

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_F\Data\FF081023AL\
 Data File : FF013184.D
 Signal(s) : FID2B.ch
 Acq On : 10 Aug 2023 18:10
 Operator : YP\AJ
 Sample : 03572-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_F
 ClientSampleId :
 LOD-MDL-WATER-01-QT3-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/11/2023
 Supervised By :Ankita Jodhani 08/11/2023

Integration File: autoint1.e
 Quant Time: Aug 10 22:58:46 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_F\Method\Aliphatic EPH 081023.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 10 16:05:52 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...	13.333	4888834	46.652 ug/ml
Spiked Amount 50.000		Recovery =	93.30%
Target Compounds			
1) T n-Nonane (C9)	3.285	269263	2.520 ug/ml
2) T n-Decane (C10)	4.538	263146	2.456 ug/ml
4) T n-Dodecane (C12)	6.702	272818	2.521 ug/ml
6) T n-Tetradecane (C14)	8.527	278041	2.576 ug/ml
7) T n-Hexadecane (C16)	10.134	277149	2.557 ug/ml
8) T n-Octadecane (C18)	11.576	293109	2.677 ug/ml
10) T n-Eicosane (C20)	12.886	283705	2.585 ug/ml
11) T n-Heneicosane (C21)	13.498	283209	2.578 ug/ml
13) T n-Docosane (C22)	14.084	281061	2.560 ug/ml
14) T n-Tetracosane (C24)	15.186	281420	2.561 ug/ml
15) T n-Hexacosane (C26)	16.207	282623	2.586 ug/ml
16) T n-Octacosane (C28)	17.155	282689	2.618 ug/ml
17) T n-Tricontane (C30)	18.042	291313	2.664 ug/ml
18) T n-Dotriacontane (C32)	18.874	305596	2.705 ug/ml
19) T n-Tetratriacontane (C34)	19.656	280306	2.639 ug/ml
20) T n-Hexatriacontane (C36)	20.394	270838	2.570 ug/mlm
21) T n-Octatriacontane (C38)	21.123	249547	2.471 ug/ml
22) T n-Tetracontane (C40)	22.021	256341	2.579 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : 03572-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

