

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
 Data File : FE054335.D
 Signal(s) : FID1B.ch
 Acq On : 12 Jun 2025 12:40
 Operator : YP\AJ
 Sample : Q2126-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Jun 13 01:15:22 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...	13.273	4738651	38.858 ug/ml
Spiked Amount 50.000		Recovery =	77.72%
Target Compounds			
1) T n-Nonane (C9)	3.178	148714	1.198 ug/ml
2) T n-Decane (C10)	4.441	179795	1.447 ug/ml
4) T n-Dodecane (C12)	6.622	211235	1.659 ug/ml
6) T n-Tetradecane (C14)	8.457	253717	1.960 ug/ml
7) T n-Hexadecane (C16)	10.068	242466	1.825 ug/ml
8) T n-Octadecane (C18)	11.514	275758	2.042 ug/ml
10) T n-Eicosane (C20)	12.826	310437	2.321 ug/ml
11) T n-Heneicosane (C21)	13.439	301156	2.265 ug/ml
13) T n-Docosane (C22)	14.027	298064	2.273 ug/ml
14) T n-Tetracosane (C24)	15.132	300389	2.329 ug/ml
15) T n-Hexacosane (C26)	16.155	280888	2.238 ug/ml
16) T n-Octacosane (C28)	17.106	282198	2.301 ug/ml
17) T n-Tricontane (C30)	17.994	304292	2.455 ug/ml
18) T n-Dotriacontane (C32)	18.828	316724	2.521 ug/ml
19) T n-Tetratriacontane (C34)	19.614	296548	2.384 ug/ml
20) T n-Hexatriacontane (C36)	20.355	287525	2.234 ug/ml
21) T n-Octatriacontane (C38)	21.082	277990	2.105 ug/ml
22) T n-Tetracontane (C40)	21.969	266875	1.981 ug/ml

(f)=RT Delta > 1/2 Window

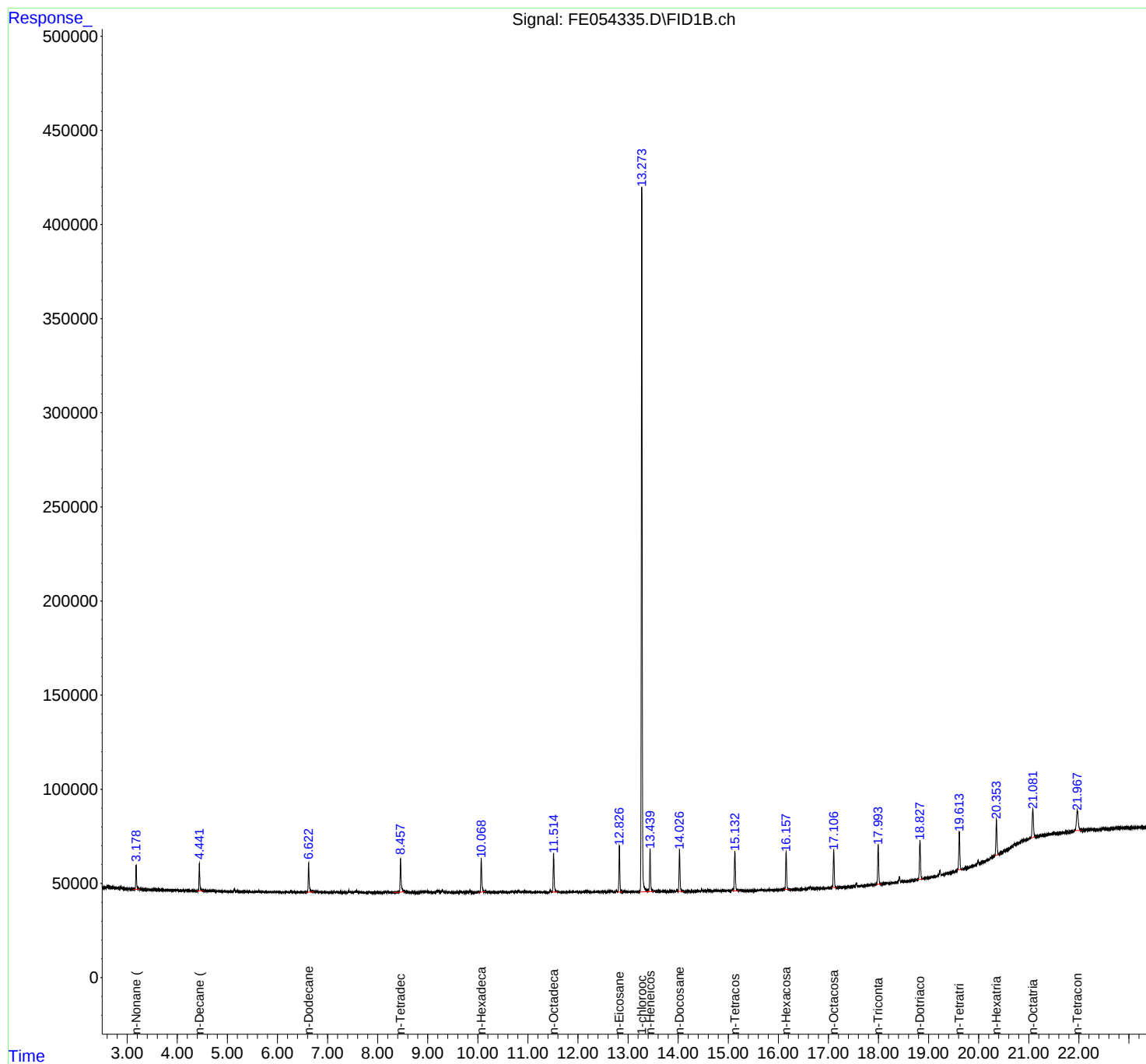
(m)=manual int.

