

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
 Data File : FE035952.D
 Signal(s) : FID1B.CH
 Acq On : 07 Jun 2022 13:23
 Operator : YP\AJ
 Sample : N1645-08
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 LOQ-WATER-02-QT1-2022

Integration File: sample.E
 Quant Time: Jun 08 03:36:51 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...	12.379	3698958	35.361 ug/ml
Spiked Amount 50.000		Recovery =	70.72%
Target Compounds			
1) T n-Nonane (C9)	2.800	362076	3.032 ug/ml
2) T n-Decane (C10)	3.814	468813	3.962 ug/ml
4) T n-Dodecane (C12)	5.803	722555	6.031 ug/ml
6) T n-Tetradecane (C14)	7.591	566107	4.750 ug/ml
7) T n-Hexadecane (C16)	9.188	552768	4.636 ug/ml
8) T n-Octadecane (C18)	10.626	596711	4.978 ug/ml
10) T n-Eicosane (C20)	11.932	626594	5.252 ug/ml
11) T n-Heneicosane (C21)	12.542	639007	5.322 ug/ml
13) T n-Docosane (C22)	13.127	647392	5.376 ug/ml
14) T n-Tetracosane (C24)	14.227	759001	6.273 ug/ml
15) T n-Hexacosane (C26)	15.246	654945	5.412 ug/ml
16) T n-Octacosane (C28)	16.193	655249	5.407 ug/ml
17) T n-Tricontane (C30)	17.079	659157	5.482 ug/ml
18) T n-Dotriacontane (C32)	17.908	647445	5.634 ug/ml
19) T n-Tetratriacontane (C34)	18.689	590679	5.460 ug/ml
20) T n-Hexatriacontane (C36)	19.428	505563	5.019 ug/ml
21) T n-Octatriacontane (C38)	20.161	470114	4.934 ug/ml
22) T n-Tetracontane (C40)	21.071	474665	5.083 ug/ml

(f)=RT Delta > 1/2 Window

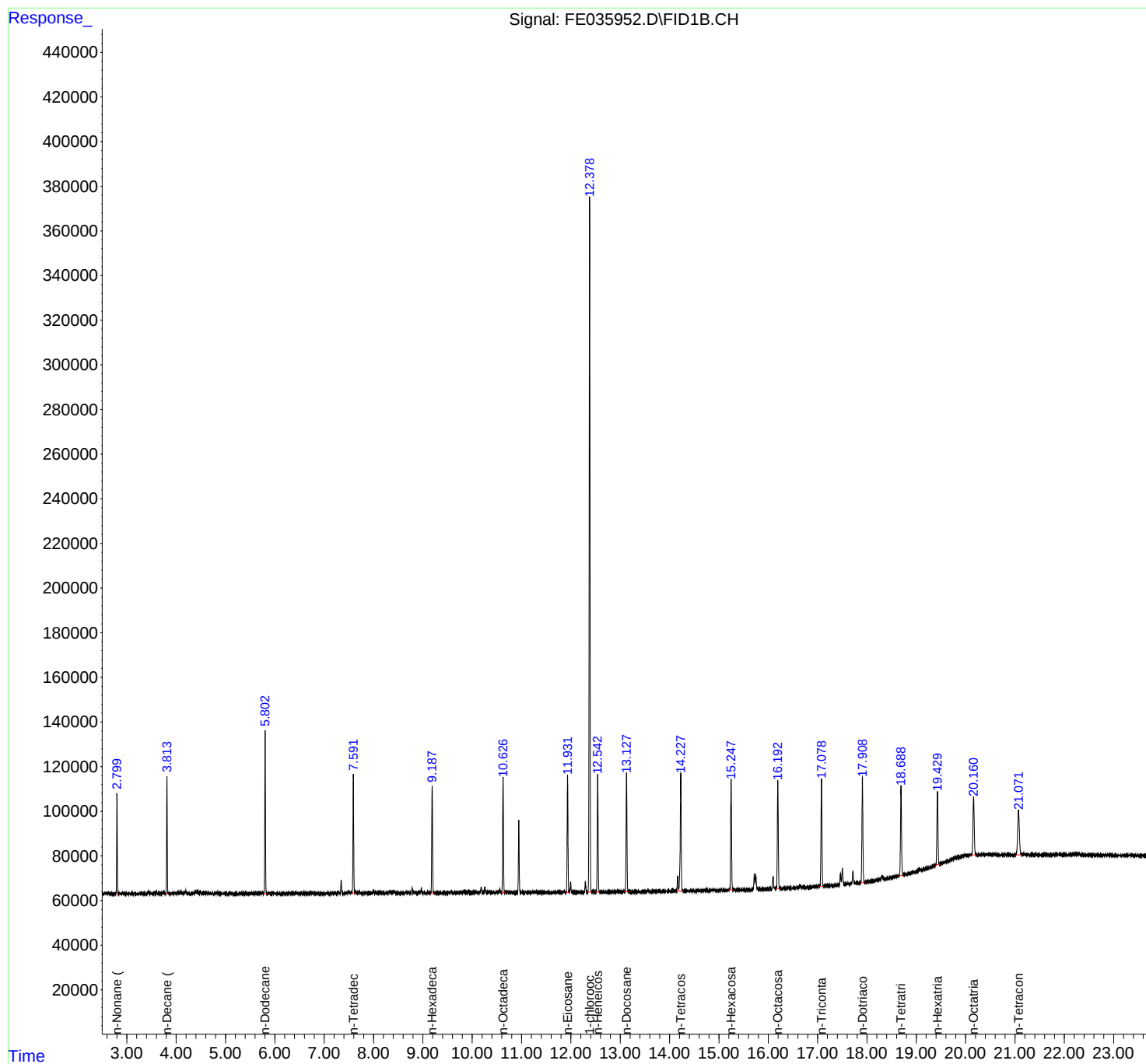
(m)=manual int.

