

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF080524AL\
 Data File : FF014390.D
 Signal(s) : FID2B.ch
 Acq On : 05 Aug 2024 13:21
 Operator : YP\AJ
 Sample : P3390-02
 Misc : 5 PPM SOIL LOQ
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOQ-SOIL-02-QT3-2024

Integration File: autoint1.e
 Quant Time: Aug 06 06:25:29 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 072924.M
 Quant Title : GC Extractables
 QLast Update : Tue Jul 30 05:51:52 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...	13.259	5649287	60.423 ug/ml
Spiked Amount 50.000		Recovery =	120.85%
Target Compounds			
1) T n-Nonane (C9)	3.217	325717	2.520 ug/ml
2) T n-Decane (C10)	4.465	411317	3.139 ug/ml
4) T n-Dodecane (C12)	6.630	564666	4.270 ug/ml
6) T n-Tetradecane (C14)	8.456	520497	4.043 ug/ml
7) T n-Hexadecane (C16)	10.062	477097	3.685 ug/ml
8) T n-Octadecane (C18)	11.504	585566	4.435 ug/ml
10) T n-Eicosane (C20)	12.811	600378	4.777 ug/ml
11) T n-Heneicosane (C21)	13.424	565023	4.607 ug/ml
13) T n-Docosane (C22)	14.011	626371	5.227 ug/ml
14) T n-Tetracosane (C24)	15.114	689149	5.897 ug/ml
15) T n-Hexacosane (C26)	16.136	680091	6.017 ug/ml
16) T n-Octacosane (C28)	17.086	705280	6.398 ug/ml
17) T n-Tricontane (C30)	17.973	720010	6.451 ug/ml
18) T n-Dotriacontane (C32)	18.806	696905	6.349 ug/ml
19) T n-Tetratriacontane (C34)	19.590	574092	5.593 ug/ml
20) T n-Hexatriacontane (C36)	20.330	427971	4.794 ug/ml
21) T n-Octatriacontane (C38)	21.055	319429	4.638 ug/ml
22) T n-Tetracontane (C40)	21.933	222318	4.969 ug/ml

(f)=RT Delta > 1/2 Window

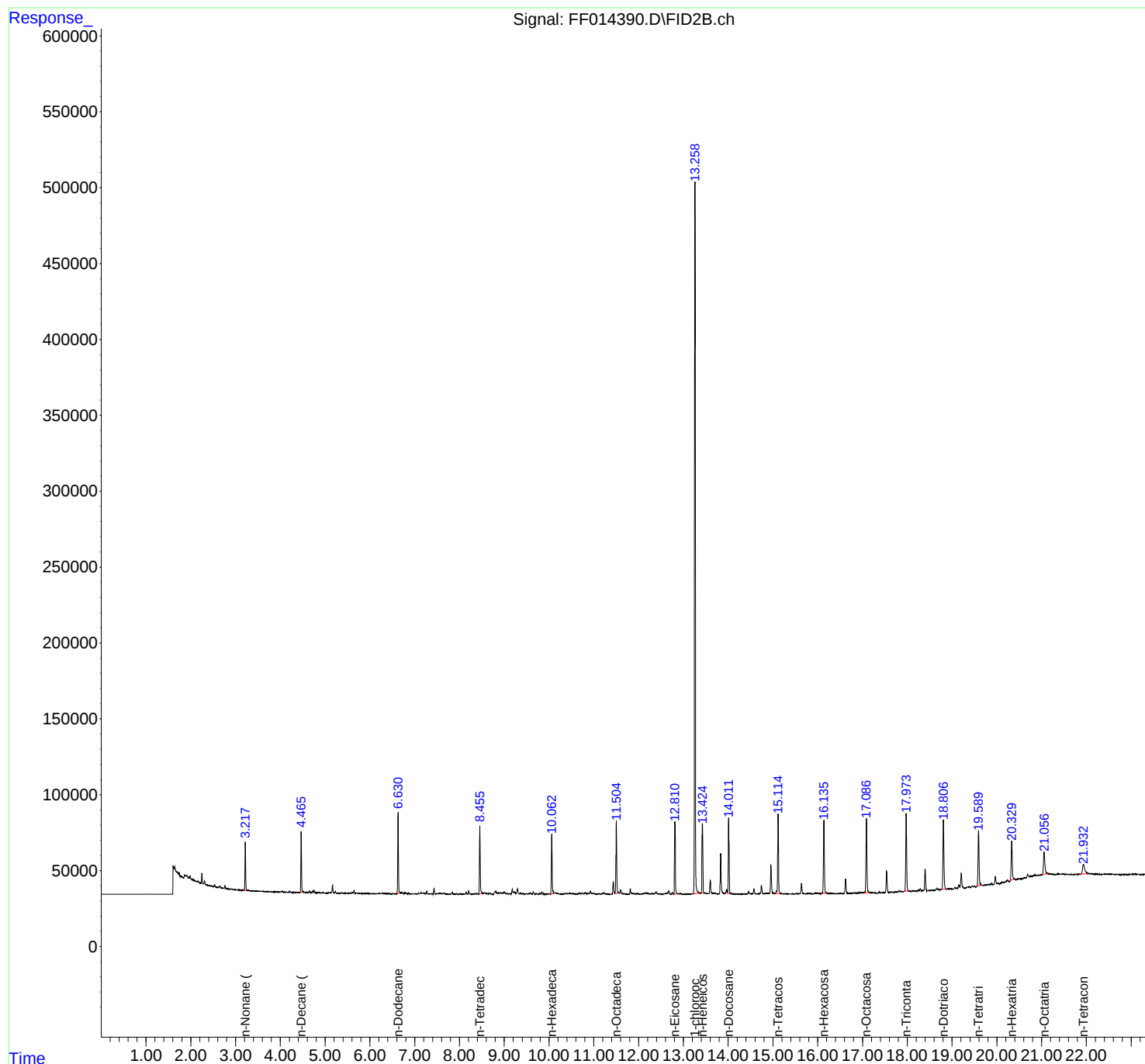
(m)=manual int.

