

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD102022AL\
 Data File : FD044183.D
 Signal(s) : FID2B.ch
 Acq On : 20 Oct 2022 11:25
 Operator : YP/AJ
 Sample : N4955-03
 Misc :
 ALS Vial : 58 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT4-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/21/2022
 Supervised By :Ankita Jodhani 10/21/2022

Integration File: sample.E
 Quant Time: Oct 20 14:38:05 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...	12.719	6350194	50.493 ug/ml
Spiked Amount 50.000		Recovery =	100.99%
Target Compounds			
1) T n-Nonane (C9)	3.140	153843	1.139 ug/mlm
2) T n-Decane (C10)	4.186	189293	1.409 ug/mlm
4) T n-Dodecane (C12)	6.181	259514	1.868 ug/ml
6) T n-Tetradecane (C14)	7.961	305084	2.191 ug/ml
7) T n-Hexadecane (C16)	9.548	280122	1.986 ug/ml
8) T n-Octadecane (C18)	10.976	295472	2.032 ug/ml
10) T n-Eicosane (C20)	12.275	297876	2.009 ug/ml
11) T n-Heneicosane (C21)	12.880	301468	2.009 ug/ml
13) T n-Docosane (C22)	13.462	302012	2.009 ug/ml
14) T n-Tetracosane (C24)	14.553	299057	1.981 ug/ml
15) T n-Hexacosane (C26)	15.564	286039	1.889 ug/ml
16) T n-Octacosane (C28)	16.504	272248	1.807 ug/ml
17) T n-Tricontane (C30)	17.383	285665	1.864 ug/ml
18) T n-Dotriacontane (C32)	18.206	275873	1.799 ug/ml
19) T n-Tetratriacontane (C34)	18.980	258277	1.754 ug/ml
20) T n-Hexatriacontane (C36)	19.711	240094	1.638 ug/ml
21) T n-Octatriacontane (C38)	20.403	227943	1.634 ug/ml
22) T n-Tetracontane (C40)	21.163	208452	1.603 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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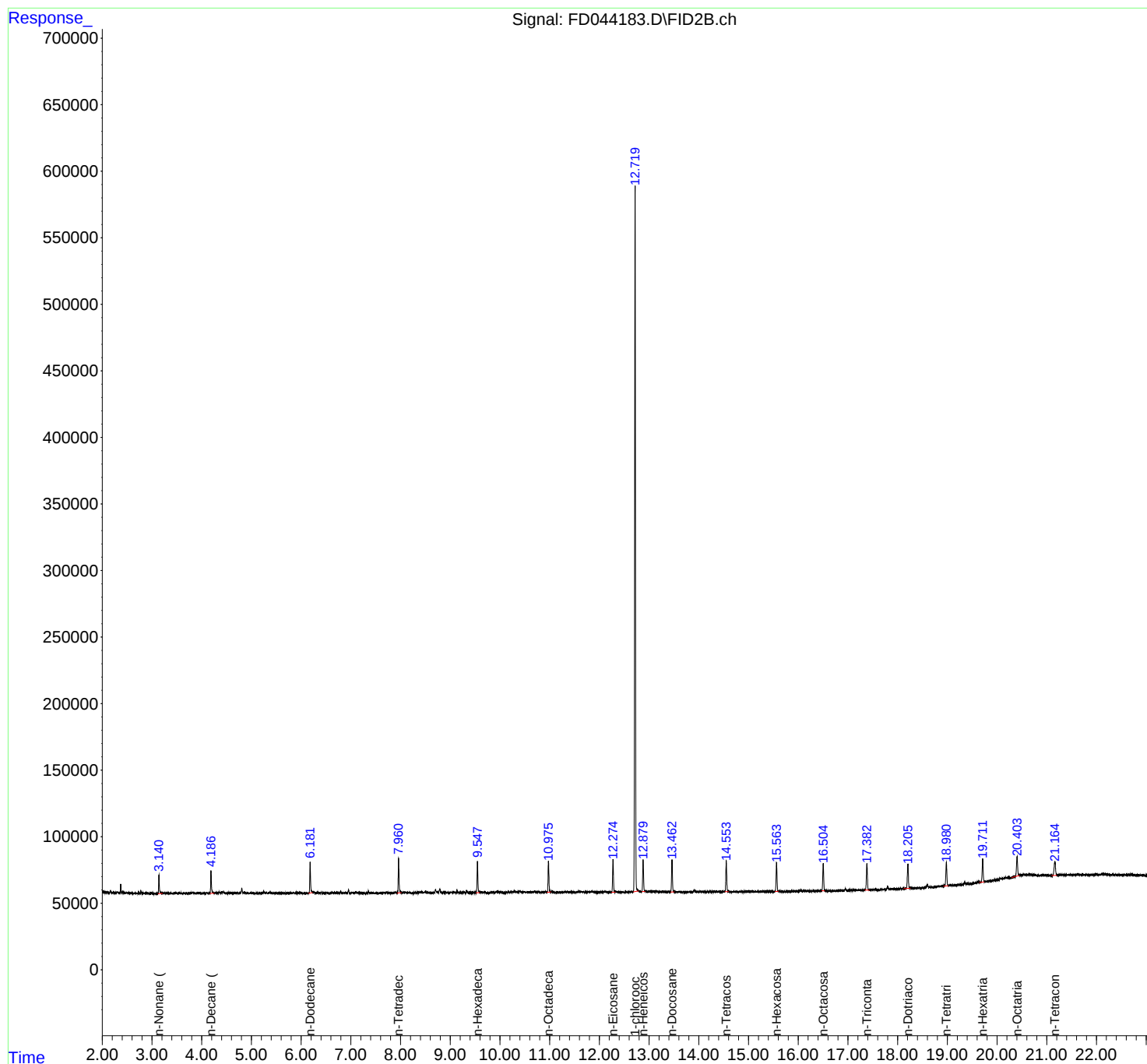
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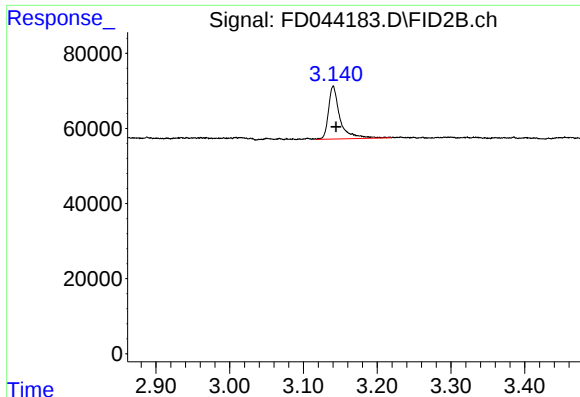
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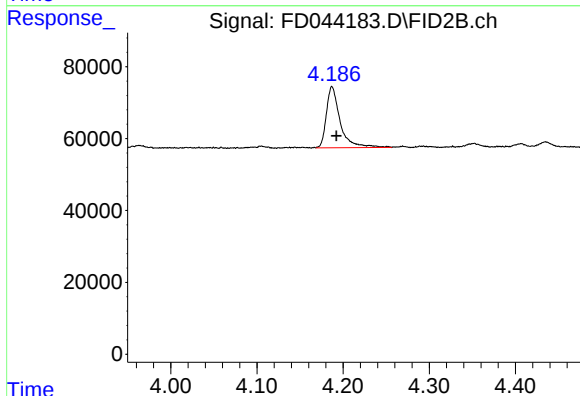
#1 n-Nonane (C9)

