

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090722AL\
 Data File : FD043809.D
 Signal(s) : FID2B.ch
 Acq On : 07 Sep 2022 14:04
 Operator : YP/AJ
 Sample : 50 PPM ALIPHATIC HC STD2
 Misc :
 ALS Vial : 56 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Sep 07 15:52:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 15:47:24 2022
 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)	11.325	8430759	48.664 ug/ml
Spiked Amount 50.000		Recovery =	97.33%
12) S 1-chlorooctadecane (S...	12.741	6504583	47.725 ug/ml
Spiked Amount 50.000		Recovery =	95.45%
Target Compounds			
1) T n-Nonane (C9)	3.155	7122601	48.030 ug/ml
2) T n-Decane (C10)	4.205	7233290	48.286 ug/ml
3) T A~Naphthalene (C11.7)	5.776	7576145	49.484 ug/ml
4) T n-Dodecane (C12)	6.202	7442009	48.710 ug/ml
5) T A~2-methylnaphthalene...	6.823	7496279	50.137 ug/ml
6) T n-Tetradecane (C14)	7.983	7506621	48.971 ug/ml
7) T n-Hexadecane (C16)	9.571	7630456	48.915 ug/ml
8) T n-Octadecane (C18)	11.001	7783607	48.846 ug/ml
10) T n-Eicosane (C20)	12.301	7743982	48.046 ug/ml
11) T n-Heneicosane (C21)	12.907	7712891	47.443 ug/ml
13) T n-Docosane (C22)	13.487	7648432	47.018 ug/ml
14) T n-Tetracosane (C24)	14.580	7330056	45.421 ug/ml
15) T n-Hexacosane (C26)	15.590	7053166	44.169 ug/ml
16) T n-Octacosane (C28)	16.531	6807972	43.827 ug/ml
17) T n-Tricontane (C30)	17.409	6727635	44.123 ug/ml
18) T n-Dotriacontane (C32)	18.231	6411347	43.744 ug/ml
19) T n-Tetratriacontane (C34)	19.006	5920636	44.257 ug/ml
20) T n-Hexatriacontane (C36)	19.736	5680852	44.770 ug/ml
21) T n-Octatriacontane (C38)	20.428	5432021	45.389 ug/ml
22) T n-Tetracontane (C40)	21.194	5245045	46.006 ug/ml

