

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080524AL\
 Data File : FD048155.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 12:57
 Operator : YP/AJ
 Sample : P3390-09
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 06 04:28:49 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 080224.M
 Quant Title : GC Extractables
 QLast Update : Fri Aug 02 14:07:46 2024
 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...	12.734	6318600	41.383 ug/ml
Spiked Amount 50.000		Recovery =	82.77%
Target Compounds			
1) T n-Nonane (C9)	3.148	235101	1.305 ug/ml
2) T n-Decane (C10)	4.193	298662	1.612 ug/ml
4) T n-Dodecane (C12)	6.186	478824	2.554 ug/ml
6) T n-Tetradecane (C14)	7.967	402723	2.162 ug/ml
7) T n-Hexadecane (C16)	9.558	366577	1.930 ug/ml
8) T n-Octadecane (C18)	10.990	399632	2.082 ug/ml
10) T n-Eicosane (C20)	12.291	400571	2.179 ug/ml
11) T n-Heneicosane (C21)	12.900	380677	2.108 ug/ml
13) T n-Docosane (C22)	13.482	406827	2.278 ug/ml
14) T n-Tetracosane (C24)	14.580	419378	2.376 ug/ml
15) T n-Hexacosane (C26)	15.595	397958	2.332 ug/ml
16) T n-Octacosane (C28)	16.539	391599	2.375 ug/ml
17) T n-Tricontane (C30)	17.423	404334	2.448 ug/ml
18) T n-Dotriacontane (C32)	18.250	415020	2.618 ug/ml
19) T n-Tetratriacontane (C34)	19.030	376431	2.498 ug/ml
20) T n-Hexatriacontane (C36)	19.765	329195	2.318 ug/ml
21) T n-Octatriacontane (C38)	20.464	308983	2.233 ug/ml
22) T n-Tetracontane (C40)	21.252	276992	2.090 ug/ml

(f)=RT Delta > 1/2 Window

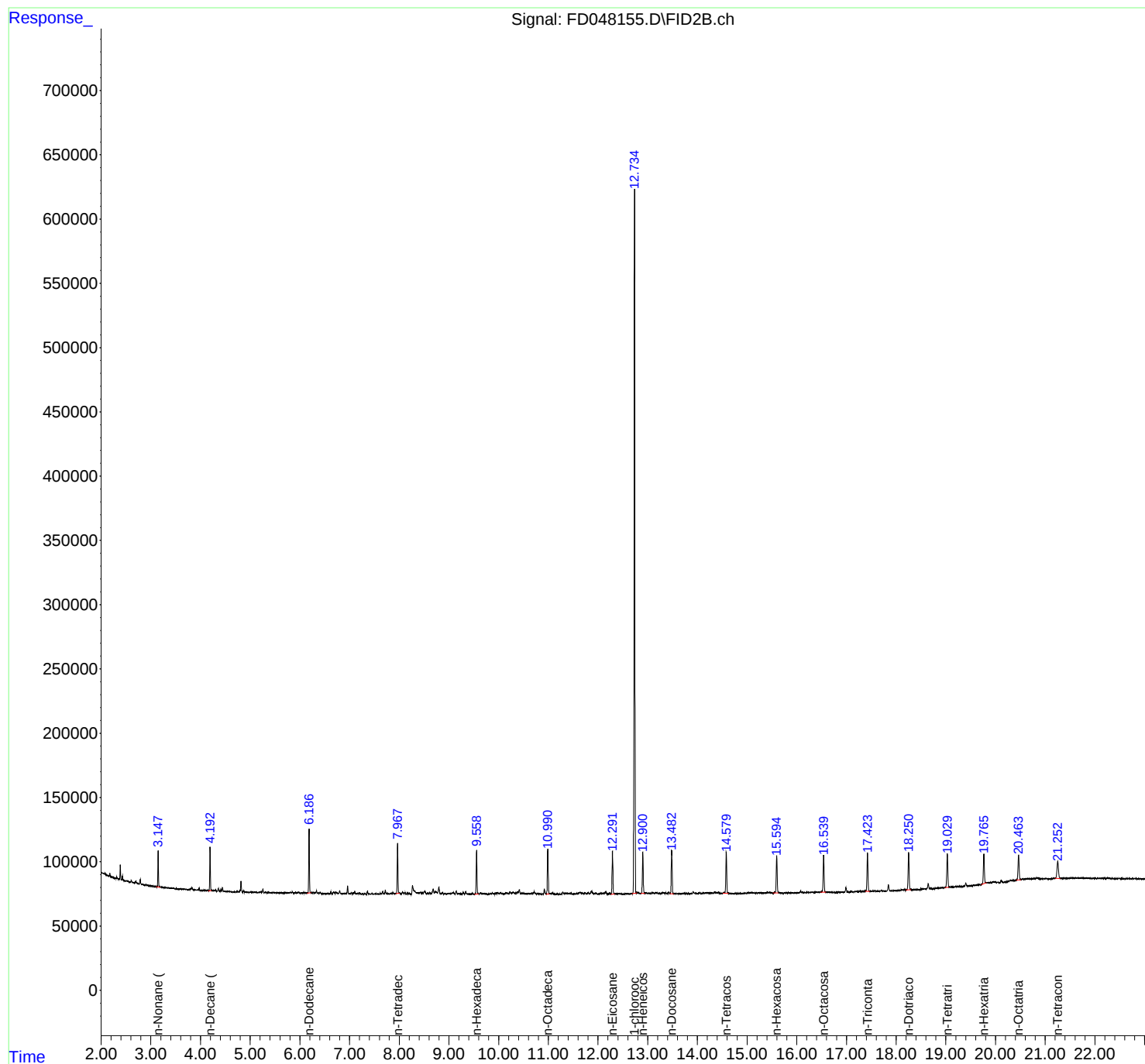
(m)=manual int.

