

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD101124AL\
 Data File : FD048482.D
 Signal(s) : FID2B.ch
 Acq On : 12 Oct 2024 13:28
 Operator : YP/AJ
 Sample : P4368-07
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/14/2024
 Supervised By :Ankita Jodhani 10/14/2024

Integration File: autoint1.e
 Quant Time: Oct 14 05:28:53 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 101024.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 10 14:48:19 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...	12.706	4884142	32.649 ug/ml
Spiked Amount 50.000		Recovery =	65.30%
Target Compounds			
1) T n-Nonane (C9)	3.128	300539	1.789 ug/ml
2) T n-Decane (C10)	4.172	374308	2.157 ug/ml
4) T n-Dodecane (C12)	6.165	455512	2.602 ug/ml
6) T n-Tetradecane (C14)	7.945	450753	2.583 ug/ml
7) T n-Hexadecane (C16)	9.535	476858	2.646 ug/ml
8) T n-Octadecane (C18)	10.965	500123	2.755 ug/ml
10) T n-Eicosane (C20)	12.266	518620	2.973 ug/ml
11) T n-Heneicosane (C21)	12.875	507626	2.967 ug/ml
13) T n-Docosane (C22)	13.457	505405	2.959 ug/ml
14) T n-Tetracosane (C24)	14.554	495580	2.926 ug/ml
15) T n-Hexacosane (C26)	15.569	495107	2.991 ug/ml
16) T n-Octacosane (C28)	16.513	485726	2.950 ug/ml
17) T n-Tricontane (C30)	17.396	503986	2.940 ug/ml
18) T n-Dotriacontane (C32)	18.223	485651	2.903 ug/ml
19) T n-Tetratriacontane (C34)	19.003	488245	3.384 ug/ml
20) T n-Hexatriacontane (C36)	19.738	421951	3.514 ug/ml
21) T n-Octatriacontane (C38)	20.435	384928	3.438 ug/mlm
22) T n-Tetracontane (C40)	21.217	335837	3.355 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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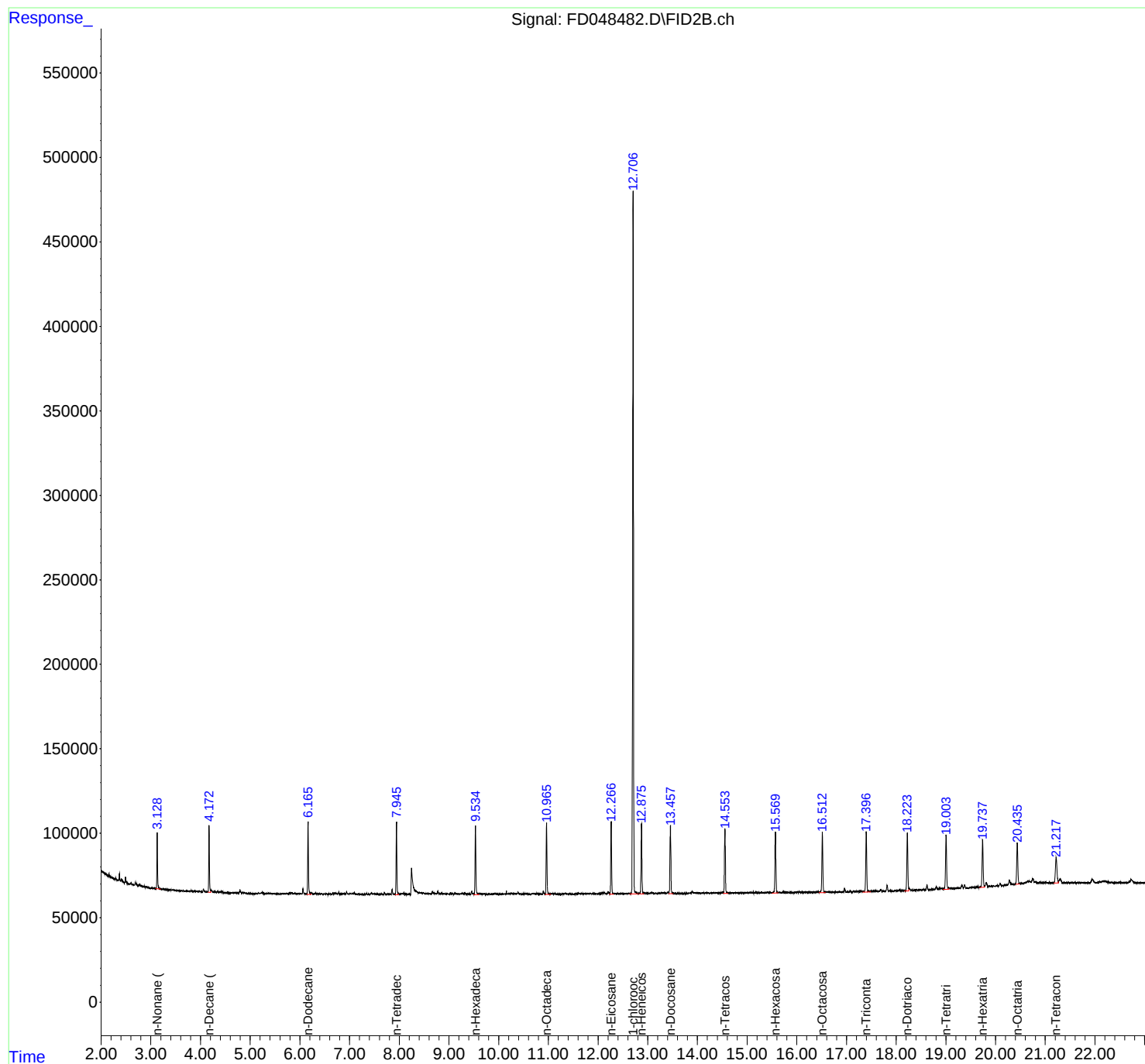
Response via : Initial Calibration