(f)=RT Delta > 1/2 Window

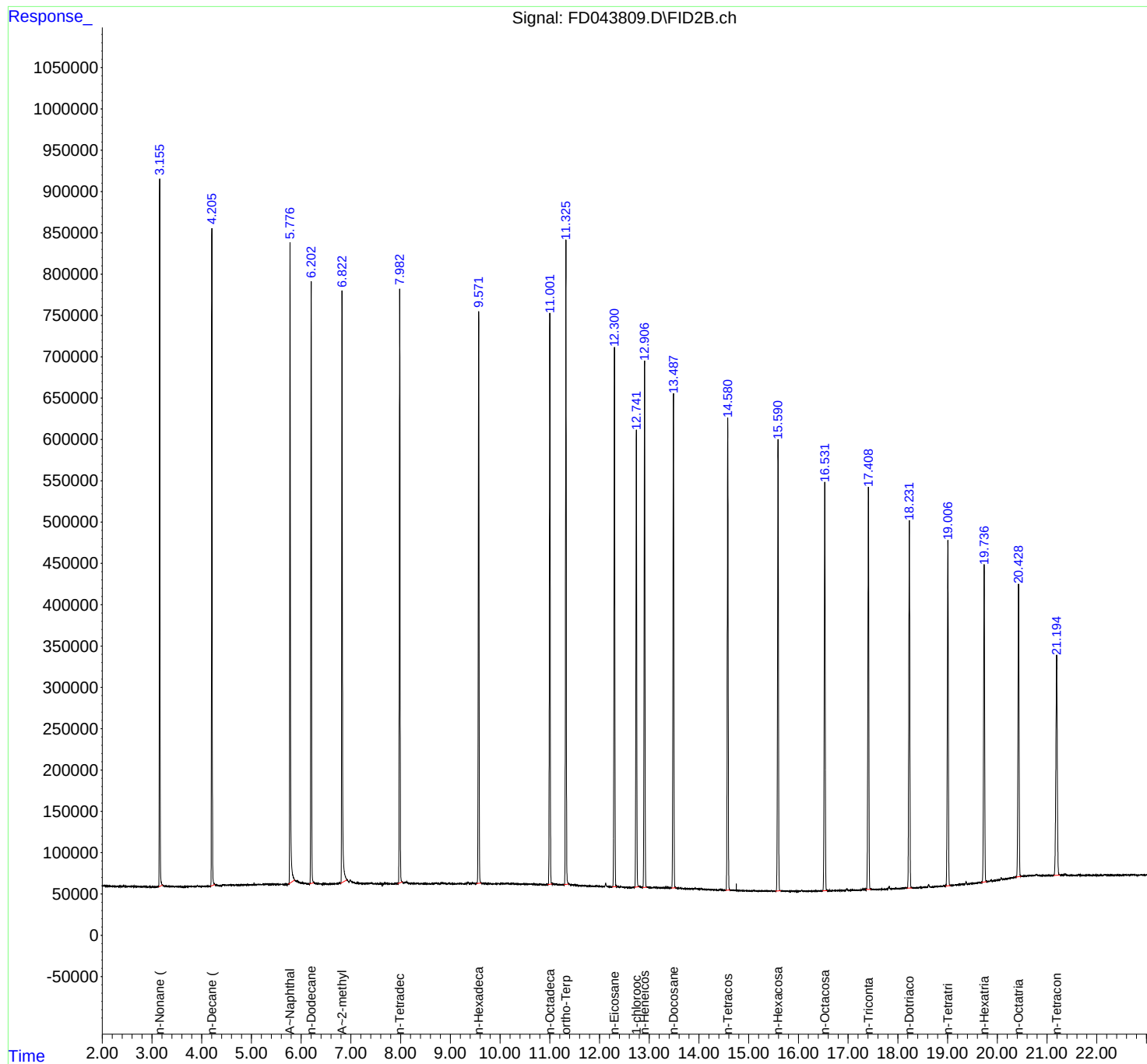
(m)=manual int.

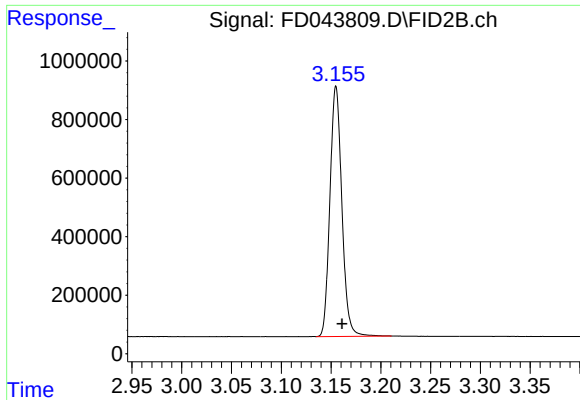
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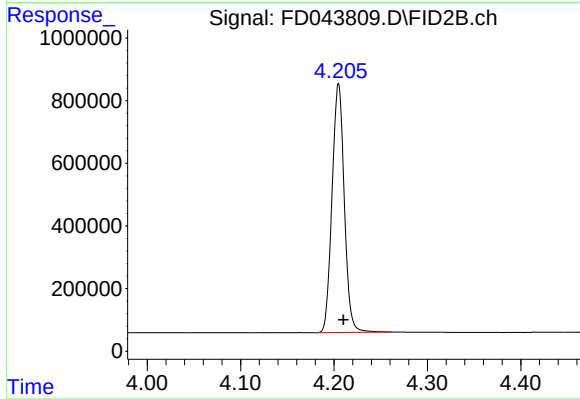




