

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080723AL\
 Data File : FE043772.D
 Signal(s) : FID1B.ch
 Acq On : 07 Aug 2023 11:47
 Operator : YP\AJ
 Sample : 03572-01
 Misc : LOD 2.5 PPM
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2023

Integration File: autoint1.e
 Quant Time: Aug 08 01:37:35 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...	13.383	6885359	44.124 ug/ml
Spiked Amount 50.000		Recovery =	88.25%
Target Compounds			
1) T n-Nonane (C9)	3.329	382383	2.368 ug/ml
2) T n-Decane (C10)	4.580	381108	2.312 ug/ml
4) T n-Dodecane (C12)	6.743	395031	2.360 ug/ml
6) T n-Tetradecane (C14)	8.570	417472	2.478 ug/ml
7) T n-Hexadecane (C16)	10.179	410720	2.328 ug/ml
8) T n-Octadecane (C18)	11.623	433449	2.393 ug/ml
10) T n-Eicosane (C20)	12.934	416785	2.355 ug/ml
11) T n-Heneicosane (C21)	13.547	414377	2.340 ug/ml
13) T n-Docosane (C22)	14.133	407696	2.324 ug/ml
14) T n-Tetracosane (C24)	15.236	399469	2.274 ug/ml
15) T n-Hexacosane (C26)	16.258	384334	2.224 ug/ml
16) T n-Octacosane (C28)	17.209	370483	2.214 ug/ml
17) T n-Tricontane (C30)	18.099	360563	2.177 ug/ml
18) T n-Dotriacontane (C32)	18.933	351659	2.227 ug/ml
19) T n-Tetratriacontane (C34)	19.717	334928	2.254 ug/ml
20) T n-Hexatriacontane (C36)	20.460	316692	2.266 ug/ml
21) T n-Octatriacontane (C38)	21.203	295469	2.215 ug/ml
22) T n-Tetracontane (C40)	22.126	249396	1.933 ug/ml

(f)=RT Delta > 1/2 Window

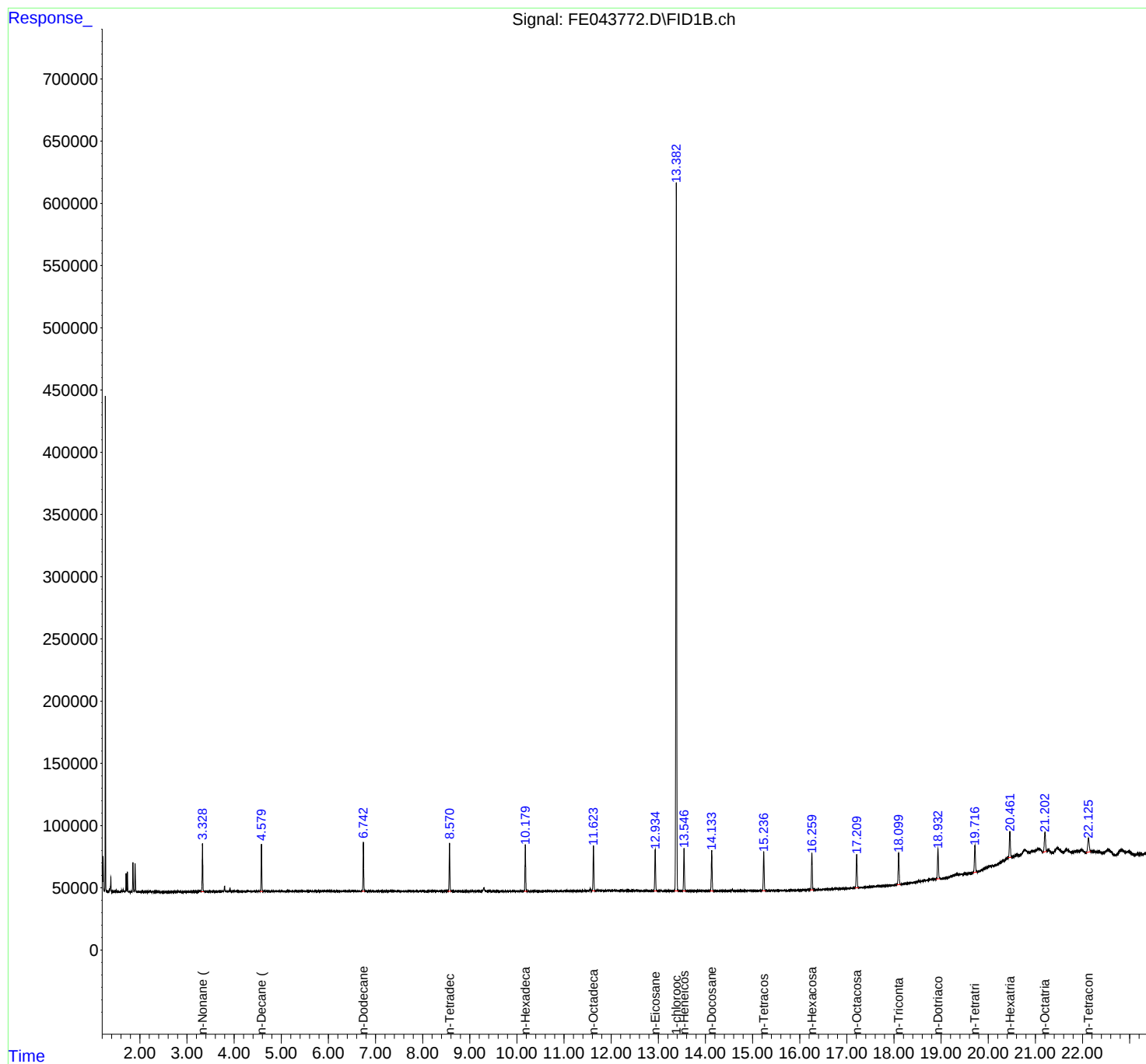
(m)=manual int.

