

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
 Data File : FE037024.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2022 11:40
 Operator : YP\AJ
 Sample : N3980-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-SOIL-02-QT3-2022

Integration File: autoint1.e
 Quant Time: Aug 12 17:14:07 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081222.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 12 07:36:15 2022
 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...	13.260	4510838	30.907 ug/ml
Spiked Amount 50.000		Recovery =	61.81%
Target Compounds			
1) T n-Nonane (C9)	3.215	353861	2.302 ug/ml
2) T n-Decane (C10)	4.468	407120	2.664 ug/ml
4) T n-Dodecane (C12)	6.635	516292	3.306 ug/ml
6) T n-Tetradecane (C14)	8.460	537069	3.399 ug/ml
7) T n-Hexadecane (C16)	10.066	512820	3.224 ug/ml
8) T n-Octadecane (C18)	11.507	587437	3.578 ug/ml
10) T n-Eicosane (C20)	12.815	634166	3.863 ug/ml
11) T n-Heneicosane (C21)	13.425	630342	3.835 ug/ml
13) T n-Docosane (C22)	14.011	624769	3.840 ug/ml
14) T n-Tetracosane (C24)	15.114	633942	3.922 ug/ml
15) T n-Hexacosane (C26)	16.134	618934	3.902 ug/ml
16) T n-Octacosane (C28)	17.083	617609	3.973 ug/ml
17) T n-Tricontane (C30)	17.971	627661	4.304 ug/ml
18) T n-Dotriacontane (C32)	18.801	648908	5.584 ug/ml
19) T n-Tetratriacontane (C34)	19.587	579541	7.033 ug/ml
20) T n-Hexatriacontane (C36)	20.328	433658	7.178 ug/ml
21) T n-Octatriacontane (C38)	21.048	497214	9.749 ug/ml
22) T n-Tetracontane (C40)	21.922	182232	3.786 ug/ml

(f)=RT Delta > 1/2 Window

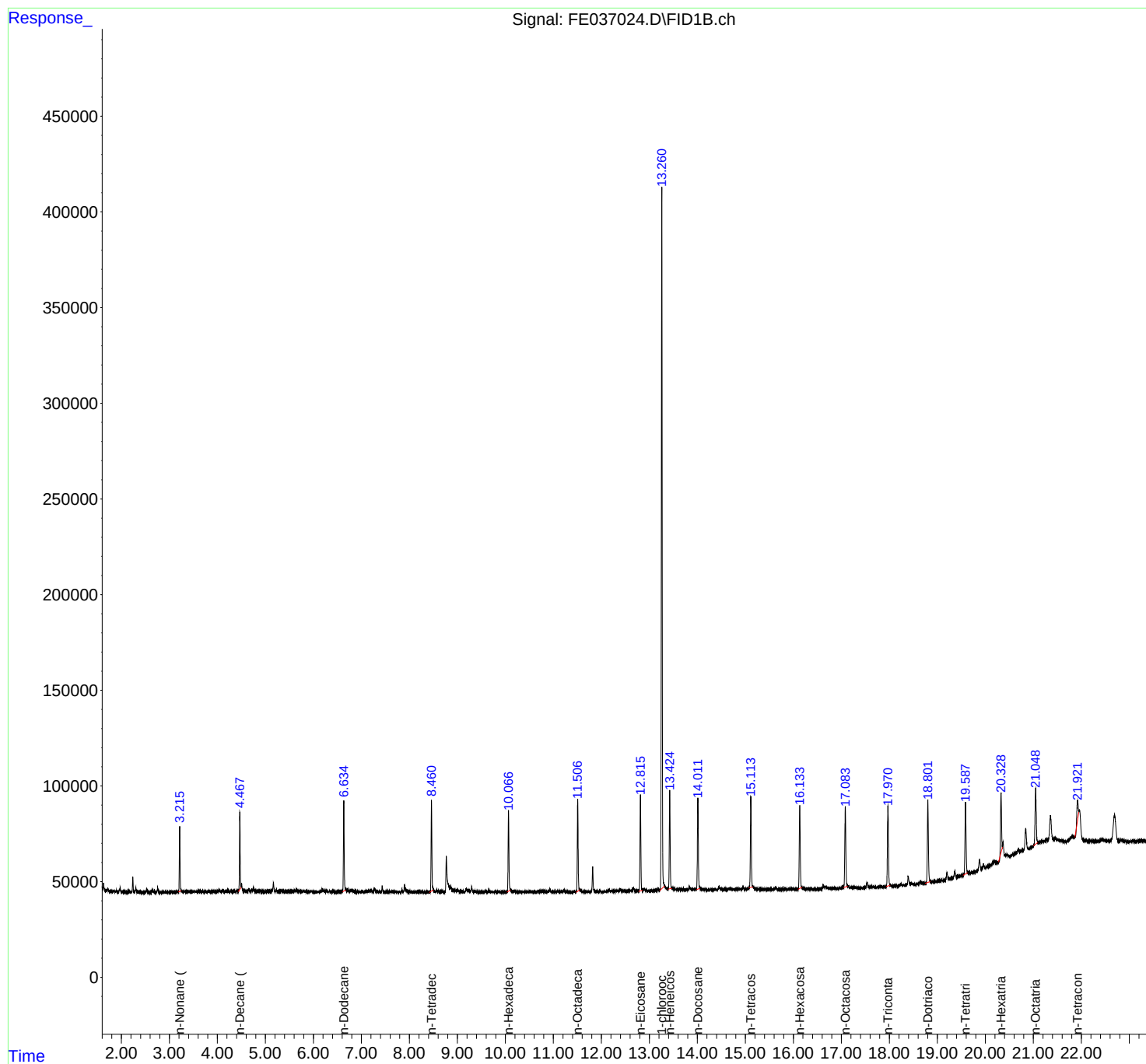
(m)=manual int.