#1 n-Nonane (C9)

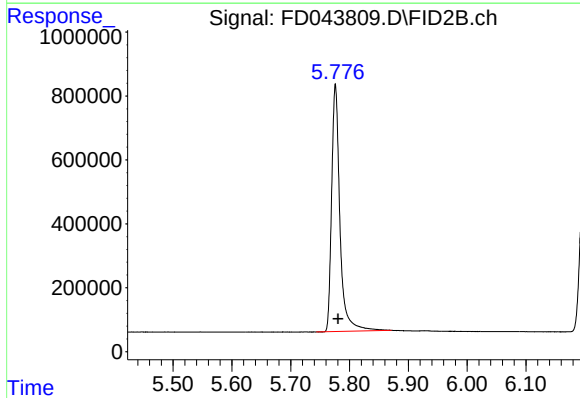
R.T.: 3.155 min
Delta R.T.: -0.006 min
Response: 7122601
Conc: 48.03 ug/ml

Instrument :
FID_D
ClientSampleId :



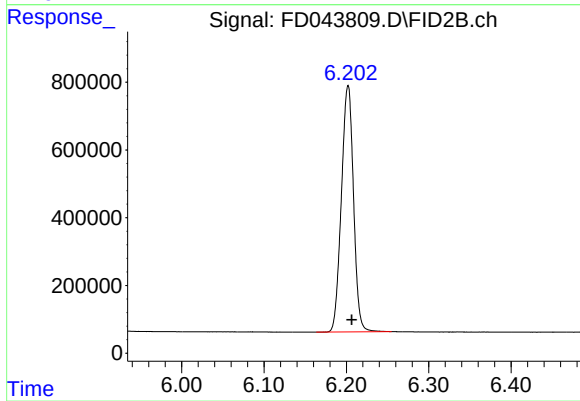
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: -0.005 min
Response: 7233290
Conc: 48.29 ug/ml



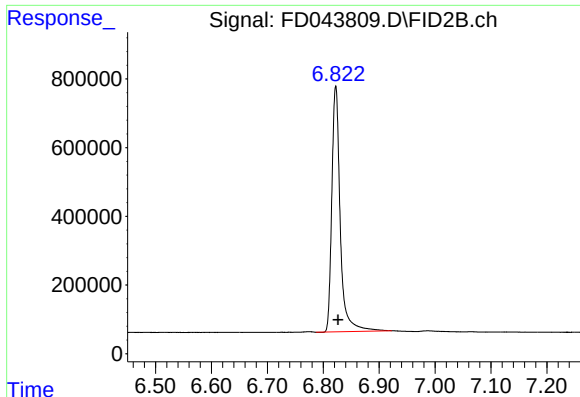
#3 A~Naphthalene (C11.7)

R.T.: 5.776 min
Delta R.T.: -0.004 min
Response: 7576145
Conc: 49.48 ug/ml



#4 n-Dodecane (C12)

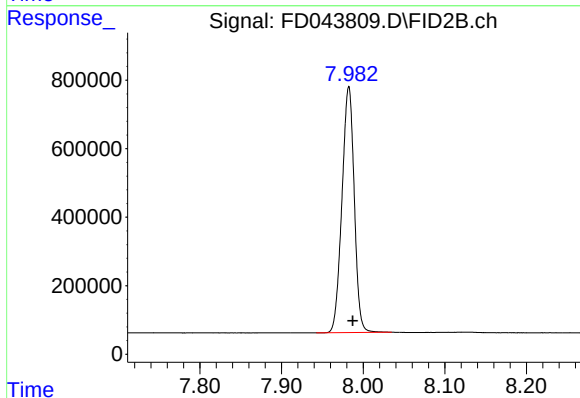
R.T.: 6.202 min
Delta R.T.: -0.004 min
Response: 7442009
Conc: 48.71 ug/ml



