

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047742.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 17:40
 Operator : YP/AJ
 Sample : P2403-02
 Misc :
 ALS Vial : 66 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT2-2024

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/14/2024
 Supervised By :Ankita Jodhani 05/14/2024

Integration File: autoint1.e
 Quant Time: May 14 03:30:20 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 051324.M
 Quant Title : GC Extractables
 QLast Update : Mon May 13 13:08:23 2024
 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...	12.794	7406698	45.453 ug/ml
Spiked Amount 50.000		Recovery =	90.91%
Target Compounds			
1) T n-Nonane (C9)	3.187	539482	2.802 ug/ml
2) T n-Decane (C10)	4.239	664411	3.356 ug/ml
4) T n-Dodecane (C12)	6.238	879131	4.427 ug/ml
6) T n-Tetradecane (C14)	8.022	808454	4.139 ug/ml
7) T n-Hexadecane (C16)	9.613	810749	4.040 ug/ml
8) T n-Octadecane (C18)	11.047	911060	4.486 ug/ml
10) T n-Eicosane (C20)	12.350	965887	4.948 ug/ml
11) T n-Heneicosane (C21)	12.959	892196	4.638 ug/ml
13) T n-Docosane (C22)	13.542	1110454	5.836 ug/ml
14) T n-Tetracosane (C24)	14.639	1420604	7.556 ug/ml
15) T n-Hexacosane (C26)	15.654	1606295	8.867 ug/mlm
16) T n-Octacosane (C28)	16.600	1764781	10.126 ug/mlm
17) T n-Tricontane (C30)	17.483	1796828	10.296 ug/ml
18) T n-Dotriacontane (C32)	18.312	1616302	9.493 ug/ml
19) T n-Tetratriacontane (C34)	19.090	1164406	7.220 ug/ml
20) T n-Hexatriacontane (C36)	19.826	893673	5.846 ug/ml
21) T n-Octatriacontane (C38)	20.525	746366	5.076 ug/ml
22) T n-Tetracontane (C40)	21.331	681197	4.803 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2403-02
Misc :
ALS Vial : 66 Sample Multiplier: 1

