

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD040723AL\
 Data File : FD045453.D
 Signal(s) : FID2B.ch
 Acq On : 08 Apr 2023 09:23
 Operator : YP/AJ
 Sample : 02213-07
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-WATER-01-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 04:17:46 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	6648781	55.667 ug/ml
Spiked Amount 50.000		Recovery =	111.33%
Target Compounds			
1) T n-Nonane (C9)	3.261	265029	1.740 ug/ml
2) T n-Decane (C10)	4.318	336372	2.228 ug/ml
4) T n-Dodecane (C12)	6.322	440045	2.884 ug/ml
6) T n-Tetradecane (C14)	8.106	409144	2.674 ug/ml
7) T n-Hexadecane (C16)	9.698	421227	2.705 ug/ml
8) T n-Octadecane (C18)	11.131	485340	3.099 ug/ml
10) T n-Eicosane (C20)	12.432	437647	2.951 ug/ml
11) T n-Heneicosane (C21)	13.039	409381	2.782 ug/ml
13) T n-Docosane (C22)	13.621	453804	3.144 ug/ml
14) T n-Tetracosane (C24)	14.717	483447	3.464 ug/mlm
15) T n-Hexacosane (C26)	15.732	478693	3.562 ug/ml
16) T n-Octacosane (C28)	16.674	495218	3.766 ug/ml
17) T n-Tricontane (C30)	17.554	528656	4.057 ug/ml
18) T n-Dotriacontane (C32)	18.380	547070	4.204 ug/ml
19) T n-Tetratriacontane (C34)	19.157	476393	3.813 ug/ml
20) T n-Hexatriacontane (C36)	19.891	403222	3.515 ug/ml
21) T n-Octatriacontane (C38)	20.594	340949	3.107 ug/ml
22) T n-Tetracontane (C40)	21.427	306263	2.855 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 65 Sample Multiplier: 1