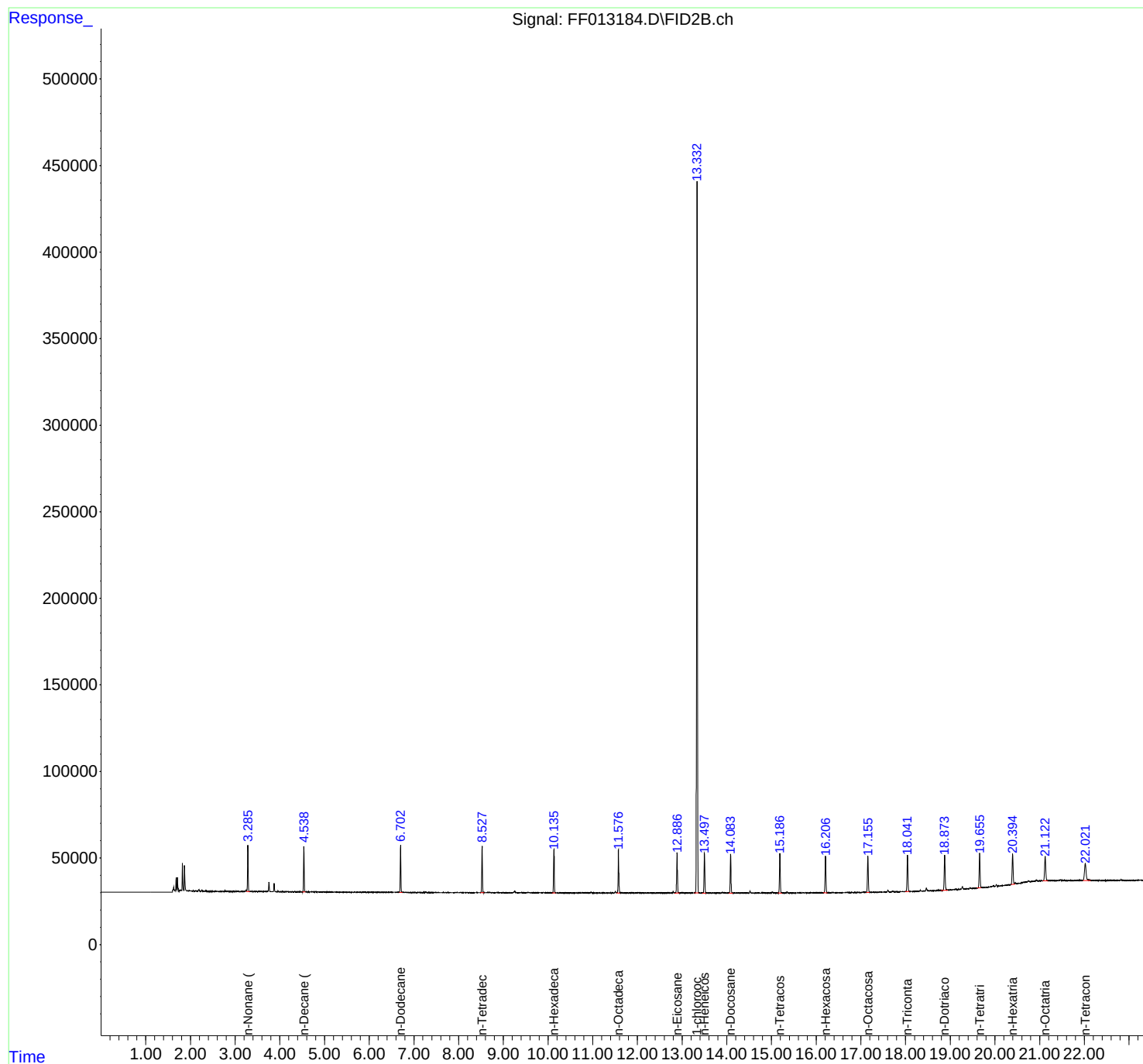
Instrument :
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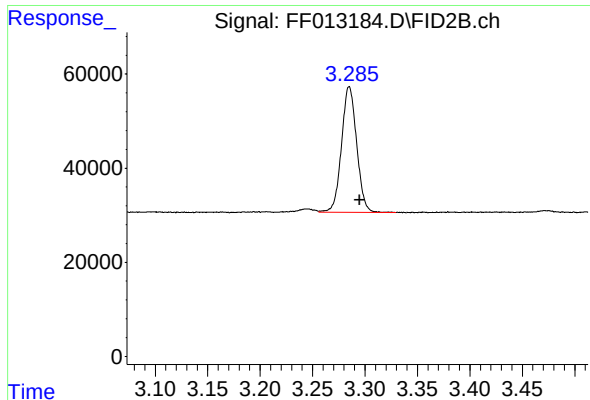
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Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.285 min
Delta R.T.: -0.010 min
Response: 269263
Conc: 2.52 ug/ml

Instrument :

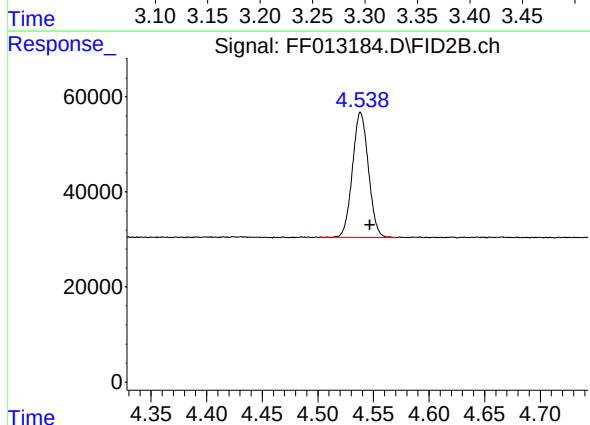
FID_F

ClientSampleId :

