

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054336.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 13:10
 Operator : YP\AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 13 01:15:50 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 10 07:24:04 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			
12) S 1-chlorooctadecane (S...	13.274	5871394	48.146 ug/ml
Spiked Amount 50.000		Recovery =	96.29%
Target Compounds			
1) T n-Nonane (C9)	3.177	320415	2.580 ug/ml
2) T n-Decane (C10)	4.440	388990	3.131 ug/ml
4) T n-Dodecane (C12)	6.622	439612	3.452 ug/ml
6) T n-Tetradecane (C14)	8.456	507838	3.923 ug/ml
7) T n-Hexadecane (C16)	10.068	529287	3.984 ug/ml
8) T n-Octadecane (C18)	11.514	578794	4.286 ug/ml
10) T n-Eicosane (C20)	12.825	616961	4.612 ug/ml
11) T n-Heneicosane (C21)	13.438	597057	4.490 ug/ml
13) T n-Docosane (C22)	14.026	594368	4.533 ug/ml
14) T n-Tetracosane (C24)	15.131	603092	4.675 ug/ml
15) T n-Hexacosane (C26)	16.155	565747	4.507 ug/ml
16) T n-Octacosane (C28)	17.105	558270	4.552 ug/ml
17) T n-Tricontane (C30)	17.995	588933	4.752 ug/ml
18) T n-Dotriacontane (C32)	18.828	608045	4.839 ug/ml
19) T n-Tetratriacontane (C34)	19.612	586934	4.718 ug/ml
20) T n-Hexatriacontane (C36)	20.353	565838	4.396 ug/ml
21) T n-Octatriacontane (C38)	21.081	566335	4.289 ug/ml
22) T n-Tetracontane (C40)	21.968	542755	4.029 ug/ml

(f)=RT Delta > 1/2 Window

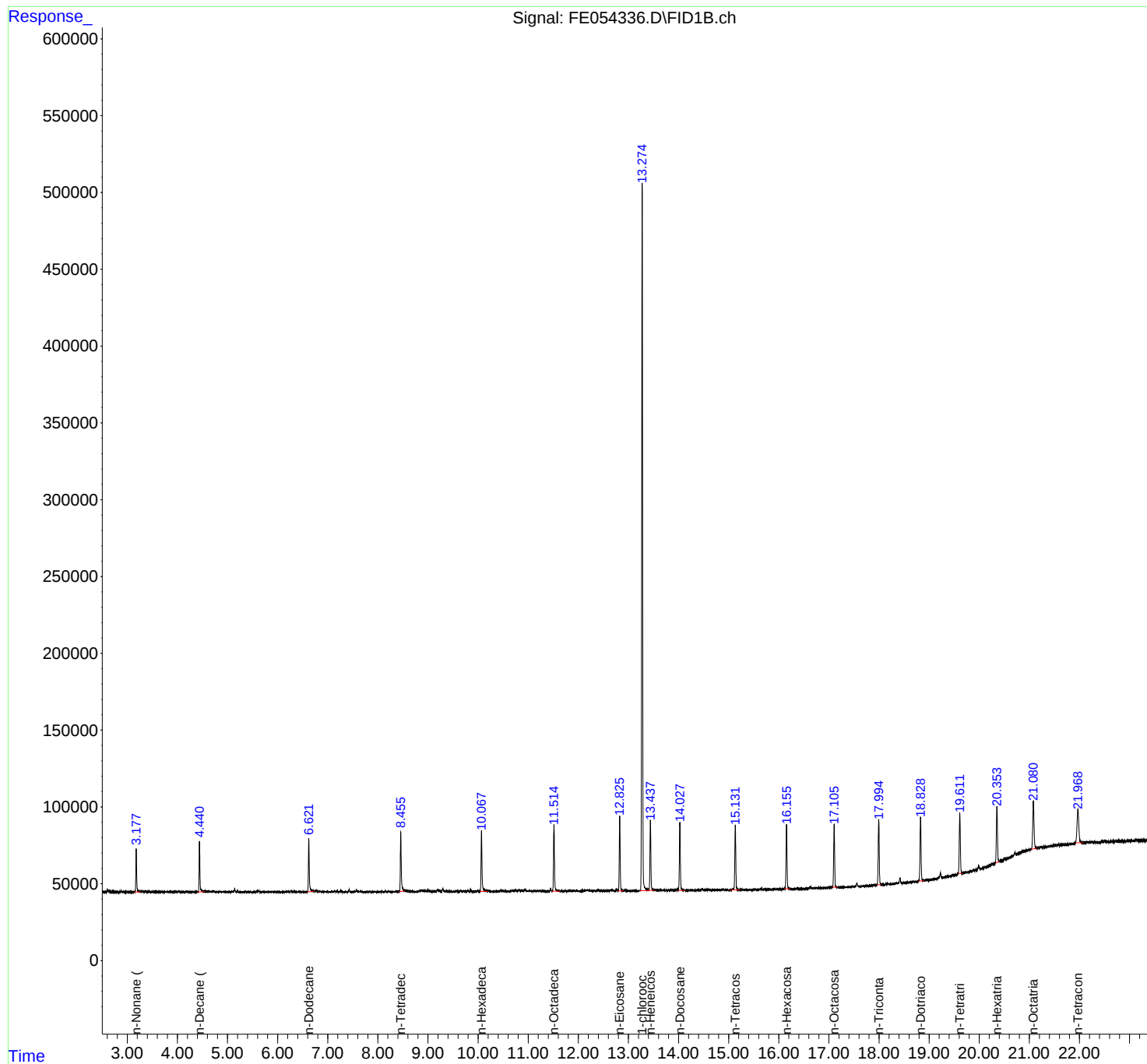
(m)=manual int.

