

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090822AL\
 Data File : FD043838.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 18:20
 Operator : YP/AJ
 Sample : N3980-03
 Misc :
 ALS Vial : 59 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-SOIL-03-QT3-2022

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/09/2022
 Supervised By :Ankita Jodhani 09/09/2022

Integration File: autoint1.e
 Quant Time: Sep 09 09:10:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 090722.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 07 17:10:44 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...	12.739	4206734	31.616 ug/ml
Spiked Amount 50.000		Recovery =	63.23%
Target Compounds			
1) T n-Nonane (C9)	3.154	168933	1.173 ug/mlm
2) T n-Decane (C10)	4.205	215157	1.484 ug/mlm
4) T n-Dodecane (C12)	6.202	295841	1.978 ug/ml
6) T n-Tetradecane (C14)	7.983	285712	1.893 ug/ml
7) T n-Hexadecane (C16)	9.570	284334	1.859 ug/ml
8) T n-Octadecane (C18)	10.999	329892	2.092 ug/ml
10) T n-Eicosane (C20)	12.297	362849	2.268 ug/ml
11) T n-Heneicosane (C21)	12.903	371521	2.303 ug/ml
13) T n-Docosane (C22)	13.484	378877	2.356 ug/ml
14) T n-Tetracosane (C24)	14.575	381893	2.410 ug/ml
15) T n-Hexacosane (C26)	15.586	378384	2.429 ug/ml
16) T n-Octacosane (C28)	16.526	386916	2.555 ug/ml
17) T n-Tricontane (C30)	17.404	428530	2.876 ug/ml
18) T n-Dotriacontane (C32)	18.227	429415	3.008 ug/ml
19) T n-Tetratriacontane (C34)	19.002	381086	2.916 ug/ml
20) T n-Hexatriacontane (C36)	19.733	325058	2.626 ug/ml
21) T n-Octatriacontane (C38)	20.425	291195	2.493 ug/ml
22) T n-Tetracontane (C40)	21.189	263387	2.383 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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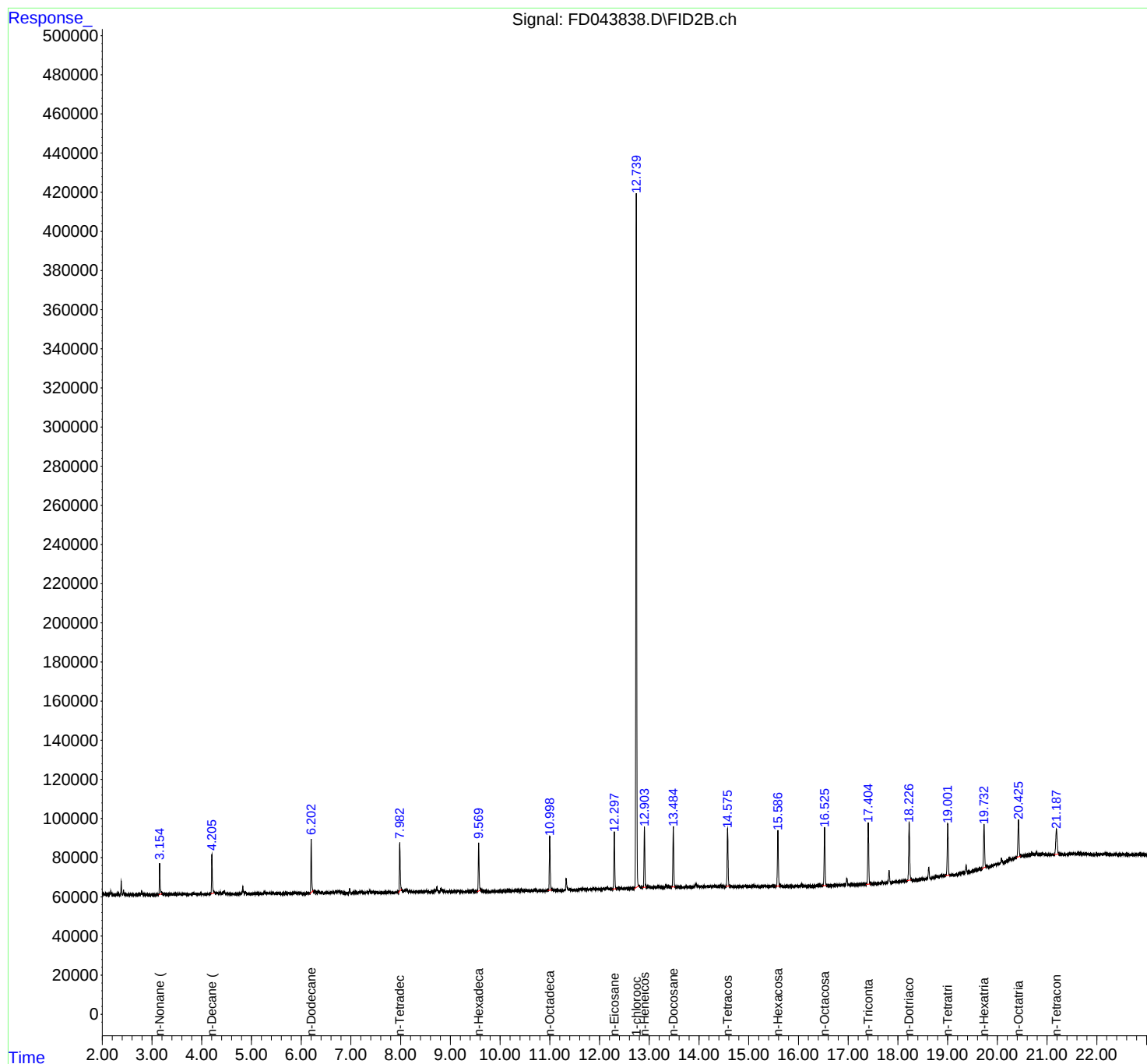
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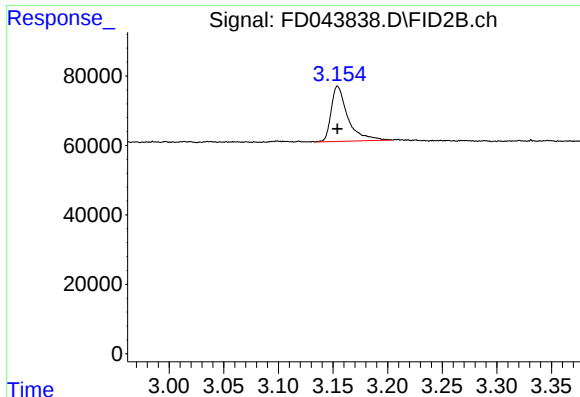
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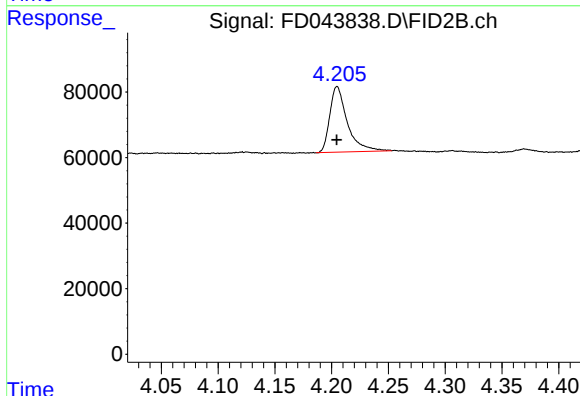
#1 n-Nonane (C9)

