

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100622AL\
 Data File : FD044048.D
 Signal(s) : FID2B.ch
 Acq On : 06 Oct 2022 20:20
 Operator : YP/AJ
 Sample : N4955-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/07/2022
 Supervised By :Ankita Jodhani 10/07/2022

Integration File: autoint1.e
 Quant Time: Oct 07 04:25:40 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 100522.M
 Quant Title : GC Extractables
 QLast Update : Thu Oct 06 01:41:44 2022
 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...	12.721	3553067	28.252 ug/ml
Spiked Amount 50.000		Recovery =	56.50%
Target Compounds			
1) T n-Nonane (C9)	3.140	130487	0.966 ug/mlm
2) T n-Decane (C10)	4.194	162085	1.206 ug/mlm
4) T n-Dodecane (C12)	6.190	230321	1.658 ug/ml
6) T n-Tetradecane (C14)	7.969	261649	1.879 ug/ml
7) T n-Hexadecane (C16)	9.556	230874	1.637 ug/ml
8) T n-Octadecane (C18)	10.984	252447	1.736 ug/ml
10) T n-Eicosane (C20)	12.280	270662	1.825 ug/ml
11) T n-Heneicosane (C21)	12.887	283126	1.887 ug/ml
13) T n-Docosane (C22)	13.467	292696	1.947 ug/ml
14) T n-Tetracosane (C24)	14.560	291652	1.932 ug/ml
15) T n-Hexacosane (C26)	15.570	289213	1.910 ug/ml
16) T n-Octacosane (C28)	16.510	289311	1.920 ug/ml
17) T n-Tricontane (C30)	17.387	302685	1.975 ug/ml
18) T n-Dotriacontane (C32)	18.210	310159	2.022 ug/ml
19) T n-Tetratriacontane (C34)	18.983	299860	2.037 ug/ml
20) T n-Hexatriacontane (C36)	19.714	274223	1.870 ug/ml
21) T n-Octatriacontane (C38)	20.407	243614	1.746 ug/ml
22) T n-Tetracontane (C40)	21.166	246158	1.893 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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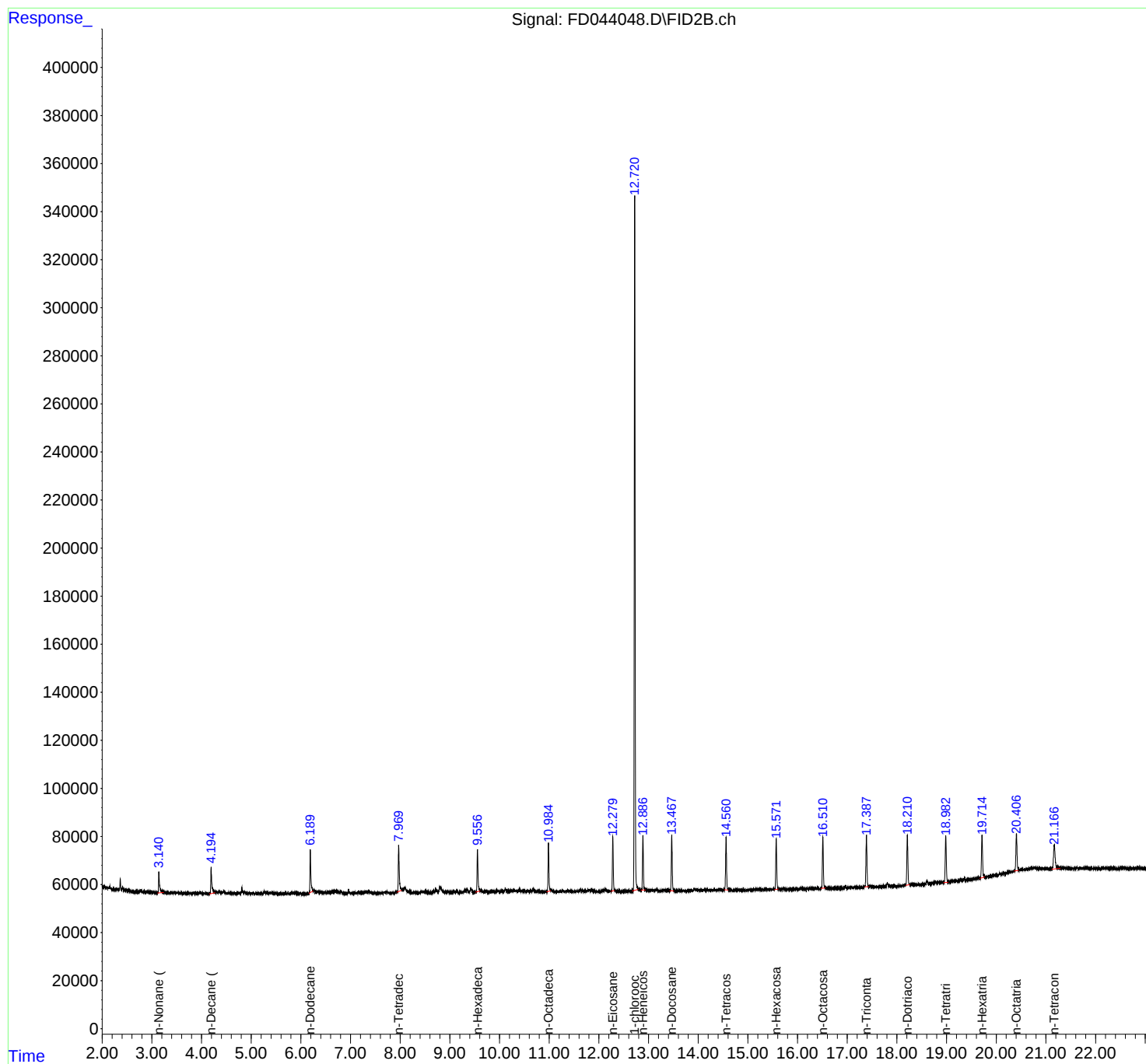
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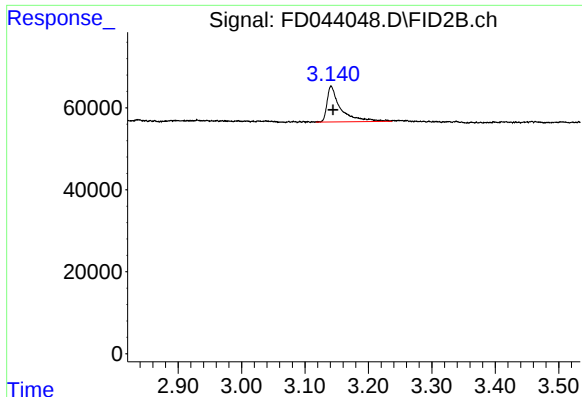
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#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: -0.004 min
Response: 130487
Conc: 0.97 ug/ml

