

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD090822AL\
 Data File : FD043839.D
 Signal(s) : FID2B.ch
 Acq On : 08 Sep 2022 19:12
 Operator : YP/AJ
 Sample : N3980-09
 Misc :
 ALS Vial : 60 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 MDL-WATER-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 09:05:18 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	4261040	32.024 ug/ml
Spiked Amount 50.000		Recovery =	64.05%
Target Compounds			
1) T n-Nonane (C9)	3.157	176077	1.223 ug/mlm
2) T n-Decane (C10)	4.206	221319	1.526 ug/mlm
4) T n-Dodecane (C12)	6.202	295421	1.975 ug/ml
6) T n-Tetradecane (C14)	7.983	299566	1.985 ug/ml
7) T n-Hexadecane (C16)	9.570	283151	1.851 ug/ml
8) T n-Octadecane (C18)	10.998	330573	2.097 ug/ml
10) T n-Eicosane (C20)	12.296	361044	2.256 ug/ml
11) T n-Heneicosane (C21)	12.902	379304	2.351 ug/ml
13) T n-Docosane (C22)	13.483	395006	2.457 ug/ml
14) T n-Tetracosane (C24)	14.576	400139	2.525 ug/ml
15) T n-Hexacosane (C26)	15.587	402154	2.582 ug/ml
16) T n-Octacosane (C28)	16.526	411954	2.721 ug/ml
17) T n-Tricontane (C30)	17.404	453515	3.044 ug/ml
18) T n-Dotriacontane (C32)	18.227	457122	3.202 ug/ml
19) T n-Tetratriacontane (C34)	19.001	397031	3.038 ug/ml
20) T n-Hexatriacontane (C36)	19.733	339248	2.741 ug/ml
21) T n-Octatriacontane (C38)	20.424	295684	2.531 ug/ml
22) T n-Tetracontane (C40)	21.190	292217	2.644 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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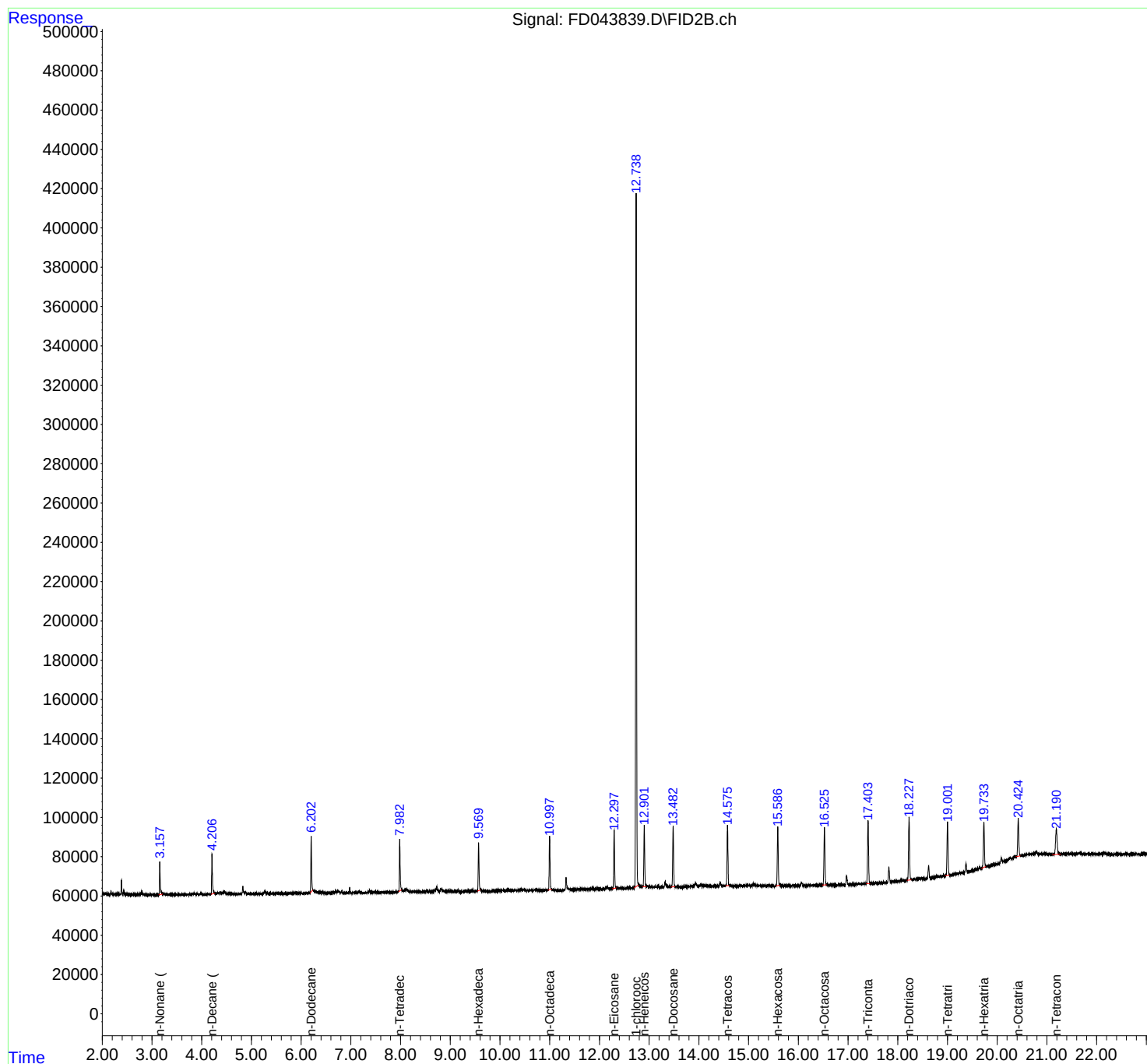
Instrument :
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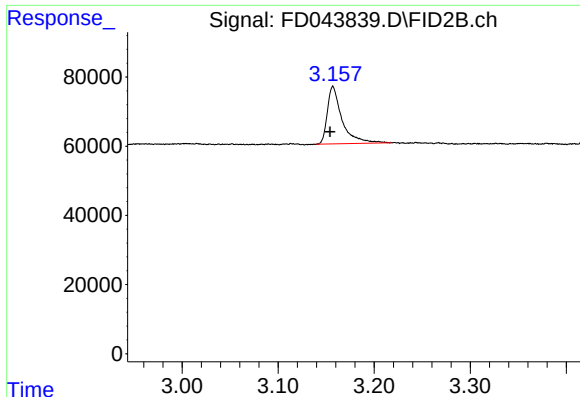
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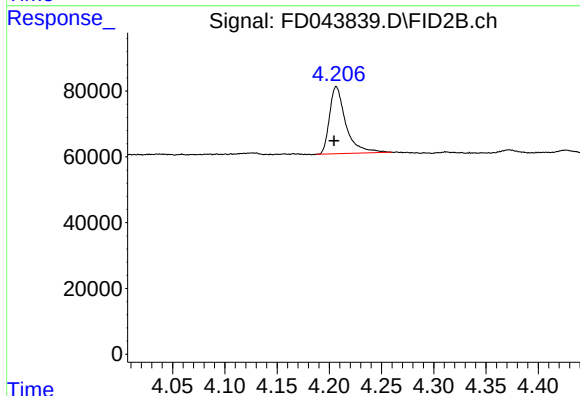
#1 n-Nonane (C9)

