

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016013.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 21:52
 Operator : YP\AJ
 Sample : Q2126-08
 Misc : 5 PPM WATER LOQ
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-WATER-02-QT2-2025

Integration File: autoint1.e
 Quant Time: Jun 17 01:57:04 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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...	13.441	5434879	48.474 ug/ml
Spiked Amount 50.000		Recovery =	96.95%
Target Compounds			
1) T n-Nonane (C9)	3.366	317144	2.705 ug/ml
2) T n-Decane (C10)	4.624	391372	3.270 ug/ml
4) T n-Dodecane (C12)	6.797	455801	3.765 ug/ml
6) T n-Tetradecane (C14)	8.628	501313	4.122 ug/ml
7) T n-Hexadecane (C16)	10.235	484708	3.830 ug/ml
8) T n-Octadecane (C18)	11.680	522649	4.008 ug/ml
10) T n-Eicosane (C20)	12.991	557258	4.339 ug/ml
11) T n-Heneicosane (C21)	13.604	529109	4.154 ug/ml
13) T n-Docosane (C22)	14.191	546432	4.271 ug/ml
14) T n-Tetracosane (C24)	15.296	553068	4.263 ug/ml
15) T n-Hexacosane (C26)	16.319	540601	4.214 ug/ml
16) T n-Octacosane (C28)	17.271	567573	4.525 ug/ml
17) T n-Tricontane (C30)	18.159	617783	4.939 ug/ml
18) T n-Dotriacontane (C32)	18.993	625431	5.290 ug/ml
19) T n-Tetratriacontane (C34)	19.779	570173	5.410 ug/ml
20) T n-Hexatriacontane (C36)	20.519	502408	5.583 ug/ml
21) T n-Octatriacontane (C38)	21.282	456139	5.644 ug/ml
22) T n-Tetracontane (C40)	22.237	417167	5.641 ug/ml

(f)=RT Delta > 1/2 Window

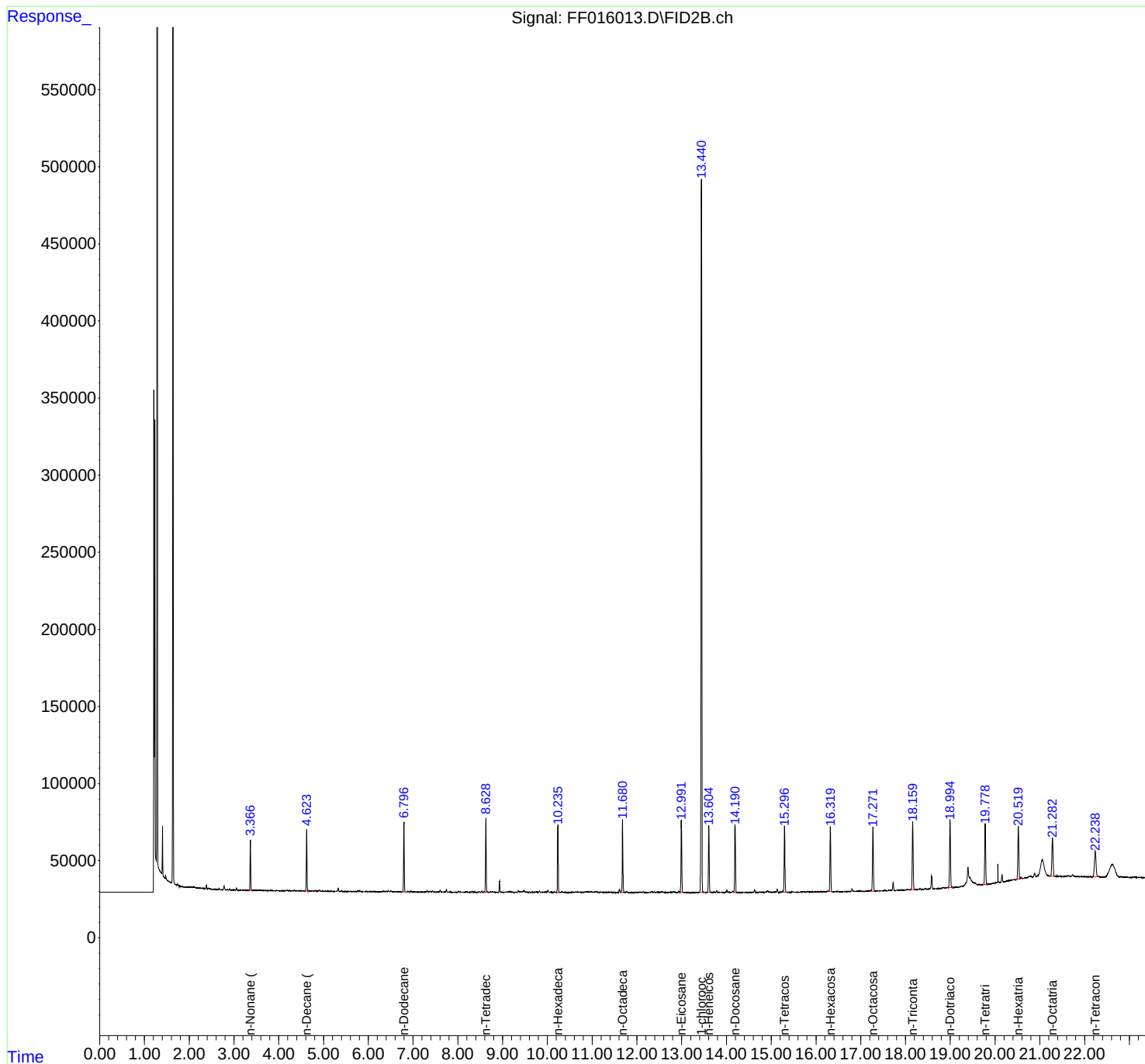
(m)=manual int.

