

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF012925AL\
 Data File : FF015364.D
 Signal(s) : FID2B.ch
 Acq On : 29 Jan 2025 15:30
 Operator : YP\AJ
 Sample : Q1168-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 01/30/2025
 Supervised By :Ankita Jodhani 01/30/2025

Integration File: autoint1.e
 Quant Time: Jan 30 02:21:18 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_G\Method\Aliphatic EPH 011425.M
 Quant Title : GC Extractables
 QLast Update : Tue Jan 14 11:45:29 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...	13.368	4394804	36.093 ug/ml
Spiked Amount 50.000		Recovery =	72.19%
Target Compounds			
1) T n-Nonane (C9)	3.315	196336	1.512 ug/ml
2) T n-Decane (C10)	4.569	233446	1.757 ug/ml
4) T n-Dodecane (C12)	6.731	301083	2.215 ug/ml
6) T n-Tetradecane (C14)	8.558	277023	2.014 ug/ml
7) T n-Hexadecane (C16)	10.165	241803	1.669 ug/ml
8) T n-Octadecane (C18)	11.608	267981	1.803 ug/ml
10) T n-Eicosane (C20)	12.919	287134	2.000 ug/ml
11) T n-Heneicosane (C21)	13.532	277004	1.959 ug/ml
13) T n-Docosane (C22)	14.120	281792	2.004 ug/mlm
14) T n-Tetracosane (C24)	15.224	295581	2.124 ug/mlm
15) T n-Hexacosane (C26)	16.248	281875	2.081 ug/ml
16) T n-Octacosane (C28)	17.198	287223	2.183 ug/ml
17) T n-Tricontane (C30)	18.089	310680	2.342 ug/ml
18) T n-Dotriacontane (C32)	18.923	324568	2.573 ug/ml
19) T n-Tetratriacontane (C34)	19.709	280613	2.577 ug/ml
20) T n-Hexatriacontane (C36)	20.452	247117	2.647 ug/mlm
21) T n-Octatriacontane (C38)	21.194	224916	2.563 ug/ml
22) T n-Tetracontane (C40)	22.123	199503	2.354 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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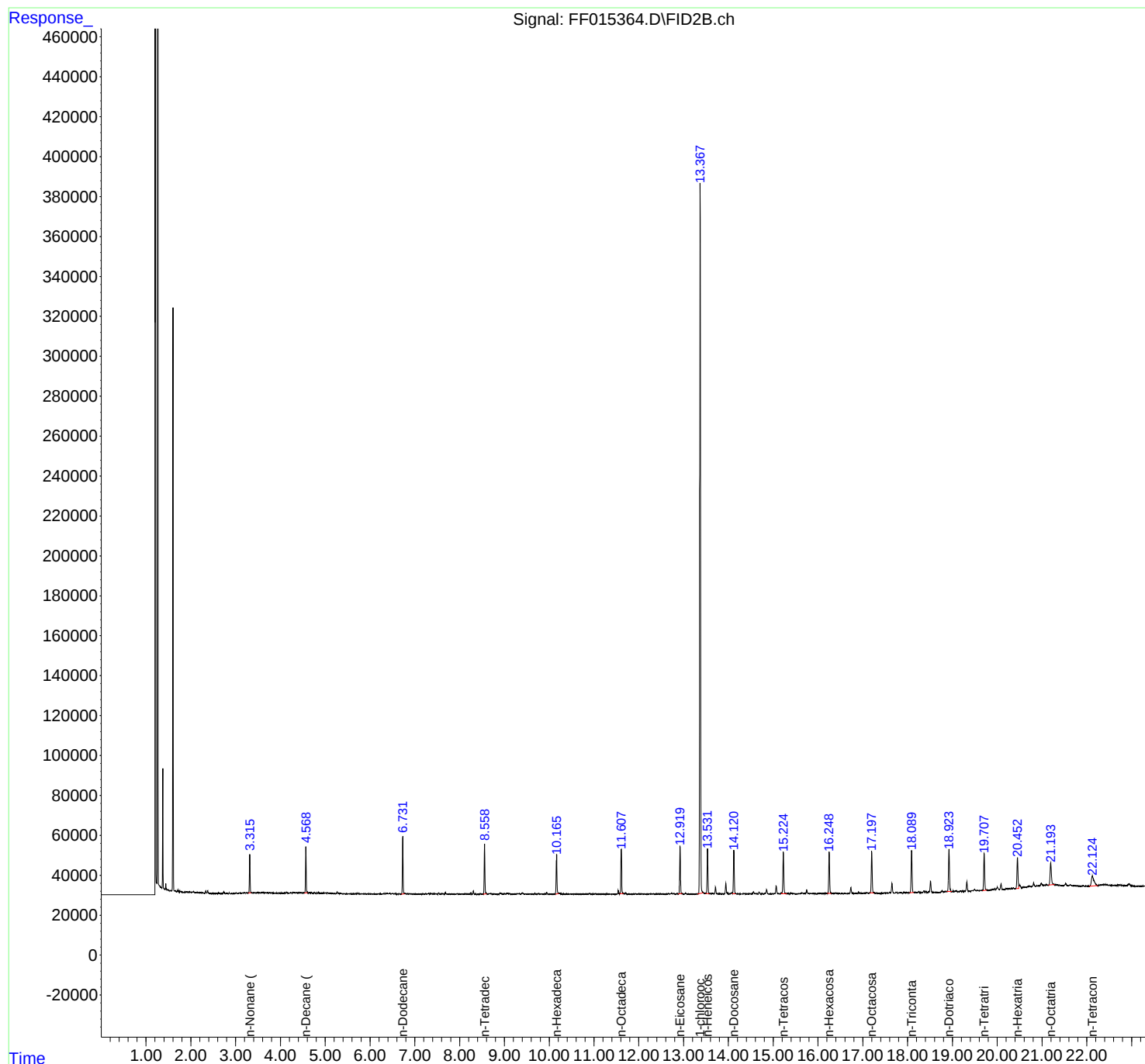
Instrument :
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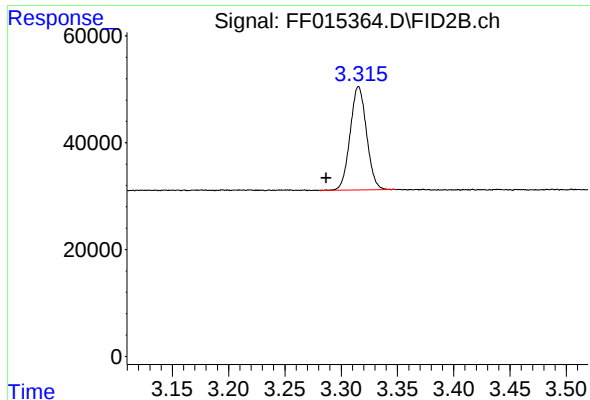
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#1 n-Nonane (C9)