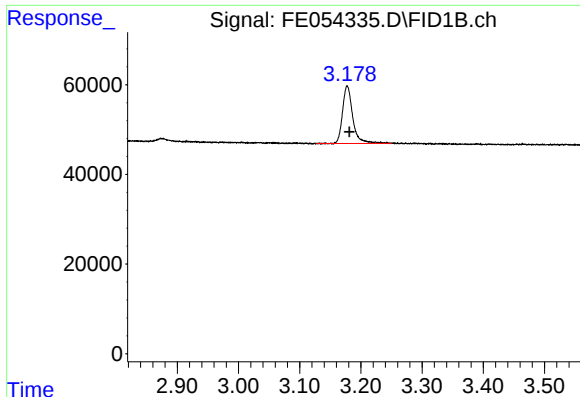
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061325AL\
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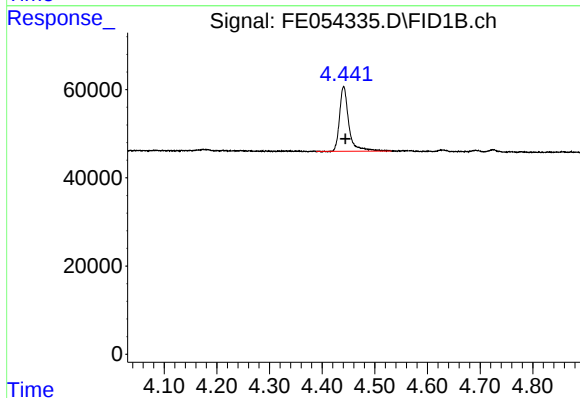




#1 n-Nonane (C9)

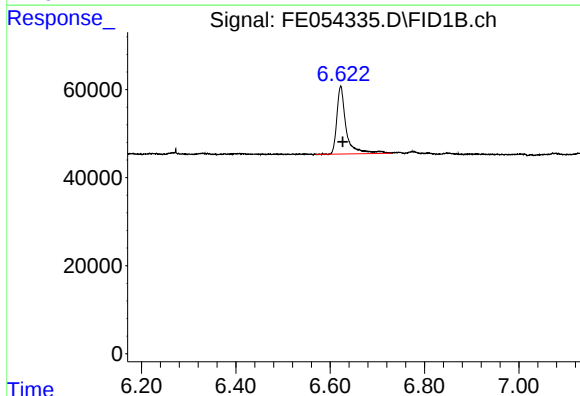
R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 148714
Conc: 1.20 ug/ml