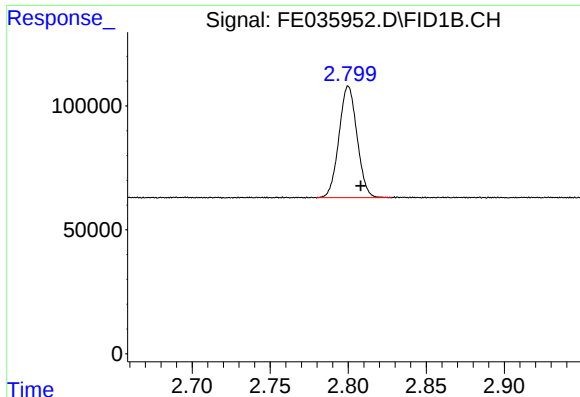
Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE060722AL\
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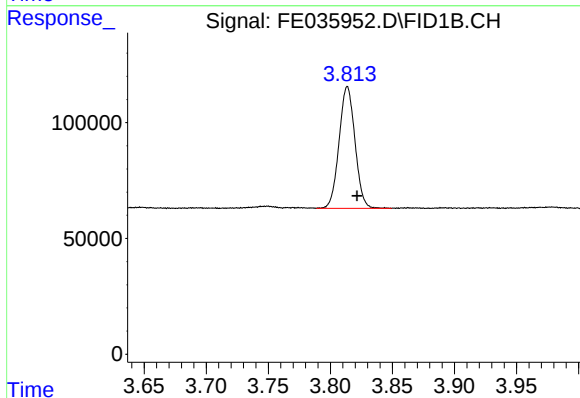




#1 n-Nonane (C9)

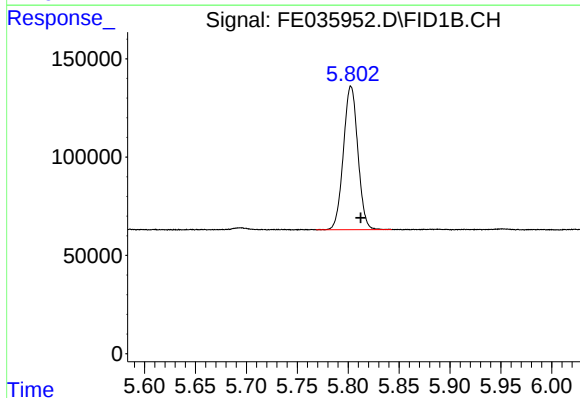
R.T.: 2.800 min
Delta R.T.: -0.008 min
Response: 362076
Conc: 3.03 ug/ml

