

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD041023AL\
 Data File : FD045464.D
 Signal(s) : FID2B.ch
 Acq On : 10 Apr 2023 23:54
 Operator : YP/AJ
 Sample : 02213-09
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-03-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/11/2023
 Supervised By :Ankita Jodhani 04/11/2023

Integration File: autoint1.e
 Quant Time: Apr 11 03:33:42 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 040523.M
 Quant Title : GC Extractables
 QLast Update : Wed Apr 05 05:57:21 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...	12.873	4274064	35.785 ug/ml
Spiked Amount 50.000		Recovery =	71.57%
Target Compounds			
1) T n-Nonane (C9)	3.257	183265	1.203 ug/ml
2) T n-Decane (C10)	4.314	231053	1.531 ug/ml
4) T n-Dodecane (C12)	6.319	300578	1.970 ug/ml
6) T n-Tetradecane (C14)	8.103	268553	1.755 ug/ml
7) T n-Hexadecane (C16)	9.695	278077	1.786 ug/ml
8) T n-Octadecane (C18)	11.131	451020	2.880 ug/ml
10) T n-Eicosane (C20)	12.430	348165	2.348 ug/ml
11) T n-Heneicosane (C21)	13.038	293640	1.995 ug/ml
13) T n-Docosane (C22)	13.621	303242	2.101 ug/ml
14) T n-Tetracosane (C24)	14.717	366253	2.624 ug/mlm
15) T n-Hexacosane (C26)	15.730	274380	2.042 ug/mlm
16) T n-Octacosane (C28)	16.674	253957	1.931 ug/ml
17) T n-Tricontane (C30)	17.555	249591	1.915 ug/ml
18) T n-Dotriacontane (C32)	18.381	253916	1.951 ug/ml
19) T n-Tetratriacontane (C34)	19.159	216790	1.735 ug/ml
20) T n-Hexatriacontane (C36)	19.893	177218	1.545 ug/ml
21) T n-Octatriacontane (C38)	20.597	169388	1.544 ug/ml
22) T n-Tetracontane (C40)	21.427	174307	1.625 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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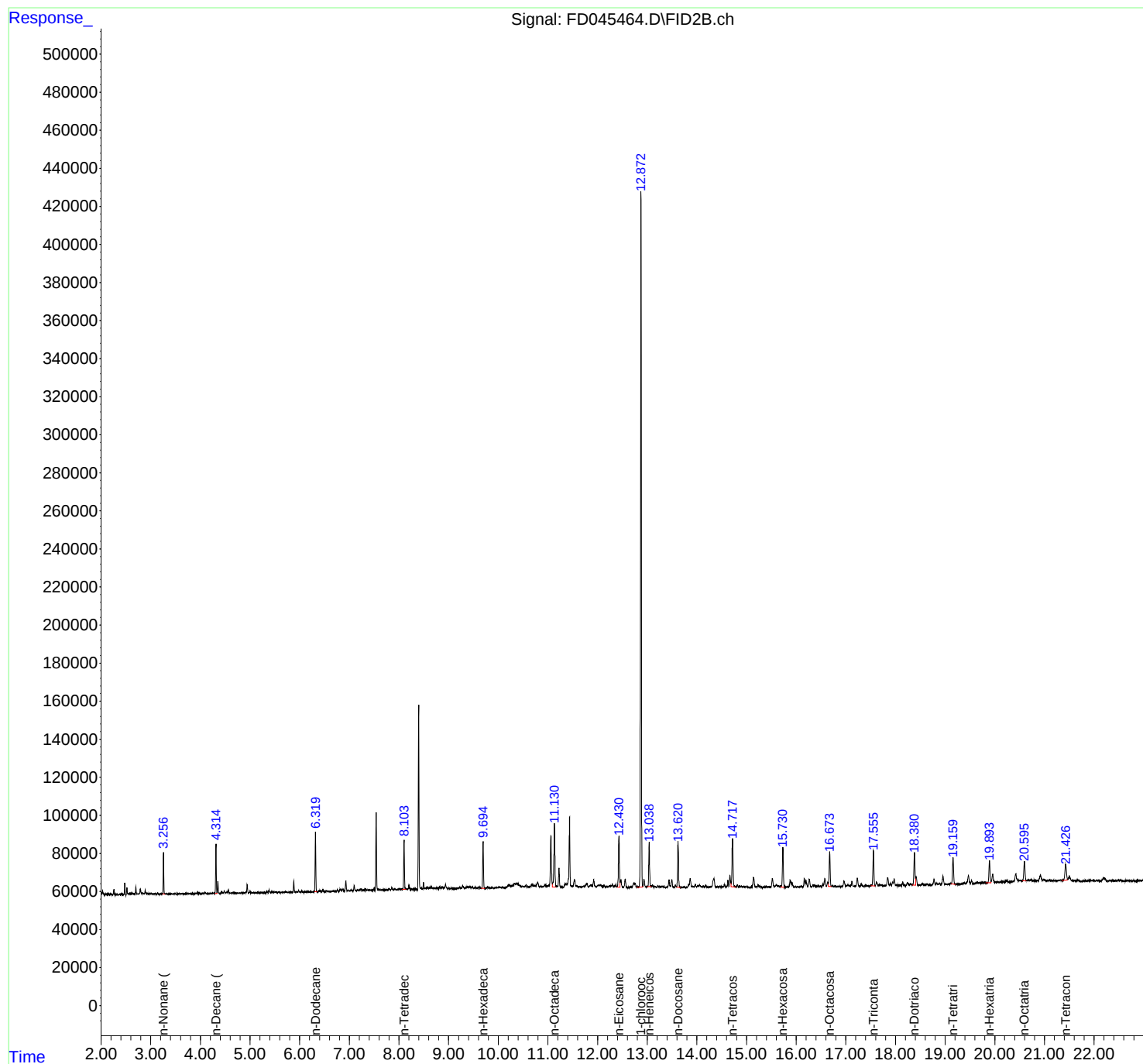
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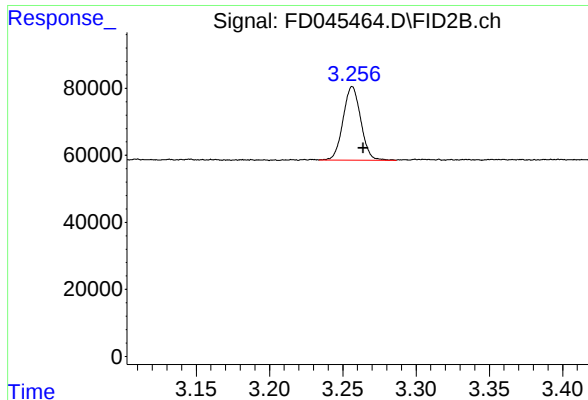
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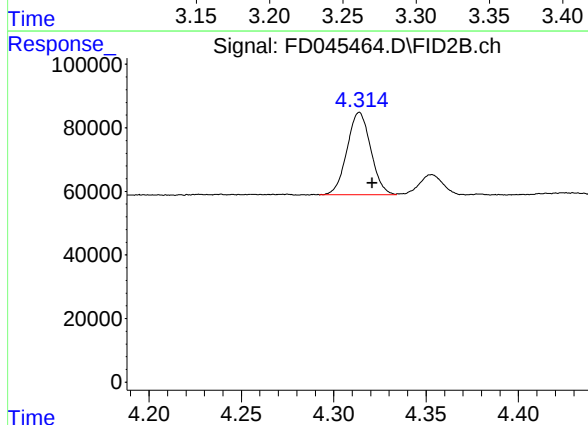
#1 n-Nonane (C9)