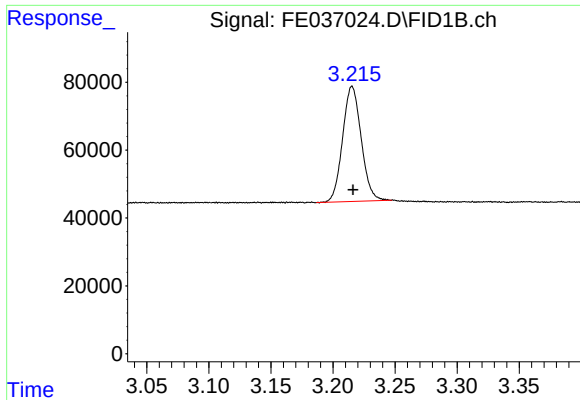
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081322AL\
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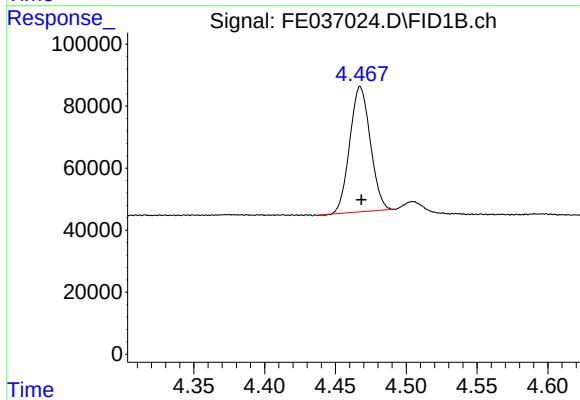




#1 n-Nonane (C9)

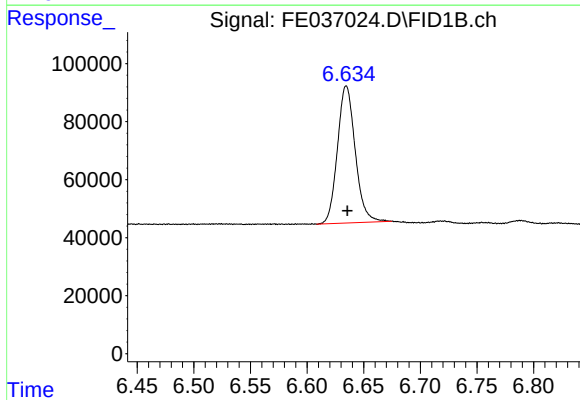
R.T.: 3.215 min
Delta R.T.: 0.000 min
Response: 353861
Conc: 2.30 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-SOIL-02-QT3-2022



