

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD100923AL\
 Data File : FD046692.D
 Signal(s) : FID2B.ch
 Acq On : 09 Oct 2023 15:49
 Operator : YP/AJ
 Sample : 04699-02
 Misc :
 ALS Vial : 62 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 LOQ-SOIL-02-QT4-2023

Manual Integrations
 APPROVED

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

Integration File: autoint1.e
 Quant Time: Oct 09 23:47:33 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 091523.M
 Quant Title : GC Extractables
 QLast Update : Fri Sep 15 05:12:31 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...	12.818	6006983	38.121 ug/ml
Spiked Amount 50.000		Recovery =	76.24%
Target Compounds			
1) T n-Nonane (C9)	3.217	579048	3.502 ug/ml
2) T n-Decane (C10)	4.268	725856	4.306 ug/ml
4) T n-Dodecane (C12)	6.268	829293	4.882 ug/ml
6) T n-Tetradecane (C14)	8.051	818482	4.837 ug/mlm
7) T n-Hexadecane (C16)	9.642	858669	4.860 ug/ml
8) T n-Octadecane (C18)	11.075	946186	5.161 ug/ml
10) T n-Eicosane (C20)	12.375	1016165	5.621 ug/ml
11) T n-Heneicosane (C21)	12.983	999793	5.560 ug/ml
13) T n-Docosane (C22)	13.565	1021003	5.653 ug/ml
14) T n-Tetracosane (C24)	14.661	1086956	5.930 ug/ml
15) T n-Hexacosane (C26)	15.674	1012899	5.661 ug/ml
16) T n-Octacosane (C28)	16.617	990914	5.741 ug/ml
17) T n-Tricontane (C30)	17.497	992729	5.774 ug/ml
18) T n-Dotriacontane (C32)	18.323	948789	5.802 ug/ml
19) T n-Tetratriacontane (C34)	19.099	860669	5.522 ug/ml
20) T n-Hexatriacontane (C36)	19.832	770364	5.479 ug/ml
21) T n-Octatriacontane (C38)	20.533	715099	5.341 ug/ml
22) T n-Tetracontane (C40)	21.345	655562	5.186 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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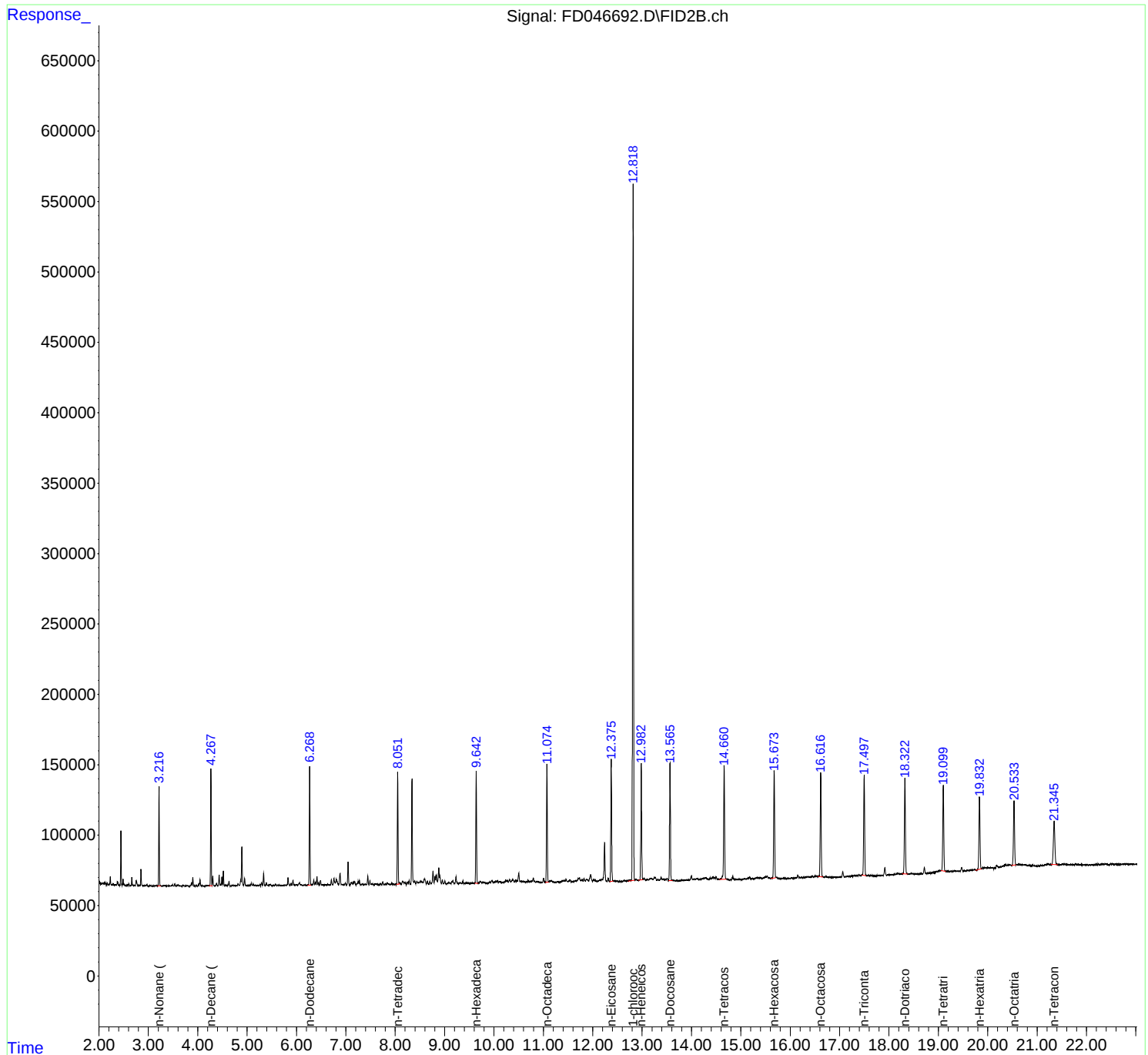
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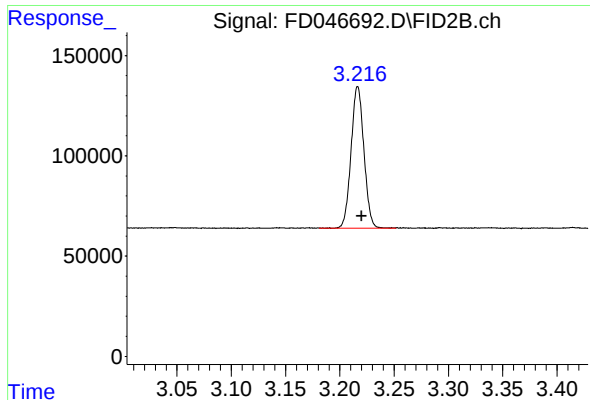
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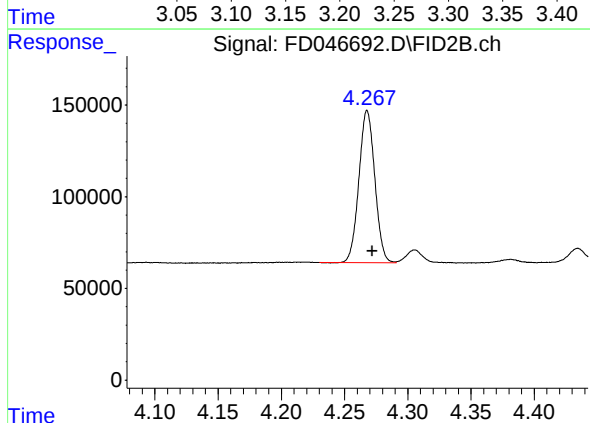
#1 n-Nonane (C9)