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

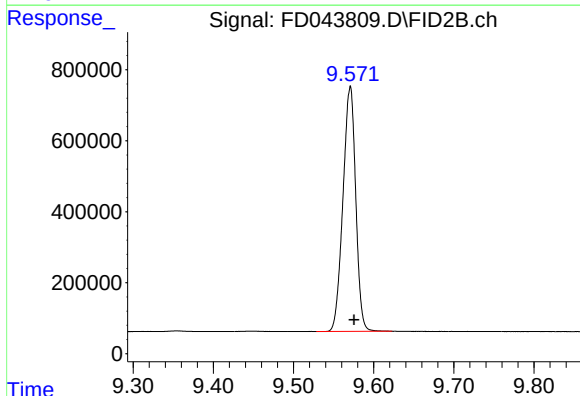
R.T.: 6.823 min
Delta R.T.: -0.004 min
Response: 7496279
Conc: 50.14 ug/ml

Instrument :
FID_D
ClientSampleId :



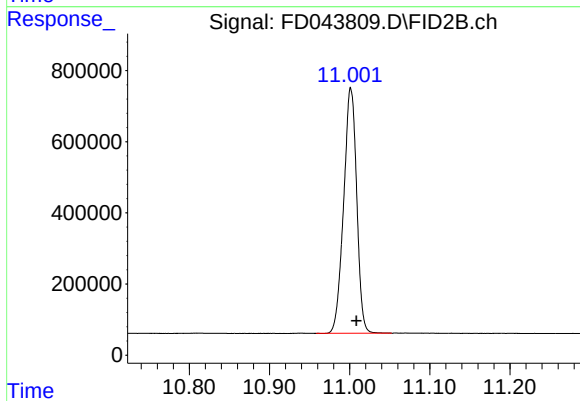
#6 n-Tetradecane (C14)

R.T.: 7.983 min
Delta R.T.: -0.005 min
Response: 7506621
Conc: 48.97 ug/ml



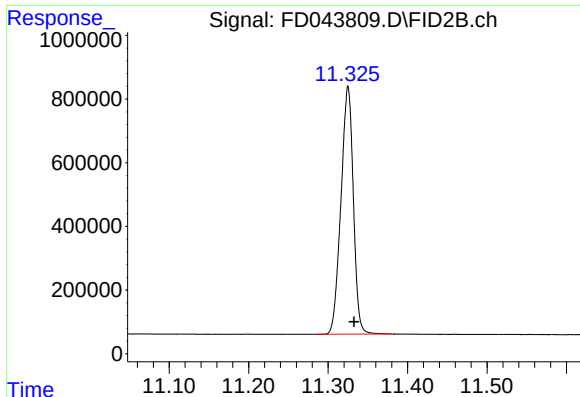
#7 n-Hexadecane (C16)

R.T.: 9.571 min
Delta R.T.: -0.005 min
Response: 7630456
Conc: 48.92 ug/ml



#8 n-Octadecane (C18)

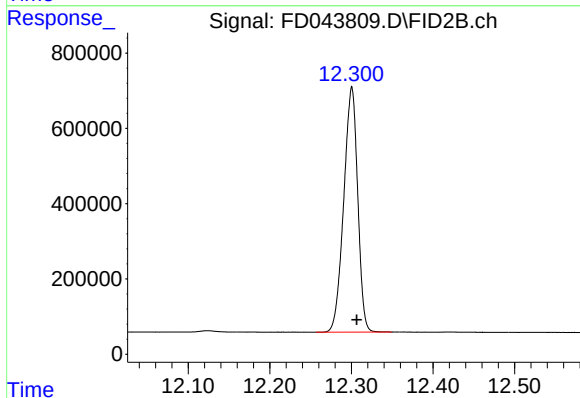
R.T.: 11.001 min
Delta R.T.: -0.007 min
Response: 7783607
Conc: 48.85 ug/ml



#9 ortho-Terphenyl (SURR)

