

Data Path : Z:\pestpcbsrv\HPCHEM1\FID\_D\Data\FD072123AL\  
 Data File : FD046181.D  
 Signal(s) : FID2B.ch  
 Acq On : 21 Jul 2023 23:18  
 Operator : YP/AJ  
 Sample : 20 PPM ALIPHATIC HC STD  
 Misc :  
 ALS Vial : 8 Sample Multiplier: 1

Instrument :  
 FID\_D  
 ClientSampleId :

Integration File: autoint1.e  
 Quant Time: Jul 22 00:24:50 2023  
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID\_D\methods\Aliphatic EPH 072023.M  
 Quant Title : GC Extractables  
 QLast Update : Thu Jul 20 14:31:50 2023  
 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
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System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.405	3545128	20.333 ug/ml
Spiked Amount	50.000	Recovery	= 40.67%
12) S 1-chlorooctadecane (S...	12.840	2592202	21.543 ug/ml
Spiked Amount	50.000	Recovery	= 43.09%
Target Compounds			
1) T n-Nonane (C9)	3.227	3117051	19.771 ug/ml
2) T n-Decane (C10)	4.284	3178595	19.793 ug/ml
3) T A~Naphthalene (C11.7)	5.849	3468219	20.033 ug/ml
4) T n-Dodecane (C12)	6.289	3208369	19.849 ug/ml
5) T A~2-methylnaphthalene...	6.899	3341402	20.246 ug/ml
6) T n-Tetradecane (C14)	8.074	3168943	19.919 ug/ml
7) T n-Hexadecane (C16)	9.666	3262479	20.049 ug/ml
8) T n-Octadecane (C18)	11.099	3244361	20.113 ug/ml
10) T n-Eicosane (C20)	12.400	3054546	20.463 ug/ml
11) T n-Heneicosane (C21)	13.008	2976687	20.621 ug/ml
13) T n-Docosane (C22)	13.591	2914404	20.858 ug/ml
14) T n-Tetracosane (C24)	14.686	2851691	20.710 ug/ml
15) T n-Hexacosane (C26)	15.700	2671483	20.897 ug/ml
16) T n-Octacosane (C28)	16.643	2560614	21.029 ug/ml
17) T n-Tricontane (C30)	17.524	2541046	20.531 ug/ml
18) T n-Dotriacontane (C32)	18.350	2550860	20.890 ug/ml
19) T n-Tetratriacontane (C34)	19.127	3191677	24.946 ug/ml
20) T n-Hexatriacontane (C36)	19.862	4505034	39.337 ug/ml
21) T n-Octatriacontane (C38)	20.563	3130749	27.808 ug/ml
22) T n-Tetracontane (C40)	21.385	2971034	27.697 ug/ml

