

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054332.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 11:09
 Operator : YP\AJ
 Sample : Q2126-01
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 13 01:14:25 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	4741636	38.882 ug/ml
Spiked Amount 50.000		Recovery =	77.76%
Target Compounds			
1) T n-Nonane (C9)	3.179	151712	1.222 ug/ml
2) T n-Decane (C10)	4.441	179803	1.447 ug/ml
4) T n-Dodecane (C12)	6.622	199886	1.570 ug/ml
6) T n-Tetradecane (C14)	8.457	261690	2.021 ug/ml
7) T n-Hexadecane (C16)	10.069	244865	1.843 ug/ml
8) T n-Octadecane (C18)	11.514	283569	2.100 ug/ml
10) T n-Eicosane (C20)	12.826	310454	2.321 ug/ml
11) T n-Heneicosane (C21)	13.439	303172	2.280 ug/ml
13) T n-Docosane (C22)	14.028	300497	2.292 ug/ml
14) T n-Tetracosane (C24)	15.133	309348	2.398 ug/ml
15) T n-Hexacosane (C26)	16.155	278425	2.218 ug/ml
16) T n-Octacosane (C28)	17.106	277301	2.261 ug/ml
17) T n-Tricontane (C30)	17.995	296151	2.389 ug/ml
18) T n-Dotriacontane (C32)	18.828	310637	2.472 ug/ml
19) T n-Tetratriacontane (C34)	19.613	293718	2.361 ug/ml
20) T n-Hexatriacontane (C36)	20.354	285064	2.214 ug/ml
21) T n-Octatriacontane (C38)	21.081	272882	2.067 ug/ml
22) T n-Tetracontane (C40)	21.970	265651	1.972 ug/ml

(f)=RT Delta > 1/2 Window

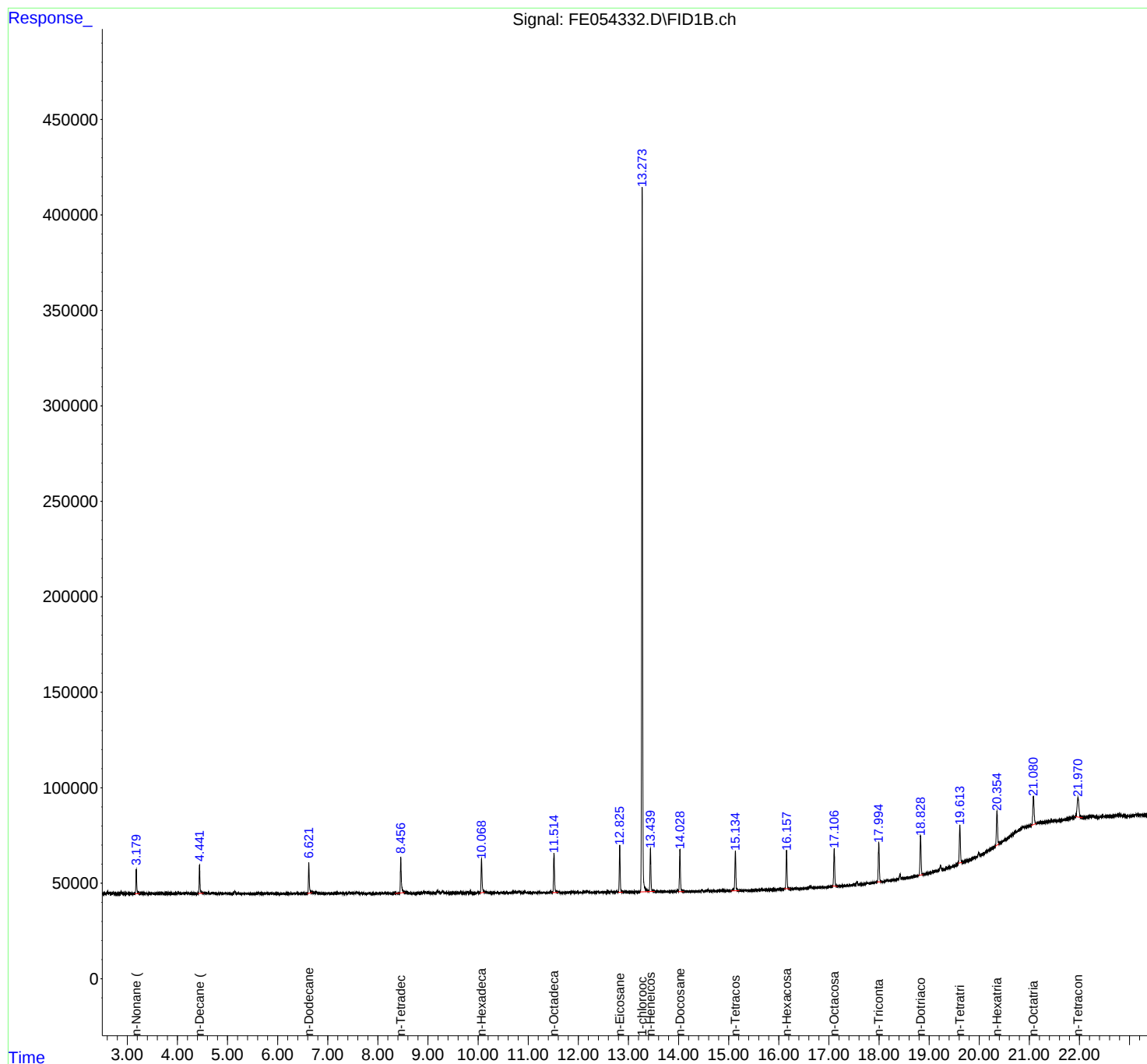
(m)=manual int.