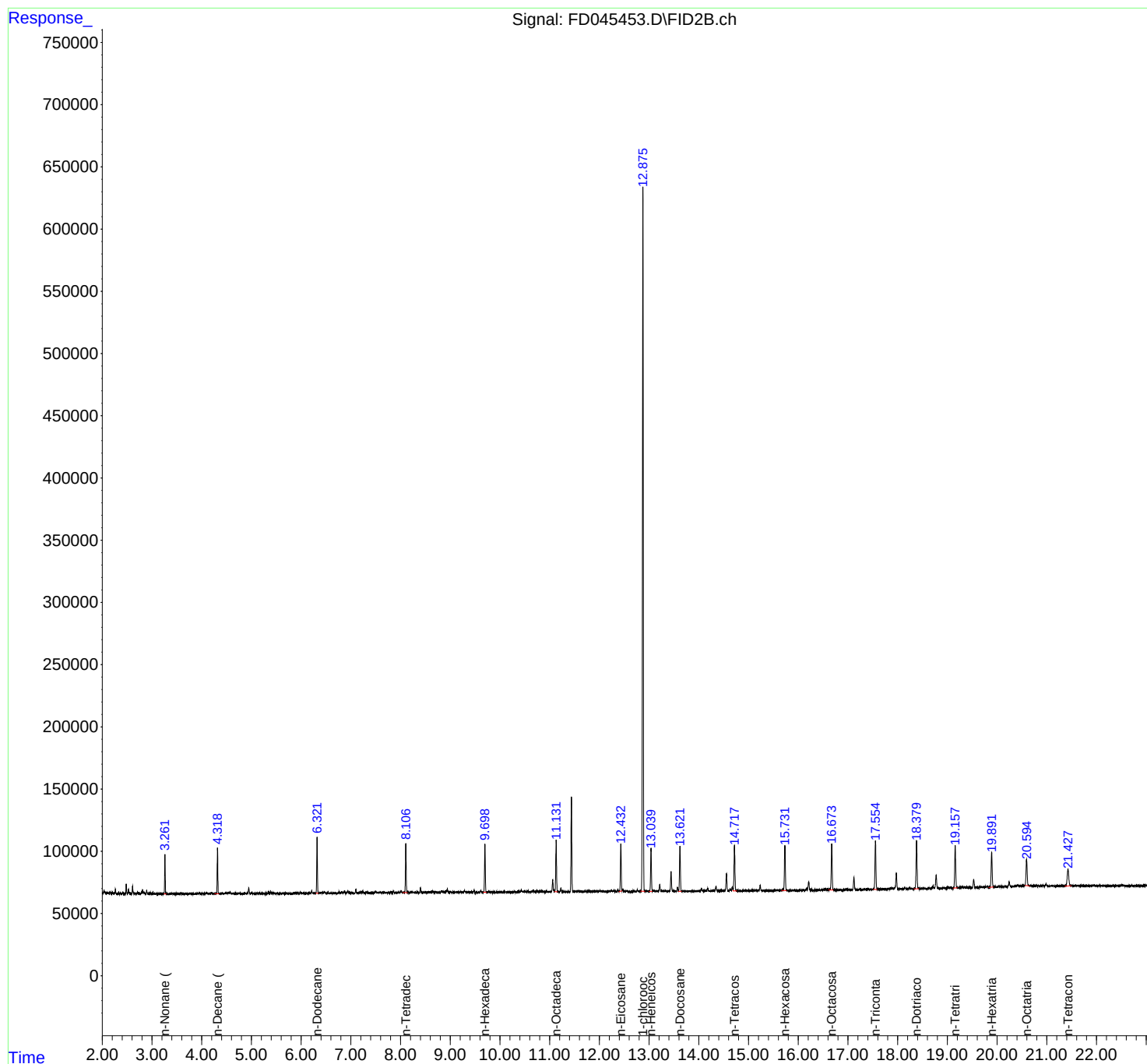
Instrument :
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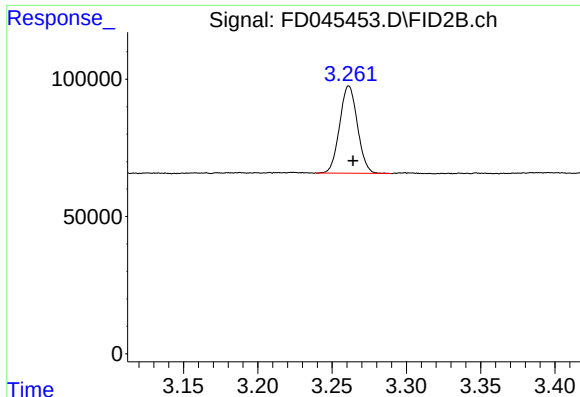
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.003 min
Response: 265029
Conc: 1.74 ug/ml

Instrument :

FID_D

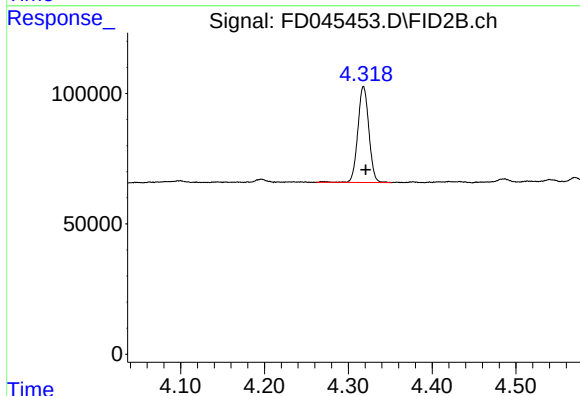
ClientSampleId :

