

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD080524AL\
 Data File : FD048154.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 12:15
 Operator : YP/AJ
 Sample : P3390-03
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

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

Integration File: autoint1.e
 Quant Time: Aug 06 04:28:41 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...	12.735	6323209	41.413 ug/ml
Spiked Amount 50.000		Recovery =	82.83%
Target Compounds			
1) T n-Nonane (C9)	3.148	235542	1.307 ug/ml
2) T n-Decane (C10)	4.193	299212	1.615 ug/ml
4) T n-Dodecane (C12)	6.186	480991	2.566 ug/ml
6) T n-Tetradecane (C14)	7.967	408961	2.195 ug/ml
7) T n-Hexadecane (C16)	9.557	362195	1.907 ug/ml
8) T n-Octadecane (C18)	10.990	399299	2.081 ug/ml
10) T n-Eicosane (C20)	12.292	396383	2.156 ug/ml
11) T n-Heneicosane (C21)	12.900	378336	2.095 ug/ml
13) T n-Docosane (C22)	13.483	408252	2.286 ug/ml
14) T n-Tetracosane (C24)	14.581	420826	2.384 ug/ml
15) T n-Hexacosane (C26)	15.595	391819	2.296 ug/ml
16) T n-Octacosane (C28)	16.540	392023	2.378 ug/ml
17) T n-Tricontane (C30)	17.422	409185	2.477 ug/ml
18) T n-Dotriacontane (C32)	18.250	422105	2.662 ug/ml
19) T n-Tetratriacontane (C34)	19.029	374950	2.488 ug/ml
20) T n-Hexatriacontane (C36)	19.766	332097	2.338 ug/ml
21) T n-Octatriacontane (C38)	20.463	304770	2.202 ug/ml
22) T n-Tetracontane (C40)	21.252	266706	2.012 ug/ml

(f)=RT Delta > 1/2 Window

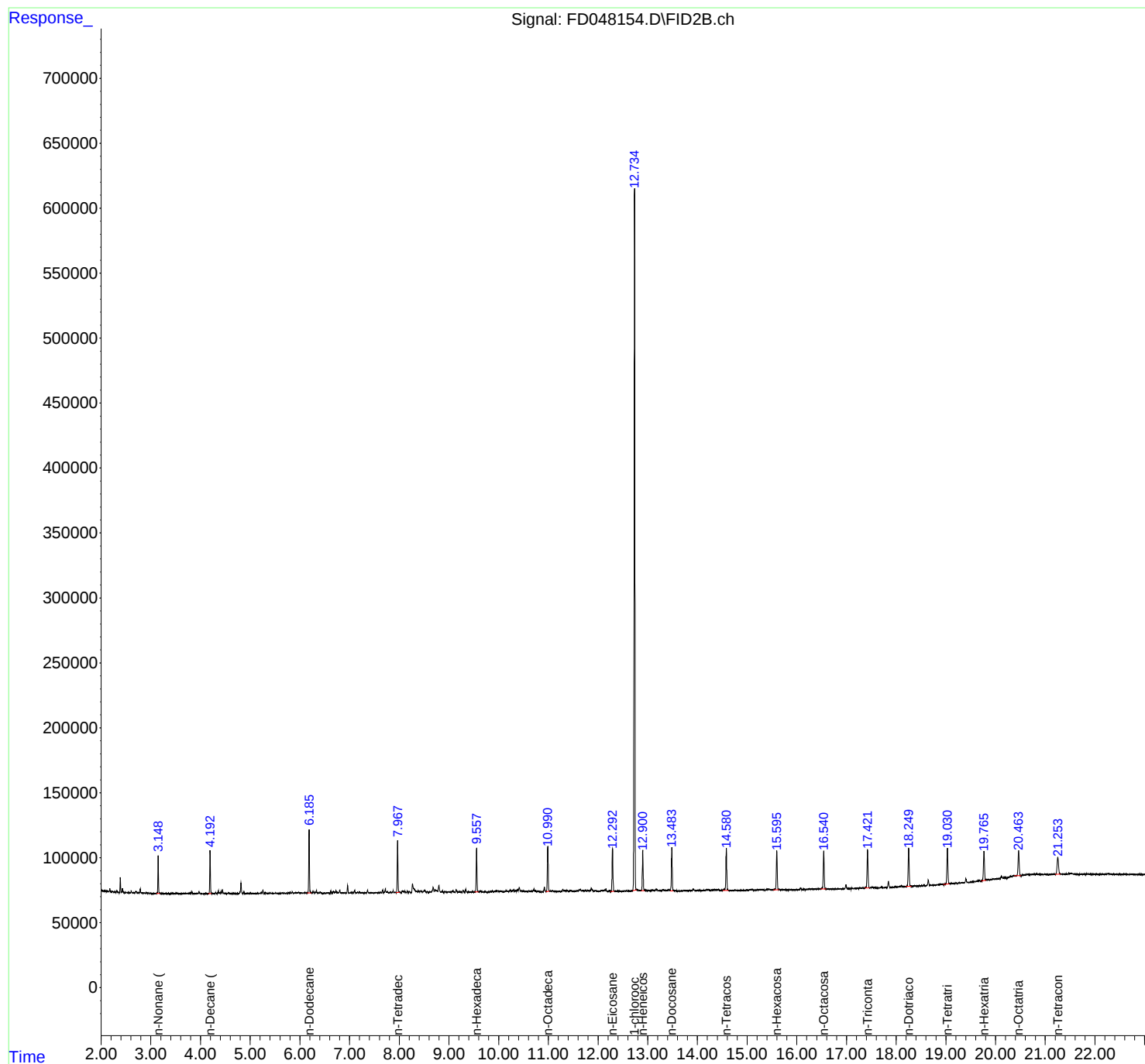
(m)=manual int.