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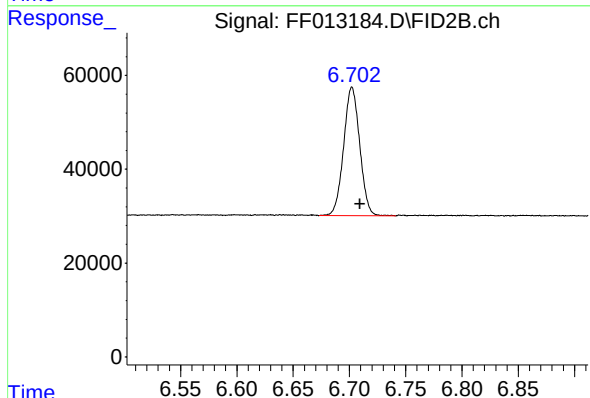
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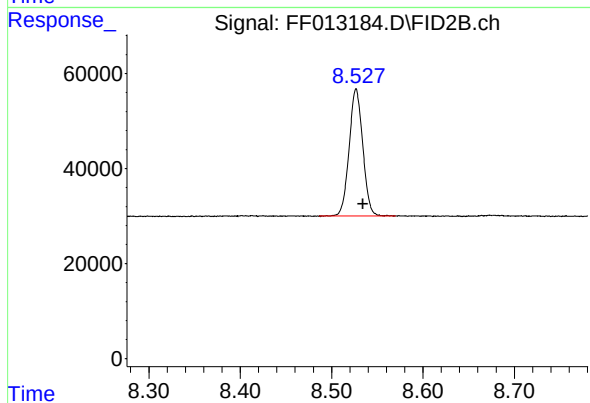
#2 n-Decane (C10)

R.T.: 4.538 min
Delta R.T.: -0.008 min
Response: 263146
Conc: 2.46 ug/ml



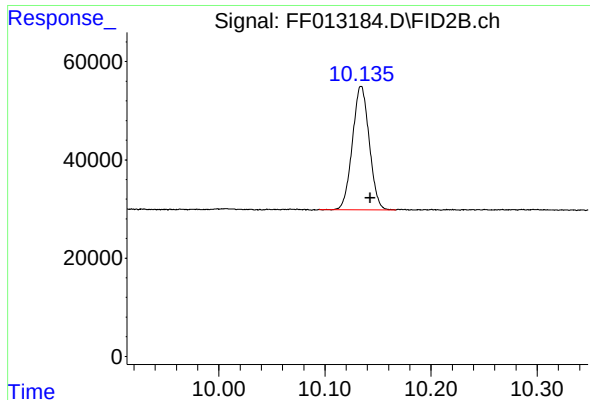
#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 272818
Conc: 2.52 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.527 min
Delta R.T.: -0.007 min
Response: 278041
Conc: 2.58 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.134 min
Delta R.T.: -0.008 min
Response: 277149
Conc: 2.56 ug/ml

Instrument :

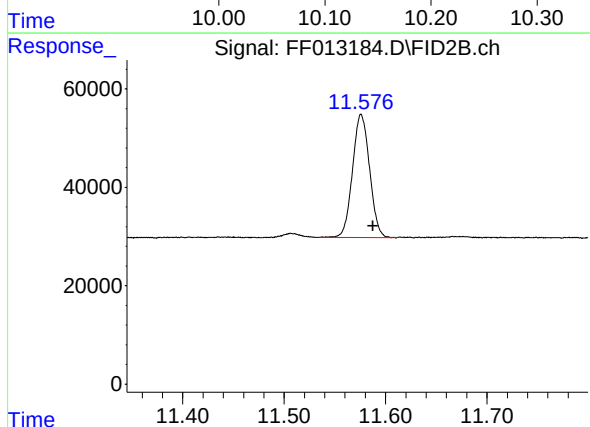
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ClientSampleId :

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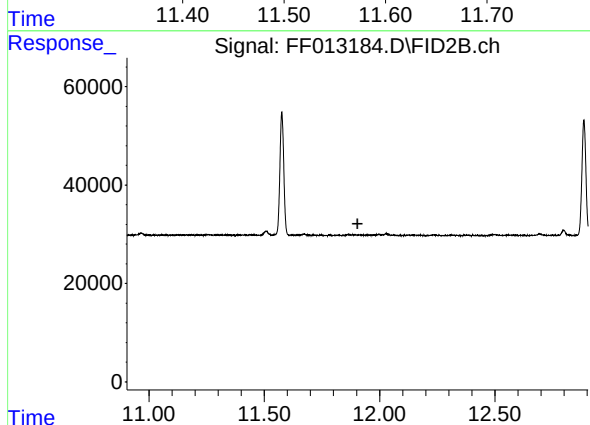
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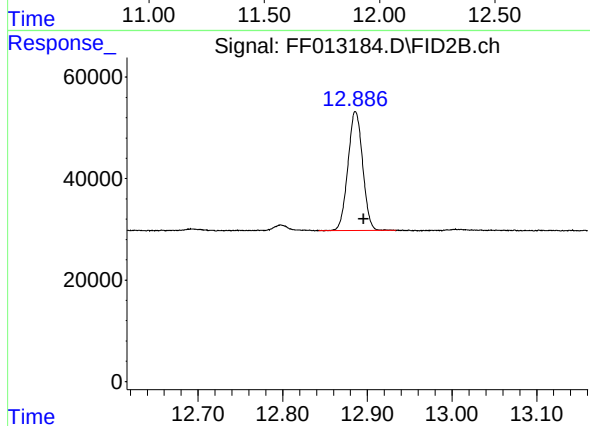
#8 n-Octadecane (C18)