R.T.: 3.315 min
Delta R.T.: 0.028 min
Response: 196336
Conc: 1.51 ug/ml

Instrument :

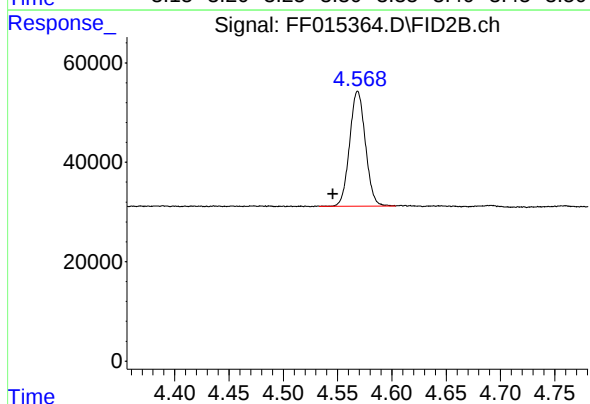
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ClientSampleId :

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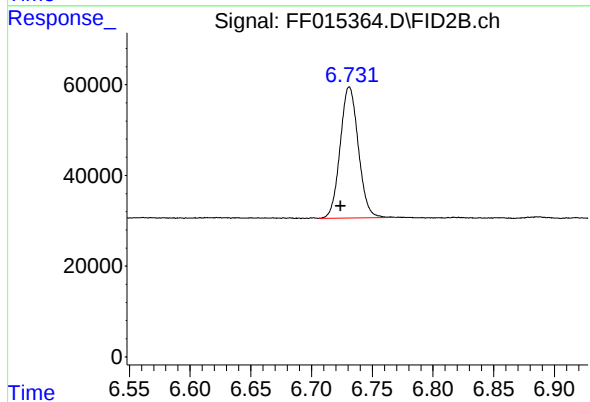
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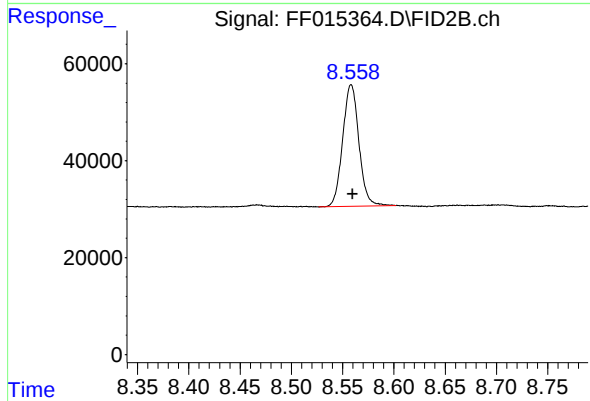
#2 n-Decane (C10)

R.T.: 4.569 min
Delta R.T.: 0.023 min
Response: 233446
Conc: 1.76 ug/ml



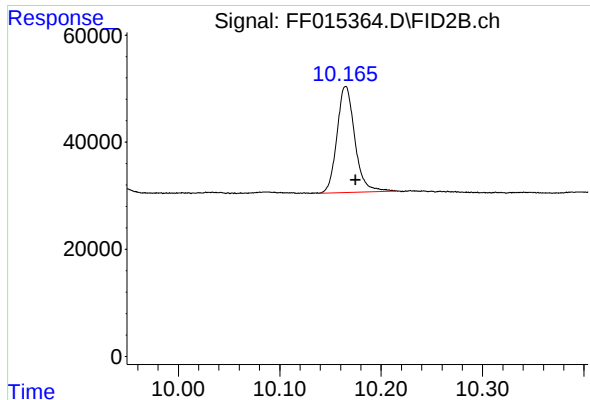
#4 n-Dodecane (C12)

R.T.: 6.731 min
Delta R.T.: 0.007 min
Response: 301083
Conc: 2.21 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.558 min
Delta R.T.: -0.002 min
Response: 277023
Conc: 2.01 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.165 min
Delta R.T.: -0.010 min
Response: 241803
Conc: 1.67 ug/ml

Instrument :