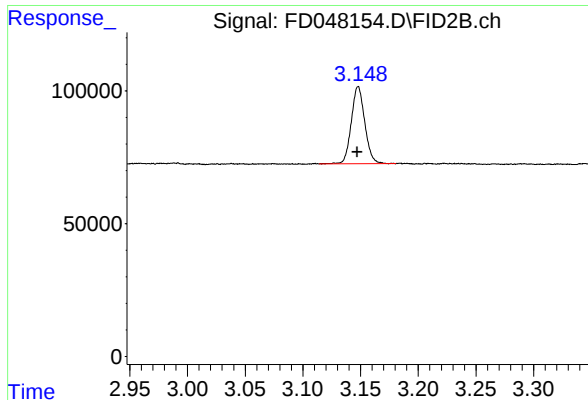
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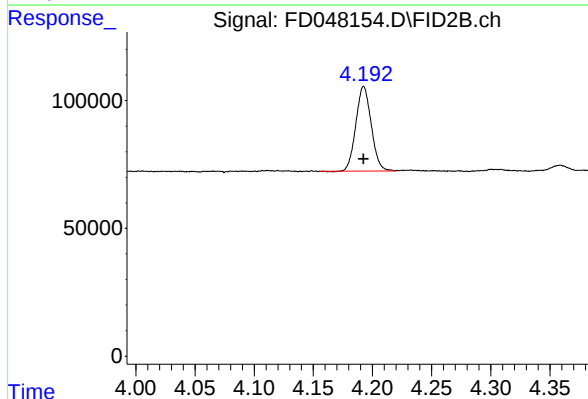




#1 n-Nonane (C9)

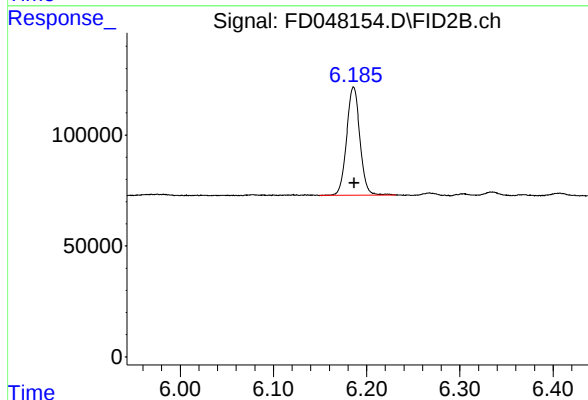
R.T.: 3.148 min
Delta R.T.: 0.000 min
Response: 235542
Conc: 1.31 ug/ml