R.T.: 3.157 min
Delta R.T.: 0.003 min
Response: 176077
Conc: 1.22 ug/ml

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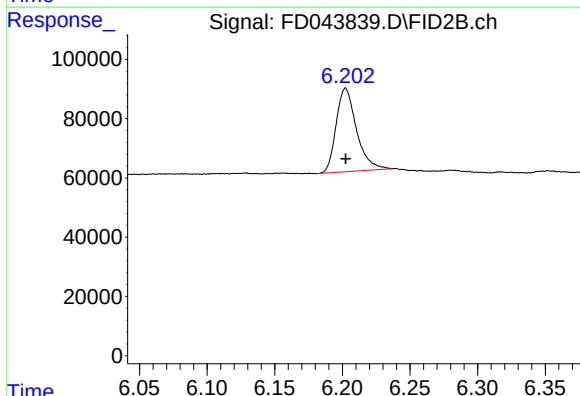
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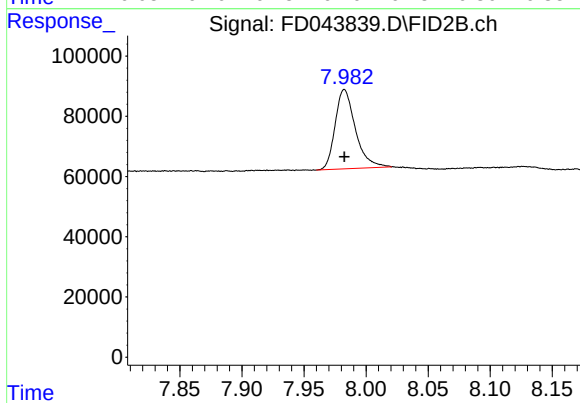
#2 n-Decane (C10)

R.T.: 4.206 min
Delta R.T.: 0.002 min
Response: 221319
Conc: 1.53 ug/ml m



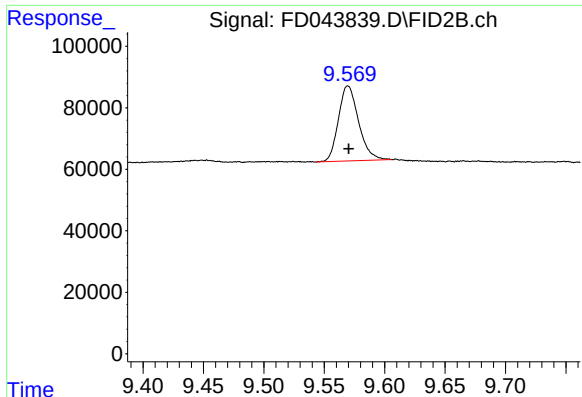
#4 n-Dodecane (C12)

R.T.: 6.202 min
Delta R.T.: 0.000 min
Response: 295421
Conc: 1.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.983 min
Delta R.T.: 0.000 min
Response: 299566
Conc: 1.98 ug/ml



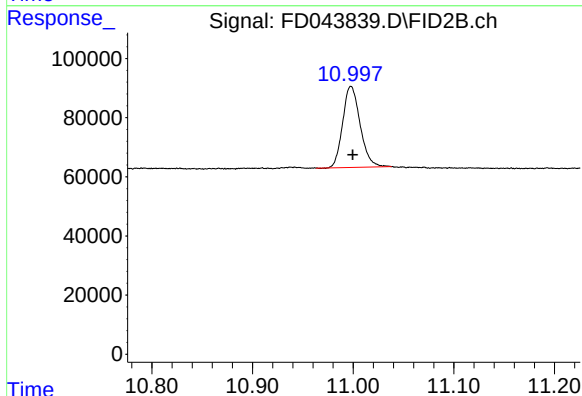
#7 n-Hexadecane (C16)

R.T.: 9.570 min
Delta R.T.: 0.000 min
Response: 283151
Conc: 1.85 ug/ml

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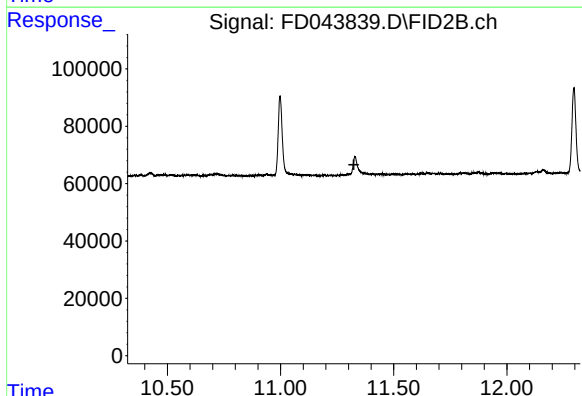
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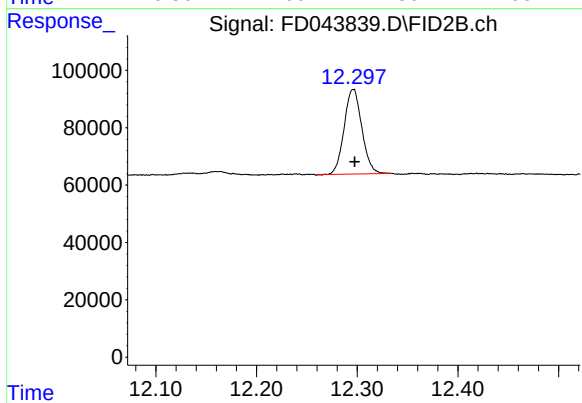
#8 n-Octadecane (C18)