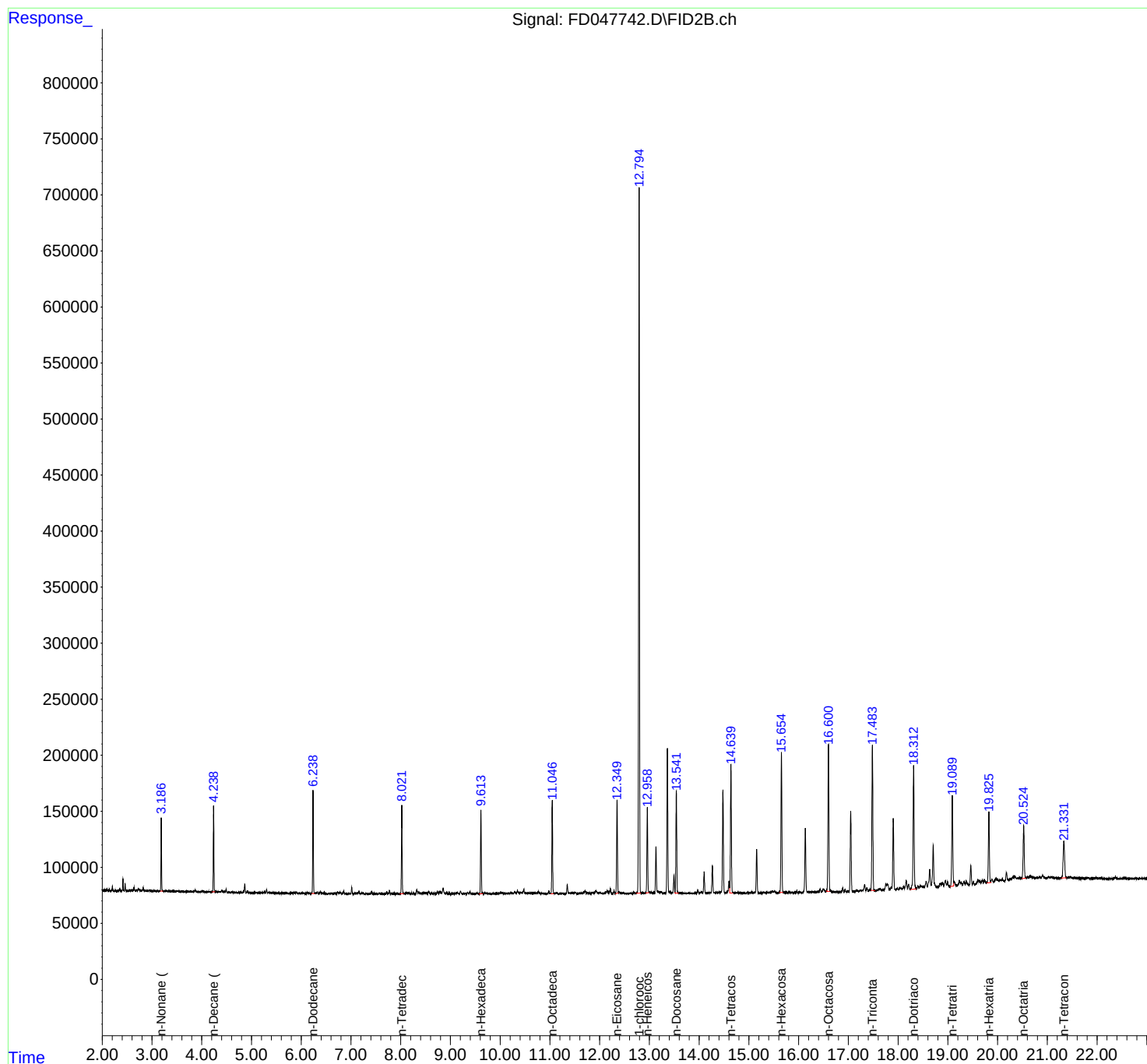
Instrument :
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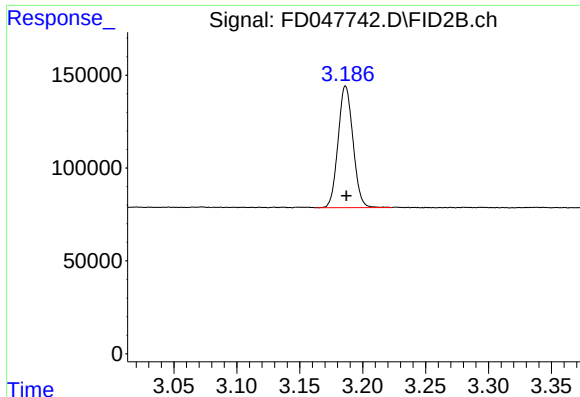
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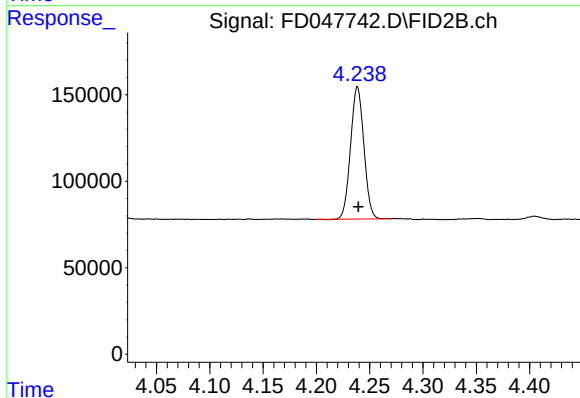
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 539482
Conc: 2.80 ug/ml