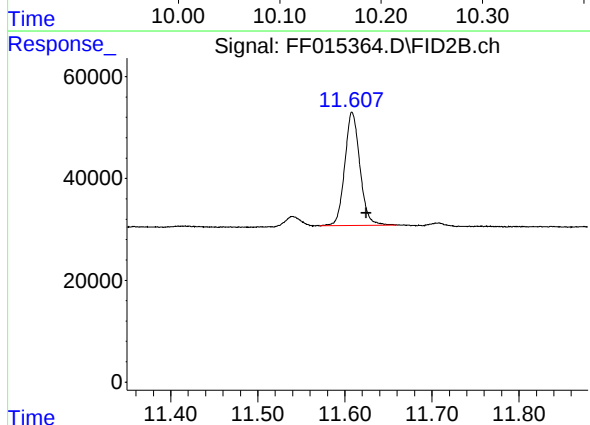
FID_F

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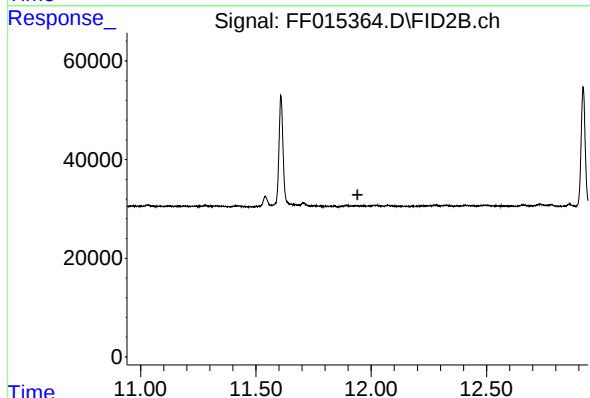
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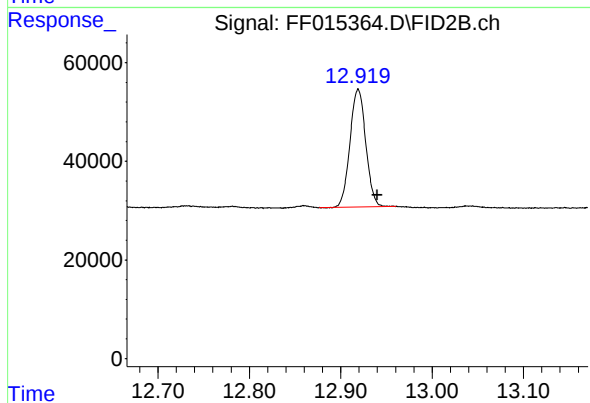
#8 n-Octadecane (C18)

R.T.: 11.608 min
Delta R.T.: -0.016 min
Response: 267981
Conc: 1.80 ug/ml



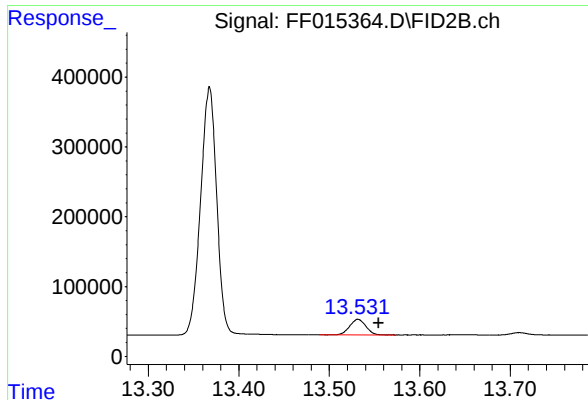
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.940 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.919 min
Delta R.T.: -0.021 min
Response: 287134
Conc: 2.00 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.532 min
Delta R.T.: -0.023 min
Response: 277004
Conc: 1.96 ug/ml

Instrument :

FID_F

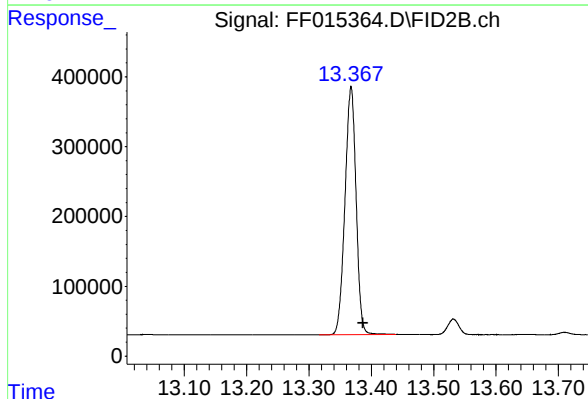
ClientSampleId :

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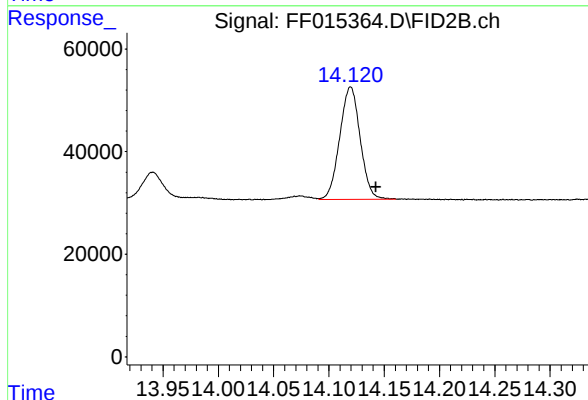
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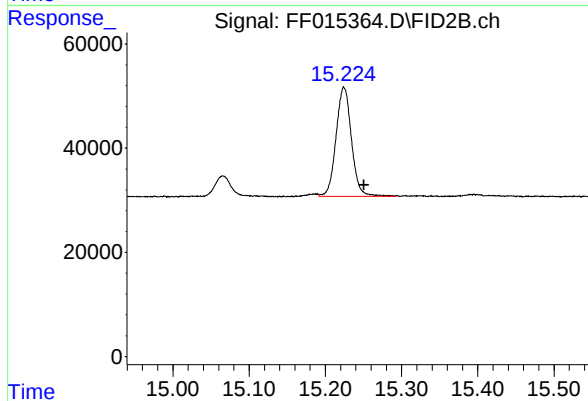
#12 1-chlorooctadecane (SURR)