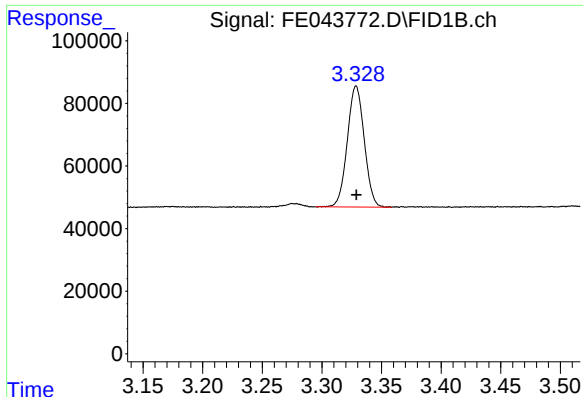
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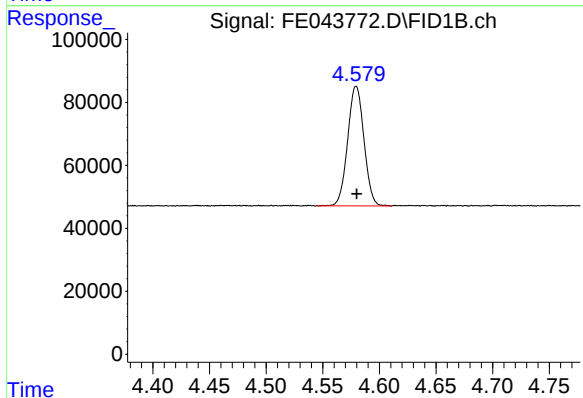




#1 n-Nonane (C9)

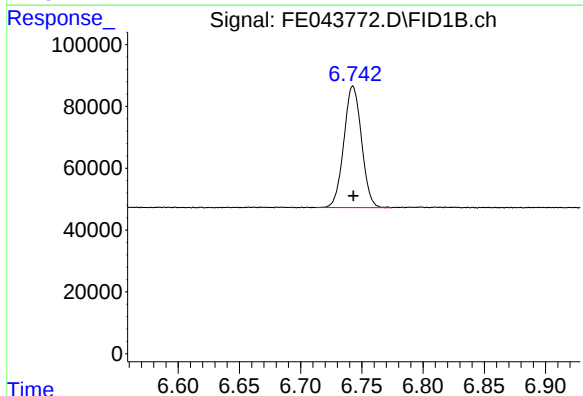
R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 382383
Conc: 2.37 ug/ml

