

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF061625AL\
 Data File : FF016019.D
 Signal(s) : FID2B.ch
 Acq On : 17 Jun 2025 10:21
 Operator : YP\AJ
 Sample : Q2126-09
 Misc : 2.5 PPM WATER MDL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 MDL-WATER-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/18/2025
 Supervised By :mohammad ahmed 06/19/2025

Integration File: autoint1.e
 Quant Time: Jun 18 02:57:13 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...	13.440	4480437	39.961 ug/ml
Spiked Amount 50.000		Recovery =	79.92%
Target Compounds			
1) T n-Nonane (C9)	3.367	164130	1.400 ug/ml
2) T n-Decane (C10)	4.624	205251	1.715 ug/mlm
4) T n-Dodecane (C12)	6.796	243573	2.012 ug/ml
6) T n-Tetradecane (C14)	8.628	276321	2.272 ug/ml
7) T n-Hexadecane (C16)	10.235	250278	1.978 ug/ml
8) T n-Octadecane (C18)	11.680	277564	2.128 ug/ml
10) T n-Eicosane (C20)	12.991	291967	2.273 ug/ml
11) T n-Heneicosane (C21)	13.604	267631	2.101 ug/ml
13) T n-Docosane (C22)	14.191	282335	2.207 ug/ml
14) T n-Tetracosane (C24)	15.296	289521	2.232 ug/ml
15) T n-Hexacosane (C26)	16.319	280120	2.184 ug/ml
16) T n-Octacosane (C28)	17.270	301169	2.401 ug/ml
17) T n-Tricontane (C30)	18.159	341017	2.726 ug/ml
18) T n-Dotriacontane (C32)	18.994	346443	2.930 ug/ml
19) T n-Tetratriacontane (C34)	19.779	302250	2.868 ug/ml
20) T n-Hexatriacontane (C36)	20.520	257805	2.865 ug/ml
21) T n-Octatriacontane (C38)	21.283	228437	2.827 ug/ml
22) T n-Tetracontane (C40)	22.238	202216	2.734 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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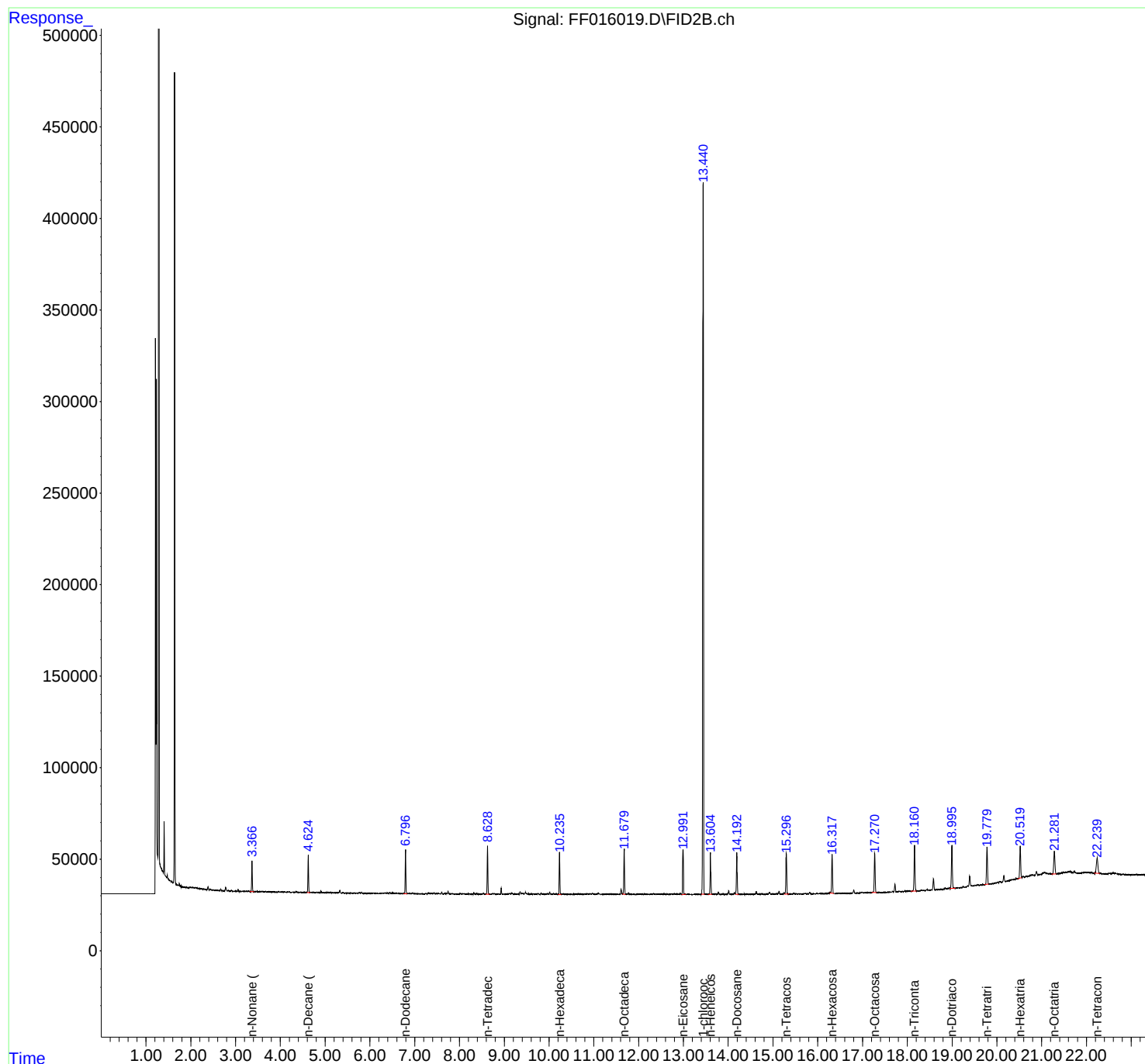
Instrument :
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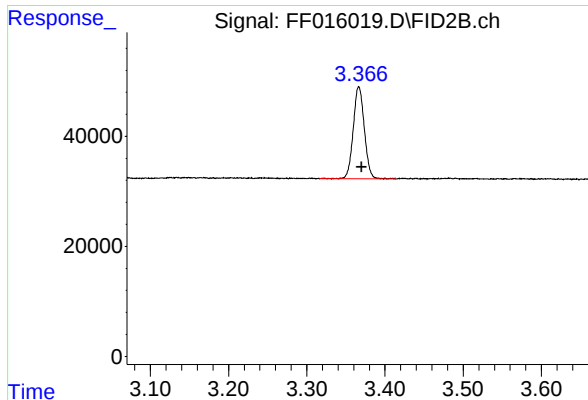
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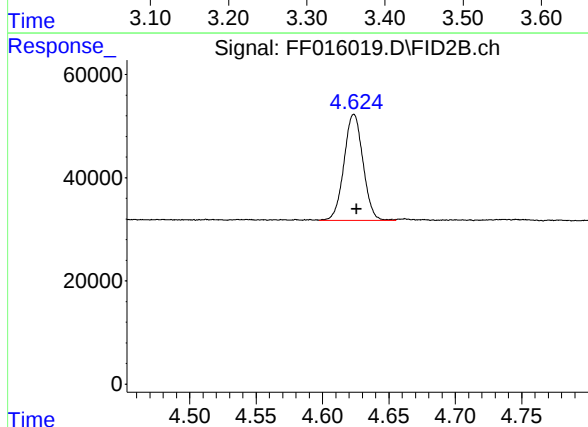
#1 n-Nonane (C9)