Instrument :

FID_D

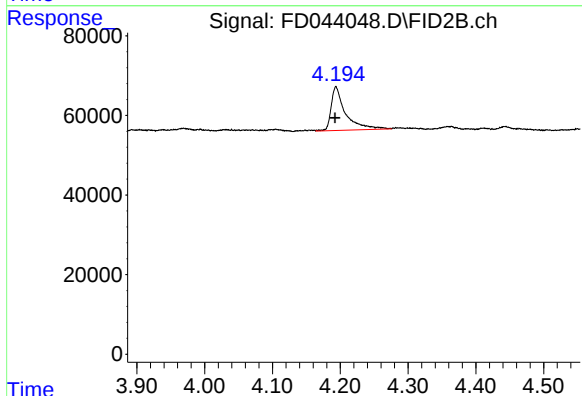
ClientSampleId :

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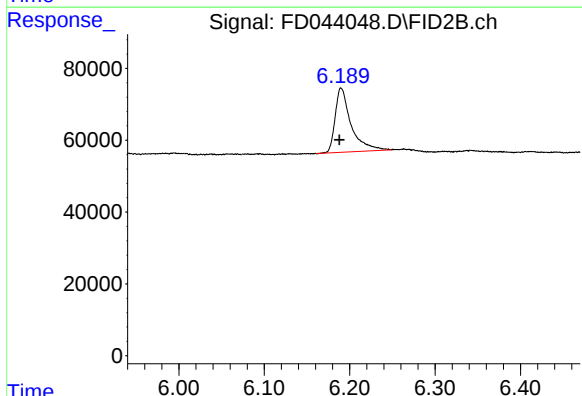
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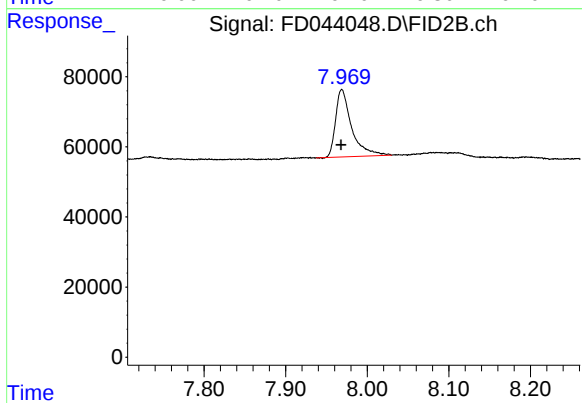
#2 n-Decane (C10)

R.T.: 4.194 min
Delta R.T.: 0.001 min
Response: 162085
Conc: 1.21 ug/ml m



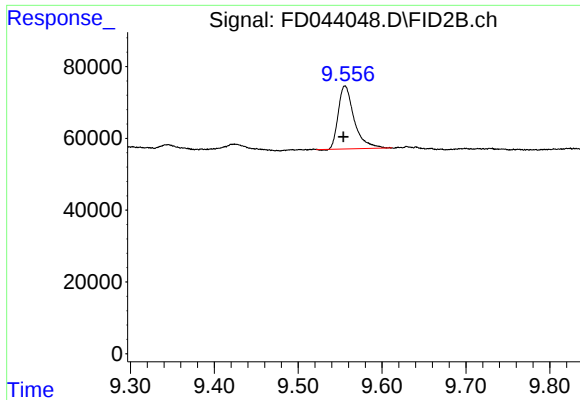
#4 n-Dodecane (C12)

R.T.: 6.190 min
Delta R.T.: 0.002 min
Response: 230321
Conc: 1.66 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.969 min
Delta R.T.: 0.001 min
Response: 261649
Conc: 1.88 ug/ml



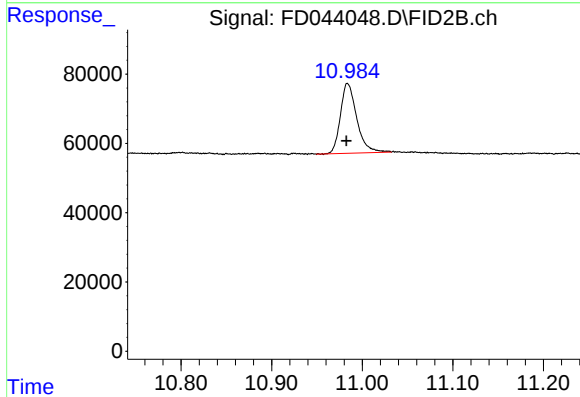
#7 n-Hexadecane (C16)

R.T.: 9.556 min
Delta R.T.: 0.002 min
Response: 230874
Conc: 1.64 ug/ml

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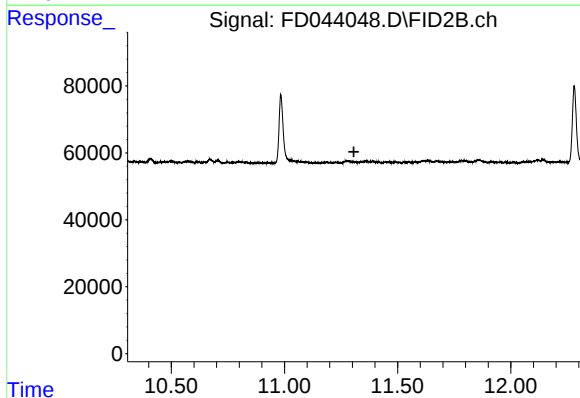
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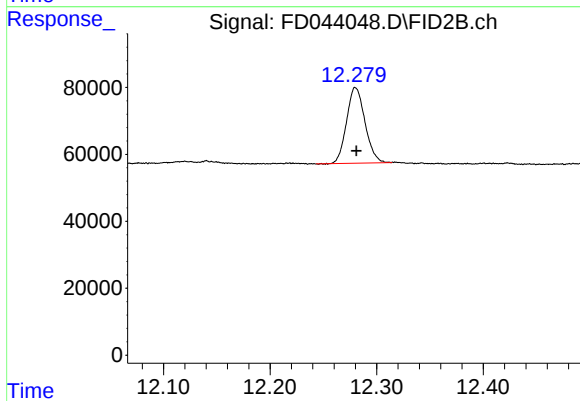
#8 n-Octadecane (C18)

