

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD051324AL\
 Data File : FD047741.D
 Signal(s) : FID2B.ch
 Acq On : 13 May 2024 17:02
 Operator : YP/AJ
 Sample : P2403-01
 Misc :
 ALS Vial : 65 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOD-MDL-SOIL-01-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 03:30:11 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...	12.793	7560124	46.394 ug/ml
Spiked Amount 50.000		Recovery =	92.79%
Target Compounds			
1) T n-Nonane (C9)	3.187	428460	2.225 ug/ml
2) T n-Decane (C10)	4.238	539256	2.724 ug/ml
4) T n-Dodecane (C12)	6.238	749359	3.773 ug/ml
6) T n-Tetradecane (C14)	8.022	686058	3.513 ug/ml
7) T n-Hexadecane (C16)	9.614	672015	3.349 ug/ml
8) T n-Octadecane (C18)	11.047	737424	3.631 ug/ml
10) T n-Eicosane (C20)	12.350	740763	3.794 ug/ml
11) T n-Heneicosane (C21)	12.959	714254	3.713 ug/ml
13) T n-Docosane (C22)	13.542	756459	3.975 ug/ml
14) T n-Tetracosane (C24)	14.639	755211	4.017 ug/ml
15) T n-Hexacosane (C26)	15.654	727058	4.014 ug/mlm
16) T n-Octacosane (C28)	16.599	706380	4.053 ug/ml
17) T n-Tricontane (C30)	17.482	717371	4.111 ug/ml
18) T n-Dotriacontane (C32)	18.310	719630	4.227 ug/ml
19) T n-Tetratriacontane (C34)	19.090	671371	4.163 ug/ml
20) T n-Hexatriacontane (C36)	19.826	595388	3.895 ug/ml
21) T n-Octatriacontane (C38)	20.527	558275	3.797 ug/ml
22) T n-Tetracontane (C40)	21.333	527563	3.720 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP/AJ
Sample : P2403-01
Misc :
ALS Vial : 65 Sample Multiplier: 1