(f)=RT Delta > 1/2 Window

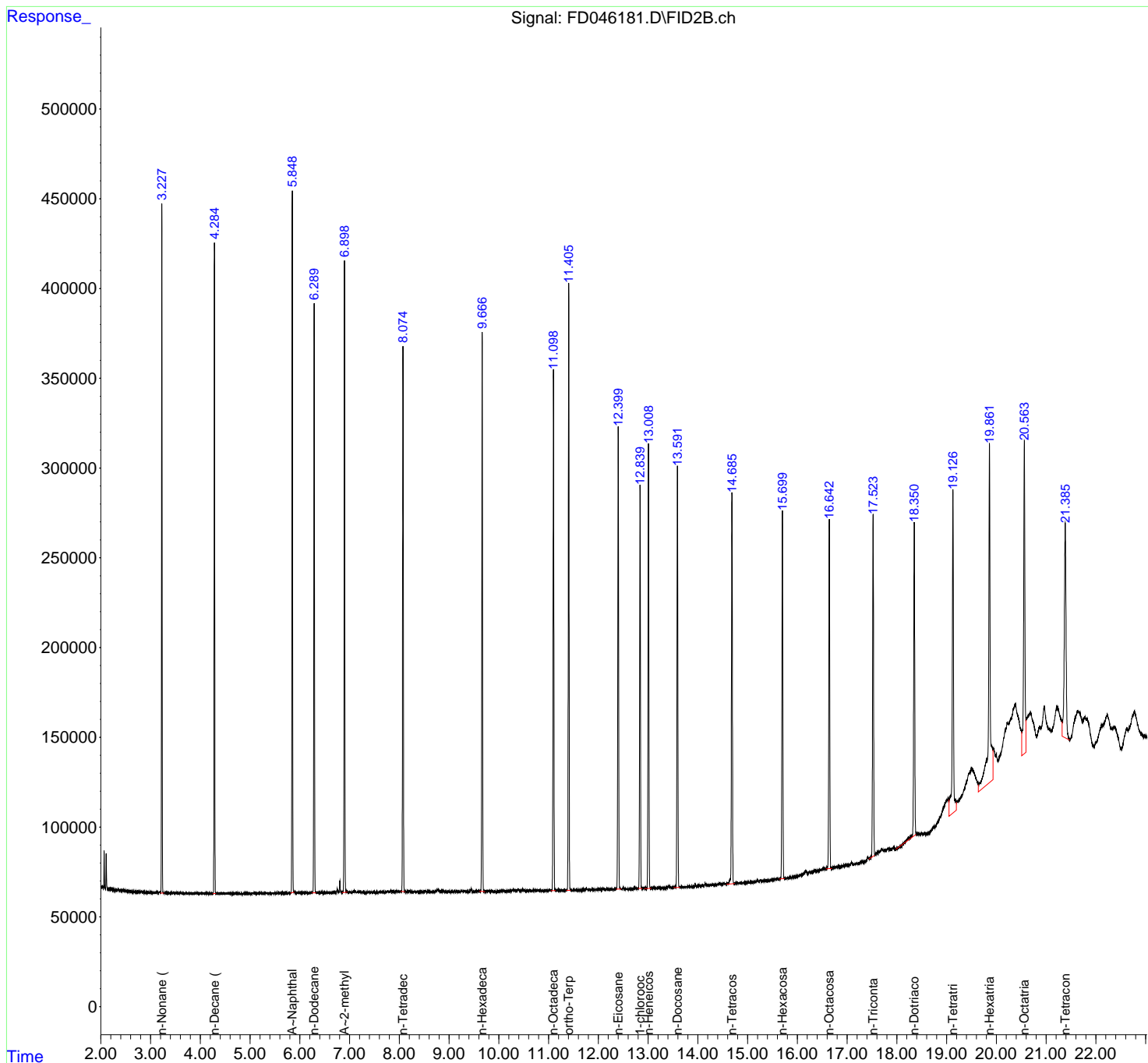
(m)=manual int.

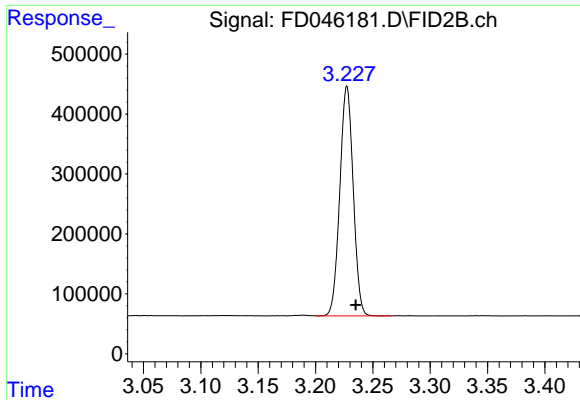
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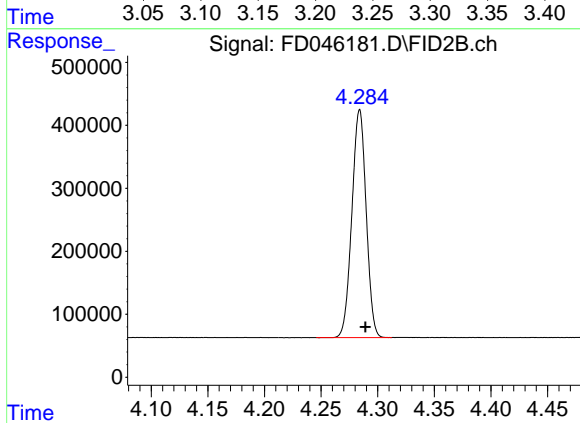




