

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046694.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 17:09
 Operator : YP/AJ
 Sample : 04699-07
 Misc : 4PPM WATER LOD
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2023

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:47:53 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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...	12.817	5304188	33.661 ug/ml
Spiked Amount 50.000		Recovery =	67.32%
Target Compounds			
1) T n-Nonane (C9)	3.216	316034	1.911 ug/ml
2) T n-Decane (C10)	4.268	400466	2.376 ug/ml
4) T n-Dodecane (C12)	6.268	522177	3.074 ug/ml
6) T n-Tetradecane (C14)	8.052	513926	3.037 ug/ml
7) T n-Hexadecane (C16)	9.643	516865	2.926 ug/ml
8) T n-Octadecane (C18)	11.075	567800	3.097 ug/ml
10) T n-Eicosane (C20)	12.376	591154	3.270 ug/ml
11) T n-Heneicosane (C21)	12.984	556686	3.096 ug/ml
13) T n-Docosane (C22)	13.565	585256	3.240 ug/ml
14) T n-Tetracosane (C24)	14.660	601319	3.280 ug/mlm
15) T n-Hexacosane (C26)	15.673	579872	3.241 ug/ml
16) T n-Octacosane (C28)	16.616	599849	3.475 ug/ml
17) T n-Tricontane (C30)	17.495	621904	3.617 ug/ml
18) T n-Dotriacontane (C32)	18.321	611075	3.737 ug/mlm
19) T n-Tetratriacontane (C34)	19.099	543045	3.484 ug/ml
20) T n-Hexatriacontane (C36)	19.832	462139	3.287 ug/ml
21) T n-Octatriacontane (C38)	20.530	409706	3.060 ug/ml
22) T n-Tetracontane (C40)	21.343	350354	2.772 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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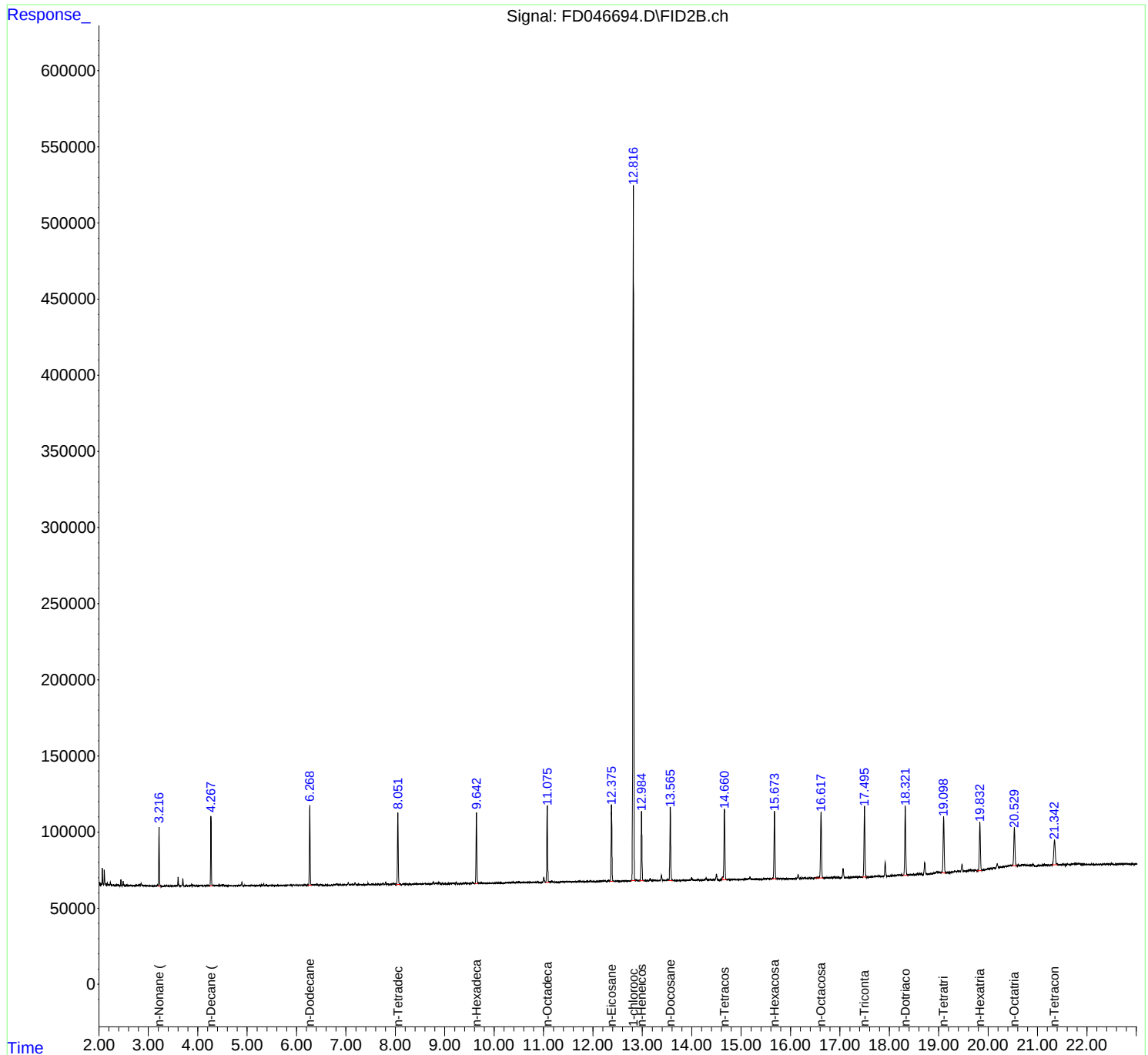
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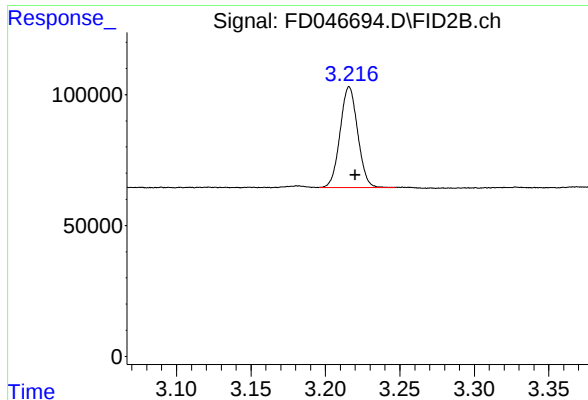
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: -0.004 min
Response: 316034
Conc: 1.91 ug/ml