R.T.: 10.984 min
Delta R.T.: 0.001 min
Response: 252447
Conc: 1.74 ug/ml



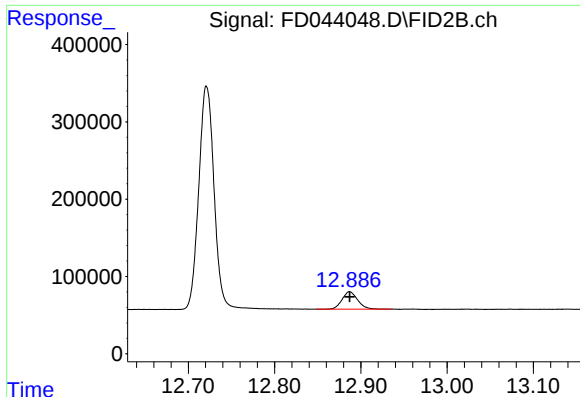
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.307 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.280 min
Delta R.T.: 0.000 min
Response: 270662
Conc: 1.83 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.887 min
Delta R.T.: 0.000 min
Response: 283126
Conc: 1.89 ug/ml

Instrument :

FID_D

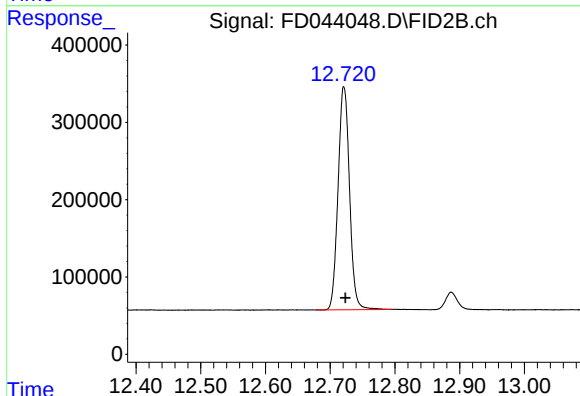
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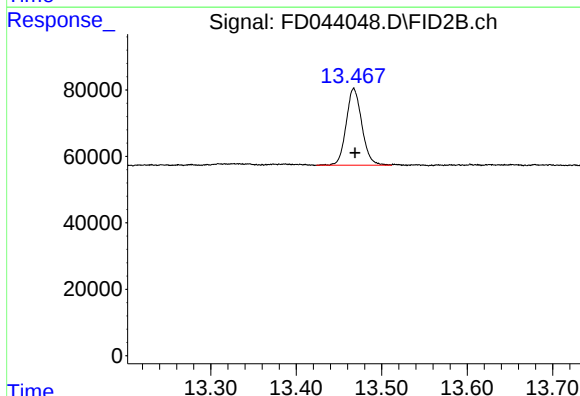
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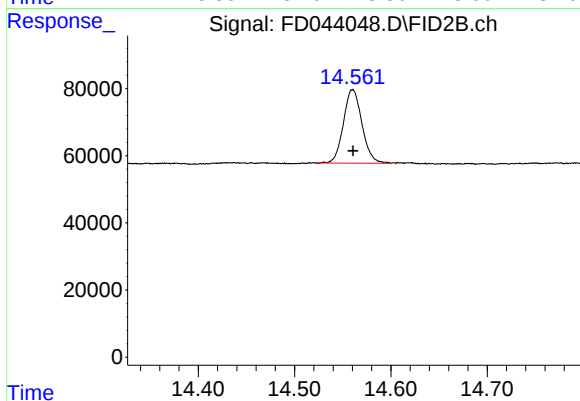
#12 1-chlorooctadecane (SURR)