R.T.: 3.217 min
Delta R.T.: -0.003 min
Response: 579048
Conc: 3.50 ug/ml

Instrument :
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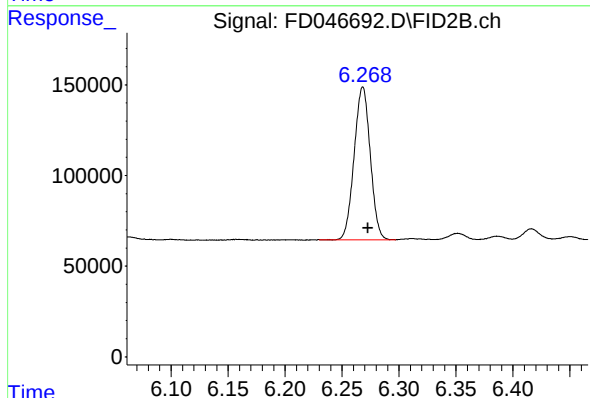
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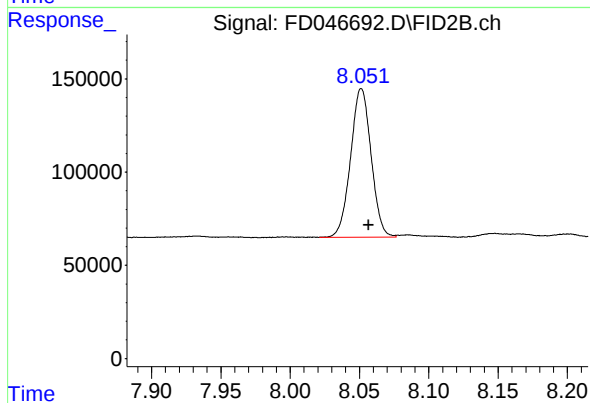
#2 n-Decane (C10)

R.T.: 4.268 min
Delta R.T.: -0.004 min
Response: 725856
Conc: 4.31 ug/ml



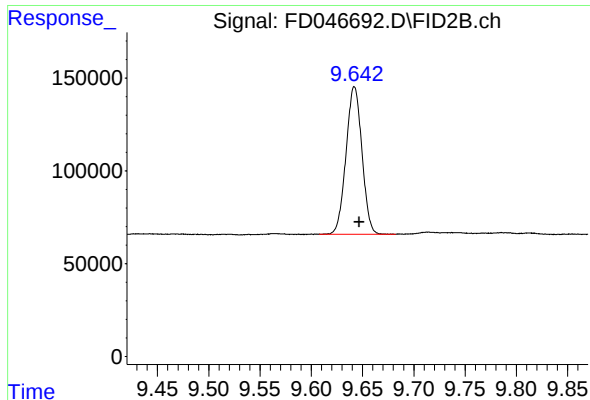
#4 n-Dodecane (C12)

R.T.: 6.268 min
Delta R.T.: -0.005 min
Response: 829293
Conc: 4.88 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.051 min
Delta R.T.: -0.006 min
Response: 818482
Conc: 4.84 ug/ml m



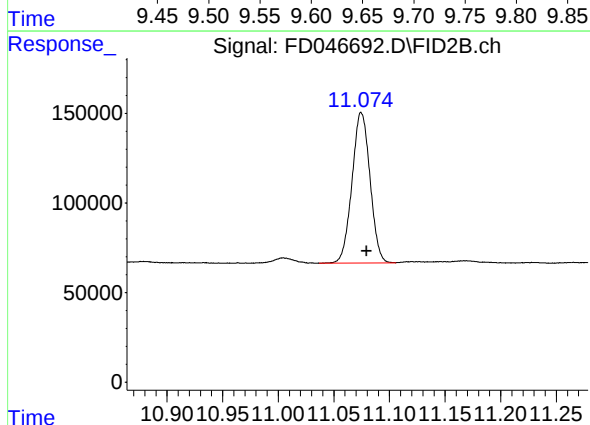
#7 n-Hexadecane (C16)