R.T.: 11.576 min
Delta R.T.: -0.012 min
Response: 293109
Conc: 2.68 ug/ml



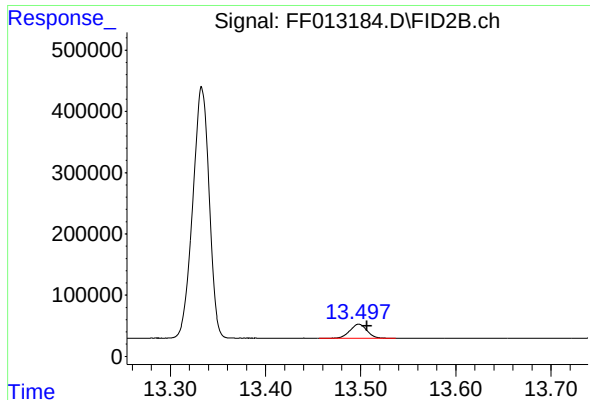
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.904 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.886 min
Delta R.T.: -0.009 min
Response: 283705
Conc: 2.59 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.498 min
Delta R.T.: -0.009 min
Response: 283209
Conc: 2.58 ug/ml

Instrument :

FID_F

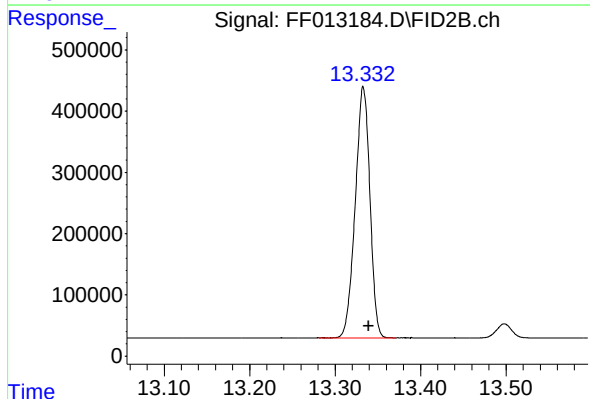
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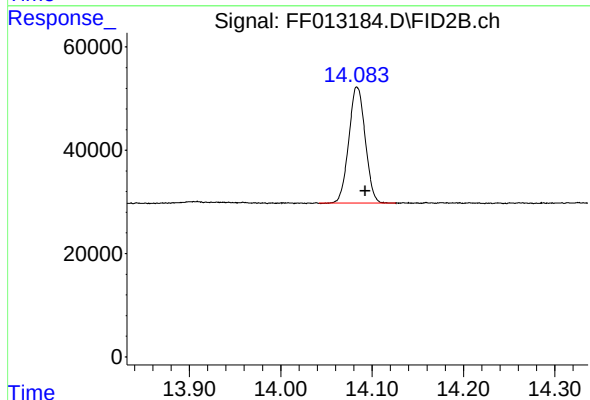
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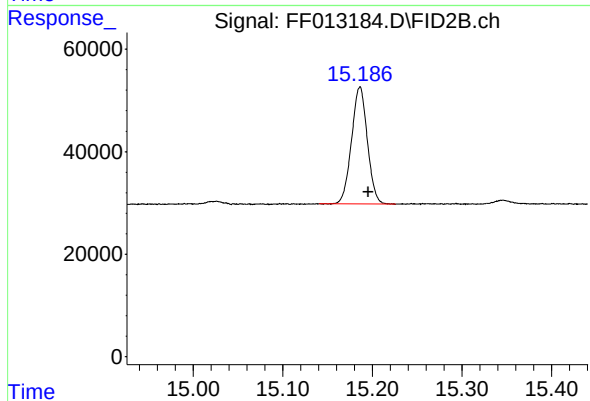
#12 1-chlorooctadecane (SURR)

