

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040225AL\
 Data File : FD049227.D
 Signal(s) : FID2B.ch
 Acq On : 03 Apr 2025 03:37
 Operator : YP/AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Apr 03 07:23:49 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040225.M
 Quant Title : GC Extractables
 QLast Update : Thu Apr 03 07:21:29 2025
 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)	11.660	3608902	20.660 ug/ml
Spiked Amount 50.000		Recovery =	41.32%
12) S 1-chlorooctadecane (S...	13.084	2651992	20.952 ug/ml
Spiked Amount 50.000		Recovery =	41.90%
Target Compounds			
1) T n-Nonane (C9)	3.430	2517005	20.785 ug/ml
2) T n-Decane (C10)	4.500	2552973	20.769 ug/ml
3) T A~Naphthalene (C11.7)	6.088	2986997	20.868 ug/ml
4) T n-Dodecane (C12)	6.514	2578570	20.797 ug/ml
5) T A~2-methylnaphthalene...	7.142	2880460	20.723 ug/ml
6) T n-Tetradecane (C14)	8.305	2653901	20.691 ug/ml
7) T n-Hexadecane (C16)	9.900	2901202	20.694 ug/ml
8) T n-Octadecane (C18)	11.337	3141620	20.746 ug/ml
10) T n-Eicosane (C20)	12.641	3143221	20.742 ug/ml
11) T n-Heneicosane (C21)	13.250	3127301	20.891 ug/ml
13) T n-Docosane (C22)	13.834	3119998	20.517 ug/ml
14) T n-Tetracosane (C24)	14.932	3094312	19.983 ug/ml
15) T n-Hexacosane (C26)	15.948	2952900	19.508 ug/ml
16) T n-Octacosane (C28)	16.893	2782248	19.239 ug/ml
17) T n-Tricontane (C30)	17.775	2660075	19.294 ug/ml
18) T n-Dotriacontane (C32)	18.604	2408960	19.421 ug/ml
19) T n-Tetratriacontane (C34)	19.382	2048075	20.272 ug/ml
20) T n-Hexatriacontane (C36)	20.117	1639573	20.790 ug/ml
21) T n-Octatriacontane (C38)	20.855	1348506	21.701 ug/ml
22) T n-Tetracontane (C40)	21.775	1046705	23.116 ug/ml

