

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047735.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 13:10
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 61 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: May 13 13:42:37 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 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)	11.352	4489081	20.572 ug/ml
Spiked Amount 50.000		Recovery =	41.14%
12) S 1-chlorooctadecane (S...	12.791	3360945	20.625 ug/ml
Spiked Amount 50.000		Recovery =	41.25%
Target Compounds			
1) T n-Nonane (C9)	3.187	3915476	20.335 ug/ml
2) T n-Decane (C10)	4.239	4039093	20.402 ug/ml
3) T A~Naphthalene (C11.7)	5.796	4491179	20.623 ug/ml
4) T n-Dodecane (C12)	6.240	4065612	20.471 ug/ml
5) T A~2-methylnaphthalene...	6.846	4327040	20.627 ug/ml
6) T n-Tetradecane (C14)	8.024	4021986	20.592 ug/ml
7) T n-Hexadecane (C16)	9.616	4140820	20.633 ug/ml
8) T n-Octadecane (C18)	11.050	4194752	20.654 ug/ml
10) T n-Eicosane (C20)	12.353	4023573	20.610 ug/ml
11) T n-Heneicosane (C21)	12.961	3952776	20.550 ug/ml
13) T n-Docosane (C22)	13.544	3908800	20.541 ug/ml
14) T n-Tetracosane (C24)	14.642	3851736	20.486 ug/ml
15) T n-Hexacosane (C26)	15.657	3718820	20.529 ug/ml
16) T n-Octacosane (C28)	16.602	3578967	20.536 ug/ml
17) T n-Tricontane (C30)	17.485	3597785	20.617 ug/ml
18) T n-Dotriacontane (C32)	18.313	3484450	20.465 ug/ml
19) T n-Tetratriacontane (C34)	19.093	3332894	20.666 ug/ml
20) T n-Hexatriacontane (C36)	19.828	3142129	20.555 ug/ml
21) T n-Octatriacontane (C38)	20.529	3036165	20.649 ug/ml
22) T n-Tetracontane (C40)	21.337	2923877	20.616 ug/ml