R.T.: 3.154 min
Delta R.T.: 0.000 min
Response: 168933
Conc: 1.17 ug/ml

Instrument :
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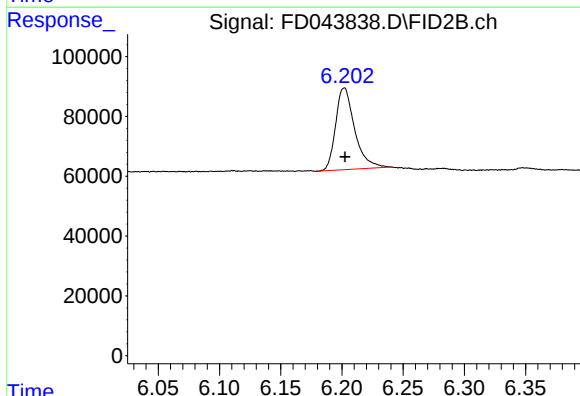
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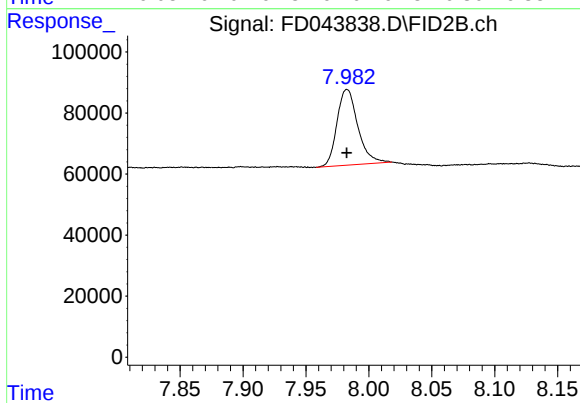
#2 n-Decane (C10)

R.T.: 4.205 min
Delta R.T.: 0.000 min
Response: 215157
Conc: 1.48 ug/ml m



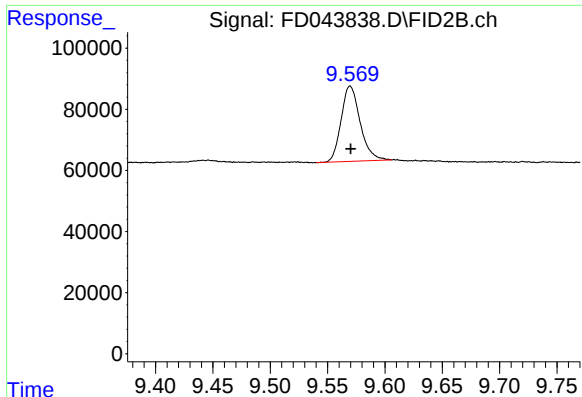
#4 n-Dodecane (C12)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 295841
Conc: 1.98 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 285712
Conc: 1.89 ug/ml



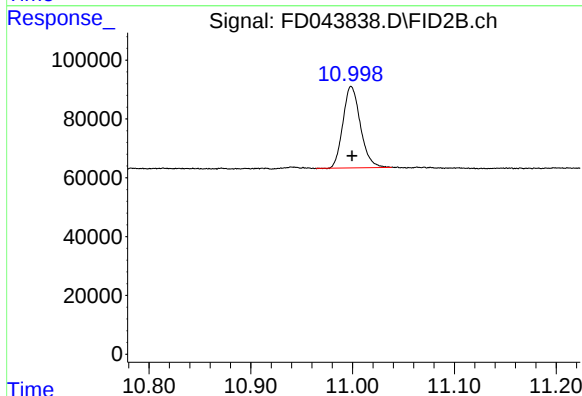
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 284334
Conc: 1.86 ug/ml

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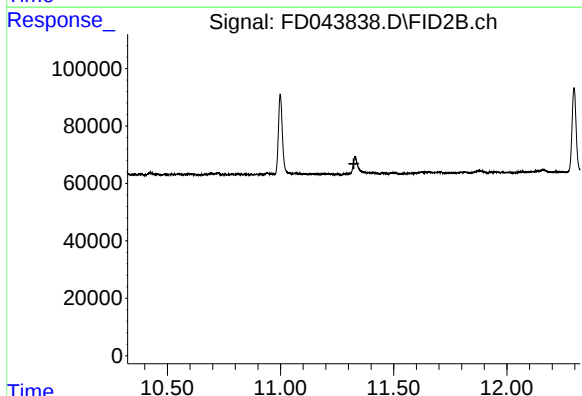
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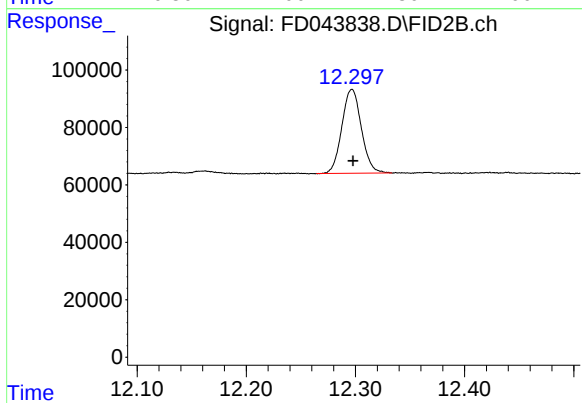
#8 n-Octadecane (C18)