(f)=RT Delta > 1/2 Window

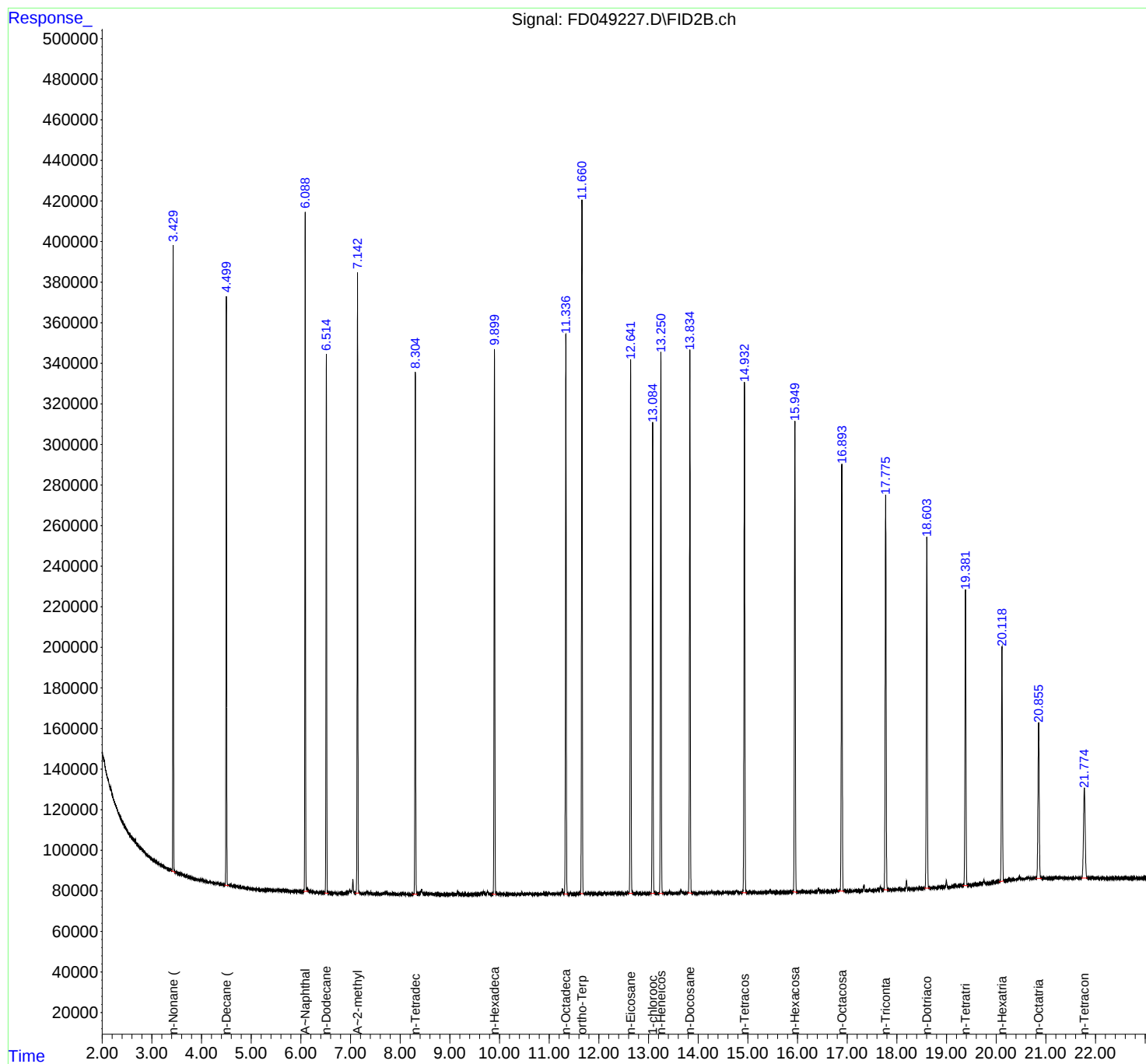
(m)=manual int.

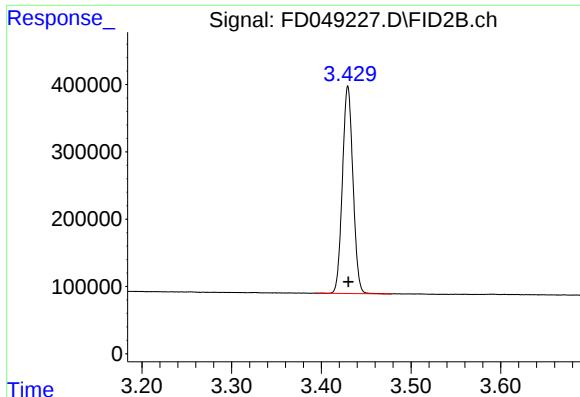
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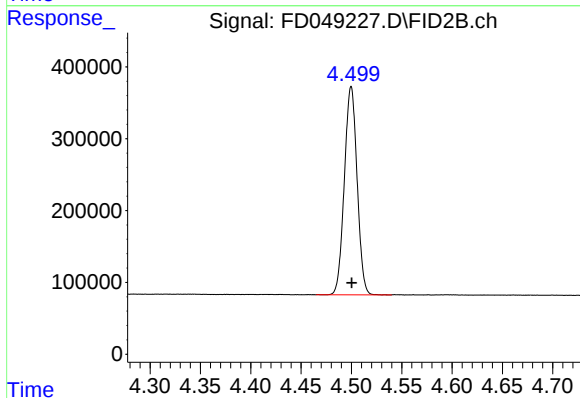