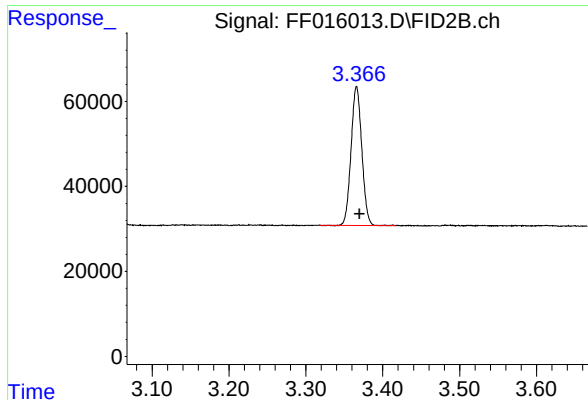
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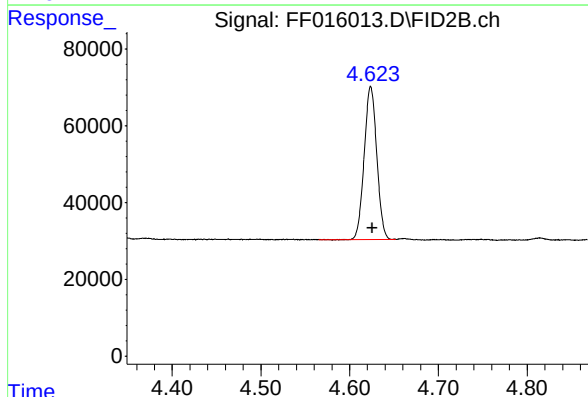




#1 n-Nonane (C9)

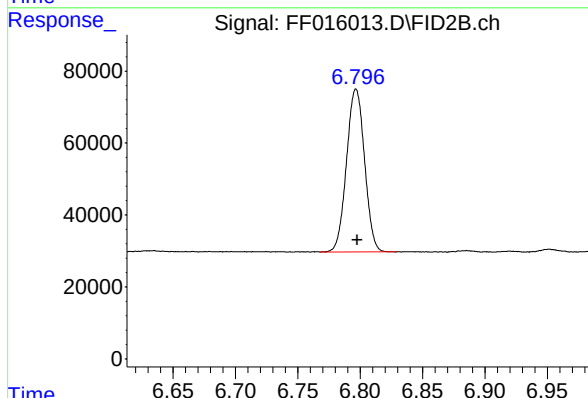
R.T.: 3.366 min
Delta R.T.: -0.004 min
Response: 317144
Conc: 2.70 ug/ml

Instrument :
FID_F
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LOQ-WATER-02-QT2-2025



