

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054383.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 14:50
 Operator : YP\AJ
 Sample : Q2126-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 14 00:01:54 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...	13.268	4368839	35.825 ug/ml
Spiked Amount 50.000		Recovery =	71.65%
Target Compounds			
1) T n-Nonane (C9)	3.175	185556	1.494 ug/ml
2) T n-Decane (C10)	4.438	221940	1.786 ug/ml
4) T n-Dodecane (C12)	6.619	251602	1.976 ug/ml
6) T n-Tetradecane (C14)	8.453	341516	2.638 ug/ml
7) T n-Hexadecane (C16)	10.064	327147	2.463 ug/ml
8) T n-Octadecane (C18)	11.510	363728	2.694 ug/ml
10) T n-Eicosane (C20)	12.821	401551	3.002 ug/ml
11) T n-Heneicosane (C21)	13.434	389518	2.929 ug/ml
13) T n-Docosane (C22)	14.022	387731	2.957 ug/ml
14) T n-Tetracosane (C24)	15.126	386728	2.998 ug/ml
15) T n-Hexacosane (C26)	16.149	363268	2.894 ug/ml
16) T n-Octacosane (C28)	17.100	355951	2.903 ug/ml
17) T n-Tricontane (C30)	17.988	368196	2.971 ug/ml
18) T n-Dotriacontane (C32)	18.821	391997	3.120 ug/ml
19) T n-Tetratriacontane (C34)	19.606	363823	2.924 ug/ml
20) T n-Hexatriacontane (C36)	20.348	352717	2.740 ug/ml
21) T n-Octatriacontane (C38)	21.073	348920	2.643 ug/ml
22) T n-Tetracontane (C40)	21.958	315979	2.346 ug/ml

(f)=RT Delta > 1/2 Window

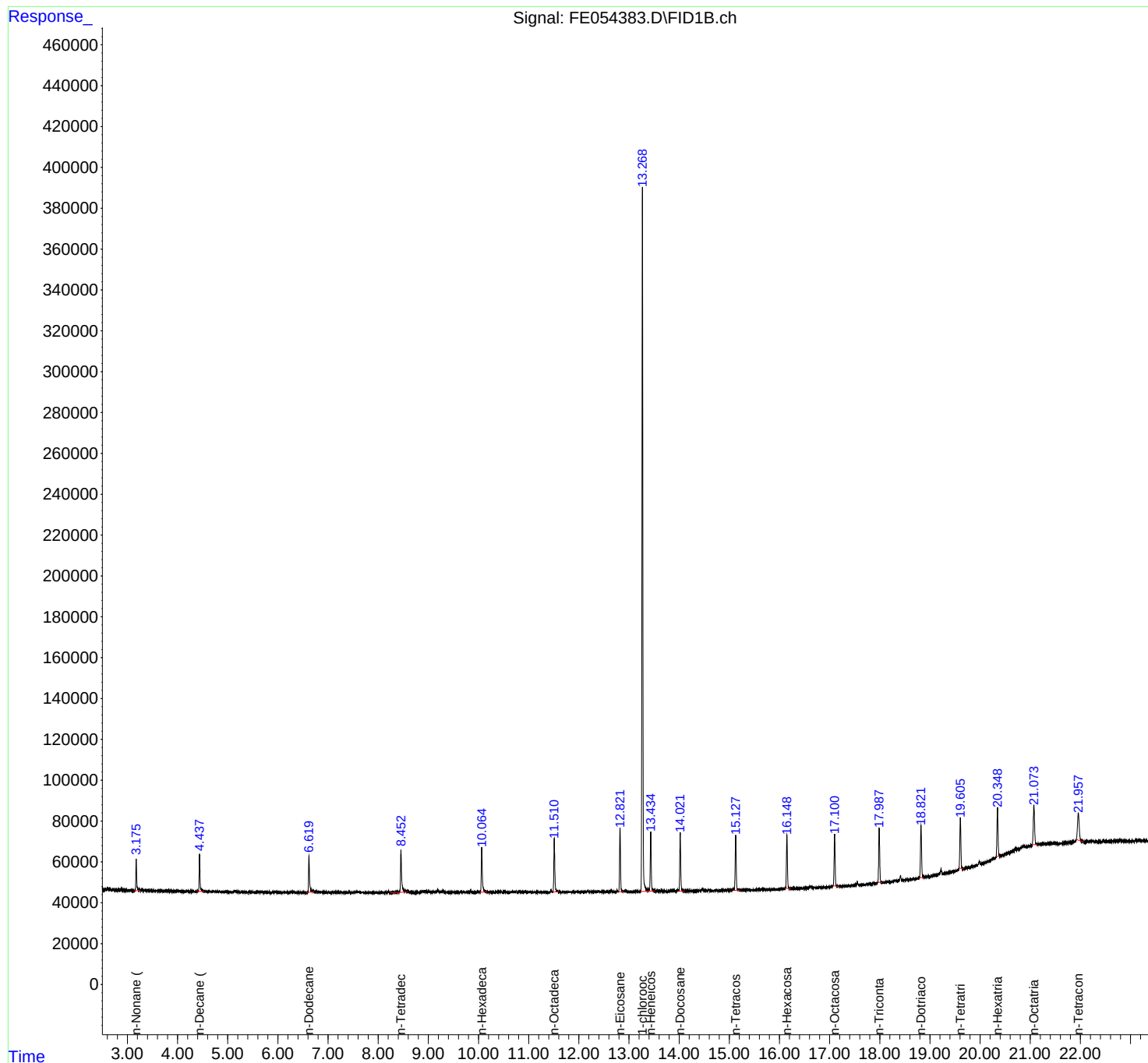
(m)=manual int.

