

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045452.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 08:44
 Operator : YP/AJ
 Sample : 02213-02
 Misc :
 ALS Vial : 64 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2023

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/10/2023
 Supervised By :Ankita Jodhani 04/10/2023

Integration File: autoint1.e
 Quant Time: Apr 10 04:17:37 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...	12.876	5759325	48.220 ug/ml
Spiked Amount 50.000		Recovery =	96.44%
Target Compounds			
1) T n-Nonane (C9)	3.261	434027	2.849 ug/ml
2) T n-Decane (C10)	4.318	542675	3.595 ug/ml
4) T n-Dodecane (C12)	6.322	680697	4.462 ug/ml
6) T n-Tetradecane (C14)	8.107	630119	4.117 ug/ml
7) T n-Hexadecane (C16)	9.698	672627	4.319 ug/ml
8) T n-Octadecane (C18)	11.131	783118	5.000 ug/ml
10) T n-Eicosane (C20)	12.432	718734	4.847 ug/ml
11) T n-Heneicosane (C21)	13.040	694713	4.721 ug/ml
13) T n-Docosane (C22)	13.622	722005	5.003 ug/ml
14) T n-Tetracosane (C24)	14.718	701944	5.029 ug/mlm
15) T n-Hexacosane (C26)	15.731	676739	5.036 ug/ml
16) T n-Octacosane (C28)	16.675	658030	5.004 ug/ml
17) T n-Tricontane (C30)	17.554	663850	5.094 ug/ml
18) T n-Dotriacontane (C32)	18.380	672814	5.170 ug/ml
19) T n-Tetratriacontane (C34)	19.157	629018	5.035 ug/ml
20) T n-Hexatriacontane (C36)	19.891	552753	4.818 ug/ml
21) T n-Octatriacontane (C38)	20.595	482530	4.398 ug/ml
22) T n-Tetracontane (C40)	21.427	405870	3.783 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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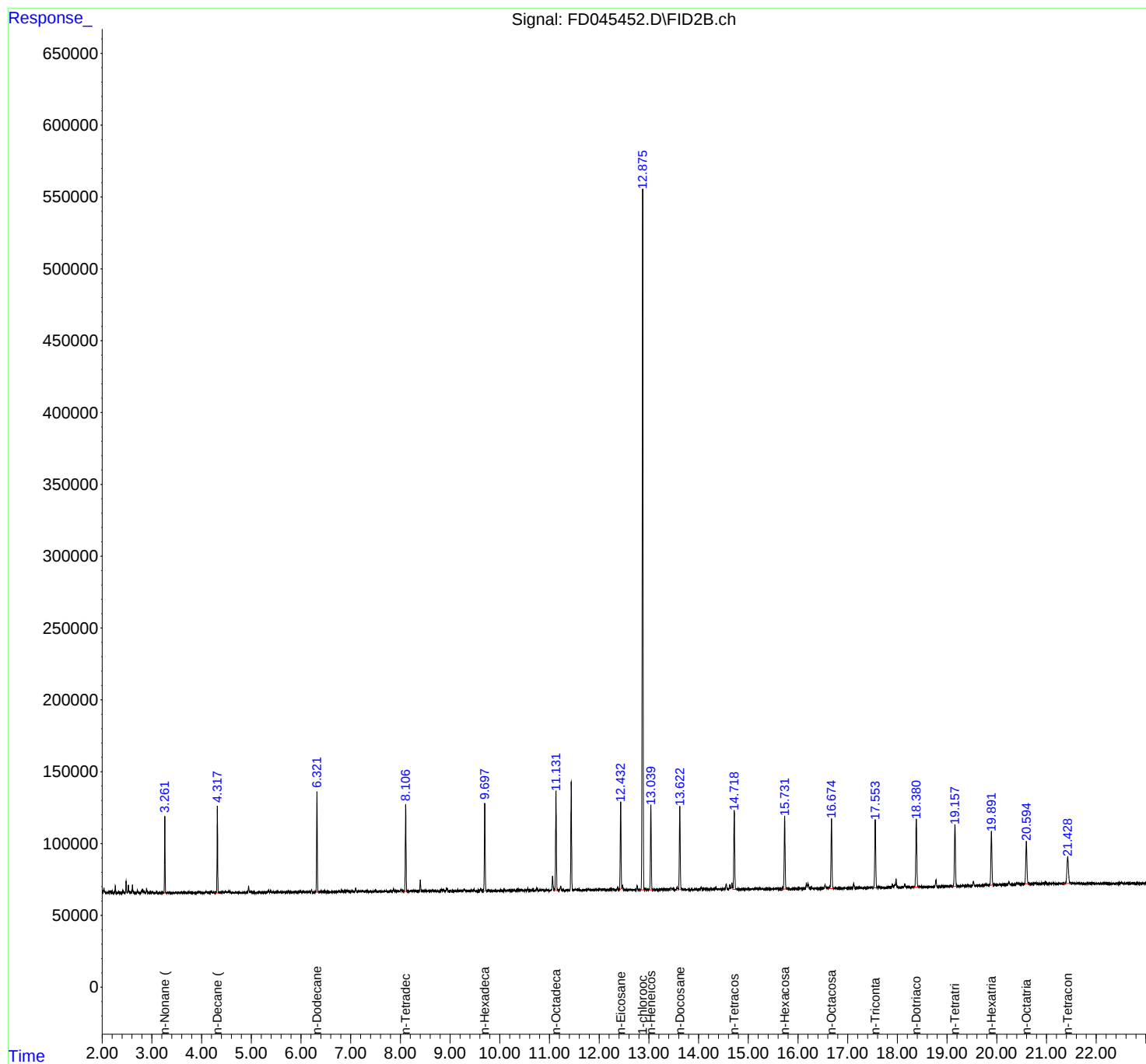
Instrument :
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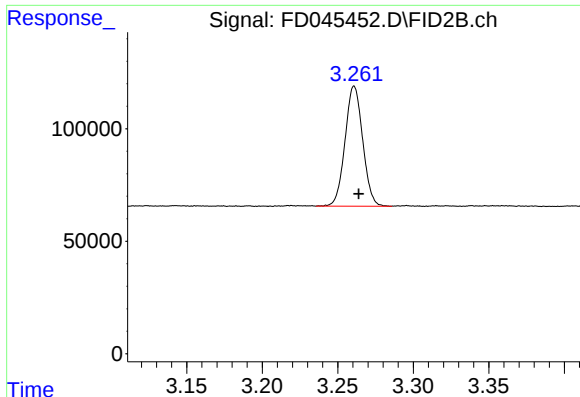
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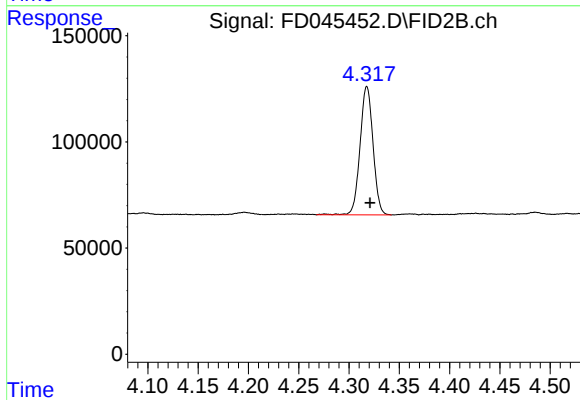
#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 434027
Conc: 2.85 ug/ml