#1 n-Nonane (C9)

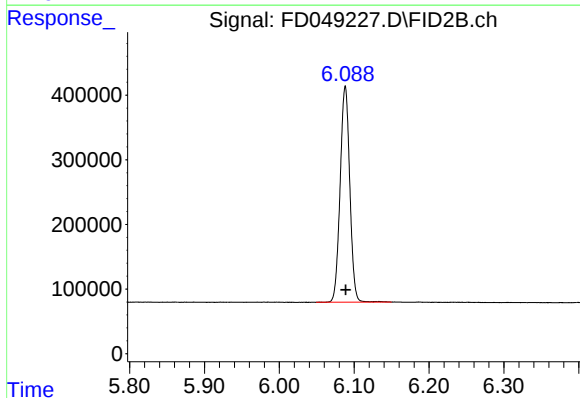
R.T.: 3.430 min
Delta R.T.: 0.000 min
Response: 2517005
Conc: 20.78 ug/ml

Instrument :
FID_D
ClientSampleId :



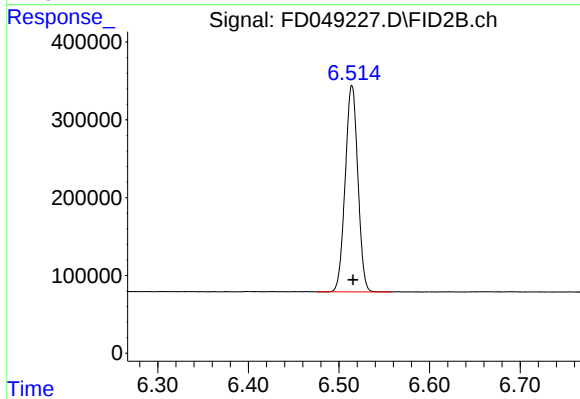
#2 n-Decane (C10)

R.T.: 4.500 min
Delta R.T.: 0.000 min
Response: 2552973
Conc: 20.77 ug/ml



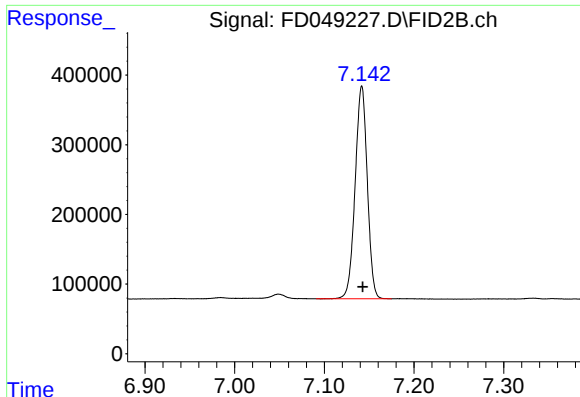
#3 A~Naphthalene (C11.7)

R.T.: 6.088 min
Delta R.T.: 0.000 min
Response: 2986997
Conc: 20.87 ug/ml



#4 n-Dodecane (C12)

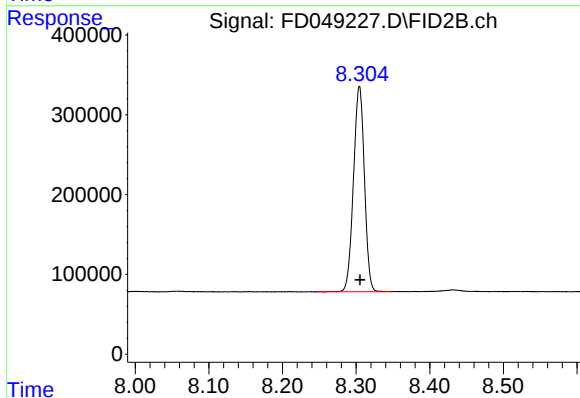
R.T.: 6.514 min
Delta R.T.: -0.001 min
Response: 2578570
Conc: 20.80 ug/ml