Instrument :

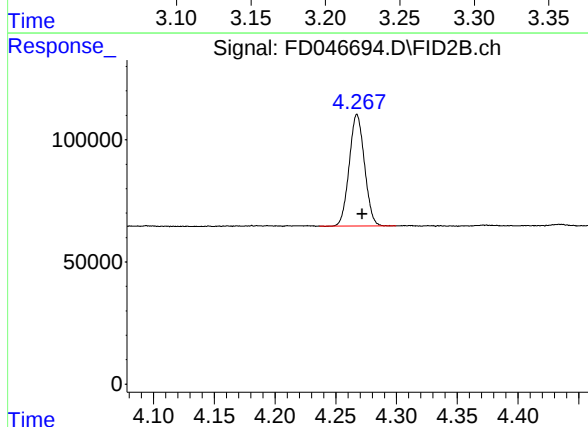
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ClientSampleId :

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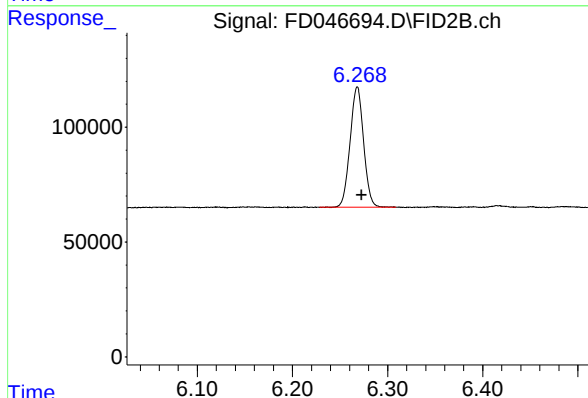
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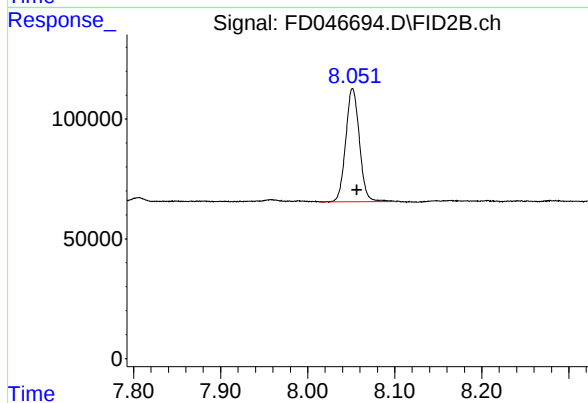
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.004 min
Response: 400466
Conc: 2.38 ug/ml