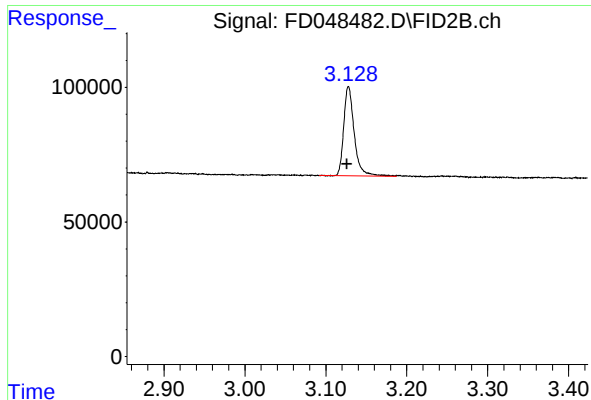
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.128 min
Delta R.T.: 0.002 min
Response: 300539
Conc: 1.79 ug/ml

Instrument :

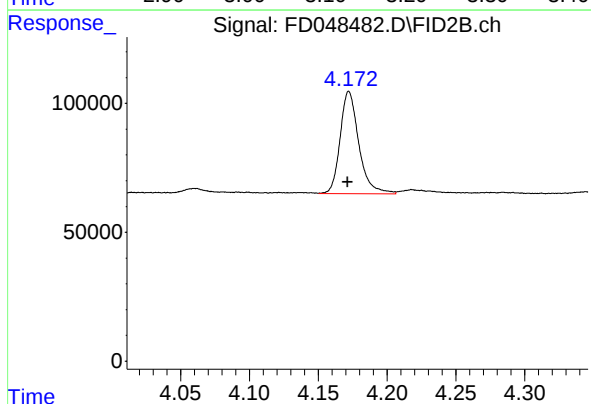
FID_D

ClientSampleId :