R.T.: 12.721 min
Delta R.T.: -0.003 min
Response: 3553067
Conc: 28.25 ug/ml



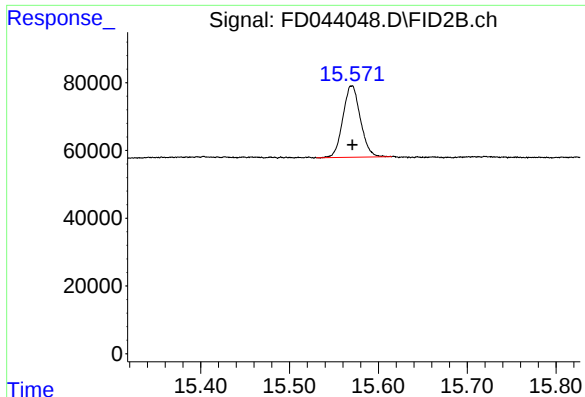
#13 n-Docosane (C22)

R.T.: 13.467 min
Delta R.T.: -0.001 min
Response: 292696
Conc: 1.95 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.560 min
Delta R.T.: 0.000 min
Response: 291652
Conc: 1.93 ug/ml



#15 n-Hexacosane (C26)

R.T.: 15.570 min
Delta R.T.: 0.000 min
Response: 289213
Conc: 1.91 ug/ml

Instrument :

FID_D

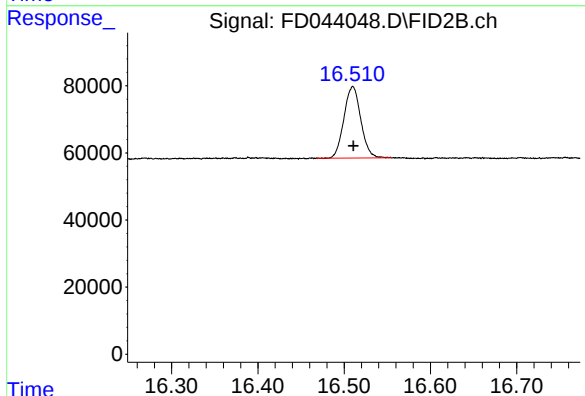
ClientSampleId :

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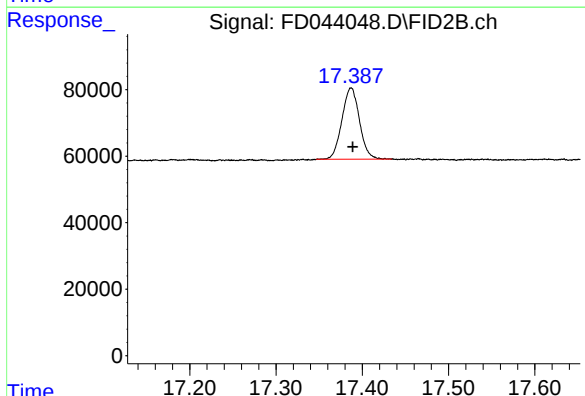
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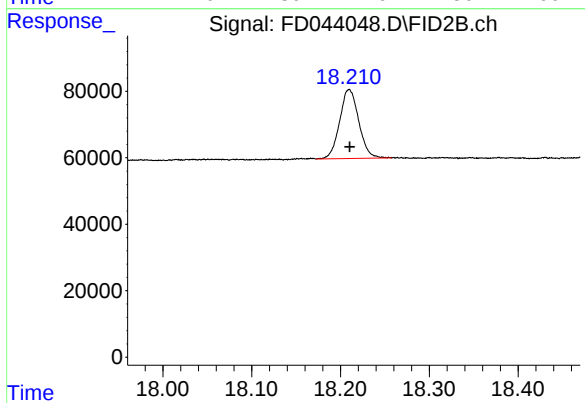
#16 n-Octacosane (C28)