R.T.: 3.140 min
Delta R.T.: -0.004 min
Response: 153843
Conc: 1.14 ug/ml

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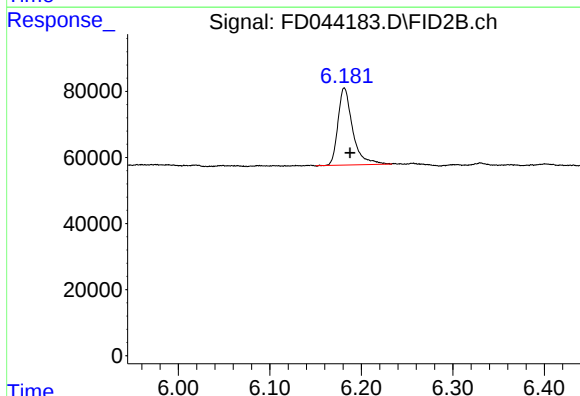
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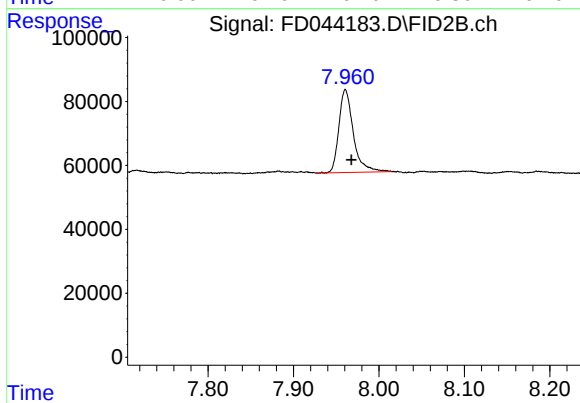
#2 n-Decane (C10)

R.T.: 4.186 min
Delta R.T.: -0.006 min
Response: 189293
Conc: 1.41 ug/ml m



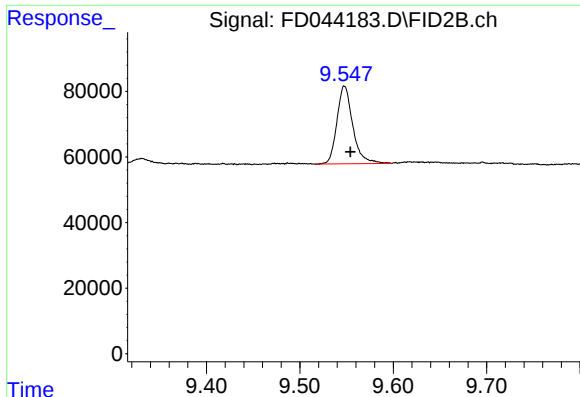
#4 n-Dodecane (C12)

R.T.: 6.181 min
Delta R.T.: -0.006 min
Response: 259514
Conc: 1.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.961 min
Delta R.T.: -0.007 min
Response: 305084
Conc: 2.19 ug/ml



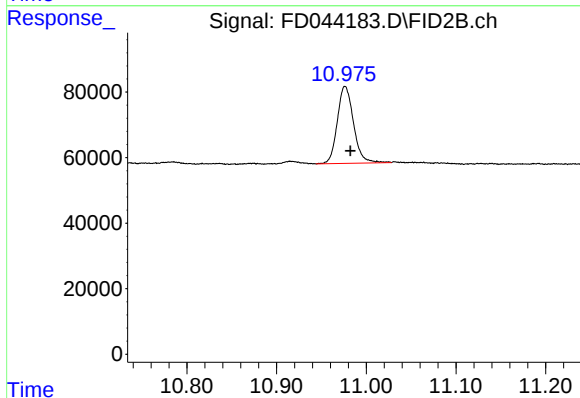
#7 n-Hexadecane (C16)

R.T.: 9.548 min
Delta R.T.: -0.006 min
Response: 280122
Conc: 1.99 ug/ml

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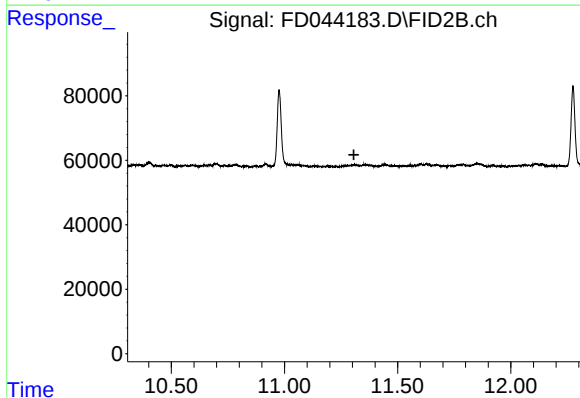
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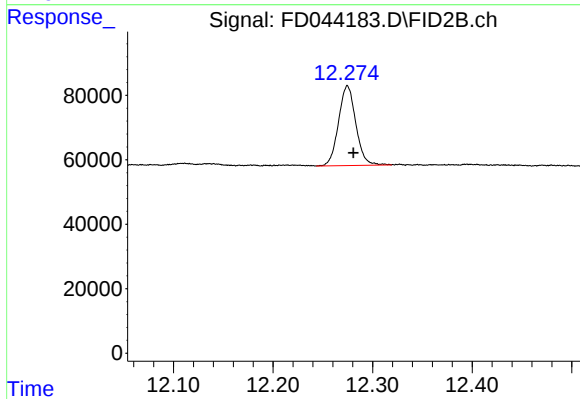
#8 n-Octadecane (C18)