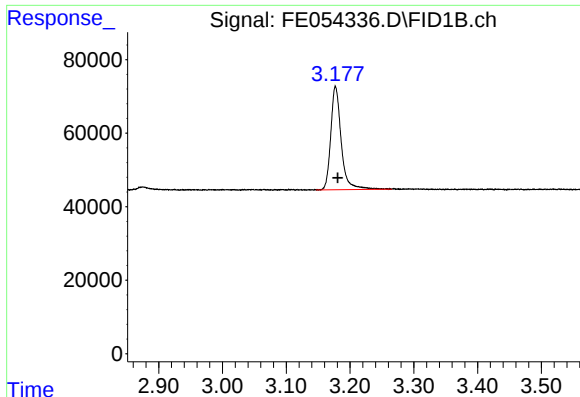
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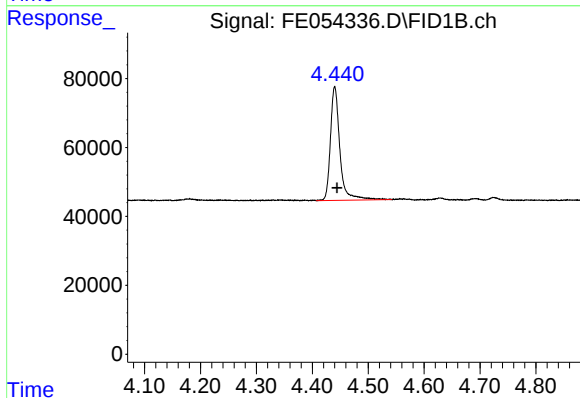




#1 n-Nonane (C9)

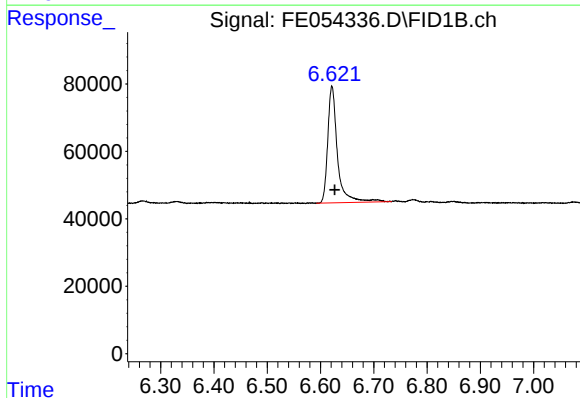
R.T.: 3.177 min
Delta R.T.: -0.004 min
Response: 320415
Conc: 2.58 ug/ml

