

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016011.D
 Signal(s) : FID2B.ch
 Acq On : 16 Jun 2025 20:53
 Operator : YP\AJ
 Sample : Q2126-07
 Misc : 2.5 PPM WATER LOD
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT2-2025

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 06/17/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 17 01:56:31 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 061325.M
 Quant Title : GC Extractables
 QLast Update : Mon Jun 16 03:15:40 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...	13.441	4467880	39.849 ug/ml
Spiked Amount 50.000		Recovery =	79.70%
Target Compounds			
1) T n-Nonane (C9)	3.367	161187	1.375 ug/ml
2) T n-Decane (C10)	4.623	203733	1.702 ug/mlm
4) T n-Dodecane (C12)	6.796	237243	1.960 ug/ml
6) T n-Tetradecane (C14)	8.628	273019	2.245 ug/ml
7) T n-Hexadecane (C16)	10.236	246878	1.951 ug/ml
8) T n-Octadecane (C18)	11.681	270046	2.071 ug/ml
10) T n-Eicosane (C20)	12.991	283803	2.210 ug/ml
11) T n-Heneicosane (C21)	13.604	265843	2.087 ug/ml
13) T n-Docosane (C22)	14.191	281817	2.203 ug/ml
14) T n-Tetracosane (C24)	15.296	286263	2.206 ug/ml
15) T n-Hexacosane (C26)	16.319	276054	2.152 ug/ml
16) T n-Octacosane (C28)	17.270	299443	2.387 ug/mlm
17) T n-Tricontane (C30)	18.160	334385	2.673 ug/ml
18) T n-Dotriacontane (C32)	18.994	339335	2.870 ug/ml
19) T n-Tetratriacontane (C34)	19.779	299365	2.841 ug/ml
20) T n-Hexatriacontane (C36)	20.520	255402	2.838 ug/ml
21) T n-Octatriacontane (C38)	21.282	237238	2.936 ug/mlm
22) T n-Tetracontane (C40)	22.238	197489	2.671 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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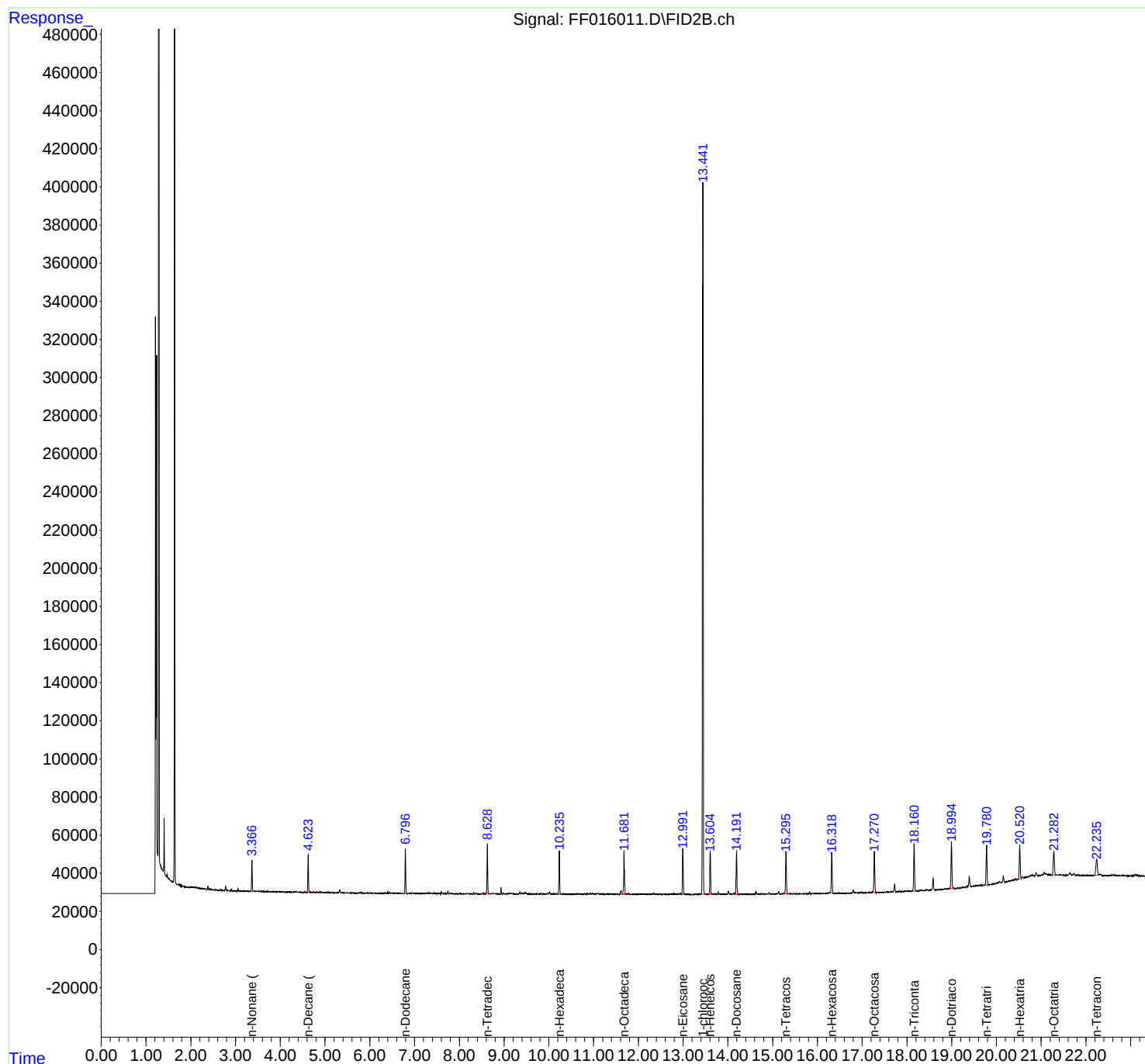
Response via : Initial Calibration