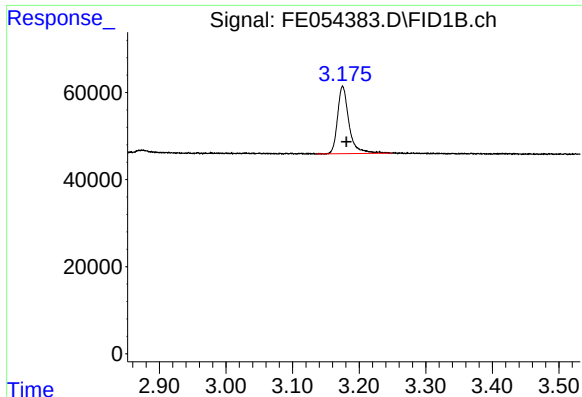
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
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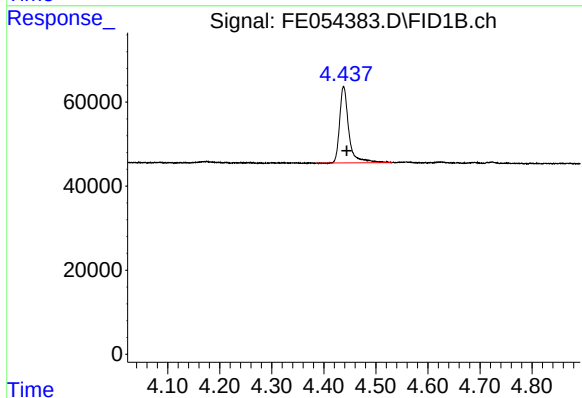




#1 n-Nonane (C9)

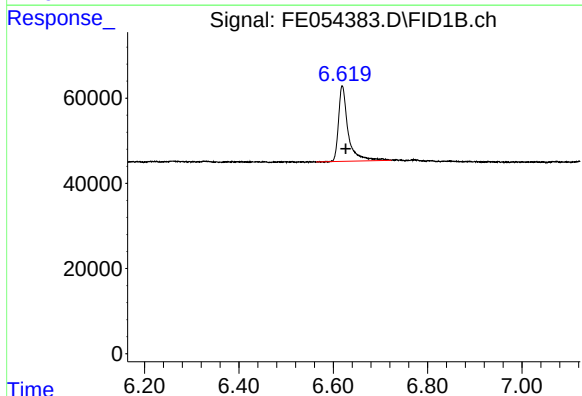
R.T.: 3.175 min
Delta R.T.: -0.006 min
Response: 185556
Conc: 1.49 ug/ml