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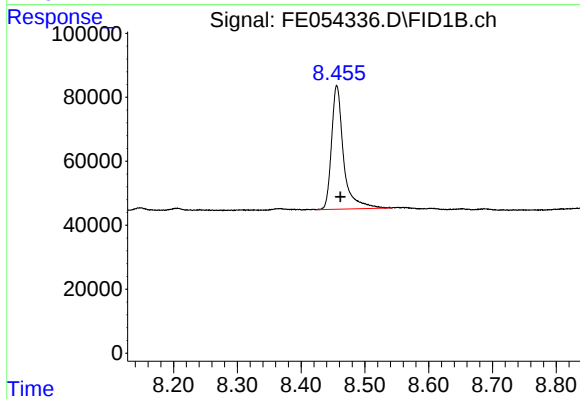
#2 n-Decane (C10)

R.T.: 4.440 min
Delta R.T.: -0.004 min
Response: 388990
Conc: 3.13 ug/ml



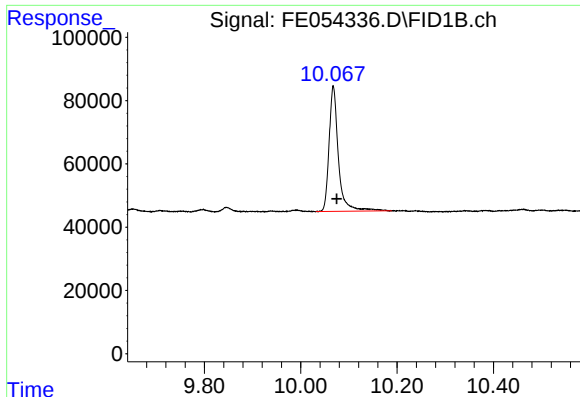
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 439612
Conc: 3.45 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.456 min
Delta R.T.: -0.005 min
Response: 507838
Conc: 3.92 ug/ml



#7 n-Hexadecane (C16)

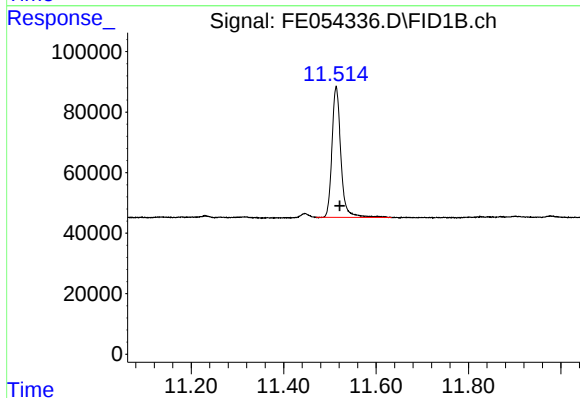
R.T.: 10.068 min
Delta R.T.: -0.007 min
Response: 529287
Conc: 3.98 ug/ml

Instrument :

FID_E

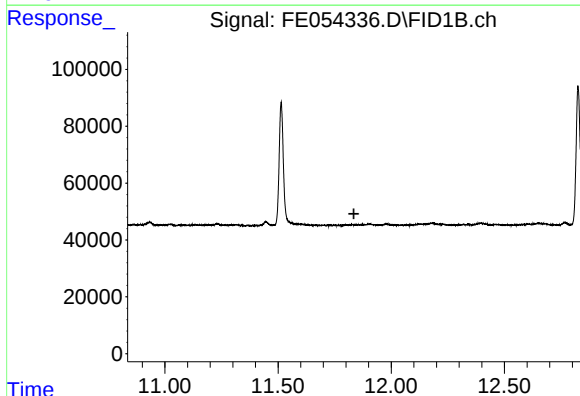
ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



