

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035948.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 11:16
 Operator : YP\AJ
 Sample : N1645-01
 Misc : 4 PPM SOIL LOD
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Integration File: sample.E
 Quant Time: Jun 08 03:33:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051022.M
 Quant Title : GC Extractables
 QLast Update : Wed May 11 03:24:10 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.378	3501404	33.473 ug/ml
Spiked Amount 50.000		Recovery =	66.95%
Target Compounds			
1) T n-Nonane (C9)	2.800	260320	2.180 ug/ml
2) T n-Decane (C10)	3.813	338792	2.863 ug/ml
4) T n-Dodecane (C12)	5.802	499632	4.170 ug/ml
6) T n-Tetradecane (C14)	7.591	412878	3.464 ug/ml
7) T n-Hexadecane (C16)	9.188	415616	3.486 ug/ml
8) T n-Octadecane (C18)	10.626	443279	3.698 ug/ml
10) T n-Eicosane (C20)	11.933	458877	3.846 ug/ml
11) T n-Heneicosane (C21)	12.543	464679	3.870 ug/ml
13) T n-Docosane (C22)	13.127	466877	3.877 ug/ml
14) T n-Tetracosane (C24)	14.227	548017	4.529 ug/ml
15) T n-Hexacosane (C26)	15.245	462937	3.826 ug/ml
16) T n-Octacosane (C28)	16.193	462896	3.819 ug/ml
17) T n-Tricontane (C30)	17.079	467073	3.884 ug/ml
18) T n-Dotriacontane (C32)	17.909	451747	3.931 ug/ml
19) T n-Tetratriacontane (C34)	18.690	418005	3.864 ug/ml
20) T n-Hexatriacontane (C36)	19.428	358760	3.561 ug/ml
21) T n-Octatriacontane (C38)	20.162	329701	3.460 ug/ml
22) T n-Tetracontane (C40)	21.072	336947	3.608 ug/ml

(f)=RT Delta > 1/2 Window

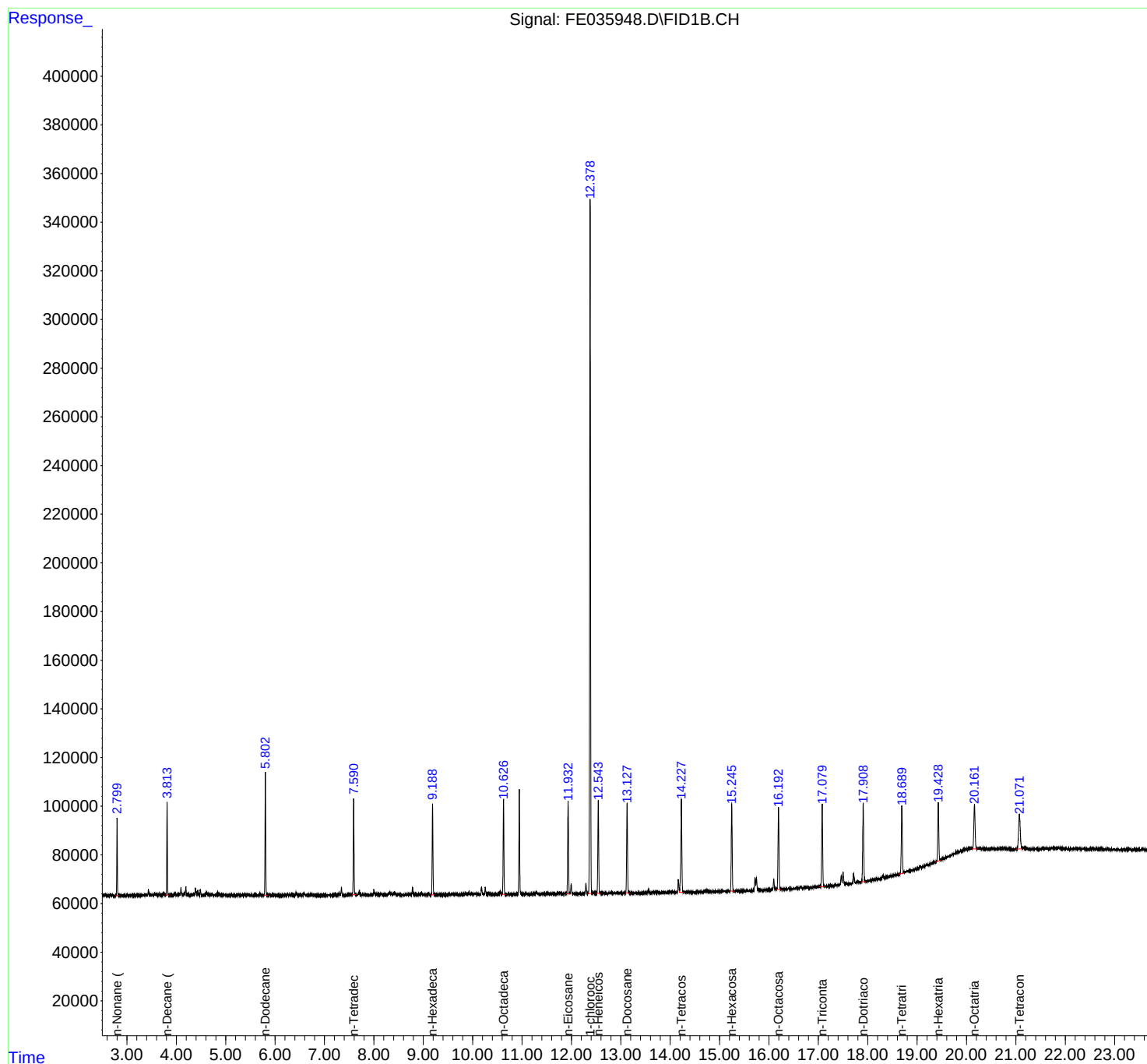
(m)=manual int.