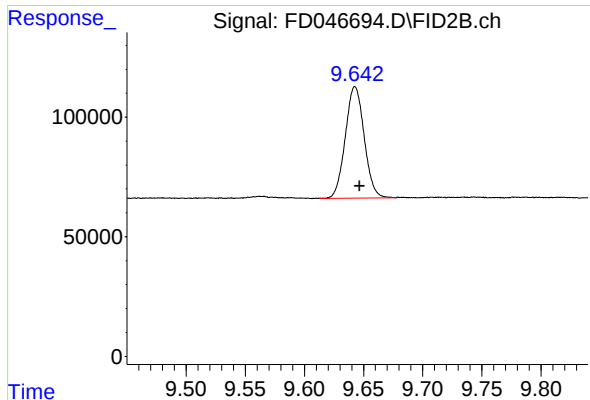
#4 n-Dodecane (C12)

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 522177
Conc: 3.07 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.052 min
Delta R.T.: -0.005 min
Response: 513926
Conc: 3.04 ug/ml



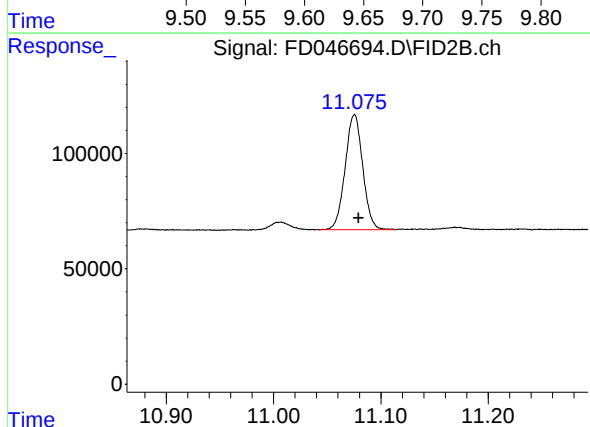
#7 n-Hexadecane (C16)

R.T.: 9.643 min
Delta R.T.: -0.004 min
Response: 516865
Conc: 2.93 ug/ml

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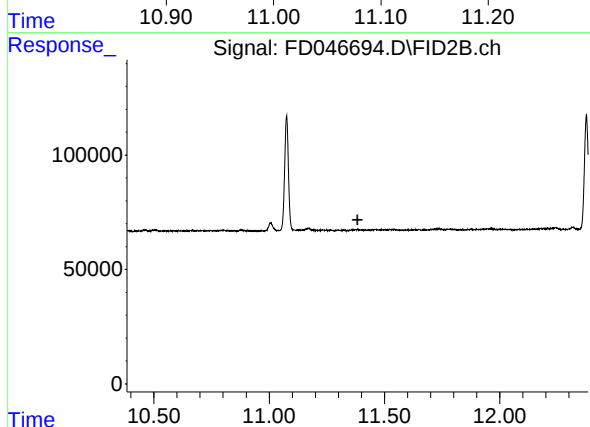
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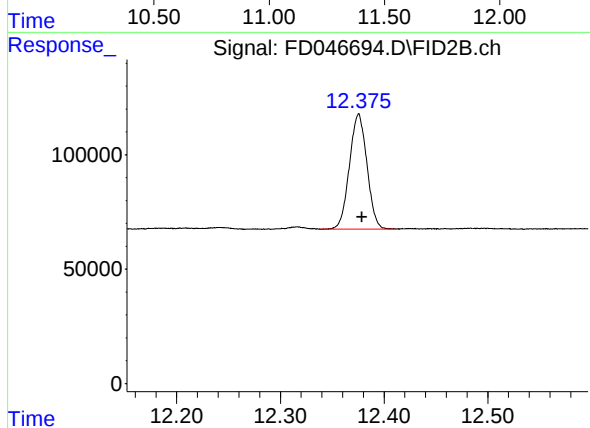
#8 n-Octadecane (C18)