R.T.: 10.976 min
Delta R.T.: -0.006 min
Response: 295472
Conc: 2.03 ug/ml



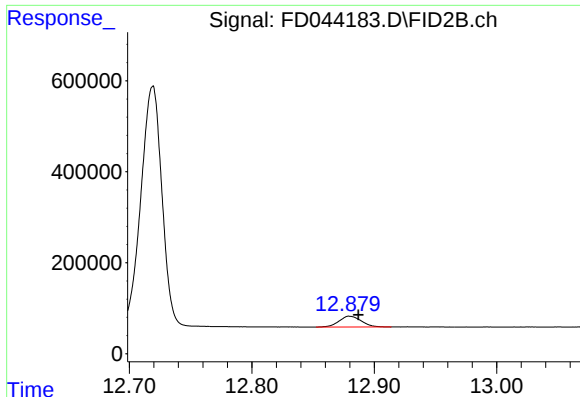
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.275 min
Delta R.T.: -0.006 min
Response: 297876
Conc: 2.01 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.880 min
Delta R.T.: -0.007 min
Response: 301468
Conc: 2.01 ug/ml

Instrument :

FID_D

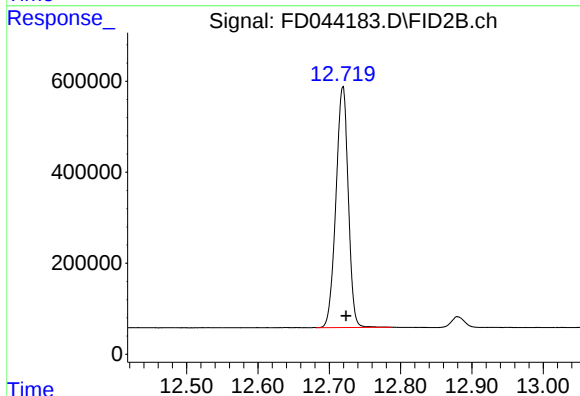
ClientSampleId :

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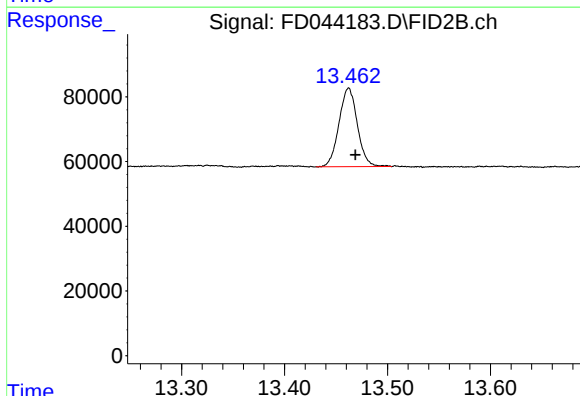
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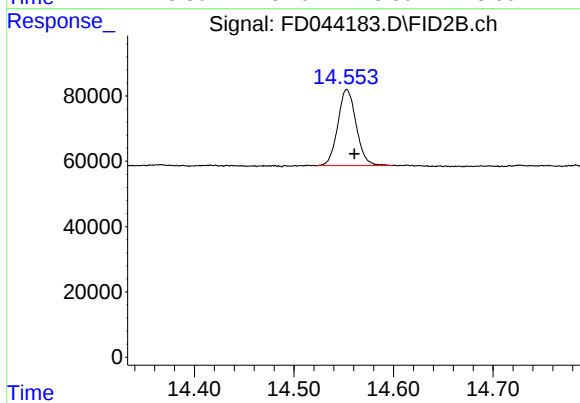
#12 1-chlorooctadecane (SURR)