#1 n-Nonane (C9)

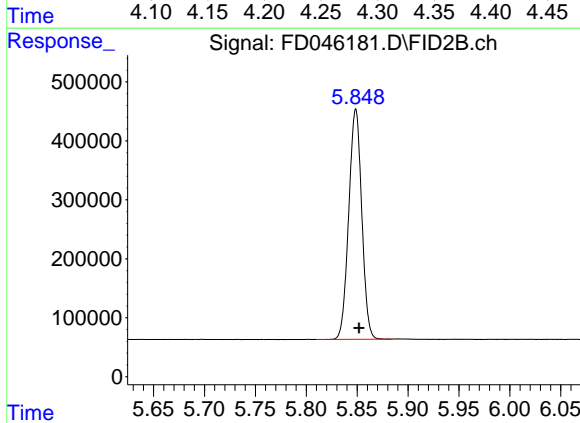
R.T.: 3.227 min  
 Delta R.T.: -0.008 min  
 Response: 3117051  
 Conc: 19.77 ug/ml

Instrument :  
 FID\_D  
 ClientSampleId :



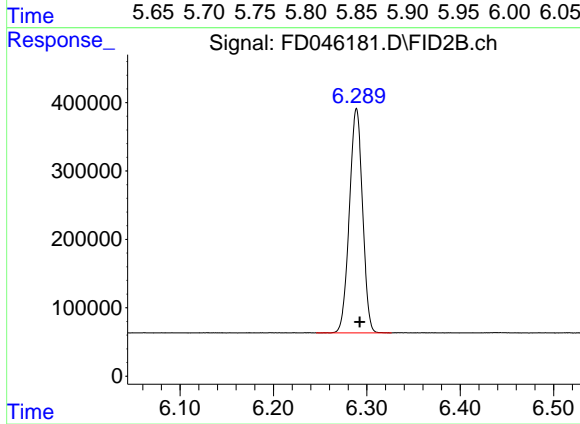
#2 n-Decane (C10)

R.T.: 4.284 min  
 Delta R.T.: -0.005 min  
 Response: 3178595  
 Conc: 19.79 ug/ml



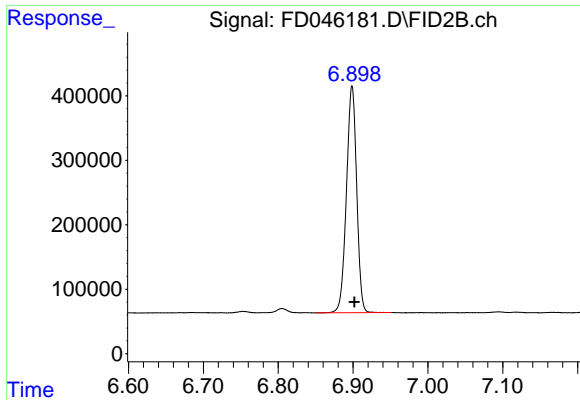
#3 A~Naphthalene (C11.7)

R.T.: 5.849 min  
 Delta R.T.: -0.003 min  
 Response: 3468219  
 Conc: 20.03 ug/ml



#4 n-Dodecane (C12)

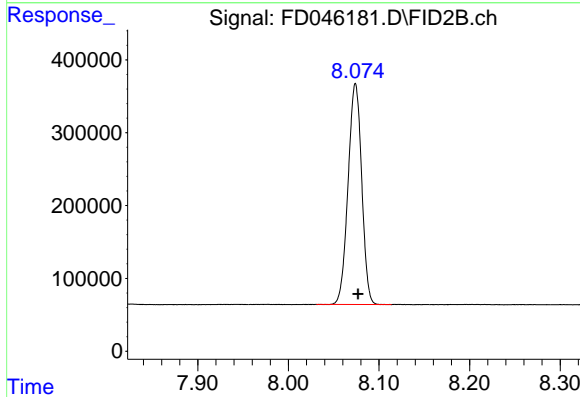
R.T.: 6.289 min  
 Delta R.T.: -0.003 min  
 Response: 3208369  
 Conc: 19.85 ug/ml