Instrument :
FID_E
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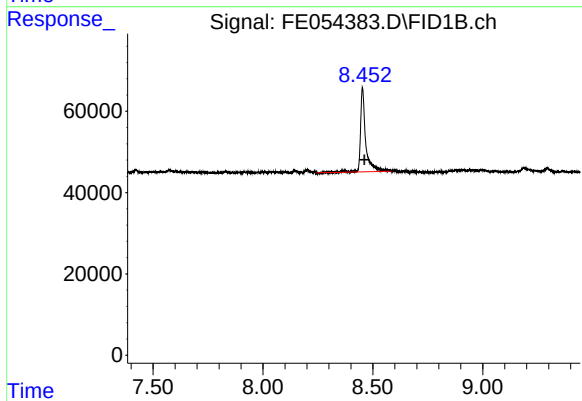
#2 n-Decane (C10)

R.T.: 4.438 min
Delta R.T.: -0.006 min
Response: 221940
Conc: 1.79 ug/ml



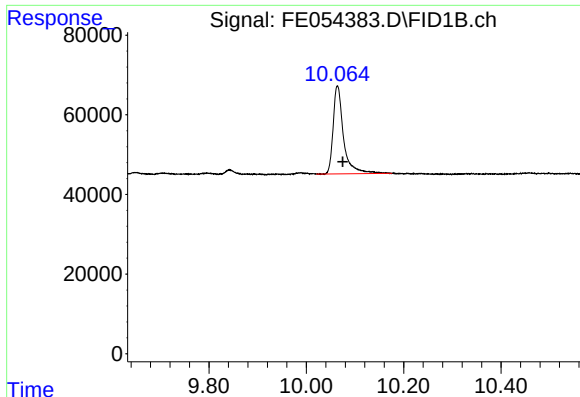
#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.007 min
Response: 251602
Conc: 1.98 ug/ml



#6 n-Tetradecane (C14)

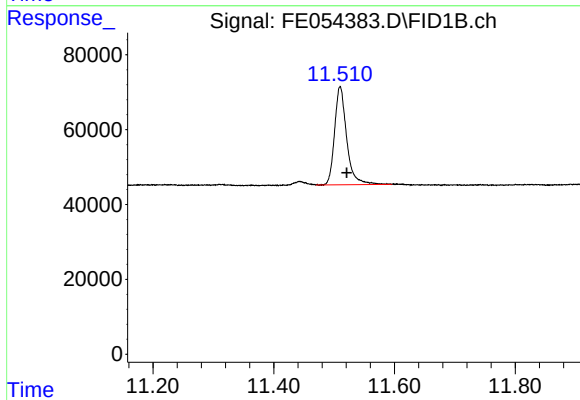
R.T.: 8.453 min
Delta R.T.: -0.009 min
Response: 341516
Conc: 2.64 ug/ml



#7 n-Hexadecane (C16)

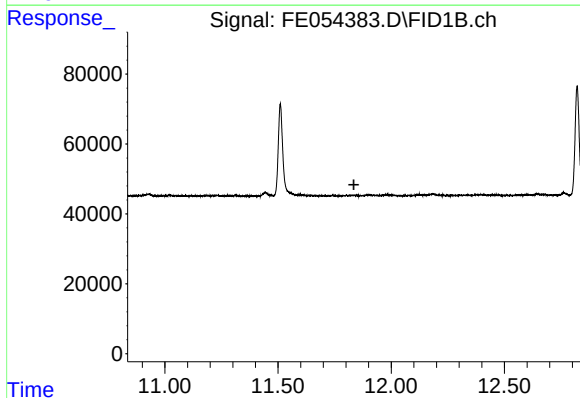
R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 327147
Conc: 2.46 ug/ml

