

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043778.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 14:51
 Operator : YP\AJ
 Sample : 03572-08
 Misc : LOQ 5 PPM
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 01:41:28 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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

System Monitoring Compounds			
12) S 1-chlorooctadecane (S...	13.381	6807570	43.625 ug/ml
Spiked Amount 50.000		Recovery =	87.25%
Target Compounds			
1) T n-Nonane (C9)	3.327	718336	4.448 ug/ml
2) T n-Decane (C10)	4.578	712882	4.325 ug/ml
4) T n-Dodecane (C12)	6.742	742117	4.434 ug/ml
6) T n-Tetradecane (C14)	8.569	775679	4.604 ug/ml
7) T n-Hexadecane (C16)	10.178	773033	4.382 ug/ml
8) T n-Octadecane (C18)	11.622	806168	4.450 ug/ml
10) T n-Eicosane (C20)	12.933	774737	4.378 ug/ml
11) T n-Heneicosane (C21)	13.545	771650	4.358 ug/ml
13) T n-Docosane (C22)	14.132	761384	4.341 ug/ml
14) T n-Tetracosane (C24)	15.236	746509	4.249 ug/ml
15) T n-Hexacosane (C26)	16.258	719755	4.164 ug/ml
16) T n-Octacosane (C28)	17.209	690260	4.125 ug/ml
17) T n-Tricontane (C30)	18.098	669343	4.041 ug/ml
18) T n-Dotriacontane (C32)	18.932	647240	4.099 ug/ml
19) T n-Tetratriacontane (C34)	19.717	618275	4.161 ug/ml
20) T n-Hexatriacontane (C36)	20.460	589569	4.218 ug/ml
21) T n-Octatriacontane (C38)	21.203	569101	4.266 ug/ml
22) T n-Tetracontane (C40)	22.124	644391	4.994 ug/ml

(f)=RT Delta > 1/2 Window

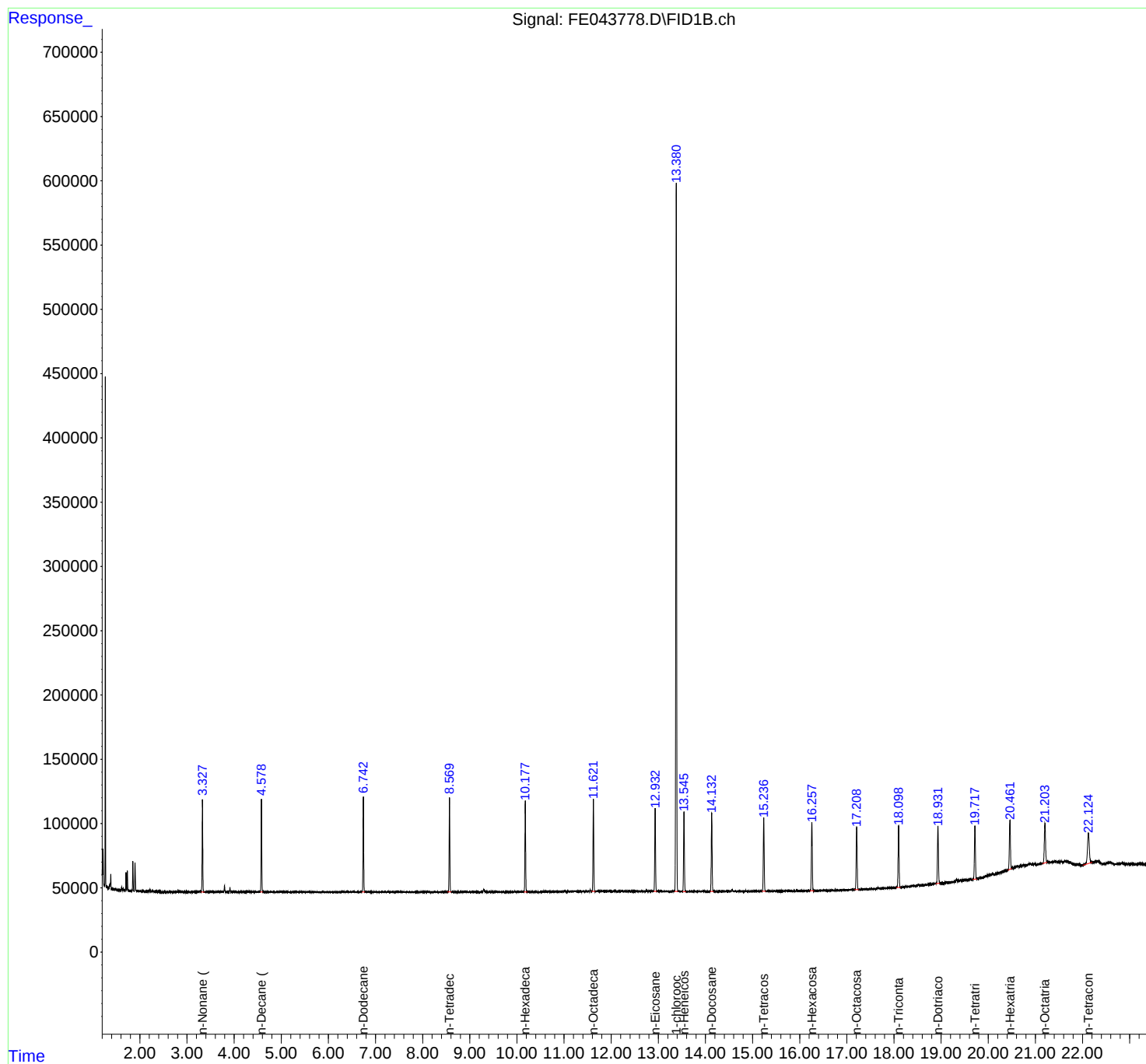
(m)=manual int.