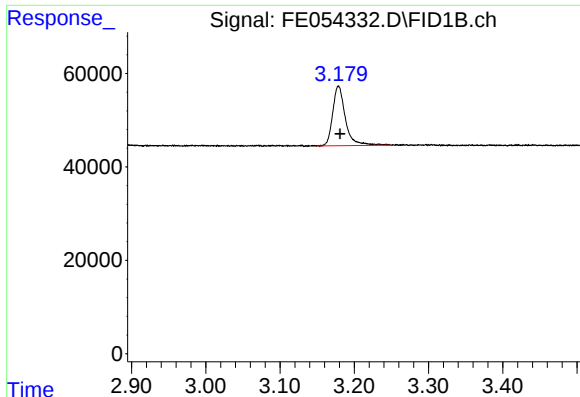
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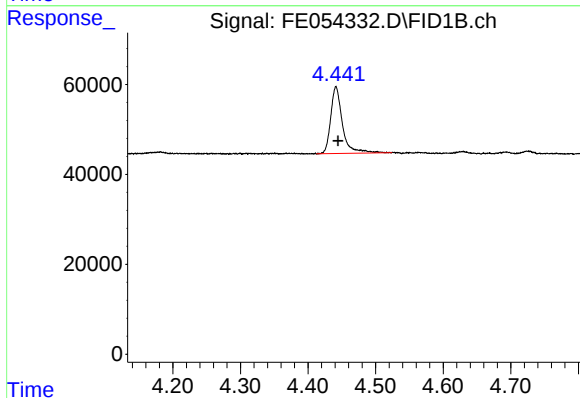




#1 n-Nonane (C9)

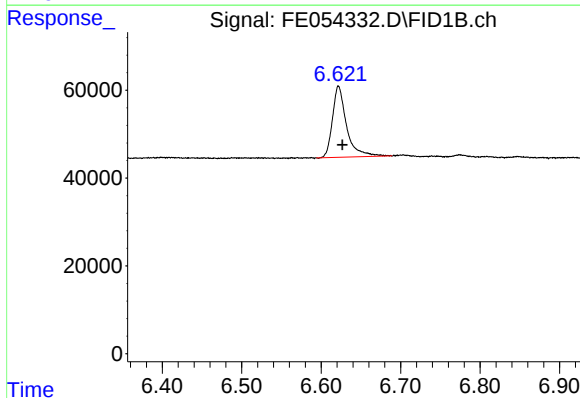
R.T.: 3.179 min
Delta R.T.: -0.002 min
Response: 151712
Conc: 1.22 ug/ml