R.T.: 16.510 min
Delta R.T.: 0.000 min
Response: 289311
Conc: 1.92 ug/ml



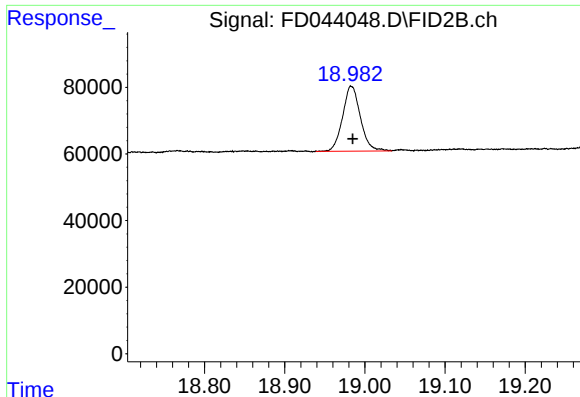
#17 n-Tricontane (C30)

R.T.: 17.387 min
Delta R.T.: -0.002 min
Response: 302685
Conc: 1.97 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.210 min
Delta R.T.: 0.000 min
Response: 310159
Conc: 2.02 ug/ml



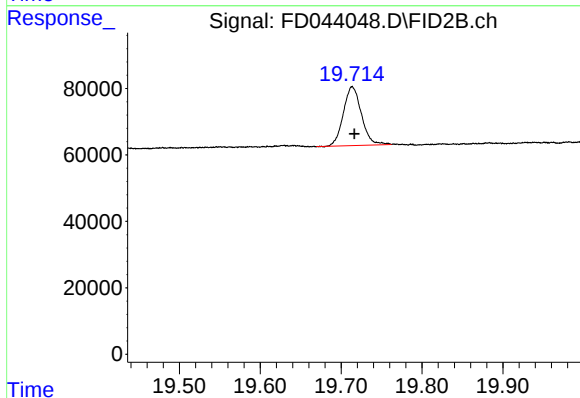
#19 n-Tetratriacontane (C34)

R.T.: 18.983 min
Delta R.T.: -0.002 min
Response: 299860
Conc: 2.04 ug/ml

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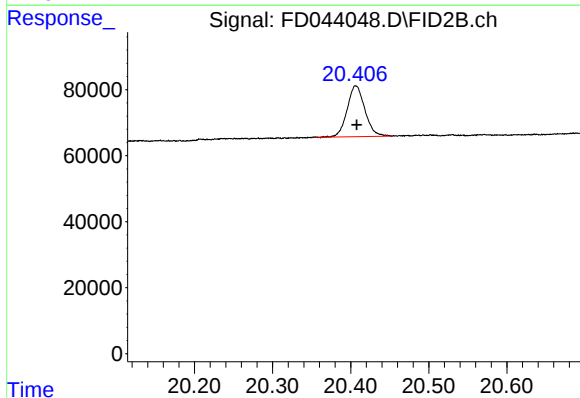
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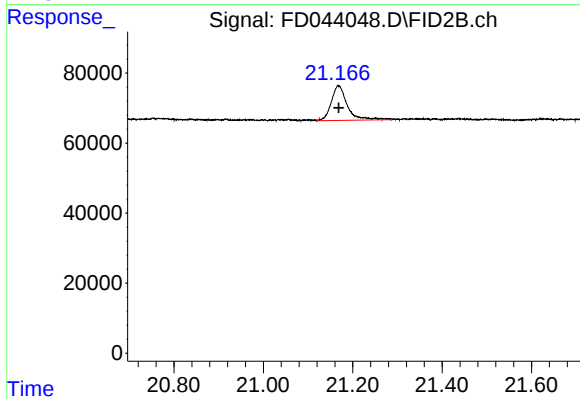
#20 n-Hexatriacontane (C36)

R.T.: 19.714 min
Delta R.T.: -0.003 min
Response: 274223
Conc: 1.87 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.407 min
Delta R.T.: 0.000 min
Response: 243614
Conc: 1.75 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.166 min
Delta R.T.: -0.002 min
Response: 246158
Conc: 1.89 ug/ml m