Instrument :
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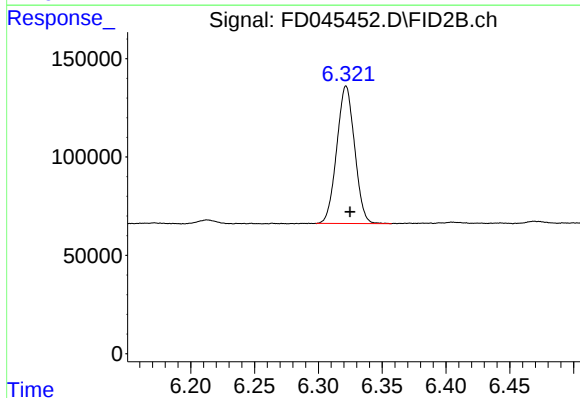
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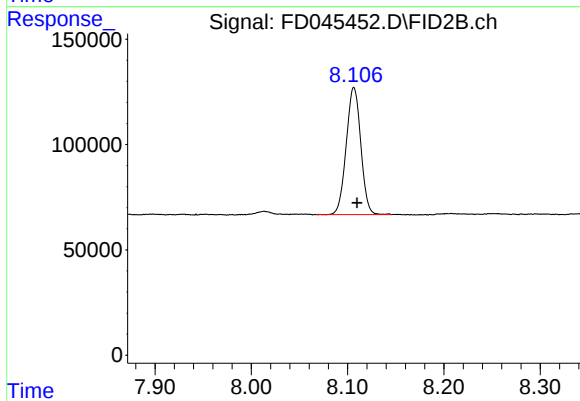
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 542675
Conc: 3.60 ug/ml