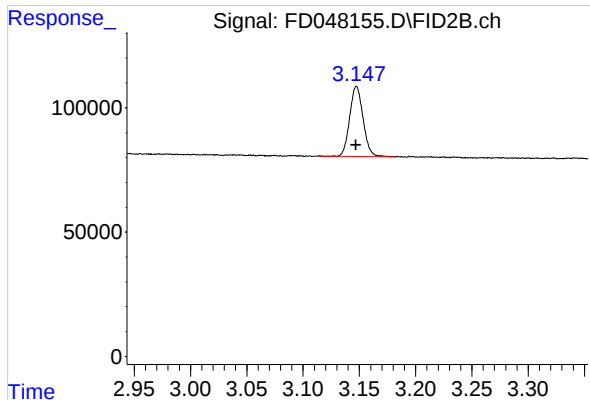
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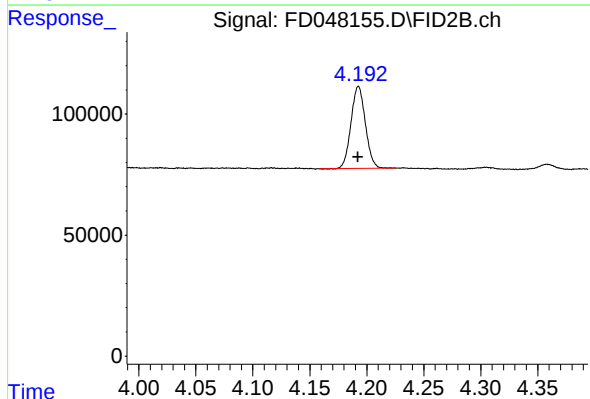




#1 n-Nonane (C9)

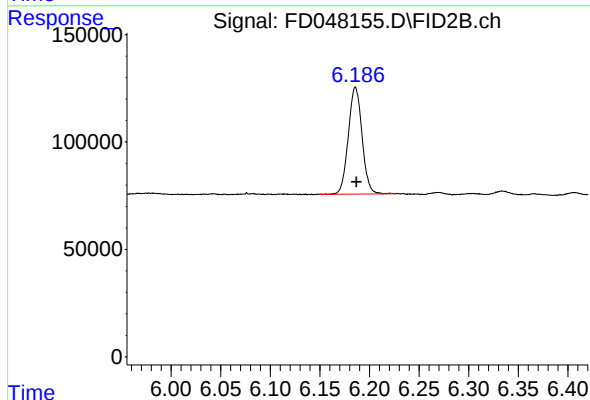
R.T.: 3.148 min
Delta R.T.: 0.000 min
Response: 235101
Conc: 1.30 ug/ml