R.T.: 13.333 min
Delta R.T.: -0.006 min
Response: 4888834
Conc: 46.65 ug/ml



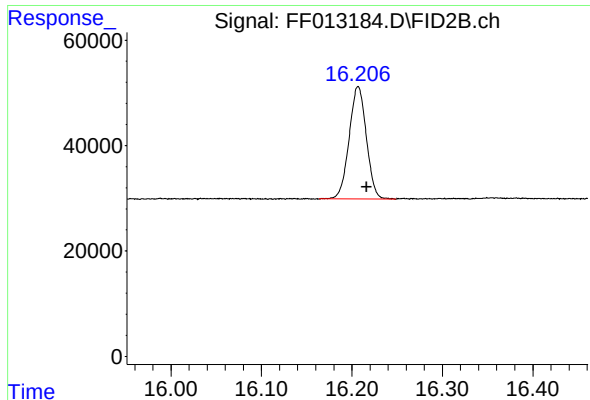
#13 n-Docosane (C22)

R.T.: 14.084 min
Delta R.T.: -0.009 min
Response: 281061
Conc: 2.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.186 min
Delta R.T.: -0.010 min
Response: 281420
Conc: 2.56 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.207 min
Delta R.T.: -0.010 min
Response: 282623
Conc: 2.59 ug/ml

Instrument :

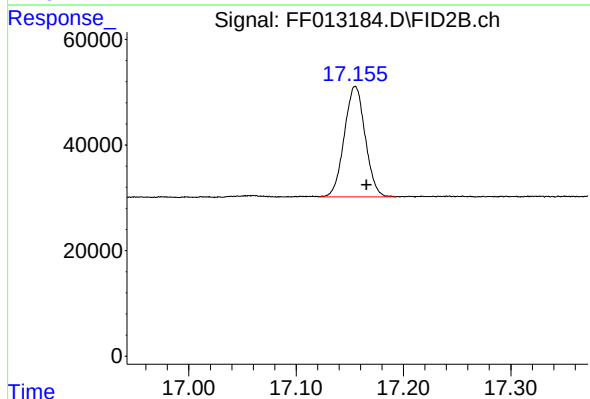
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ClientSampleId :

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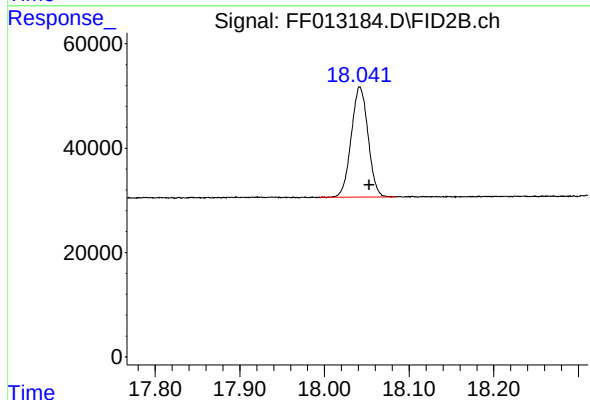
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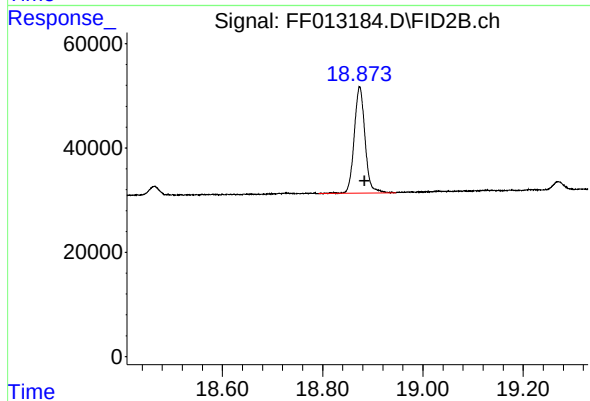
#16 n-Octacosane (C28)