Instrument :
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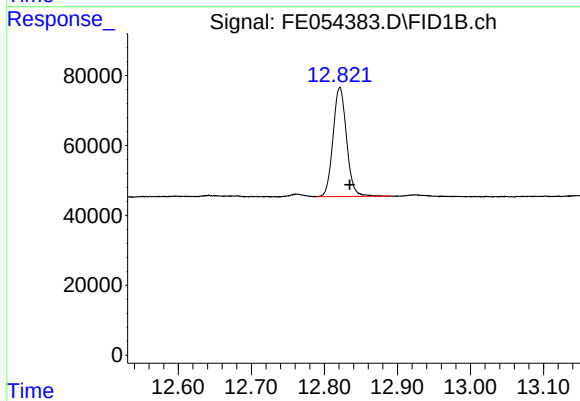
#8 n-Octadecane (C18)

R.T.: 11.510 min
Delta R.T.: -0.011 min
Response: 363728
Conc: 2.69 ug/ml



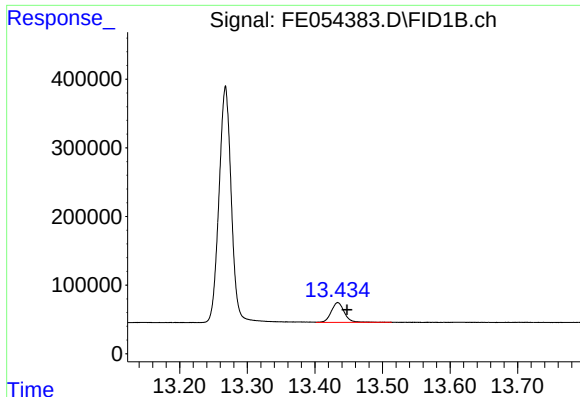
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

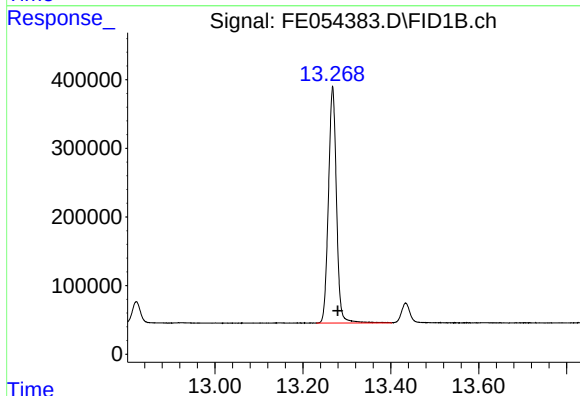
R.T.: 12.821 min
Delta R.T.: -0.013 min
Response: 401551
Conc: 3.00 ug/ml



#11 n-Heneicosane (C21)

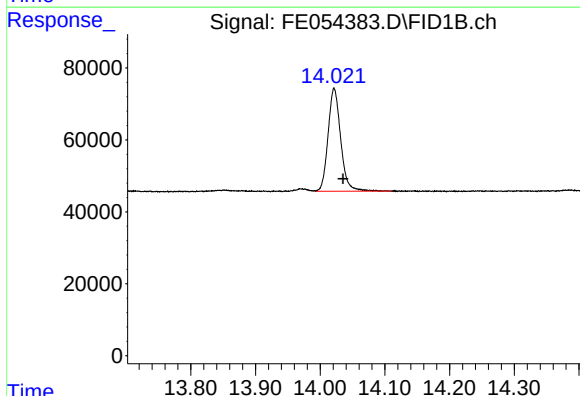
R.T.: 13.434 min
Delta R.T.: -0.014 min
Response: 389518
Conc: 2.93 ug/ml

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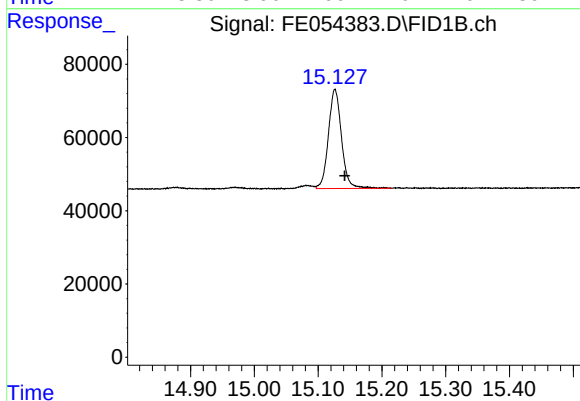
#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.012 min
Response: 4368839
Conc: 35.83 ug/ml