Instrument :
FID_E
ClientSampleId :
LOQ-WATER-02-QT1-2022



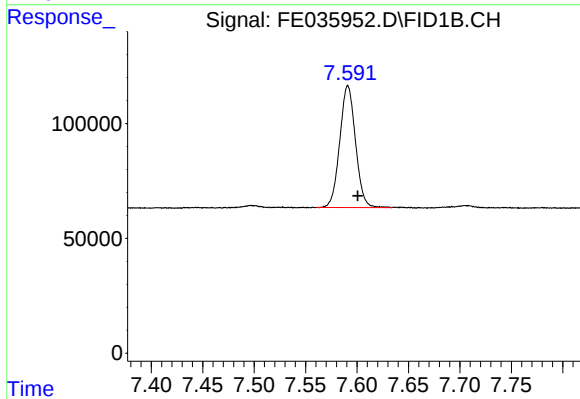
#2 n-Decane (C10)

R.T.: 3.814 min
Delta R.T.: -0.008 min
Response: 468813
Conc: 3.96 ug/ml



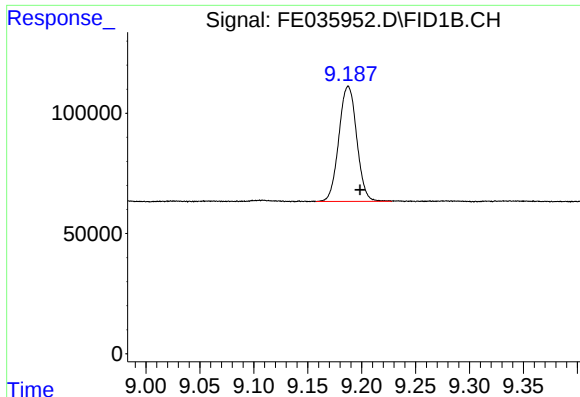
#4 n-Dodecane (C12)

R.T.: 5.803 min
Delta R.T.: -0.009 min
Response: 722555
Conc: 6.03 ug/ml



#6 n-Tetradecane (C14)

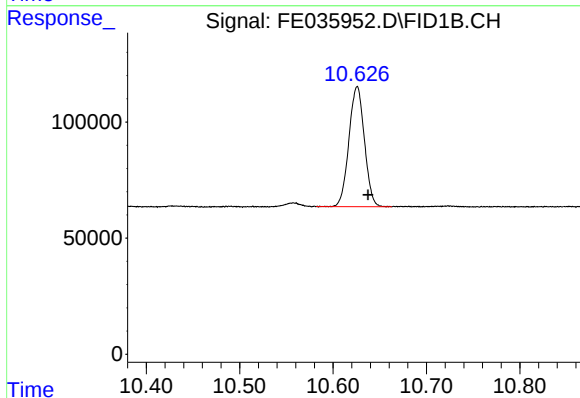
R.T.: 7.591 min
Delta R.T.: -0.010 min
Response: 566107
Conc: 4.75 ug/ml



#7 n-Hexadecane (C16)

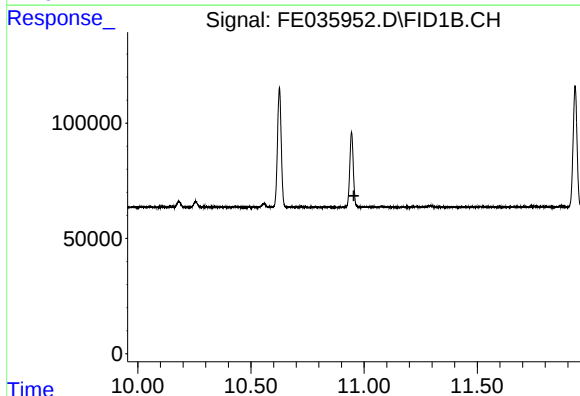
R.T.: 9.188 min
Delta R.T.: -0.011 min
Response: 552768
Conc: 4.64 ug/ml