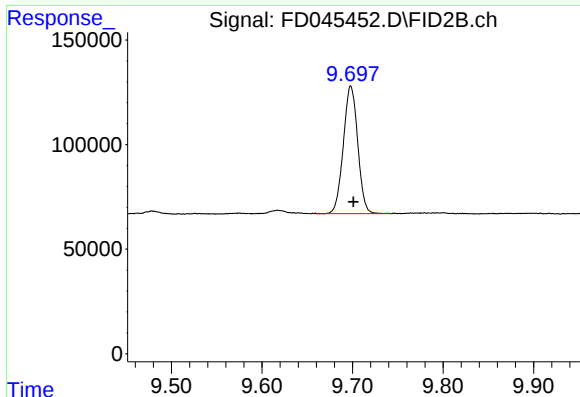
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 680697
Conc: 4.46 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.107 min
Delta R.T.: -0.003 min
Response: 630119
Conc: 4.12 ug/ml



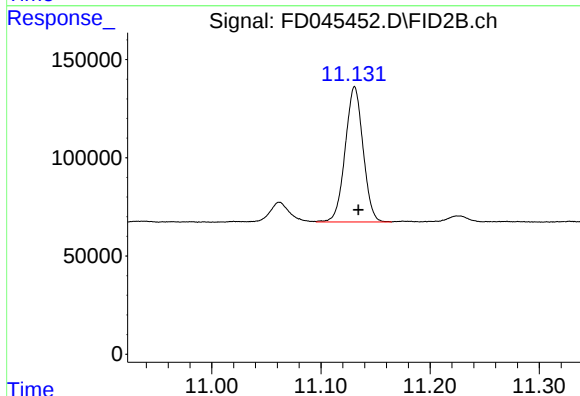
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.003 min
Response: 672627
Conc: 4.32 ug/ml