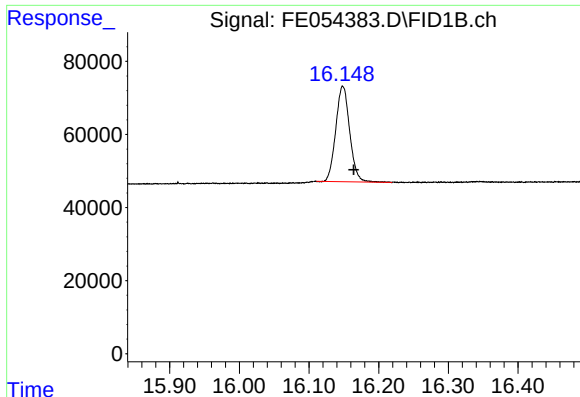
#13 n-Docosane (C22)

R.T.: 14.022 min
Delta R.T.: -0.014 min
Response: 387731
Conc: 2.96 ug/ml



#14 n-Tetracosane (C24)

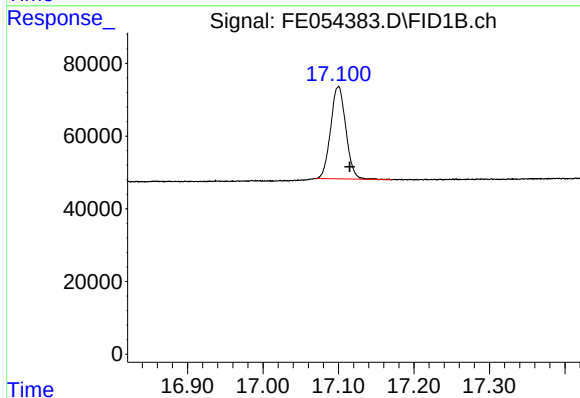
R.T.: 15.126 min
Delta R.T.: -0.015 min
Response: 386728
Conc: 3.00 ug/ml



#15 n-Hexacosane (C26)

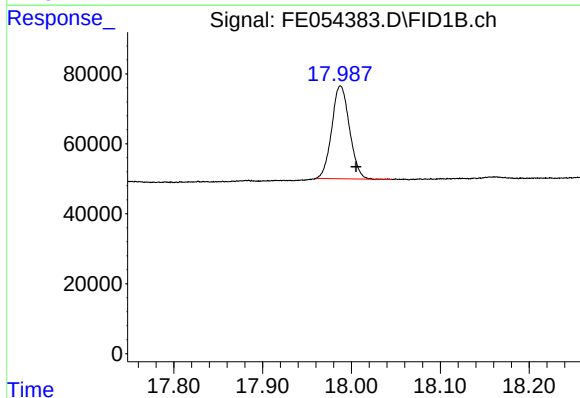
R.T.: 16.149 min
Delta R.T.: -0.016 min
Response: 363268
Conc: 2.89 ug/ml

Instrument :
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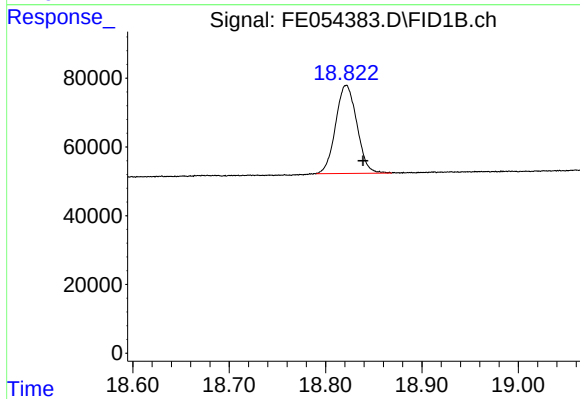
#16 n-Octacosane (C28)