Instrument :
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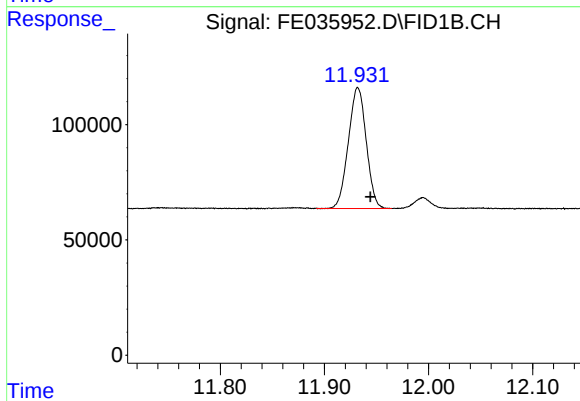
#8 n-Octadecane (C18)

R.T.: 10.626 min
Delta R.T.: -0.012 min
Response: 596711
Conc: 4.98 ug/ml



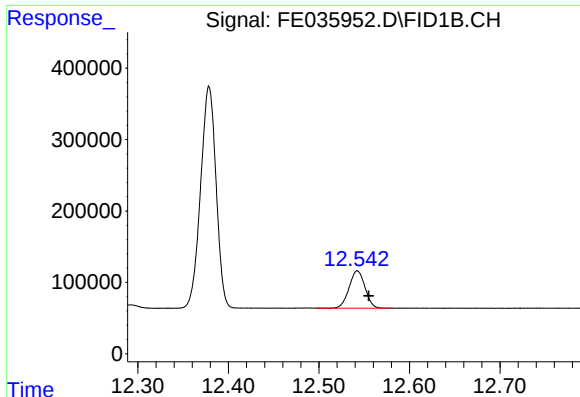
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

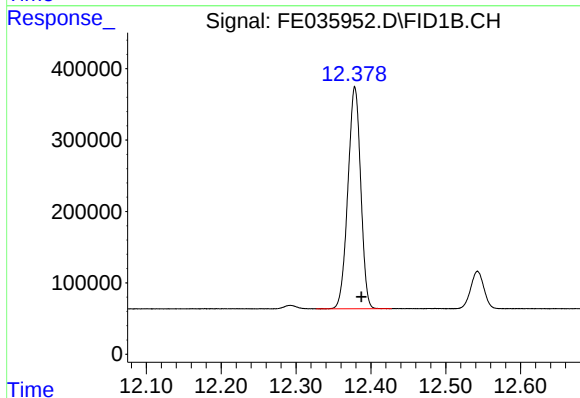
R.T.: 11.932 min
Delta R.T.: -0.012 min
Response: 626594
Conc: 5.25 ug/ml



#11 n-Heneicosane (C21)

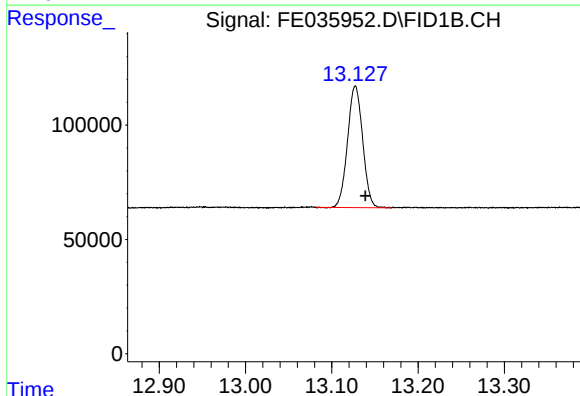
R.T.: 12.542 min
Delta R.T.: -0.012 min
Response: 639007
Conc: 5.32 ug/ml

Instrument :
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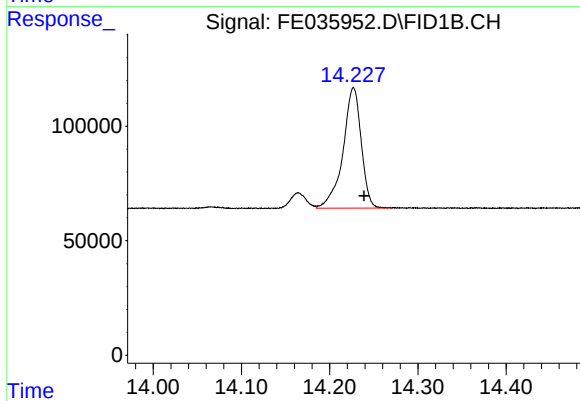
#12 1-chlorooctadecane (SURR)