R.T.: 11.075 min
Delta R.T.: -0.004 min
Response: 567800
Conc: 3.10 ug/ml



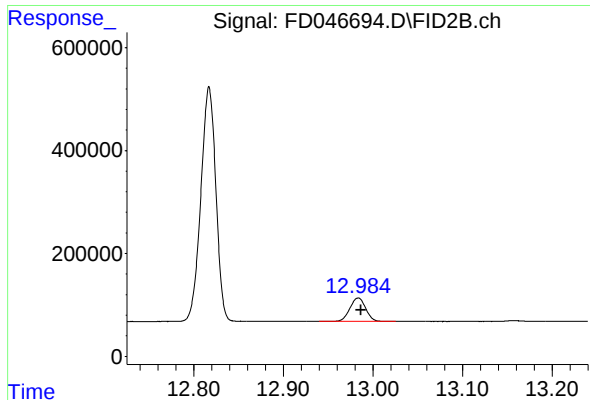
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.383 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.376 min
Delta R.T.: -0.003 min
Response: 591154
Conc: 3.27 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.984 min
Delta R.T.: -0.003 min
Response: 556686
Conc: 3.10 ug/ml

Instrument :

FID_D

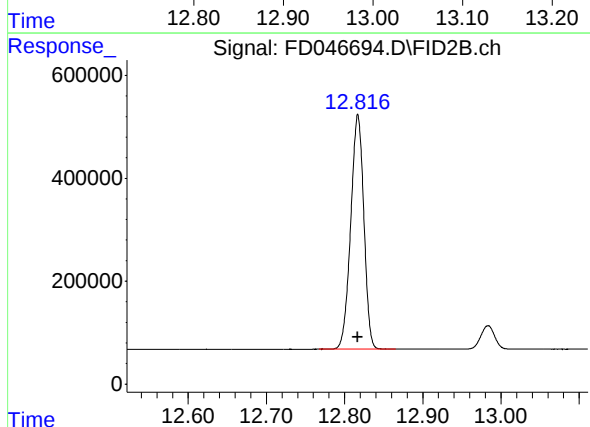
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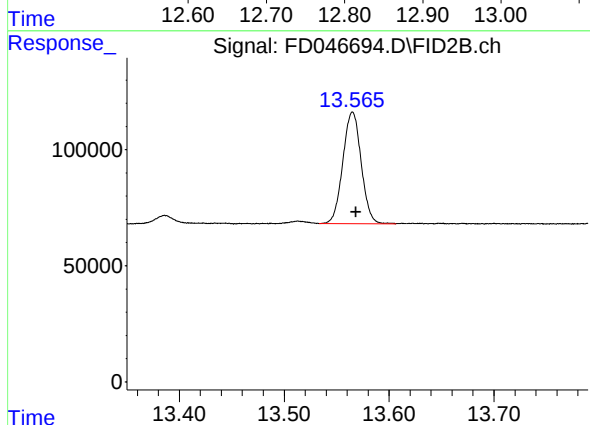
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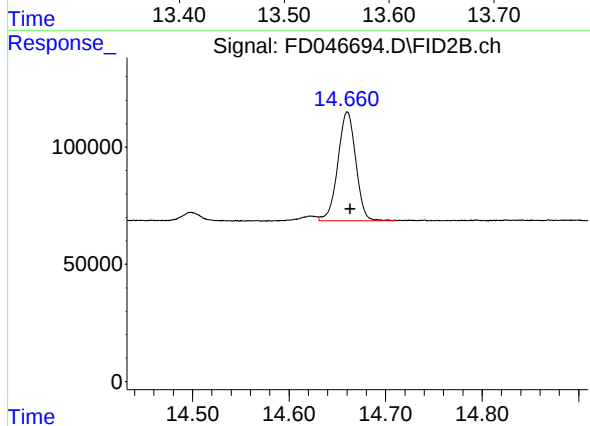
#12 1-chlorooctadecane (SURR)