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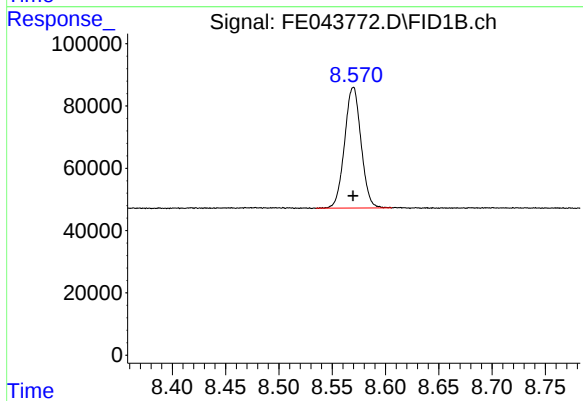
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 381108
Conc: 2.31 ug/ml



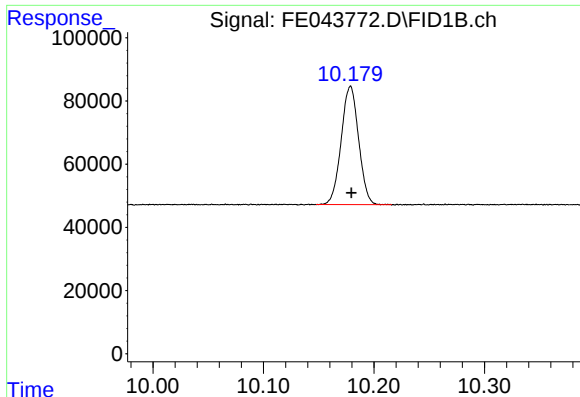
#4 n-Dodecane (C12)

R.T.: 6.743 min
Delta R.T.: 0.000 min
Response: 395031
Conc: 2.36 ug/ml



#6 n-Tetradecane (C14)

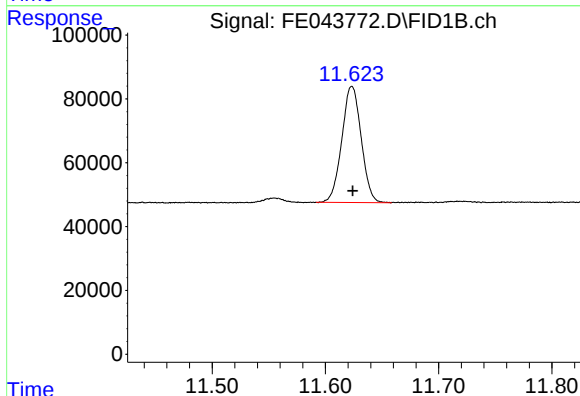
R.T.: 8.570 min
Delta R.T.: 0.000 min
Response: 417472
Conc: 2.48 ug/ml



#7 n-Hexadecane (C16)

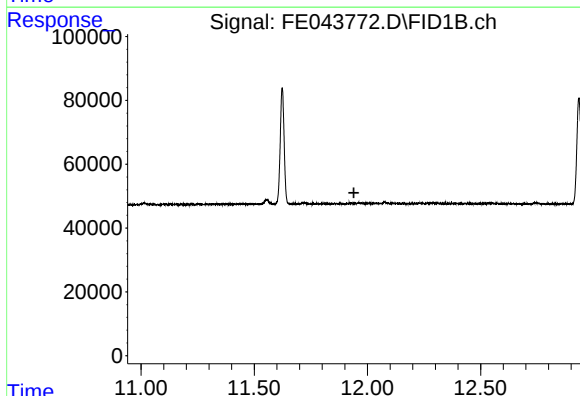
R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 410720
Conc: 2.33 ug/ml