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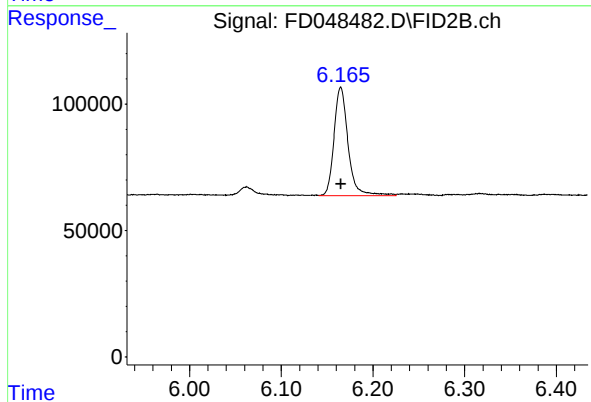
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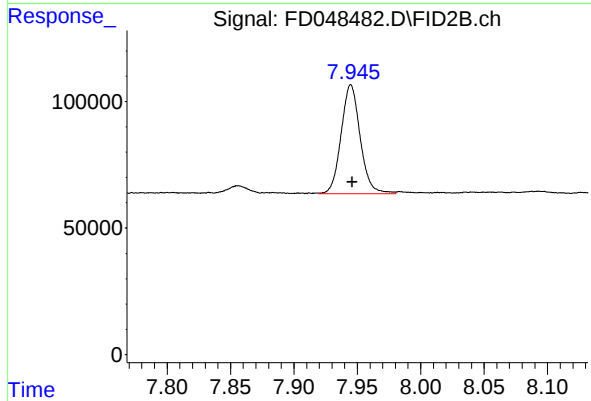
#2 n-Decane (C10)

R.T.: 4.172 min
Delta R.T.: 0.000 min
Response: 374308
Conc: 2.16 ug/ml



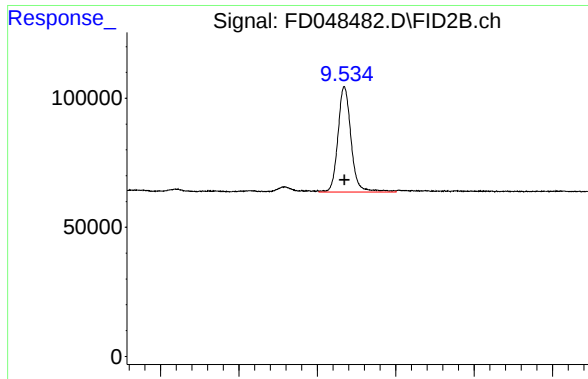
#4 n-Dodecane (C12)

R.T.: 6.165 min
Delta R.T.: 0.000 min
Response: 455512
Conc: 2.60 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.945 min
Delta R.T.: -0.001 min
Response: 450753
Conc: 2.58 ug/ml



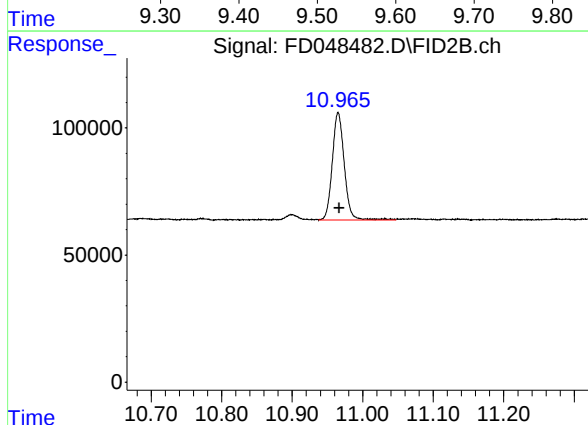
#7 n-Hexadecane (C16)

R.T.: 9.535 min
Delta R.T.: 0.000 min
Response: 476858
Conc: 2.65 ug/ml

Instrument :
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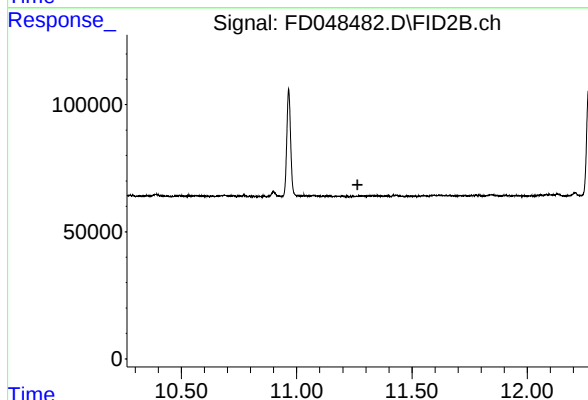
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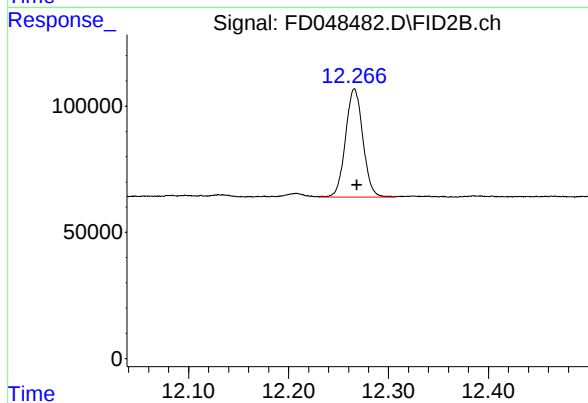
#8 n-Octadecane (C18)