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

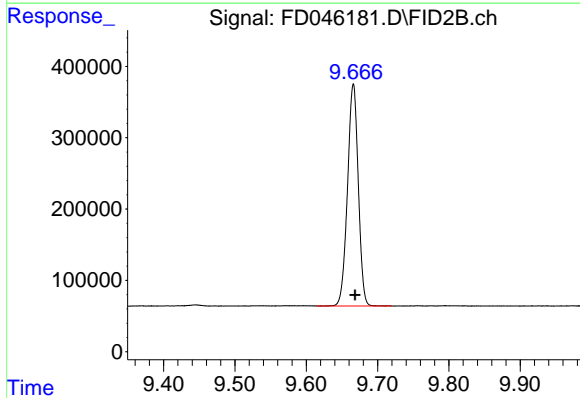
R.T.: 6.899 min  
 Delta R.T.: -0.003 min  
 Response: 3341402  
 Conc: 20.25 ug/ml

Instrument : FID\_D  
 ClientSampleId :



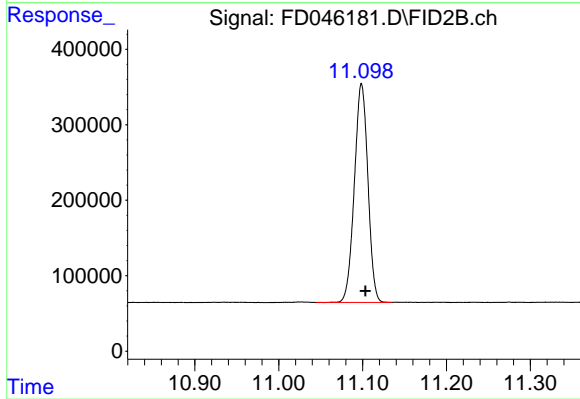
#6 n-Tetradecane (C14)

R.T.: 8.074 min  
 Delta R.T.: -0.003 min  
 Response: 3168943  
 Conc: 19.92 ug/ml



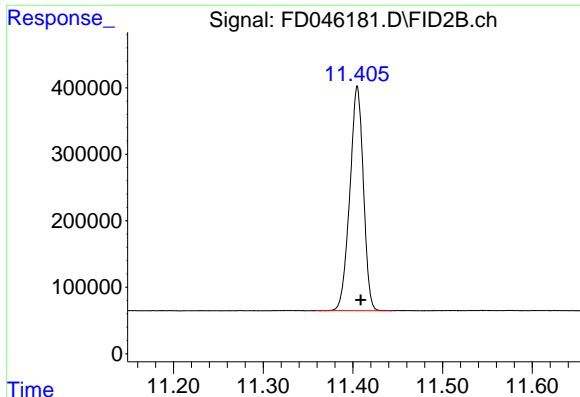
#7 n-Hexadecane (C16)

R.T.: 9.666 min  
 Delta R.T.: -0.003 min  
 Response: 3262479  
 Conc: 20.05 ug/ml



#8 n-Octadecane (C18)

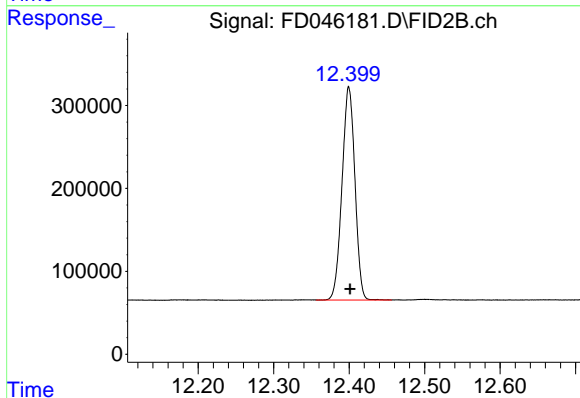
R.T.: 11.099 min  
 Delta R.T.: -0.005 min  
 Response: 3244361  
 Conc: 20.11 ug/ml