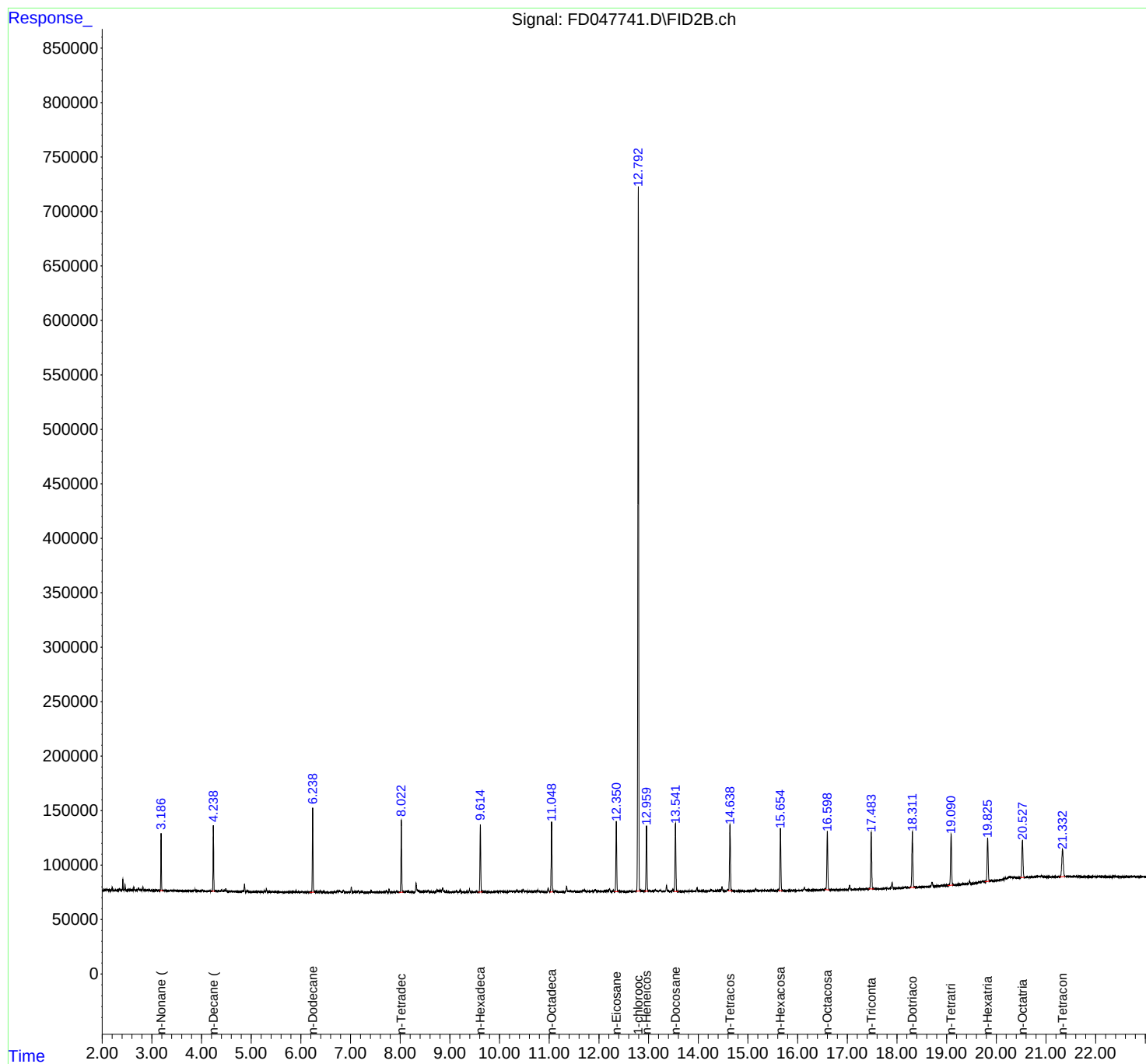
Instrument :
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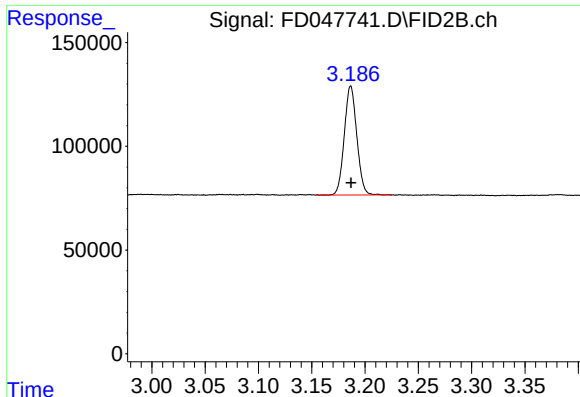
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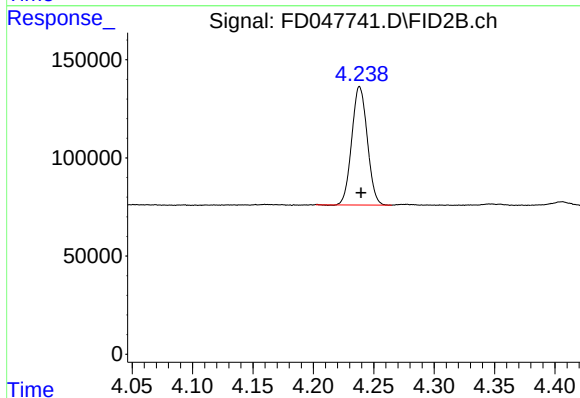
#1 n-Nonane (C9)