R.T.: 12.817 min
Delta R.T.: 0.000 min
Response: 5304188
Conc: 33.66 ug/ml



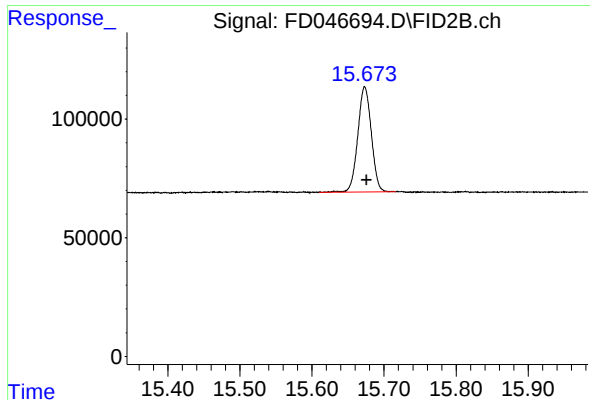
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: -0.003 min
Response: 585256
Conc: 3.24 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.660 min
Delta R.T.: -0.004 min
Response: 601319
Conc: 3.28 ug/ml m



#15 n-Hexacosane (C26)

R.T.: 15.673 min
Delta R.T.: -0.003 min
Response: 579872
Conc: 3.24 ug/ml

Instrument :

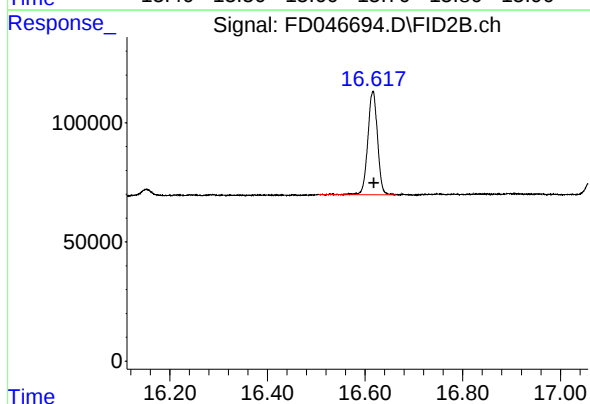
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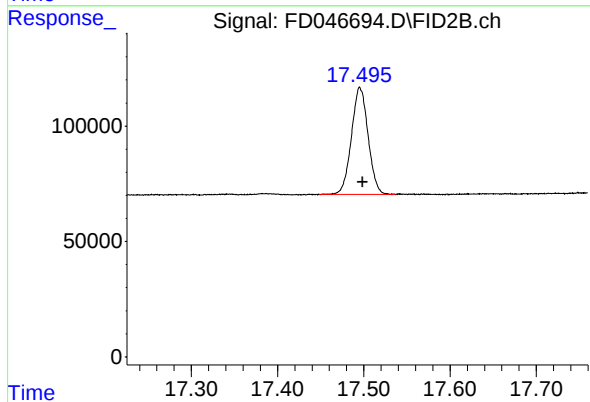
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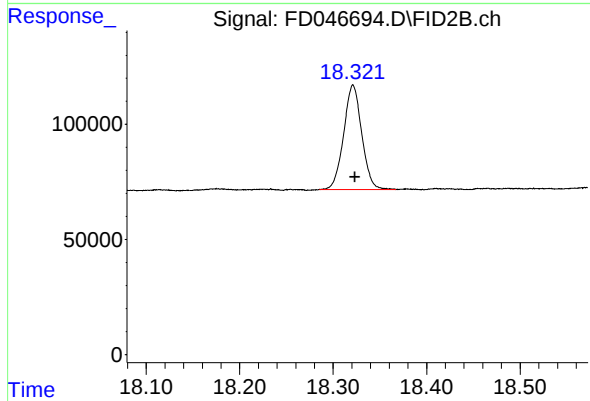
#16 n-Octacosane (C28)

