

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD020824AL\
 Data File : FD047202.D
 Signal(s) : FID2B.ch
 Acq On : 08 Feb 2024 18:52
 Operator : YP/AJ
 Sample : 10 PPM ALIPHATIC HC STD4
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Feb 09 05:32:07 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 020824.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 09 05:30:56 2024
 Response via : Initial Calibration
 Integrator: ChemStation

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)	11.354	1792169	9.928 ug/ml
Spiked Amount 50.000		Recovery =	19.86%
12) S 1-chlorooctadecane (S...	12.791	1370625	9.869 ug/ml
Spiked Amount 50.000		Recovery =	19.74%
Target Compounds			
1) T n-Nonane (C9)	3.198	1560822	10.095 ug/ml
2) T n-Decane (C10)	4.249	1598924	10.134 ug/ml
3) T A~Naphthalene (C11.7)	5.806	1735541	10.016 ug/ml
4) T n-Dodecane (C12)	6.249	1620042	10.095 ug/ml
5) T A~2-methylnaphthalene...	6.854	1687040	10.016 ug/ml
6) T n-Tetradecane (C14)	8.031	1613231	10.041 ug/ml
7) T n-Hexadecane (C16)	9.622	1670489	9.973 ug/ml
8) T n-Octadecane (C18)	11.053	1691032	9.893 ug/ml
10) T n-Eicosane (C20)	12.353	1638621	9.932 ug/ml
11) T n-Heneicosane (C21)	12.961	1612212	9.913 ug/ml
13) T n-Docosane (C22)	13.543	1601623	9.907 ug/ml
14) T n-Tetracosane (C24)	14.637	1581313	9.891 ug/ml
15) T n-Hexacosane (C26)	15.649	1537636	9.864 ug/ml
16) T n-Octacosane (C28)	16.592	1483327	9.861 ug/ml
17) T n-Tricontane (C30)	17.472	1471597	9.918 ug/ml
18) T n-Dotriacontane (C32)	18.297	1399349	9.944 ug/ml
19) T n-Tetratriacontane (C34)	19.075	1310716	9.939 ug/ml
20) T n-Hexatriacontane (C36)	19.807	1242354	10.134 ug/ml
21) T n-Octatriacontane (C38)	20.505	1175054	9.980 ug/ml
22) T n-Tetracontane (C40)	21.309	1126283	9.918 ug/ml