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

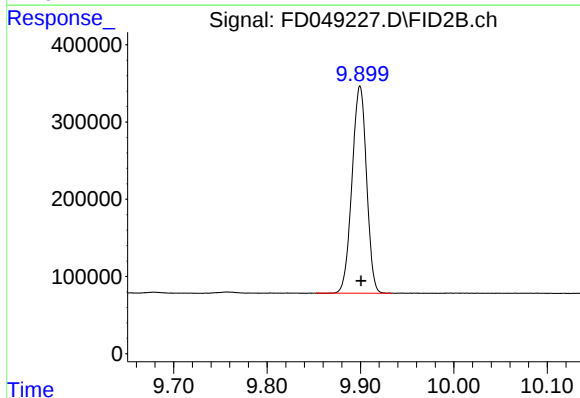
R.T.: 7.142 min
Delta R.T.: -0.001 min
Response: 2880460
Conc: 20.72 ug/ml

Instrument :
FID_D
ClientSampleId :



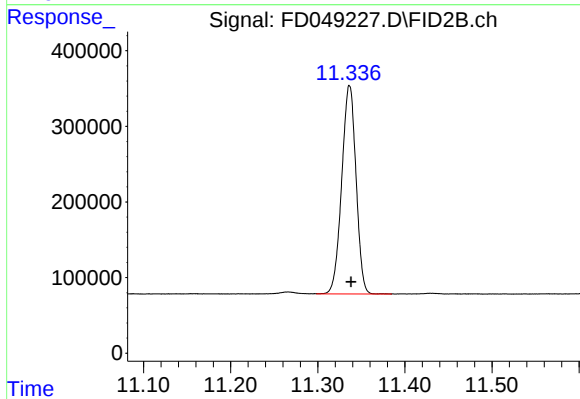
#6 n-Tetradecane (C14)

R.T.: 8.305 min
Delta R.T.: 0.000 min
Response: 2653901
Conc: 20.69 ug/ml



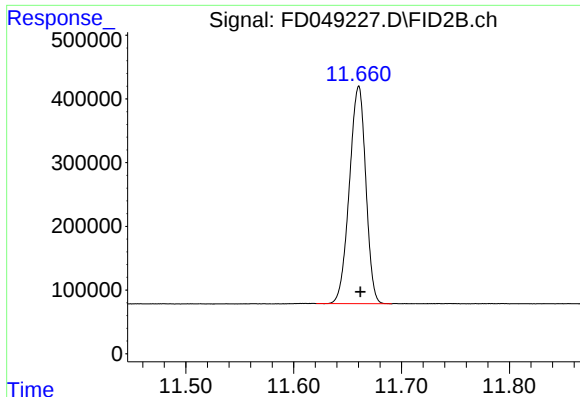
#7 n-Hexadecane (C16)

R.T.: 9.900 min
Delta R.T.: 0.000 min
Response: 2901202
Conc: 20.69 ug/ml



#8 n-Octadecane (C18)

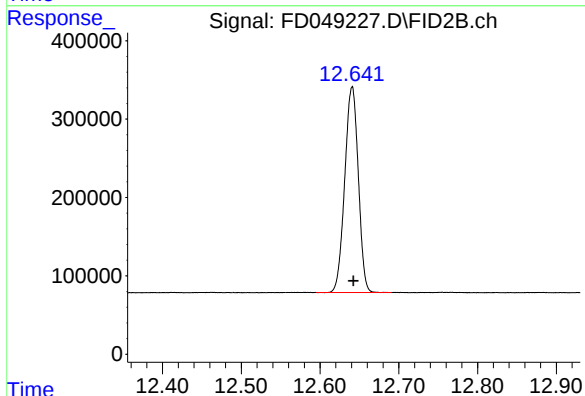
R.T.: 11.337 min
Delta R.T.: -0.002 min
Response: 3141620
Conc: 20.75 ug/ml



#9 ortho-Terphenyl (SURR)