R.T.: 3.257 min
Delta R.T.: -0.007 min
Response: 183265
Conc: 1.20 ug/ml

Instrument :
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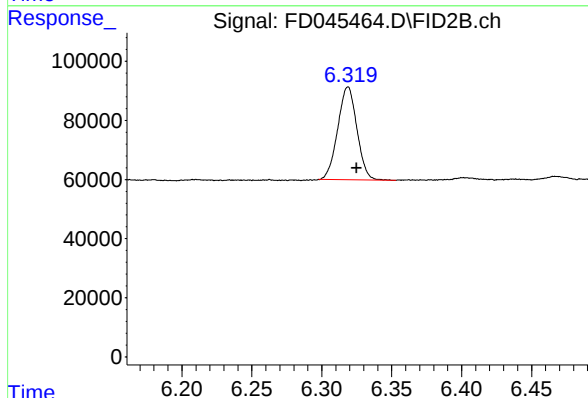
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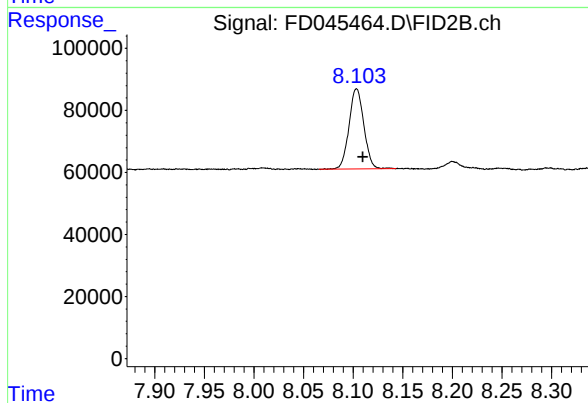
#2 n-Decane (C10)

R.T.: 4.314 min
Delta R.T.: -0.007 min
Response: 231053
Conc: 1.53 ug/ml



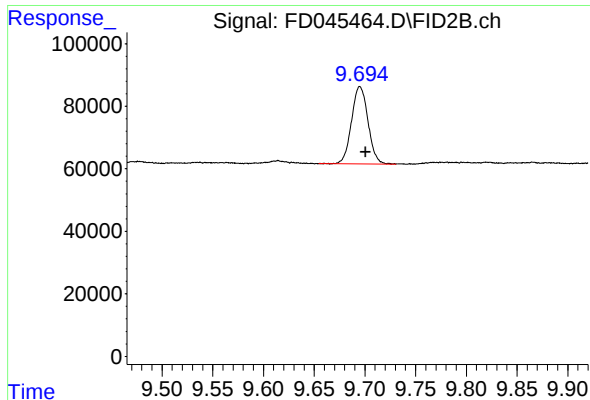
#4 n-Dodecane (C12)

R.T.: 6.319 min
Delta R.T.: -0.006 min
Response: 300578
Conc: 1.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.103 min
Delta R.T.: -0.006 min
Response: 268553
Conc: 1.75 ug/ml



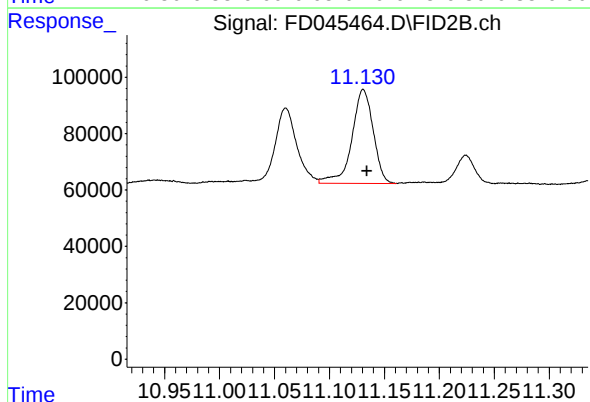
#7 n-Hexadecane (C16)