R.T.: 12.719 min
Delta R.T.: -0.005 min
Response: 6350194
Conc: 50.49 ug/ml



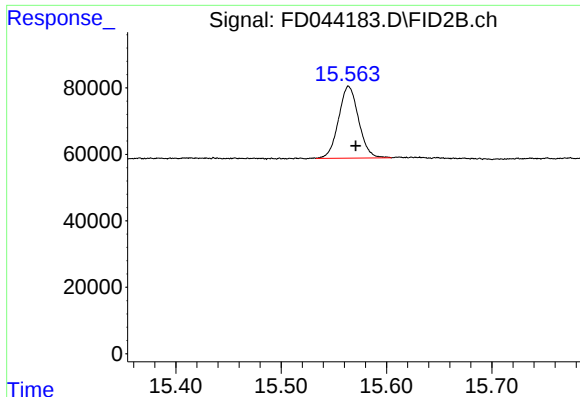
#13 n-Docosane (C22)

R.T.: 13.462 min
Delta R.T.: -0.006 min
Response: 302012
Conc: 2.01 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.553 min
Delta R.T.: -0.008 min
Response: 299057
Conc: 1.98 ug/ml



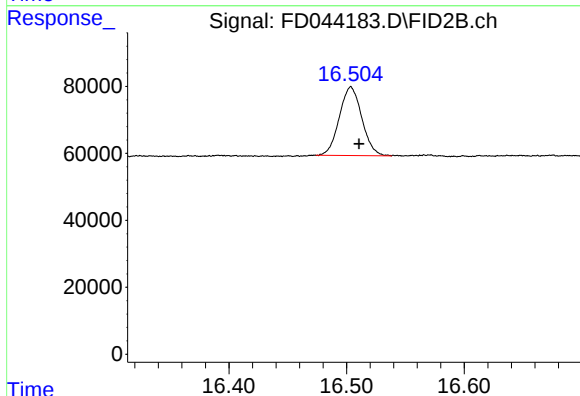
#15 n-Hexacosane (C26)

R.T.: 15.564 min
Delta R.T.: -0.007 min
Response: 286039
Conc: 1.89 ug/ml

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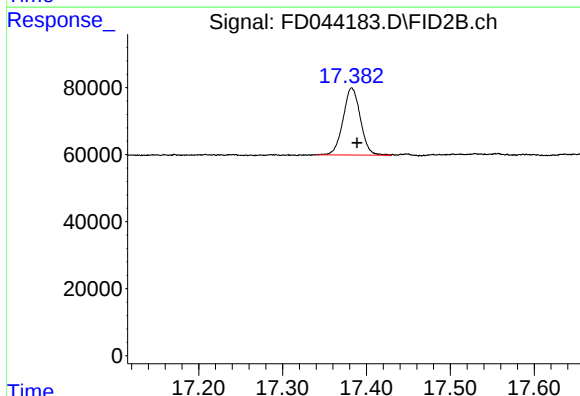
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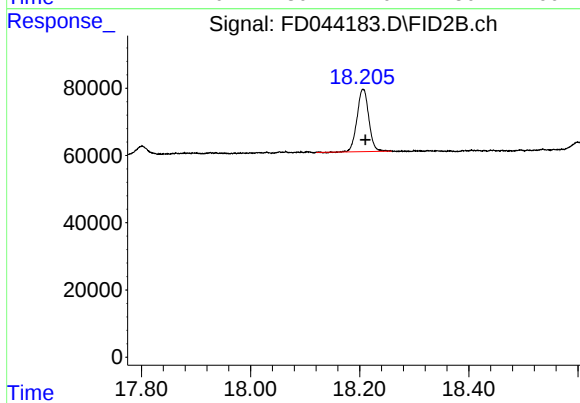
#16 n-Octacosane (C28)