R.T.: 10.998 min
Delta R.T.: -0.002 min
Response: 330573
Conc: 2.10 ug/ml



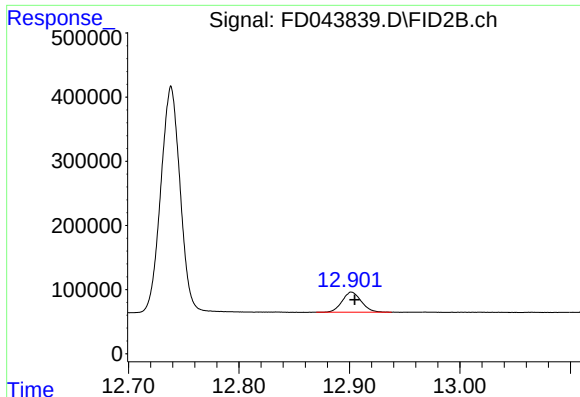
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.296 min
Delta R.T.: -0.002 min
Response: 361044
Conc: 2.26 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.902 min
Delta R.T.: -0.003 min
Response: 379304
Conc: 2.35 ug/ml

Instrument :

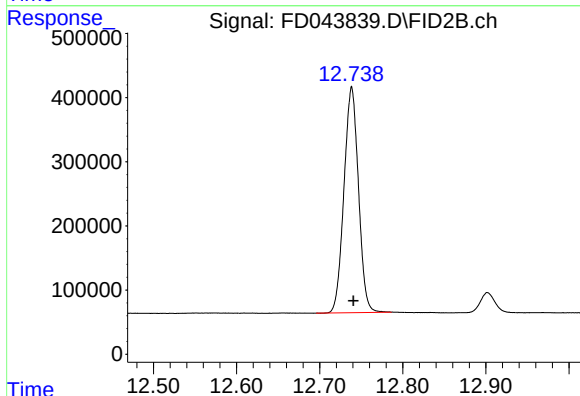
FID_D

ClientSampleId :

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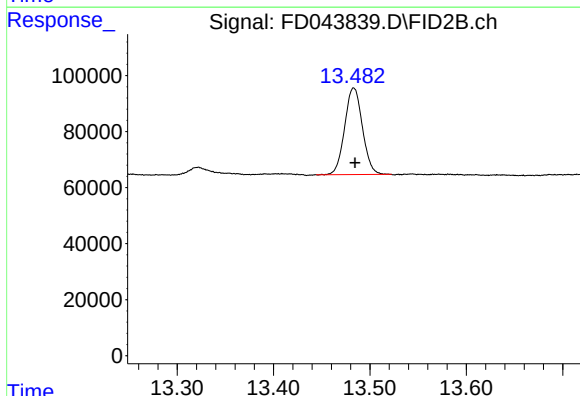
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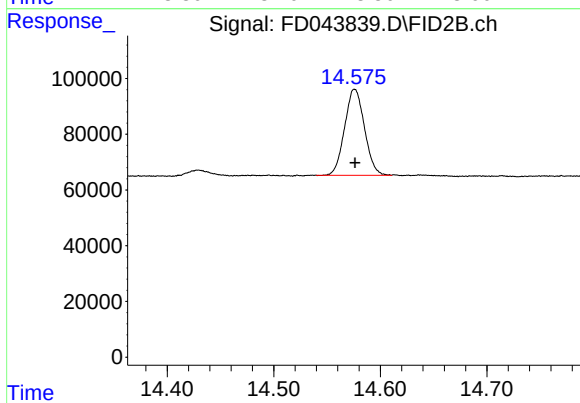
#12 1-chlorooctadecane (SURR)