(f)=RT Delta > 1/2 Window

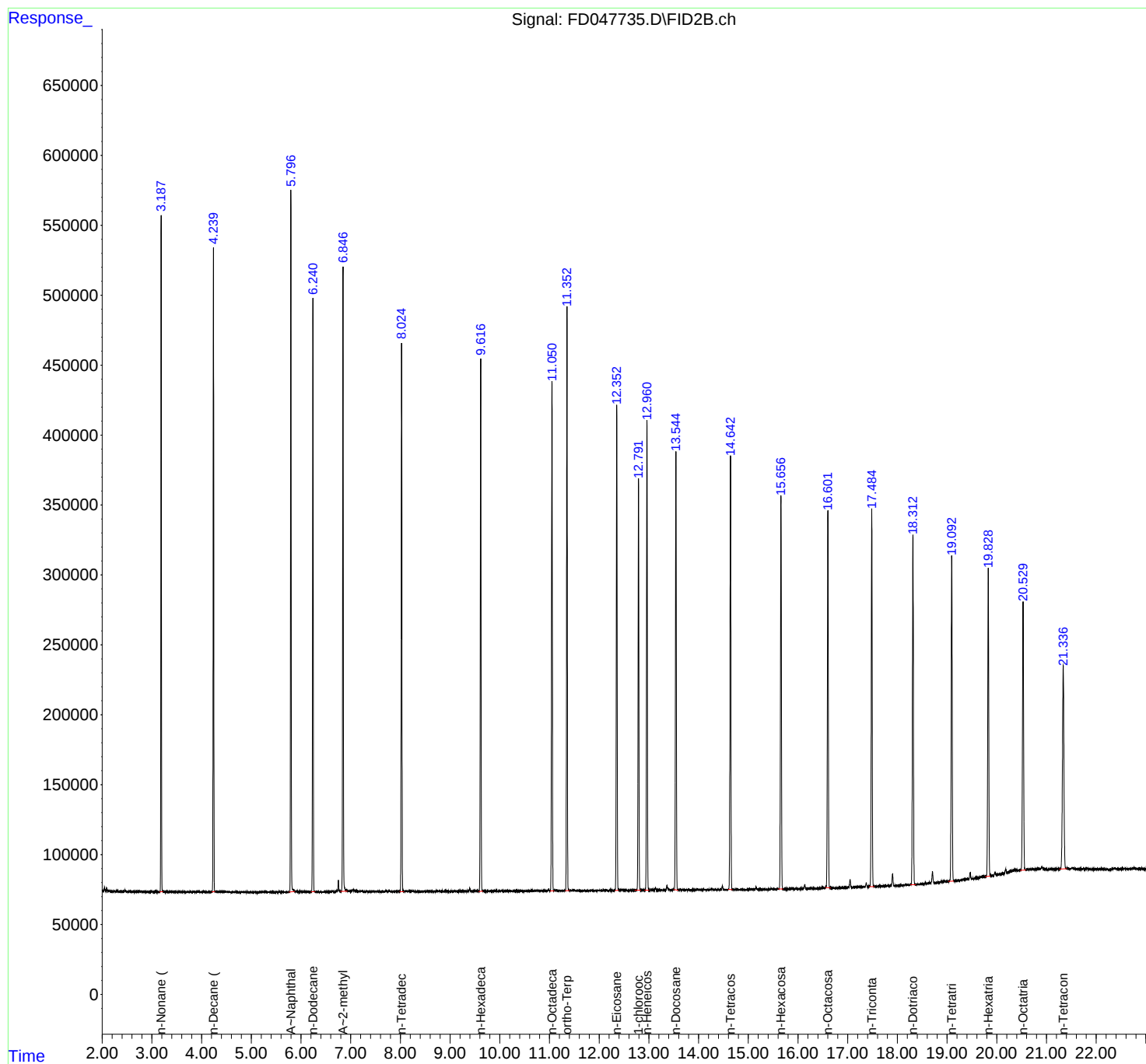
(m)=manual int.

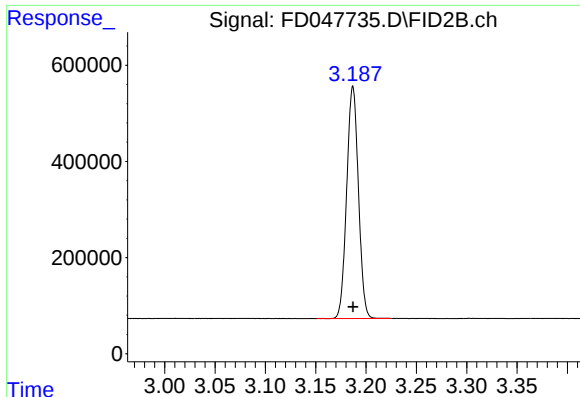
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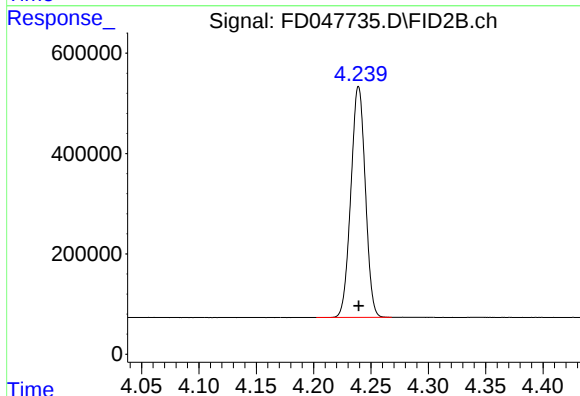




#1 n-Nonane (C9)