R.T.: 10.965 min
Delta R.T.: -0.002 min
Response: 500123
Conc: 2.75 ug/ml



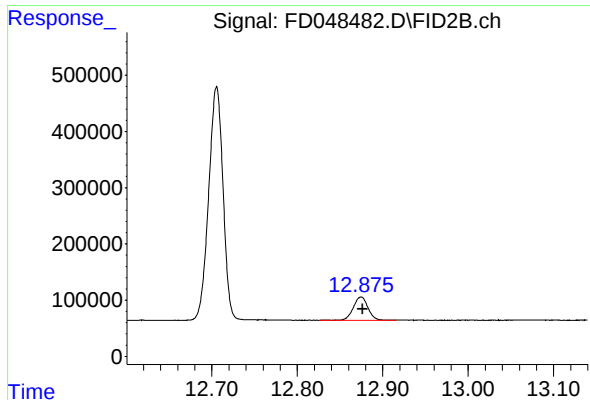
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.264 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.266 min
Delta R.T.: -0.002 min
Response: 518620
Conc: 2.97 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.875 min
Delta R.T.: -0.002 min
Response: 507626
Conc: 2.97 ug/ml

Instrument :

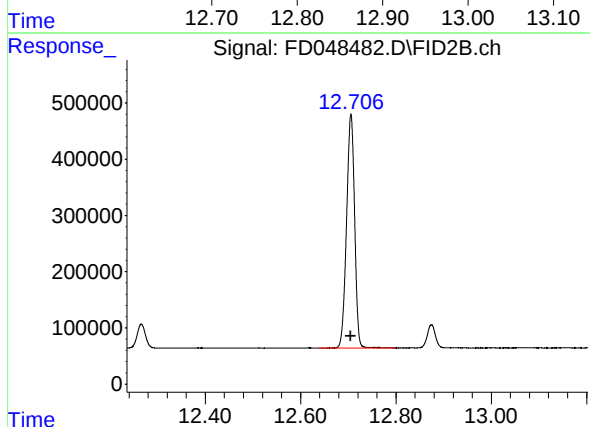
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ClientSampleId :

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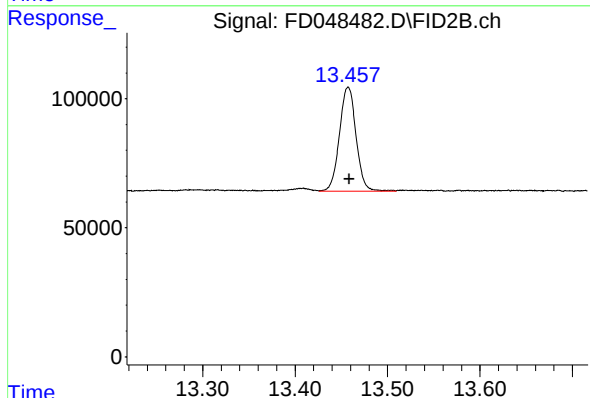
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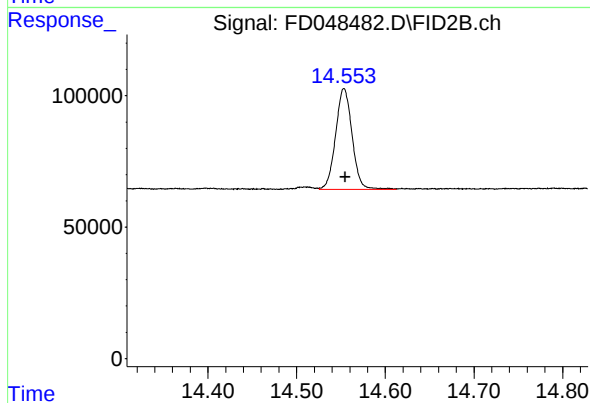
#12 1-chlorooctadecane (SURR)