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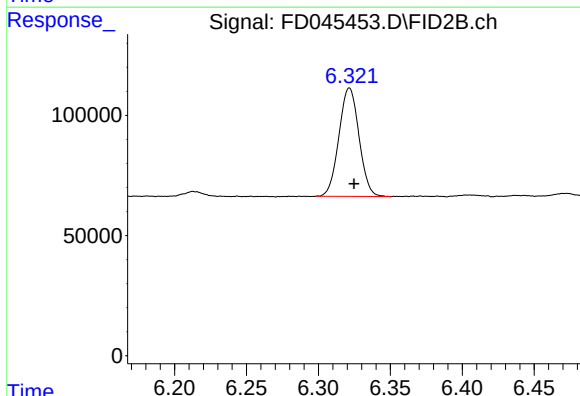
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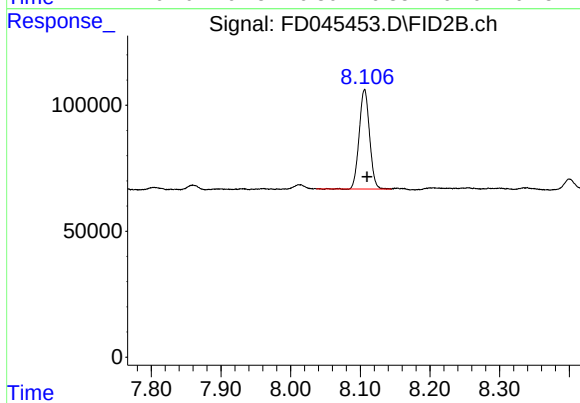
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.003 min
Response: 336372
Conc: 2.23 ug/ml



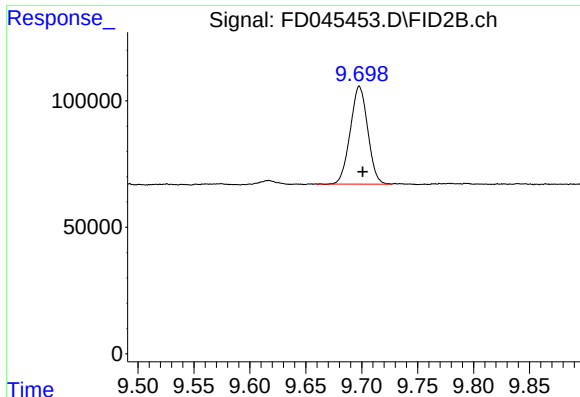
#4 n-Dodecane (C12)

R.T.: 6.322 min
Delta R.T.: -0.003 min
Response: 440045
Conc: 2.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.106 min
Delta R.T.: -0.004 min
Response: 409144
Conc: 2.67 ug/ml



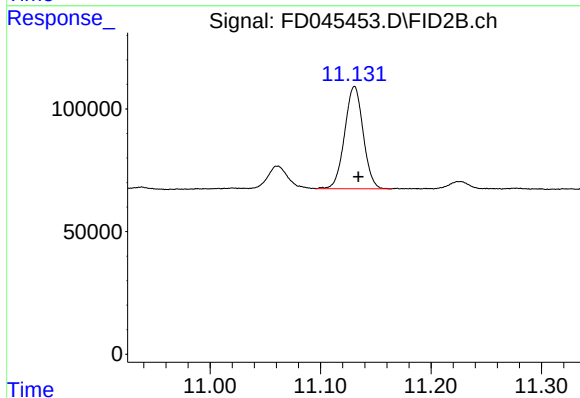
#7 n-Hexadecane (C16)

R.T.: 9.698 min
Delta R.T.: -0.003 min
Response: 421227
Conc: 2.70 ug/ml

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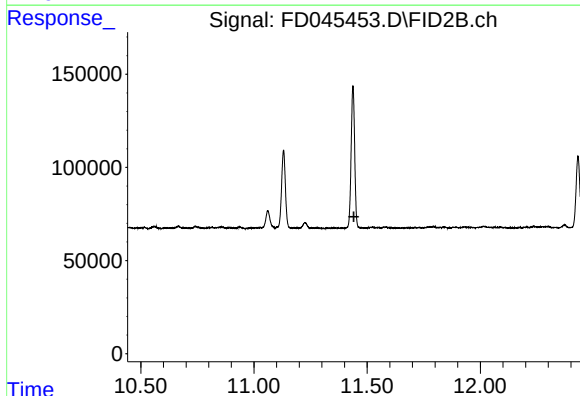
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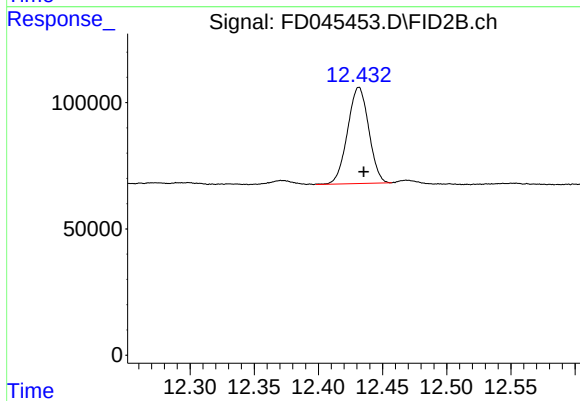
#8 n-Octadecane (C18)