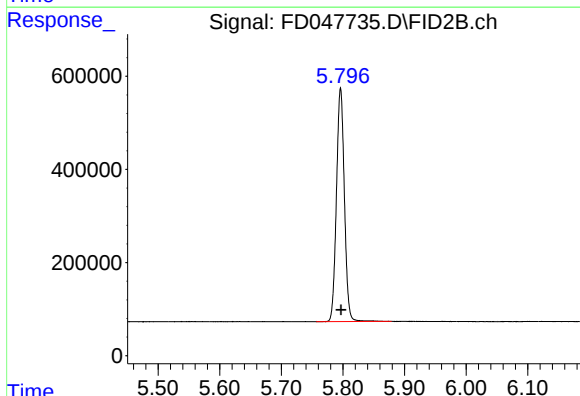
R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 3915476
Conc: 20.34 ug/ml

Instrument :
FID_D
ClientSampleId :



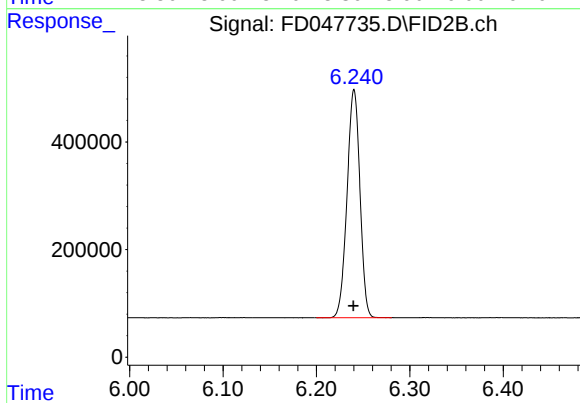
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 4039093
Conc: 20.40 ug/ml



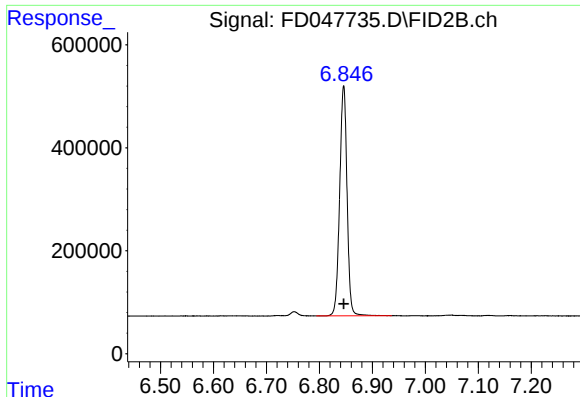
#3 A~Naphthalene (C11.7)

R.T.: 5.796 min
Delta R.T.: 0.000 min
Response: 4491179
Conc: 20.62 ug/ml



#4 n-Dodecane (C12)

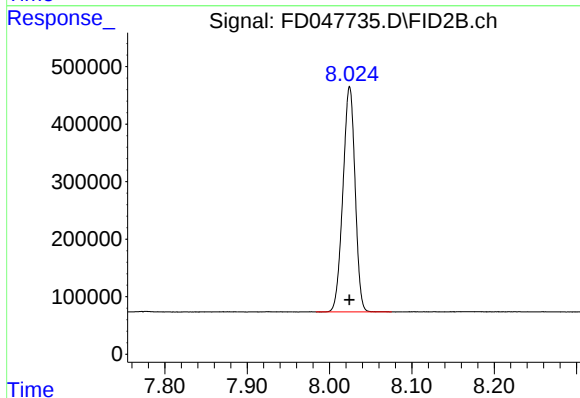
R.T.: 6.240 min
Delta R.T.: 0.000 min
Response: 4065612
Conc: 20.47 ug/ml