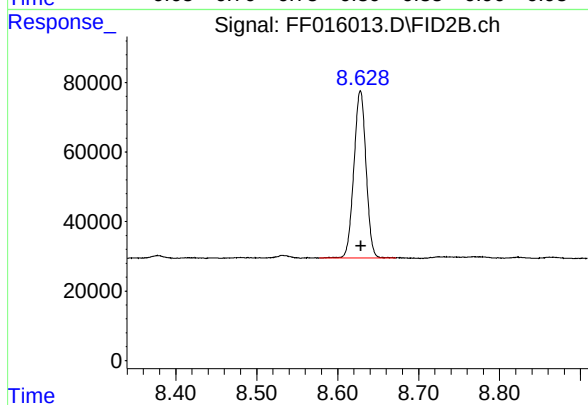
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 391372
Conc: 3.27 ug/ml



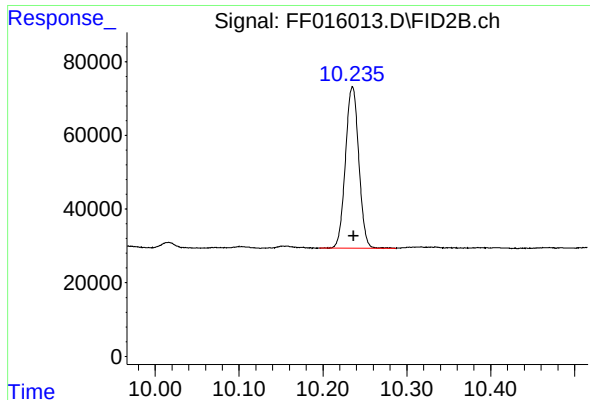
#4 n-Dodecane (C12)

R.T.: 6.797 min
Delta R.T.: -0.001 min
Response: 455801
Conc: 3.77 ug/ml



#6 n-Tetradecane (C14)

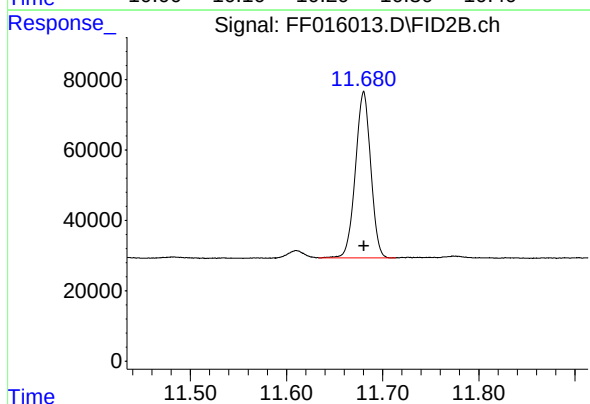
R.T.: 8.628 min
Delta R.T.: 0.000 min
Response: 501313
Conc: 4.12 ug/ml



#7 n-Hexadecane (C16)

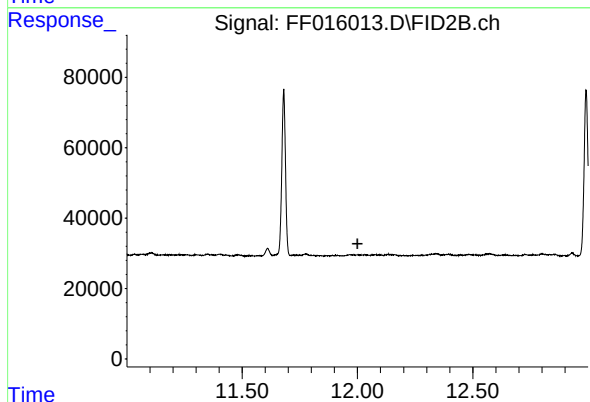
R.T.: 10.235 min
Delta R.T.: -0.001 min
Response: 484708
Conc: 3.83 ug/ml

Instrument :
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LOQ-WATER-02-QT2-2025



