T n-Dodecane (C12)	6.376	577600	4.613 ug/ml
5) T A~2-methylnaphthalene...	6.993	650183	4.557 ug/ml
6) T n-Tetradecane (C14)	8.165	574571	4.587 ug/ml
7) T n-Hexadecane (C16)	9.759	559212	4.558 ug/ml
8) T n-Octadecane (C18)	11.194	580017	4.576 ug/ml
10) T n-Eicosane (C20)	12.498	581602	4.599 ug/ml
11) T n-Heneicosane (C21)	13.108	578879	4.606 ug/ml
13) T n-Docosane (C22)	13.691	575585	4.603 ug/ml
14) T n-Tetracosane (C24)	14.787	566560	4.597 ug/ml
15) T n-Hexacosane (C26)	15.803	552851	4.601 ug/ml
16) T n-Octacosane (C28)	16.747	540756	4.602 ug/ml
17) T n-Tricontane (C30)	17.630	535782	4.685 ug/ml
18) T n-Dotriacontane (C32)	18.456	518587	4.745 ug/ml
19) T n-Tetratriacontane (C34)	19.235	494903	4.683 ug/ml
20) T n-Hexatriacontane (C36)	19.970	464518	4.634 ug/ml
21) T n-Octatriacontane (C38)	20.681	439501	4.655 ug/ml
22) T n-Tetracontane (C40)	21.538	436510	4.564 ug/ml

(f)=RT Delta > 1/2 Window

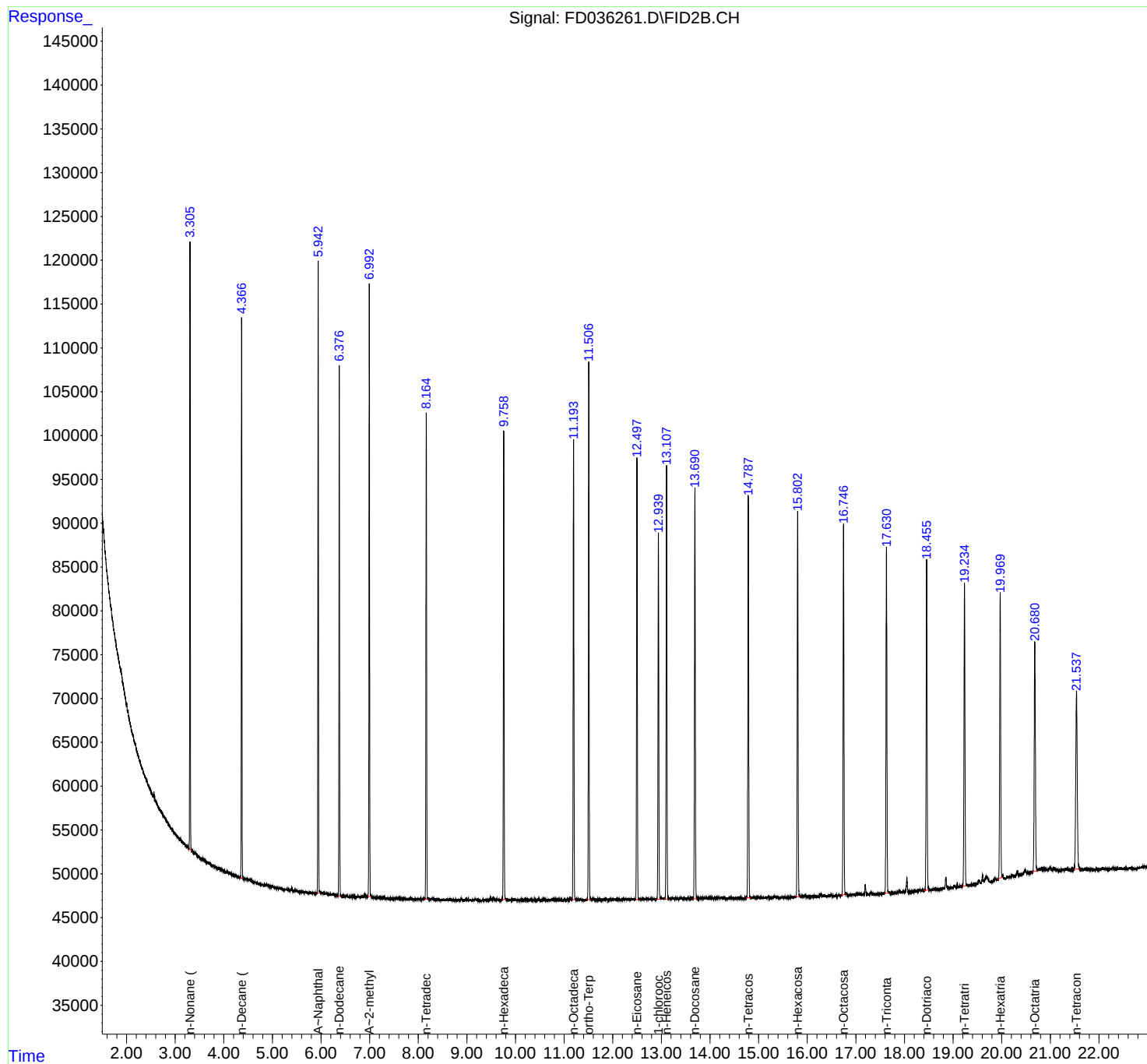
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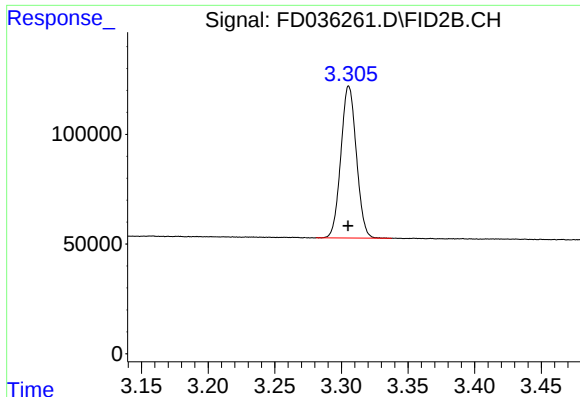
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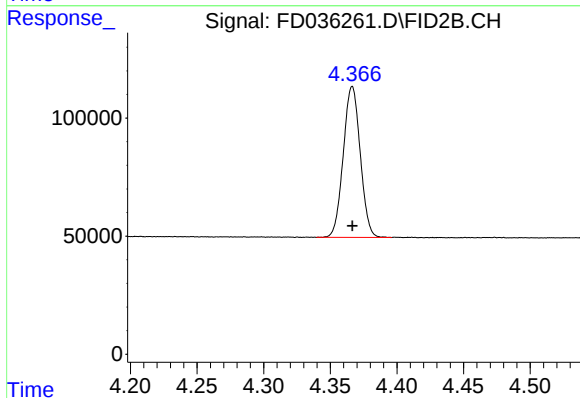