R.T.: 10.999 min
Delta R.T.: 0.000 min
Response: 329892
Conc: 2.09 ug/ml



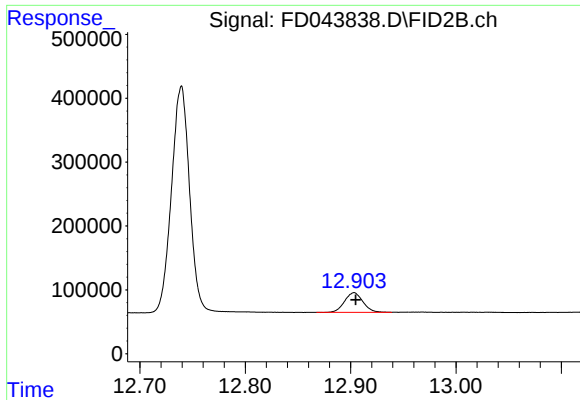
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.324 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.297 min
Delta R.T.: 0.000 min
Response: 362849
Conc: 2.27 ug/ml



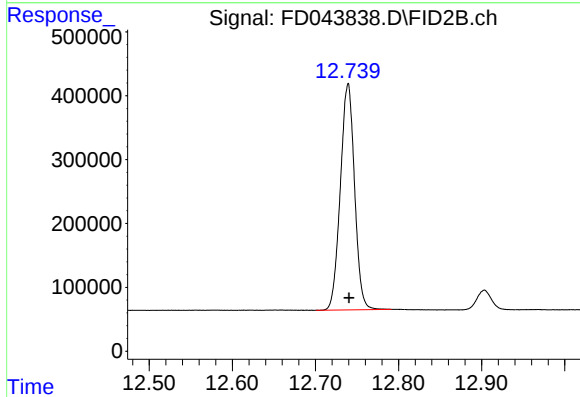
#11 n-Heneicosane (C21)

R.T.: 12.903 min
Delta R.T.: -0.002 min
Response: 371521
Conc: 2.30 ug/ml

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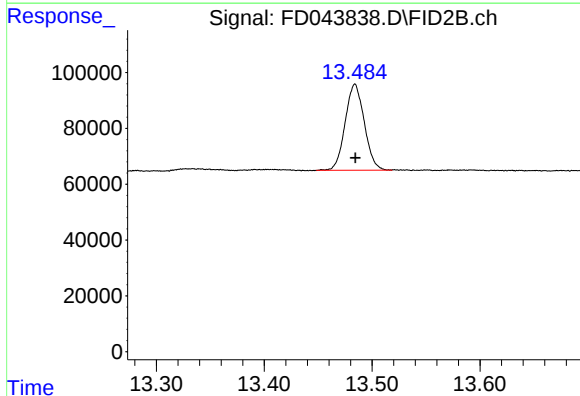
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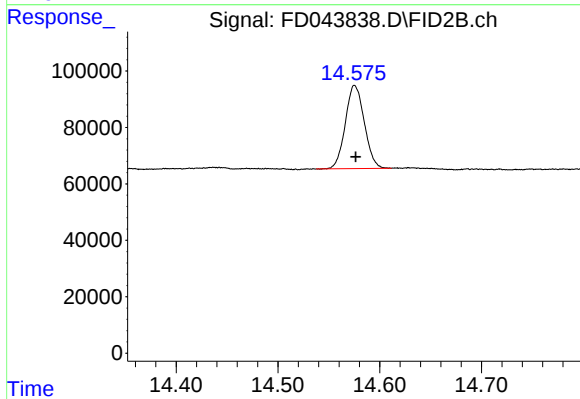
#12 1-chlorooctadecane (SURR)