Instrument :
FID_E
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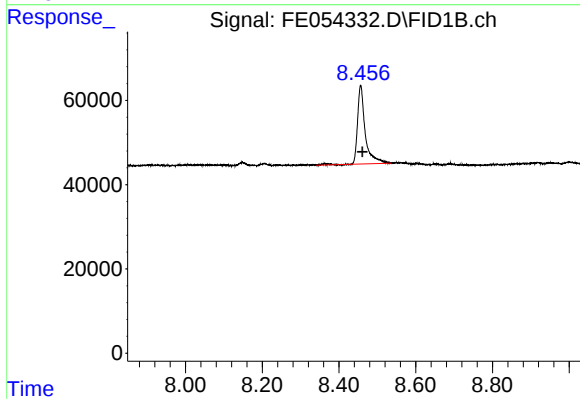
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 179803
Conc: 1.45 ug/ml



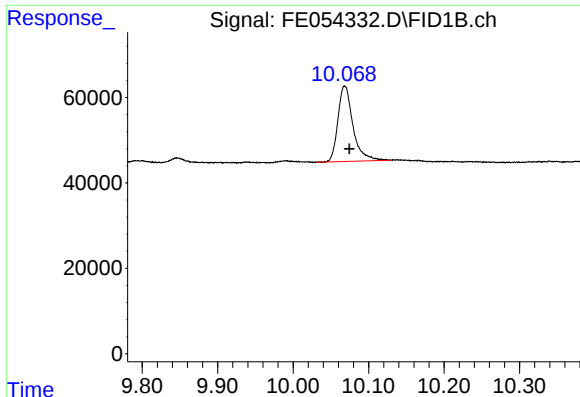
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: -0.005 min
Response: 199886
Conc: 1.57 ug/ml



#6 n-Tetradecane (C14)

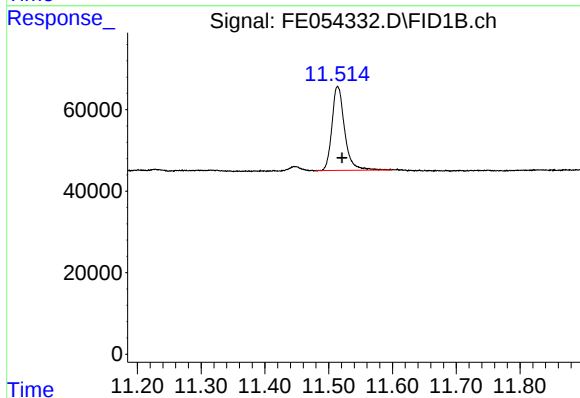
R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 261690
Conc: 2.02 ug/ml



#7 n-Hexadecane (C16)

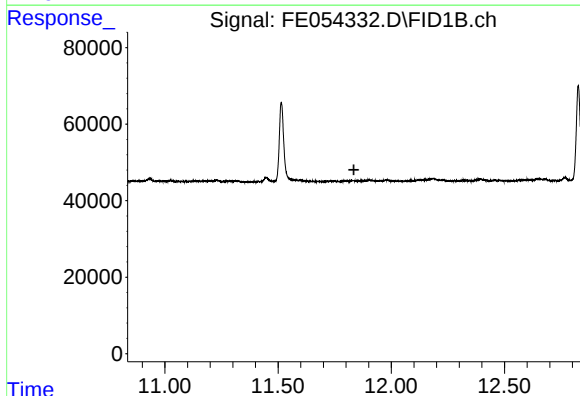
R.T.: 10.069 min
Delta R.T.: -0.006 min
Response: 244865
Conc: 1.84 ug/ml