R.T.: 9.695 min
Delta R.T.: -0.006 min
Response: 278077
Conc: 1.79 ug/ml

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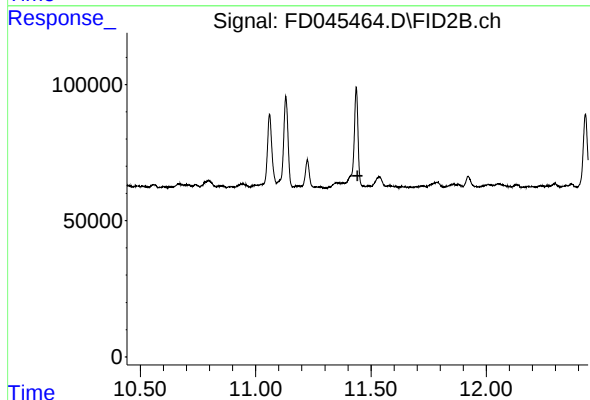
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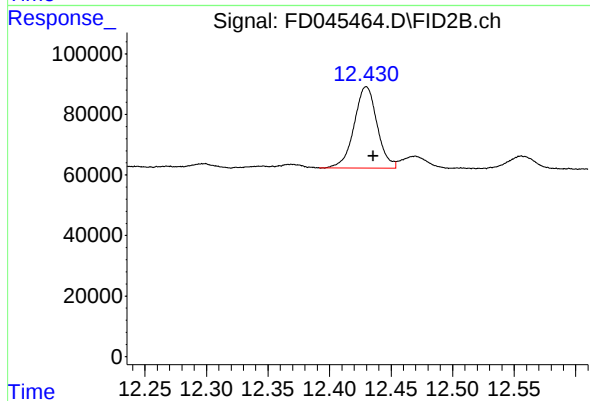
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.004 min
Response: 451020
Conc: 2.88 ug/ml



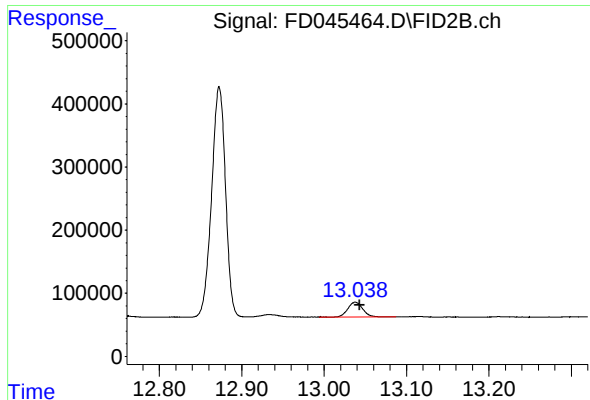
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.442 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.430 min
Delta R.T.: -0.006 min
Response: 348165
Conc: 2.35 ug/ml



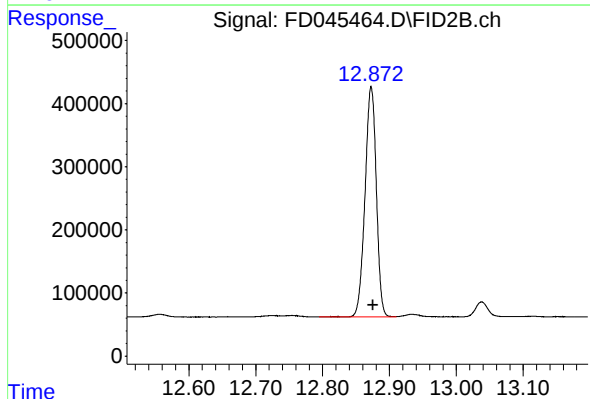
#11 n-Heneicosane (C21)

R.T.: 13.038 min
Delta R.T.: -0.005 min
Response: 293640
Conc: 2.00 ug/ml

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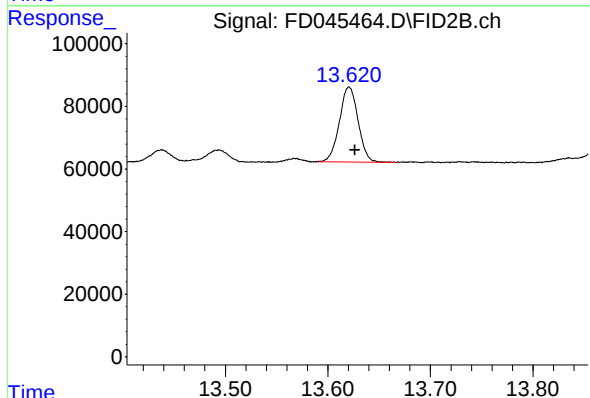
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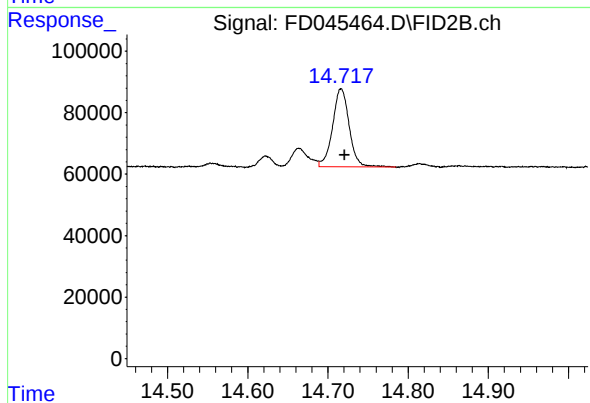
#12 1-chlorooctadecane (SURR)