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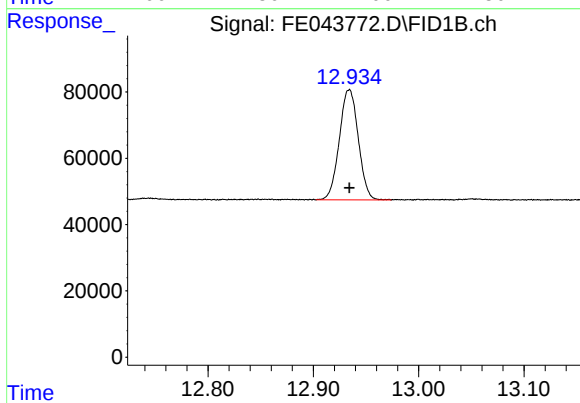
#8 n-Octadecane (C18)

R.T.: 11.623 min
Delta R.T.: 0.000 min
Response: 433449
Conc: 2.39 ug/ml



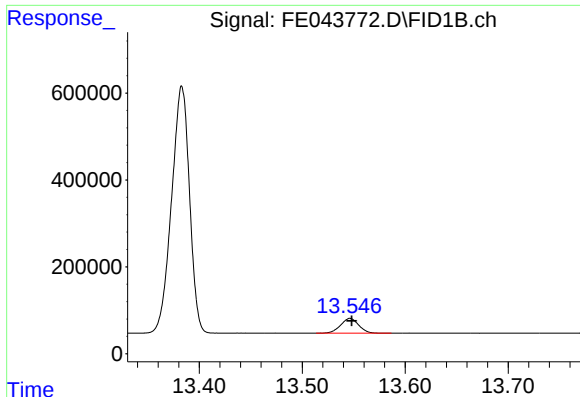
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

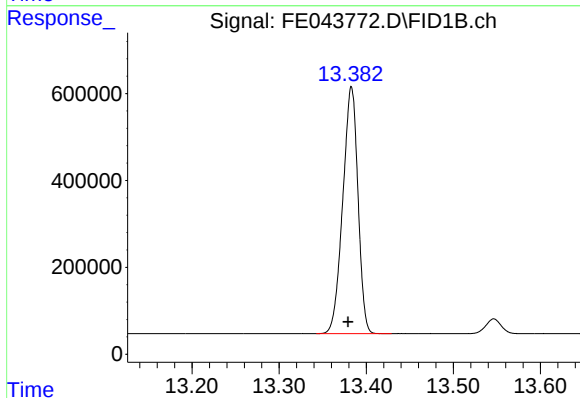
R.T.: 12.934 min
Delta R.T.: 0.000 min
Response: 416785
Conc: 2.36 ug/ml



#11 n-Heneicosane (C21)

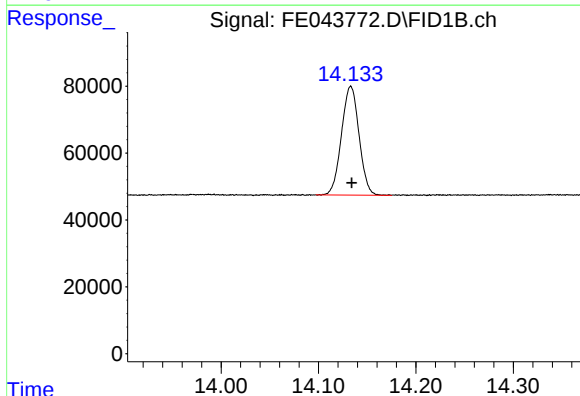
R.T.: 13.547 min
Delta R.T.: -0.001 min
Response: 414377
Conc: 2.34 ug/ml

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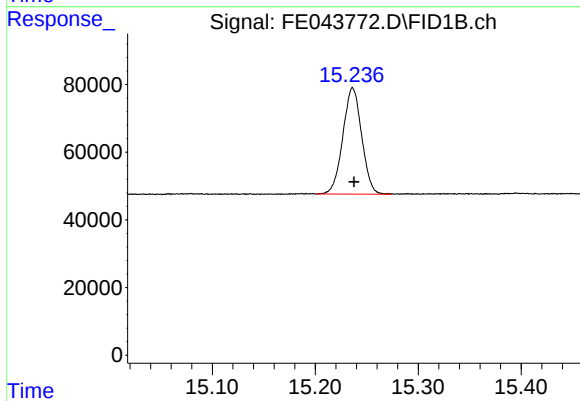
#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 6885359
Conc: 44.12 ug/ml