Instrument :
FID_D
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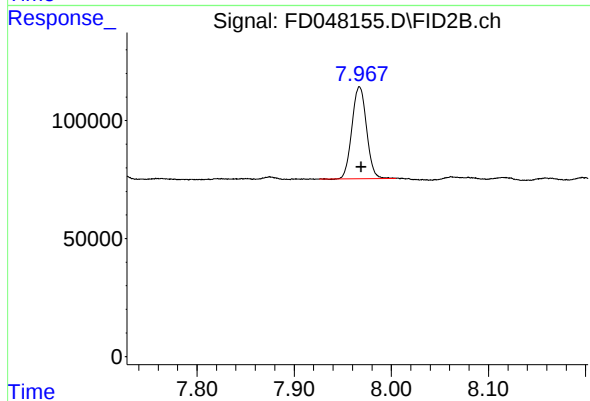
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 298662
Conc: 1.61 ug/ml



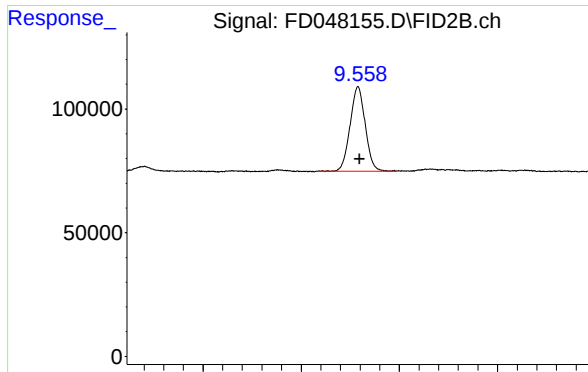
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: -0.001 min
Response: 478824
Conc: 2.55 ug/ml



#6 n-Tetradecane (C14)

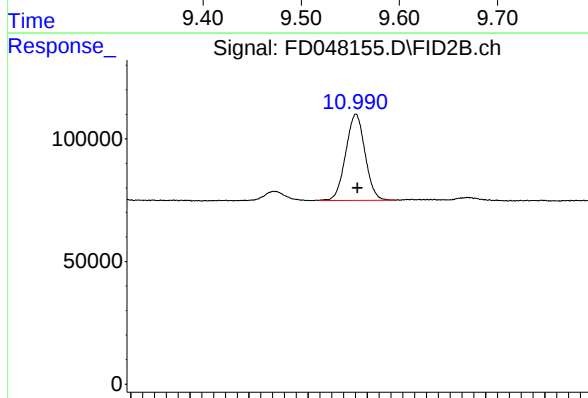
R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 402723
Conc: 2.16 ug/ml



#7 n-Hexadecane (C16)

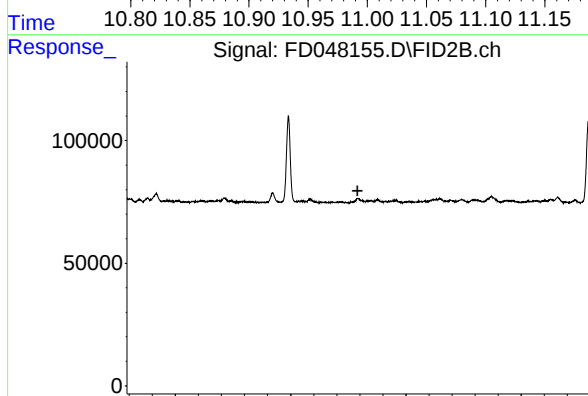
R.T.: 9.558 min
Delta R.T.: -0.002 min
Response: 366577
Conc: 1.93 ug/ml