Instrument :
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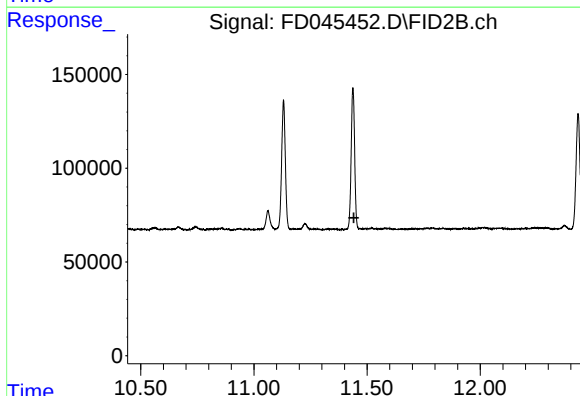
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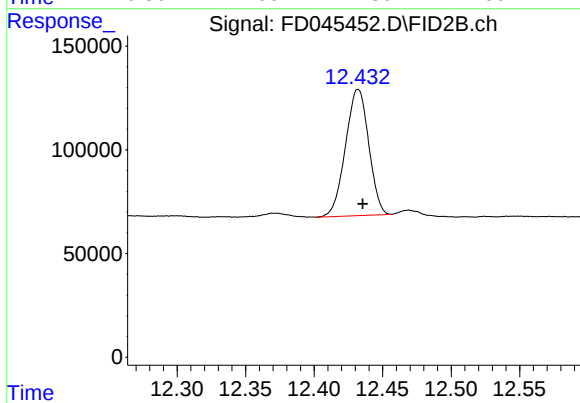
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.003 min
Response: 783118
Conc: 5.00 ug/ml



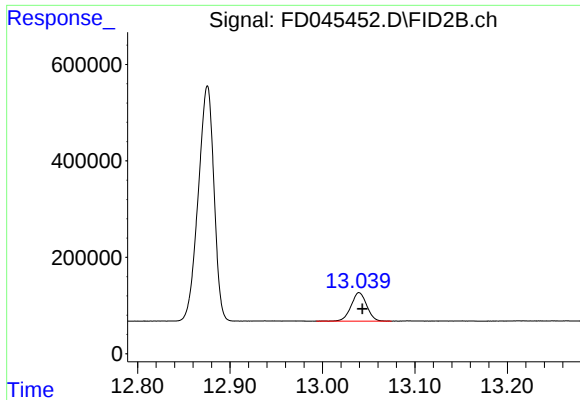
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.432 min
Delta R.T.: -0.003 min
Response: 718734
Conc: 4.85 ug/ml



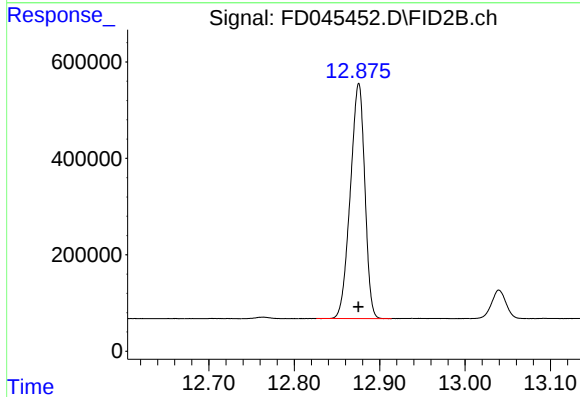
#11 n-Heneicosane (C21)

R.T.: 13.040 min
Delta R.T.: -0.004 min
Response: 694713
Conc: 4.72 ug/ml

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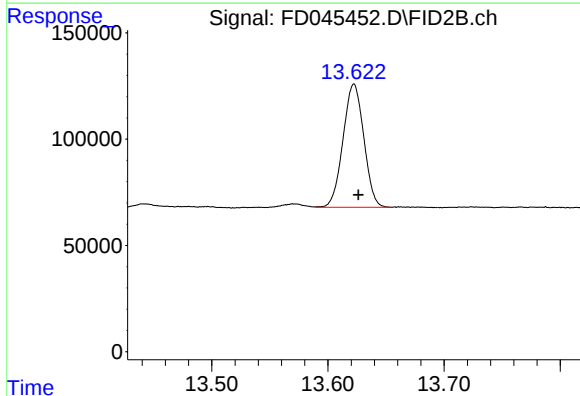
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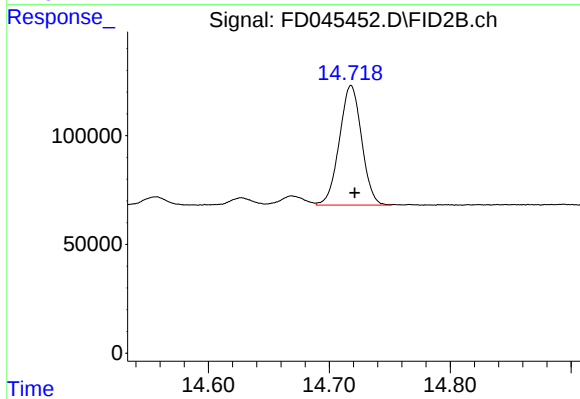
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 5759325
Conc: 48.22 ug/ml



