

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF101023AL\
 Data File : FF013595.D
 Signal(s) : FID2B.ch
 Acq On : 10 Oct 2023 10:34
 Operator : YP\AJ
 Sample : 04699-03
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-SOIL-03-QT4-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 01:59:29 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 100623.M
 Quant Title : GC Extractables
 QLast Update : Sat Oct 07 07:01:38 2023
 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...	13.313	2489999	20.777 ug/ml
Spiked Amount 50.000		Recovery =	41.55%
Target Compounds			
1) T n-Nonane (C9)	3.272	174775	1.374 ug/ml
2) T n-Decane (C10)	4.521	217859	1.686 ug/ml
4) T n-Dodecane (C12)	6.683	307402	2.368 ug/ml
6) T n-Tetradecane (C14)	8.508	268173	2.106 ug/ml
7) T n-Hexadecane (C16)	10.114	252778	1.914 ug/ml
8) T n-Octadecane (C18)	11.557	261692	1.912 ug/ml
10) T n-Eicosane (C20)	12.867	291575	2.142 ug/ml
11) T n-Heneicosane (C21)	13.479	263934	1.958 ug/ml
13) T n-Docosane (C22)	14.065	271319	2.012 ug/ml
14) T n-Tetracosane (C24)	15.169	275655	2.018 ug/ml
15) T n-Hexacosane (C26)	16.189	270811	1.989 ug/ml
16) T n-Octacosane (C28)	17.140	279664	2.091 ug/ml
17) T n-Tricontane (C30)	18.028	297889	2.150 ug/ml
18) T n-Dotriacontane (C32)	18.859	306217	2.229 ug/ml
19) T n-Tetratriacontane (C34)	19.642	280633	2.167 ug/ml
20) T n-Hexatriacontane (C36)	20.383	248244	1.991 ug/ml
21) T n-Octatriacontane (C38)	21.109	230533	1.962 ug/ml
22) T n-Tetracontane (C40)	22.000	217924	1.895 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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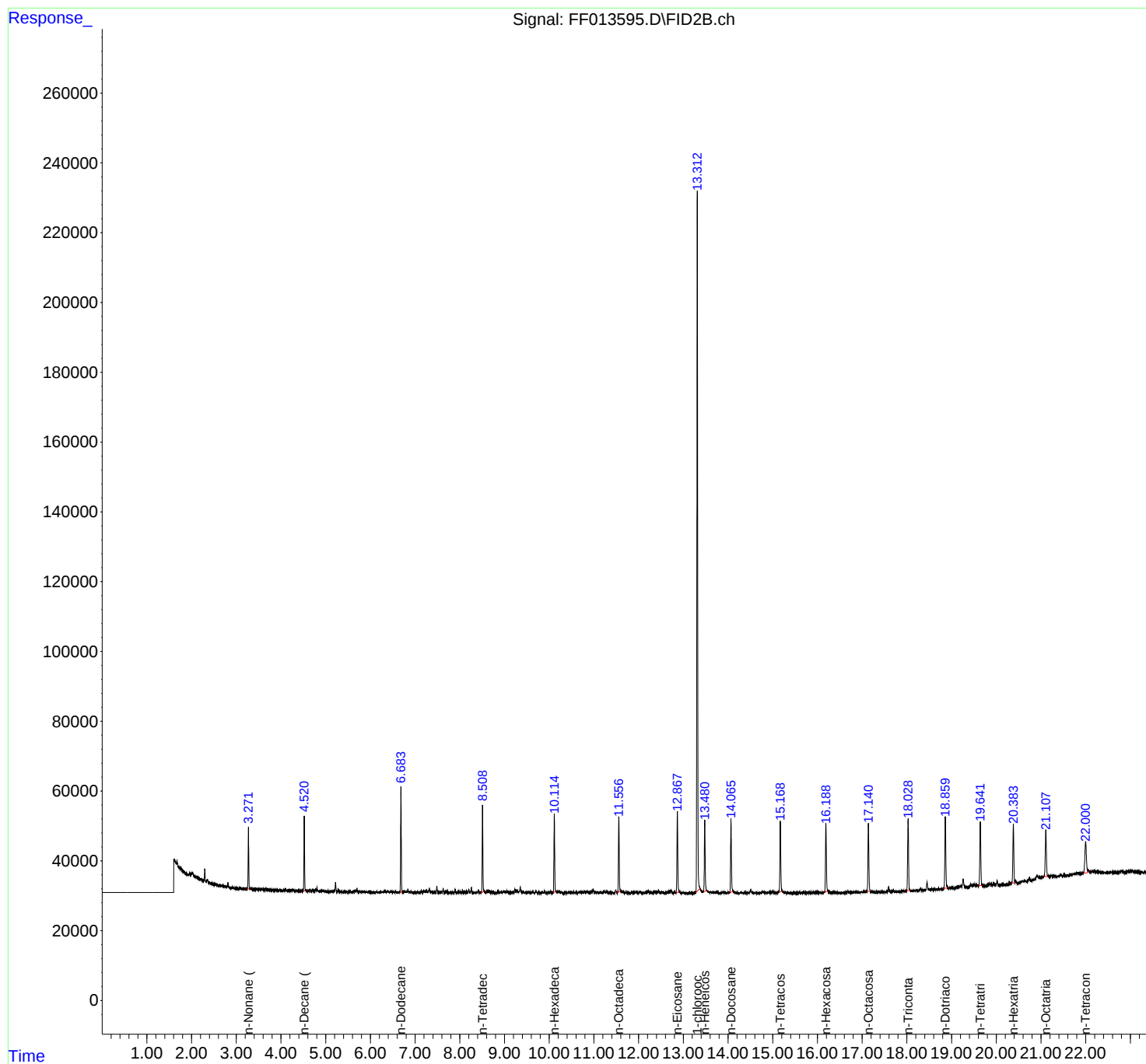
Instrument :
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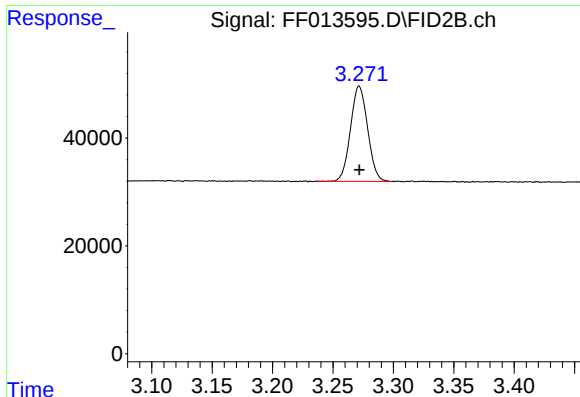
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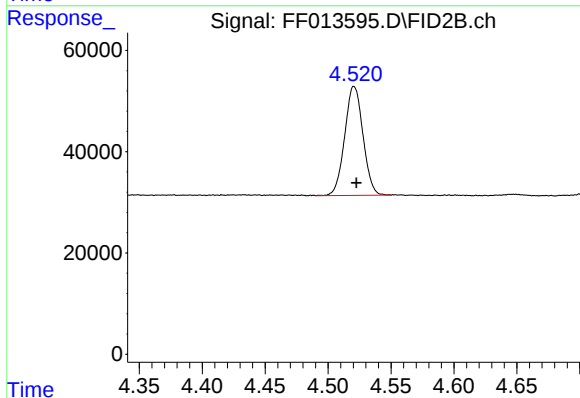
#1 n-Nonane (C9)