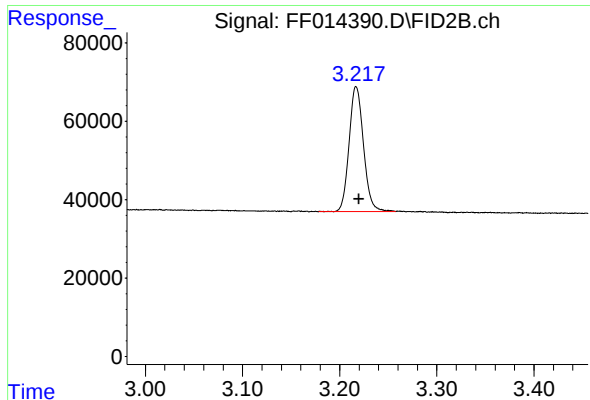
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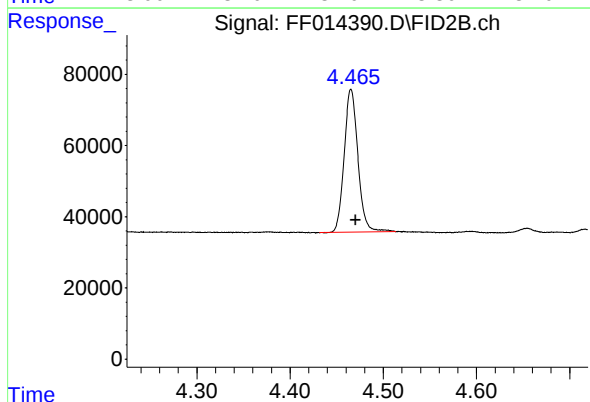




#1 n-Nonane (C9)

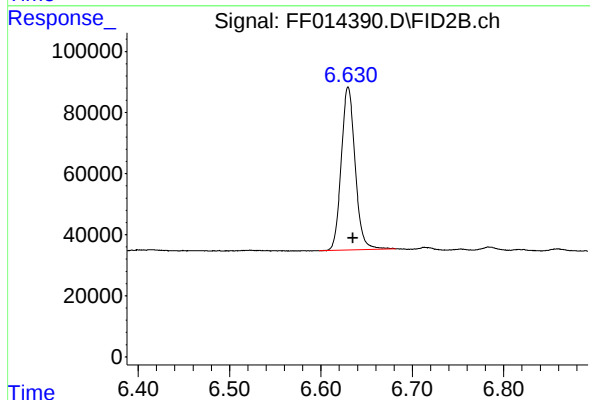
R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 325717
Conc: 2.52 ug/ml