R.T.: 17.100 min
Delta R.T.: -0.015 min
Response: 355951
Conc: 2.90 ug/ml



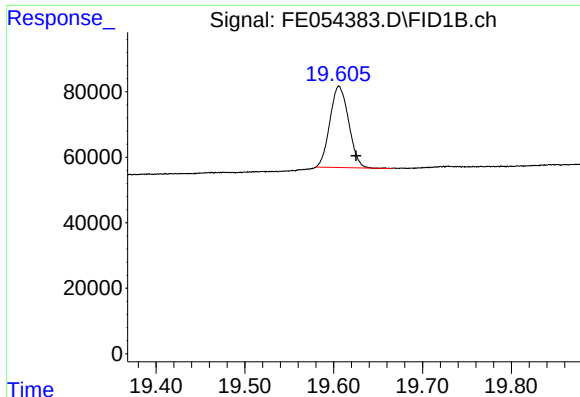
#17 n-Tricontane (C30)

R.T.: 17.988 min
Delta R.T.: -0.018 min
Response: 368196
Conc: 2.97 ug/ml



#18 n-Dotriacontane (C32)

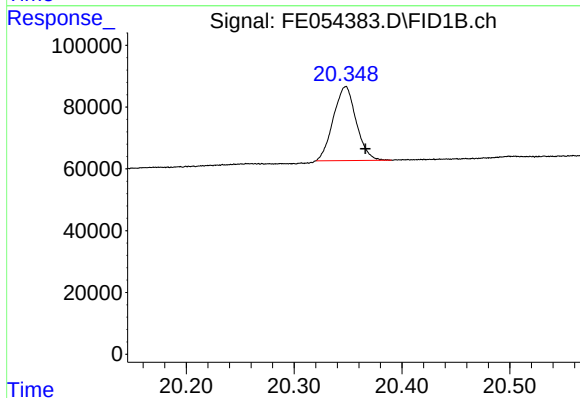
R.T.: 18.821 min
Delta R.T.: -0.017 min
Response: 391997
Conc: 3.12 ug/ml



#19 n-Tetratriacontane (C34)

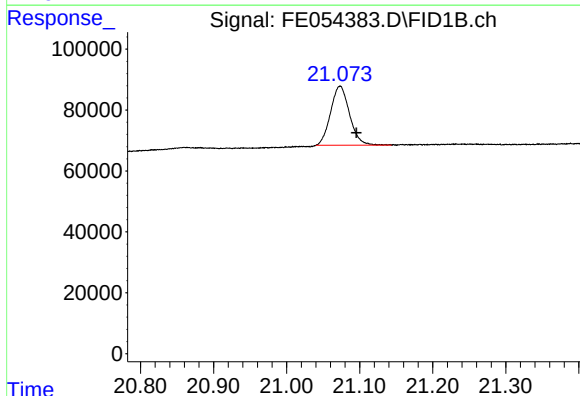
R.T.: 19.606 min
Delta R.T.: -0.019 min
Response: 363823
Conc: 2.92 ug/ml

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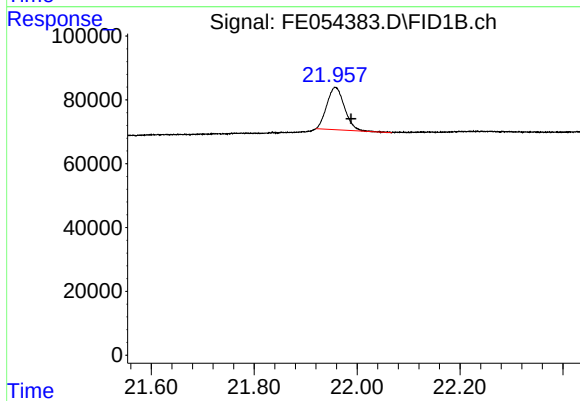
#20 n-Hexatriacontane (C36)

R.T.: 20.348 min
Delta R.T.: -0.019 min
Response: 352717
Conc: 2.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.023 min
Response: 348920
Conc: 2.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.958 min
Delta R.T.: -0.031 min
Response: 315979
Conc: 2.35 ug/ml