R.T.: 12.379 min
Delta R.T.: -0.009 min
Response: 3698958
Conc: 35.36 ug/ml



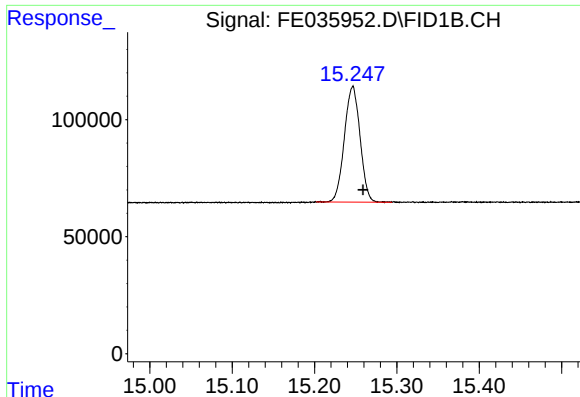
#13 n-Docosane (C22)

R.T.: 13.127 min
Delta R.T.: -0.012 min
Response: 647392
Conc: 5.38 ug/ml



#14 n-Tetracosane (C24)

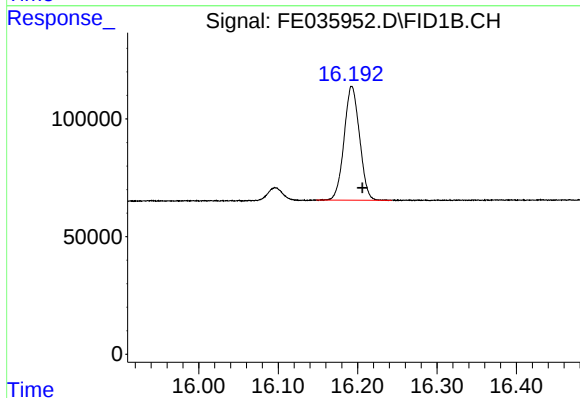
R.T.: 14.227 min
Delta R.T.: -0.012 min
Response: 759001
Conc: 6.27 ug/ml



#15 n-Hexacosane (C26)

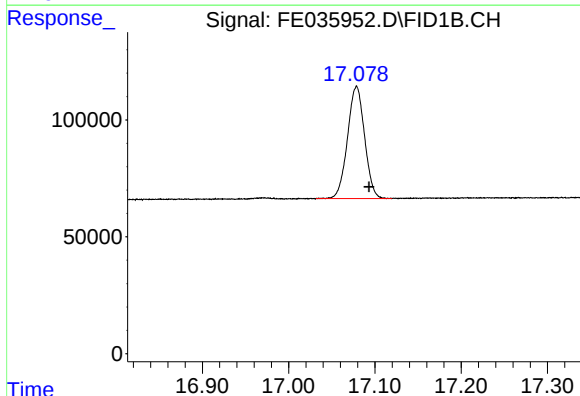
R.T.: 15.246 min
Delta R.T.: -0.013 min
Response: 654945
Conc: 5.41 ug/ml

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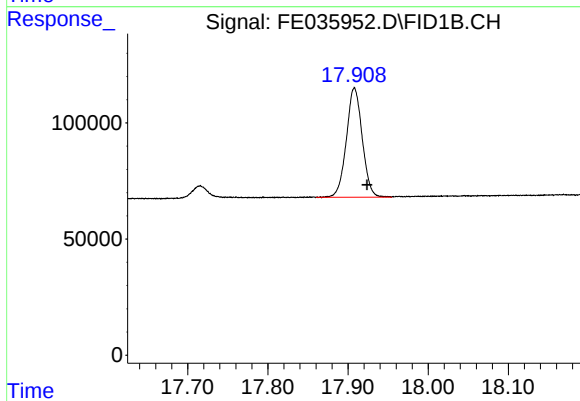
#16 n-Octacosane (C28)