Instrument :
FID_F
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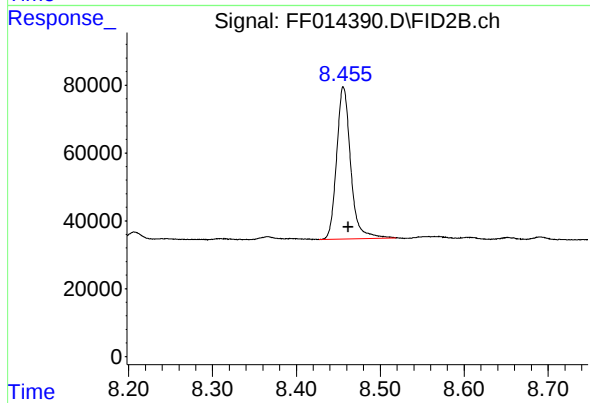
#2 n-Decane (C10)

R.T.: 4.465 min
Delta R.T.: -0.005 min
Response: 411317
Conc: 3.14 ug/ml



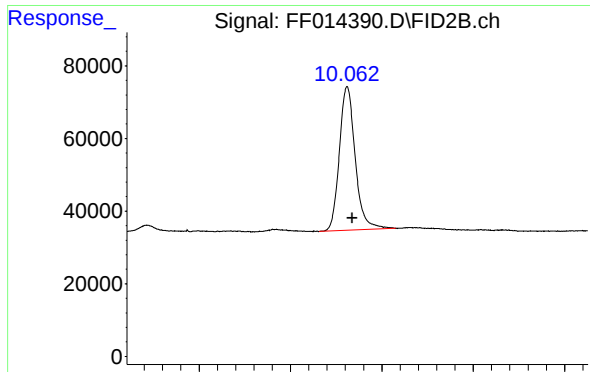
#4 n-Dodecane (C12)

R.T.: 6.630 min
Delta R.T.: -0.005 min
Response: 564666
Conc: 4.27 ug/ml



#6 n-Tetradecane (C14)

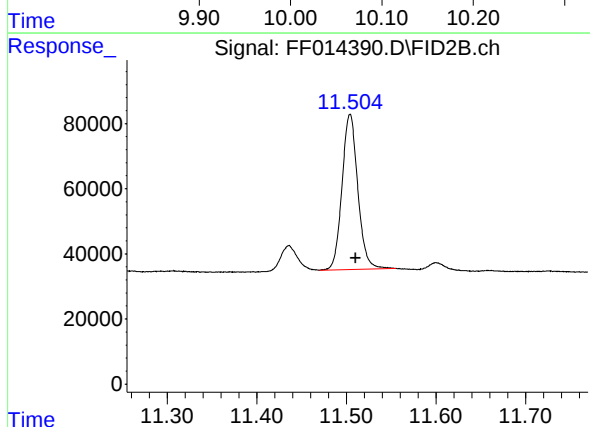
R.T.: 8.456 min
Delta R.T.: -0.006 min
Response: 520497
Conc: 4.04 ug/ml



#7 n-Hexadecane (C16)

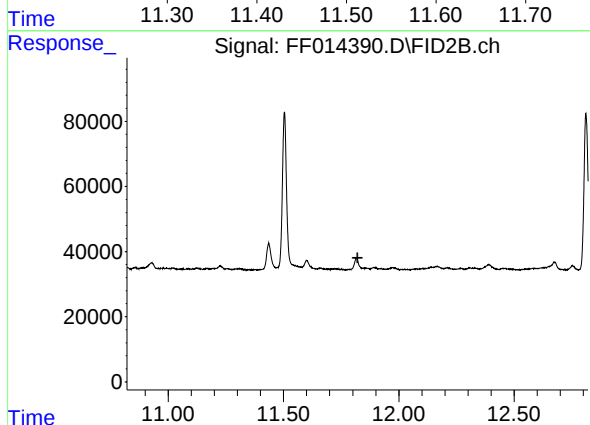
R.T.: 10.062 min
Delta R.T.: -0.006 min
Response: 477097
Conc: 3.68 ug/ml