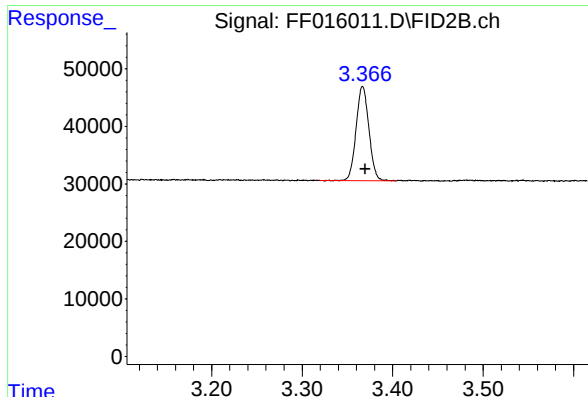
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 161187
Conc: 1.37 ug/ml

Instrument :

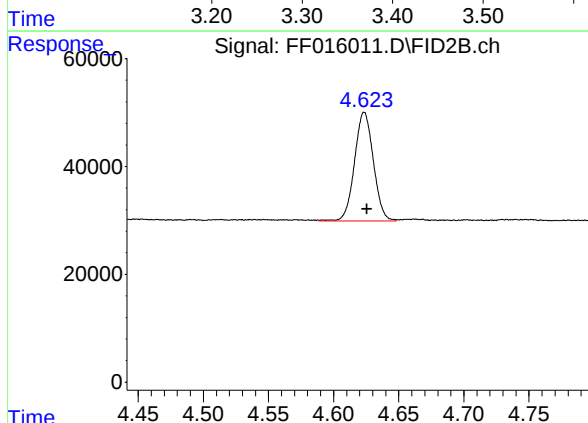
FID_F

ClientSampleId :