R.T.: 12.739 min
Delta R.T.: -0.002 min
Response: 4261040
Conc: 32.02 ug/ml



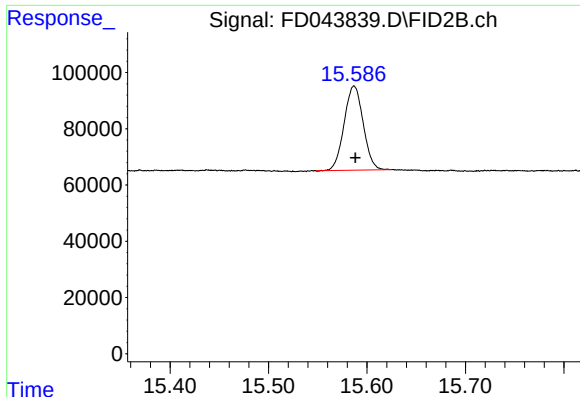
#13 n-Docosane (C22)

R.T.: 13.483 min
Delta R.T.: -0.001 min
Response: 395006
Conc: 2.46 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.576 min
Delta R.T.: 0.000 min
Response: 400139
Conc: 2.52 ug/ml



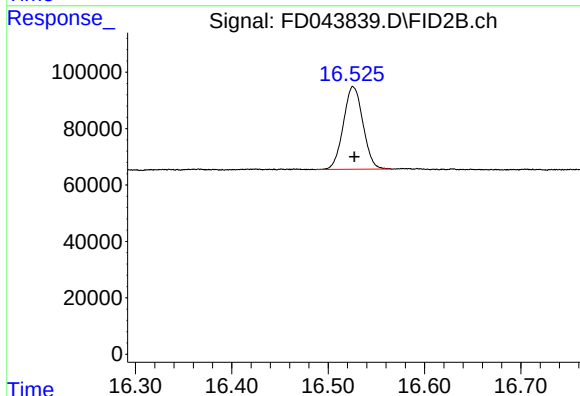
#15 n-Hexacosane (C26)

R.T.: 15.587 min
Delta R.T.: -0.001 min
Response: 402154
Conc: 2.58 ug/ml

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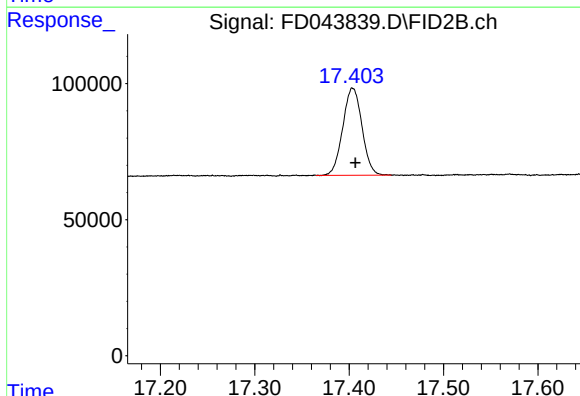
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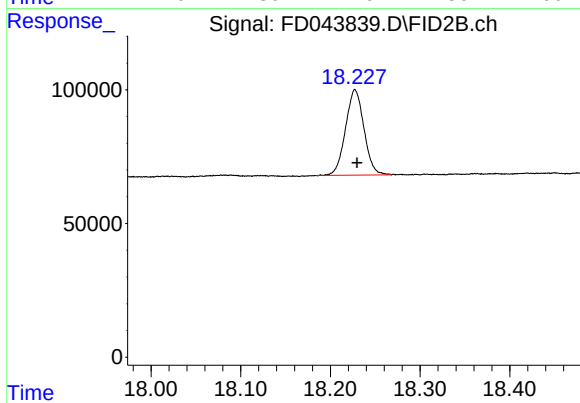
#16 n-Octacosane (C28)