R.T.: 12.739 min
Delta R.T.: -0.001 min
Response: 4206734
Conc: 31.62 ug/ml



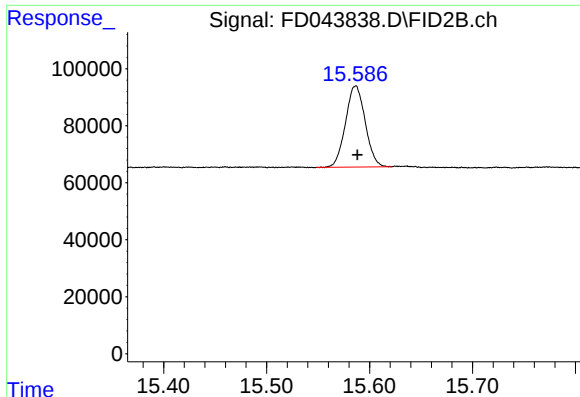
#13 n-Docosane (C22)

R.T.: 13.484 min
Delta R.T.: 0.000 min
Response: 378877
Conc: 2.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.575 min
Delta R.T.: -0.001 min
Response: 381893
Conc: 2.41 ug/ml



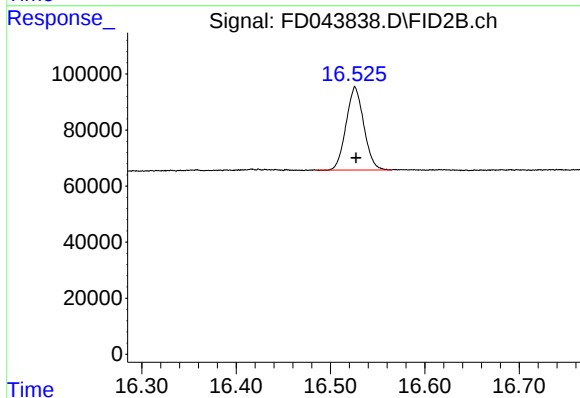
#15 n-Hexacosane (C26)

R.T.: 15.586 min
Delta R.T.: -0.002 min
Response: 378384
Conc: 2.43 ug/ml

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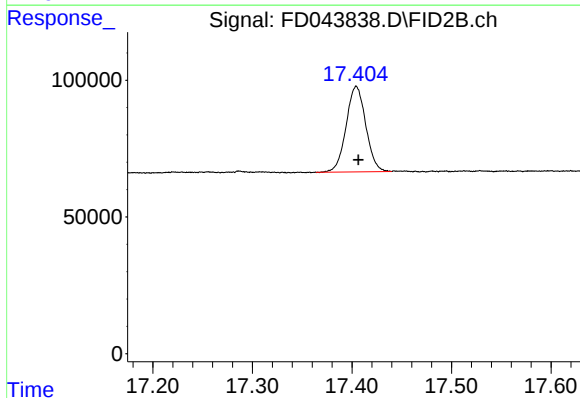
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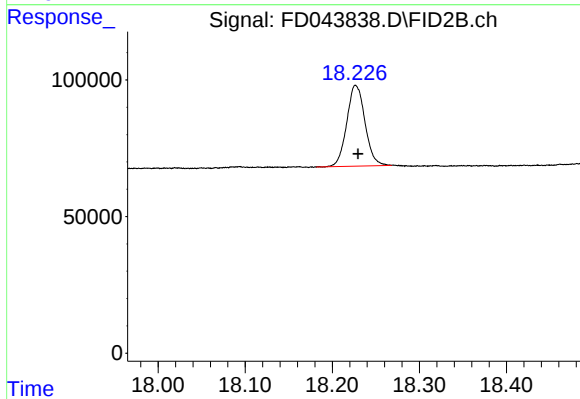
#16 n-Octacosane (C28)