Instrument :
FID_D
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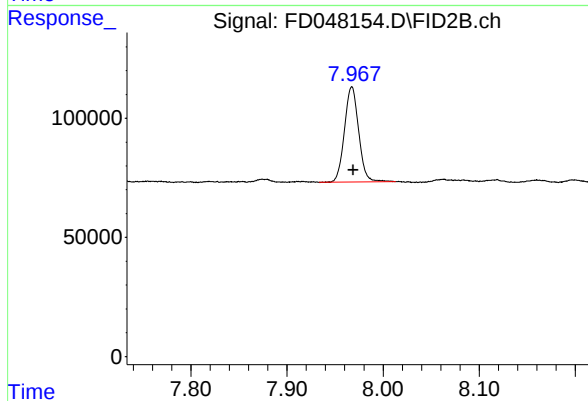
#2 n-Decane (C10)

R.T.: 4.193 min
Delta R.T.: 0.000 min
Response: 299212
Conc: 1.61 ug/ml



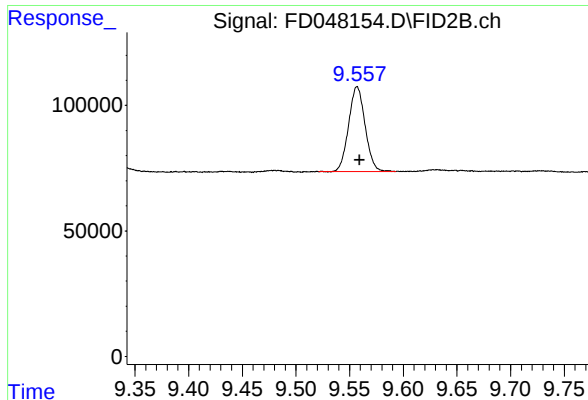
#4 n-Dodecane (C12)

R.T.: 6.186 min
Delta R.T.: 0.000 min
Response: 480991
Conc: 2.57 ug/ml



#6 n-Tetradecane (C14)

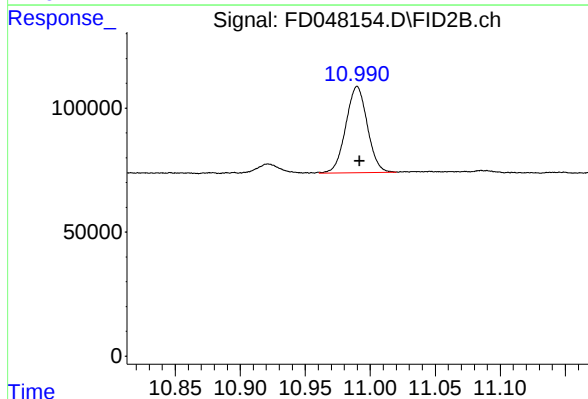
R.T.: 7.967 min
Delta R.T.: -0.002 min
Response: 408961
Conc: 2.20 ug/ml



#7 n-Hexadecane (C16)

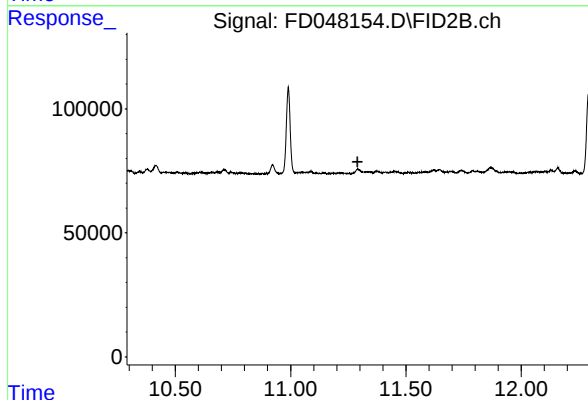
R.T.: 9.557 min
Delta R.T.: -0.002 min
Response: 362195
Conc: 1.91 ug/ml