#1 n-Nonane (C9)

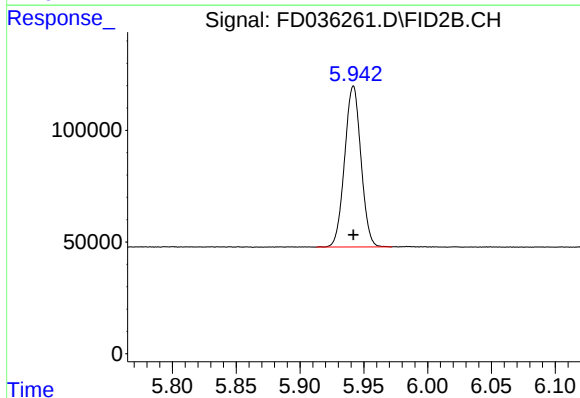
R.T.: 3.306 min
Delta R.T.: 0.000 min
Response: 560816
Conc: 4.61 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



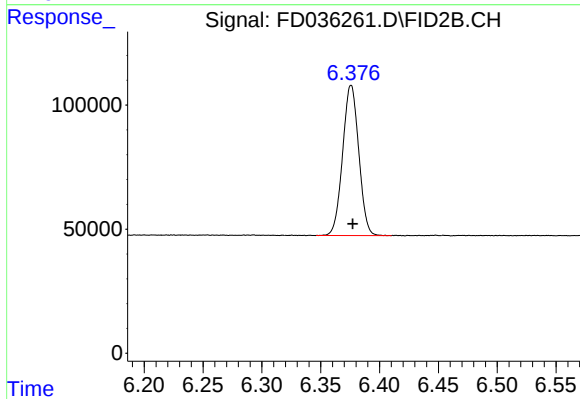
#2 n-Decane (C10)