R.T.: 16.504 min
Delta R.T.: -0.007 min
Response: 272248
Conc: 1.81 ug/ml



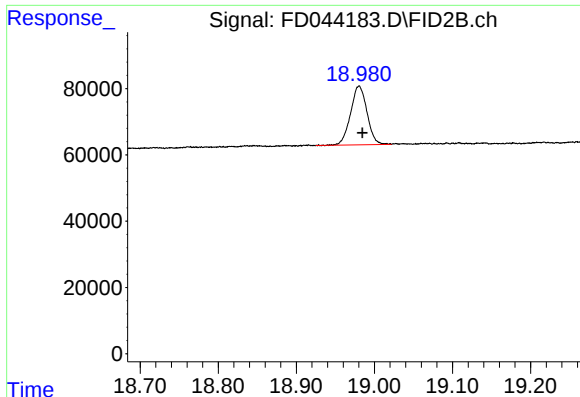
#17 n-Tricontane (C30)

R.T.: 17.383 min
Delta R.T.: -0.006 min
Response: 285665
Conc: 1.86 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.206 min
Delta R.T.: -0.004 min
Response: 275873
Conc: 1.80 ug/ml



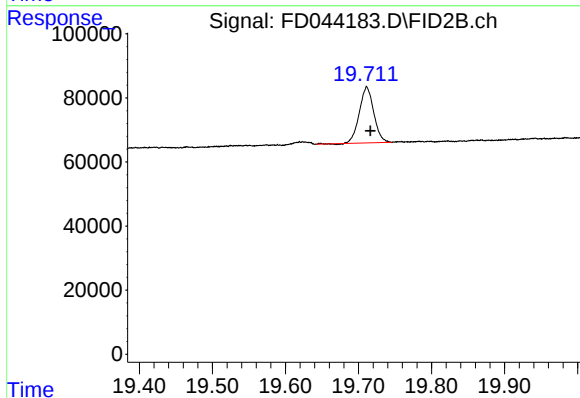
#19 n-Tetratriacontane (C34)

R.T.: 18.980 min
Delta R.T.: -0.005 min
Response: 258277
Conc: 1.75 ug/ml

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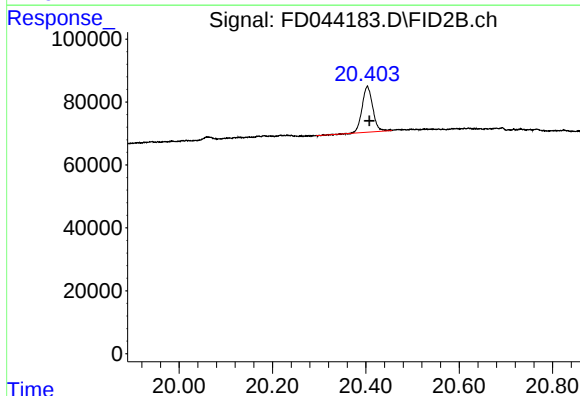
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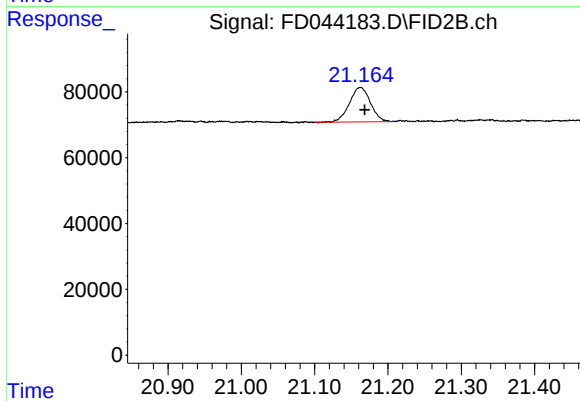
#20 n-Hexatriacontane (C36)

R.T.: 19.711 min
Delta R.T.: -0.005 min
Response: 240094
Conc: 1.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.403 min
Delta R.T.: -0.004 min
Response: 227943
Conc: 1.63 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.163 min
Delta R.T.: -0.006 min
Response: 208452
Conc: 1.60 ug/ml