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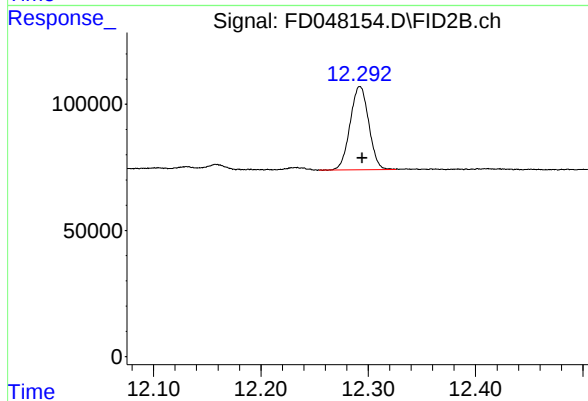
#8 n-Octadecane (C18)

R.T.: 10.990 min
Delta R.T.: -0.002 min
Response: 399299
Conc: 2.08 ug/ml



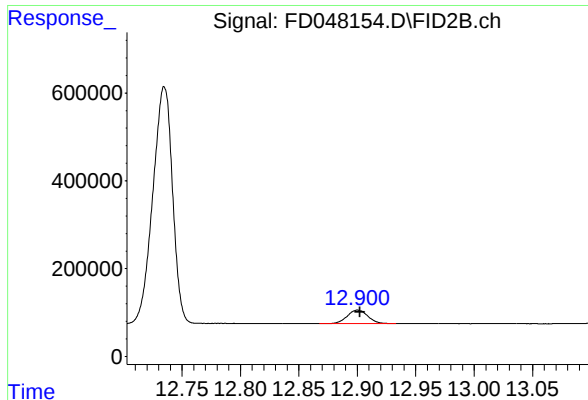
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

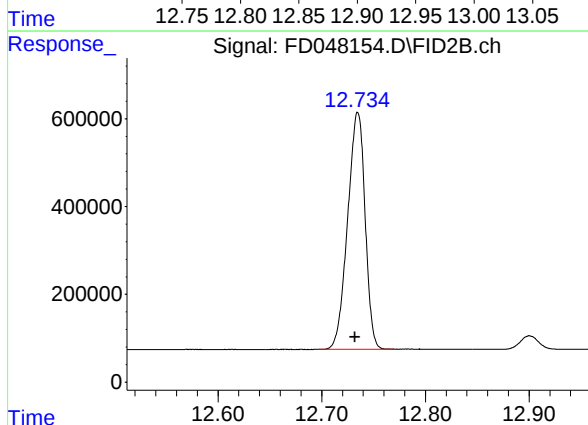
R.T.: 12.292 min
Delta R.T.: -0.002 min
Response: 396383
Conc: 2.16 ug/ml



#11 n-Heneicosane (C21)

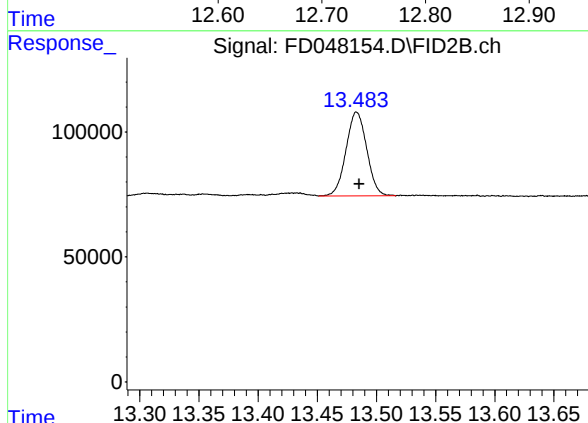
R.T.: 12.900 min
Delta R.T.: -0.002 min
Response: 378336
Conc: 2.09 ug/ml

Instrument :
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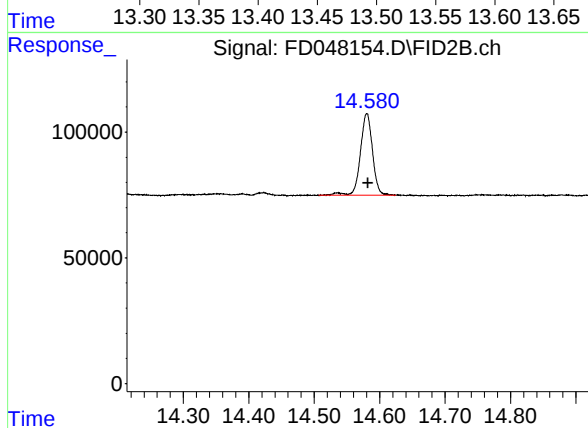
#12 1-chlorooctadecane (SURR)

