

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD122921AL\
 Data File : FD040259.D
 Signal(s) : FID2B.CH
 Acq On : 29 Dec 2021 15:33
 Operator : AJ\MA
 Sample : PB141625BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB141625BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 12/30/2021

Supervised By :Ankita Jodhani 12/30/2021

Integration File: autoint1.e

Quant Time: Dec 30 00:46:45 2021

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 122821.M

Quant Title : GC Extractables

QLast Update : Wed Dec 29 02:26:30 2021

Response via : Initial Calibration

Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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...	12.146	2342634	19.425 ug/ml
Spiked Amount 50.000		Recovery =	38.85%
Target Compounds			
1) T n-Nonane (C9)	2.640	2962979	22.579 ug/ml
2) T n-Decane (C10)	3.633	3629282	27.418 ug/ml
4) T n-Dodecane (C12)	5.607	4157450	31.304 ug/ml
6) T n-Tetradecane (C14)	7.385	4453754	32.215 ug/ml
7) T n-Hexadecane (C16)	8.974	4863140	35.467 ug/ml
8) T n-Octadecane (C18)	10.406	5165304	36.577 ug/ml
10) T n-Eicosane (C20)	11.709	5204360	37.226 ug/ml
11) T n-Heneicosane (C21)	12.317	5209923	36.823 ug/ml
13) T n-Docosane (C22)	12.900	5201832	37.066 ug/ml
14) T n-Tetracosane (C24)	13.996	5122178	36.481 ug/ml
15) T n-Hexacosane (C26)	15.012	4965531	36.111 ug/ml
16) T n-Octacosane (C28)	15.957	4783154	35.161 ug/ml
17) T n-Tricontane (C30)	16.840	4571417	34.159 ug/ml
18) T n-Dotriacontane (C32)	17.669	4295386	33.183 ug/ml
19) T n-Tetratriacontane (C34)	18.448	4065271	33.530 ug/ml
20) T n-Hexatriacontane (C36)	19.183	3731085	35.011 ug/mlm
21) T n-Octatriacontane (C38)	19.888	3489699	37.789 ug/mlm
22) T n-Tetracontane (C40)	20.720	3405977	43.742 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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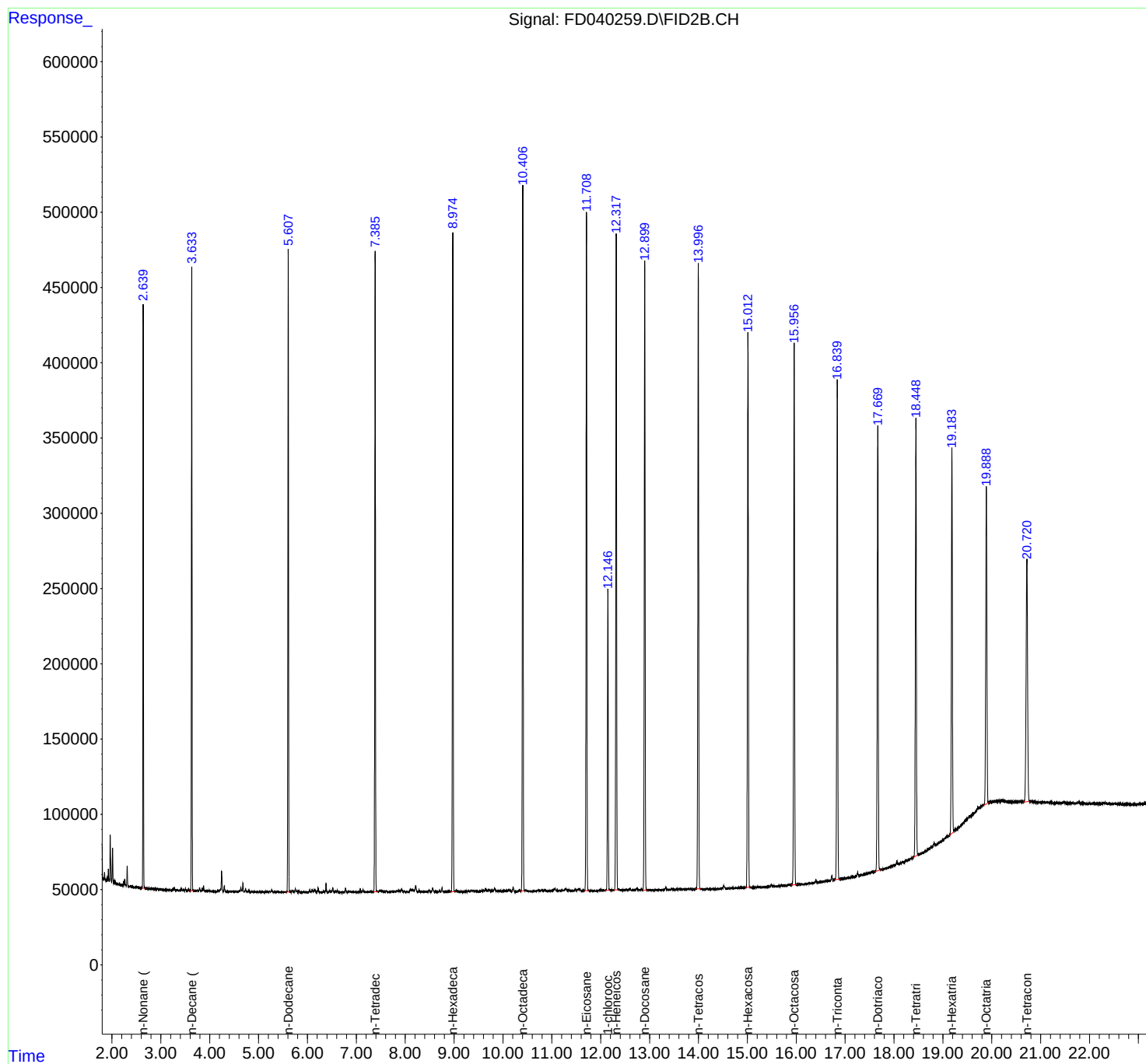
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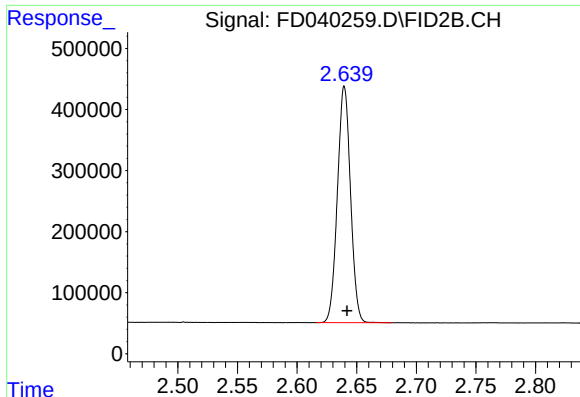
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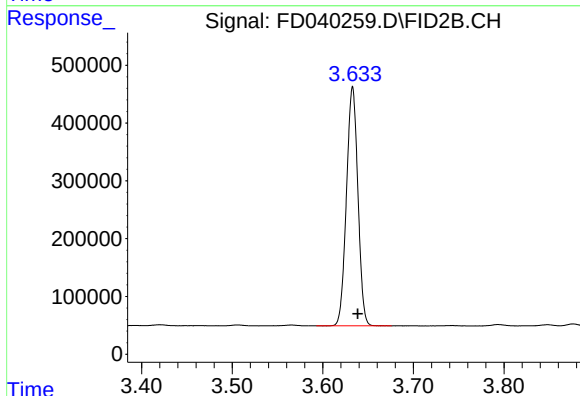
#1 n-Nonane (C9)