Instrument :
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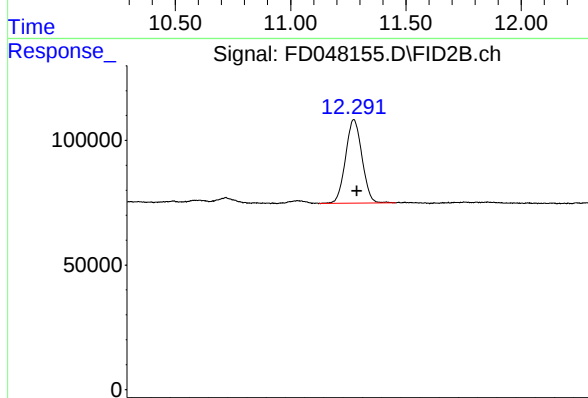
#8 n-Octadecane (C18)

R.T.: 10.990 min
Delta R.T.: -0.001 min
Response: 399632
Conc: 2.08 ug/ml



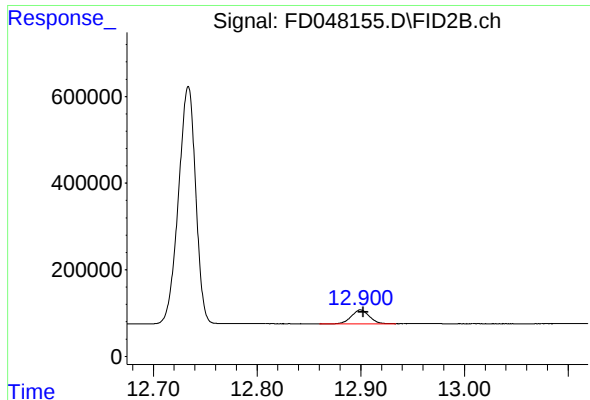
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.290 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

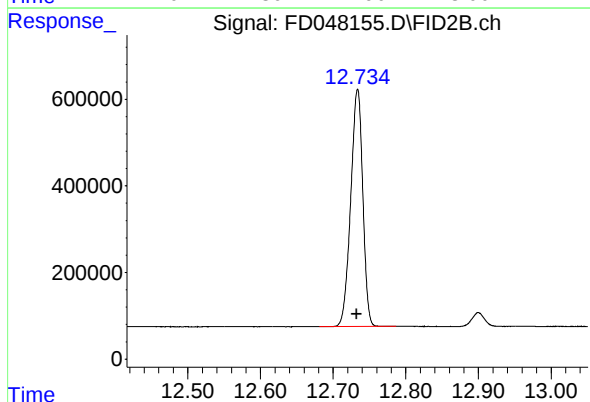
R.T.: 12.291 min
Delta R.T.: -0.003 min
Response: 400571
Conc: 2.18 ug/ml



#11 n-Heneicosane (C21)

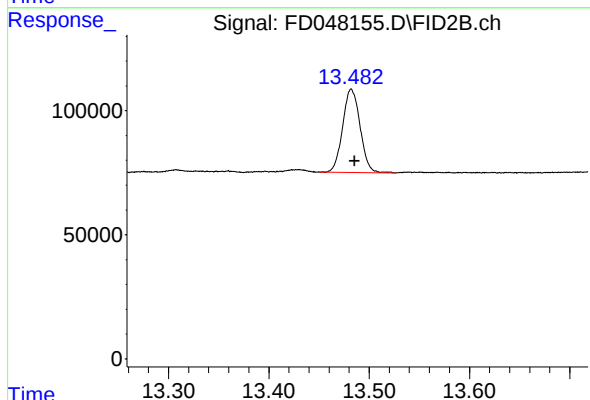
R.T.: 12.900 min
Delta R.T.: -0.002 min
Response: 380677
Conc: 2.11 ug/ml

Instrument :
FID_D
ClientSampleId :
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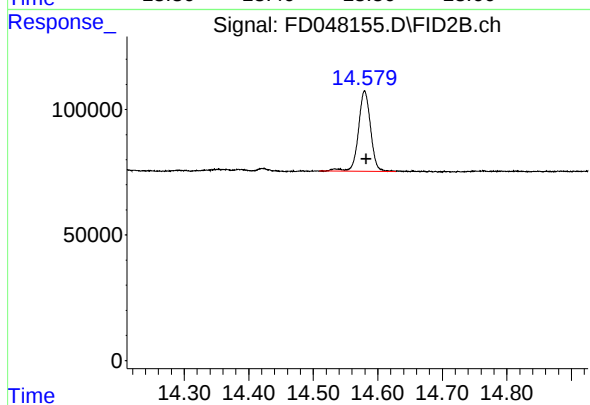
#12 1-chlorooctadecane (SURR)