R.T.: 3.187 min
Delta R.T.: 0.000 min
Response: 428460
Conc: 2.23 ug/ml

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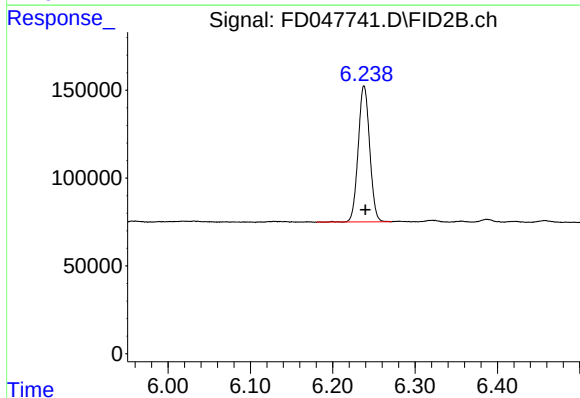
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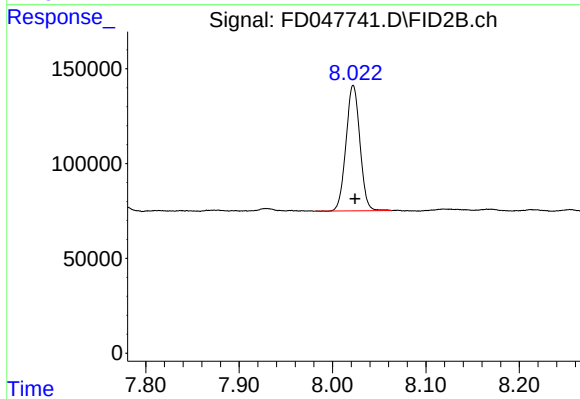
#2 n-Decane (C10)

R.T.: 4.238 min
Delta R.T.: -0.001 min
Response: 539256
Conc: 2.72 ug/ml



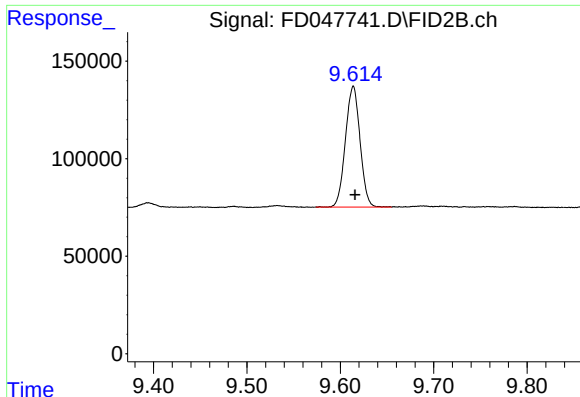
#4 n-Dodecane (C12)

R.T.: 6.238 min
Delta R.T.: -0.002 min
Response: 749359
Conc: 3.77 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.022 min
Delta R.T.: -0.002 min
Response: 686058
Conc: 3.51 ug/ml



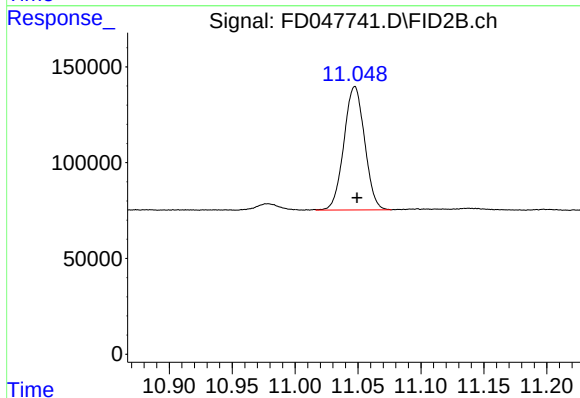
#7 n-Hexadecane (C16)

R.T.: 9.614 min
Delta R.T.: -0.002 min
Response: 672015
Conc: 3.35 ug/ml

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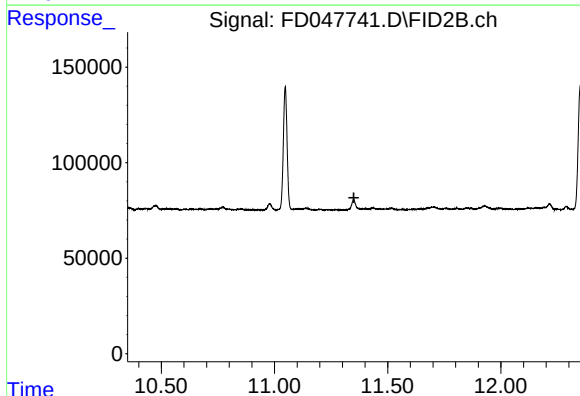
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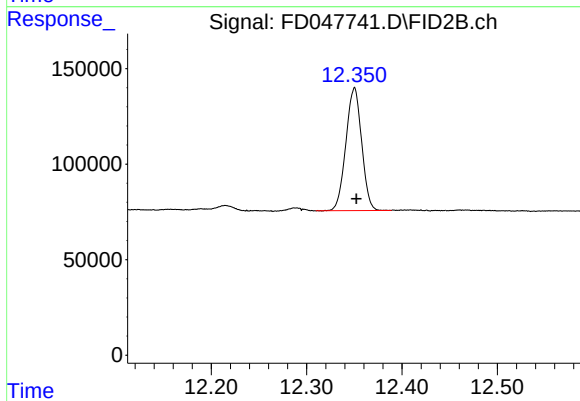
#8 n-Octadecane (C18)