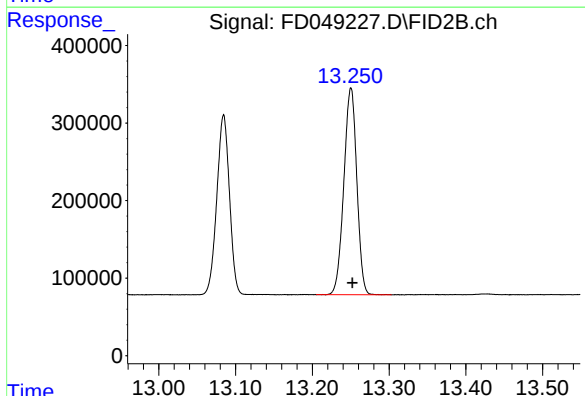
R.T.: 11.660 min
Delta R.T.: -0.001 min
Response: 3608902
Conc: 20.66 ug/ml

Instrument :
FID_D
ClientSampleId :



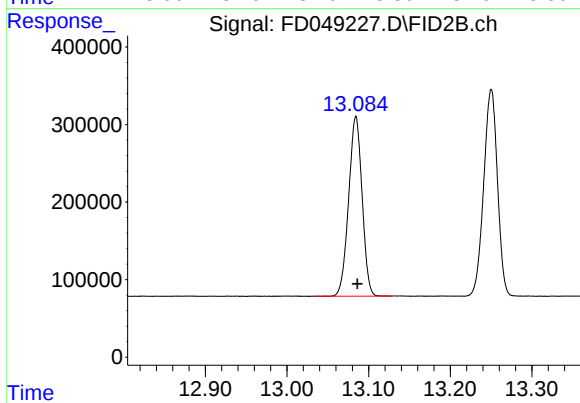
#10 n-Eicosane (C20)

R.T.: 12.641 min
Delta R.T.: -0.002 min
Response: 3143221
Conc: 20.74 ug/ml



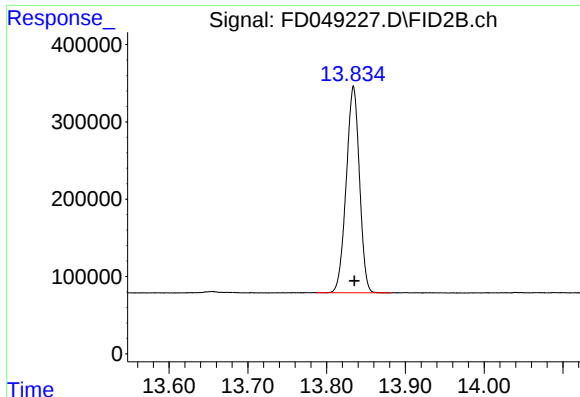
#11 n-Heneicosane (C21)

R.T.: 13.250 min
Delta R.T.: -0.002 min
Response: 3127301
Conc: 20.89 ug/ml



#12 1-chlorooctadecane (SURR)

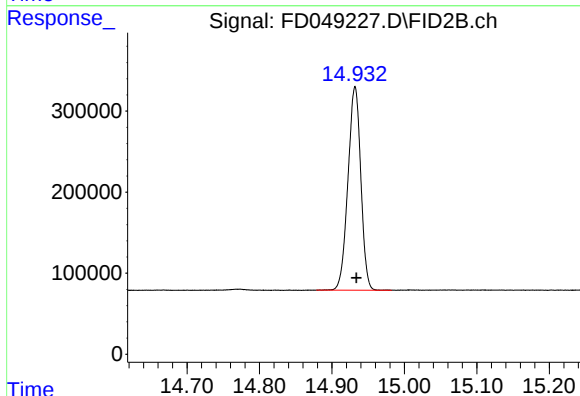
R.T.: 13.084 min
Delta R.T.: -0.002 min
Response: 2651992
Conc: 20.95 ug/ml



#13 n-Docosane (C22)