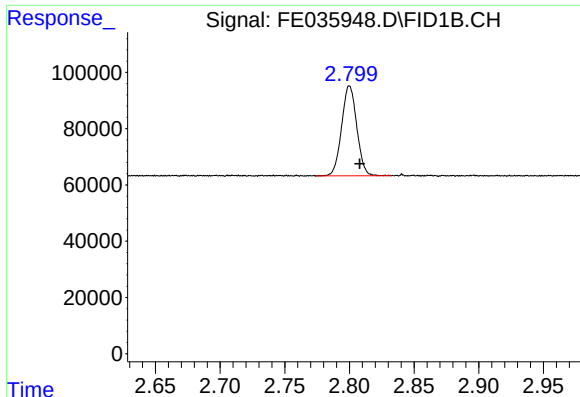
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
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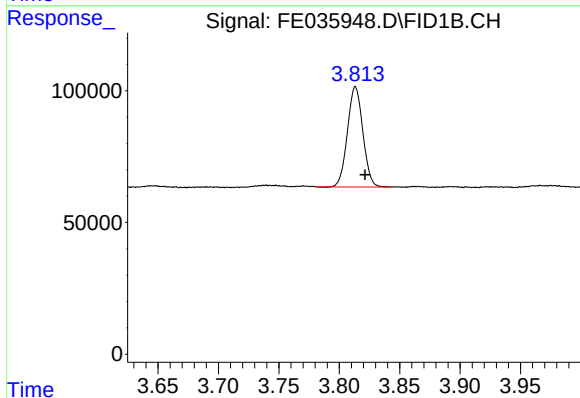




#1 n-Nonane (C9)

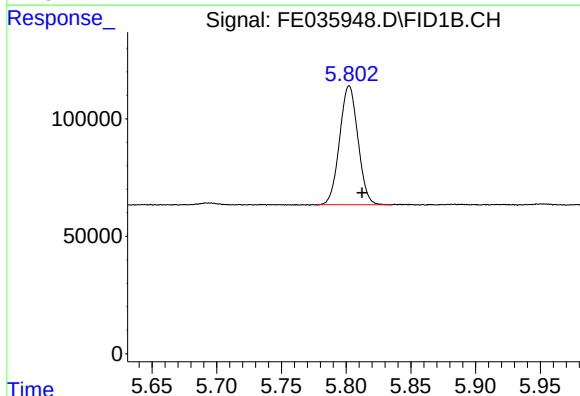
R.T.: 2.800 min
Delta R.T.: -0.008 min
Response: 260320
Conc: 2.18 ug/ml