R.T.: 11.047 min
Delta R.T.: -0.002 min
Response: 737424
Conc: 3.63 ug/ml



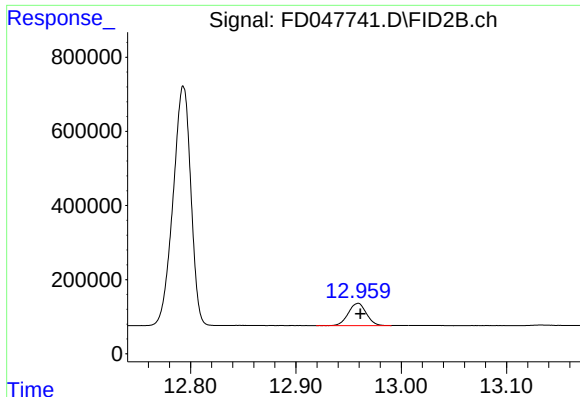
#9 ortho-Terphenyl (SURR)

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: 740763
Conc: 3.79 ug/ml



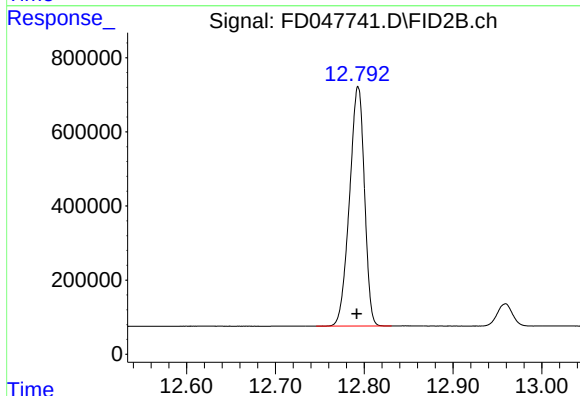
#11 n-Heneicosane (C21)

R.T.: 12.959 min
Delta R.T.: -0.002 min
Response: 714254
Conc: 3.71 ug/ml

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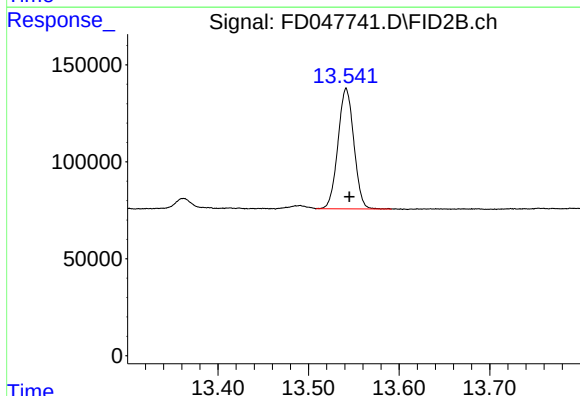
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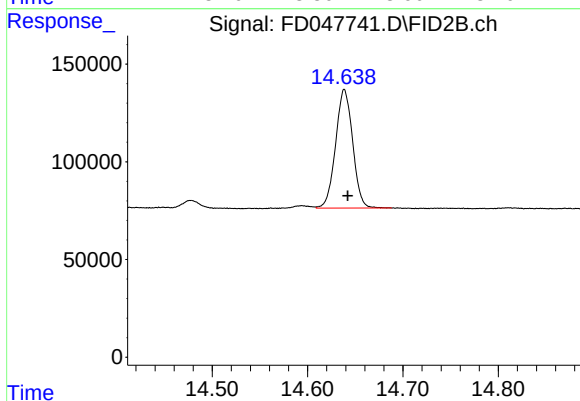
#12 1-chlorooctadecane (SURR)