R.T.: 3.367 min
Delta R.T.: -0.003 min
Response: 164130
Conc: 1.40 ug/ml

Instrument :
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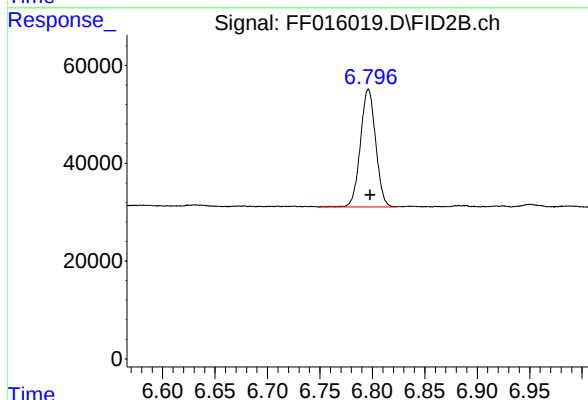
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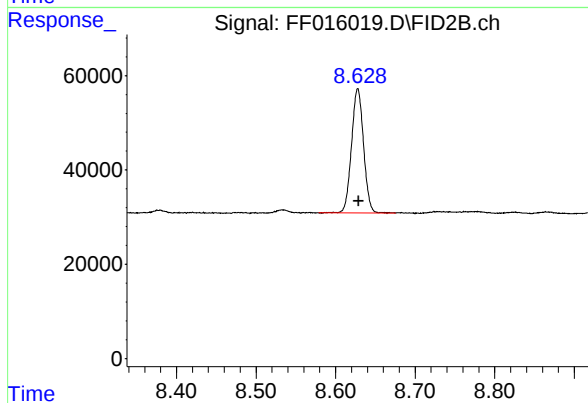
#2 n-Decane (C10)

R.T.: 4.624 min
Delta R.T.: -0.002 min
Response: 205251
Conc: 1.71 ug/ml m



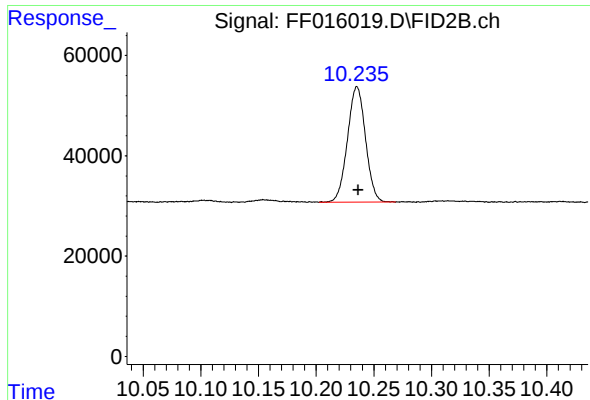
#4 n-Dodecane (C12)

R.T.: 6.796 min
Delta R.T.: -0.002 min
Response: 243573
Conc: 2.01 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.628 min
Delta R.T.: -0.001 min
Response: 276321
Conc: 2.27 ug/ml



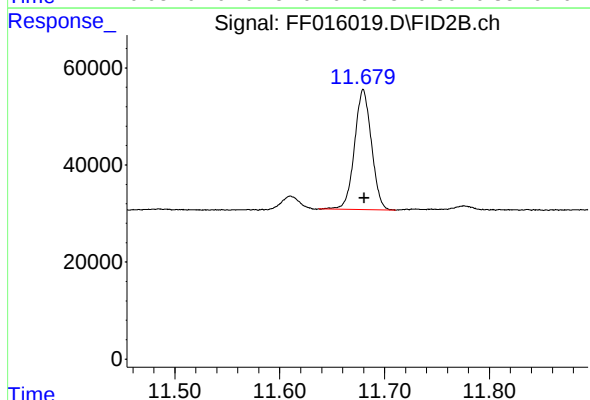
#7 n-Hexadecane (C16)

R.T.: 10.235 min
Delta R.T.: -0.001 min
Response: 250278
Conc: 1.98 ug/ml

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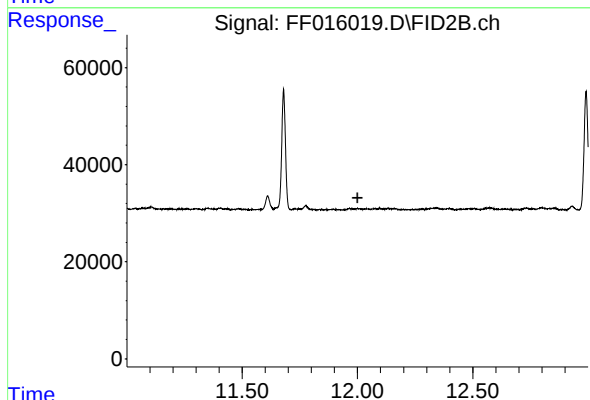
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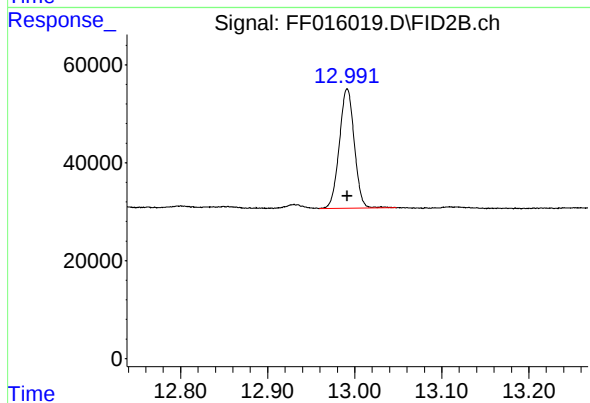
#8 n-Octadecane (C18)