R.T.: 16.193 min
Delta R.T.: -0.014 min
Response: 655249
Conc: 5.41 ug/ml



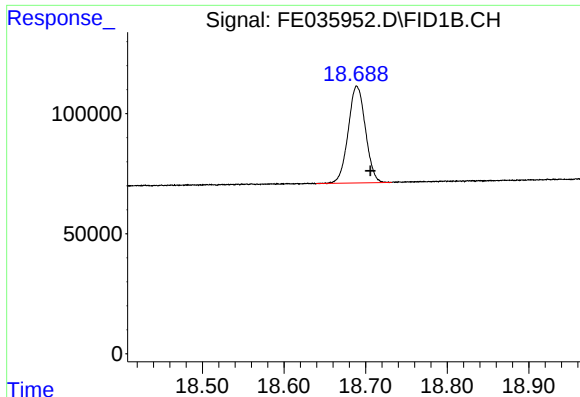
#17 n-Tricontane (C30)

R.T.: 17.079 min
Delta R.T.: -0.015 min
Response: 659157
Conc: 5.48 ug/ml



#18 n-Dotriacontane (C32)

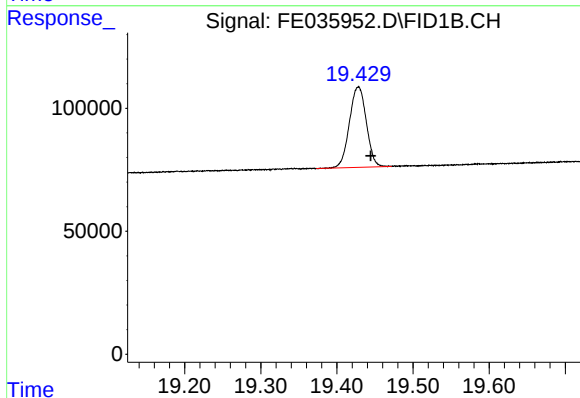
R.T.: 17.908 min
Delta R.T.: -0.016 min
Response: 647445
Conc: 5.63 ug/ml



#19 n-Tetratriacontane (C34)

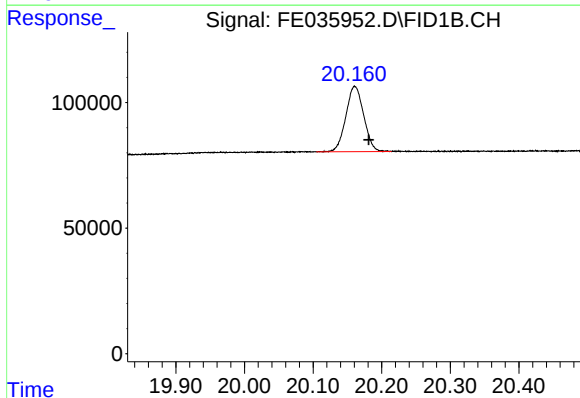
R.T.: 18.689 min
Delta R.T.: -0.017 min
Response: 590679
Conc: 5.46 ug/ml

Instrument :
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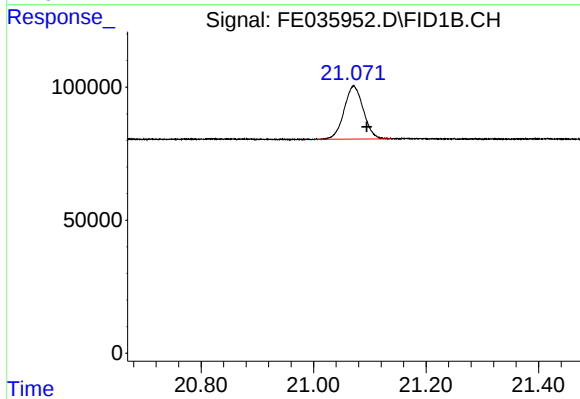
#20 n-Hexatriacontane (C36)

R.T.: 19.428 min
Delta R.T.: -0.016 min
Response: 505563
Conc: 5.02 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.161 min
Delta R.T.: -0.020 min
Response: 470114
Conc: 4.93 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.071 min
Delta R.T.: -0.023 min
Response: 474665
Conc: 5.08 ug/ml