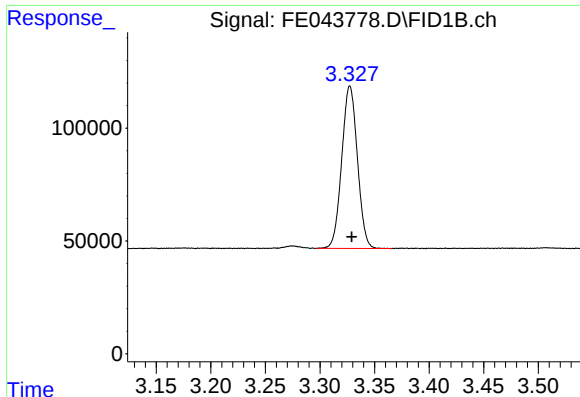
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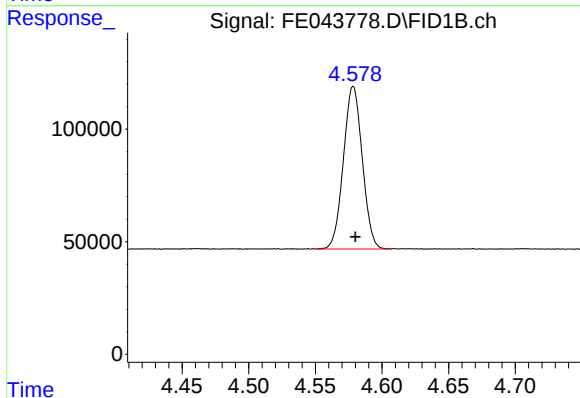




#1 n-Nonane (C9)

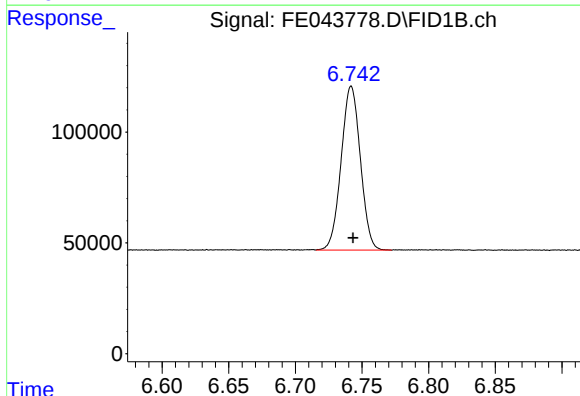
R.T.: 3.327 min
Delta R.T.: -0.002 min
Response: 718336
Conc: 4.45 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT3-2023