(f)=RT Delta > 1/2 Window

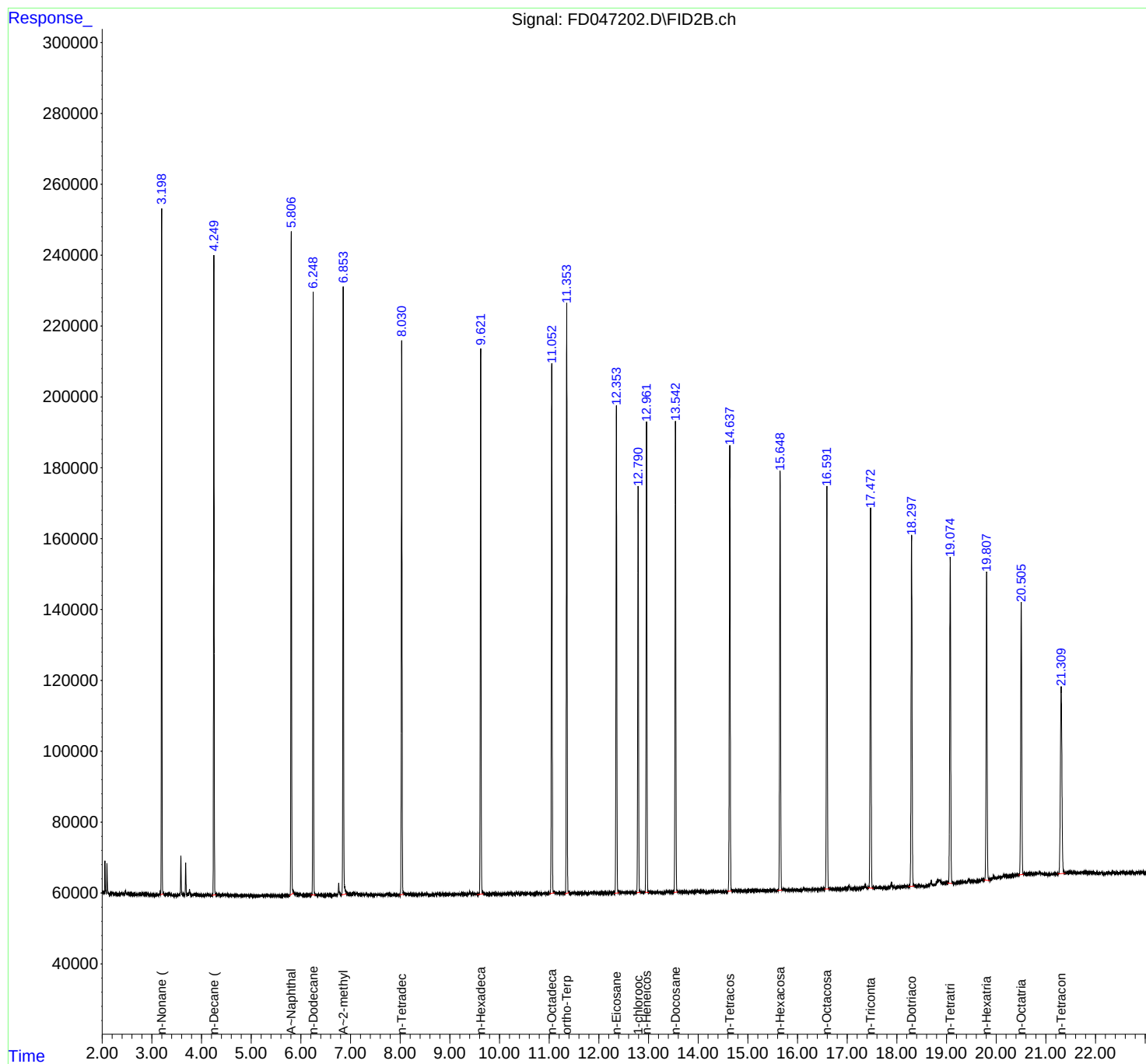
(m)=manual int.

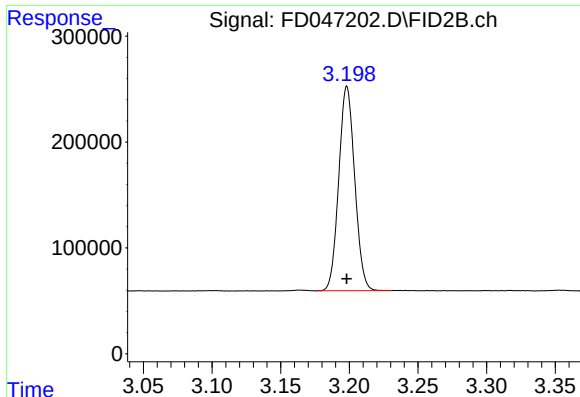
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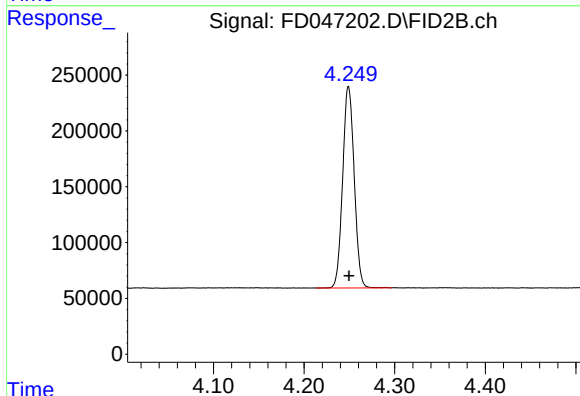