R.T.: 11.680 min
Delta R.T.: 0.000 min
Response: 277564
Conc: 2.13 ug/ml



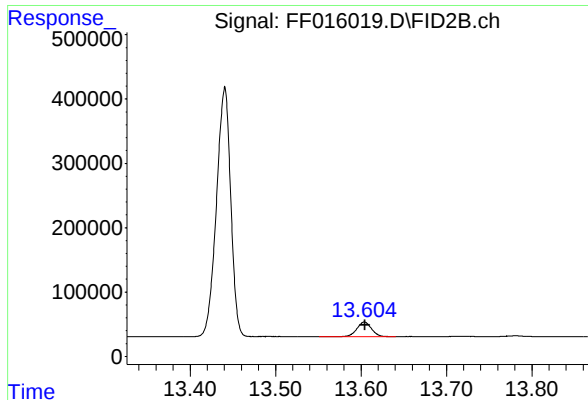
#9 ortho-Terphenyl (SURR)

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: 291967
Conc: 2.27 ug/ml



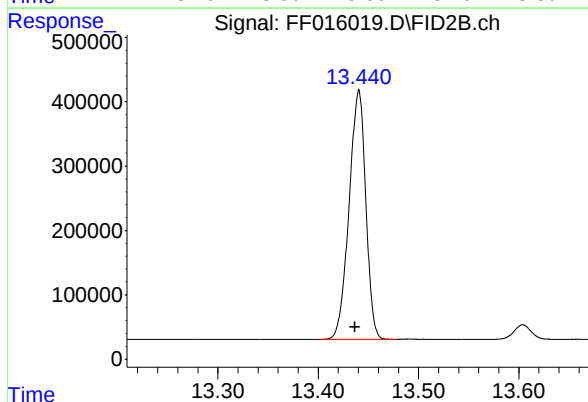
#11 n-Heneicosane (C21)

R.T.: 13.604 min
Delta R.T.: 0.000 min
Response: 267631
Conc: 2.10 ug/ml

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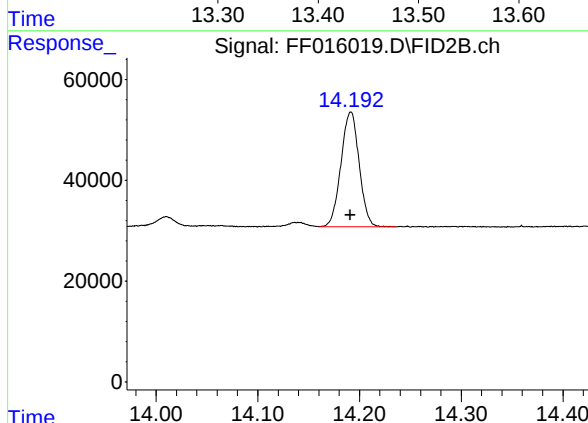
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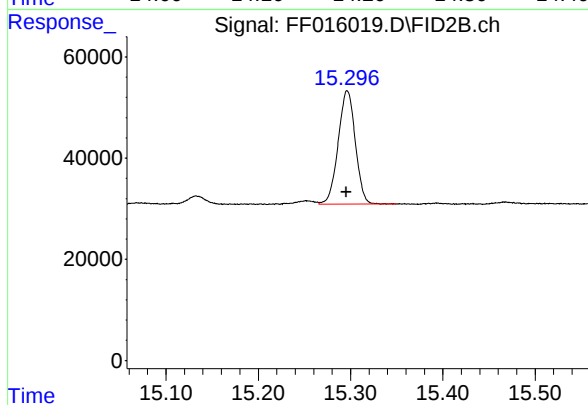
#12 1-chlorooctadecane (SURR)