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

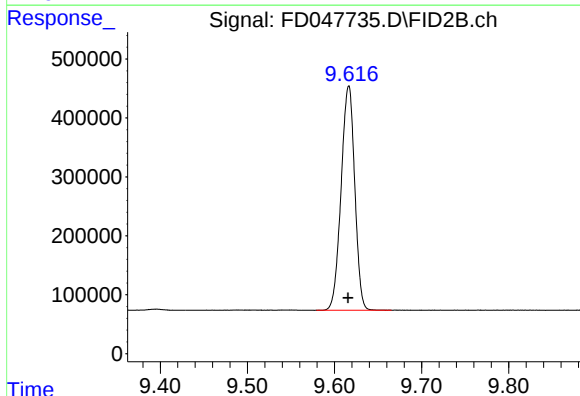
R.T.: 6.846 min
Delta R.T.: 0.000 min
Response: 4327040
Conc: 20.63 ug/ml

Instrument :
FID_D
ClientSampleId :



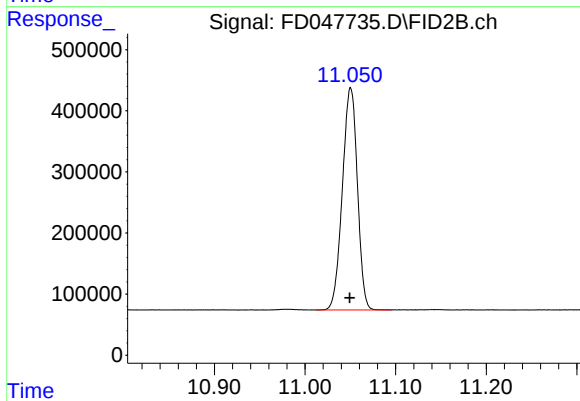
#6 n-Tetradecane (C14)

R.T.: 8.024 min
Delta R.T.: 0.000 min
Response: 4021986
Conc: 20.59 ug/ml



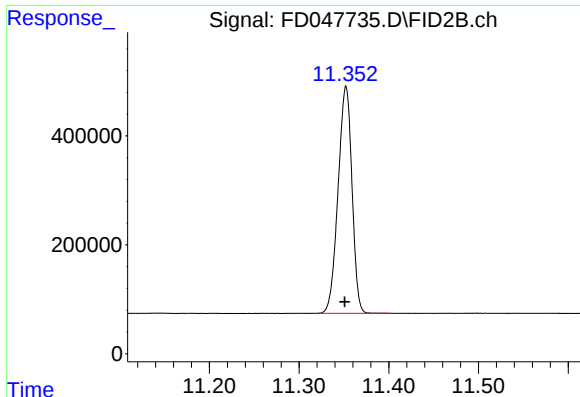
#7 n-Hexadecane (C16)

R.T.: 9.616 min
Delta R.T.: 0.000 min
Response: 4140820
Conc: 20.63 ug/ml



#8 n-Octadecane (C18)

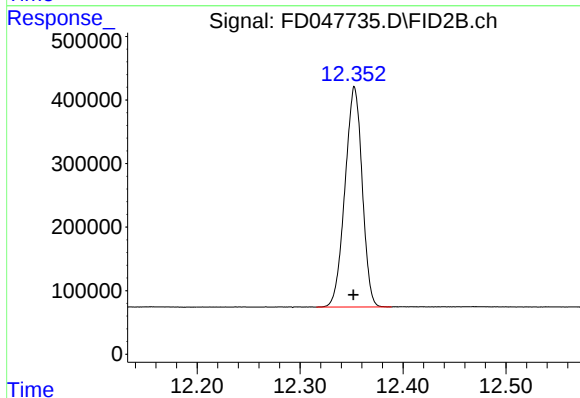
R.T.: 11.050 min
Delta R.T.: 0.001 min
Response: 4194752
Conc: 20.65 ug/ml



#9 ortho-Terphenyl (SURR)