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



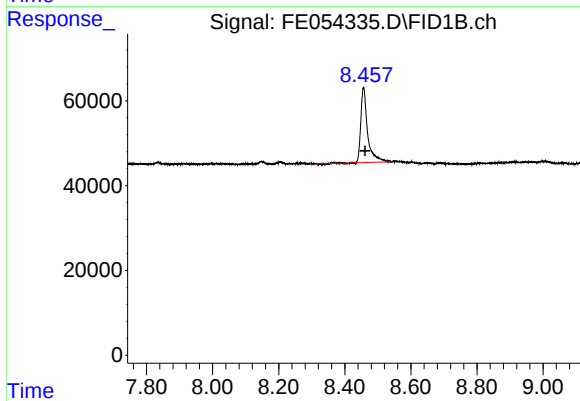
#2 n-Decane (C10)

R.T.: 4.441 min
Delta R.T.: -0.003 min
Response: 179795
Conc: 1.45 ug/ml



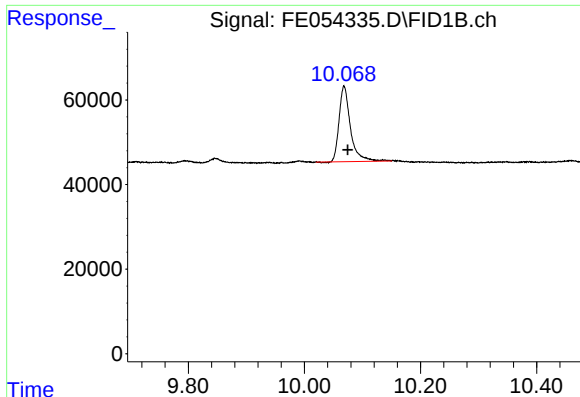
#4 n-Dodecane (C12)

R.T.: 6.622 min
Delta R.T.: -0.004 min
Response: 211235
Conc: 1.66 ug/ml



#6 n-Tetradecane (C14)

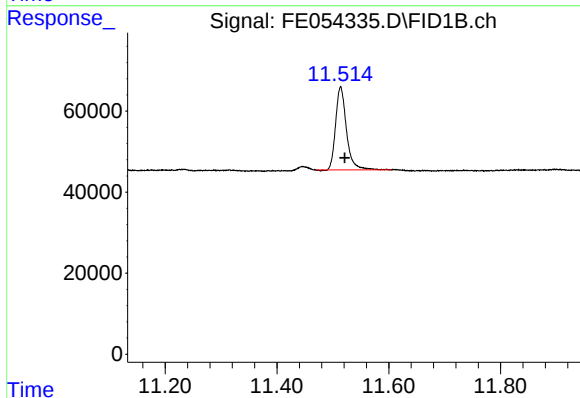
R.T.: 8.457 min
Delta R.T.: -0.005 min
Response: 253717
Conc: 1.96 ug/ml



#7 n-Hexadecane (C16)

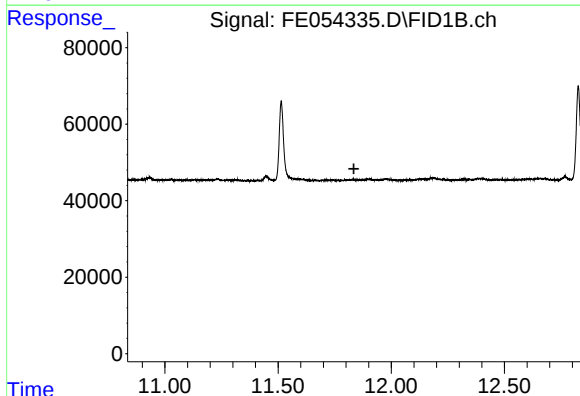
R.T.: 10.068 min
Delta R.T.: -0.006 min
Response: 242466
Conc: 1.83 ug/ml