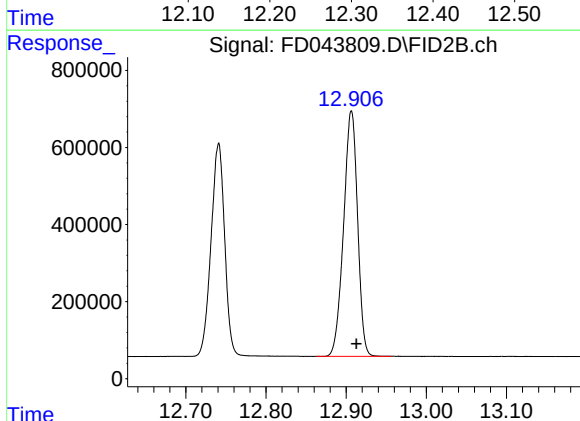
R.T.: 11.325 min
Delta R.T.: -0.007 min
Response: 8430759
Conc: 48.66 ug/ml

Instrument :
FID_D
ClientSampleId :



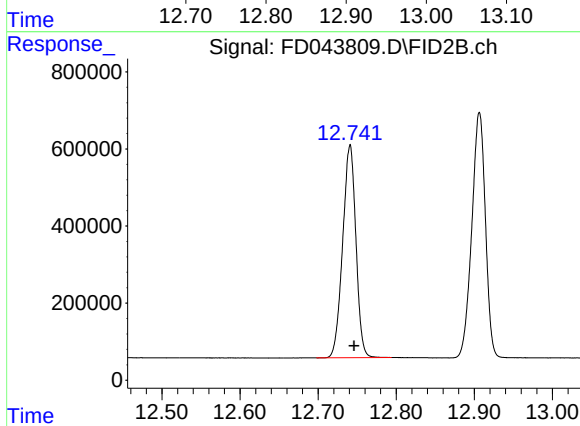
#10 n-Eicosane (C20)

R.T.: 12.301 min
Delta R.T.: -0.006 min
Response: 7743982
Conc: 48.05 ug/ml



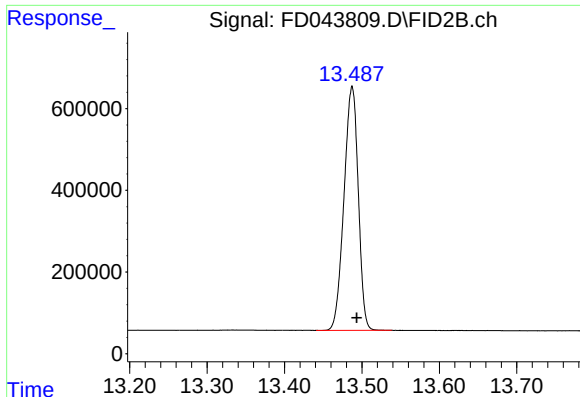
#11 n-Heneicosane (C21)

R.T.: 12.907 min
Delta R.T.: -0.006 min
Response: 7712891
Conc: 47.44 ug/ml



#12 1-chlorooctadecane (SURR)

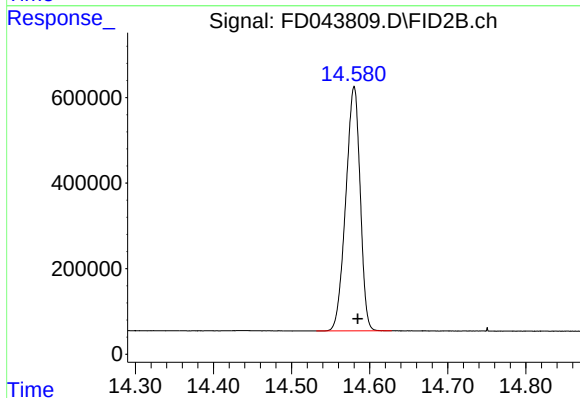
R.T.: 12.741 min
Delta R.T.: -0.005 min
Response: 6504583
Conc: 47.72 ug/ml



#13 n-Docosane (C22)