R.T.: 12.873 min
Delta R.T.: -0.002 min
Response: 4274064
Conc: 35.78 ug/ml



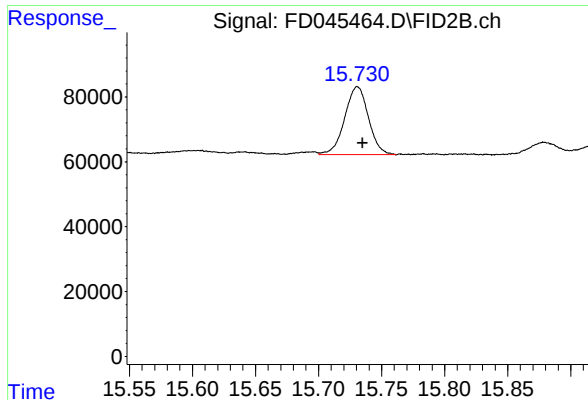
#13 n-Docosane (C22)

R.T.: 13.621 min
Delta R.T.: -0.006 min
Response: 303242
Conc: 2.10 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: -0.004 min
Response: 366253
Conc: 2.62 ug/ml m



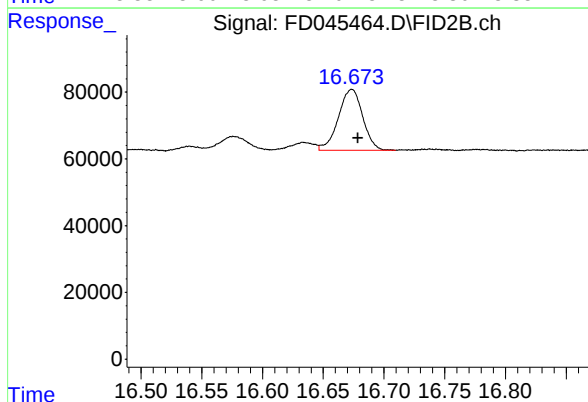
#15 n-Hexacosane (C26)

R.T.: 15.730 min
Delta R.T.: -0.005 min
Response: 274380
Conc: 2.04 ug/ml

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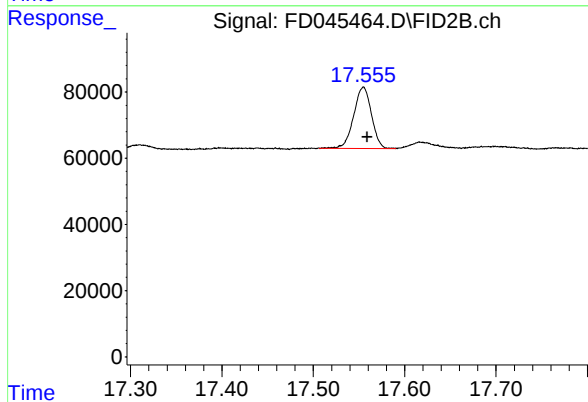
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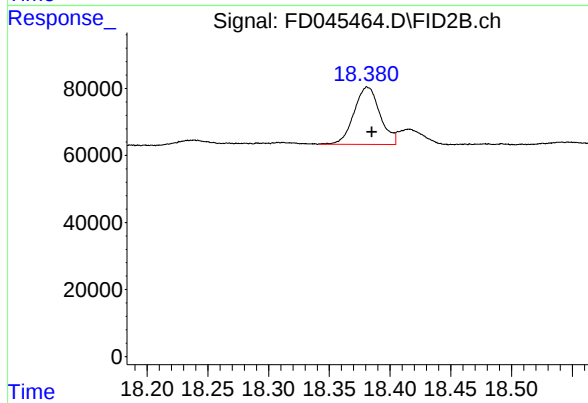
#16 n-Octacosane (C28)