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LOD-MDL-WATER-01-QT2-2025



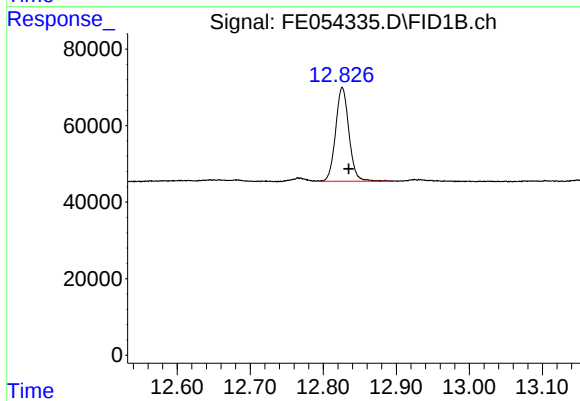
#8 n-Octadecane (C18)

R.T.: 11.514 min
Delta R.T.: -0.007 min
Response: 275758
Conc: 2.04 ug/ml



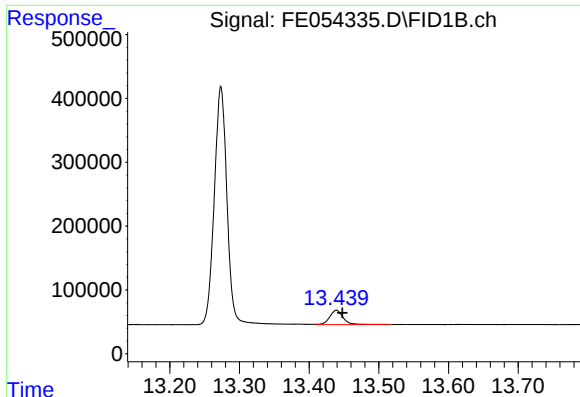
#9 ortho-Terphenyl (SURR)

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: 310437
Conc: 2.32 ug/ml



#11 n-Heneicosane (C21)

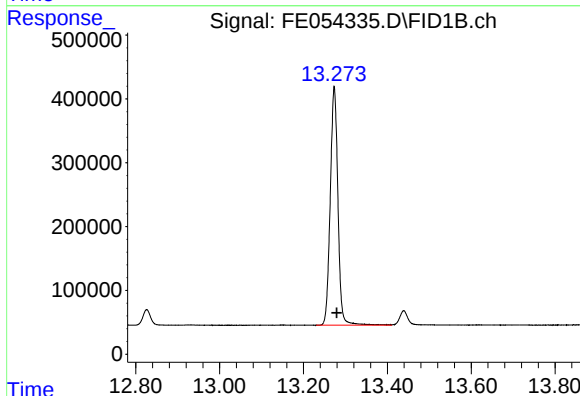
R.T.: 13.439 min
Delta R.T.: -0.009 min
Response: 301156
Conc: 2.26 ug/ml

Instrument :

FID_E

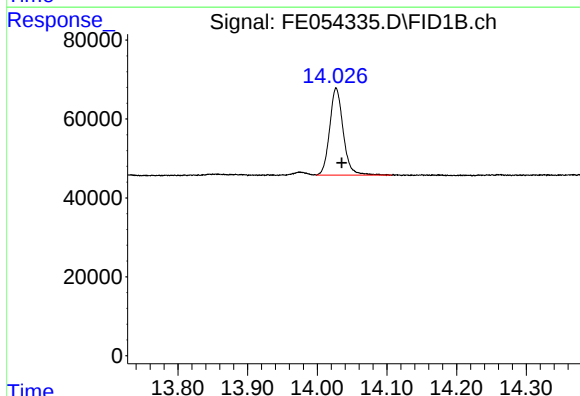
ClientSampleId :

LOD-MDL-WATER-01-QT2-2025



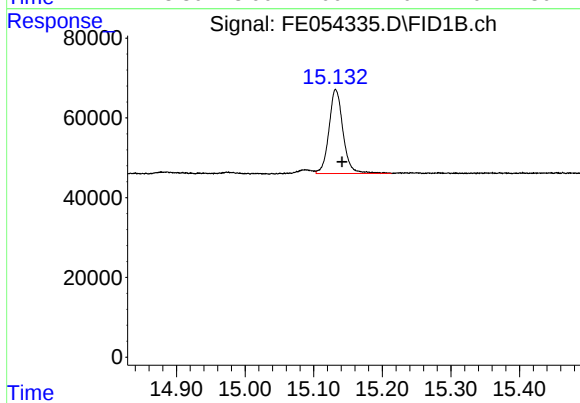
#12 1-chlorooctadecane (SURR)