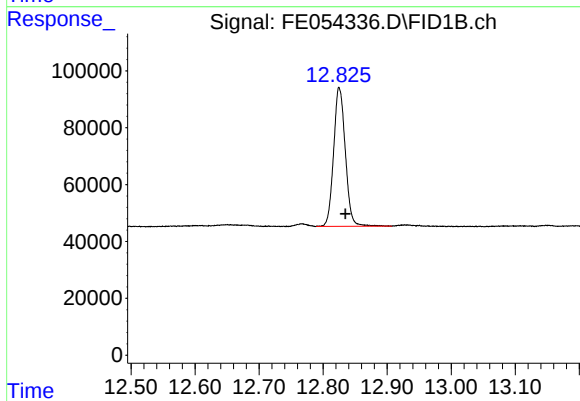
#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 578794
Conc: 4.29 ug/ml



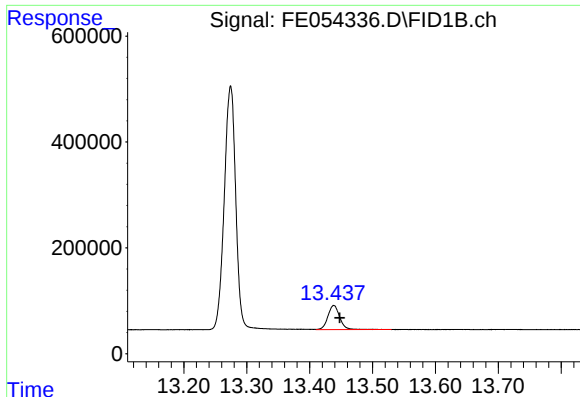
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.835 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.825 min
Delta R.T.: -0.009 min
Response: 616961
Conc: 4.61 ug/ml



#11 n-Heneicosane (C21)

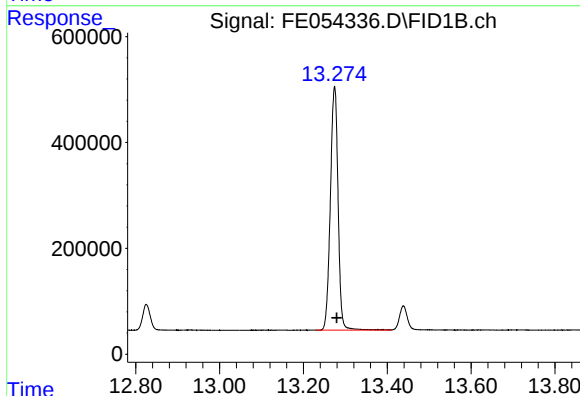
R.T.: 13.438 min
Delta R.T.: -0.009 min
Response: 597057
Conc: 4.49 ug/ml

Instrument :

FID_E

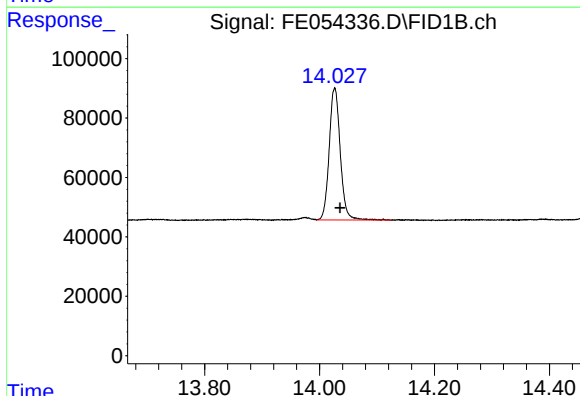
ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



