

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102022AL\
 Data File : FD044184.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2022 12:06
 Operator : YP/AJ
 Sample : N4955-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT4-2022

Integration File: autoint1.e
 Quant Time: Oct 20 14:38:14 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 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			
12) S 1-chlorooctadecane (S...	12.720	6366575	50.623 ug/ml
Spiked Amount 50.000		Recovery =	101.25%
Target Compounds			
1) T n-Nonane (C9)	3.141	130818	0.969 ug/ml
2) T n-Decane (C10)	4.188	179284	1.334 ug/ml
4) T n-Dodecane (C12)	6.182	259713	1.869 ug/ml
6) T n-Tetradecane (C14)	7.961	301760	2.167 ug/ml
7) T n-Hexadecane (C16)	9.548	278672	1.976 ug/ml
8) T n-Octadecane (C18)	10.977	288173	1.982 ug/ml
10) T n-Eicosane (C20)	12.275	291093	1.963 ug/ml
11) T n-Heneicosane (C21)	12.882	303855	2.025 ug/ml
13) T n-Docosane (C22)	13.462	301752	2.007 ug/ml
14) T n-Tetracosane (C24)	14.554	298461	1.977 ug/ml
15) T n-Hexacosane (C26)	15.565	284817	1.881 ug/ml
16) T n-Octacosane (C28)	16.505	279547	1.856 ug/ml
17) T n-Tricontane (C30)	17.383	286196	1.867 ug/ml
18) T n-Dotriacontane (C32)	18.207	280835	1.831 ug/ml
19) T n-Tetratriacontane (C34)	18.981	265304	1.802 ug/ml
20) T n-Hexatriacontane (C36)	19.711	244017	1.664 ug/ml
21) T n-Octatriacontane (C38)	20.403	227595	1.631 ug/ml
22) T n-Tetracontane (C40)	21.162	210224	1.616 ug/ml

(f)=RT Delta > 1/2 Window

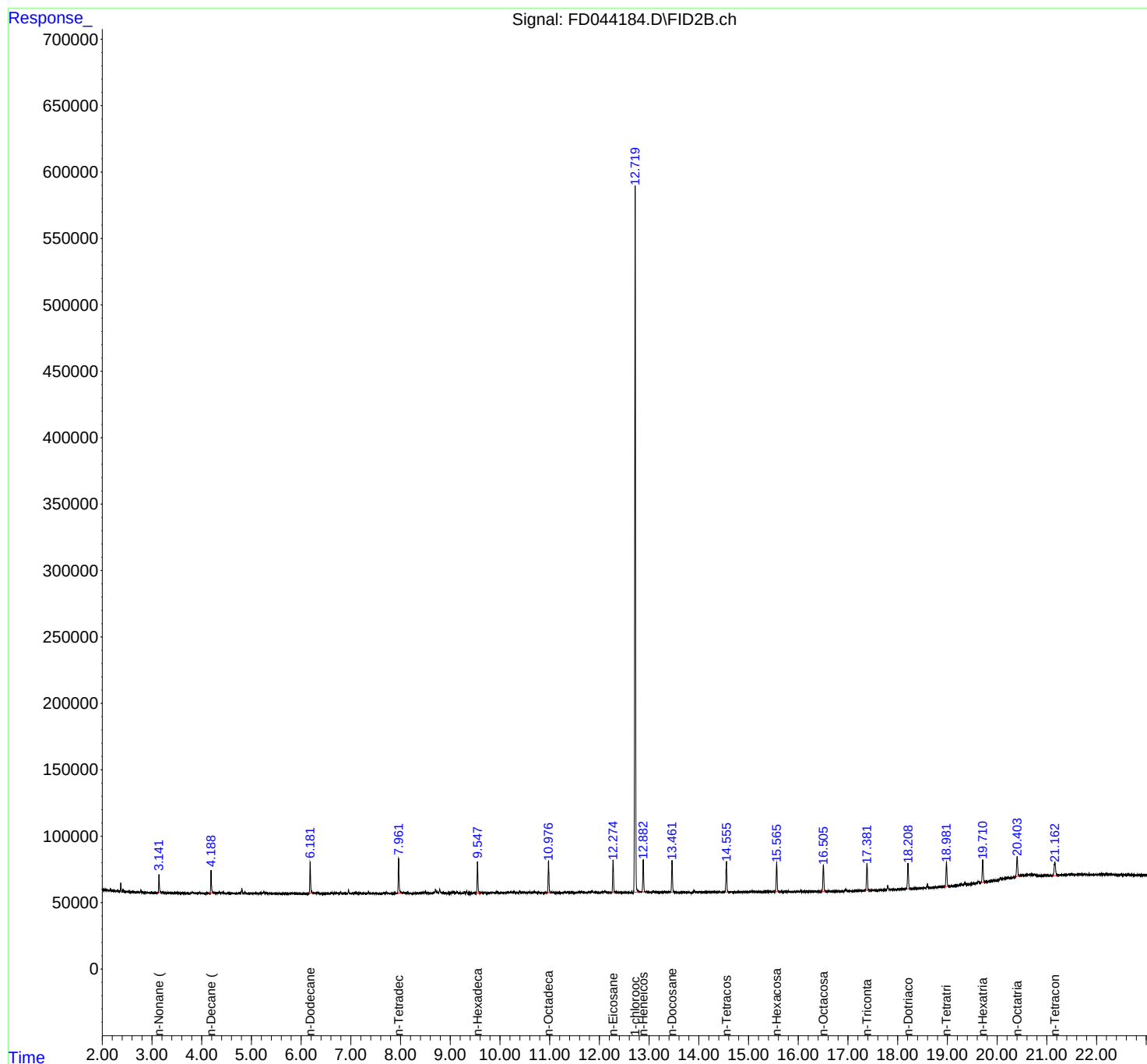
(m)=manual int.