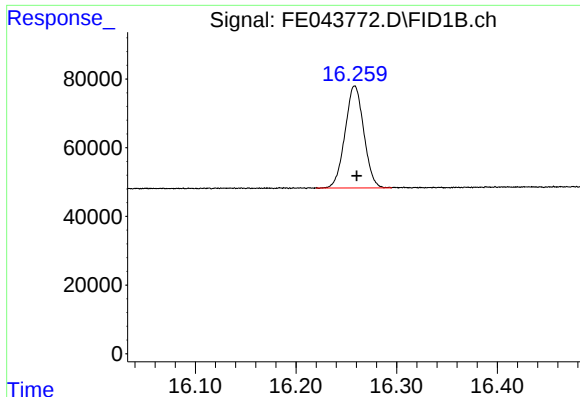
#13 n-Docosane (C22)

R.T.: 14.133 min
Delta R.T.: 0.000 min
Response: 407696
Conc: 2.32 ug/ml



#14 n-Tetracosane (C24)

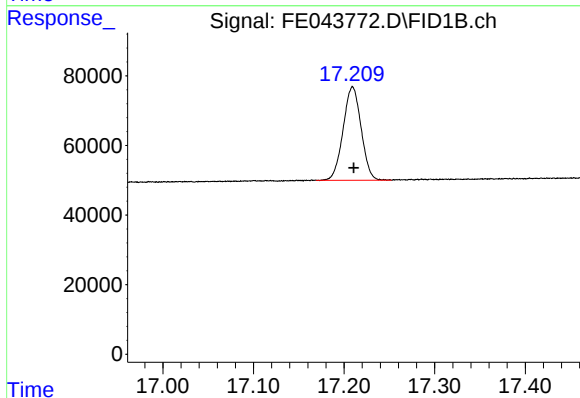
R.T.: 15.236 min
Delta R.T.: -0.001 min
Response: 399469
Conc: 2.27 ug/ml



#15 n-Hexacosane (C26)

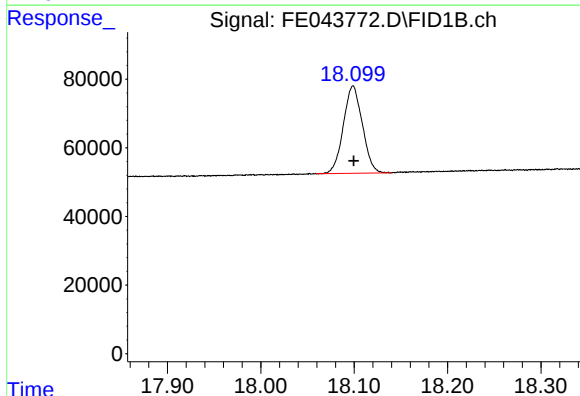
R.T.: 16.258 min
Delta R.T.: -0.002 min
Response: 384334
Conc: 2.22 ug/ml

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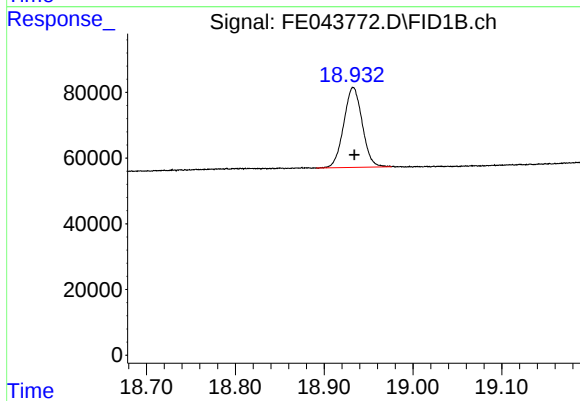
#16 n-Octacosane (C28)