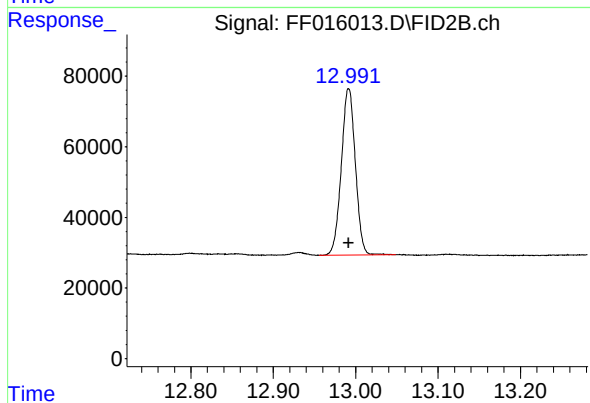
#8 n-Octadecane (C18)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 522649
Conc: 4.01 ug/ml



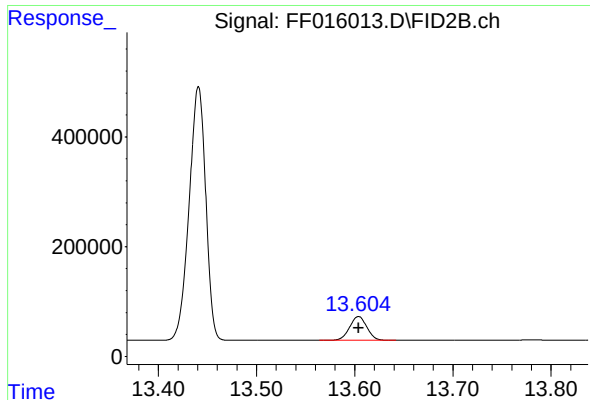
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.000 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

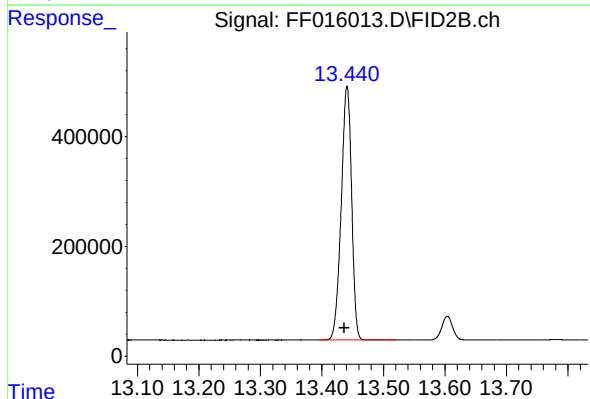
R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 557258
Conc: 4.34 ug/ml



#11 n-Heneicosane (C21)

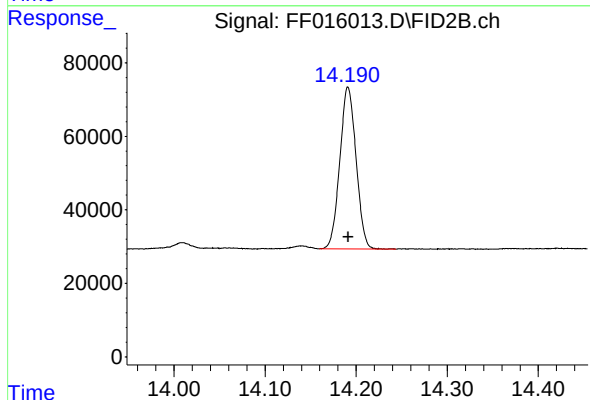
R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 529109
Conc: 4.15 ug/ml

Instrument :
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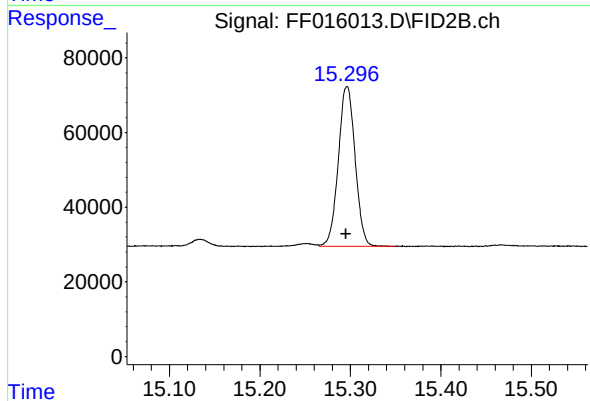
#12 1-chlorooctadecane (SURR)