R.T.: 9.642 min
Delta R.T.: -0.005 min
Response: 858669
Conc: 4.86 ug/ml

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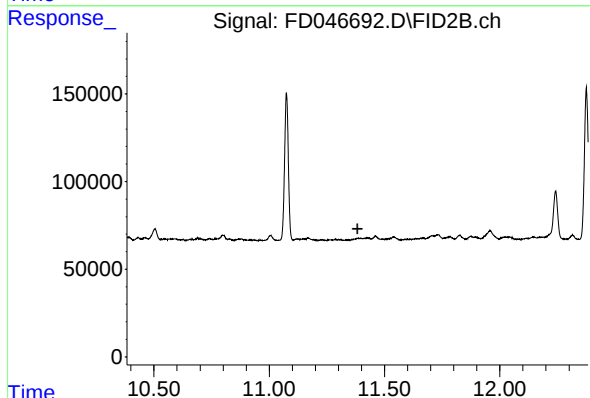
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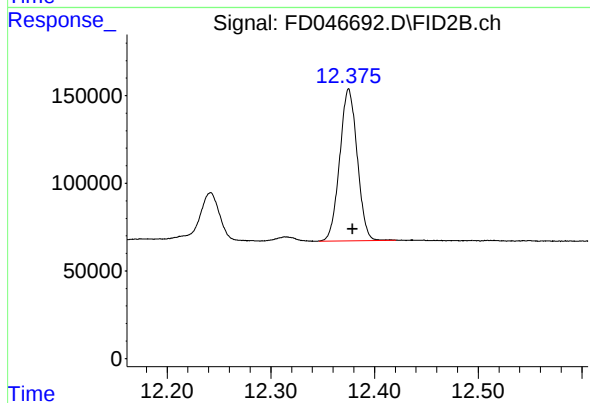
#8 n-Octadecane (C18)

R.T.: 11.075 min
Delta R.T.: -0.005 min
Response: 946186
Conc: 5.16 ug/ml



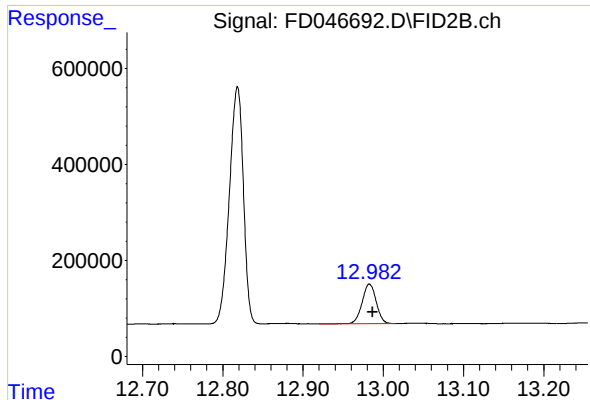
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T.: 11.383 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.375 min
Delta R.T.: -0.004 min
Response: 1016165
Conc: 5.62 ug/ml



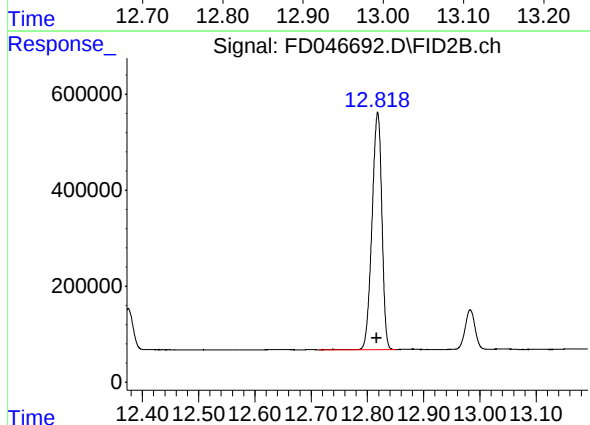
#11 n-Heneicosane (C21)

R.T.: 12.983 min
Delta R.T.: -0.004 min
Response: 999793
Conc: 5.56 ug/ml

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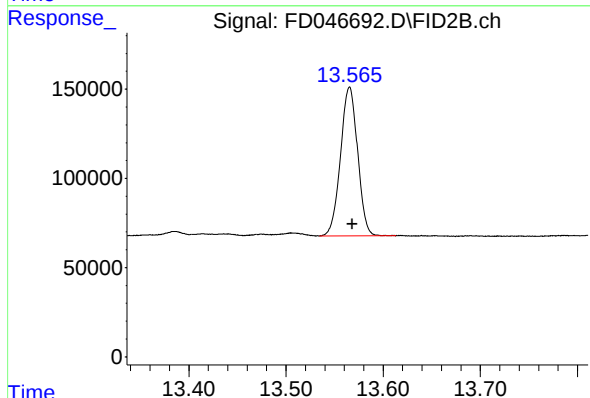
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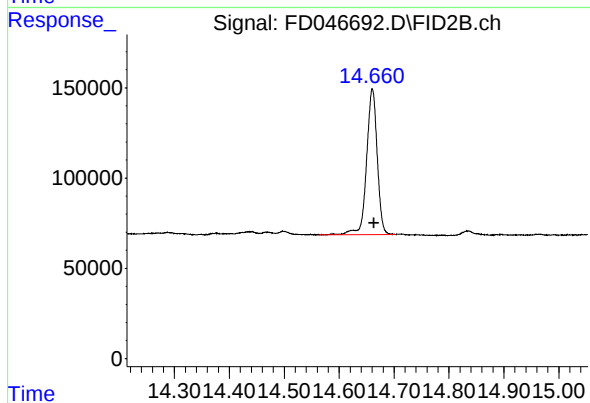
#12 1-chlorooctadecane (SURR)