Instrument :
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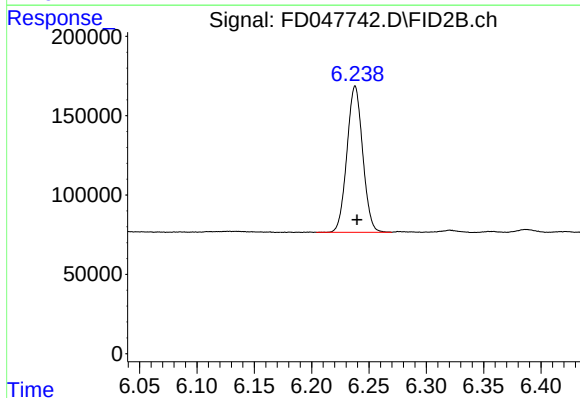
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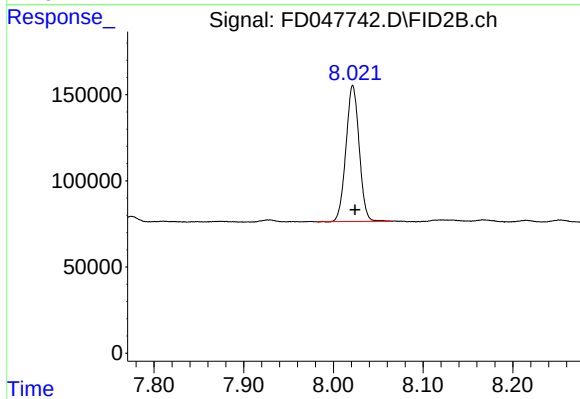
#2 n-Decane (C10)

R.T.: 4.239 min
Delta R.T.: 0.000 min
Response: 664411
Conc: 3.36 ug/ml



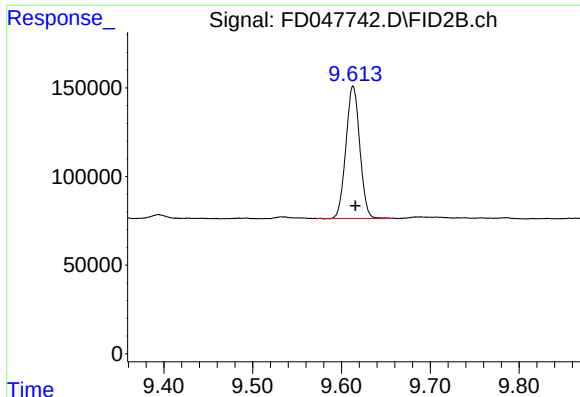
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 879131
Conc: 4.43 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 808454
Conc: 4.14 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.613 min
Delta R.T.: -0.003 min
Response: 810749
Conc: 4.04 ug/ml

Instrument :

FID_D

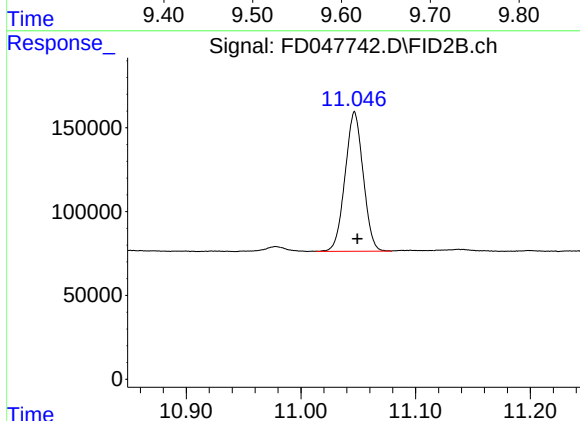
ClientSampleId :