R.T.: 13.368 min
Delta R.T.: -0.019 min
Response: 4394804
Conc: 36.09 ug/ml



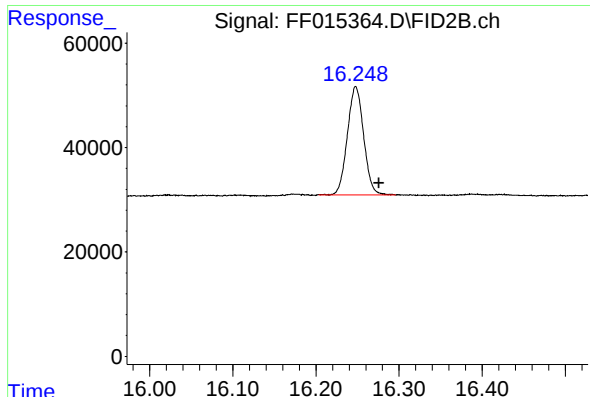
#13 n-Docosane (C22)

R.T.: 14.120 min
Delta R.T.: -0.023 min
Response: 281792
Conc: 2.00 ug/ml m



#14 n-Tetracosane (C24)

R.T.: 15.224 min
Delta R.T.: -0.027 min
Response: 295581
Conc: 2.12 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 16.248 min
Delta R.T.: -0.028 min
Response: 281875
Conc: 2.08 ug/ml

Instrument :

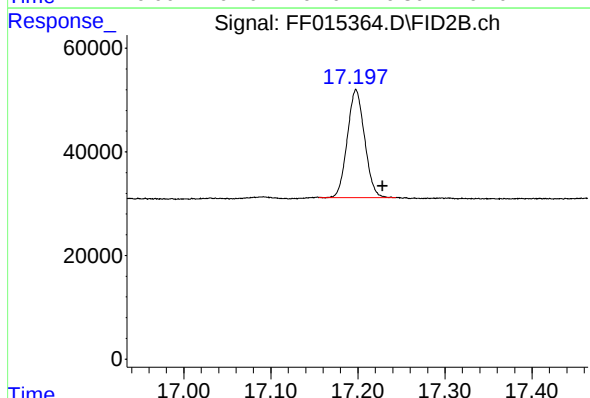
FID_F

ClientSampleId :

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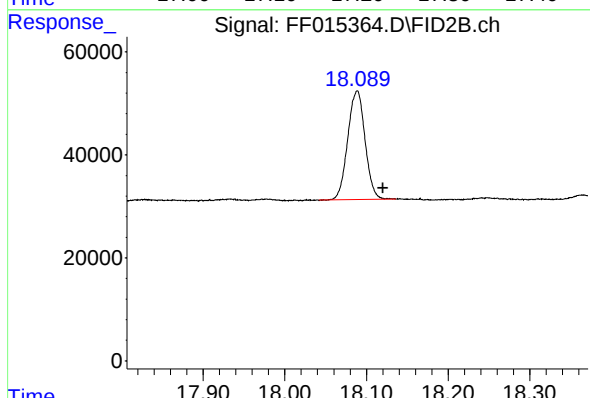
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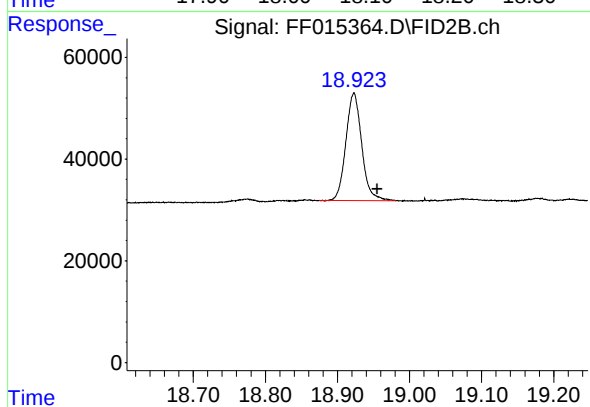
#16 n-Octacosane (C28)