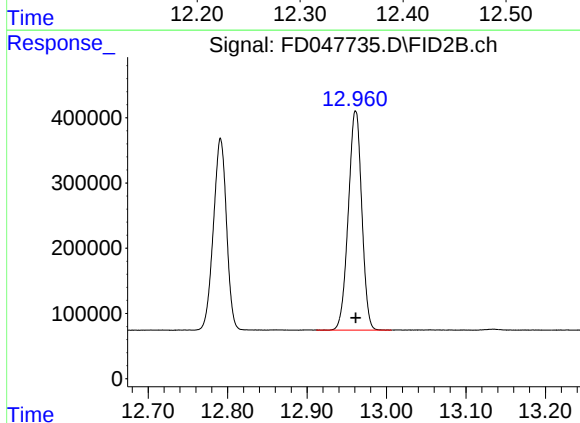
R.T.: 11.352 min
Delta R.T.: 0.002 min
Response: 4489081
Conc: 20.57 ug/ml

Instrument :
FID_D
ClientSampleId :



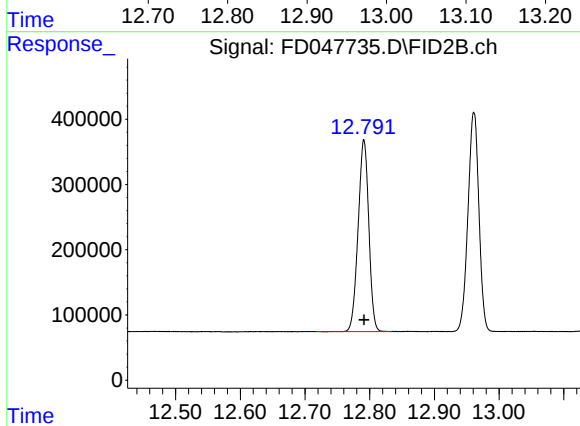
#10 n-Eicosane (C20)

R.T.: 12.353 min
Delta R.T.: 0.000 min
Response: 4023573
Conc: 20.61 ug/ml



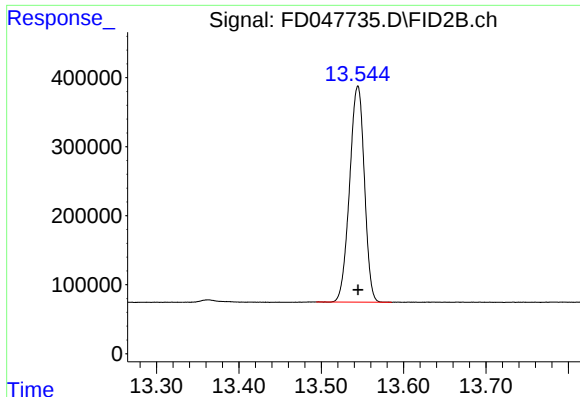
#11 n-Heneicosane (C21)

R.T.: 12.961 min
Delta R.T.: 0.000 min
Response: 3952776
Conc: 20.55 ug/ml



#12 1-chlorooctadecane (SURR)

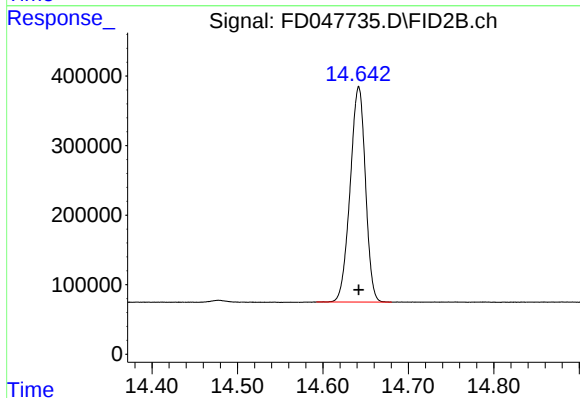
R.T.: 12.791 min
Delta R.T.: 0.000 min
Response: 3360945
Conc: 20.63 ug/ml



#13 n-Docosane (C22)