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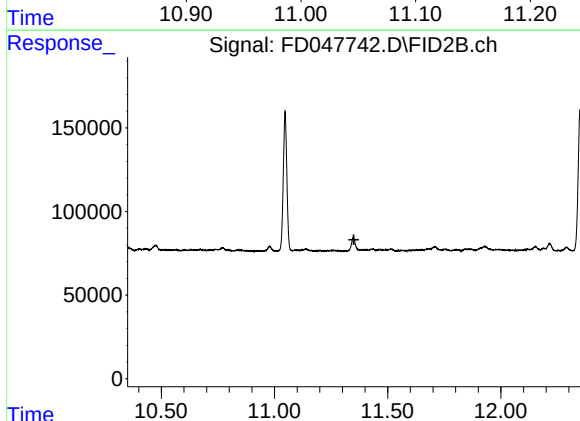
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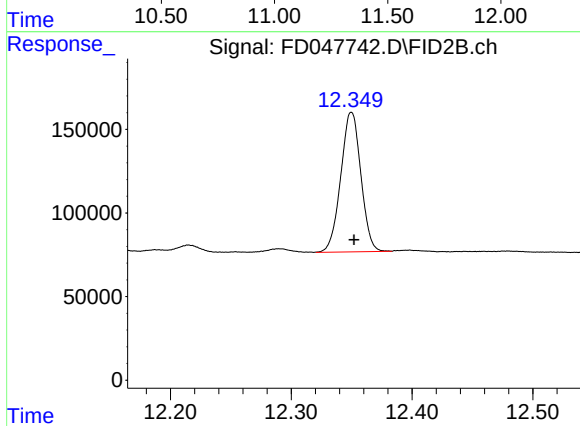
#8 n-Octadecane (C18)

R.T.: 11.047 min
Delta R.T.: -0.003 min
Response: 911060
Conc: 4.49 ug/ml



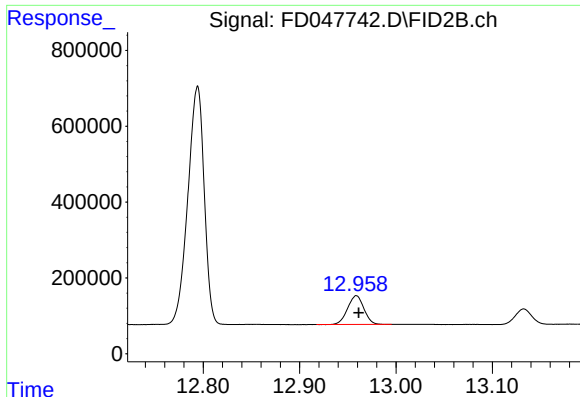
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.351 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.350 min
Delta R.T.: -0.002 min
Response: 965887
Conc: 4.95 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 892196
Conc: 4.64 ug/ml

Instrument :

FID_D

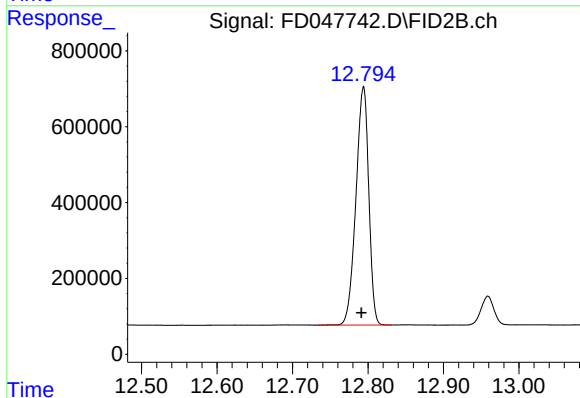
ClientSampleId :

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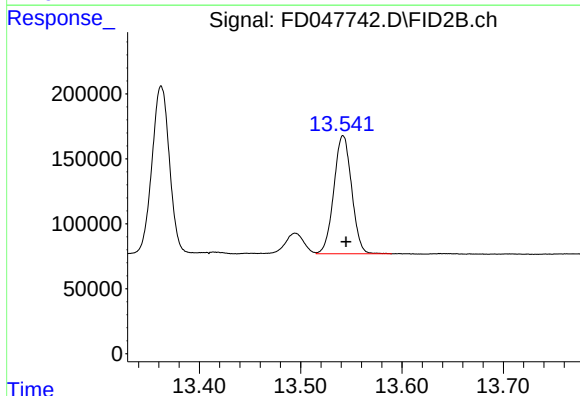
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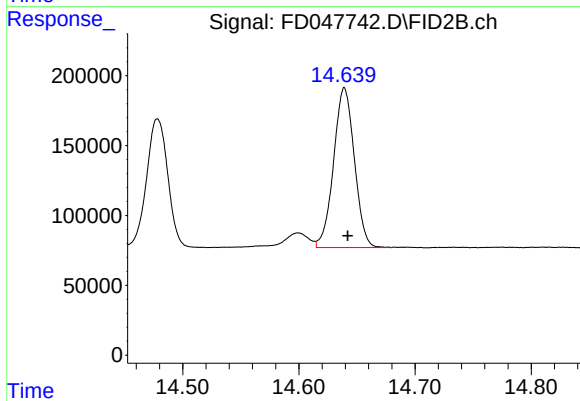
#12 1-chlorooctadecane (SURR)