#1 n-Nonane (C9)

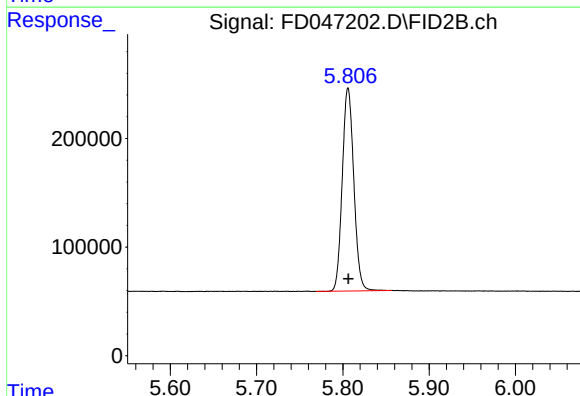
R.T.: 3.198 min
Delta R.T.: 0.000 min
Response: 1560822
Conc: 10.09 ug/ml

Instrument :
FID_D
ClientSampleId :



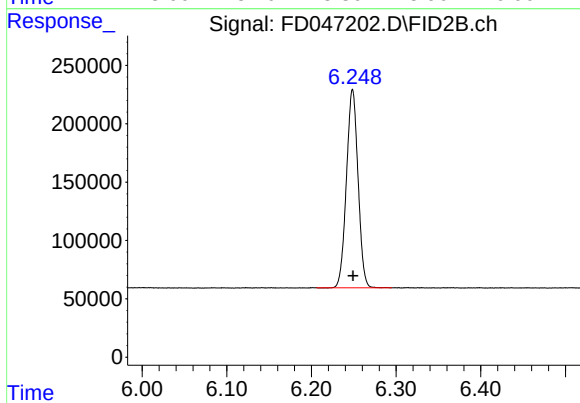
#2 n-Decane (C10)

R.T.: 4.249 min
Delta R.T.: 0.000 min
Response: 1598924
Conc: 10.13 ug/ml



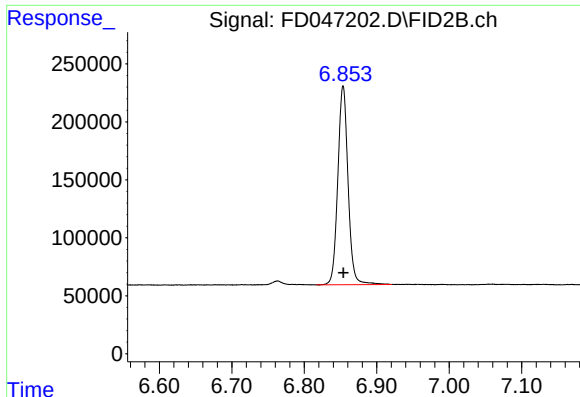
#3 A~Naphthalene (C11.7)

R.T.: 5.806 min
Delta R.T.: 0.000 min
Response: 1735541
Conc: 10.02 ug/ml



#4 n-Dodecane (C12)

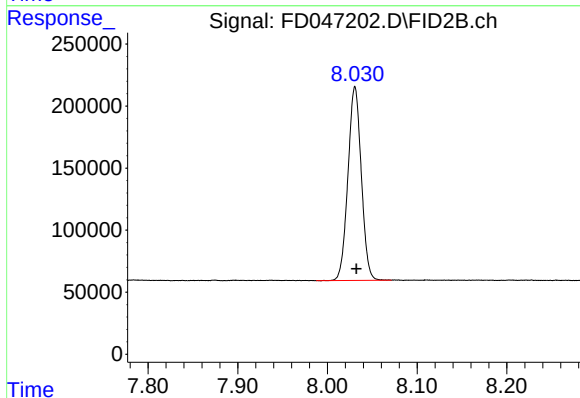
R.T.: 6.249 min
Delta R.T.: 0.000 min
Response: 1620042
Conc: 10.10 ug/ml