Instrument :
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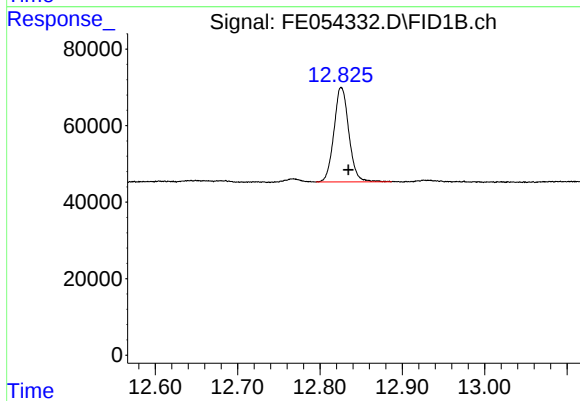
#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 283569
Conc: 2.10 ug/ml



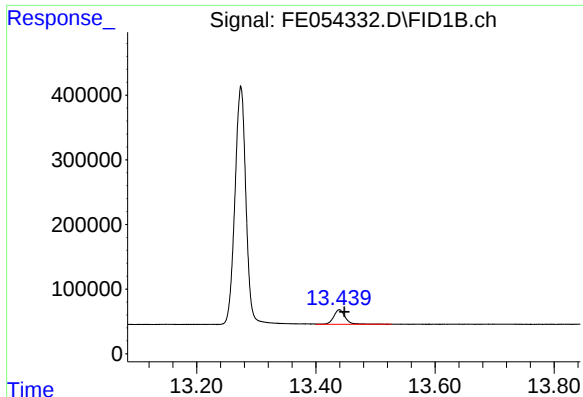
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

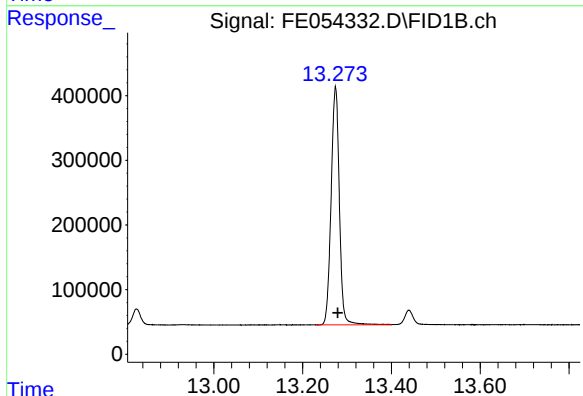
R.T.: 12.826 min
Delta R.T.: -0.009 min
Response: 310454
Conc: 2.32 ug/ml



#11 n-Heneicosane (C21)

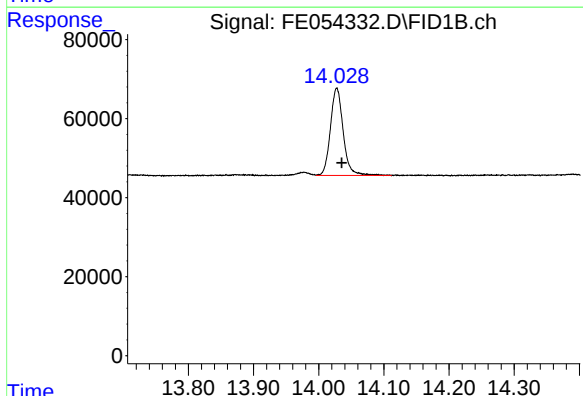
R.T.: 13.439 min
Delta R.T.: -0.008 min
Response: 303172
Conc: 2.28 ug/ml

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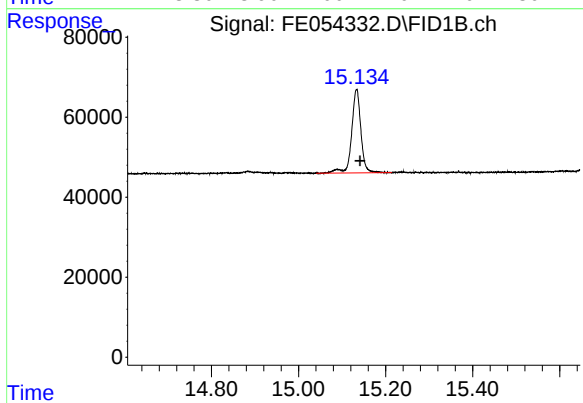
#12 1-chlorooctadecane (SURR)