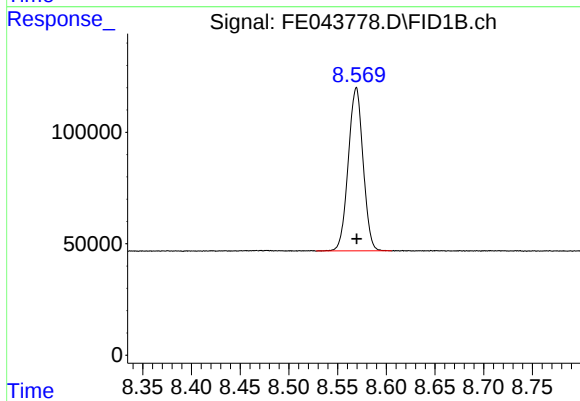
#2 n-Decane (C10)

R.T.: 4.578 min
Delta R.T.: -0.001 min
Response: 712882
Conc: 4.33 ug/ml



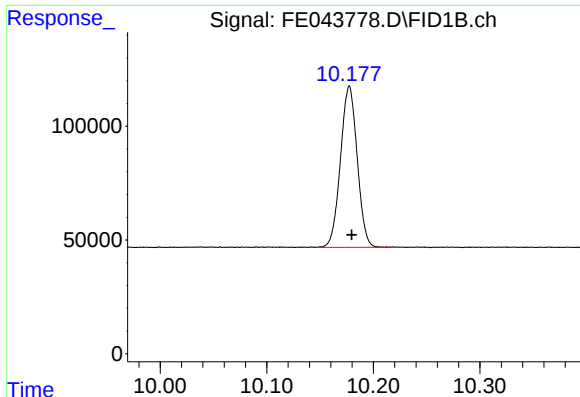
#4 n-Dodecane (C12)

R.T.: 6.742 min
Delta R.T.: -0.001 min
Response: 742117
Conc: 4.43 ug/ml



#6 n-Tetradecane (C14)

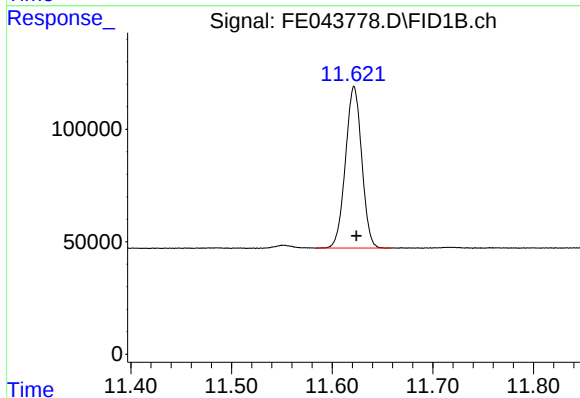
R.T.: 8.569 min
Delta R.T.: 0.000 min
Response: 775679
Conc: 4.60 ug/ml



#7 n-Hexadecane (C16)

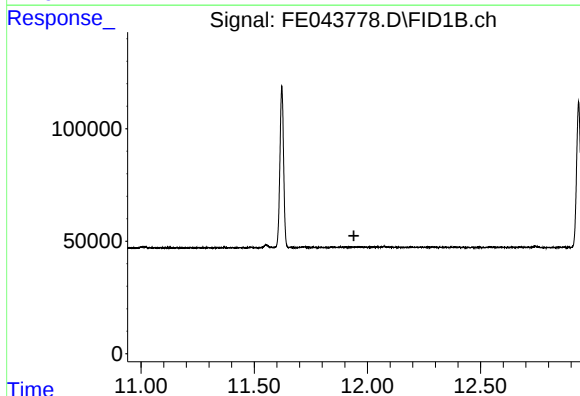
R.T.: 10.178 min
Delta R.T.: -0.002 min
Response: 773033
Conc: 4.38 ug/ml