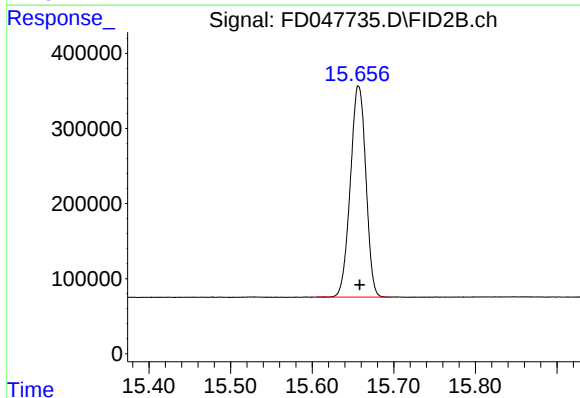
R.T.: 13.544 min
Delta R.T.: 0.000 min
Response: 3908800
Conc: 20.54 ug/ml

Instrument :
FID_D
ClientSampleId :



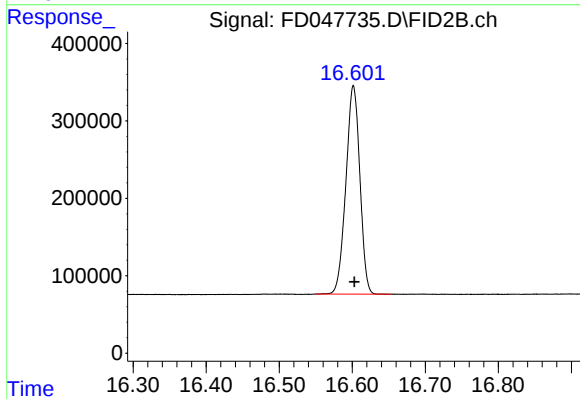
#14 n-Tetracosane (C24)

R.T.: 14.642 min
Delta R.T.: 0.000 min
Response: 3851736
Conc: 20.49 ug/ml



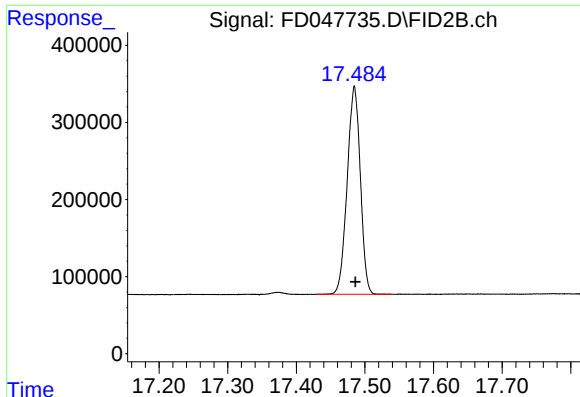
#15 n-Hexacosane (C26)

R.T.: 15.657 min
Delta R.T.: -0.001 min
Response: 3718820
Conc: 20.53 ug/ml



#16 n-Octacosane (C28)

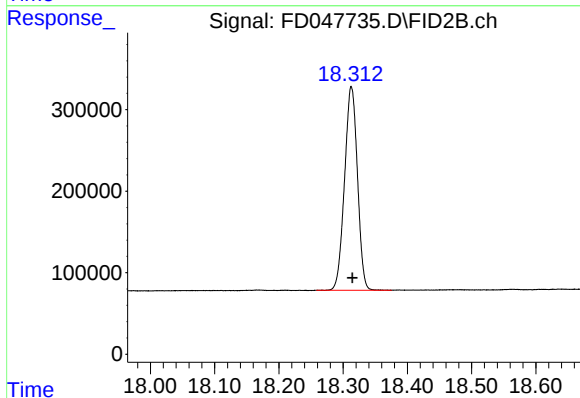
R.T.: 16.602 min
Delta R.T.: -0.002 min
Response: 3578967
Conc: 20.54 ug/ml



#17 n-Tricontane (C30)