R.T.: 16.526 min
Delta R.T.: -0.001 min
Response: 386916
Conc: 2.56 ug/ml



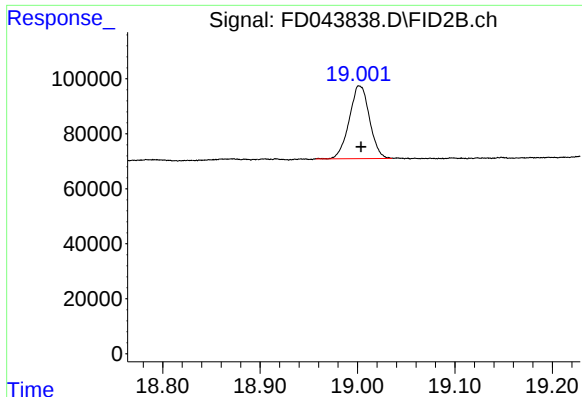
#17 n-Tricontane (C30)

R.T.: 17.404 min
Delta R.T.: -0.002 min
Response: 428530
Conc: 2.88 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.227 min
Delta R.T.: -0.003 min
Response: 429415
Conc: 3.01 ug/ml



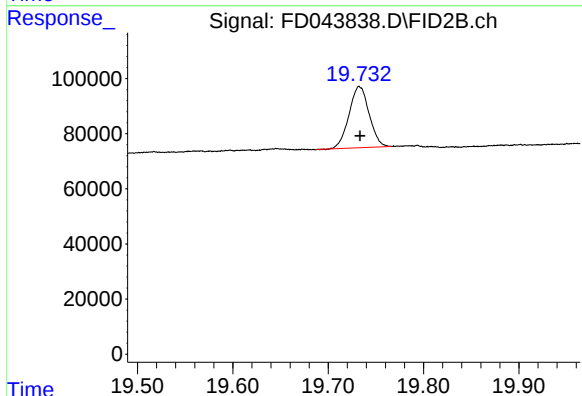
#19 n-Tetratriacontane (C34)

R.T.: 19.002 min
Delta R.T.: -0.002 min
Response: 381086
Conc: 2.92 ug/ml

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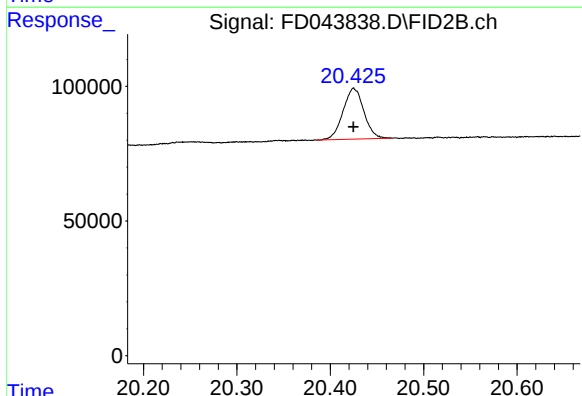
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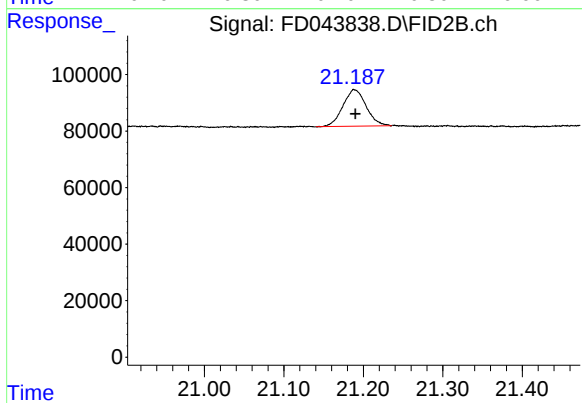
#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 325058
Conc: 2.63 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.425 min
Delta R.T.: 0.000 min
Response: 291195
Conc: 2.49 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.189 min
Delta R.T.: -0.002 min
Response: 263387
Conc: 2.38 ug/ml