R.T.: 2.640 min
Delta R.T.: -0.002 min
Response: 2962979
Conc: 22.58 ug/ml

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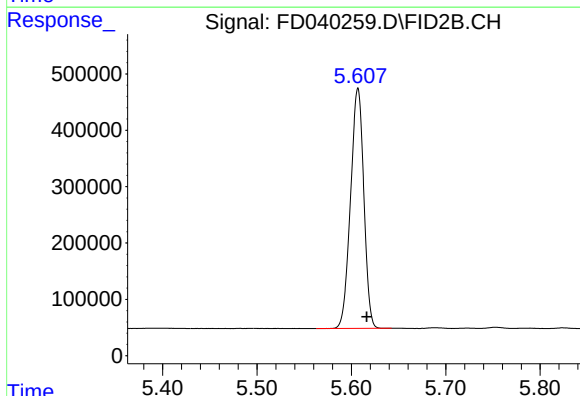
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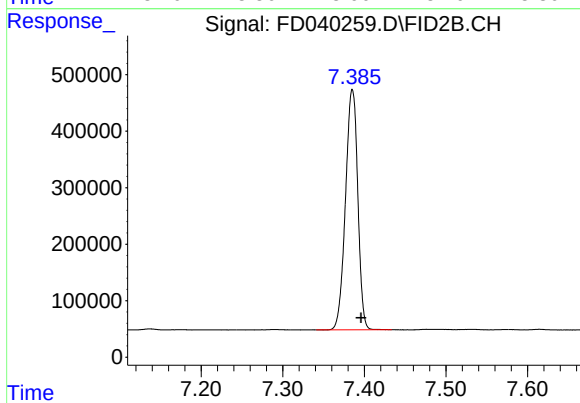
#2 n-Decane (C10)

R.T.: 3.633 min
Delta R.T.: -0.006 min
Response: 3629282
Conc: 27.42 ug/ml



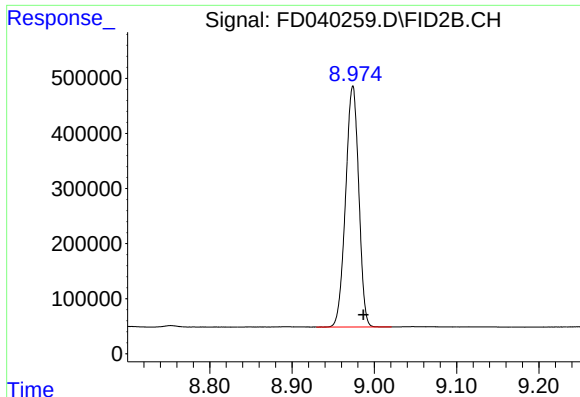
#4 n-Dodecane (C12)

R.T.: 5.607 min
Delta R.T.: -0.009 min
Response: 4157450
Conc: 31.30 ug/ml



#6 n-Tetradecane (C14)

R.T.: 7.385 min
Delta R.T.: -0.011 min
Response: 4453754
Conc: 32.21 ug/ml



#7 n-Hexadecane (C16)

R.T.: 8.974 min
Delta R.T.: -0.013 min
Response: 4863140
Conc: 35.47 ug/ml

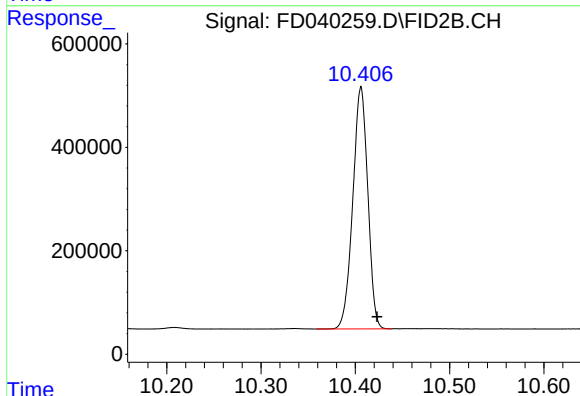
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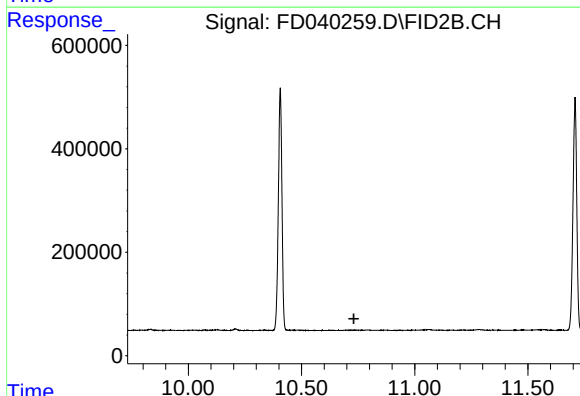
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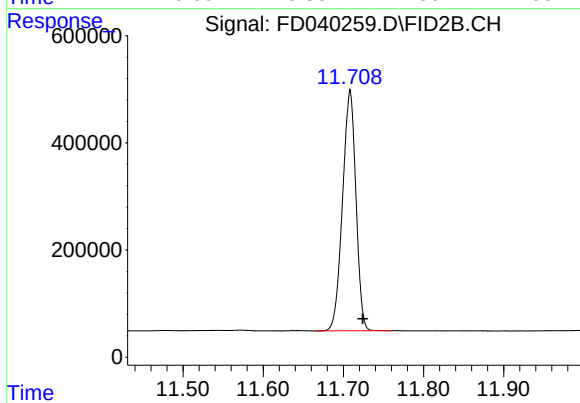
#8 n-Octadecane (C18)