Instrument :
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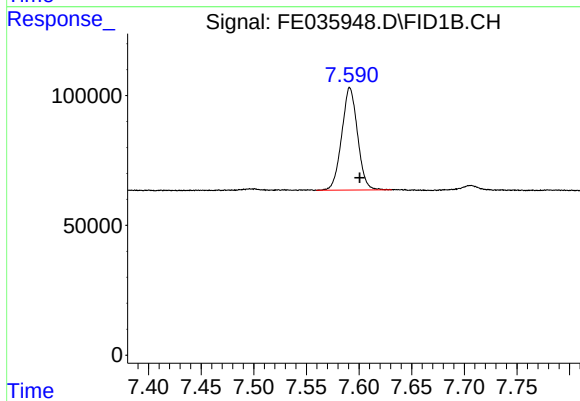
#2 n-Decane (C10)

R.T.: 3.813 min
Delta R.T.: -0.008 min
Response: 338792
Conc: 2.86 ug/ml



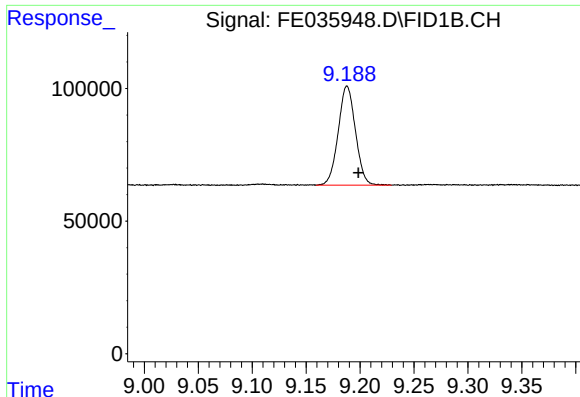
#4 n-Dodecane (C12)

R.T.: 5.802 min
Delta R.T.: -0.010 min
Response: 499632
Conc: 4.17 ug/ml



#6 n-Tetradecane (C14)

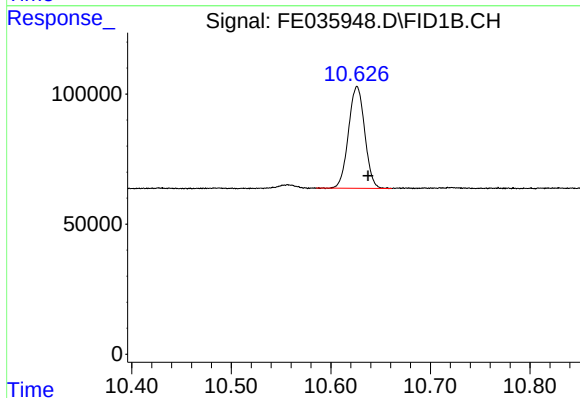
R.T.: 7.591 min
Delta R.T.: -0.009 min
Response: 412878
Conc: 3.46 ug/ml



#7 n-Hexadecane (C16)

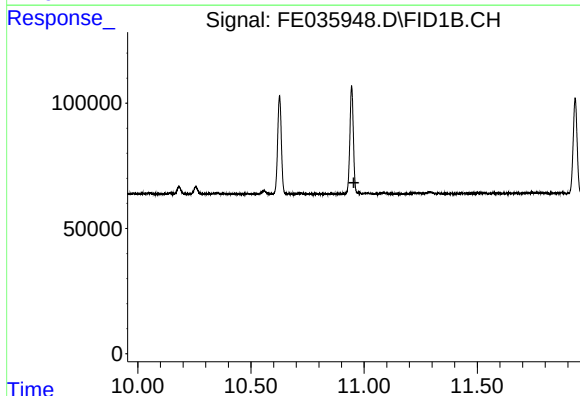
R.T.: 9.188 min
Delta R.T.: -0.011 min
Response: 415616
Conc: 3.49 ug/ml