R.T.: 3.272 min
Delta R.T.: 0.000 min
Response: 174775
Conc: 1.37 ug/ml

Instrument : FID_F
ClientSampleId : MDL-SOIL-03-QT4-2023

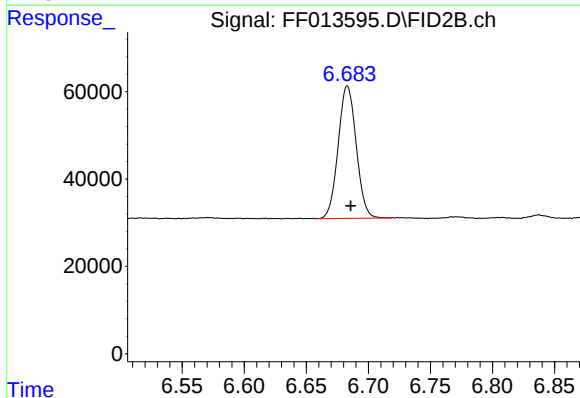
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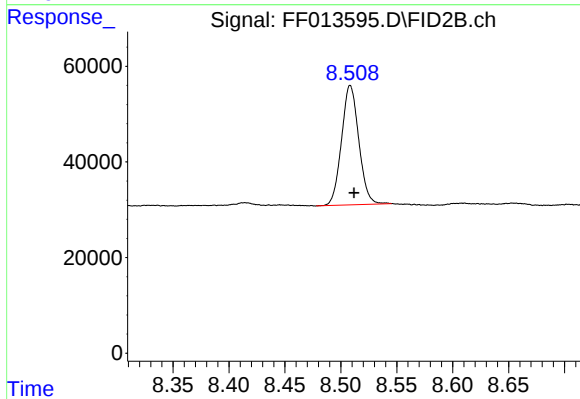
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: -0.002 min
Response: 217859
Conc: 1.69 ug/ml



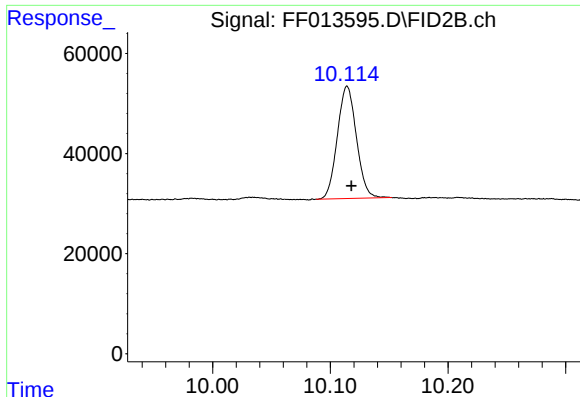
#4 n-Dodecane (C12)

R.T.: 6.683 min
Delta R.T.: -0.003 min
Response: 307402
Conc: 2.37 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.508 min
Delta R.T.: -0.003 min
Response: 268173
Conc: 2.11 ug/ml



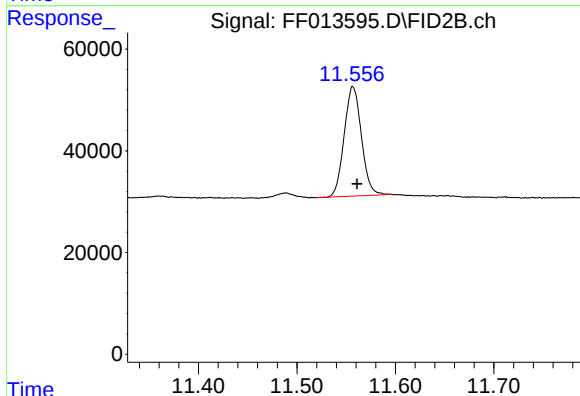
#7 n-Hexadecane (C16)