R.T.: 13.274 min
Delta R.T.: -0.006 min
Response: 4741636
Conc: 38.88 ug/ml



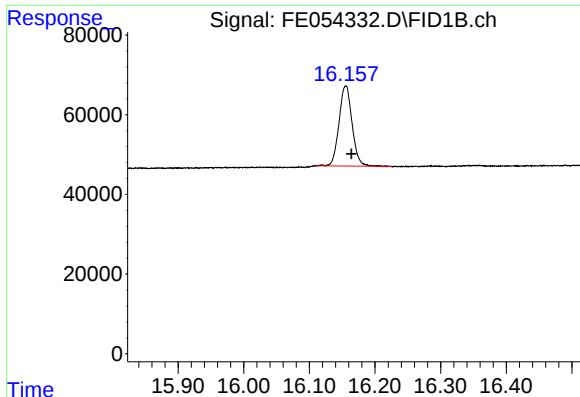
#13 n-Docosane (C22)

R.T.: 14.028 min
Delta R.T.: -0.008 min
Response: 300497
Conc: 2.29 ug/ml



#14 n-Tetracosane (C24)

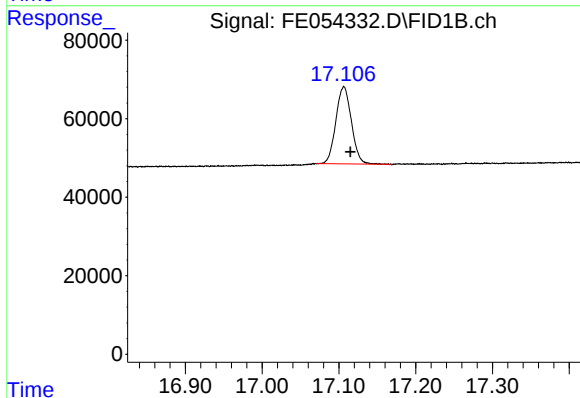
R.T.: 15.133 min
Delta R.T.: -0.008 min
Response: 309348
Conc: 2.40 ug/ml



#15 n-Hexacosane (C26)

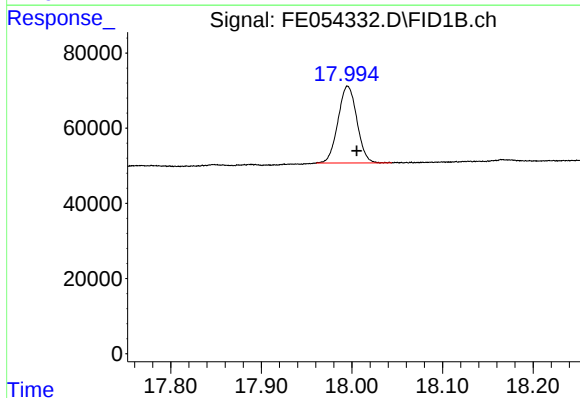
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 278425
Conc: 2.22 ug/ml

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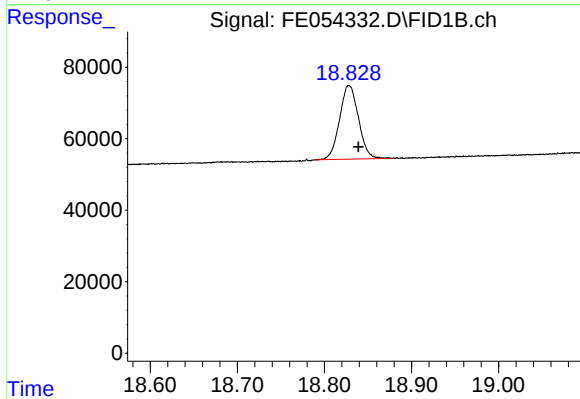
#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.009 min
Response: 277301
Conc: 2.26 ug/ml