Instrument :
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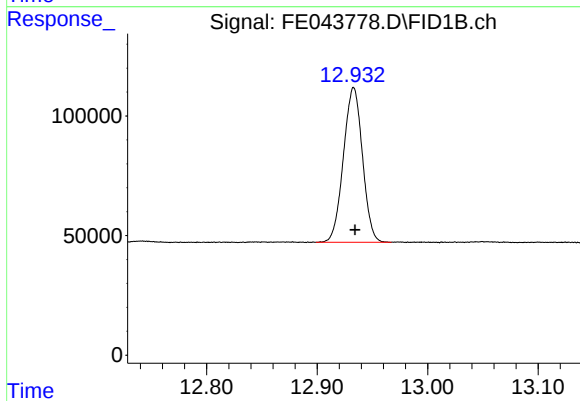
#8 n-Octadecane (C18)

R.T.: 11.622 min
Delta R.T.: -0.002 min
Response: 806168
Conc: 4.45 ug/ml



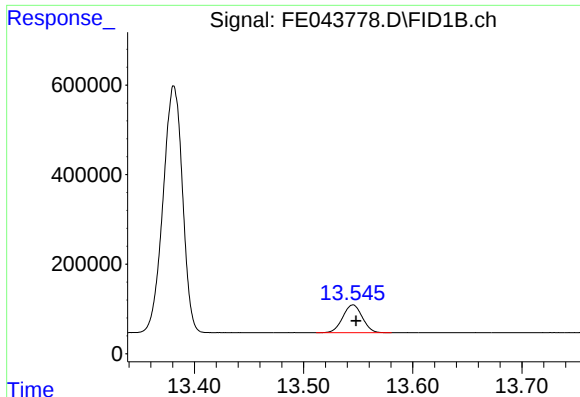
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

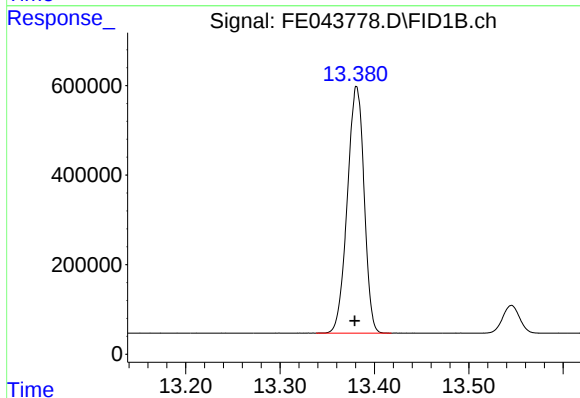
R.T.: 12.933 min
Delta R.T.: -0.001 min
Response: 774737
Conc: 4.38 ug/ml



#11 n-Heneicosane (C21)

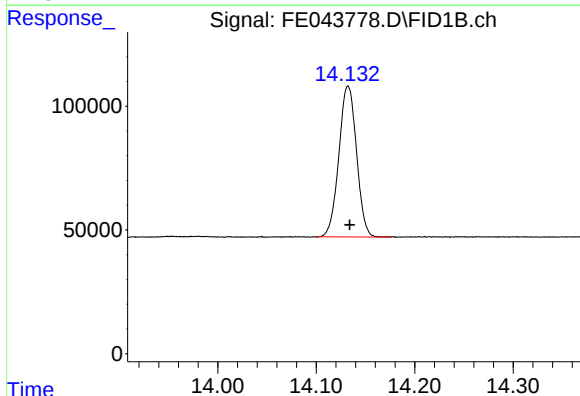
R.T.: 13.545 min
Delta R.T.: -0.003 min
Response: 771650
Conc: 4.36 ug/ml

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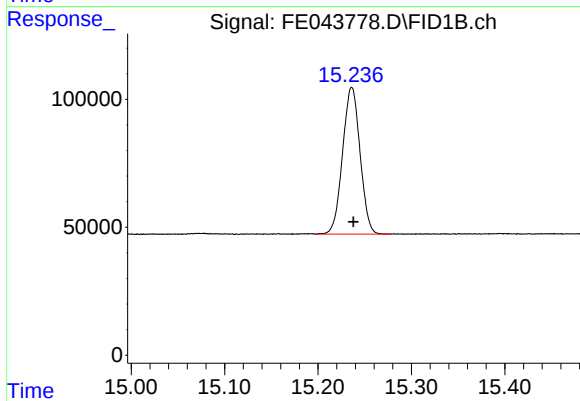
#12 1-chlorooctadecane (SURR)