R.T.: 12.735 min
Delta R.T.: 0.003 min
Response: 6323209
Conc: 41.41 ug/ml



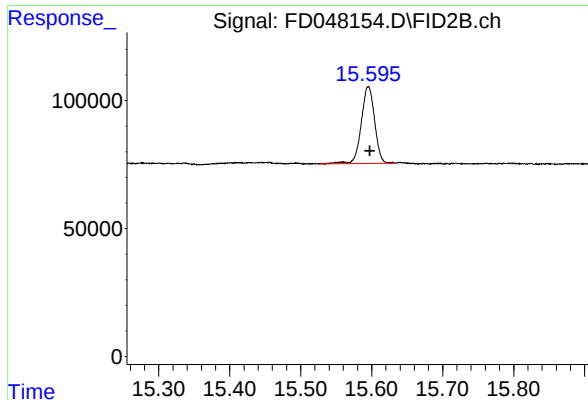
#13 n-Docosane (C22)

R.T.: 13.483 min
Delta R.T.: -0.002 min
Response: 408252
Conc: 2.29 ug/ml



#14 n-Tetracosane (C24)

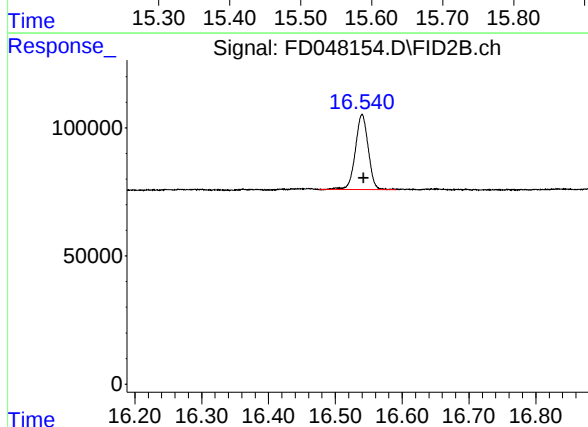
R.T.: 14.581 min
Delta R.T.: -0.002 min
Response: 420826
Conc: 2.38 ug/ml



#15 n-Hexacosane (C26)

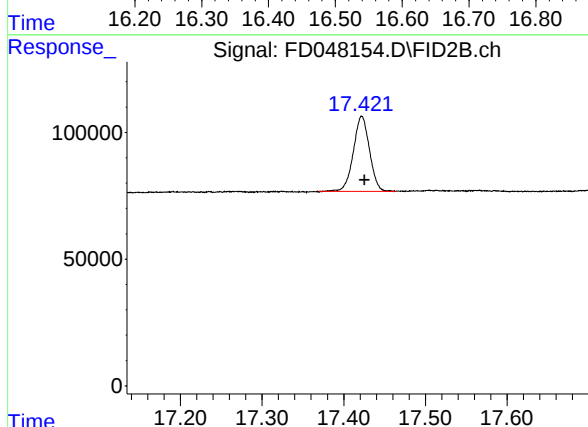
R.T.: 15.595 min
Delta R.T.: -0.003 min
Response: 391819
Conc: 2.30 ug/ml

Instrument :
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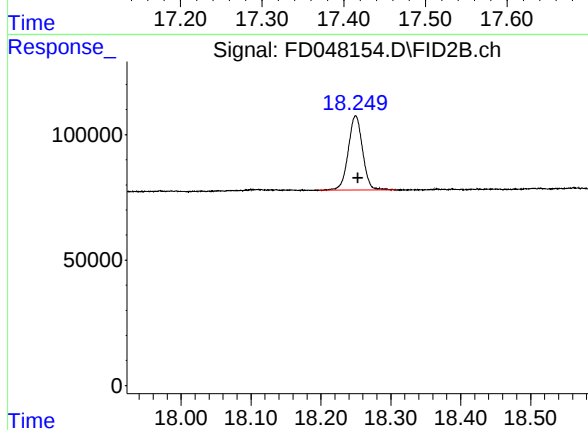
#16 n-Octacosane (C28)