Instrument :
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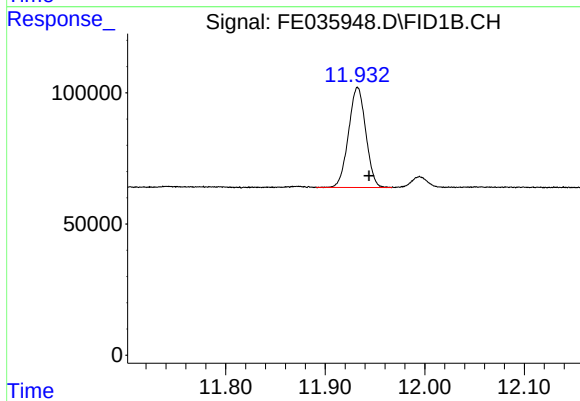
#8 n-Octadecane (C18)

R.T.: 10.626 min
Delta R.T.: -0.011 min
Response: 443279
Conc: 3.70 ug/ml



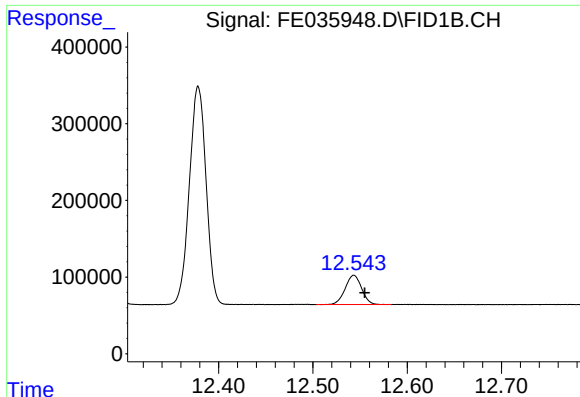
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.955 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

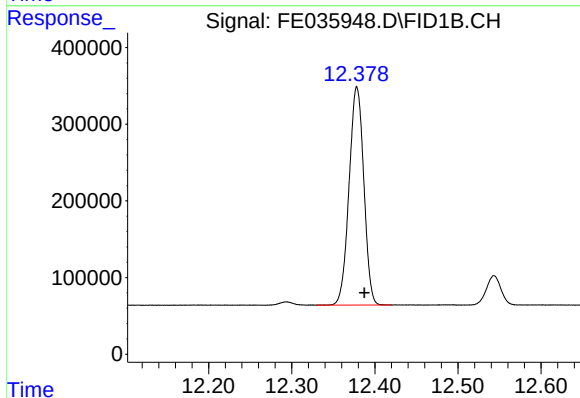
R.T.: 11.933 min
Delta R.T.: -0.012 min
Response: 458877
Conc: 3.85 ug/ml



#11 n-Heneicosane (C21)

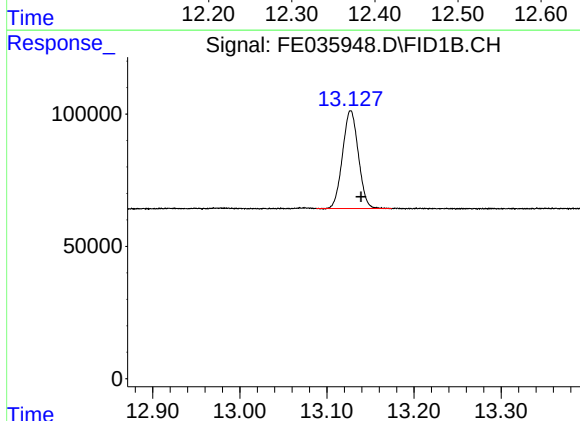
R.T.: 12.543 min
Delta R.T.: -0.011 min
Response: 464679
Conc: 3.87 ug/ml

Instrument :
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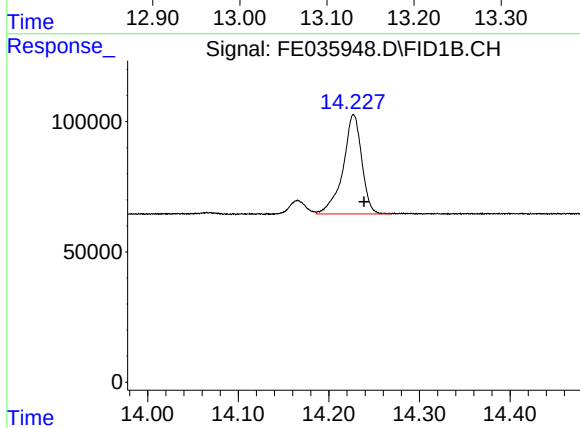
#12 1-chlorooctadecane (SURR)