#9 ortho-Terphenyl (SURR)

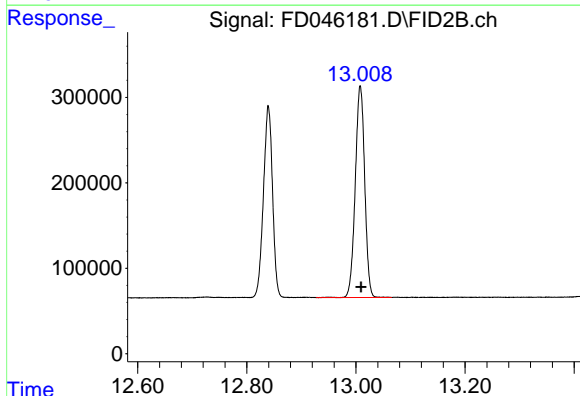
R.T.: 11.405 min  
 Delta R.T.: -0.004 min  
 Response: 3545128  
 Conc: 20.33 ug/ml

Instrument :  
 FID\_D  
 ClientSampleId :



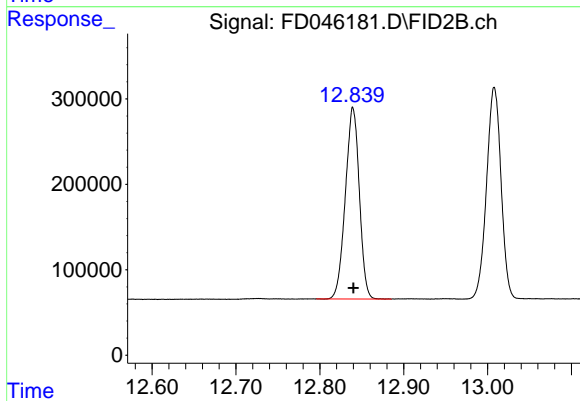
#10 n-Eicosane (C20)

R.T.: 12.400 min  
 Delta R.T.: -0.002 min  
 Response: 3054546  
 Conc: 20.46 ug/ml



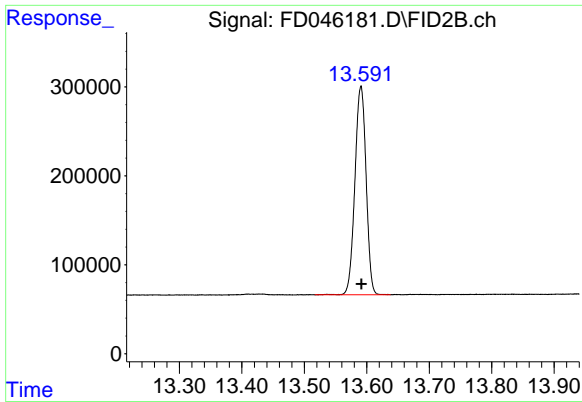
#11 n-Heneicosane (C21)

R.T.: 13.008 min  
 Delta R.T.: -0.002 min  
 Response: 2976687  
 Conc: 20.62 ug/ml



#12 1-chlorooctadecane (SURR)

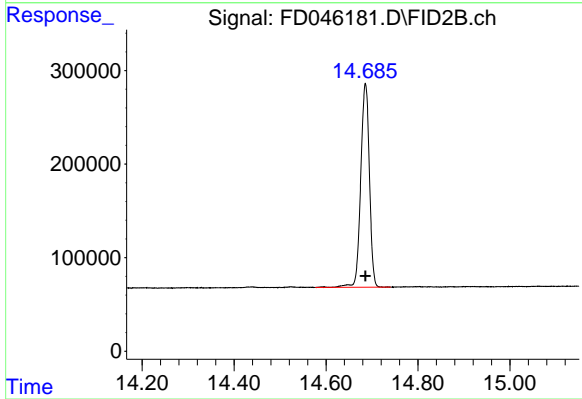
R.T.: 12.840 min  
 Delta R.T.: 0.000 min  
 Response: 2592202  
 Conc: 21.54 ug/ml