R.T.: 10.406 min
Delta R.T.: -0.017 min
Response: 5165304
Conc: 36.58 ug/ml



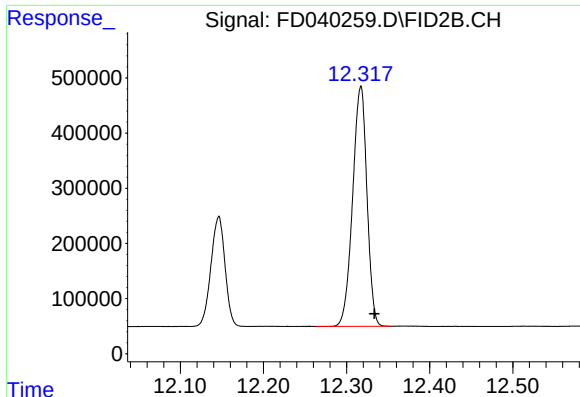
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 10.731 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 11.709 min
Delta R.T.: -0.016 min
Response: 5204360
Conc: 37.23 ug/ml



#11 n-Heneicosane (C21)

R.T.: 12.317 min
Delta R.T.: -0.016 min
Response: 5209923
Conc: 36.82 ug/ml

Instrument :

FID_D

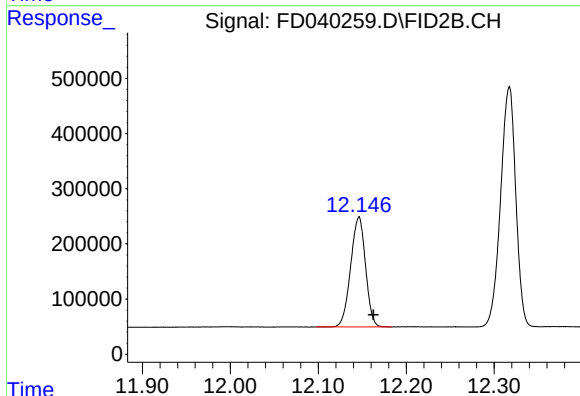
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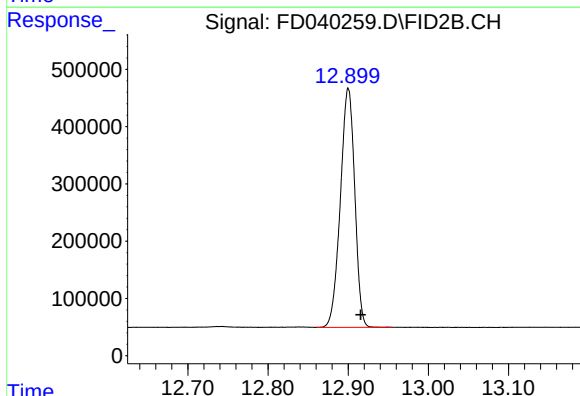
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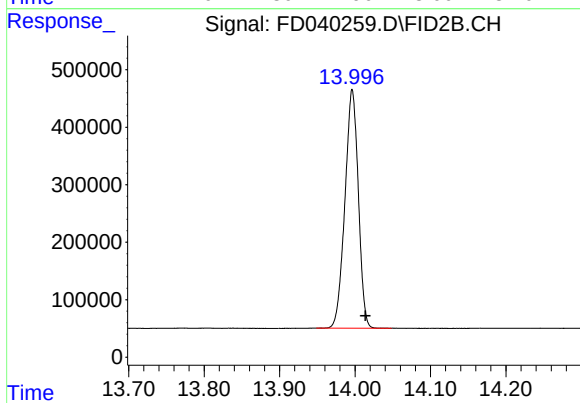
#12 1-chlorooctadecane (SURR)