R.T.: 11.131 min
Delta R.T.: -0.004 min
Response: 485340
Conc: 3.10 ug/ml



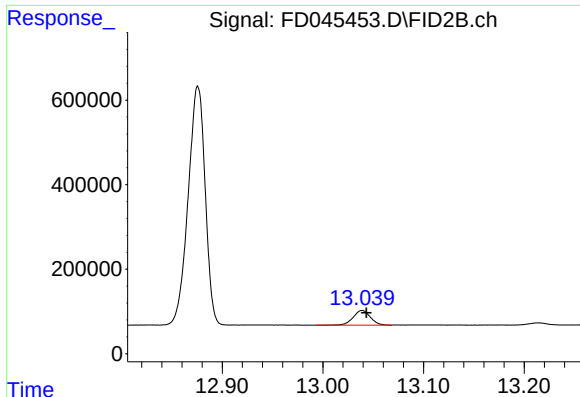
#9 ortho-Terphenyl (SURR)

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.: -0.004 min
Response: 437647
Conc: 2.95 ug/ml



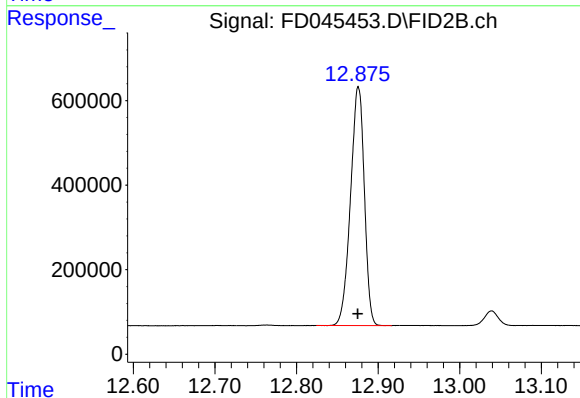
#11 n-Heneicosane (C21)

R.T.: 13.039 min
Delta R.T.: -0.004 min
Response: 409381
Conc: 2.78 ug/ml

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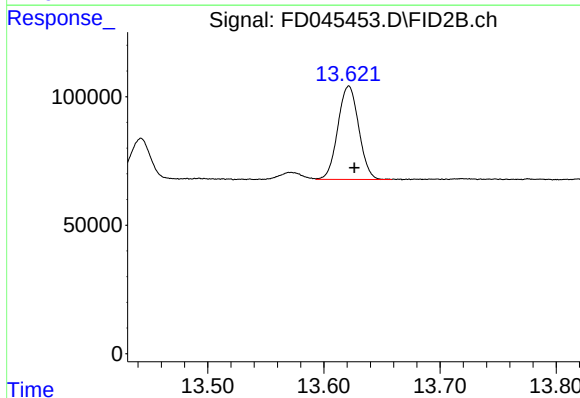
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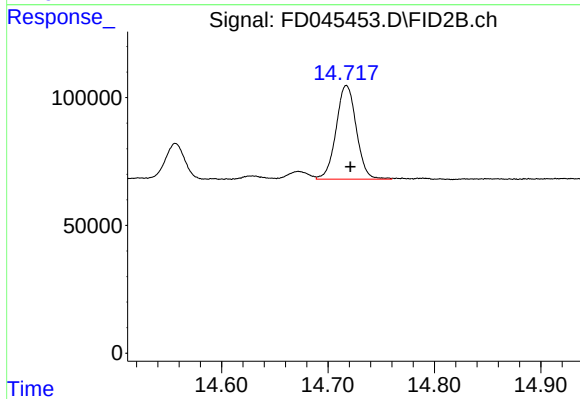
#12 1-chlorooctadecane (SURR)