R.T.: 13.440 min
Delta R.T.: 0.004 min
Response: 4480437
Conc: 39.96 ug/ml



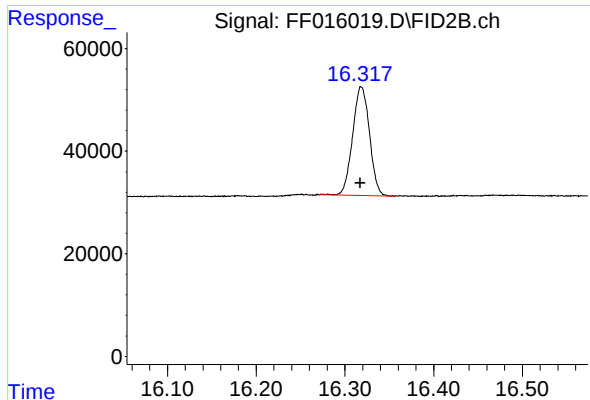
#13 n-Docosane (C22)

R.T.: 14.191 min
Delta R.T.: 0.000 min
Response: 282335
Conc: 2.21 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.296 min
Delta R.T.: 0.001 min
Response: 289521
Conc: 2.23 ug/ml



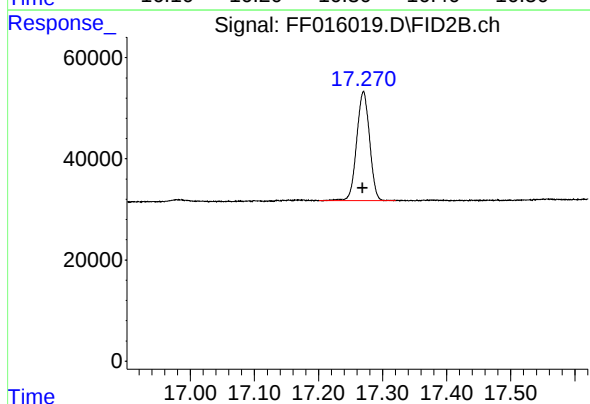
#15 n-Hexacosane (C26)

R.T.: 16.319 min
Delta R.T.: 0.001 min
Response: 280120
Conc: 2.18 ug/ml

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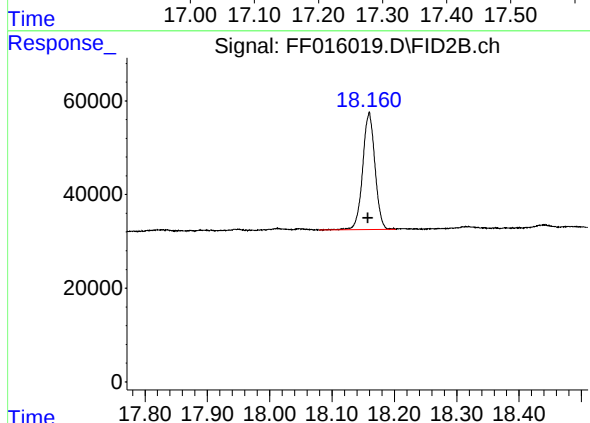
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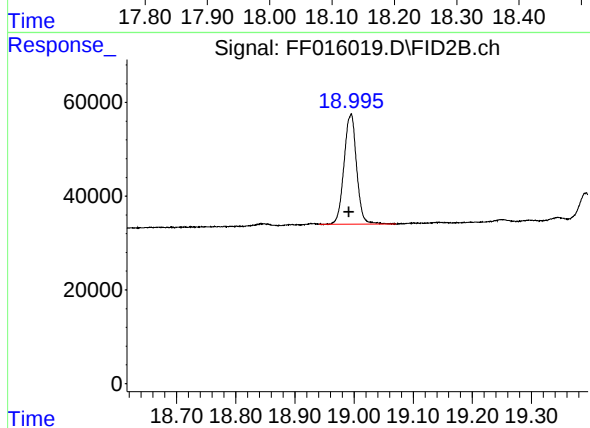
#16 n-Octacosane (C28)