R.T.: 13.273 min
Delta R.T.: -0.006 min
Response: 4738651
Conc: 38.86 ug/ml



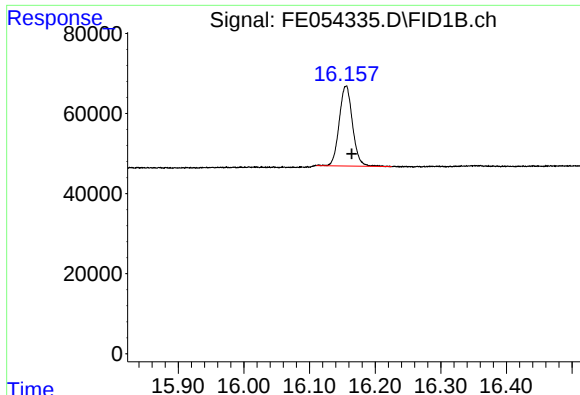
#13 n-Docosane (C22)

R.T.: 14.027 min
Delta R.T.: -0.008 min
Response: 298064
Conc: 2.27 ug/ml



#14 n-Tetracosane (C24)

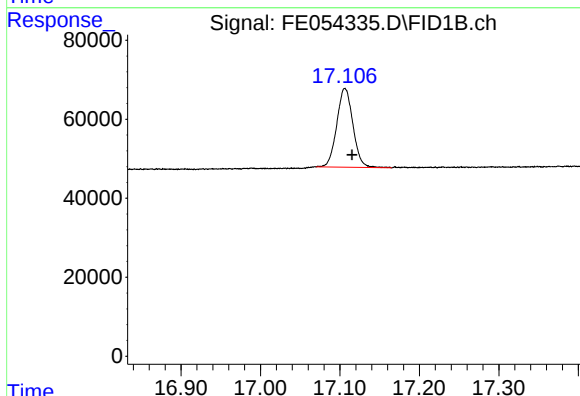
R.T.: 15.132 min
Delta R.T.: -0.009 min
Response: 300389
Conc: 2.33 ug/ml



#15 n-Hexacosane (C26)

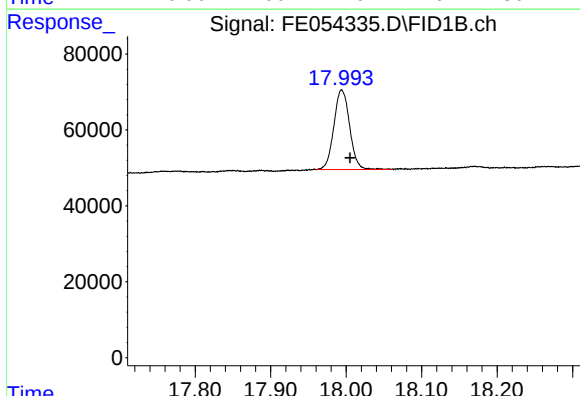
R.T.: 16.155 min
Delta R.T.: -0.009 min
Response: 280888
Conc: 2.24 ug/ml

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



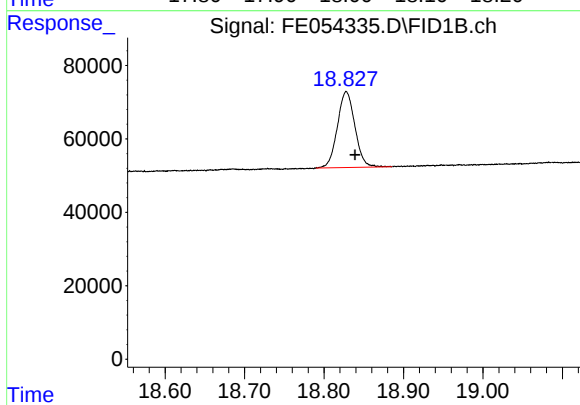
#16 n-Octacosane (C28)