R.T.: 13.381 min
Delta R.T.: 0.002 min
Response: 6807570
Conc: 43.63 ug/ml



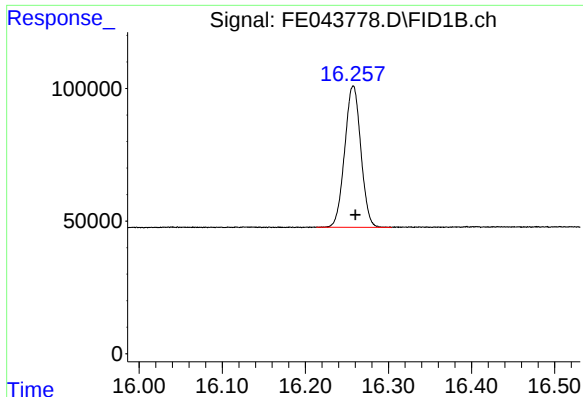
#13 n-Docosane (C22)

R.T.: 14.132 min
Delta R.T.: -0.002 min
Response: 761384
Conc: 4.34 ug/ml



#14 n-Tetracosane (C24)

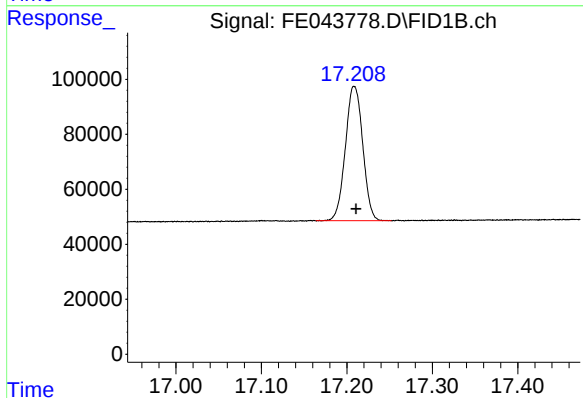
R.T.: 15.236 min
Delta R.T.: -0.002 min
Response: 746509
Conc: 4.25 ug/ml



#15 n-Hexacosane (C26)

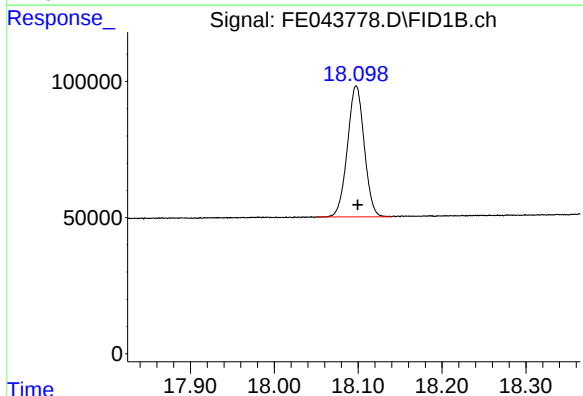
R.T.: 16.258 min
Delta R.T.: -0.003 min
Response: 719755
Conc: 4.16 ug/ml

Instrument :
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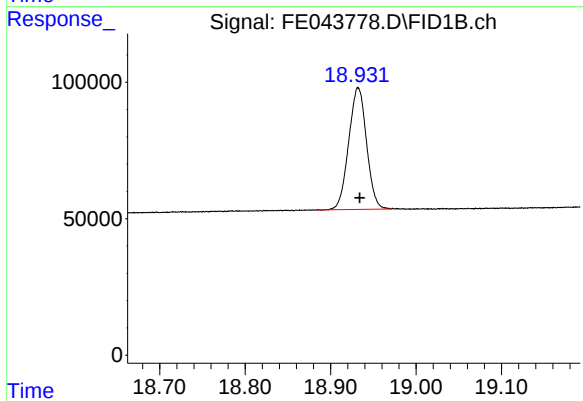
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.002 min
Response: 690260
Conc: 4.13 ug/ml