R.T.: 17.270 min
Delta R.T.: 0.000 min
Response: 301169
Conc: 2.40 ug/ml



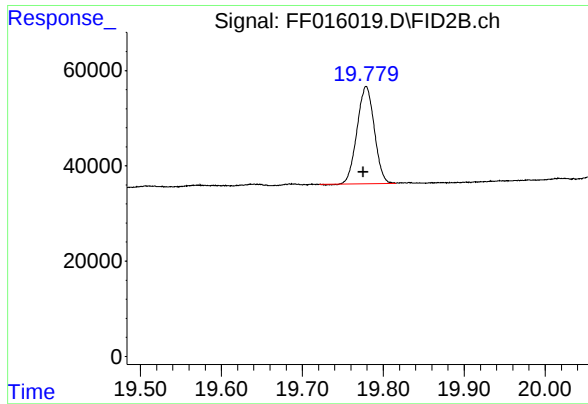
#17 n-Tricontane (C30)

R.T.: 18.159 min
Delta R.T.: 0.002 min
Response: 341017
Conc: 2.73 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.994 min
Delta R.T.: 0.003 min
Response: 346443
Conc: 2.93 ug/ml



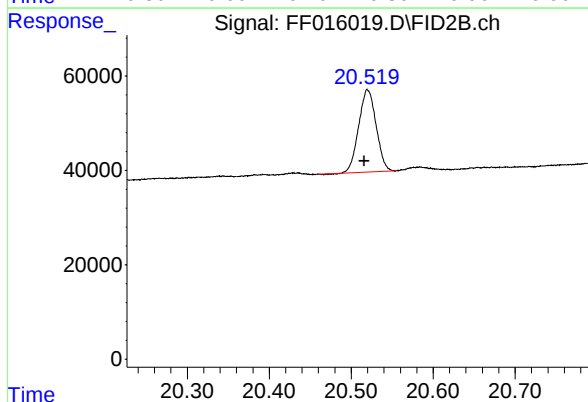
#19 n-Tetratriacontane (C34)

R.T.: 19.779 min
Delta R.T.: 0.003 min
Response: 302250
Conc: 2.87 ug/ml

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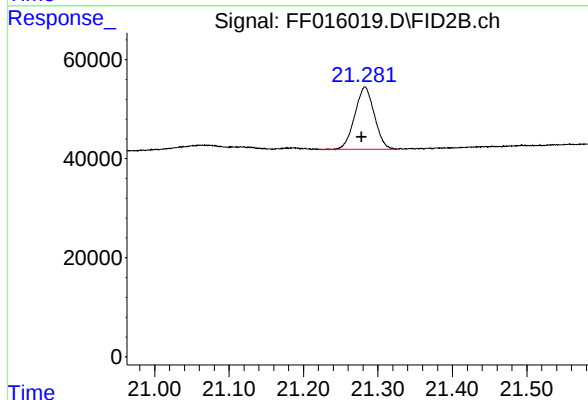
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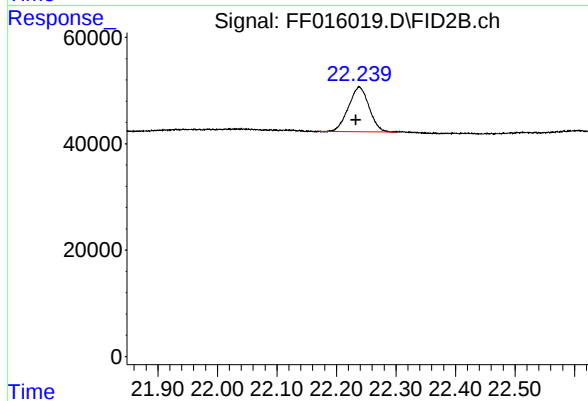
#20 n-Hexatriacontane (C36)

R.T.: 20.520 min
Delta R.T.: 0.004 min
Response: 257805
Conc: 2.86 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.283 min
Delta R.T.: 0.004 min
Response: 228437
Conc: 2.83 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.238 min
Delta R.T.: 0.006 min
Response: 202216
Conc: 2.73 ug/ml