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

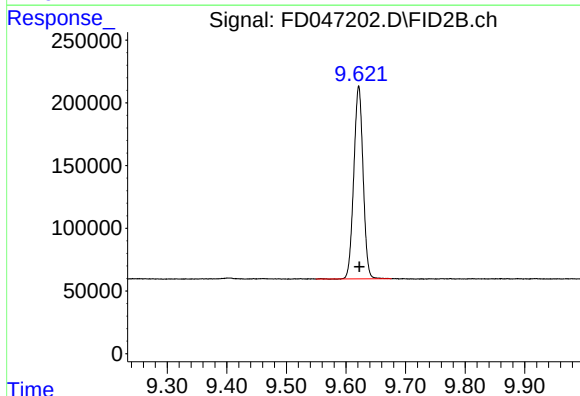
R.T.: 6.854 min
Delta R.T.: 0.000 min
Response: 1687040
Conc: 10.02 ug/ml

Instrument :
FID_D
ClientSampleId :



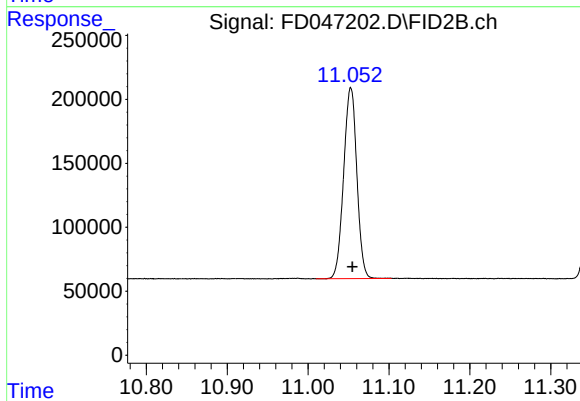
#6 n-Tetradecane (C14)

R.T.: 8.031 min
Delta R.T.: -0.001 min
Response: 1613231
Conc: 10.04 ug/ml



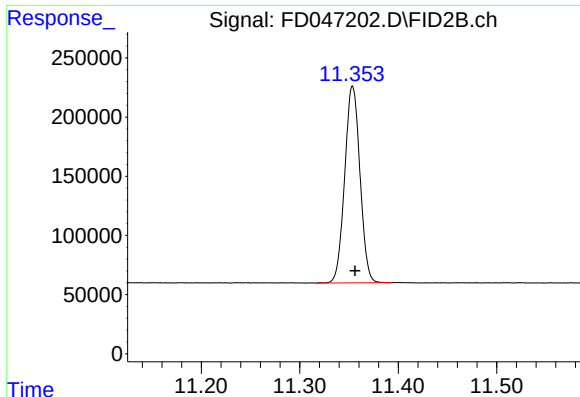
#7 n-Hexadecane (C16)

R.T.: 9.622 min
Delta R.T.: 0.000 min
Response: 1670489
Conc: 9.97 ug/ml



#8 n-Octadecane (C18)

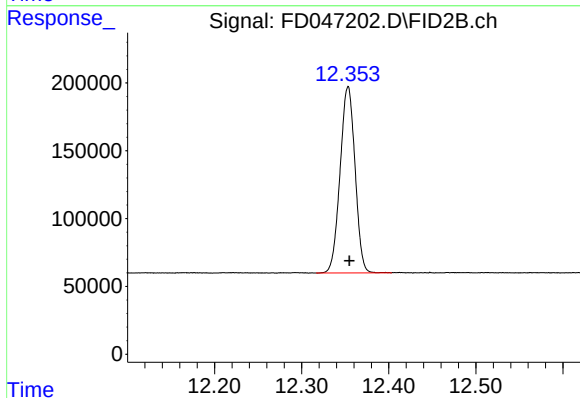
R.T.: 11.053 min
Delta R.T.: -0.002 min
Response: 1691032
Conc: 9.89 ug/ml



#9 ortho-Terphenyl (SURR)