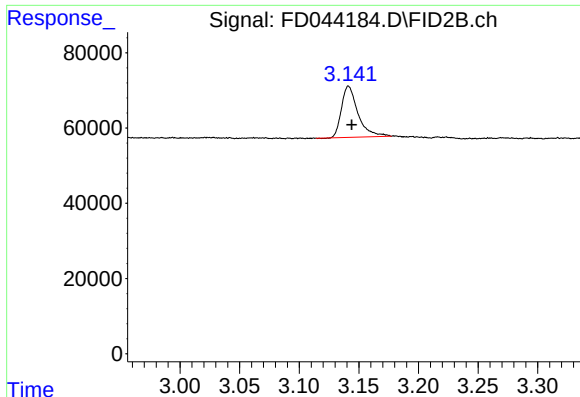
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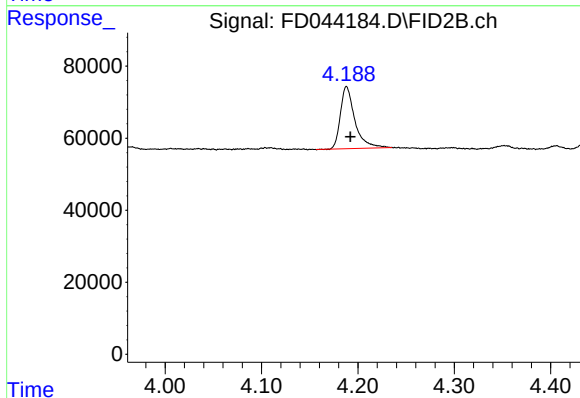




#1 n-Nonane (C9)

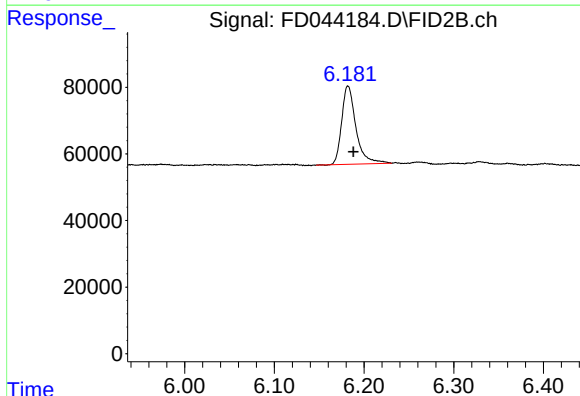
R.T.: 3.141 min
Delta R.T.: -0.003 min
Response: 130818
Conc: 0.97 ug/ml