R.T.: 12.378 min
Delta R.T.: -0.009 min
Response: 3501404
Conc: 33.47 ug/ml



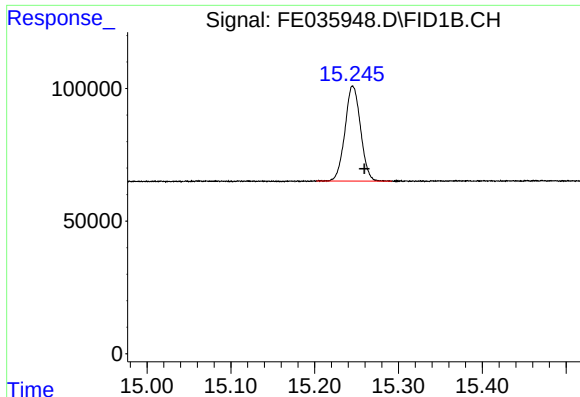
#13 n-Docosane (C22)

R.T.: 13.127 min
Delta R.T.: -0.012 min
Response: 466877
Conc: 3.88 ug/ml



#14 n-Tetracosane (C24)

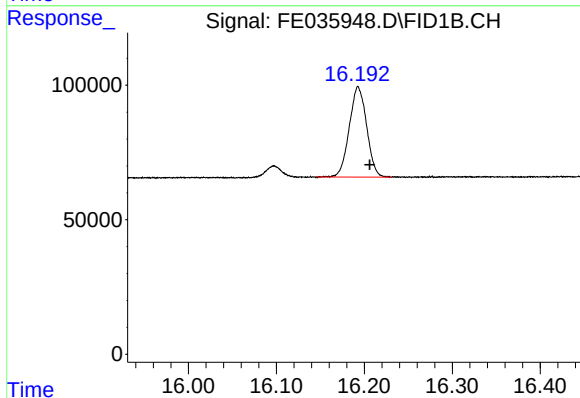
R.T.: 14.227 min
Delta R.T.: -0.012 min
Response: 548017
Conc: 4.53 ug/ml



#15 n-Hexacosane (C26)

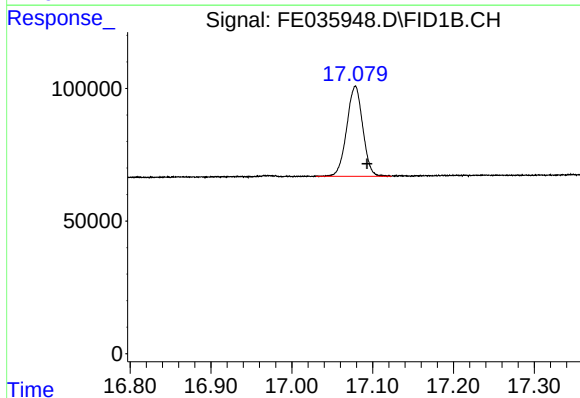
R.T.: 15.245 min
Delta R.T.: -0.014 min
Response: 462937
Conc: 3.83 ug/ml

Instrument :
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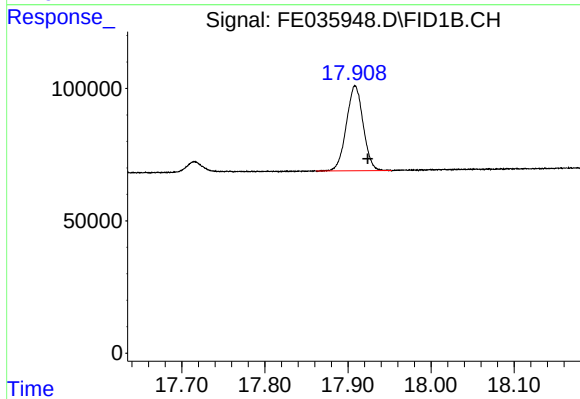
#16 n-Octacosane (C28)