R.T.: 13.441 min
Delta R.T.: 0.004 min
Response: 5434879
Conc: 48.47 ug/ml



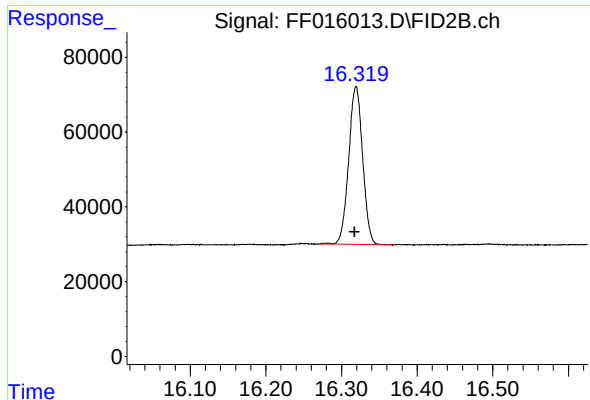
#13 n-Docosane (C22)

R.T.: 14.191 min
Delta R.T.: 0.000 min
Response: 546432
Conc: 4.27 ug/ml



#14 n-Tetracosane (C24)

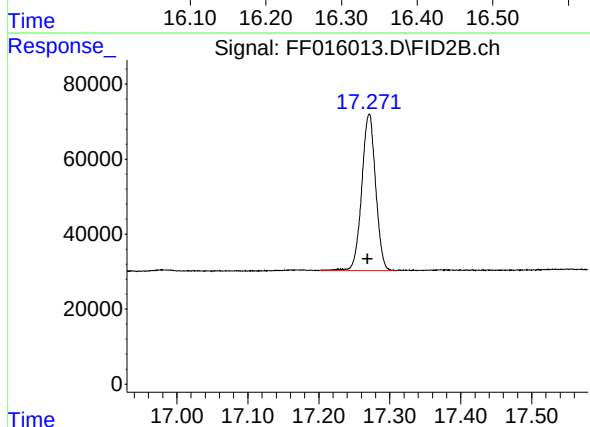
R.T.: 15.296 min
Delta R.T.: 0.001 min
Response: 553068
Conc: 4.26 ug/ml



#15 n-Hexacosane (C26)

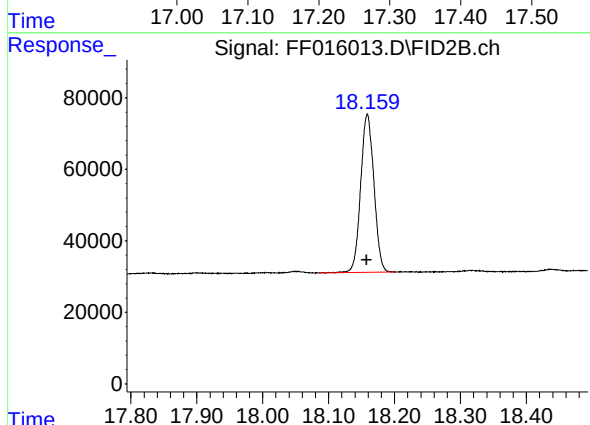
R.T.: 16.319 min
Delta R.T.: 0.002 min
Response: 540601
Conc: 4.21 ug/ml

Instrument :
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LOQ-WATER-02-QT2-2025



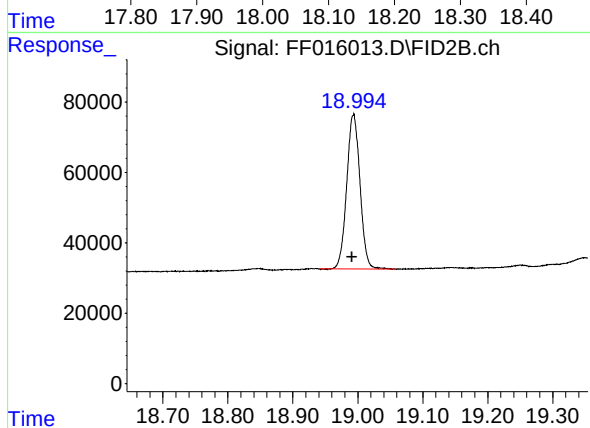
#16 n-Octacosane (C28)