R.T.: 4.367 min
Delta R.T.: 0.000 min
Response: 566731
Conc: 4.61 ug/ml



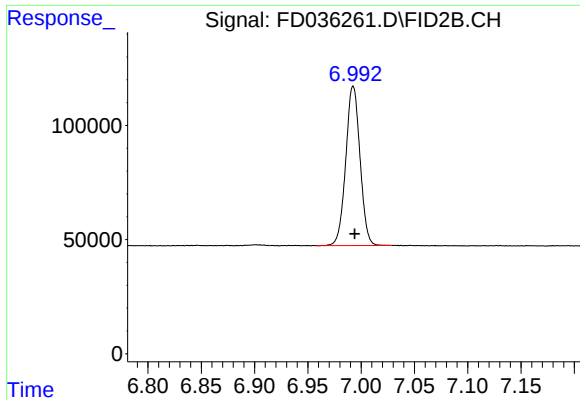
#3 A~Naphthalene (C11.7)

R.T.: 5.942 min
Delta R.T.: 0.000 min
Response: 641929
Conc: 4.60 ug/ml



#4 n-Dodecane (C12)

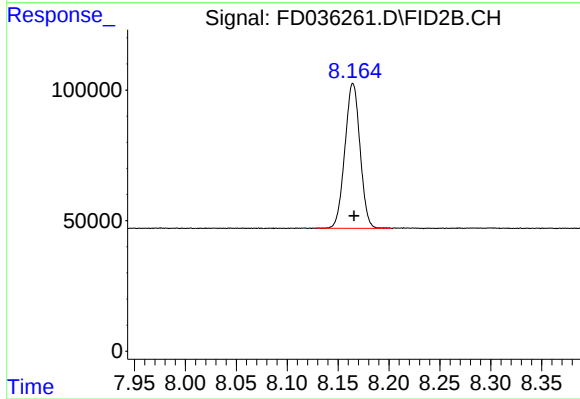
R.T.: 6.376 min
Delta R.T.: -0.001 min
Response: 577600
Conc: 4.61 ug/ml



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

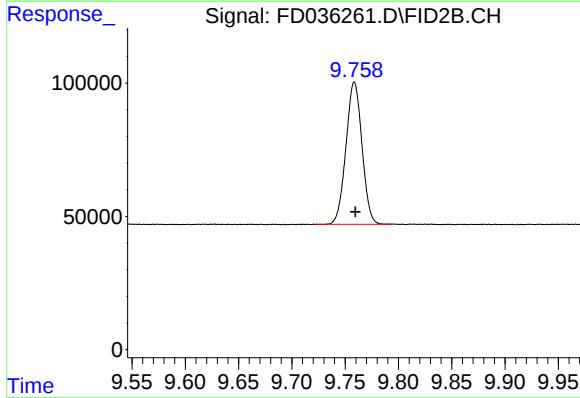
R.T.: 6.993 min
Delta R.T.: -0.001 min
Response: 650183
Conc: 4.56 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



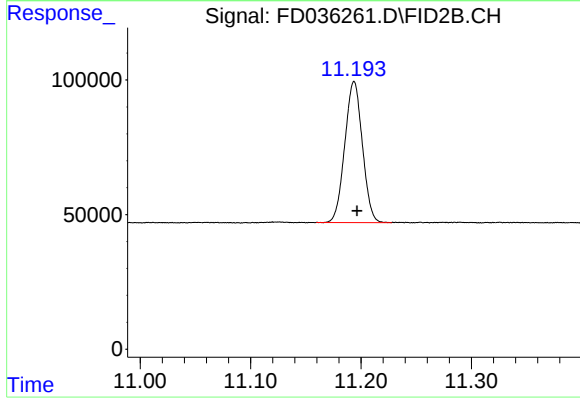
#6 n-Tetradecane (C14)

R.T.: 8.165 min
Delta R.T.: -0.001 min
Response: 574571
Conc: 4.59 ug/ml



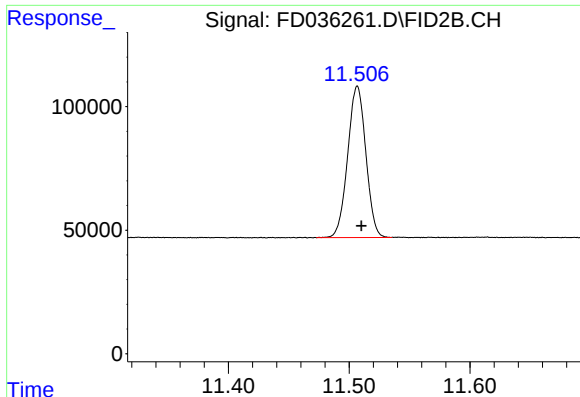
#7 n-Hexadecane (C16)