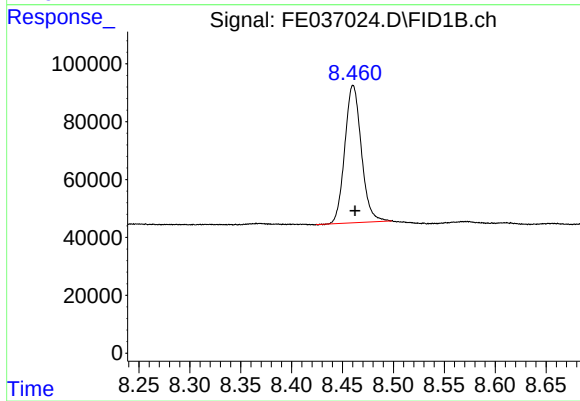
#2 n-Decane (C10)

R.T.: 4.468 min
Delta R.T.: 0.000 min
Response: 407120
Conc: 2.66 ug/ml



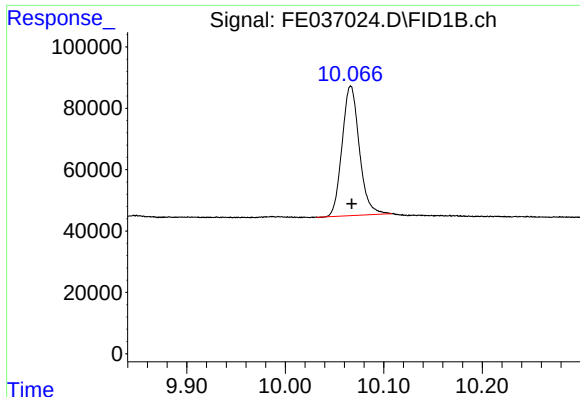
#4 n-Dodecane (C12)

R.T.: 6.635 min
Delta R.T.: 0.000 min
Response: 516292
Conc: 3.31 ug/ml



#6 n-Tetradecane (C14)

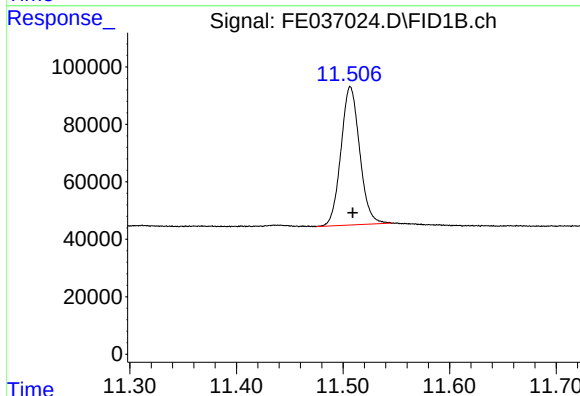
R.T.: 8.460 min
Delta R.T.: -0.002 min
Response: 537069
Conc: 3.40 ug/ml



#7 n-Hexadecane (C16)

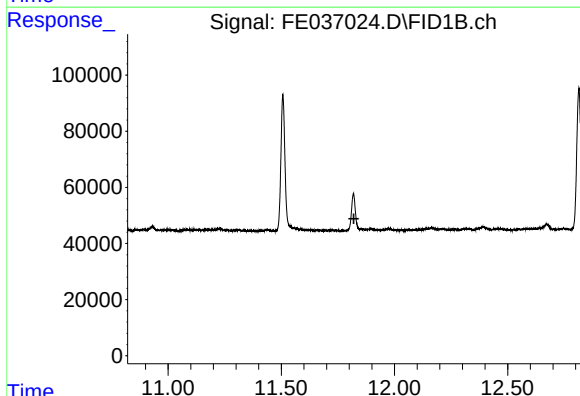
R.T.: 10.066 min
Delta R.T.: 0.000 min
Response: 512820
Conc: 3.22 ug/ml