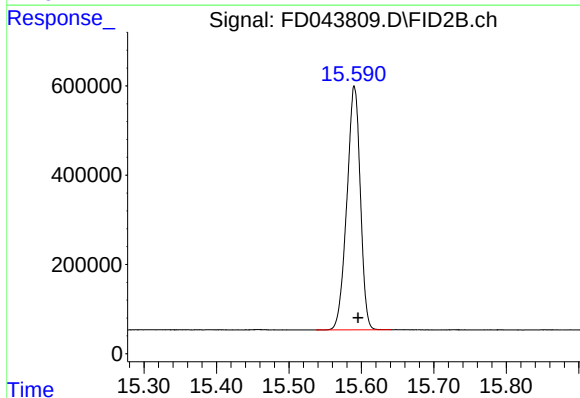
R.T.: 13.487 min
Delta R.T.: -0.006 min
Response: 7648432
Conc: 47.02 ug/ml

Instrument :
FID_D
ClientSampleId :



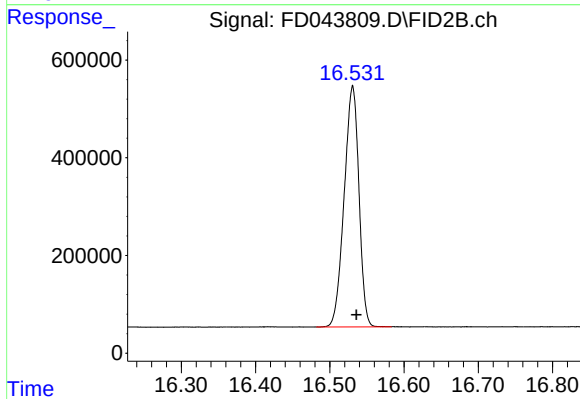
#14 n-Tetracosane (C24)

R.T.: 14.580 min
Delta R.T.: -0.004 min
Response: 7330056
Conc: 45.42 ug/ml



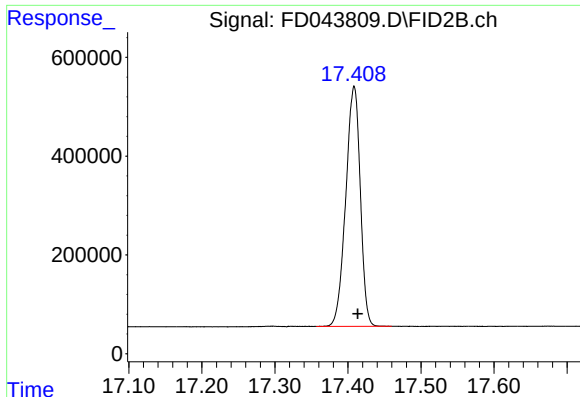
#15 n-Hexacosane (C26)

R.T.: 15.590 min
Delta R.T.: -0.005 min
Response: 7053166
Conc: 44.17 ug/ml



#16 n-Octacosane (C28)

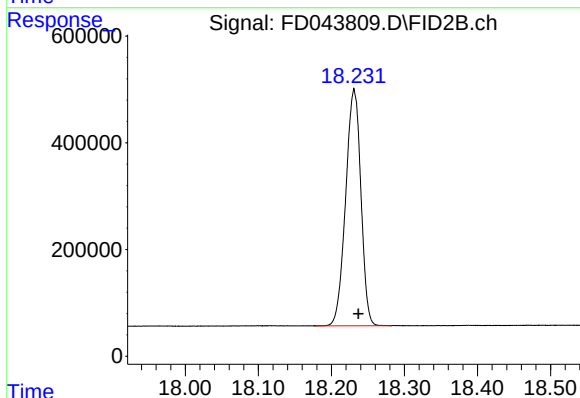
R.T.: 16.531 min
Delta R.T.: -0.005 min
Response: 6807972
Conc: 43.83 ug/ml



#17 n-Tricontane (C30)