R.T.: 12.706 min
Delta R.T.: 0.000 min
Response: 4884142
Conc: 32.65 ug/ml



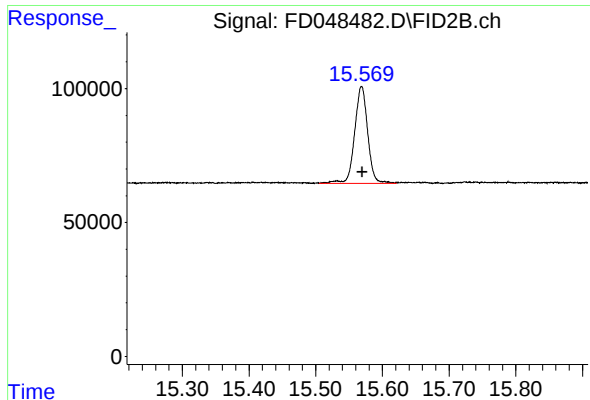
#13 n-Docosane (C22)

R.T.: 13.457 min
Delta R.T.: -0.002 min
Response: 505405
Conc: 2.96 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.554 min
Delta R.T.: -0.001 min
Response: 495580
Conc: 2.93 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.569 min
Delta R.T.: -0.001 min
Response: 495107
Conc: 2.99 ug/ml

Instrument :

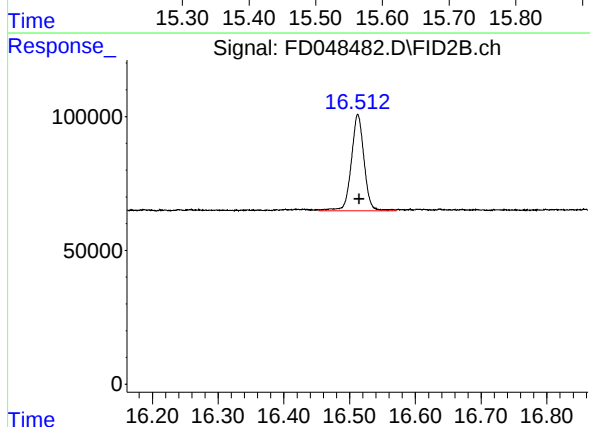
FID_D

ClientSampleId :

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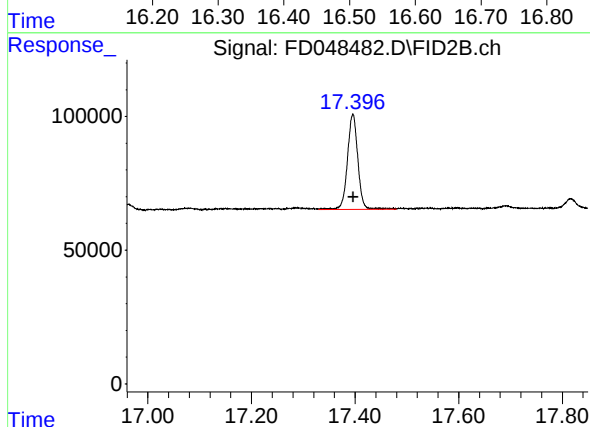
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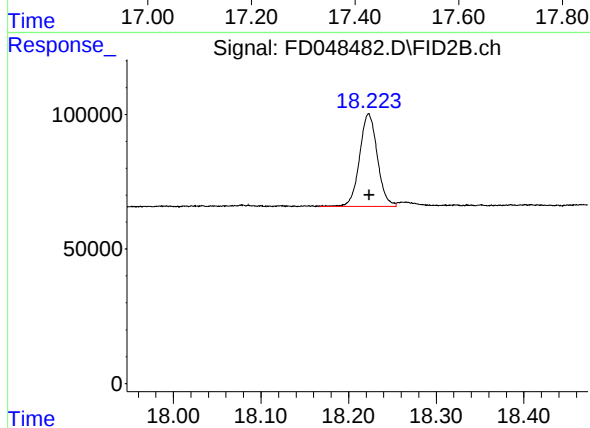
#16 n-Octacosane (C28)