R.T.: 17.106 min
Delta R.T.: -0.009 min
Response: 282198
Conc: 2.30 ug/ml



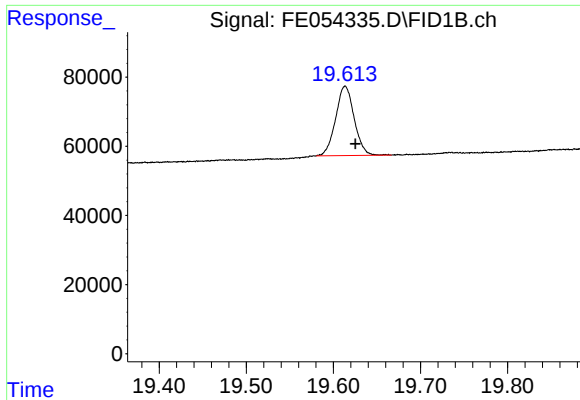
#17 n-Tricontane (C30)

R.T.: 17.994 min
Delta R.T.: -0.011 min
Response: 304292
Conc: 2.46 ug/ml



#18 n-Dotriacontane (C32)

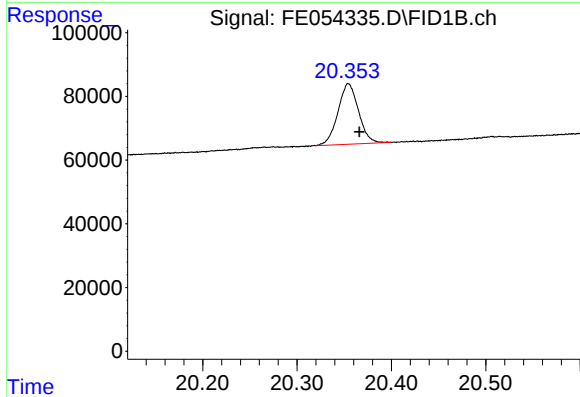
R.T.: 18.828 min
Delta R.T.: -0.011 min
Response: 316724
Conc: 2.52 ug/ml



#19 n-Tetratriacontane (C34)

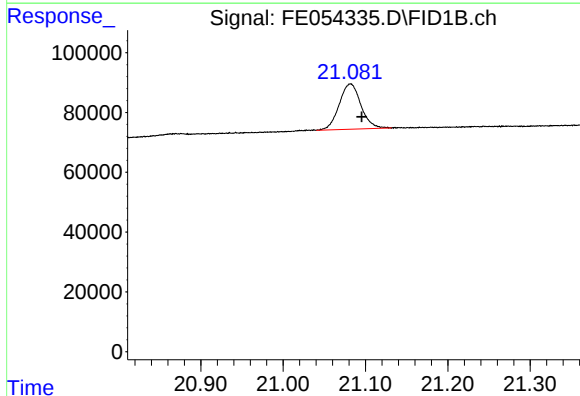
R.T.: 19.614 min
Delta R.T.: -0.012 min
Response: 296548
Conc: 2.38 ug/ml

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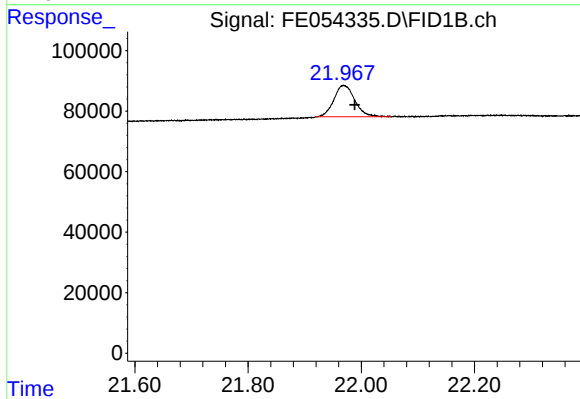
#20 n-Hexatriacontane (C36)

R.T.: 20.355 min
Delta R.T.: -0.012 min
Response: 287525
Conc: 2.23 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.082 min
Delta R.T.: -0.014 min
Response: 277990
Conc: 2.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.969 min
Delta R.T.: -0.019 min
Response: 266875
Conc: 1.98 ug/ml