R.T.: 10.114 min
Delta R.T.: -0.004 min
Response: 252778
Conc: 1.91 ug/ml

Instrument : FID_F
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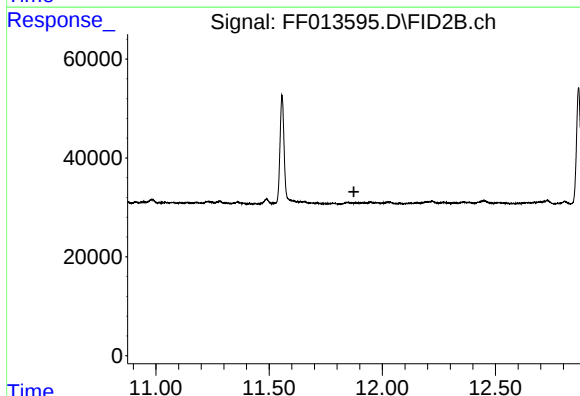
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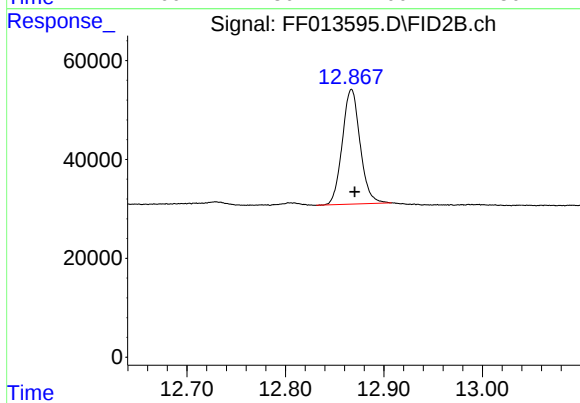
#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: -0.004 min
Response: 261692
Conc: 1.91 ug/ml



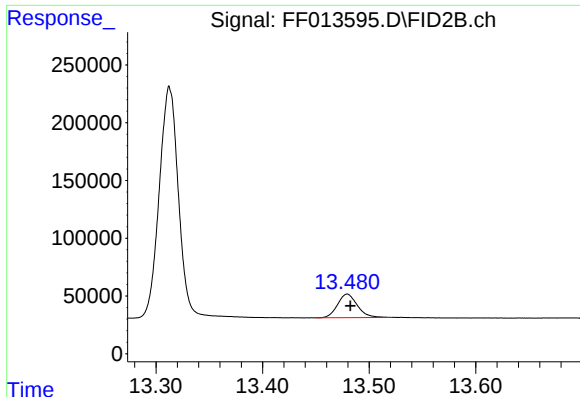
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.875 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: -0.003 min
Response: 291575
Conc: 2.14 ug/ml



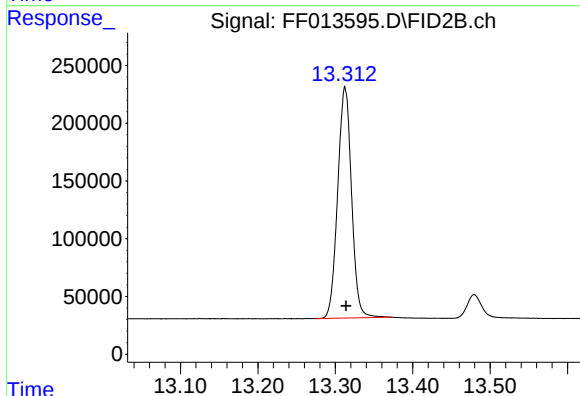
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: -0.003 min
Response: 263934
Conc: 1.96 ug/ml

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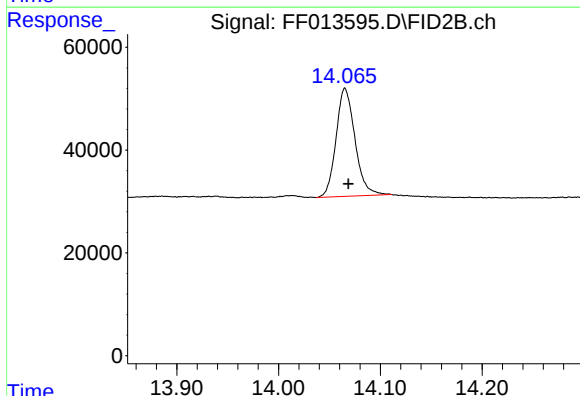
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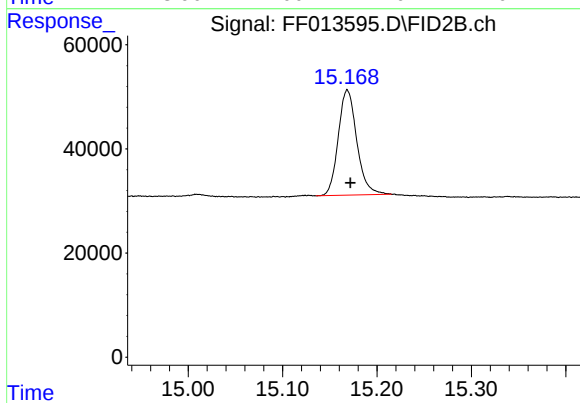
#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: -0.001 min
Response: 2489999
Conc: 20.78 ug/ml