R.T.: 12.734 min
Delta R.T.: 0.002 min
Response: 6318600
Conc: 41.38 ug/ml



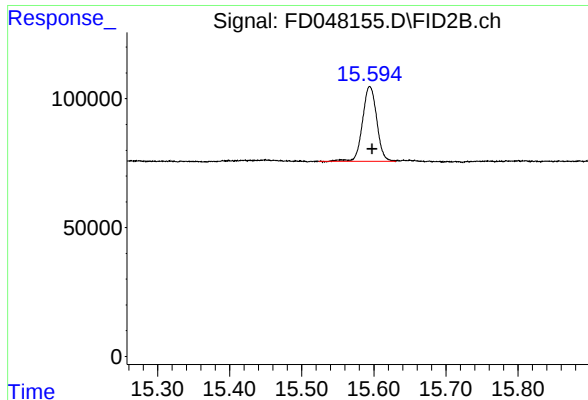
#13 n-Docosane (C22)

R.T.: 13.482 min
Delta R.T.: -0.003 min
Response: 406827
Conc: 2.28 ug/ml



#14 n-Tetracosane (C24)

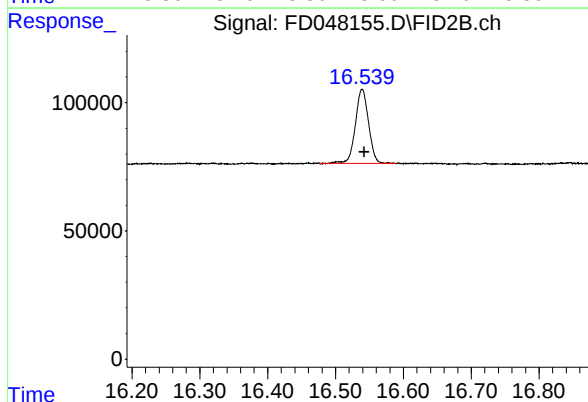
R.T.: 14.580 min
Delta R.T.: -0.003 min
Response: 419378
Conc: 2.38 ug/ml



#15 n-Hexacosane (C26)

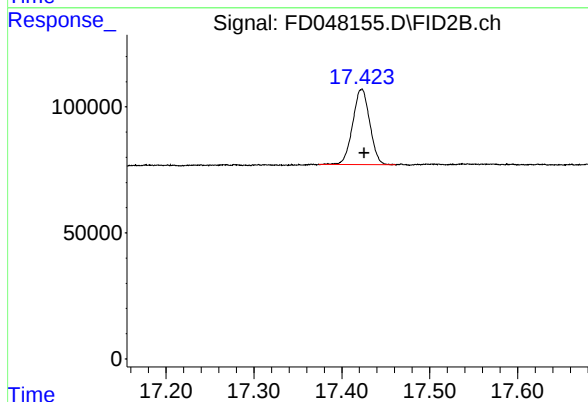
R.T.: 15.595 min
Delta R.T.: -0.003 min
Response: 397958
Conc: 2.33 ug/ml

Instrument :
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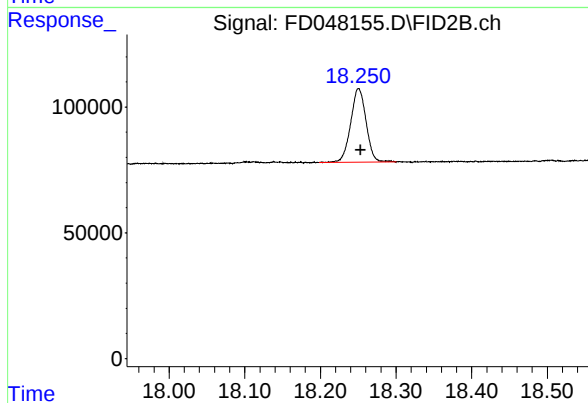
#16 n-Octacosane (C28)