Instrument :
FID_D
ClientSampleId :
MDL-WATER-03-QT4-2022



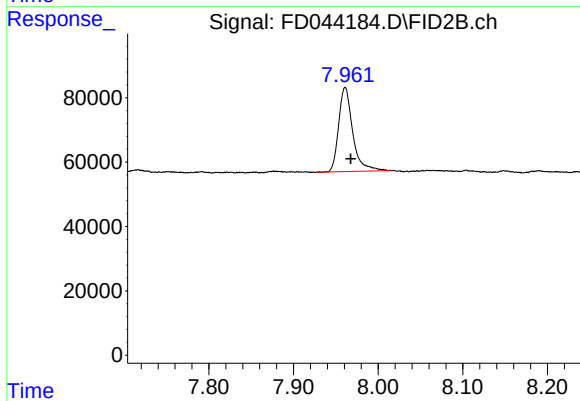
#2 n-Decane (C10)

R.T.: 4.188 min
Delta R.T.: -0.004 min
Response: 179284
Conc: 1.33 ug/ml



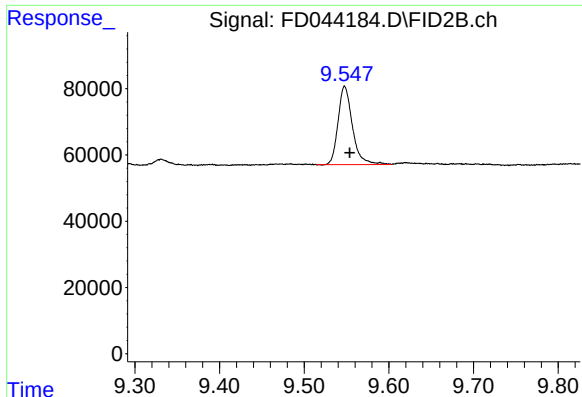
#4 n-Dodecane (C12)

R.T.: 6.182 min
Delta R.T.: -0.006 min
Response: 259713
Conc: 1.87 ug/ml



#6 n-Tetradecane (C14)

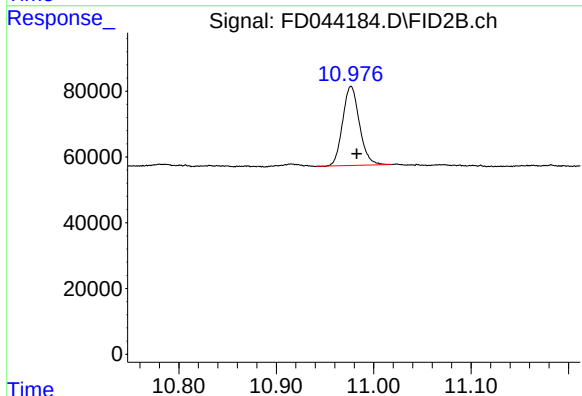
R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 301760
Conc: 2.17 ug/ml



#7 n-Hexadecane (C16)

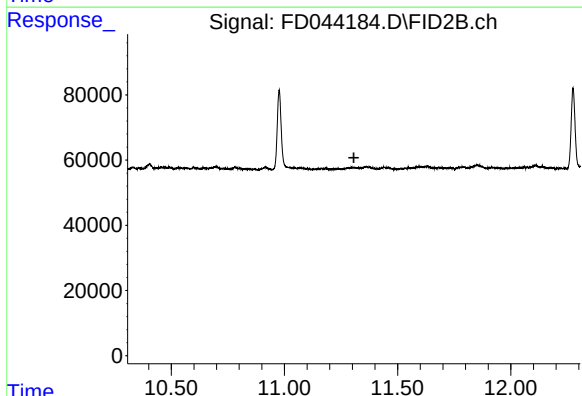
R.T.: 9.548 min
Delta R.T.: -0.006 min
Response: 278672
Conc: 1.98 ug/ml