R.T.: 12.794 min
Delta R.T.: 0.003 min
Response: 7406698
Conc: 45.45 ug/ml



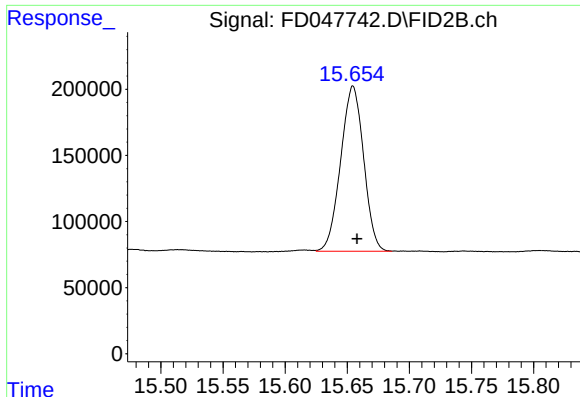
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.003 min
Response: 1110454
Conc: 5.84 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.003 min
Response: 1420604
Conc: 7.56 ug/ml



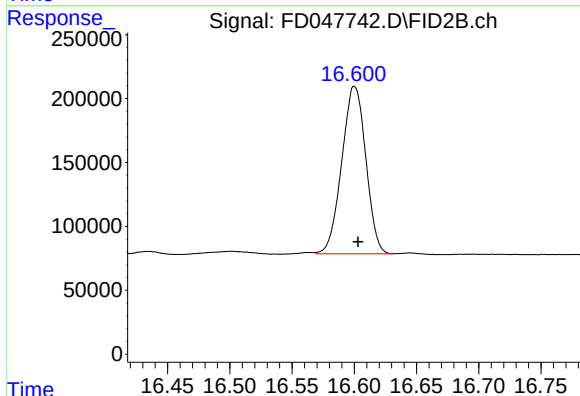
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: -0.004 min
Response: 1606295
Conc: 8.87 ug/ml

Instrument :
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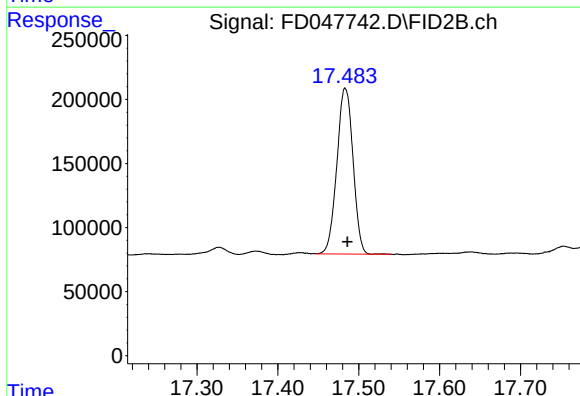
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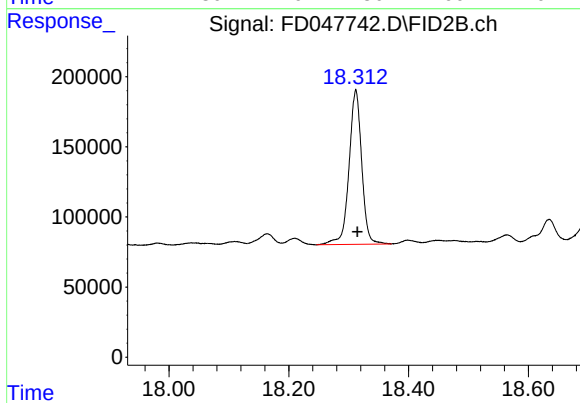
#16 n-Octacosane (C28)