R.T.: 17.271 min
Delta R.T.: 0.002 min
Response: 567573
Conc: 4.52 ug/ml



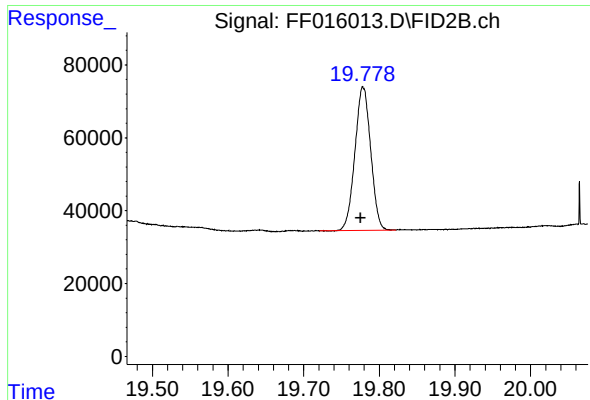
#17 n-Tricontane (C30)

R.T.: 18.159 min
Delta R.T.: 0.000 min
Response: 617783
Conc: 4.94 ug/ml



#18 n-Dotriacontane (C32)

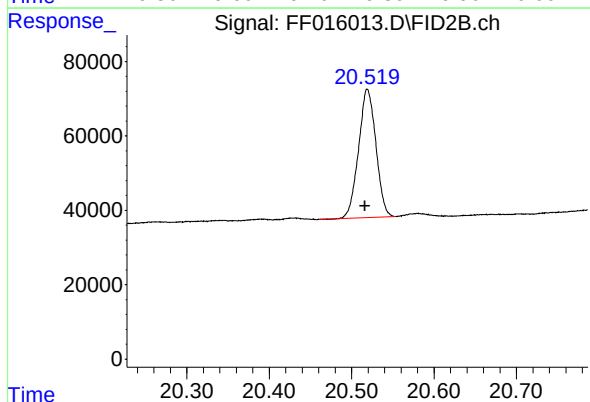
R.T.: 18.993 min
Delta R.T.: 0.002 min
Response: 625431
Conc: 5.29 ug/ml



#19 n-Tetratriacontane (C34)

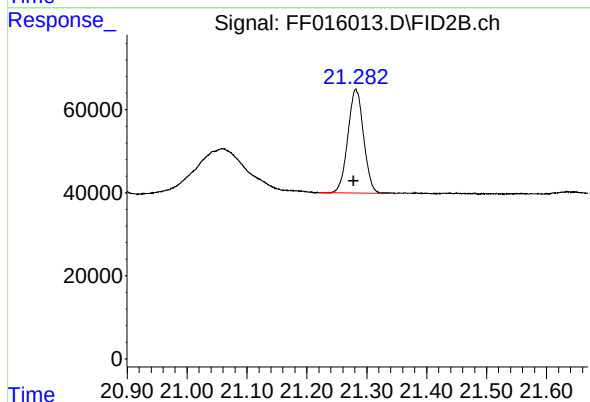
R.T.: 19.779 min
Delta R.T.: 0.003 min
Response: 570173
Conc: 5.41 ug/ml

Instrument :
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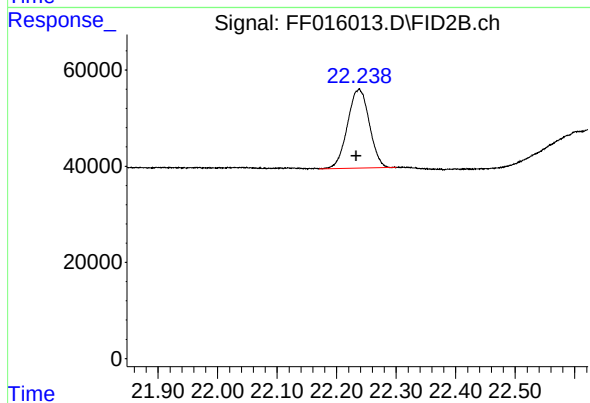
#20 n-Hexatriacontane (C36)

R.T.: 20.519 min
Delta R.T.: 0.003 min
Response: 502408
Conc: 5.58 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.282 min
Delta R.T.: 0.004 min
Response: 456139
Conc: 5.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.237 min
Delta R.T.: 0.005 min
Response: 417167
Conc: 5.64 ug/ml