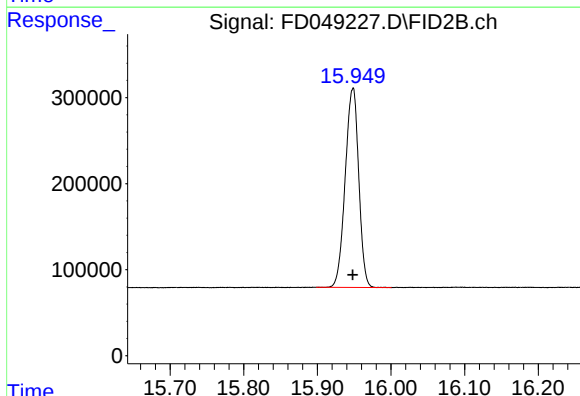
R.T.: 13.834 min
Delta R.T.: -0.001 min
Response: 3119998
Conc: 20.52 ug/ml

Instrument :
FID_D
ClientSampleId :



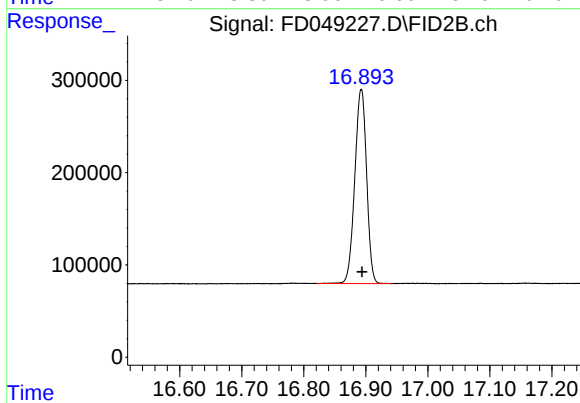
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.002 min
Response: 3094312
Conc: 19.98 ug/ml



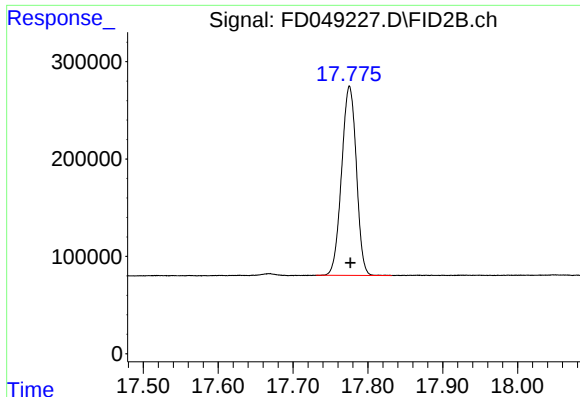
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: 0.000 min
Response: 2952900
Conc: 19.51 ug/ml



#16 n-Octacosane (C28)

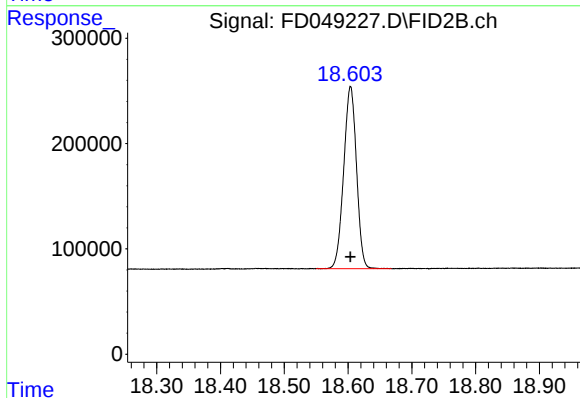
R.T.: 16.893 min
Delta R.T.: -0.002 min
Response: 2782248
Conc: 19.24 ug/ml



#17 n-Tricontane (C30)