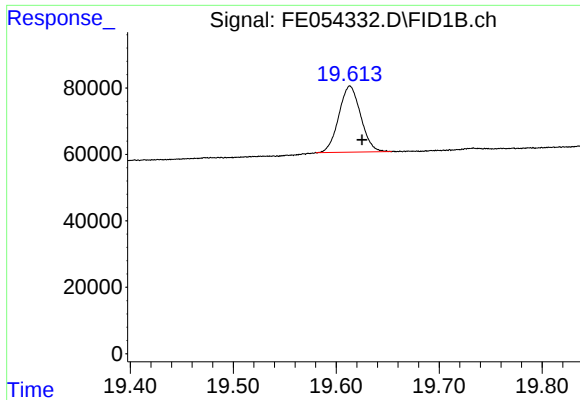
#17 n-Tricontane (C30)

R.T.: 17.995 min
Delta R.T.: -0.010 min
Response: 296151
Conc: 2.39 ug/ml



#18 n-Dotriacontane (C32)

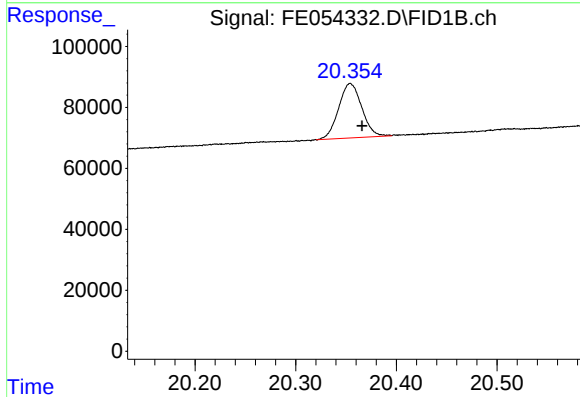
R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 310637
Conc: 2.47 ug/ml



#19 n-Tetratriacontane (C34)

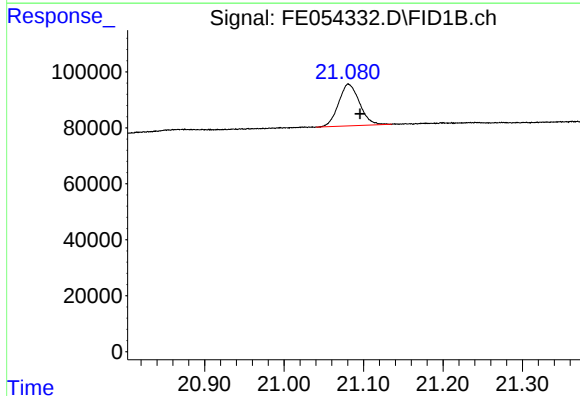
R.T.: 19.613 min
Delta R.T.: -0.012 min
Response: 293718
Conc: 2.36 ug/ml

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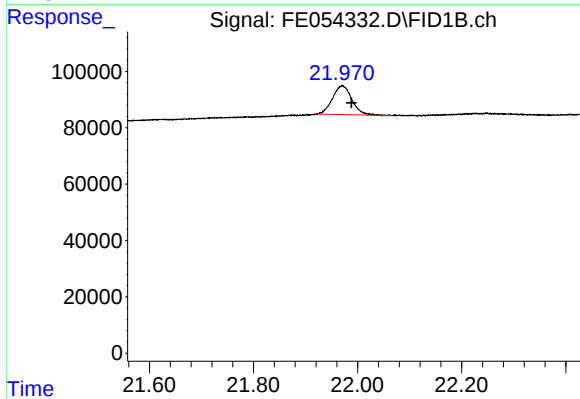
#20 n-Hexatriacontane (C36)

R.T.: 20.354 min
Delta R.T.: -0.012 min
Response: 285064
Conc: 2.21 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.081 min
Delta R.T.: -0.014 min
Response: 272882
Conc: 2.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.970 min
Delta R.T.: -0.018 min
Response: 265651
Conc: 1.97 ug/ml