Instrument :
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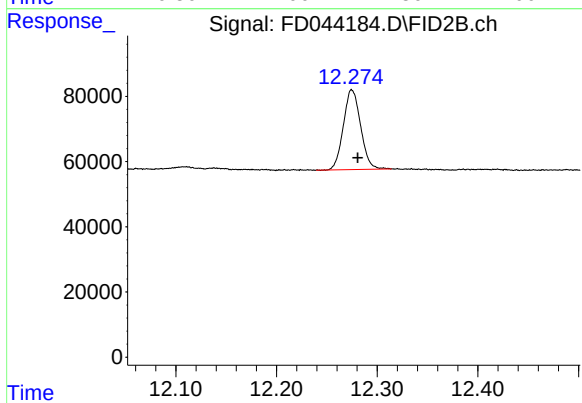
#8 n-Octadecane (C18)

R.T.: 10.977 min
Delta R.T.: -0.006 min
Response: 288173
Conc: 1.98 ug/ml



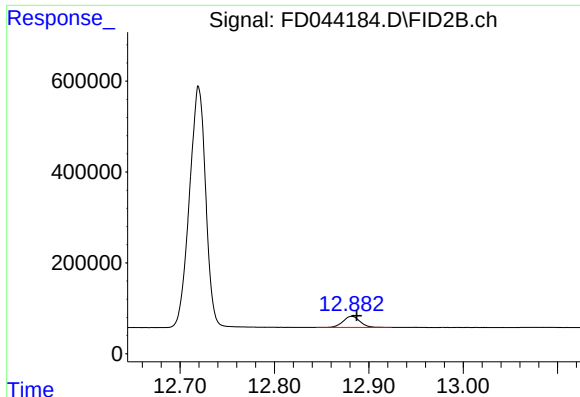
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

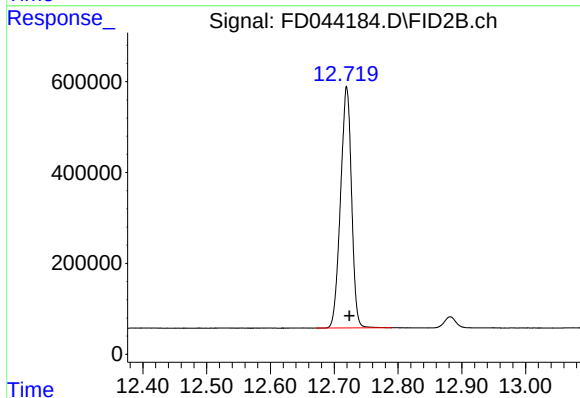
R.T.: 12.275 min
Delta R.T.: -0.006 min
Response: 291093
Conc: 1.96 ug/ml



#11 n-Heneicosane (C21)

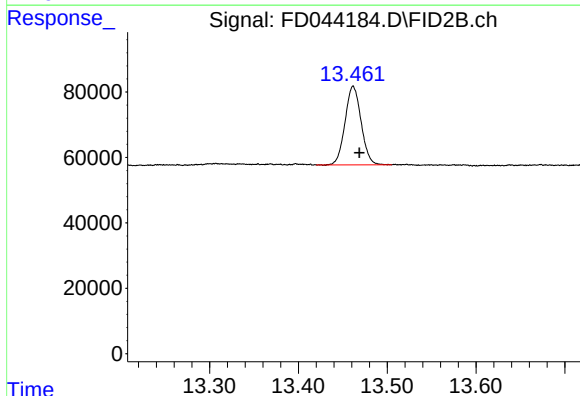
R.T.: 12.882 min
Delta R.T.: -0.005 min
Response: 303855
Conc: 2.03 ug/ml

Instrument :
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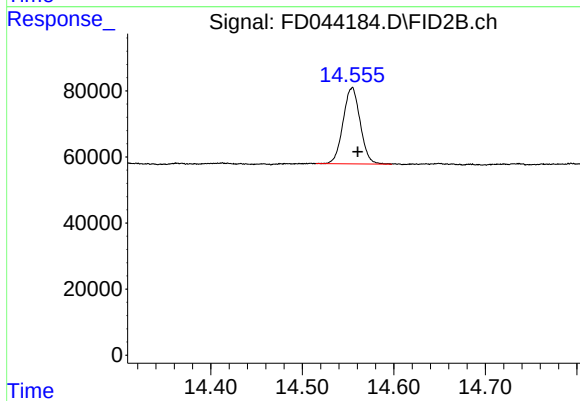
#12 1-chlorooctadecane (SURR)