R.T.: 16.513 min
Delta R.T.: -0.002 min
Response: 485726
Conc: 2.95 ug/ml



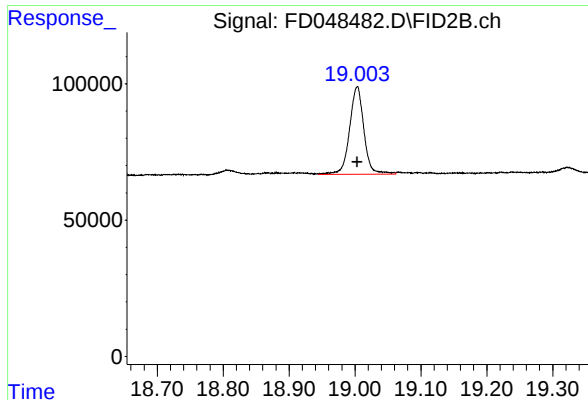
#17 n-Tricontane (C30)

R.T.: 17.396 min
Delta R.T.: -0.001 min
Response: 503986
Conc: 2.94 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.223 min
Delta R.T.: 0.000 min
Response: 485651
Conc: 2.90 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.003 min
Delta R.T.: 0.000 min
Response: 488245
Conc: 3.38 ug/ml

Instrument :

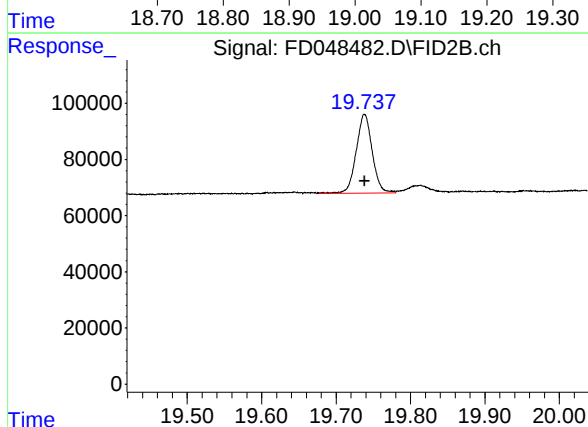
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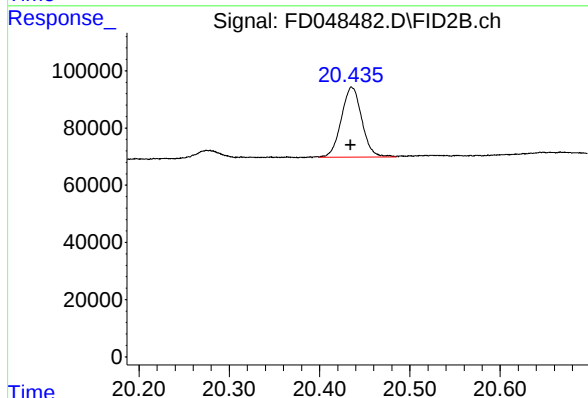
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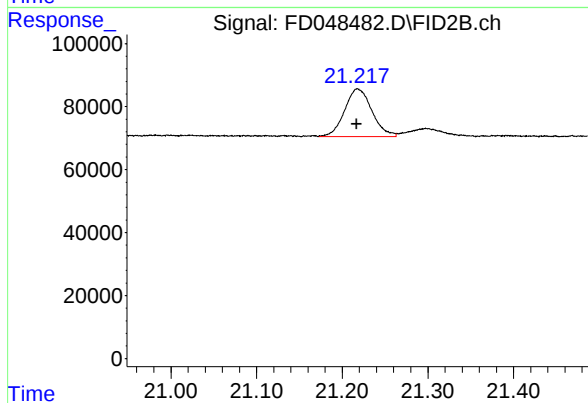
#20 n-Hexatriacontane (C36)

R.T.: 19.738 min
Delta R.T.: 0.000 min
Response: 421951
Conc: 3.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.435 min
Delta R.T.: 0.000 min
Response: 384928
Conc: 3.44 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.217 min
Delta R.T.: 0.000 min
Response: 335837
Conc: 3.35 ug/ml m