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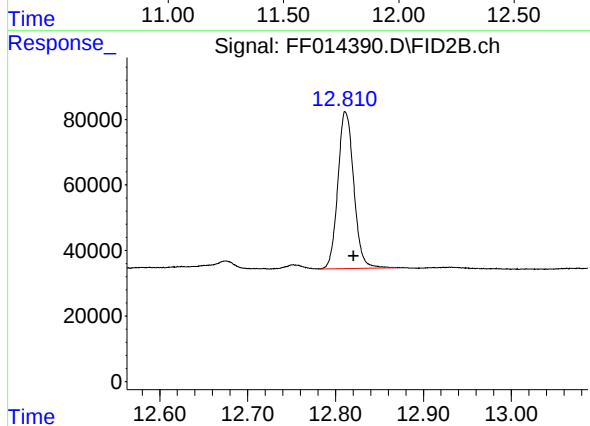
#8 n-Octadecane (C18)

R.T.: 11.504 min
Delta R.T.: -0.006 min
Response: 585566
Conc: 4.43 ug/ml



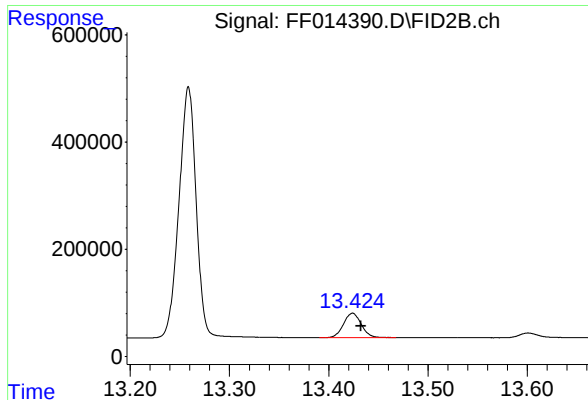
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.821 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

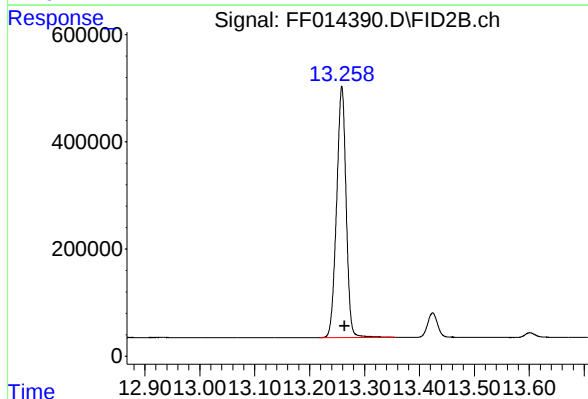
R.T.: 12.811 min
Delta R.T.: -0.009 min
Response: 600378
Conc: 4.78 ug/ml



#11 n-Heneicosane (C21)

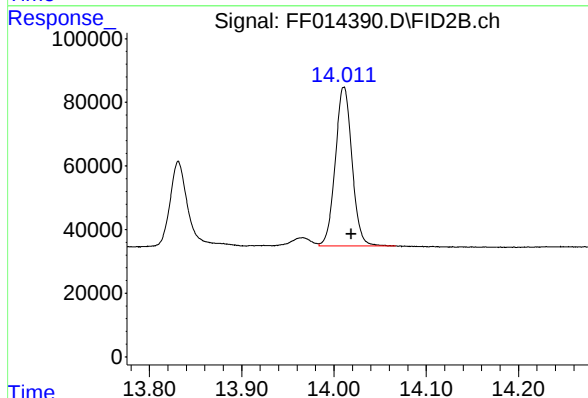
R.T.: 13.424 min
Delta R.T.: -0.008 min
Response: 565023
Conc: 4.61 ug/ml

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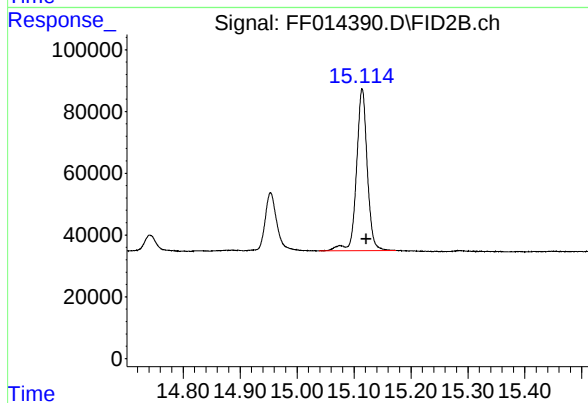
#12 1-chlorooctadecane (SURR)