R.T.: 17.155 min
Delta R.T.: -0.011 min
Response: 282689
Conc: 2.62 ug/ml



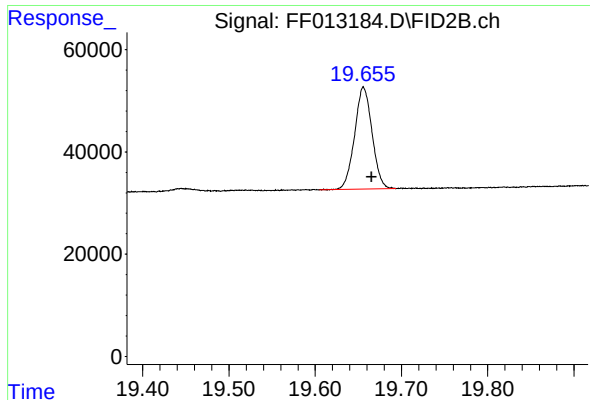
#17 n-Tricontane (C30)

R.T.: 18.042 min
Delta R.T.: -0.011 min
Response: 291313
Conc: 2.66 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.874 min
Delta R.T.: -0.010 min
Response: 305596
Conc: 2.71 ug/ml



#19 n-Tetratriacontane (C34)

R.T.: 19.656 min
Delta R.T.: -0.010 min
Response: 280306
Conc: 2.64 ug/ml

Instrument :

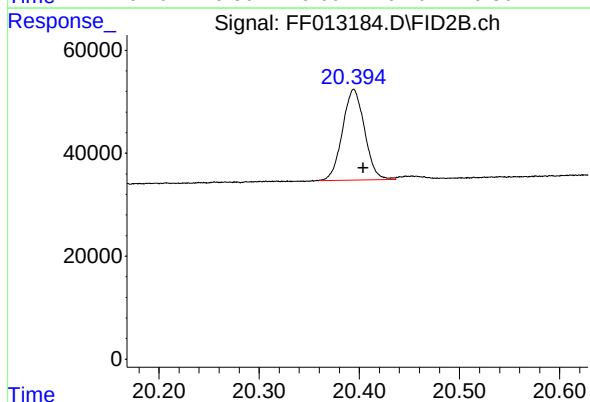
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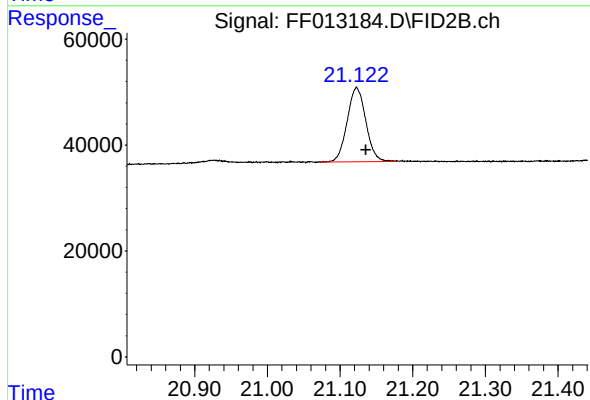
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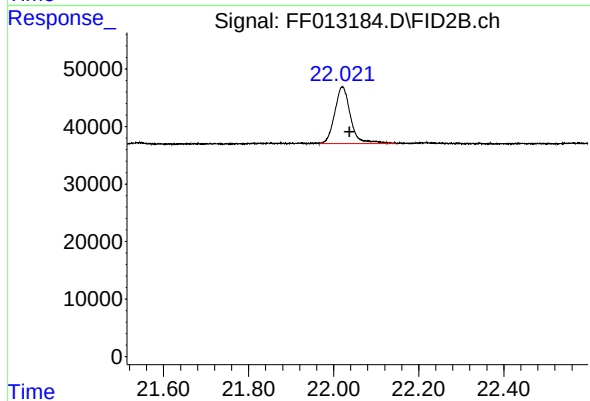
#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: -0.010 min
Response: 270838
Conc: 2.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.123 min
Delta R.T.: -0.013 min
Response: 249547
Conc: 2.47 ug/ml



#22 n-Tetracontane (C40)

R.T.: 22.021 min
Delta R.T.: -0.017 min
Response: 256341
Conc: 2.58 ug/ml m