R.T.: 16.674 min
Delta R.T.: -0.005 min
Response: 253957
Conc: 1.93 ug/ml



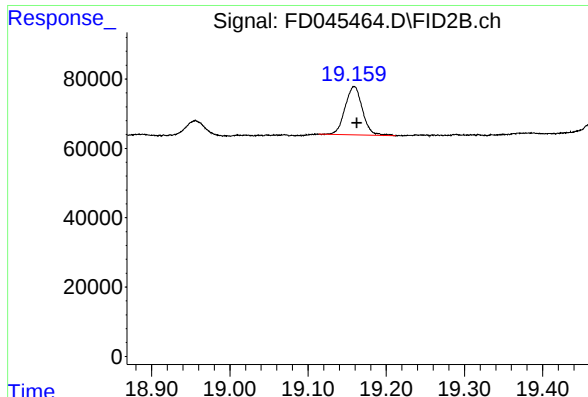
#17 n-Tricontane (C30)

R.T.: 17.555 min
Delta R.T.: -0.004 min
Response: 249591
Conc: 1.92 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.381 min
Delta R.T.: -0.004 min
Response: 253916
Conc: 1.95 ug/ml



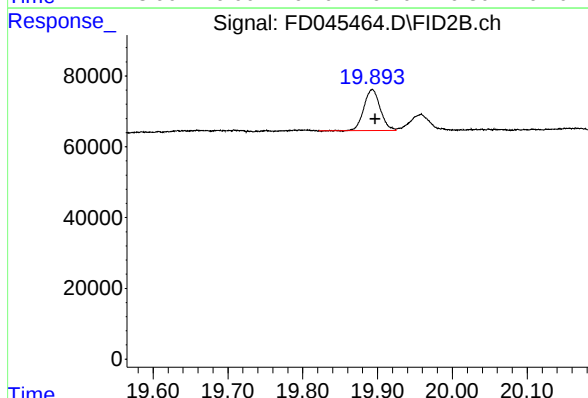
#19 n-Tetratriacontane (C34)

R.T.: 19.159 min
Delta R.T.: -0.003 min
Response: 216790
Conc: 1.74 ug/ml

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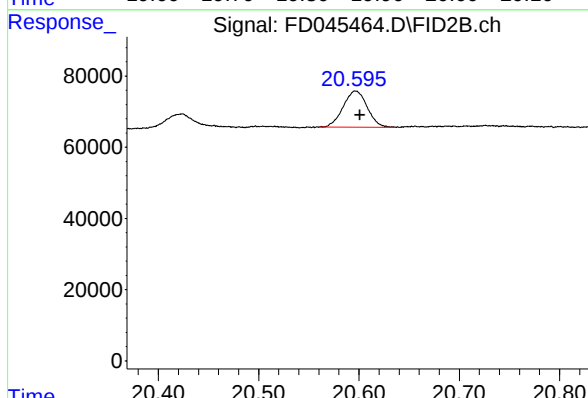
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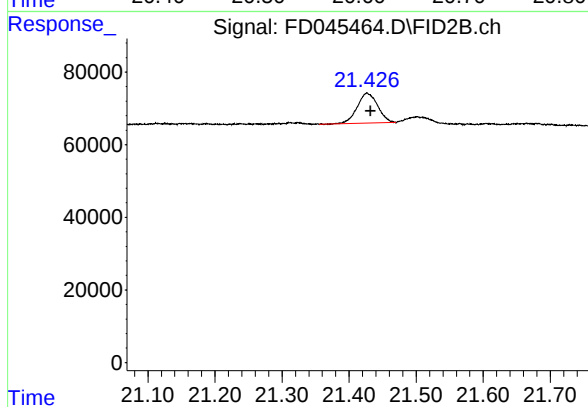
#20 n-Hexatriacontane (C36)

R.T.: 19.893 min
Delta R.T.: -0.004 min
Response: 177218
Conc: 1.54 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.597 min
Delta R.T.: -0.005 min
Response: 169388
Conc: 1.54 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: -0.005 min
Response: 174307
Conc: 1.62 ug/ml