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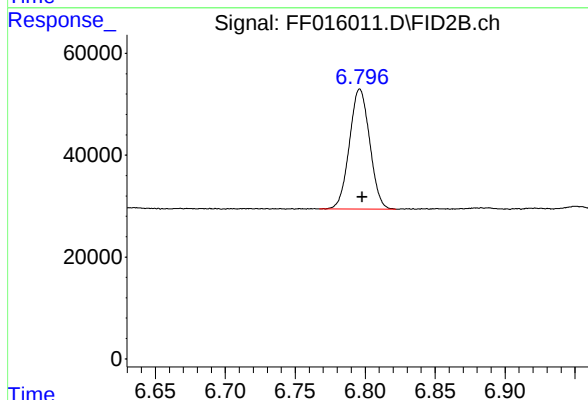
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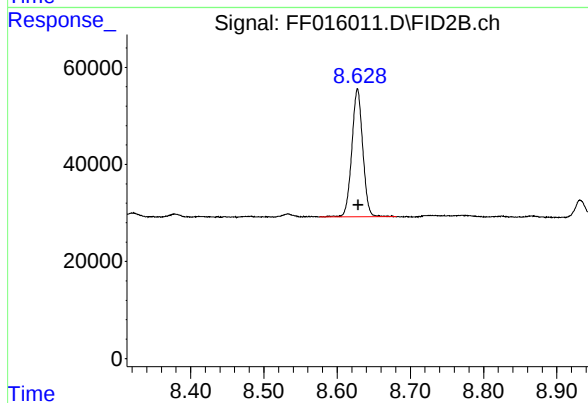
#2 n-Decane (C10)

R.T.: 4.623 min
Delta R.T.: -0.003 min
Response: 203733
Conc: 1.70 ug/ml m



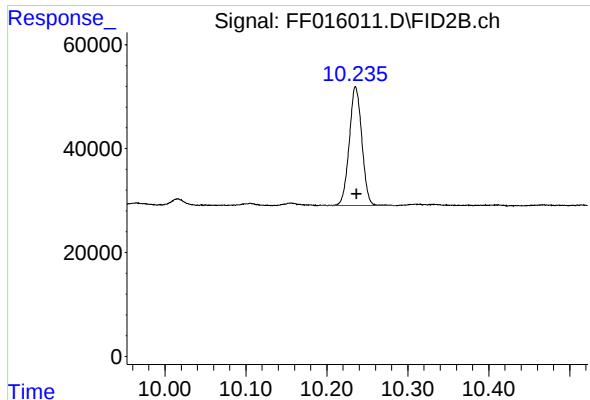
#4 n-Dodecane (C12)

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 237243
Conc: 1.96 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 273019
Conc: 2.25 ug/ml



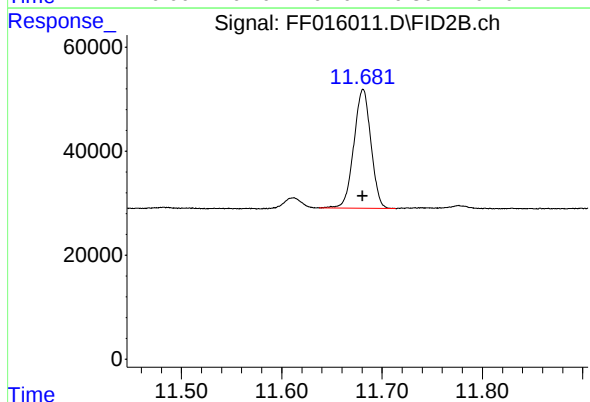
#7 n-Hexadecane (C16)

R.T.: 10.236 min
Delta R.T.: 0.000 min
Response: 246878
Conc: 1.95 ug/ml

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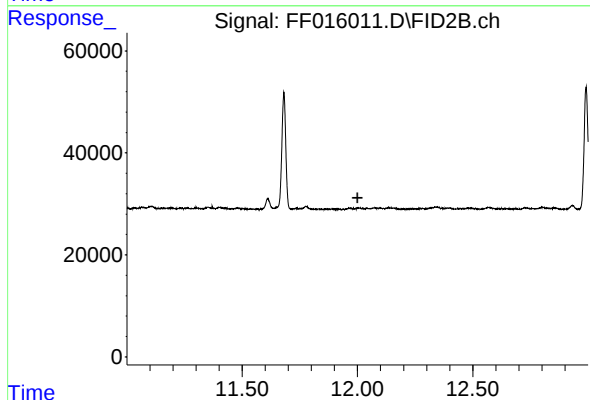
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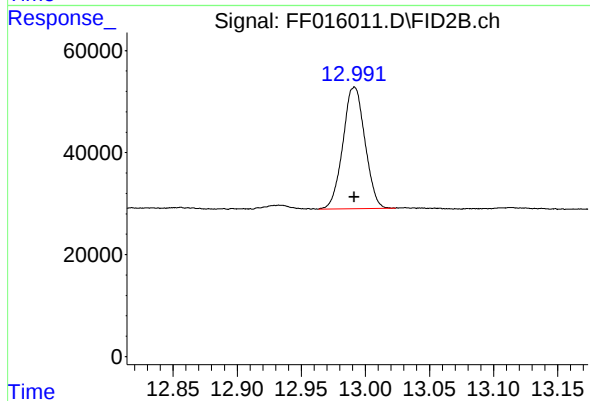
#8 n-Octadecane (C18)