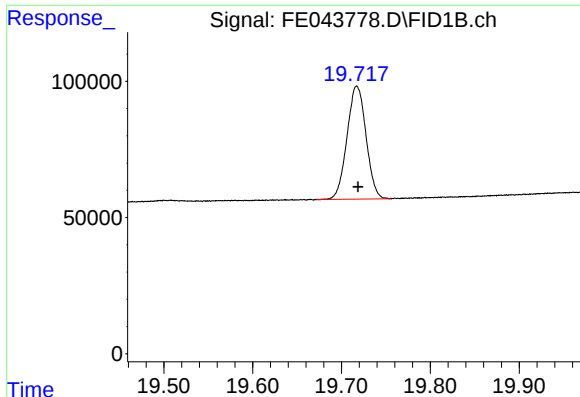
#17 n-Tricontane (C30)

R.T.: 18.098 min
Delta R.T.: -0.002 min
Response: 669343
Conc: 4.04 ug/ml



#18 n-Dotriacontane (C32)

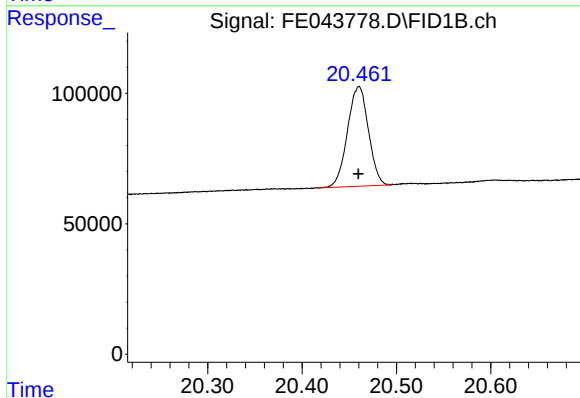
R.T.: 18.932 min
Delta R.T.: -0.002 min
Response: 647240
Conc: 4.10 ug/ml



#19 n-Tetratriacontane (C34)

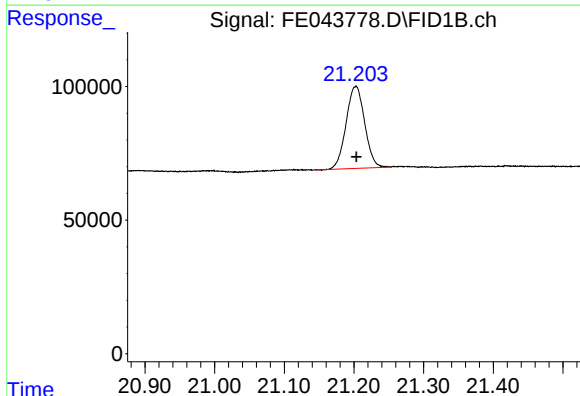
R.T.: 19.717 min
Delta R.T.: -0.002 min
Response: 618275
Conc: 4.16 ug/ml

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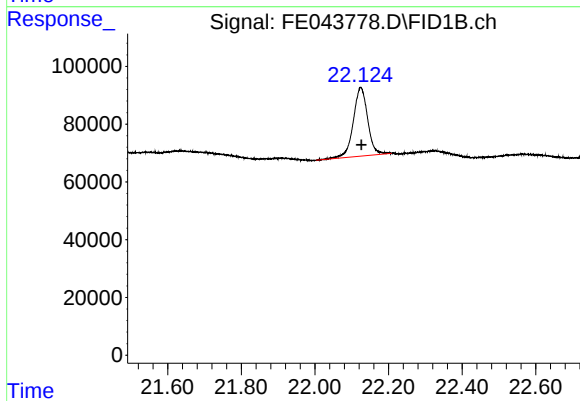
#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 589569
Conc: 4.22 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 569101
Conc: 4.27 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.124 min
Delta R.T.: -0.002 min
Response: 644391
Conc: 4.99 ug/ml