R.T.: 16.616 min
Delta R.T.: -0.002 min
Response: 599849
Conc: 3.48 ug/ml



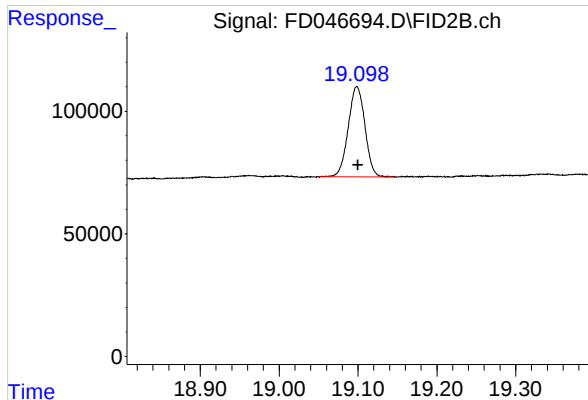
#17 n-Tricontane (C30)

R.T.: 17.495 min
Delta R.T.: -0.003 min
Response: 621904
Conc: 3.62 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.321 min
Delta R.T.: -0.002 min
Response: 611075
Conc: 3.74 ug/ml m



#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: -0.002 min
Response: 543045
Conc: 3.48 ug/ml

Instrument :

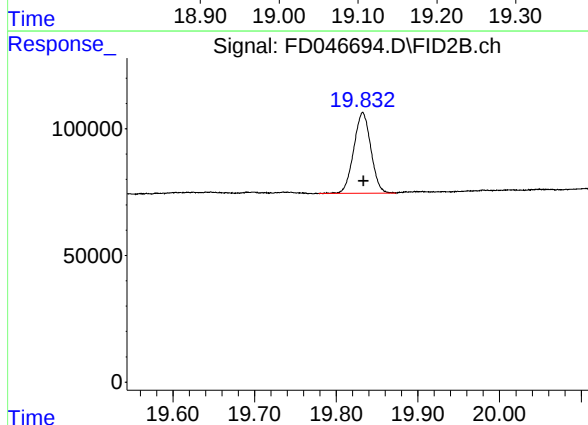
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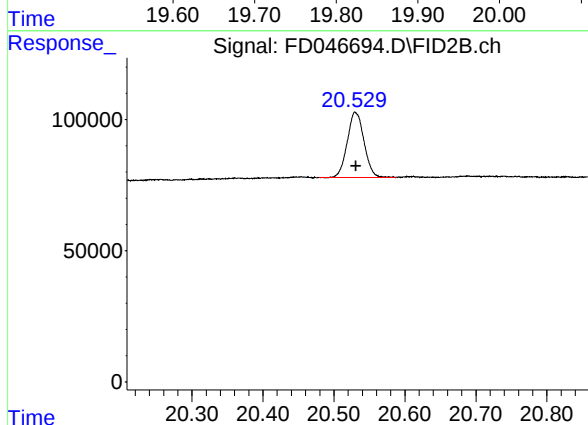
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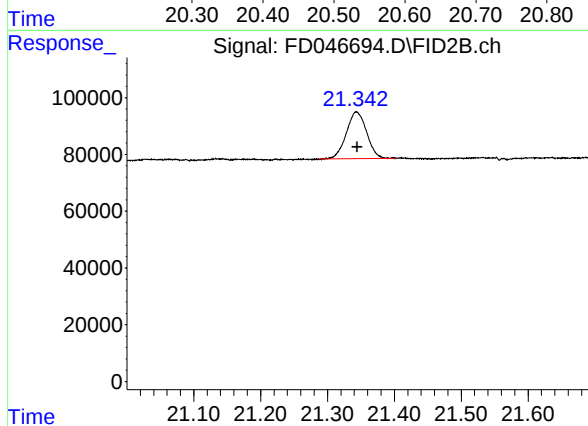
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: -0.001 min
Response: 462139
Conc: 3.29 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.530 min
Delta R.T.: -0.001 min
Response: 409706
Conc: 3.06 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.343 min
Delta R.T.: -0.002 min
Response: 350354
Conc: 2.77 ug/ml