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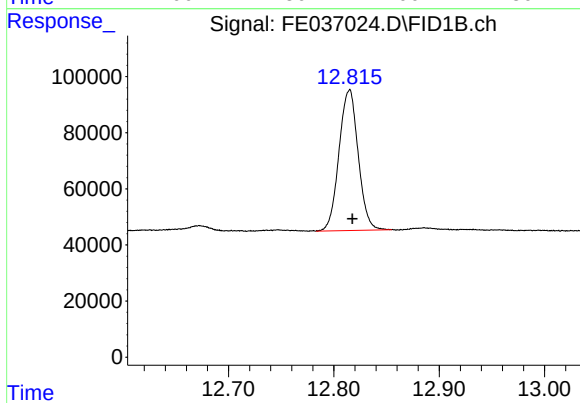
#8 n-Octadecane (C18)

R.T.: 11.507 min
Delta R.T.: -0.002 min
Response: 587437
Conc: 3.58 ug/ml



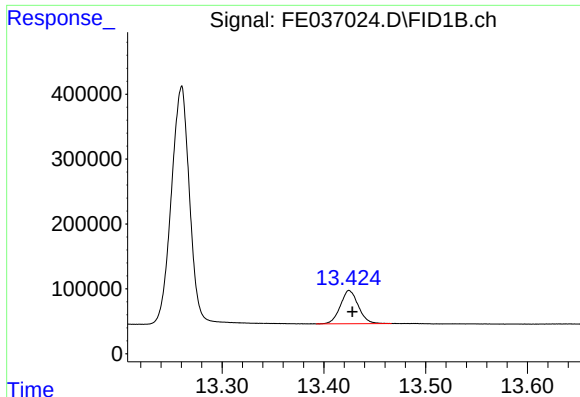
#9 ortho-Terphenyl (SURRE)

R.T.: 0.000 min
Exp R.T. : 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

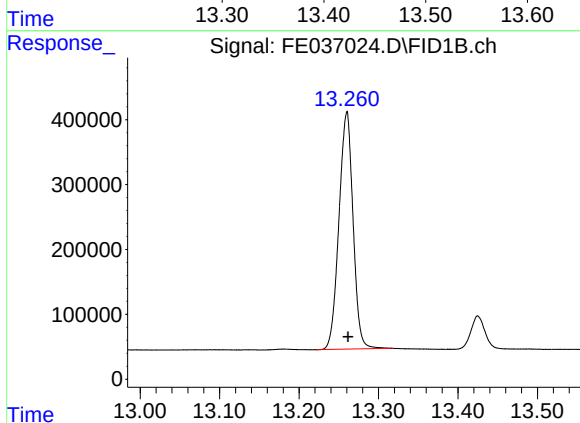
R.T.: 12.815 min
Delta R.T.: -0.003 min
Response: 634166
Conc: 3.86 ug/ml



#11 n-Heneicosane (C21)

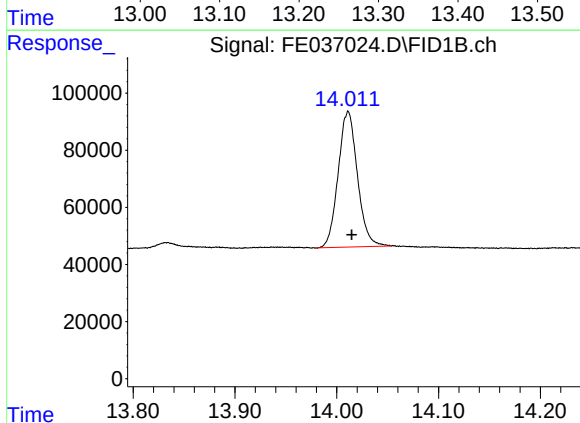
R.T.: 13.425 min
Delta R.T.: -0.003 min
Response: 630342
Conc: 3.84 ug/ml