R.T.: 16.540 min
Delta R.T.: -0.002 min
Response: 392023
Conc: 2.38 ug/ml



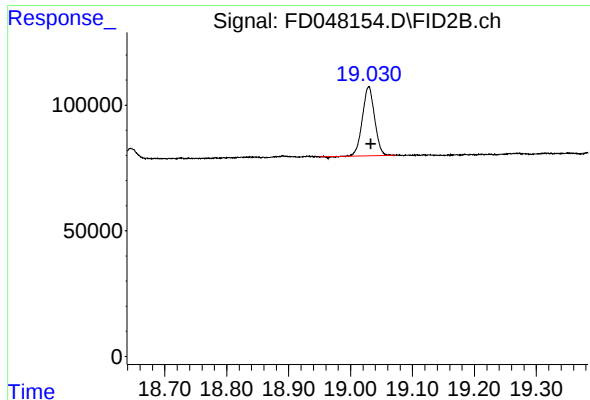
#17 n-Tricontane (C30)

R.T.: 17.422 min
Delta R.T.: -0.003 min
Response: 409185
Conc: 2.48 ug/ml



#18 n-Dotriacontane (C32)

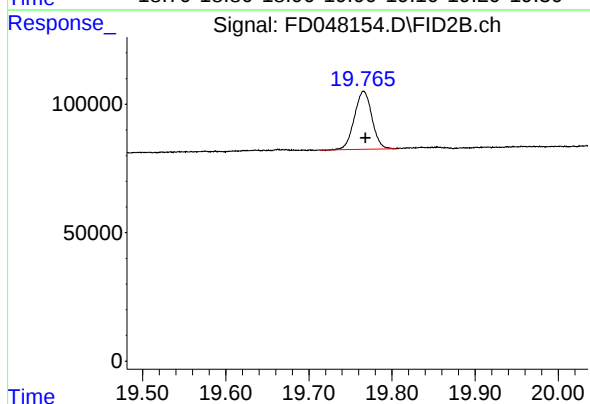
R.T.: 18.250 min
Delta R.T.: -0.003 min
Response: 422105
Conc: 2.66 ug/ml



#19 n-Tetratriacontane (C34)

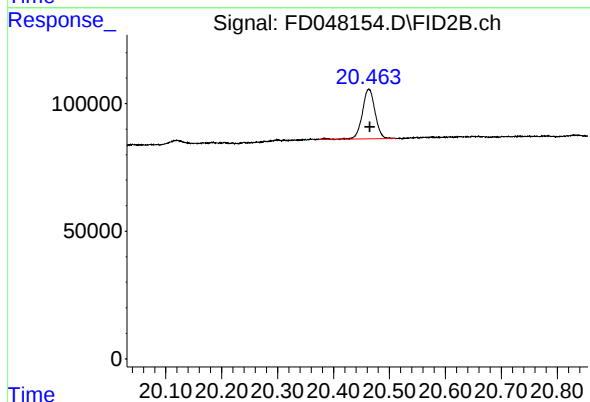
R.T.: 19.029 min
Delta R.T.: -0.003 min
Response: 374950
Conc: 2.49 ug/ml

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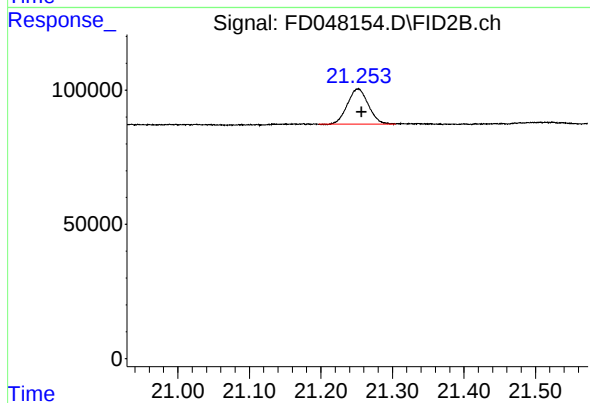
#20 n-Hexatriacontane (C36)

R.T.: 19.766 min
Delta R.T.: -0.002 min
Response: 332097
Conc: 2.34 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.463 min
Delta R.T.: -0.002 min
Response: 304770
Conc: 2.20 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.252 min
Delta R.T.: -0.005 min
Response: 266706
Conc: 2.01 ug/ml