R.T.: 9.759 min
Delta R.T.: -0.001 min
Response: 559212
Conc: 4.56 ug/ml



#8 n-Octadecane (C18)

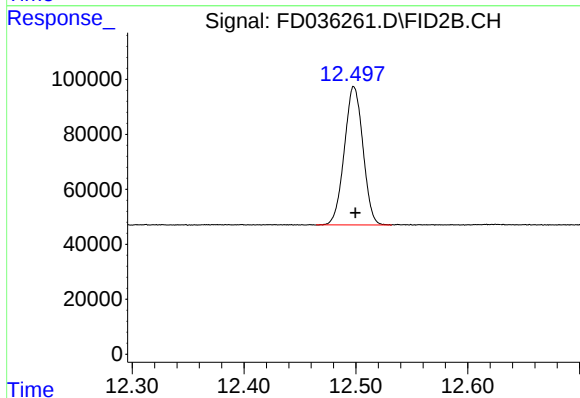
R.T.: 11.194 min
Delta R.T.: -0.002 min
Response: 580017
Conc: 4.58 ug/ml



#9 ortho-Terphenyl (SURR)

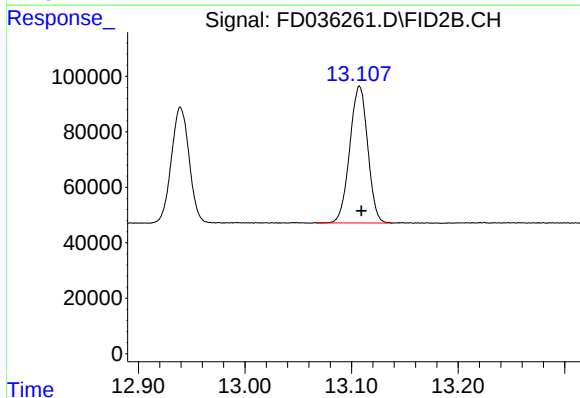
R.T.: 11.507 min
Delta R.T.: -0.003 min
Response: 638591
Conc: 4.60 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



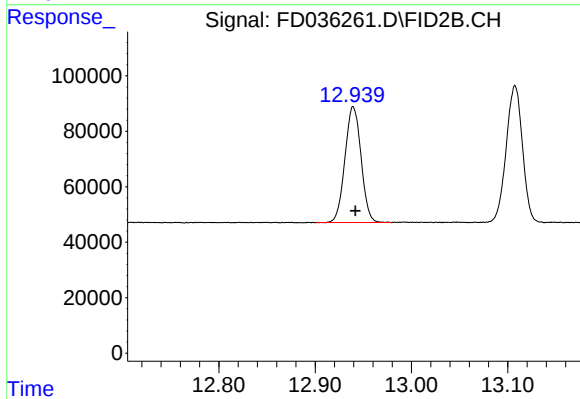
#10 n-Eicosane (C20)

R.T.: 12.498 min
Delta R.T.: -0.001 min
Response: 581602
Conc: 4.60 ug/ml



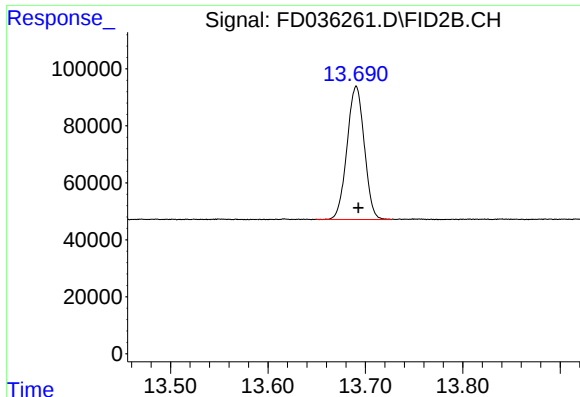
#11 n-Heneicosane (C21)

R.T.: 13.108 min
Delta R.T.: -0.002 min
Response: 578879
Conc: 4.61 ug/ml



#12 1-chlorooctadecane (SURR)