R.T.: 11.681 min
Delta R.T.: 0.000 min
Response: 270046
Conc: 2.07 ug/ml



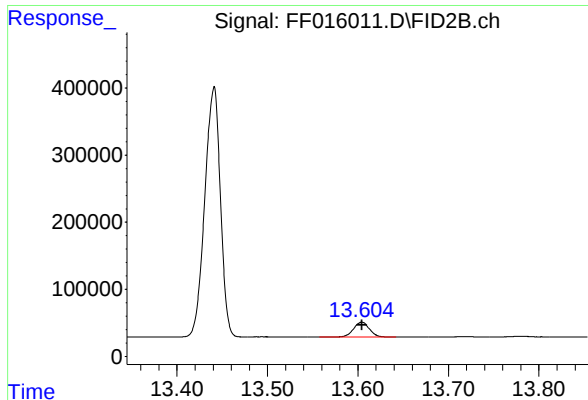
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 12.000 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.991 min
Delta R.T.: 0.000 min
Response: 283803
Conc: 2.21 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 265843
Conc: 2.09 ug/ml

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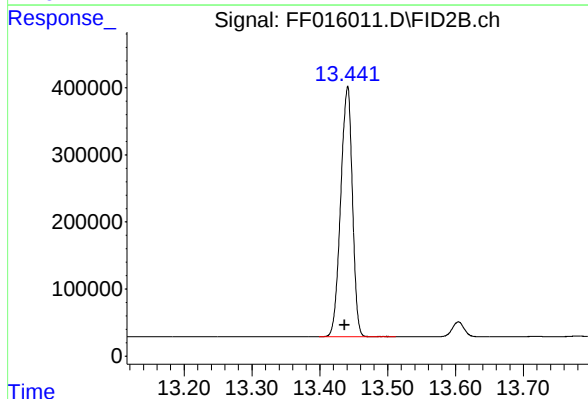
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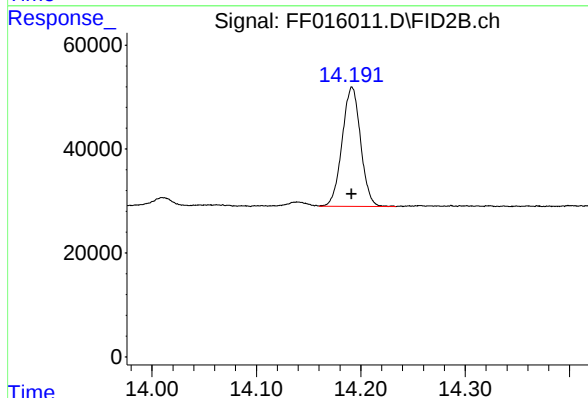
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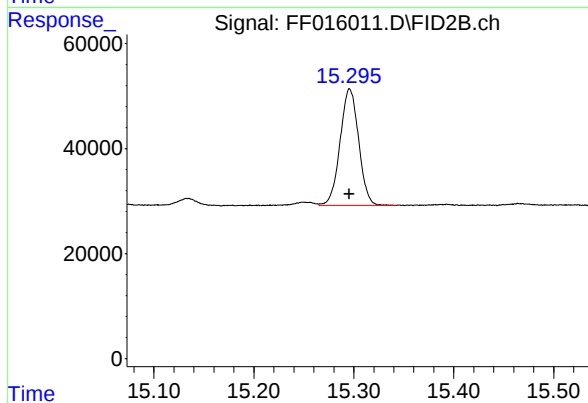
#12 1-chlorooctadecane (SURR)