R.T.: 16.539 min
Delta R.T.: -0.003 min
Response: 391599
Conc: 2.38 ug/ml



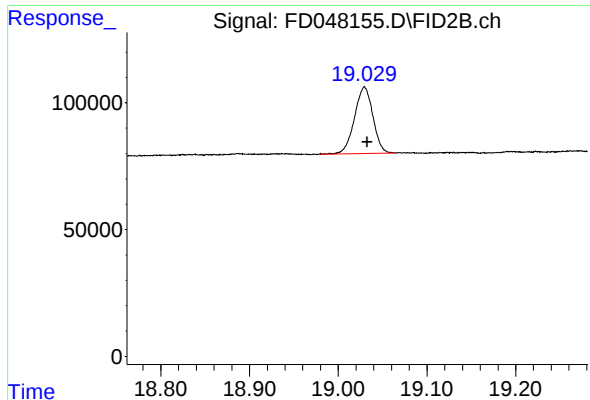
#17 n-Tricontane (C30)

R.T.: 17.423 min
Delta R.T.: -0.003 min
Response: 404334
Conc: 2.45 ug/ml



#18 n-Dotriacontane (C32)

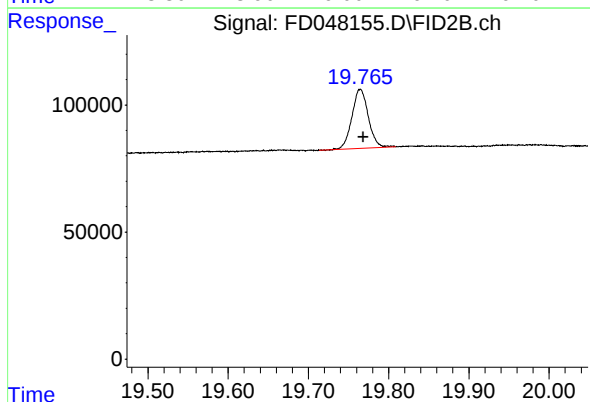
R.T.: 18.250 min
Delta R.T.: -0.003 min
Response: 415020
Conc: 2.62 ug/ml



#19 n-Tetratriacontane (C34)

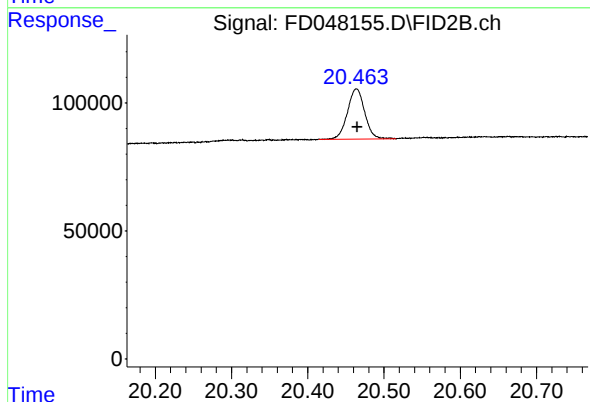
R.T.: 19.030 min
Delta R.T.: -0.003 min
Response: 376431
Conc: 2.50 ug/ml

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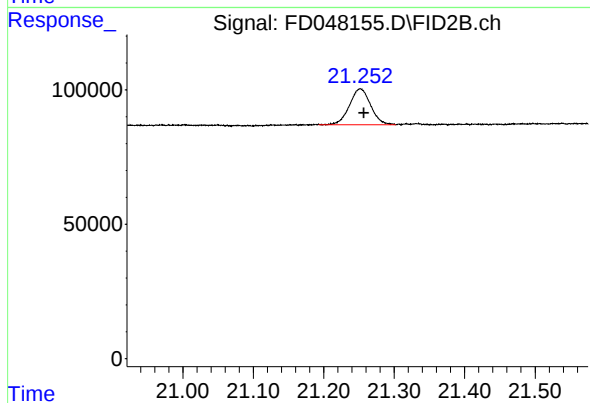
#20 n-Hexatriacontane (C36)

R.T.: 19.765 min
Delta R.T.: -0.004 min
Response: 329195
Conc: 2.32 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.464 min
Delta R.T.: -0.001 min
Response: 308983
Conc: 2.23 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.005 min
Response: 276992
Conc: 2.09 ug/ml