#13 n-Docosane (C22)

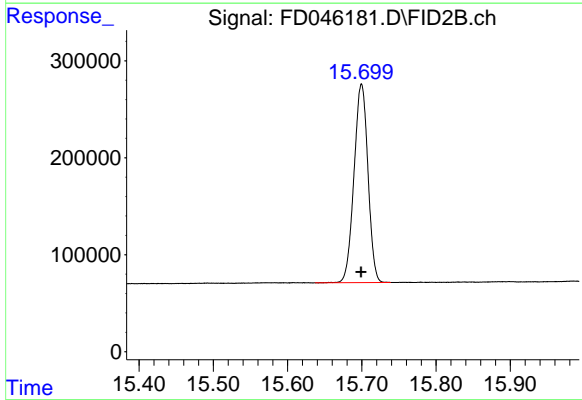
R.T.: 13.591 min  
Delta R.T.: 0.000 min  
Response: 2914404  
Conc: 20.86 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



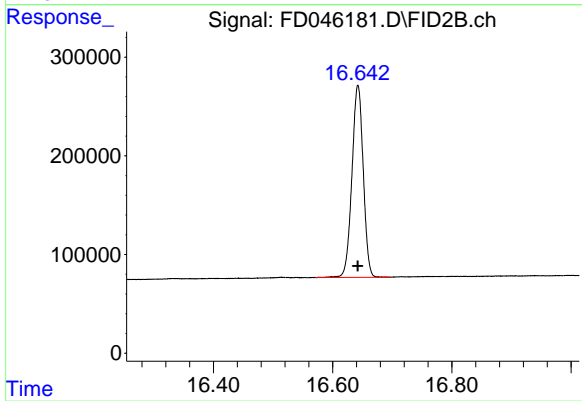
#14 n-Tetracosane (C24)

R.T.: 14.686 min  
Delta R.T.: 0.000 min  
Response: 2851691  
Conc: 20.71 ug/ml



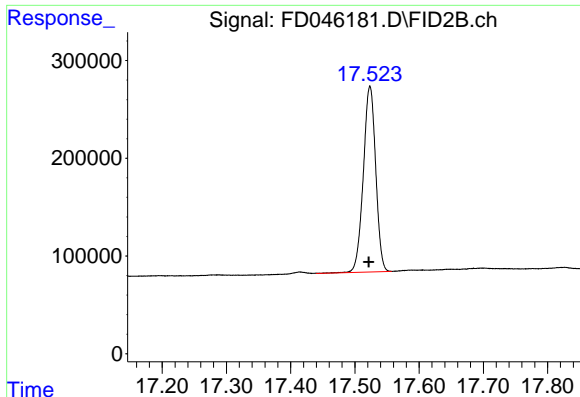
#15 n-Hexacosane (C26)

R.T.: 15.700 min  
Delta R.T.: 0.000 min  
Response: 2671483  
Conc: 20.90 ug/ml



#16 n-Octacosane (C28)

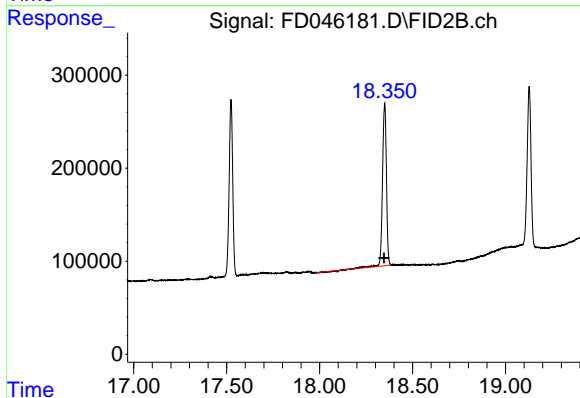
R.T.: 16.643 min  
Delta R.T.: 0.000 min  
Response: 2560614  
Conc: 21.03 ug/ml



#17 n-Tricontane (C30)