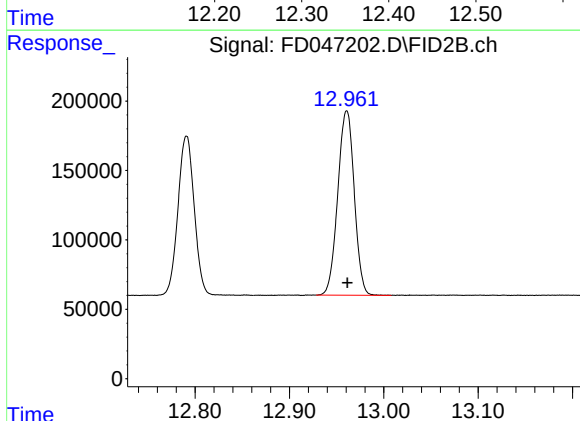
R.T.: 11.354 min
Delta R.T.: -0.003 min
Response: 1792169
Conc: 9.93 ug/ml

Instrument :
FID_D
ClientSampleId :



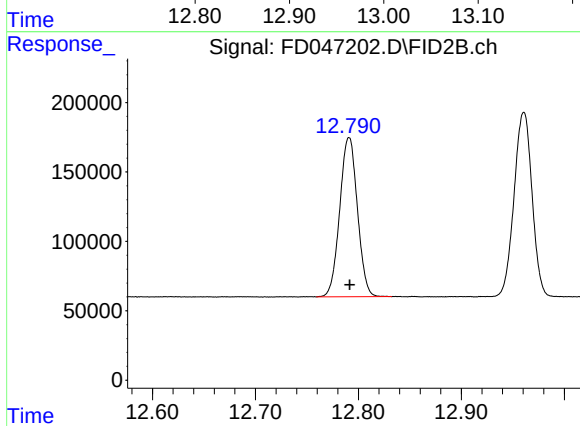
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: -0.001 min
Response: 1638621
Conc: 9.93 ug/ml



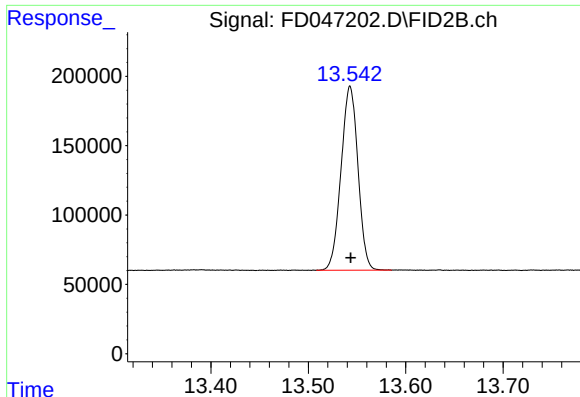
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 1612212
Conc: 9.91 ug/ml



#12 1-chlorooctadecane (SURR)

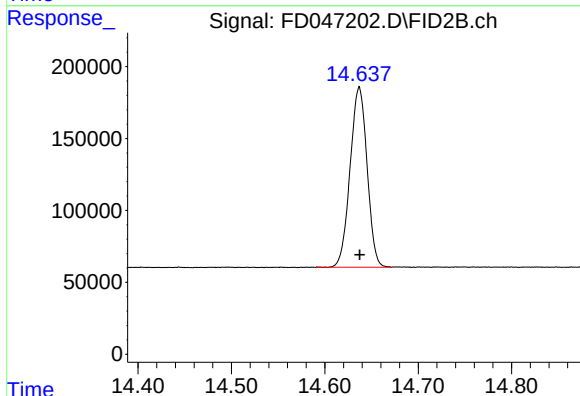
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 1370625
Conc: 9.87 ug/ml



#13 n-Docosane (C22)