R.T.: 12.876 min
Delta R.T.: 0.000 min
Response: 6648781
Conc: 55.67 ug/ml



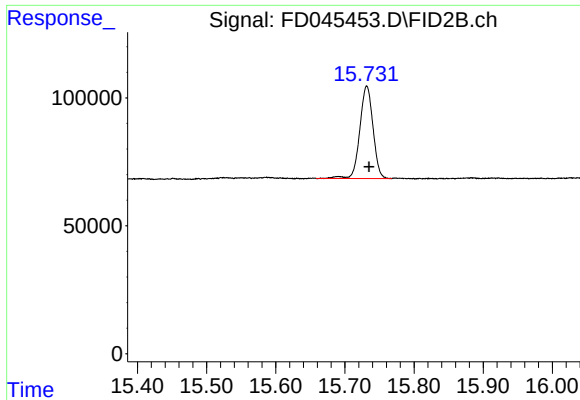
#13 n-Docosane (C22)

R.T.: 13.621 min
Delta R.T.: -0.005 min
Response: 453804
Conc: 3.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.717 min
Delta R.T.: -0.004 min
Response: 483447
Conc: 3.46 ug/ml m



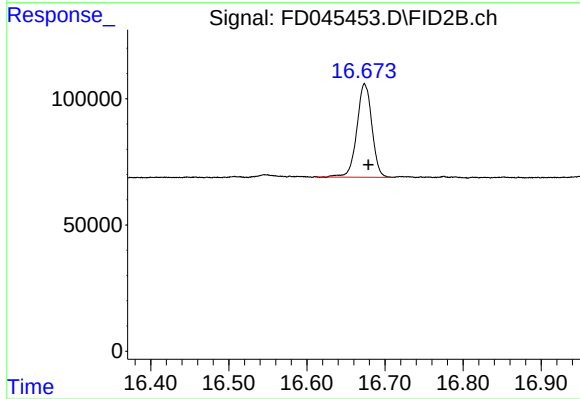
#15 n-Hexacosane (C26)

R.T.: 15.732 min
Delta R.T.: -0.003 min
Response: 478693
Conc: 3.56 ug/ml

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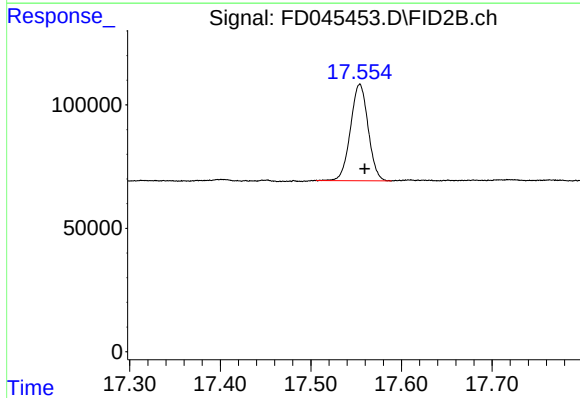
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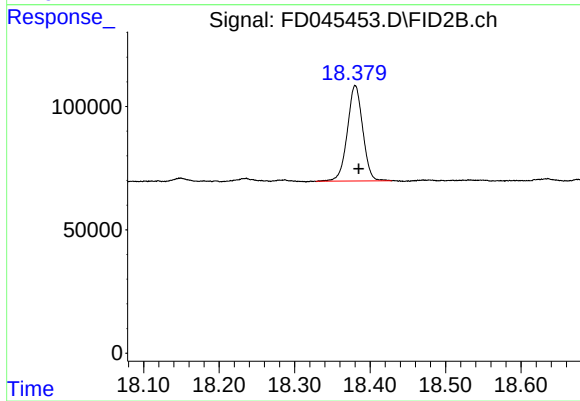
#16 n-Octacosane (C28)