R.T.: 13.259 min
Delta R.T.: -0.005 min
Response: 5649287
Conc: 60.42 ug/ml



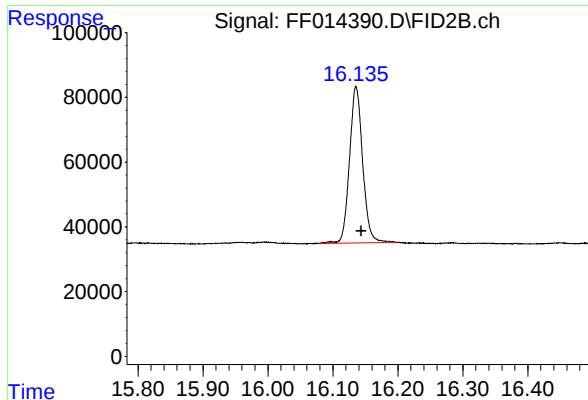
#13 n-Docosane (C22)

R.T.: 14.011 min
Delta R.T.: -0.008 min
Response: 626371
Conc: 5.23 ug/ml



#14 n-Tetracosane (C24)

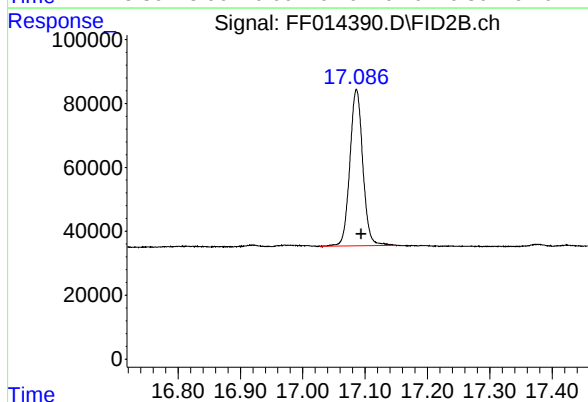
R.T.: 15.114 min
Delta R.T.: -0.007 min
Response: 689149
Conc: 5.90 ug/ml



#15 n-Hexacosane (C26)

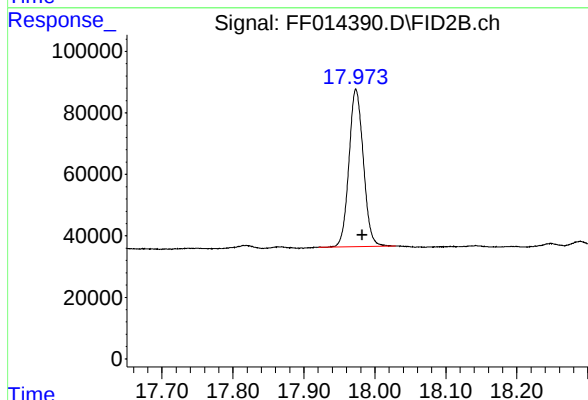
R.T.: 16.136 min
Delta R.T.: -0.008 min
Response: 680091
Conc: 6.02 ug/ml

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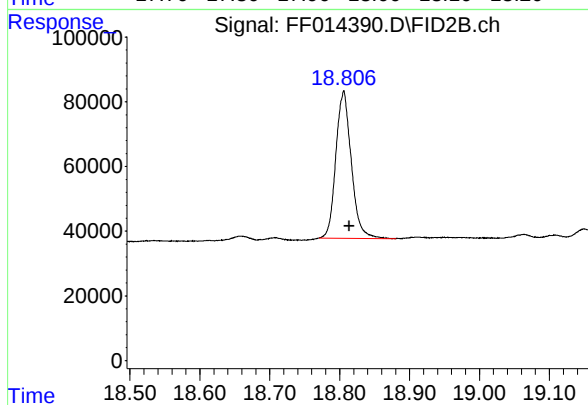
#16 n-Octacosane (C28)