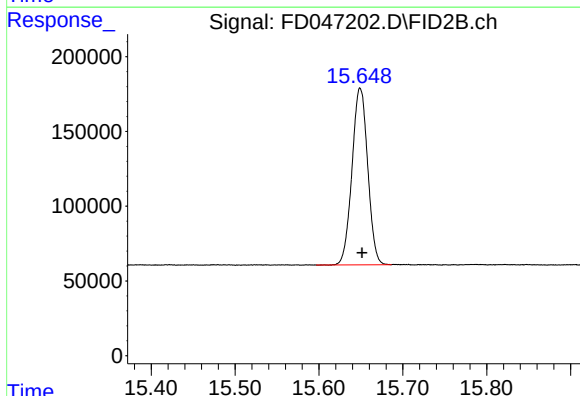
R.T.: 13.543 min
Delta R.T.: 0.000 min
Response: 1601623
Conc: 9.91 ug/ml

Instrument :
FID_D
ClientSampleId :



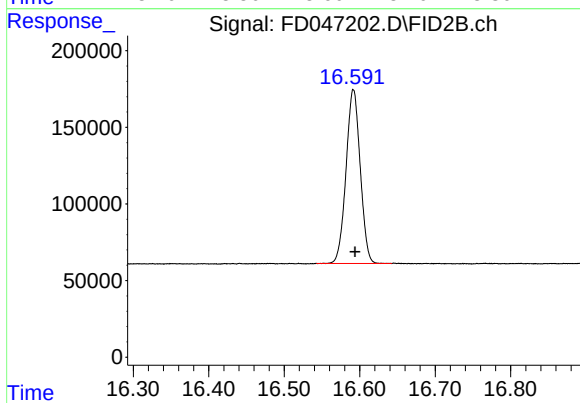
#14 n-Tetracosane (C24)

R.T.: 14.637 min
Delta R.T.: 0.000 min
Response: 1581313
Conc: 9.89 ug/ml



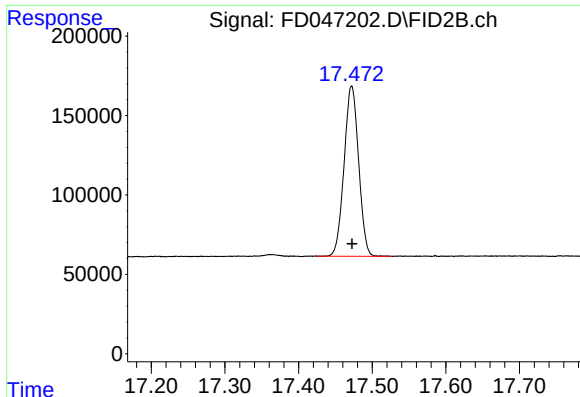
#15 n-Hexacosane (C26)

R.T.: 15.649 min
Delta R.T.: -0.002 min
Response: 1537636
Conc: 9.86 ug/ml



#16 n-Octacosane (C28)

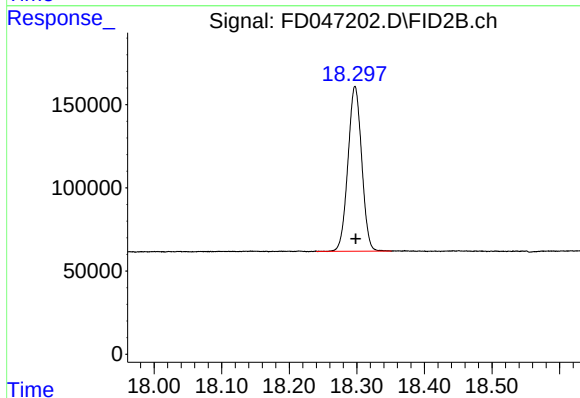
R.T.: 16.592 min
Delta R.T.: -0.002 min
Response: 1483327
Conc: 9.86 ug/ml



#17 n-Tricontane (C30)