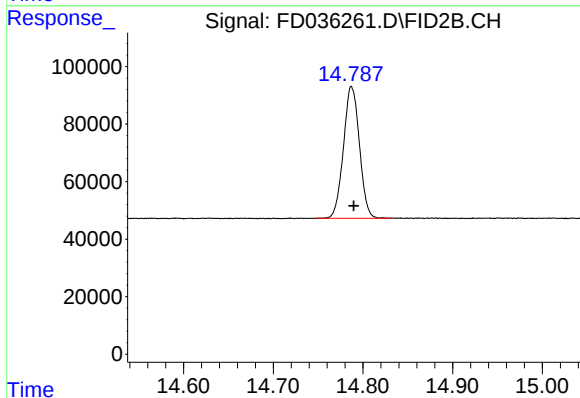
R.T.: 12.939 min
Delta R.T.: -0.002 min
Response: 483847
Conc: 4.54 ug/ml



#13 n-Docosane (C22)

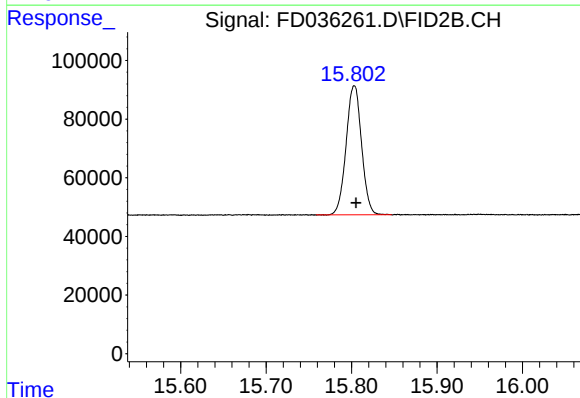
R.T.: 13.691 min
Delta R.T.: -0.002 min
Response: 575585
Conc: 4.60 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



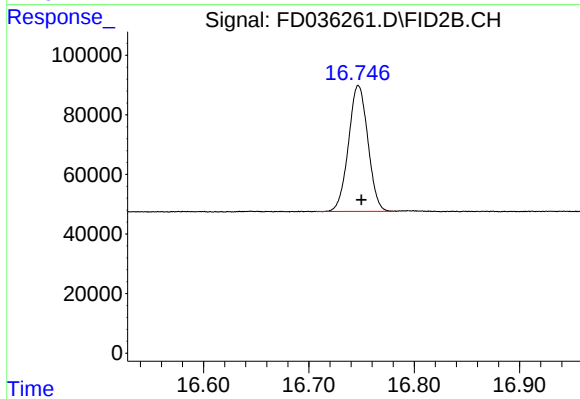
#14 n-Tetracosane (C24)

R.T.: 14.787 min
Delta R.T.: -0.002 min
Response: 566560
Conc: 4.60 ug/ml



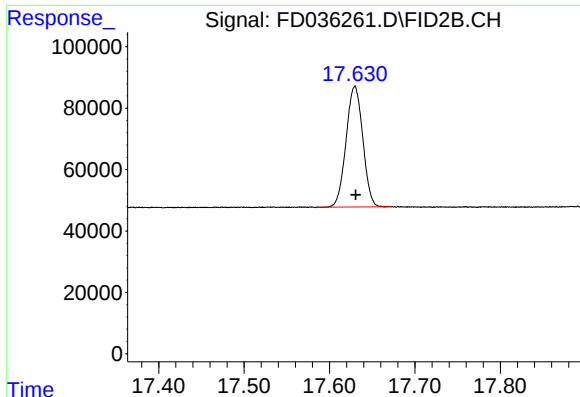
#15 n-Hexacosane (C26)

R.T.: 15.803 min
Delta R.T.: -0.002 min
Response: 552851
Conc: 4.60 ug/ml



#16 n-Octacosane (C28)

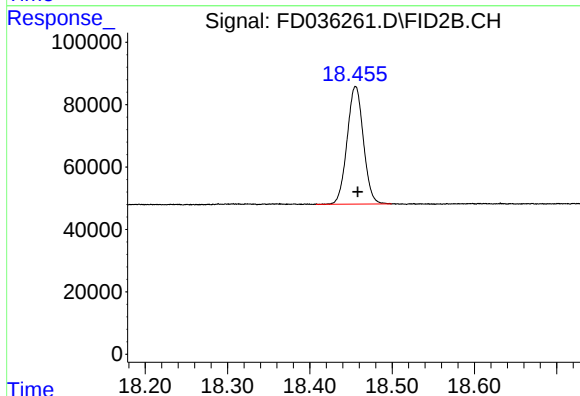
R.T.: 16.747 min
Delta R.T.: -0.003 min
Response: 540756
Conc: 4.60 ug/ml