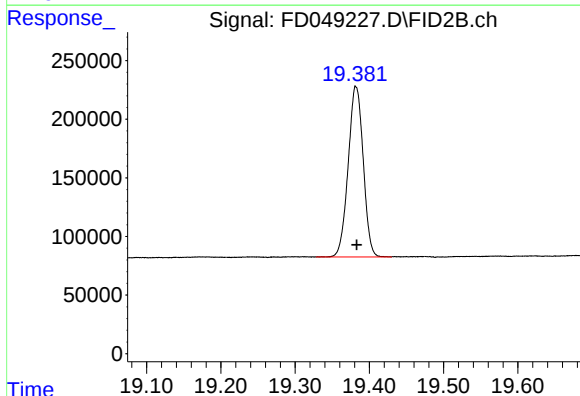
R.T.: 17.775 min
Delta R.T.: -0.001 min
Response: 2660075
Conc: 19.29 ug/ml

Instrument :
FID_D
ClientSampleId :



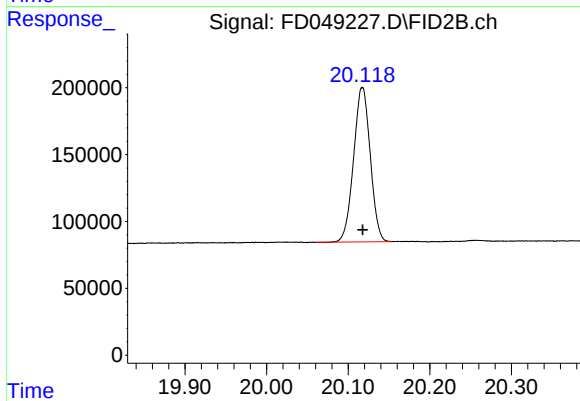
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: 0.000 min
Response: 2408960
Conc: 19.42 ug/ml



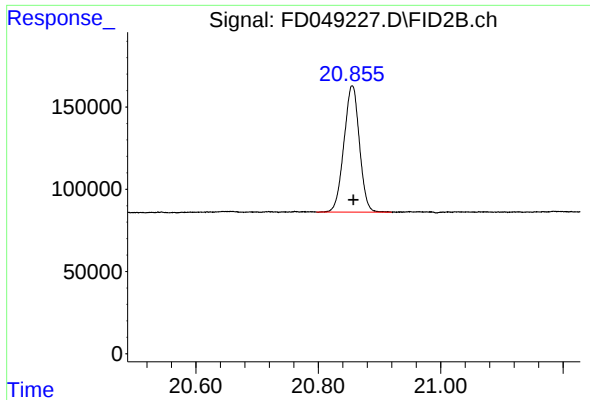
#19 n-Tetratriacontane (C34)

R.T.: 19.382 min
Delta R.T.: 0.000 min
Response: 2048075
Conc: 20.27 ug/ml



#20 n-Hexatriacontane (C36)

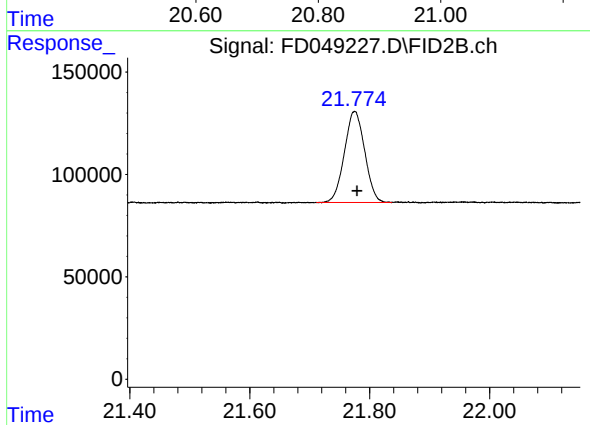
R.T.: 20.117 min
Delta R.T.: 0.000 min
Response: 1639573
Conc: 20.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.855 min
Delta R.T.: -0.002 min
Response: 1348506
Conc: 21.70 ug/ml

Instrument :
FID_D
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.775 min
Delta R.T.: -0.004 min
Response: 1046705
Conc: 23.12 ug/ml