R.T.: 12.146 min
Delta R.T.: -0.016 min
Response: 2342634
Conc: 19.43 ug/ml



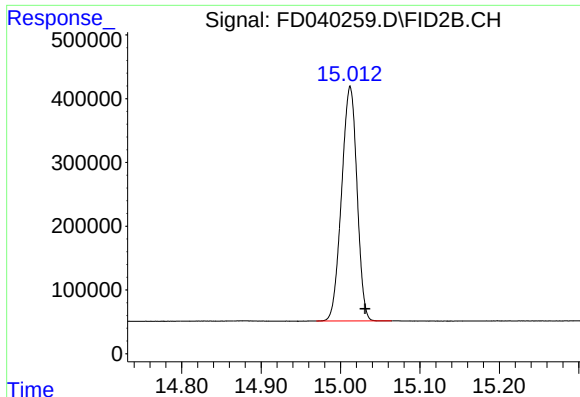
#13 n-Docosane (C22)

R.T.: 12.900 min
Delta R.T.: -0.015 min
Response: 5201832
Conc: 37.07 ug/ml



#14 n-Tetracosane (C24)

R.T.: 13.996 min
Delta R.T.: -0.018 min
Response: 5122178
Conc: 36.48 ug/ml



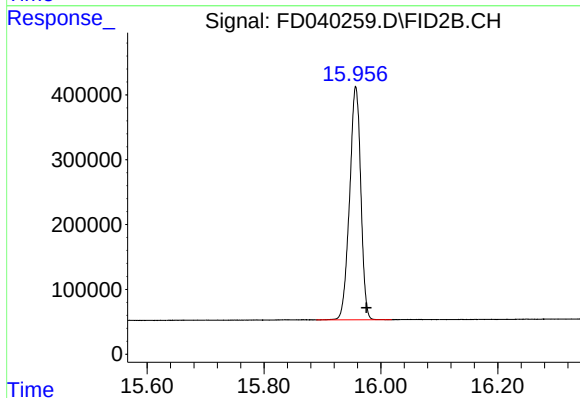
#15 n-Hexacosane (C26)

R.T.: 15.012 min
Delta R.T.: -0.019 min
Response: 4965531
Conc: 36.11 ug/ml

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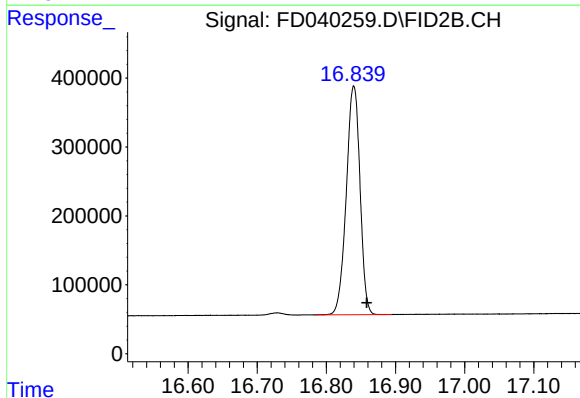
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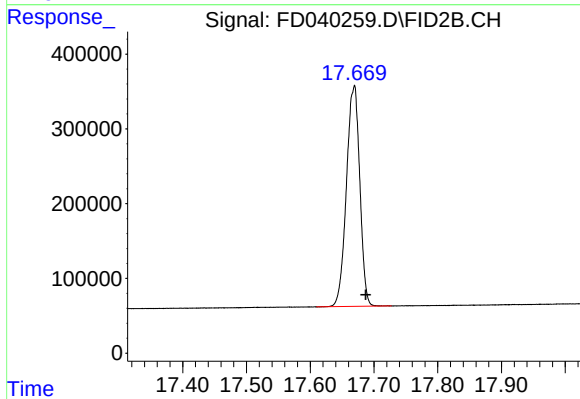
#16 n-Octacosane (C28)