R.T.: 12.720 min
Delta R.T.: -0.004 min
Response: 6366575
Conc: 50.62 ug/ml



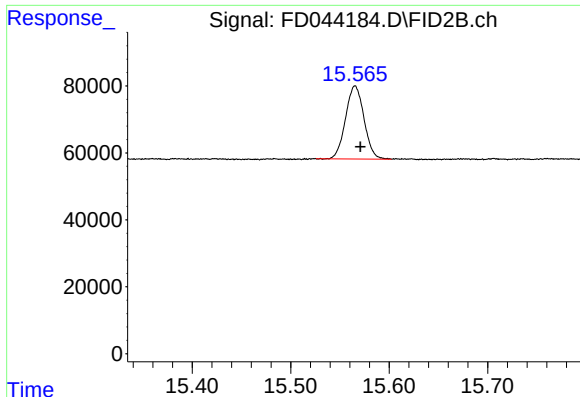
#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.007 min
Response: 301752
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

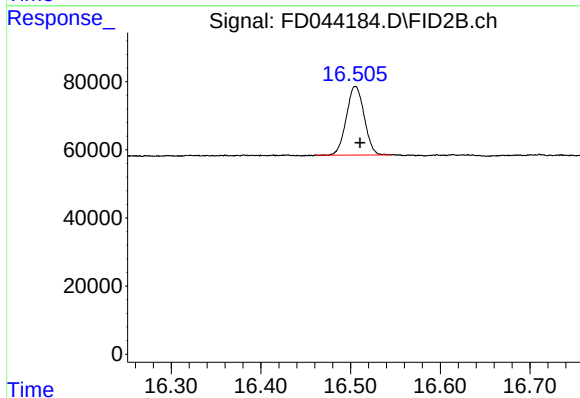
R.T.: 14.554 min
Delta R.T.: -0.006 min
Response: 298461
Conc: 1.98 ug/ml



#15 n-Hexacosane (C26)

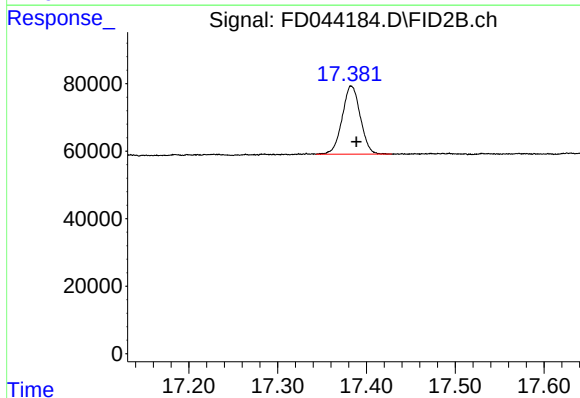
R.T.: 15.565 min
Delta R.T.: -0.005 min
Response: 284817
Conc: 1.88 ug/ml

Instrument :
FID_D
ClientSampleId :
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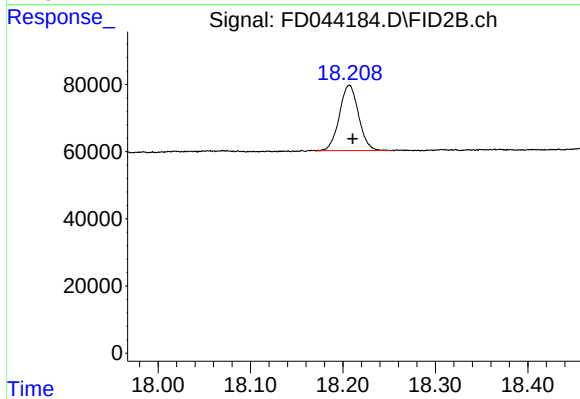
#16 n-Octacosane (C28)