R.T.: 16.674 min
Delta R.T.: -0.005 min
Response: 495218
Conc: 3.77 ug/ml



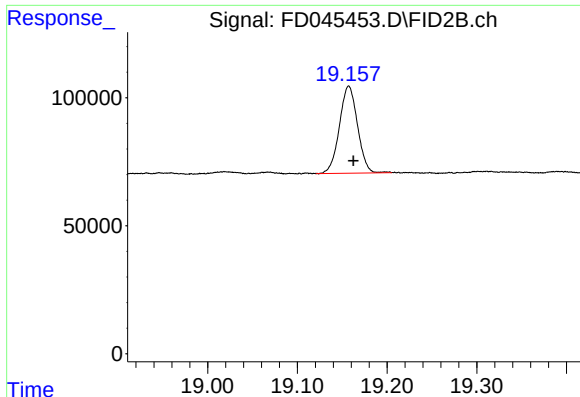
#17 n-Tricontane (C30)

R.T.: 17.554 min
Delta R.T.: -0.005 min
Response: 528656
Conc: 4.06 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.380 min
Delta R.T.: -0.005 min
Response: 547070
Conc: 4.20 ug/ml



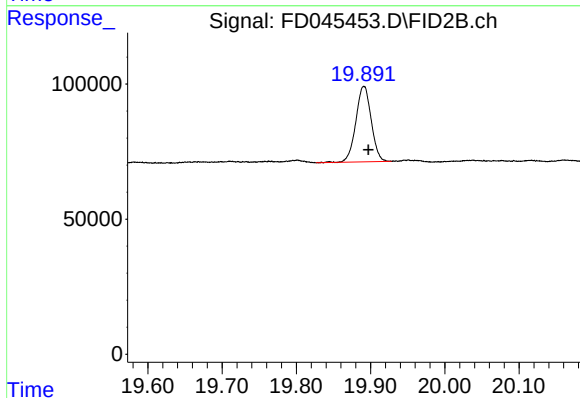
#19 n-Tetratriacontane (C34)

R.T.: 19.157 min
Delta R.T.: -0.005 min
Response: 476393
Conc: 3.81 ug/ml

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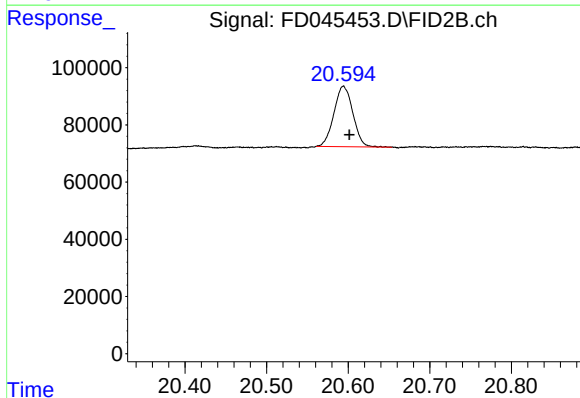
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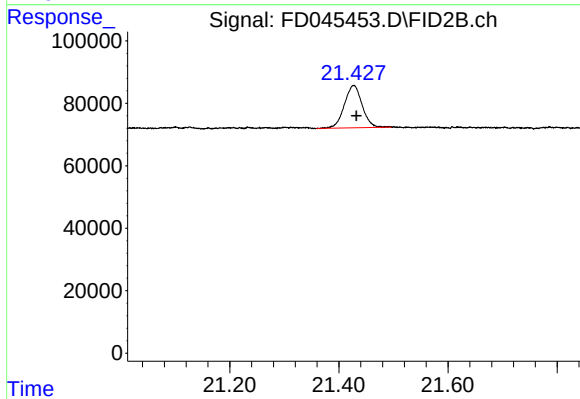
#20 n-Hexatriacontane (C36)

R.T.: 19.891 min
Delta R.T.: -0.006 min
Response: 403222
Conc: 3.51 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.594 min
Delta R.T.: -0.007 min
Response: 340949
Conc: 3.11 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.427 min
Delta R.T.: -0.005 min
Response: 306263
Conc: 2.85 ug/ml