R.T.: 16.526 min
Delta R.T.: -0.001 min
Response: 411954
Conc: 2.72 ug/ml



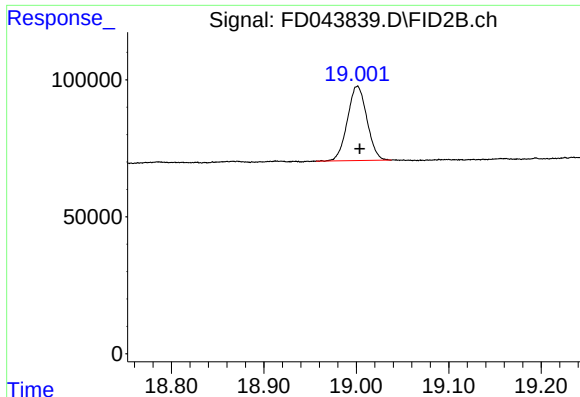
#17 n-Tricontane (C30)

R.T.: 17.404 min
Delta R.T.: -0.003 min
Response: 453515
Conc: 3.04 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.227 min
Delta R.T.: -0.002 min
Response: 457122
Conc: 3.20 ug/ml



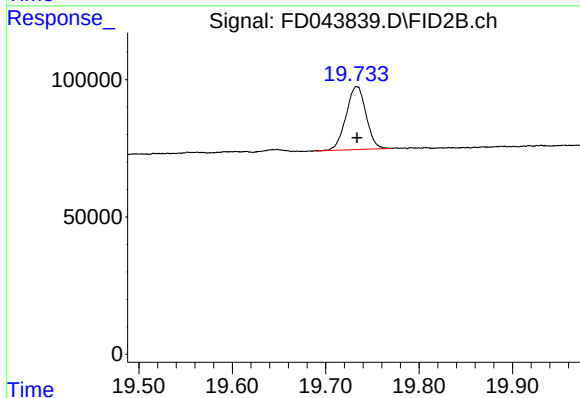
#19 n-Tetratriacontane (C34)

R.T.: 19.001 min
Delta R.T.: -0.003 min
Response: 397031
Conc: 3.04 ug/ml

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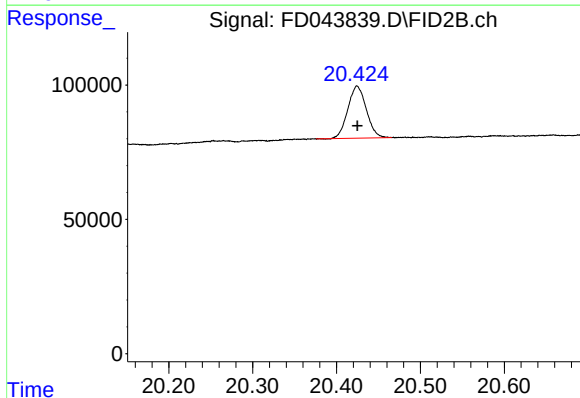
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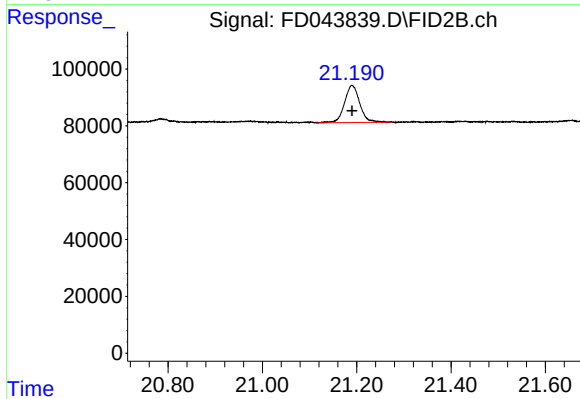
#20 n-Hexatriacontane (C36)

R.T.: 19.733 min
Delta R.T.: 0.000 min
Response: 339248
Conc: 2.74 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.424 min
Delta R.T.: 0.000 min
Response: 295684
Conc: 2.53 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.190 min
Delta R.T.: 0.000 min
Response: 292217
Conc: 2.64 ug/ml m