R.T.: 15.957 min
Delta R.T.: -0.018 min
Response: 4783154
Conc: 35.16 ug/ml



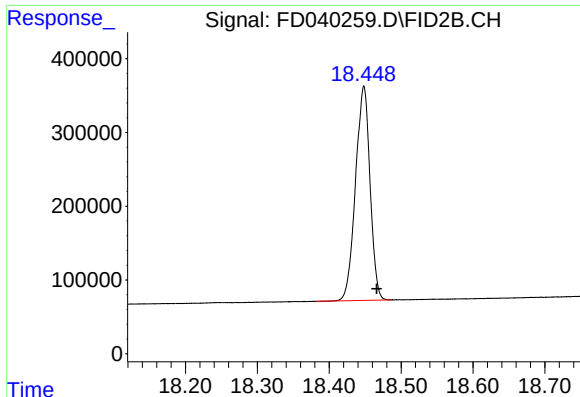
#17 n-Tricontane (C30)

R.T.: 16.840 min
Delta R.T.: -0.019 min
Response: 4571417
Conc: 34.16 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 17.669 min
Delta R.T.: -0.018 min
Response: 4295386
Conc: 33.18 ug/ml



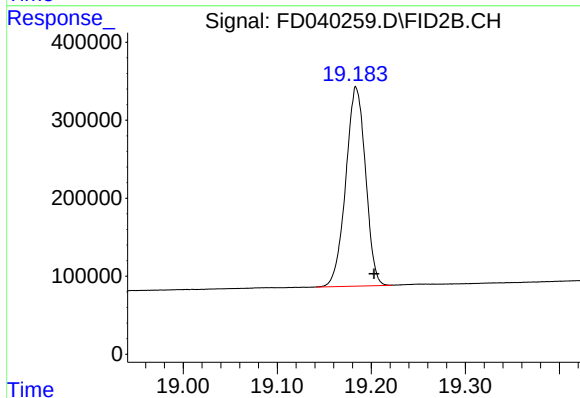
#19 n-Tetratriacontane (C34)

R.T.: 18.448 min
Delta R.T.: -0.018 min
Response: 4065271
Conc: 33.53 ug/ml

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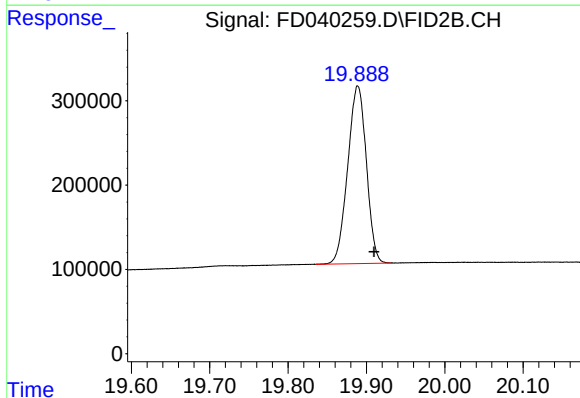
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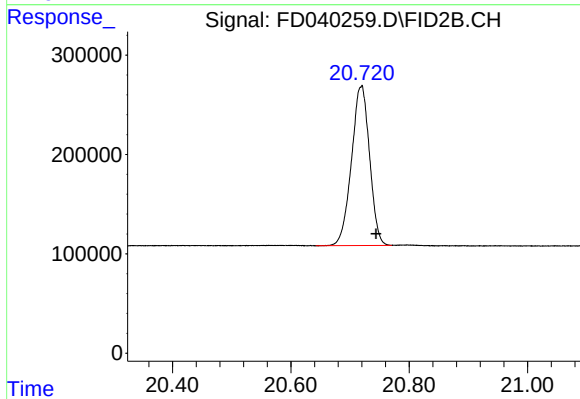
#20 n-Hexatriacontane (C36)

R.T.: 19.183 min
Delta R.T.: -0.020 min
Response: 3731085
Conc: 35.01 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.888 min
Delta R.T.: -0.022 min
Response: 3489699
Conc: 37.79 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 20.720 min
Delta R.T.: -0.024 min
Response: 3405977
Conc: 43.74 ug/ml