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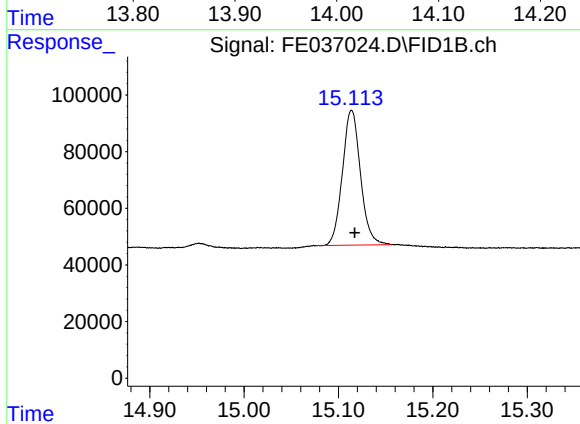
#12 1-chlorooctadecane (SURR)

R.T.: 13.260 min
Delta R.T.: -0.001 min
Response: 4510838
Conc: 30.91 ug/ml



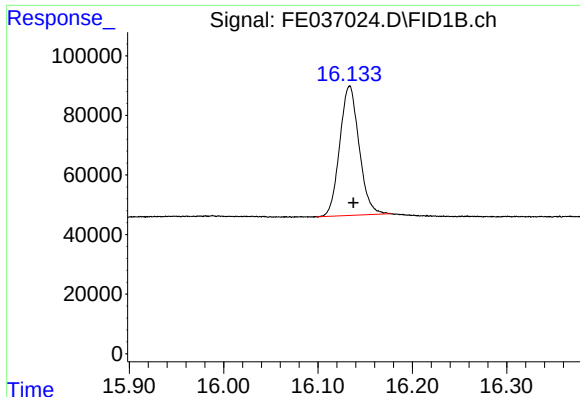
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.004 min
Response: 624769
Conc: 3.84 ug/ml



#14 n-Tetracosane (C24)

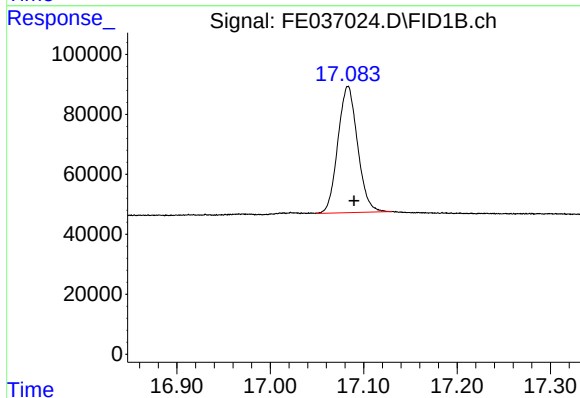
R.T.: 15.114 min
Delta R.T.: -0.003 min
Response: 633942
Conc: 3.92 ug/ml



#15 n-Hexacosane (C26)

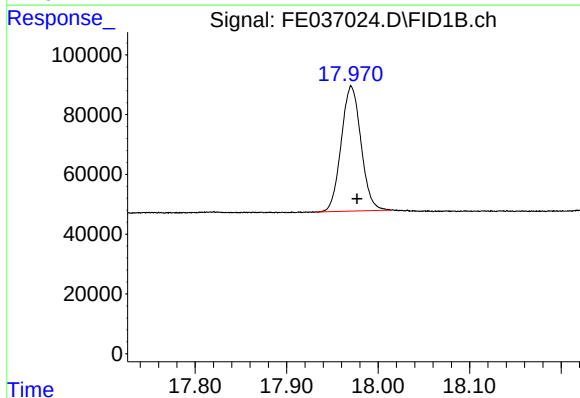
R.T.: 16.134 min
Delta R.T.: -0.004 min
Response: 618934
Conc: 3.90 ug/ml

Instrument :
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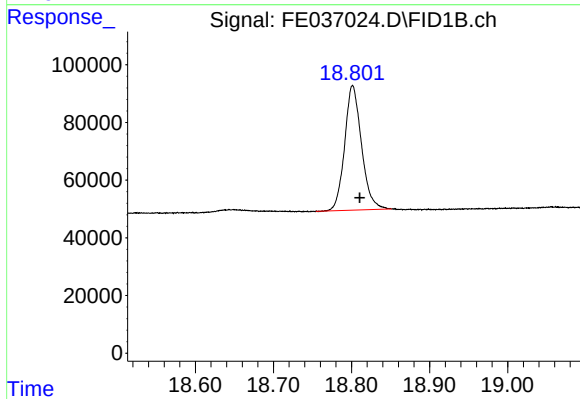
#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.006 min
Response: 617609
Conc: 3.97 ug/ml