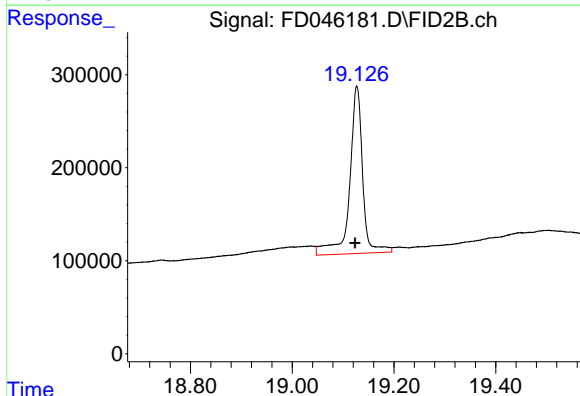
R.T.: 17.524 min  
Delta R.T.: 0.002 min  
Response: 2541046  
Conc: 20.53 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



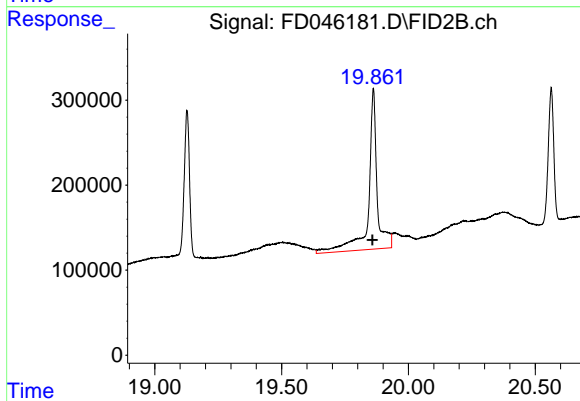
#18 n-Dotriacontane (C32)

R.T.: 18.350 min  
Delta R.T.: 0.003 min  
Response: 2550860  
Conc: 20.89 ug/ml



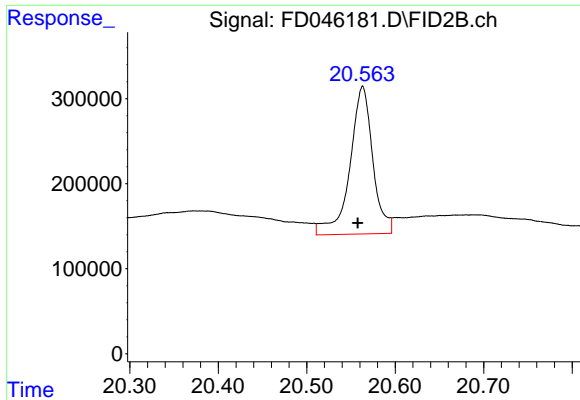
#19 n-Tetratriacontane (C34)

R.T.: 19.127 min  
Delta R.T.: 0.004 min  
Response: 3191677  
Conc: 24.95 ug/ml



#20 n-Hexatriacontane (C36)

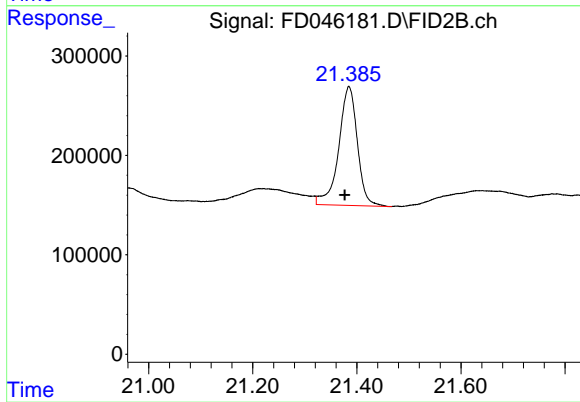
R.T.: 19.862 min  
Delta R.T.: 0.004 min  
Response: 4505034  
Conc: 39.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.563 min  
Delta R.T.: 0.005 min  
Response: 3130749  
Conc: 27.81 ug/ml

Instrument :  
FID\_D  
ClientSampleId :



#22 n-Tetracontane (C40)

R.T.: 21.385 min  
Delta R.T.: 0.008 min  
Response: 2971034  
Conc: 27.70 ug/ml