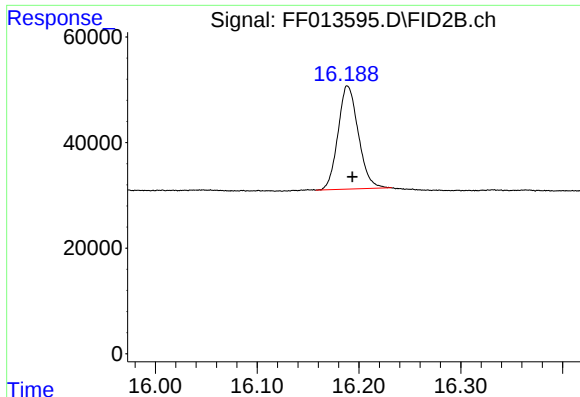
#13 n-Docosane (C22)

R.T.: 14.065 min
Delta R.T.: -0.003 min
Response: 271319
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.169 min
Delta R.T.: -0.003 min
Response: 275655
Conc: 2.02 ug/ml



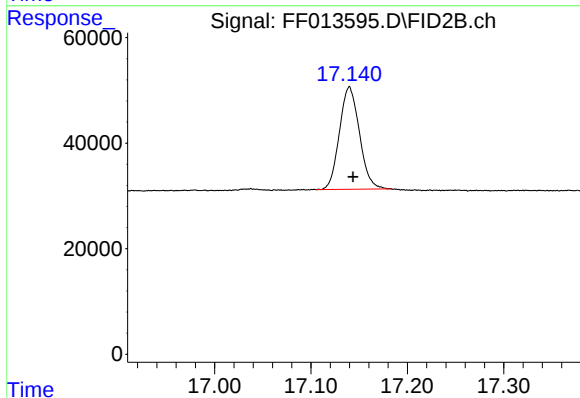
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: -0.005 min
Response: 270811
Conc: 1.99 ug/ml

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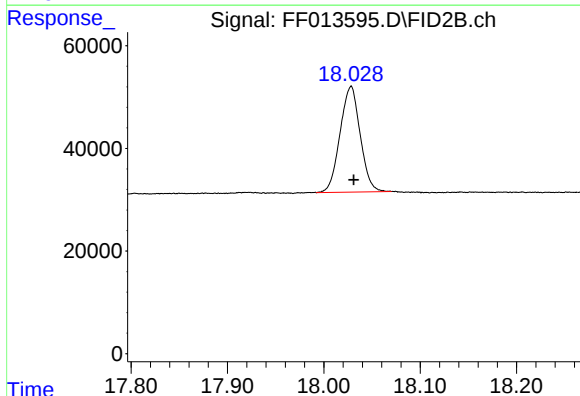
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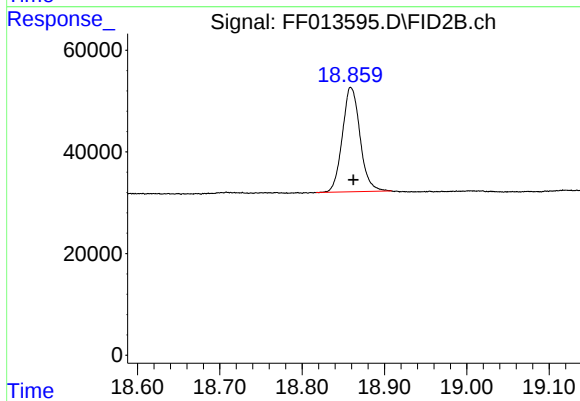
#16 n-Octacosane (C28)