R.T.: 13.441 min
Delta R.T.: 0.004 min
Response: 4467880
Conc: 39.85 ug/ml



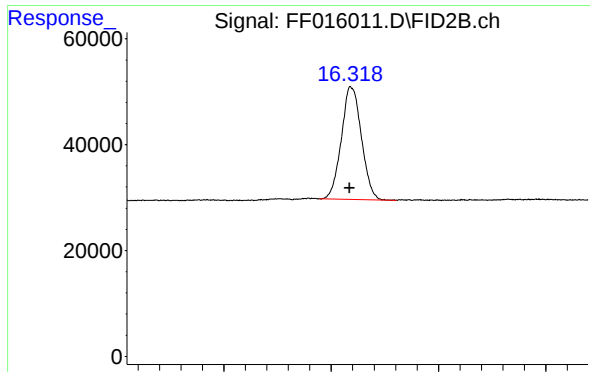
#13 n-Docosane (C22)

R.T.: 14.191 min
Delta R.T.: 0.000 min
Response: 281817
Conc: 2.20 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.296 min
Delta R.T.: 0.000 min
Response: 286263
Conc: 2.21 ug/ml



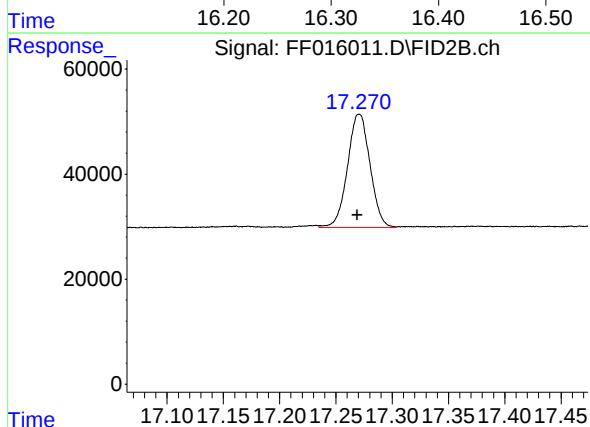
#15 n-Hexacosane (C26)

R.T.: 16.319 min
Delta R.T.: 0.002 min
Response: 276054
Conc: 2.15 ug/ml

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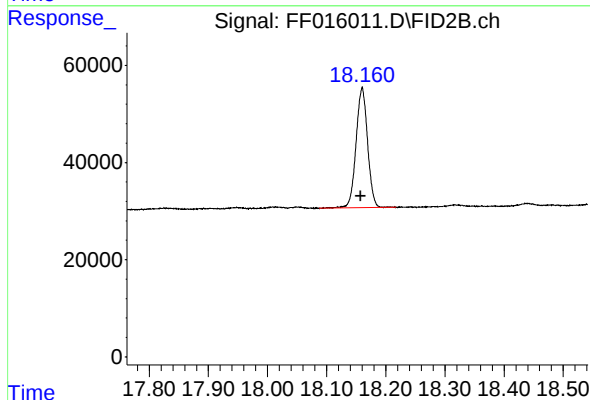
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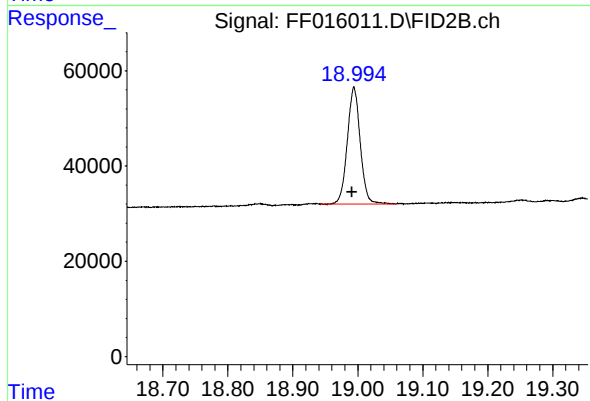
#16 n-Octacosane (C28)