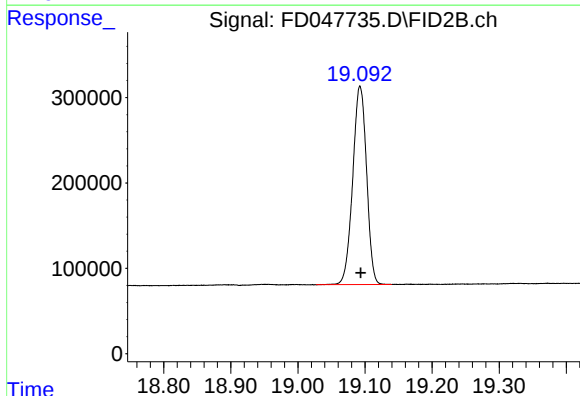
R.T.: 17.485 min
Delta R.T.: -0.001 min
Response: 3597785
Conc: 20.62 ug/ml

Instrument :
FID_D
ClientSampleId :



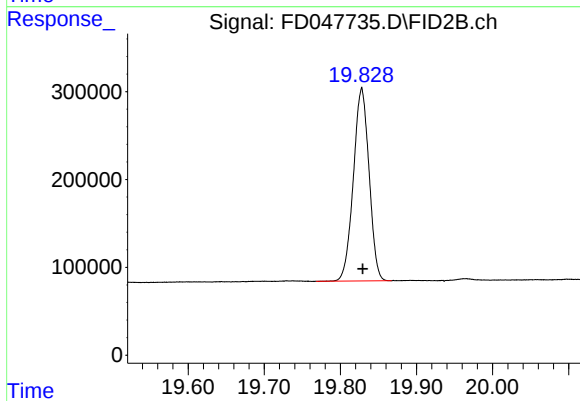
#18 n-Dotriacontane (C32)

R.T.: 18.313 min
Delta R.T.: -0.002 min
Response: 3484450
Conc: 20.47 ug/ml



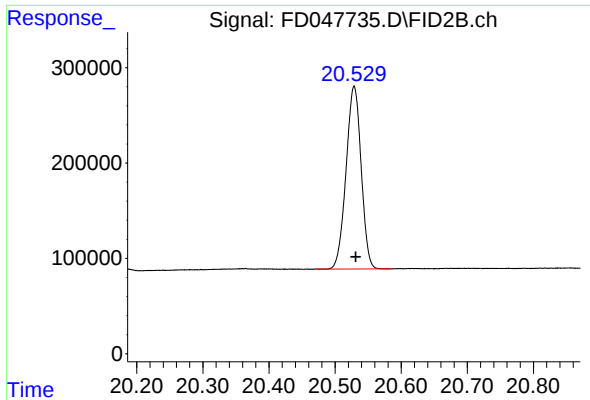
#19 n-Tetratriacontane (C34)

R.T.: 19.093 min
Delta R.T.: -0.001 min
Response: 3332894
Conc: 20.67 ug/ml



#20 n-Hexatriacontane (C36)

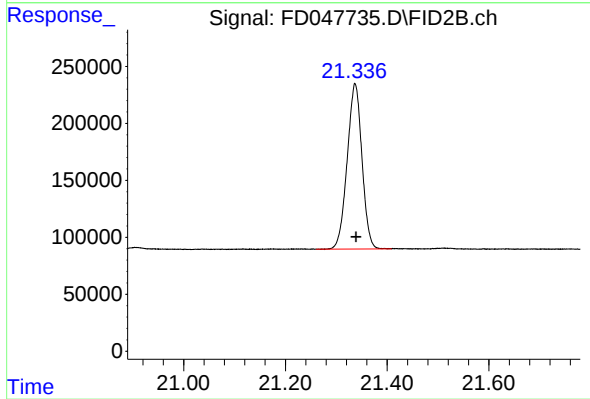
R.T.: 19.828 min
Delta R.T.: -0.001 min
Response: 3142129
Conc: 20.55 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.529 min
Delta R.T.: -0.002 min
Response: 3036165
Conc: 20.65 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.337 min
Delta R.T.: -0.002 min
Response: 2923877
Conc: 20.62 ug/ml