R.T.: 12.818 min
Delta R.T.: 0.002 min
Response: 6006983
Conc: 38.12 ug/ml



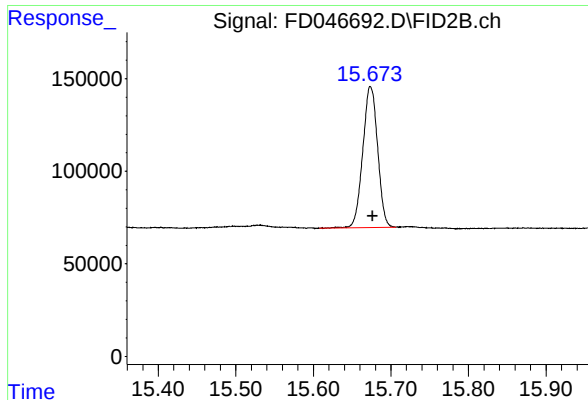
#13 n-Docosane (C22)

R.T.: 13.565 min
Delta R.T.: -0.003 min
Response: 1021003
Conc: 5.65 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.661 min
Delta R.T.: -0.003 min
Response: 1086956
Conc: 5.93 ug/ml



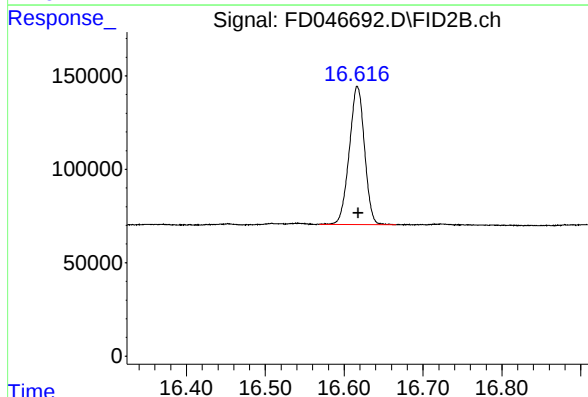
#15 n-Hexacosane (C26)

R.T.: 15.674 min
Delta R.T.: -0.003 min
Response: 1012899
Conc: 5.66 ug/ml

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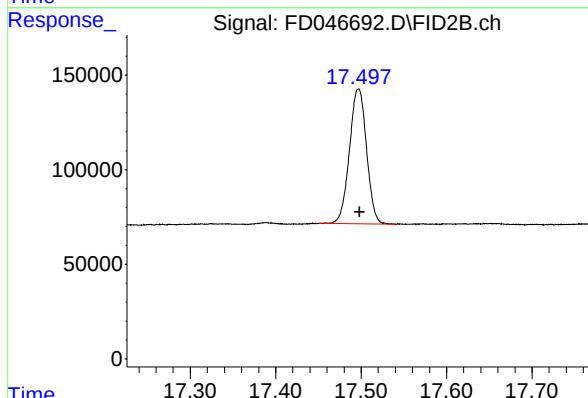
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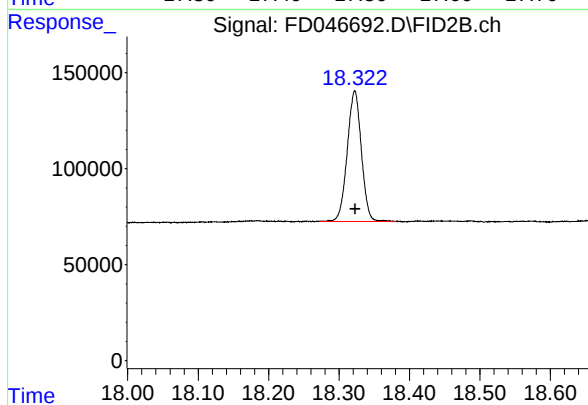
#16 n-Octacosane (C28)