R.T.: 17.086 min
Delta R.T.: -0.008 min
Response: 705280
Conc: 6.40 ug/ml



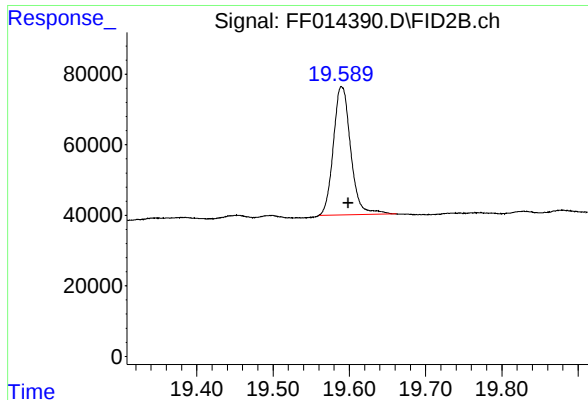
#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.009 min
Response: 720010
Conc: 6.45 ug/ml



#18 n-Dotriacontane (C32)

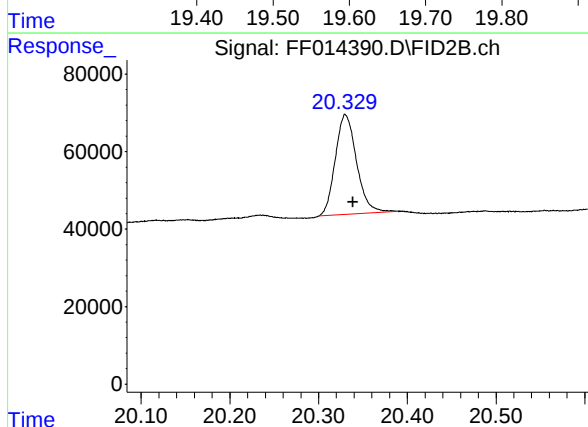
R.T.: 18.806 min
Delta R.T.: -0.008 min
Response: 696905
Conc: 6.35 ug/ml



#19 n-Tetratriacontane (C34)

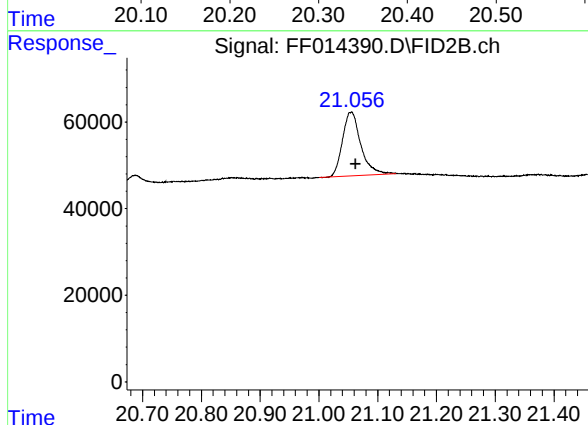
R.T.: 19.590 min
Delta R.T.: -0.009 min
Response: 574092
Conc: 5.59 ug/ml

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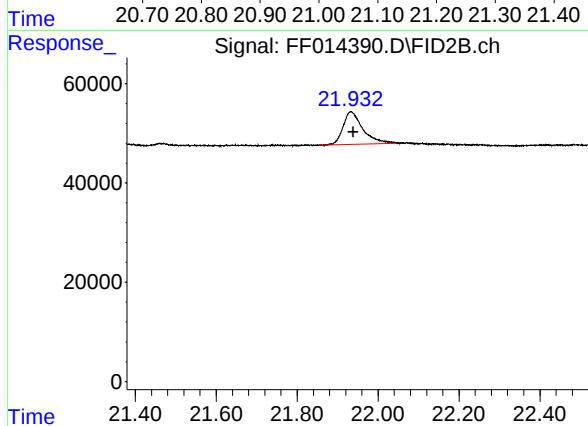
#20 n-Hexatriacontane (C36)

R.T.: 20.330 min
Delta R.T.: -0.009 min
Response: 427971
Conc: 4.79 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.055 min
Delta R.T.: -0.007 min
Response: 319429
Conc: 4.64 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.933 min
Delta R.T.: -0.007 min
Response: 222318
Conc: 4.97 ug/ml