R.T.: 17.270 min
Delta R.T.: 0.001 min
Response: 299443
Conc: 2.39 ug/ml



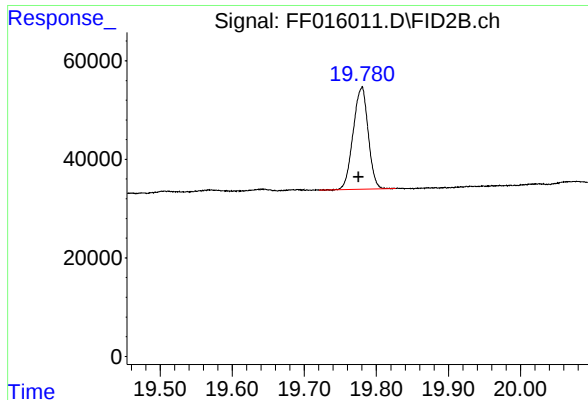
#17 n-Tricontane (C30)

R.T.: 18.160 min
Delta R.T.: 0.002 min
Response: 334385
Conc: 2.67 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.003 min
Response: 339335
Conc: 2.87 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.779 min
Delta R.T.: 0.004 min
Response: 299365
Conc: 2.84 ug/ml

Instrument :

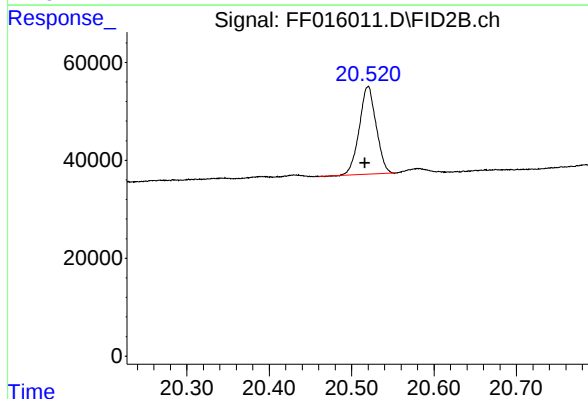
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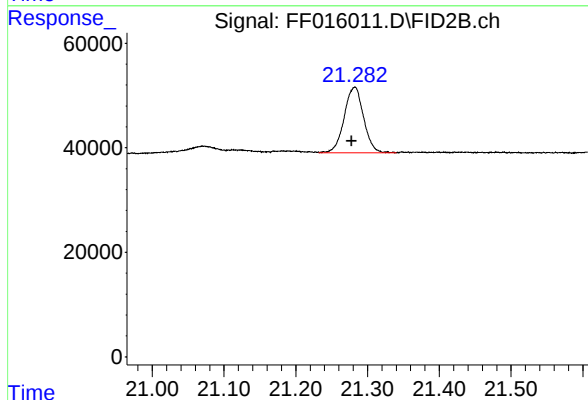
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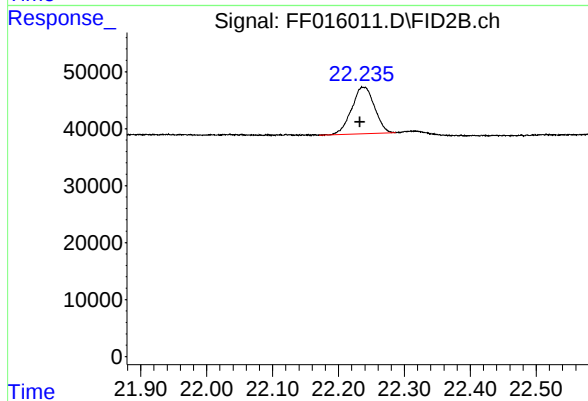
#20 n-Hexatriacontane (C36)

R.T.: 20.520 min
Delta R.T.: 0.004 min
Response: 255402
Conc: 2.84 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.282 min
Delta R.T.: 0.004 min
Response: 237238
Conc: 2.94 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.238 min
Delta R.T.: 0.005 min
Response: 197489
Conc: 2.67 ug/ml