R.T.: 16.617 min
Delta R.T.: -0.001 min
Response: 990914
Conc: 5.74 ug/ml



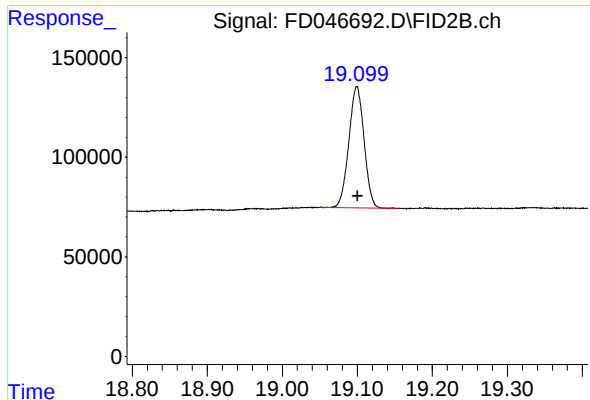
#17 n-Tricontane (C30)

R.T.: 17.497 min
Delta R.T.: -0.002 min
Response: 992729
Conc: 5.77 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.323 min
Delta R.T.: 0.000 min
Response: 948789
Conc: 5.80 ug/ml



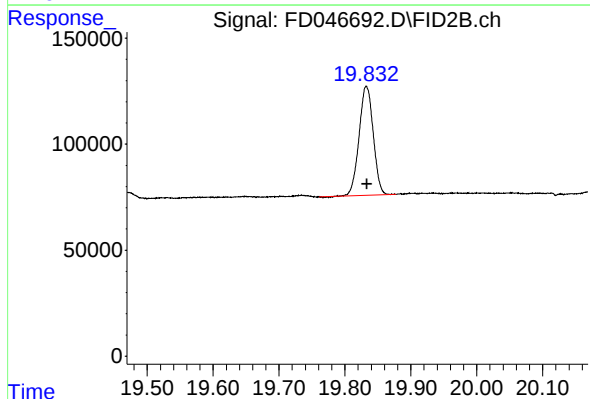
#19 n-Tetratriacontane (C34)

R.T.: 19.099 min
Delta R.T.: 0.000 min
Response: 860669
Conc: 5.52 ug/ml

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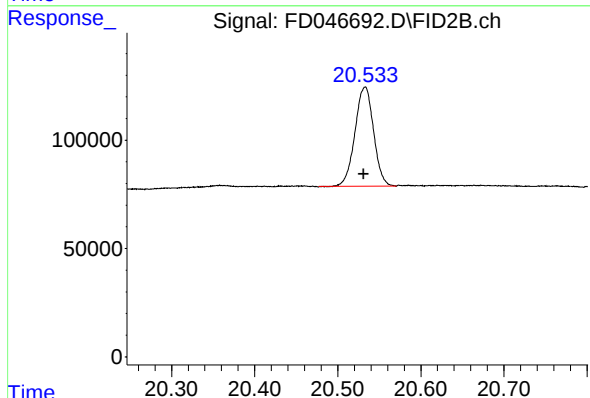
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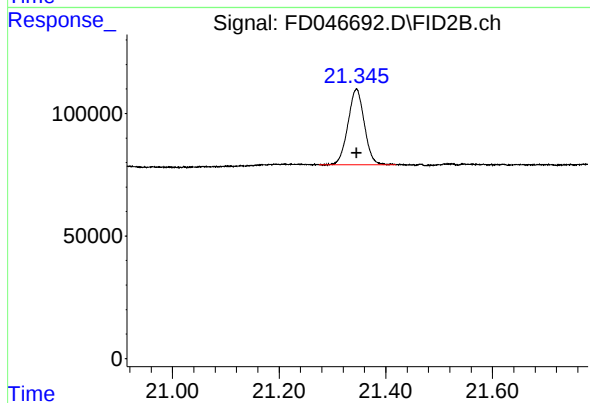
#20 n-Hexatriacontane (C36)

R.T.: 19.832 min
Delta R.T.: -0.001 min
Response: 770364
Conc: 5.48 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.533 min
Delta R.T.: 0.002 min
Response: 715099
Conc: 5.34 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.345 min
Delta R.T.: 0.000 min
Response: 655562
Conc: 5.19 ug/ml