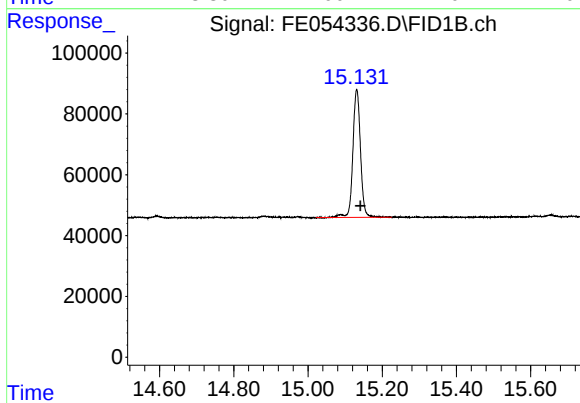
#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.005 min
Response: 5871394
Conc: 48.15 ug/ml



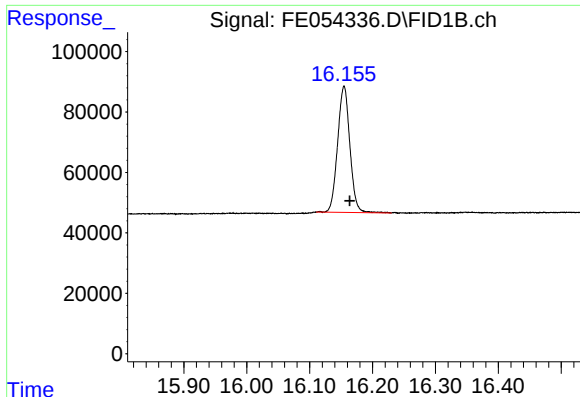
#13 n-Docosane (C22)

R.T.: 14.026 min
Delta R.T.: -0.009 min
Response: 594368
Conc: 4.53 ug/ml



#14 n-Tetracosane (C24)

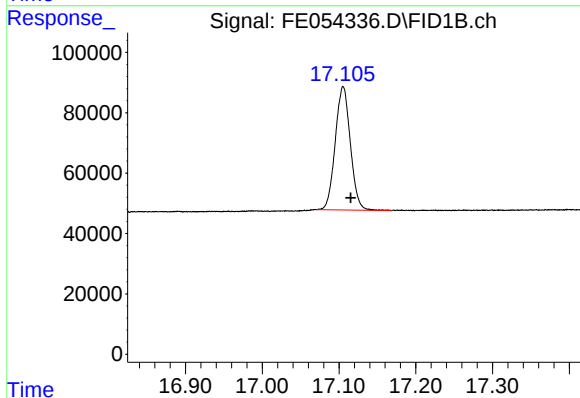
R.T.: 15.131 min
Delta R.T.: -0.010 min
Response: 603092
Conc: 4.68 ug/ml



#15 n-Hexacosane (C26)

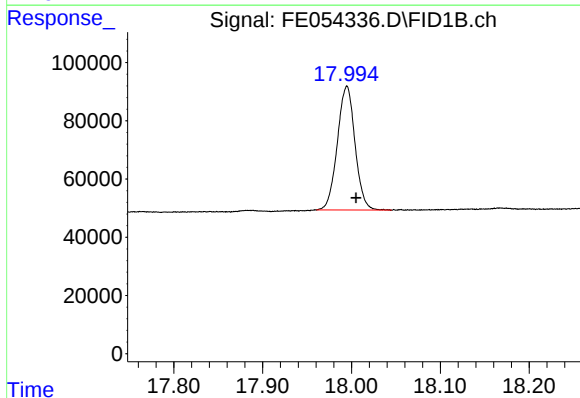
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 565747
Conc: 4.51 ug/ml

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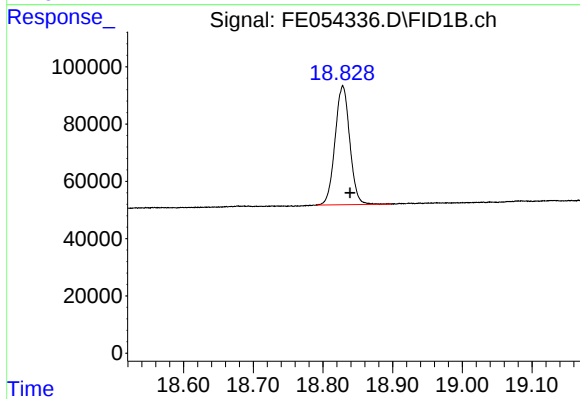
#16 n-Octacosane (C28)