R.T.: 17.209 min
Delta R.T.: -0.001 min
Response: 370483
Conc: 2.21 ug/ml



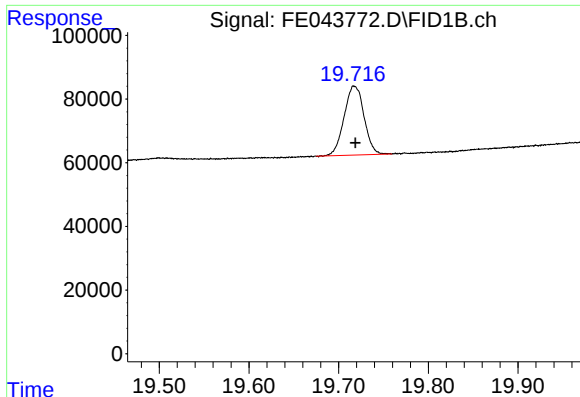
#17 n-Tricontane (C30)

R.T.: 18.099 min
Delta R.T.: 0.000 min
Response: 360563
Conc: 2.18 ug/ml



#18 n-Dotriacontane (C32)

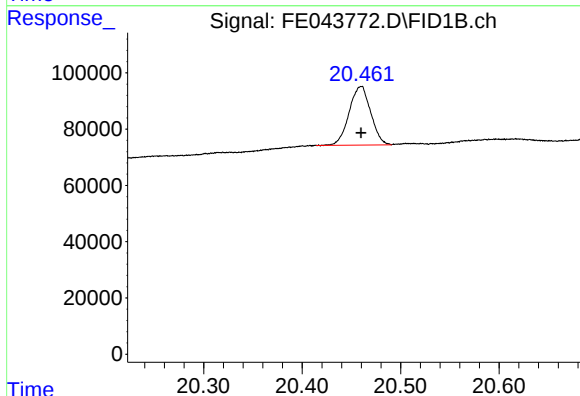
R.T.: 18.933 min
Delta R.T.: -0.001 min
Response: 351659
Conc: 2.23 ug/ml



#19 n-Tetratriacontane (C34)

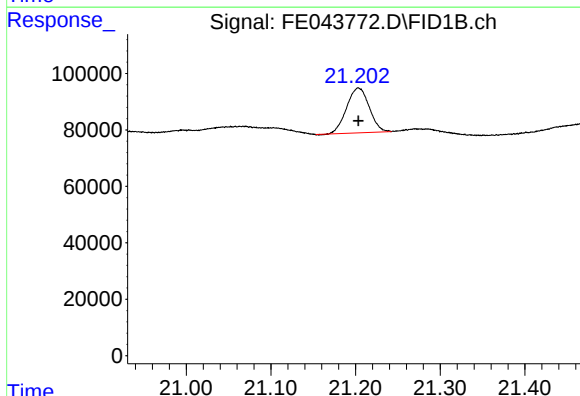
R.T.: 19.717 min
Delta R.T.: -0.001 min
Response: 334928
Conc: 2.25 ug/ml

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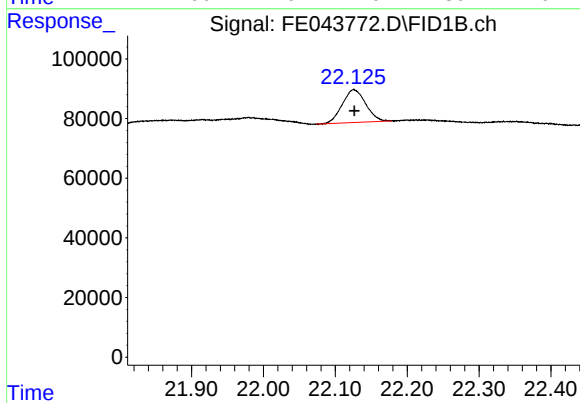
#20 n-Hexatriacontane (C36)

R.T.: 20.460 min
Delta R.T.: 0.000 min
Response: 316692
Conc: 2.27 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.203 min
Delta R.T.: 0.000 min
Response: 295469
Conc: 2.21 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.126 min
Delta R.T.: -0.001 min
Response: 249396
Conc: 1.93 ug/ml