R.T.: 17.198 min
Delta R.T.: -0.031 min
Response: 287223
Conc: 2.18 ug/ml



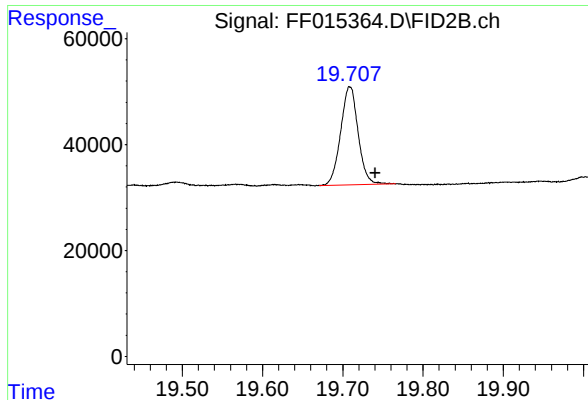
#17 n-Tricontane (C30)

R.T.: 18.089 min
Delta R.T.: -0.031 min
Response: 310680
Conc: 2.34 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.923 min
Delta R.T.: -0.032 min
Response: 324568
Conc: 2.57 ug/ml



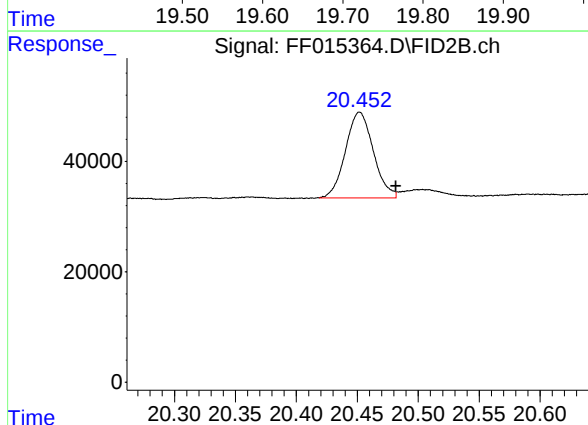
#19 n-Tetratriacontane (C34)

R.T.: 19.709 min
Delta R.T.: -0.032 min
Response: 280613
Conc: 2.58 ug/ml

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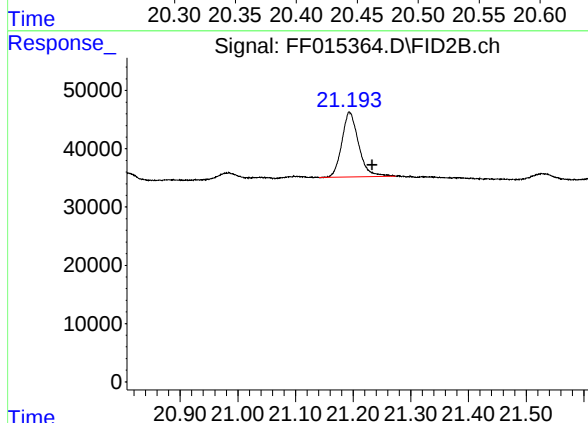
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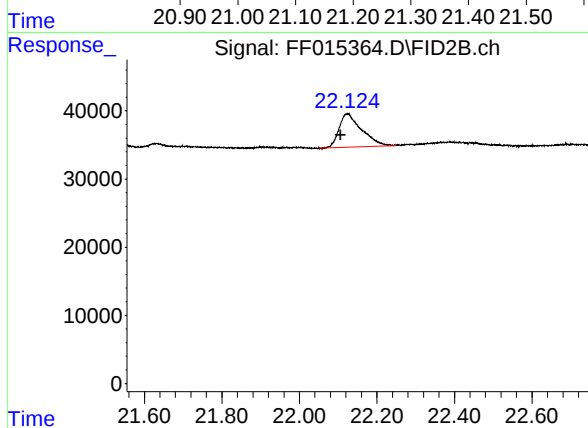
#20 n-Hexatriacontane (C36)

R.T.: 20.452 min
Delta R.T.: -0.030 min
Response: 247117
Conc: 2.65 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.194 min
Delta R.T.: -0.039 min
Response: 224916
Conc: 2.56 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: 0.017 min
Response: 199503
Conc: 2.35 ug/ml