R.T.: 17.105 min
Delta R.T.: -0.010 min
Response: 558270
Conc: 4.55 ug/ml



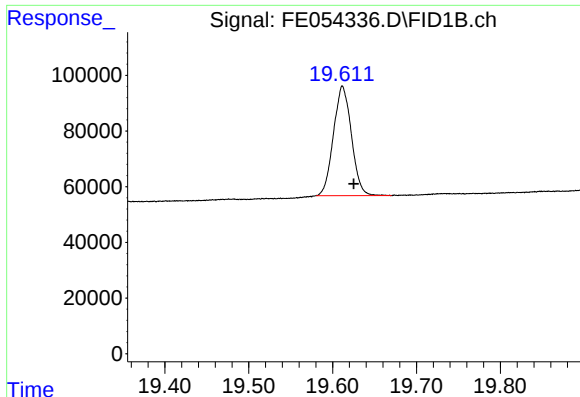
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.011 min
Response: 588933
Conc: 4.75 ug/ml



#18 n-Dotriacontane (C32)

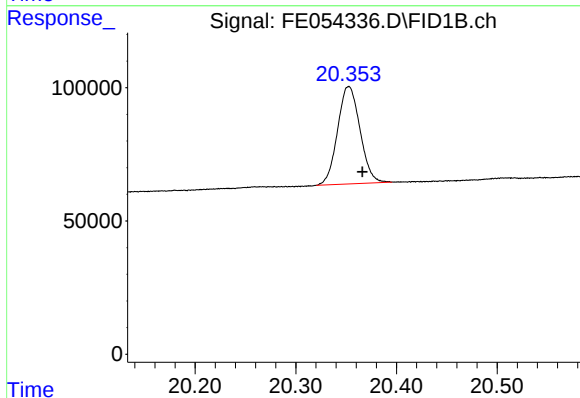
R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 608045
Conc: 4.84 ug/ml



#19 n-Tetratriacontane (C34)

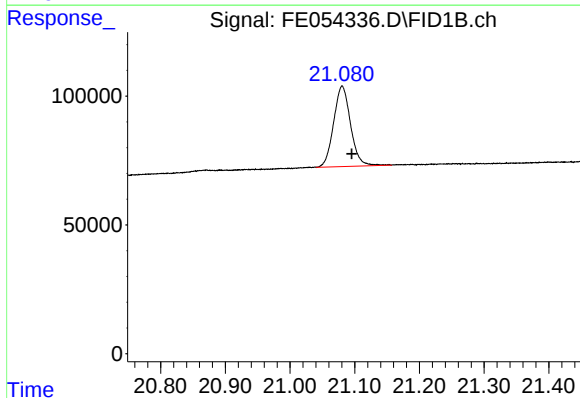
R.T.: 19.612 min
Delta R.T.: -0.013 min
Response: 586934
Conc: 4.72 ug/ml

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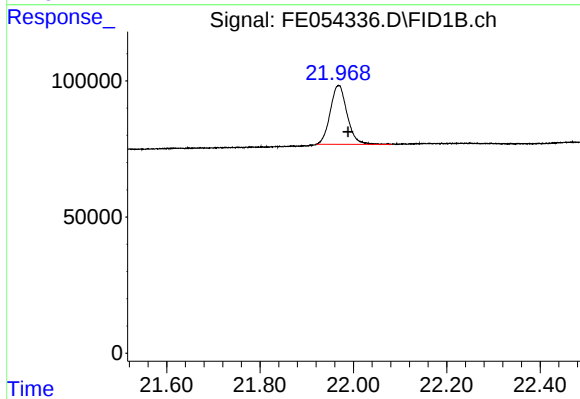
#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.014 min
Response: 565838
Conc: 4.40 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.015 min
Response: 566335
Conc: 4.29 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.968 min
Delta R.T.: -0.020 min
Response: 542755
Conc: 4.03 ug/ml