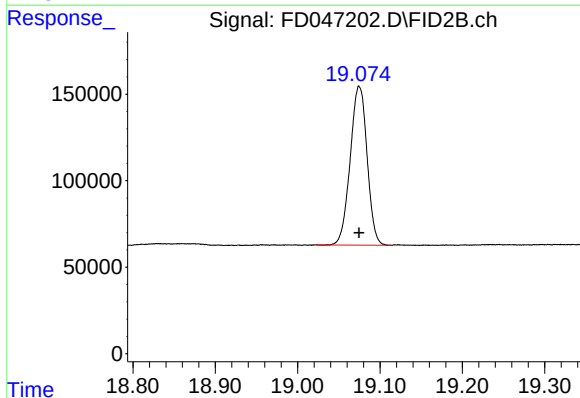
R.T.: 17.472 min
Delta R.T.: 0.000 min
Response: 1471597
Conc: 9.92 ug/ml

Instrument :
FID_D
ClientSampleId :



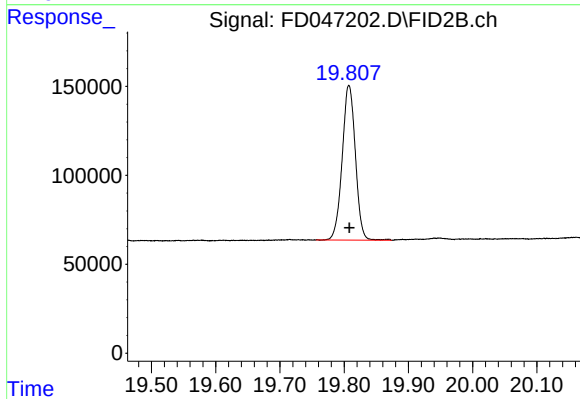
#18 n-Dotriacontane (C32)

R.T.: 18.297 min
Delta R.T.: 0.000 min
Response: 1399349
Conc: 9.94 ug/ml



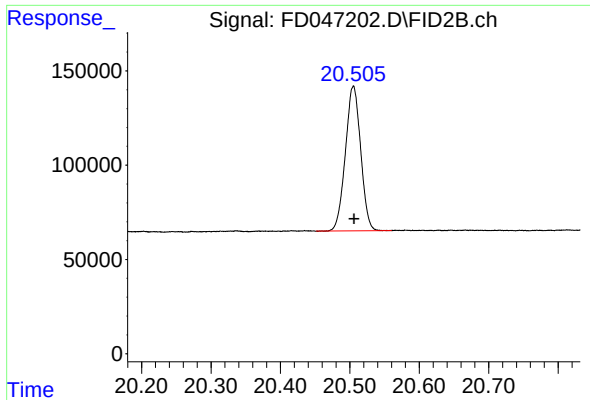
#19 n-Tetratriacontane (C34)

R.T.: 19.075 min
Delta R.T.: 0.000 min
Response: 1310716
Conc: 9.94 ug/ml



#20 n-Hexatriacontane (C36)

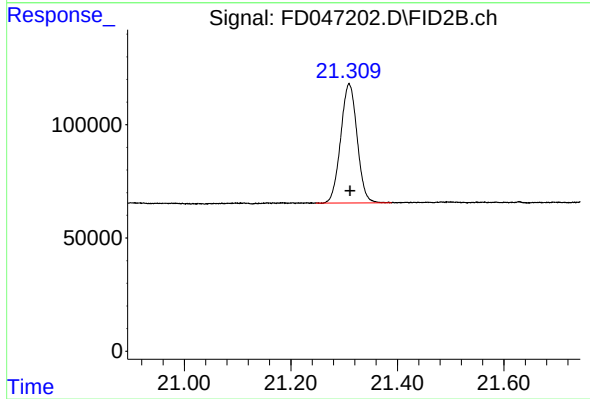
R.T.: 19.807 min
Delta R.T.: 0.000 min
Response: 1242354
Conc: 10.13 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.505 min
Delta R.T.: -0.001 min
Response: 1175054
Conc: 9.98 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.309 min
Delta R.T.: -0.002 min
Response: 1126283
Conc: 9.92 ug/ml