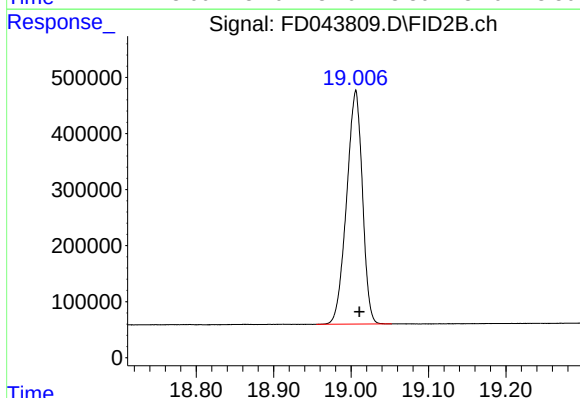
R.T.: 17.409 min
Delta R.T.: -0.005 min
Response: 6727635
Conc: 44.12 ug/ml

Instrument :
FID_D
ClientSampleId :



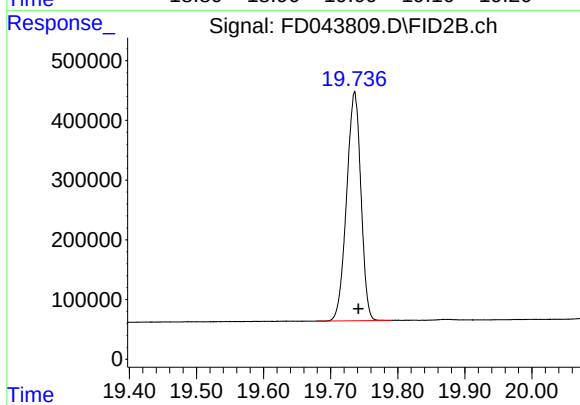
#18 n-Dotriacontane (C32)

R.T.: 18.231 min
Delta R.T.: -0.006 min
Response: 6411347
Conc: 43.74 ug/ml



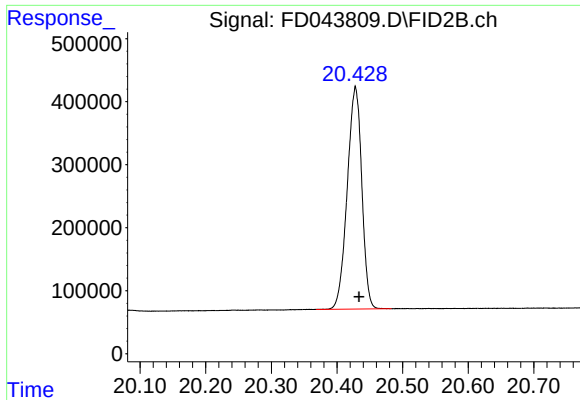
#19 n-Tetratriacontane (C34)

R.T.: 19.006 min
Delta R.T.: -0.005 min
Response: 5920636
Conc: 44.26 ug/ml



#20 n-Hexatriacontane (C36)

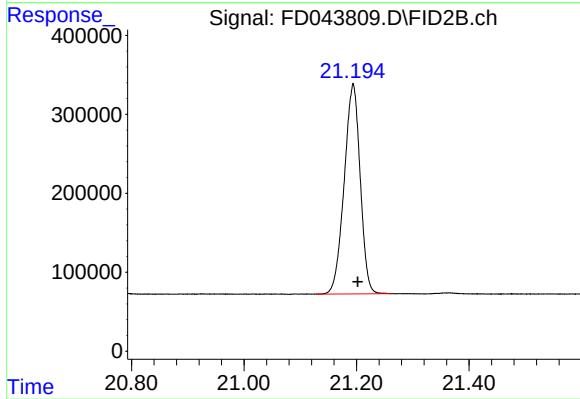
R.T.: 19.736 min
Delta R.T.: -0.006 min
Response: 5680852
Conc: 44.77 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.428 min
Delta R.T.: -0.005 min
Response: 5432021
Conc: 45.39 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.194 min
Delta R.T.: -0.008 min
Response: 5245045
Conc: 46.01 ug/ml