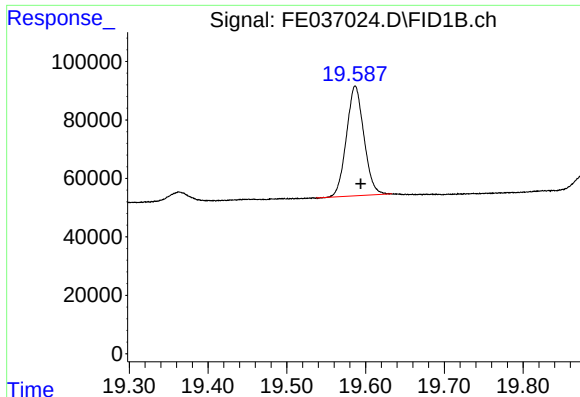
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.006 min
Response: 627661
Conc: 4.30 ug/ml



#18 n-Dotriacontane (C32)

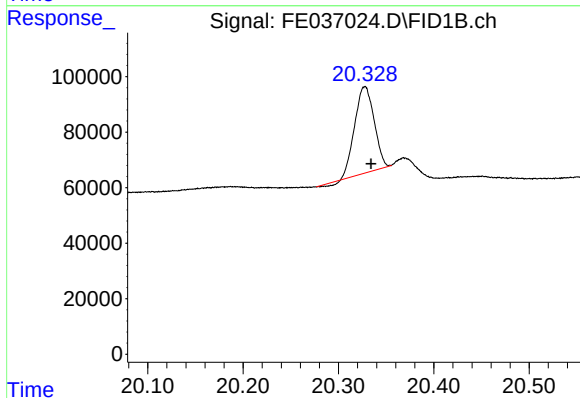
R.T.: 18.801 min
Delta R.T.: -0.009 min
Response: 648908
Conc: 5.58 ug/ml



#19 n-Tetratriacontane (C34)

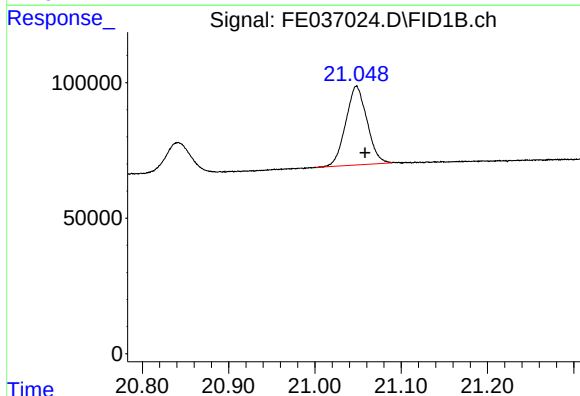
R.T.: 19.587 min
Delta R.T.: -0.007 min
Response: 579541
Conc: 7.03 ug/ml

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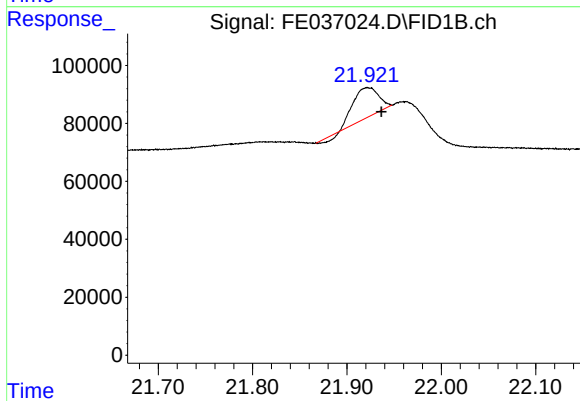
#20 n-Hexatriacontane (C36)

R.T.: 20.328 min
Delta R.T.: -0.007 min
Response: 433658
Conc: 7.18 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.048 min
Delta R.T.: -0.010 min
Response: 497214
Conc: 9.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.922 min
Delta R.T.: -0.015 min
Response: 182232
Conc: 3.79 ug/ml