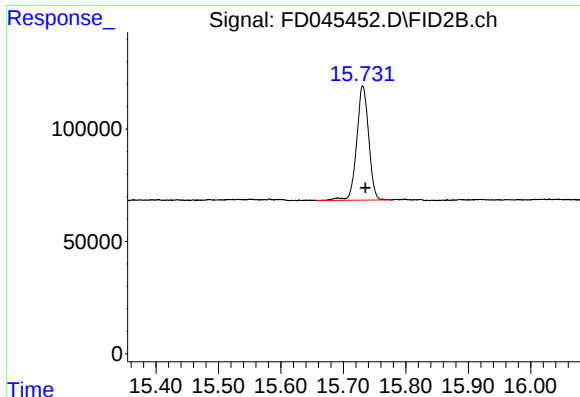
#13 n-Docosane (C22)

R.T.: 13.622 min
Delta R.T.: -0.004 min
Response: 722005
Conc: 5.00 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.718 min
Delta R.T.: -0.003 min
Response: 701944
Conc: 5.03 ug/ml m



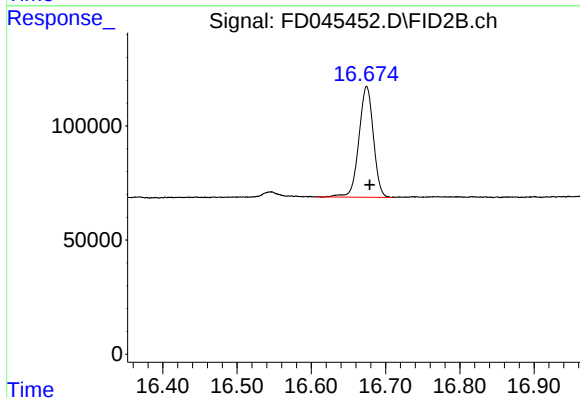
#15 n-Hexacosane (C26)

R.T.: 15.731 min
Delta R.T.: -0.004 min
Response: 676739
Conc: 5.04 ug/ml

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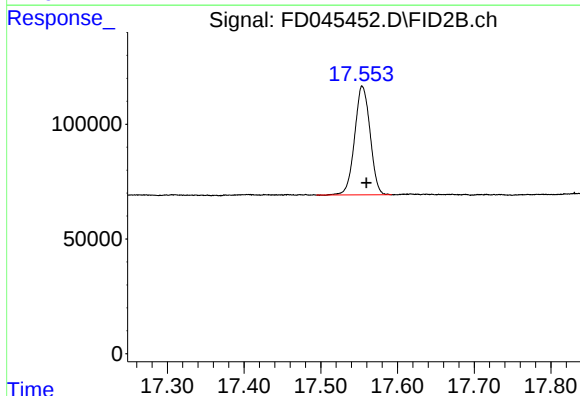
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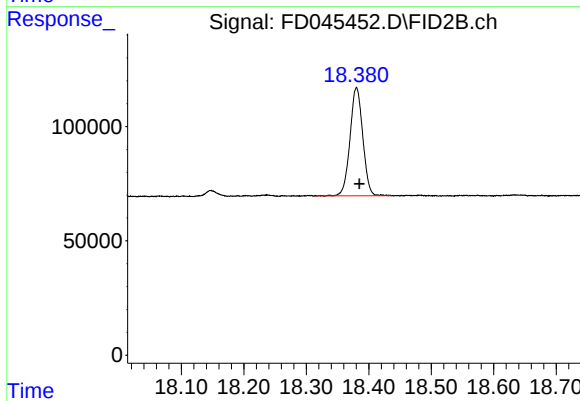
#16 n-Octacosane (C28)