R.T.: 16.505 min
Delta R.T.: -0.005 min
Response: 279547
Conc: 1.86 ug/ml



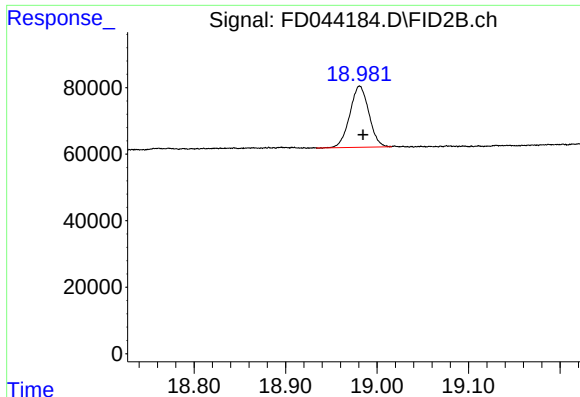
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: -0.006 min
Response: 286196
Conc: 1.87 ug/ml



#18 n-Dotriacontane (C32)

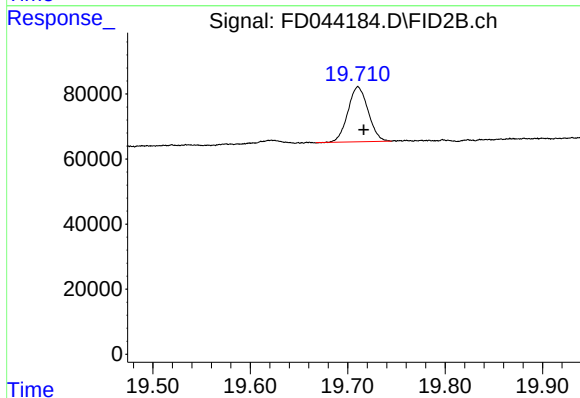
R.T.: 18.207 min
Delta R.T.: -0.003 min
Response: 280835
Conc: 1.83 ug/ml



#19 n-Tetratriacontane (C34)

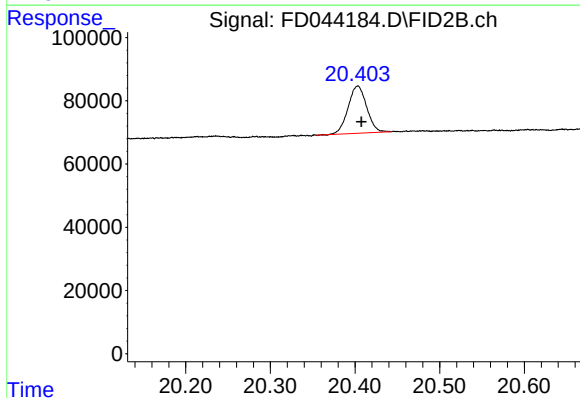
R.T.: 18.981 min
Delta R.T.: -0.004 min
Response: 265304
Conc: 1.80 ug/ml

Instrument :
FID_D
ClientSampleId :
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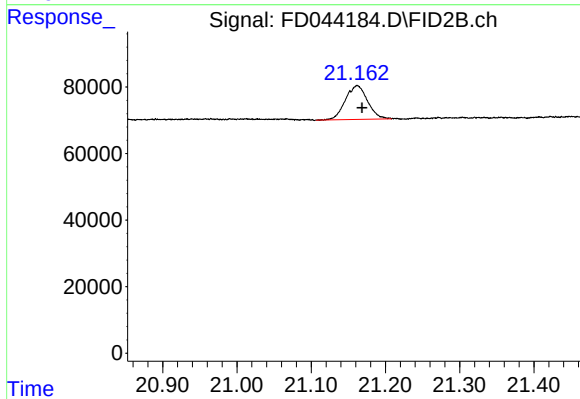
#20 n-Hexatriacontane (C36)

R.T.: 19.711 min
Delta R.T.: -0.006 min
Response: 244017
Conc: 1.66 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.403 min
Delta R.T.: -0.004 min
Response: 227595
Conc: 1.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.162 min
Delta R.T.: -0.006 min
Response: 210224
Conc: 1.62 ug/ml