R.T.: 17.140 min
Delta R.T.: -0.004 min
Response: 279664
Conc: 2.09 ug/ml



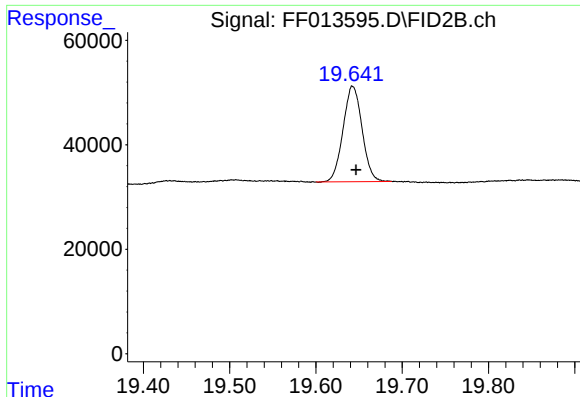
#17 n-Tricontane (C30)

R.T.: 18.028 min
Delta R.T.: -0.003 min
Response: 297889
Conc: 2.15 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.859 min
Delta R.T.: -0.003 min
Response: 306217
Conc: 2.23 ug/ml



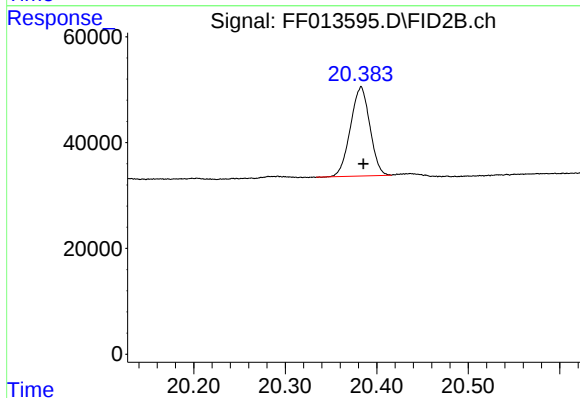
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: -0.004 min
Response: 280633
Conc: 2.17 ug/ml

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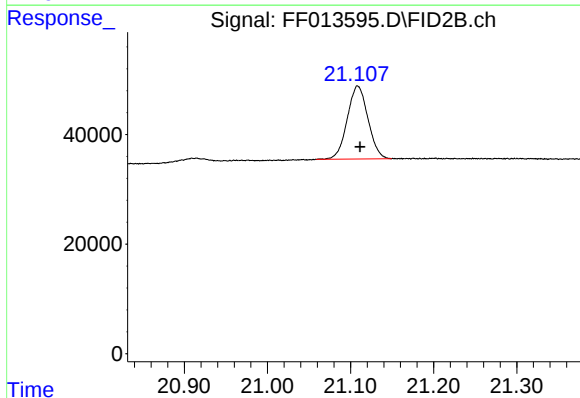
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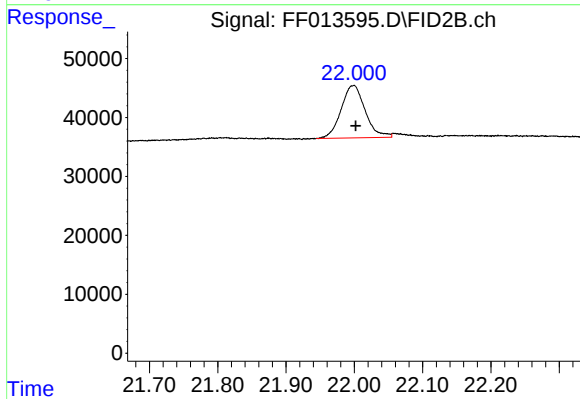
#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: -0.003 min
Response: 248244
Conc: 1.99 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.109 min
Delta R.T.: -0.003 min
Response: 230533
Conc: 1.96 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: -0.002 min
Response: 217924
Conc: 1.89 ug/ml m