R.T.: 16.675 min
Delta R.T.: -0.004 min
Response: 658030
Conc: 5.00 ug/ml



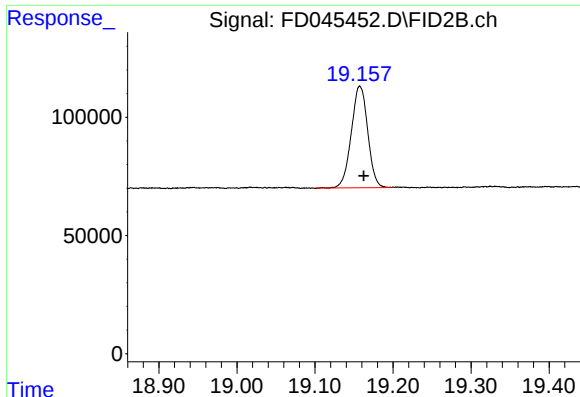
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: -0.005 min
Response: 663850
Conc: 5.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: -0.005 min
Response: 672814
Conc: 5.17 ug/ml



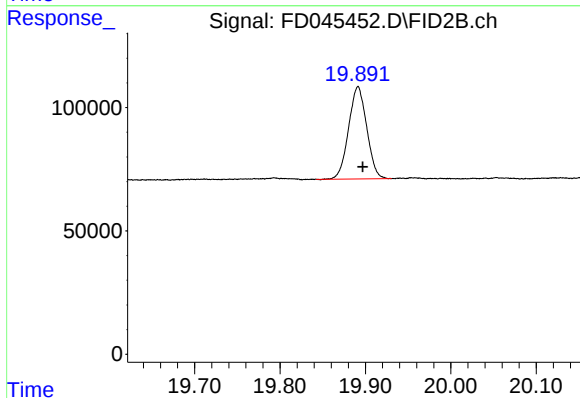
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.005 min
Response: 629018
Conc: 5.03 ug/ml

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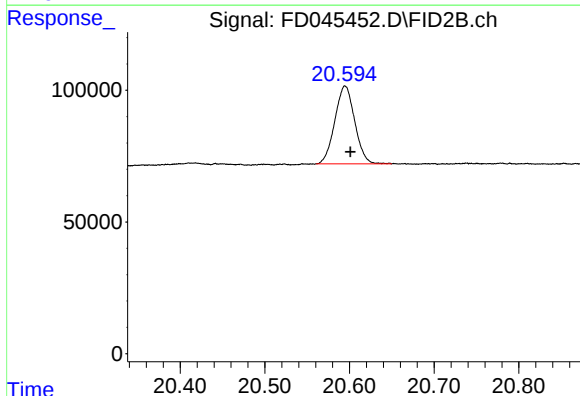
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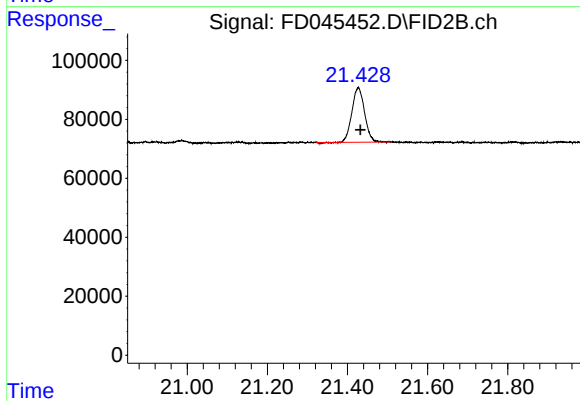
#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: -0.006 min
Response: 552753
Conc: 4.82 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.595 min
Delta R.T.: -0.006 min
Response: 482530
Conc: 4.40 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: -0.005 min
Response: 405870
Conc: 3.78 ug/ml