#17 n-Tricontane (C30)

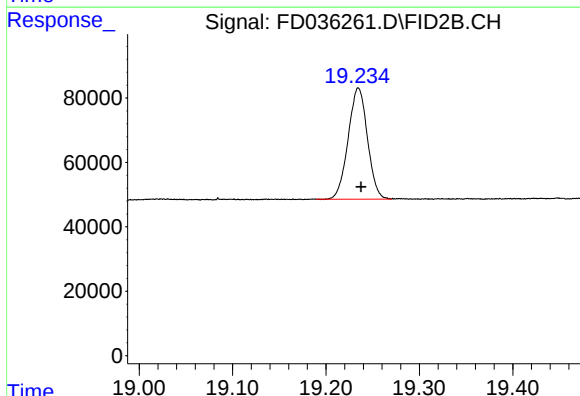
R.T.: 17.630 min
Delta R.T.: -0.001 min
Response: 535782
Conc: 4.69 ug/ml

Instrument :
FID_D
ClientSampleId :
5 PPM ALIPHATIC HC STD5



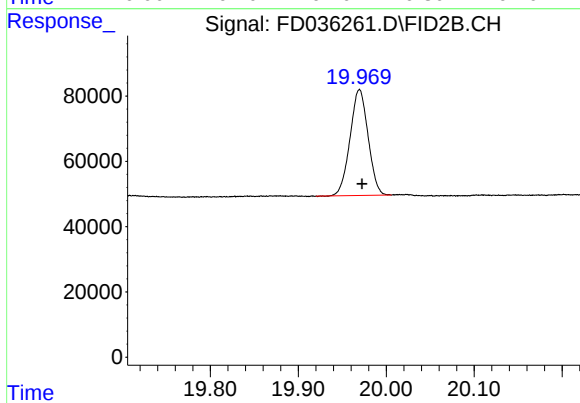
#18 n-Dotriacontane (C32)

R.T.: 18.456 min
Delta R.T.: -0.003 min
Response: 518587
Conc: 4.74 ug/ml



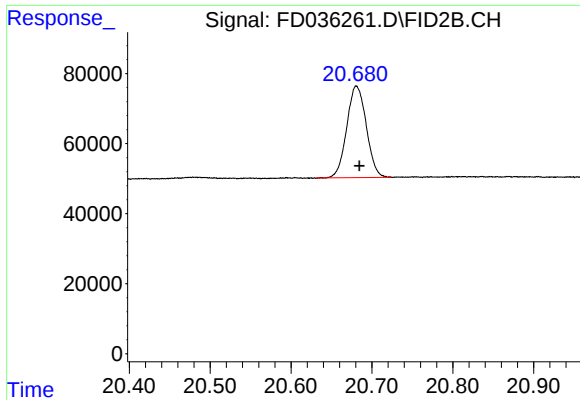
#19 n-Tetratriacontane (C34)

R.T.: 19.235 min
Delta R.T.: -0.003 min
Response: 494903
Conc: 4.68 ug/ml



#20 n-Hexatriacontane (C36)

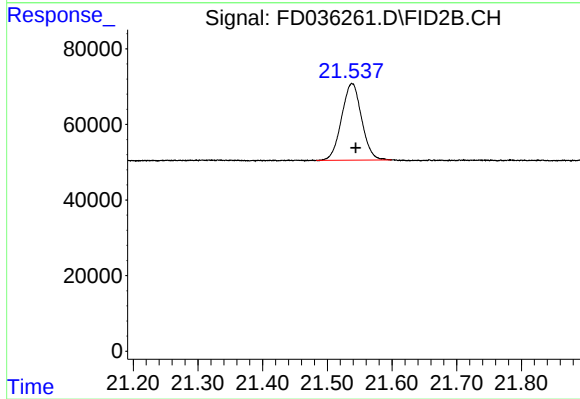
R.T.: 19.970 min
Delta R.T.: -0.003 min
Response: 464518
Conc: 4.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.681 min
Delta R.T.: -0.004 min
Response: 439501
Conc: 4.65 ug/ml

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FID_D
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#22 n-Tetracontane (C40)

R.T.: 21.538 min
Delta R.T.: -0.005 min
Response: 436510
Conc: 4.56 ug/ml