R.T.: 16.193 min
Delta R.T.: -0.013 min
Response: 462896
Conc: 3.82 ug/ml



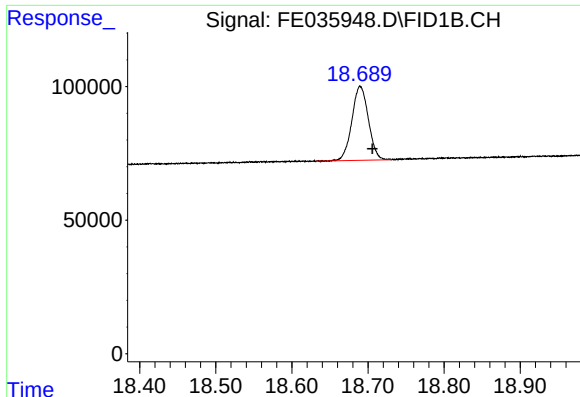
#17 n-Tricontane (C30)

R.T.: 17.079 min
Delta R.T.: -0.015 min
Response: 467073
Conc: 3.88 ug/ml



#18 n-Dotriacontane (C32)

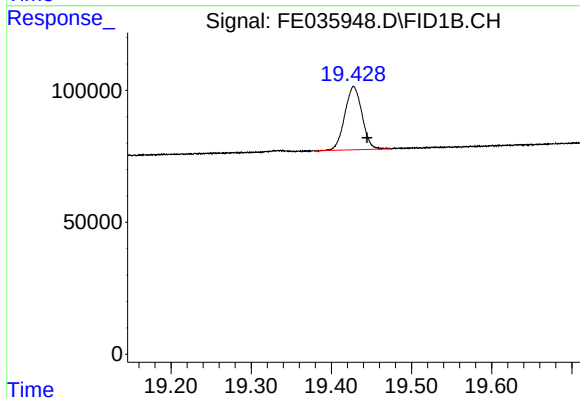
R.T.: 17.909 min
Delta R.T.: -0.015 min
Response: 451747
Conc: 3.93 ug/ml



#19 n-Tetratriacontane (C34)

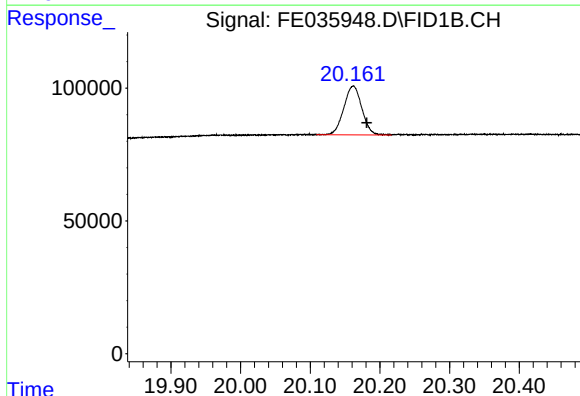
R.T.: 18.690 min
Delta R.T.: -0.016 min
Response: 418005
Conc: 3.86 ug/ml

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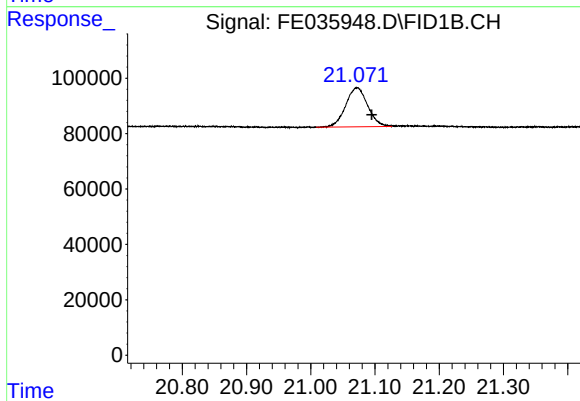
#20 n-Hexatriacontane (C36)

R.T.: 19.428 min
Delta R.T.: -0.017 min
Response: 358760
Conc: 3.56 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.162 min
Delta R.T.: -0.019 min
Response: 329701
Conc: 3.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.072 min
Delta R.T.: -0.023 min
Response: 336947
Conc: 3.61 ug/ml