R.T.: 12.793 min
Delta R.T.: 0.002 min
Response: 7560124
Conc: 46.39 ug/ml



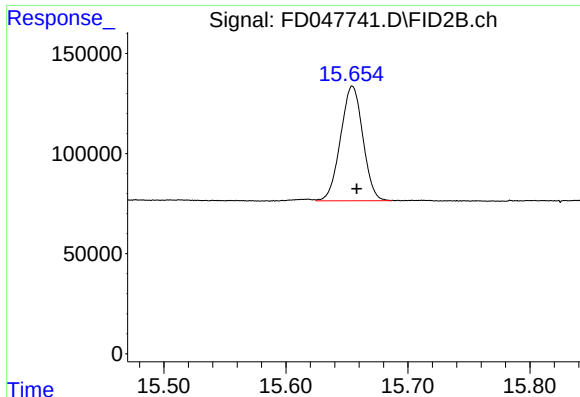
#13 n-Docosane (C22)

R.T.: 13.542 min
Delta R.T.: -0.003 min
Response: 756459
Conc: 3.98 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.639 min
Delta R.T.: -0.003 min
Response: 755211
Conc: 4.02 ug/ml



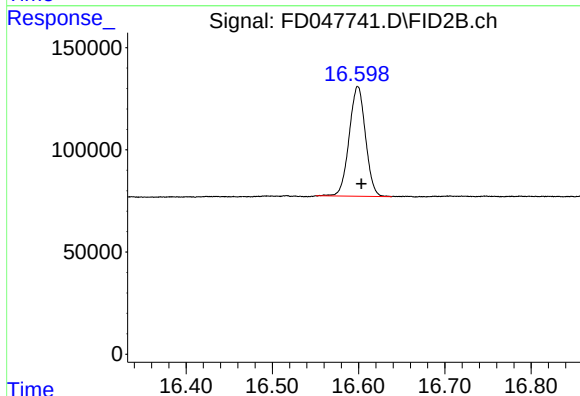
#15 n-Hexacosane (C26)

R.T.: 15.654 min
Delta R.T.: -0.004 min
Response: 727058
Conc: 4.01 ug/ml

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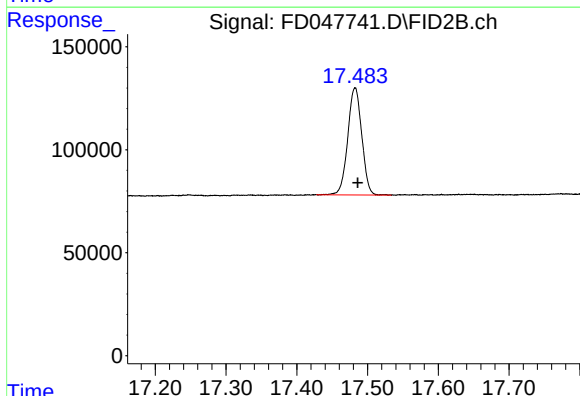
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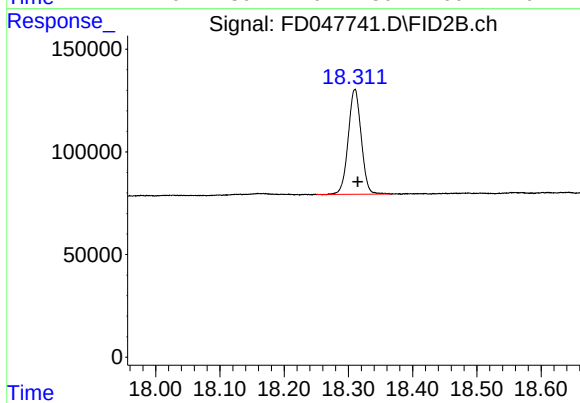
#16 n-Octacosane (C28)