R.T.: 16.600 min
Delta R.T.: -0.004 min
Response: 1764781
Conc: 10.13 ug/ml m



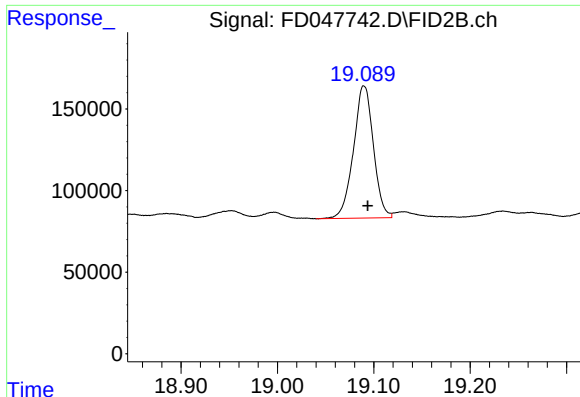
#17 n-Tricontane (C30)

R.T.: 17.483 min
Delta R.T.: -0.003 min
Response: 1796828
Conc: 10.30 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.312 min
Delta R.T.: -0.003 min
Response: 1616302
Conc: 9.49 ug/ml



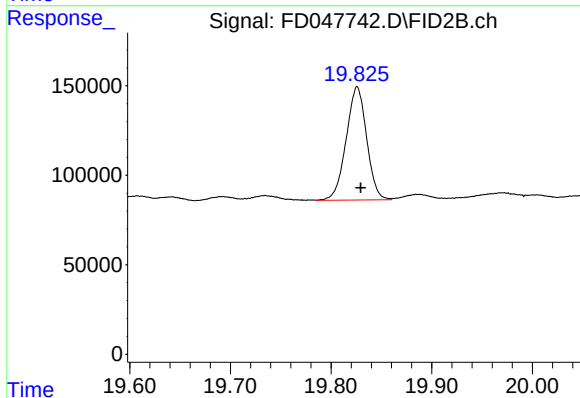
#19 n-Tetratriacontane (C34)

R.T.: 19.090 min
Delta R.T.: -0.004 min
Response: 1164406
Conc: 7.22 ug/ml

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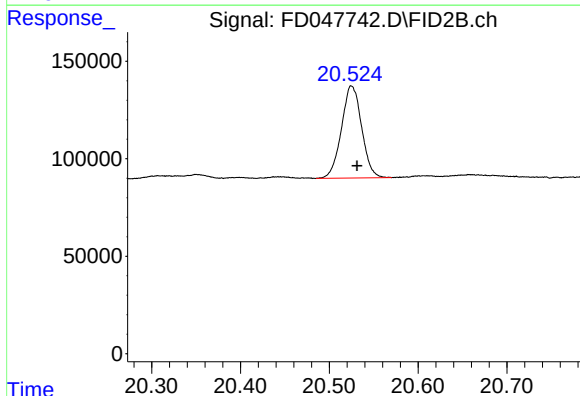
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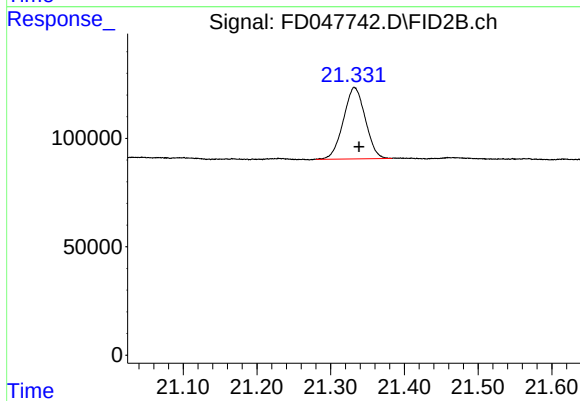
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min
Delta R.T.: -0.003 min
Response: 893673
Conc: 5.85 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.525 min
Delta R.T.: -0.006 min
Response: 746366
Conc: 5.08 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.331 min
Delta R.T.: -0.007 min
Response: 681197
Conc: 4.80 ug/ml m