R.T.: 16.599 min
Delta R.T.: -0.004 min
Response: 706380
Conc: 4.05 ug/ml



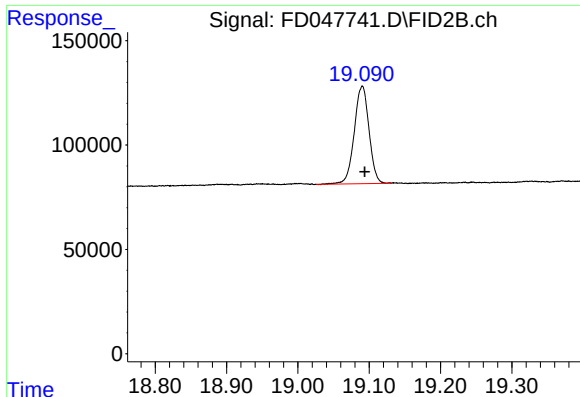
#17 n-Tricontane (C30)

R.T.: 17.482 min
Delta R.T.: -0.004 min
Response: 717371
Conc: 4.11 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.310 min
Delta R.T.: -0.005 min
Response: 719630
Conc: 4.23 ug/ml



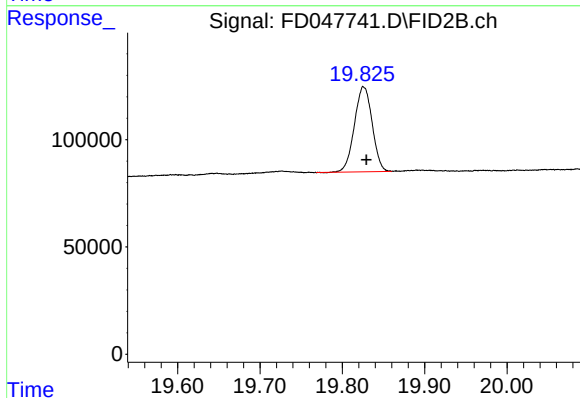
#19 n-Tetratriacontane (C34)

R.T.: 19.090 min
Delta R.T.: -0.003 min
Response: 671371
Conc: 4.16 ug/ml

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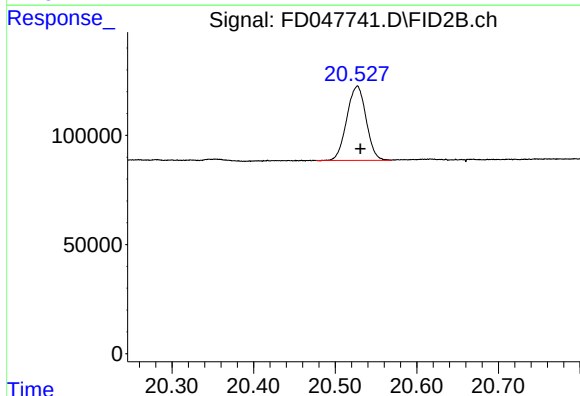
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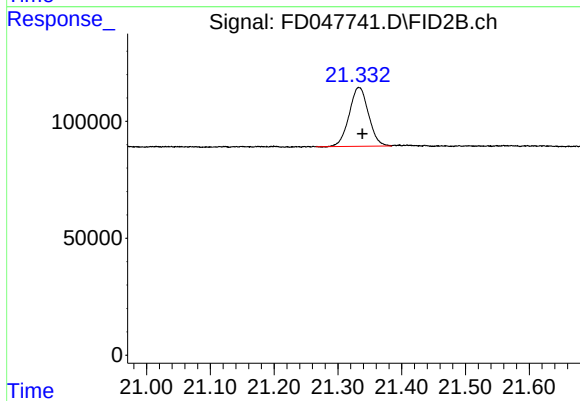
#20 n-Hexatriacontane (C36)

R.T.: 19.826 min
Delta R.T.: -0.004 min
Response: 595388
Conc: 3.89 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.527 min
Delta R.T.: -0.004 min
Response: 558275
Conc: 3.80 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.333 min
Delta R.T.: -0.006 min
Response: 527563
Conc: 3.72 ug/ml