

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD012622AL\
 Data File : FD040785.D
 Signal(s) : FID2B.CH
 Acq On : 26 Jan 2022 16:23
 Operator : AJ\MA
 Sample : PB142284BS
 Misc :
 ALS Vial : 55 Sample Multiplier: 1

Instrument :

FID_D

ClientSampleId :

PB142284BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 01/27/2022

Supervised By :mohammad ahmed 01/27/2022

Integration File: autoint1.e

Quant Time: Jan 27 02:09:56 2022

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 010422.M

Quant Title : GC Extractables

QLast Update : Wed Jan 05 07:08:39 2022

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			
9) S ortho-Terphenyl (SURR)	10.609	6237457	40.453 ug/ml
Spiked Amount 50.000		Recovery =	80.91%
12) S 1-chlorooctadecane (S...	12.046	4757252	40.416 ug/ml
Spiked Amount 50.000		Recovery =	80.83%
Target Compounds			
1) T n-Nonane (C9)	2.590	6767480	52.714 ug/ml
2) T n-Decane (C10)	3.563	7023493	54.544 ug/ml
3) T A~Naphthalene (C11.7)	5.082	7915158	55.712 ug/ml
4) T n-Dodecane (C12)	5.518	7158114	56.004 ug/ml
5) T A~2-methylnaphthalene...	6.119	7514809	53.269 ug/ml
6) T n-Tetradecane (C14)	7.294	7081787	54.669 ug/ml
7) T n-Hexadecane (C16)	8.878	7017675	53.864 ug/ml
8) T n-Octadecane (C18)	10.310	6838142	50.466 ug/ml
10) T n-Eicosane (C20)	11.611	6739364	49.547 ug/mlm
11) T n-Heneicosane (C21)	12.217	6320142	45.641 ug/ml
13) T n-Docosane (C22)	12.800	6203210	44.987 ug/ml
14) T n-Tetracosane (C24)	13.895	6137392	43.893 ug/ml
15) T n-Hexacosane (C26)	14.913	5930016	43.019 ug/ml
16) T n-Octacosane (C28)	15.855	6026884	44.418 ug/ml
17) T n-Tricontane (C30)	16.740	5849368	44.878 ug/ml
18) T n-Dotriacontane (C32)	17.566	5322400	44.522 ug/ml
19) T n-Tetratriacontane (C34)	18.344	4164228	39.549 ug/ml
20) T n-Hexatriacontane (C36)	19.078	2848244	28.108 ug/ml
21) T n-Octatriacontane (C38)	19.777	2062531	23.085 ug/ml
22) T n-Tetracontane (C40)	20.569	1711397	20.021 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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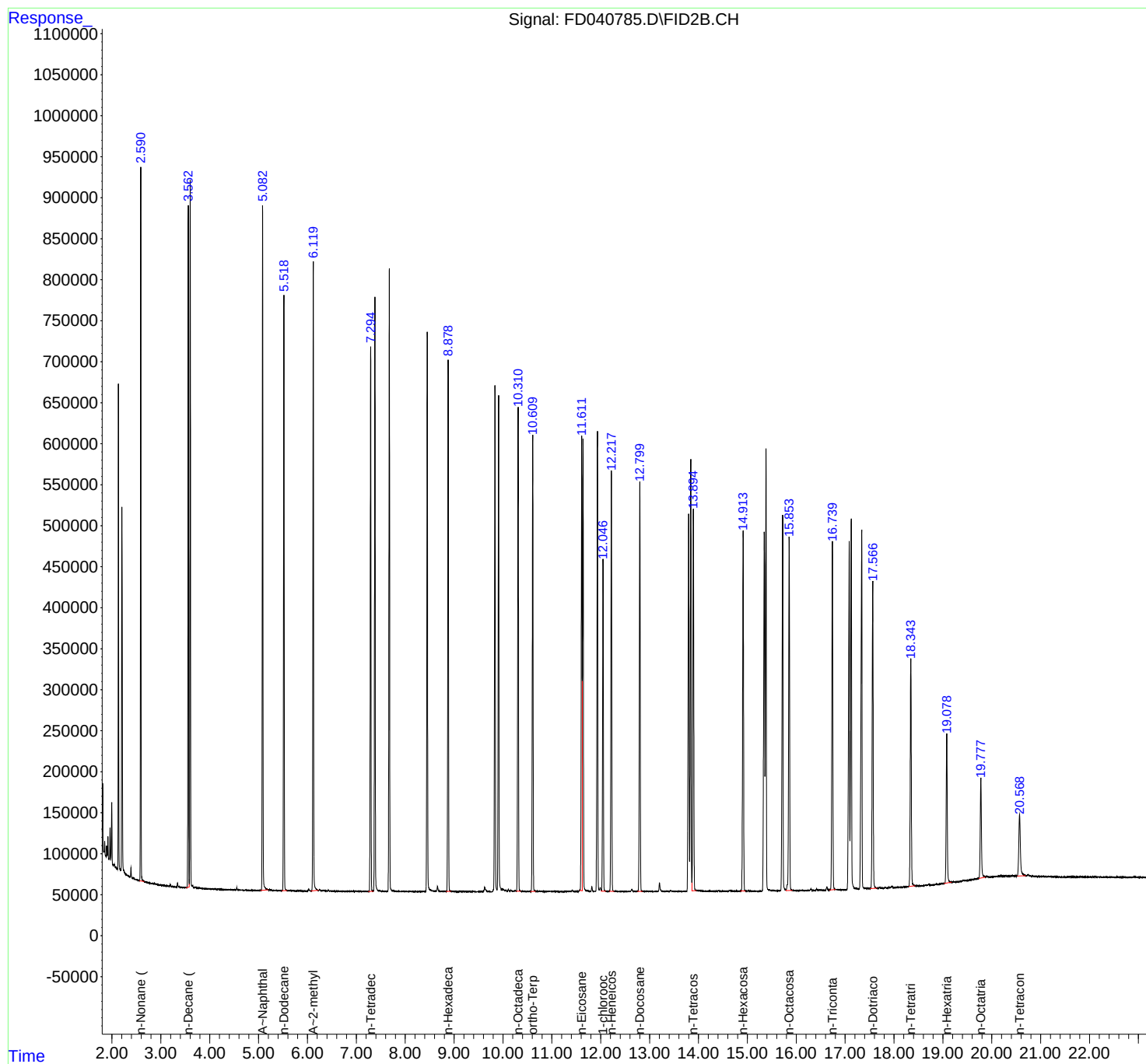
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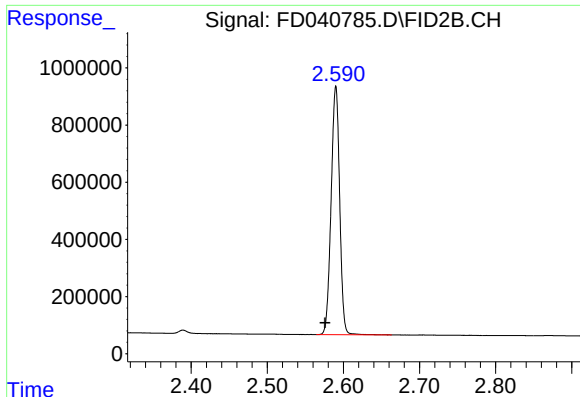
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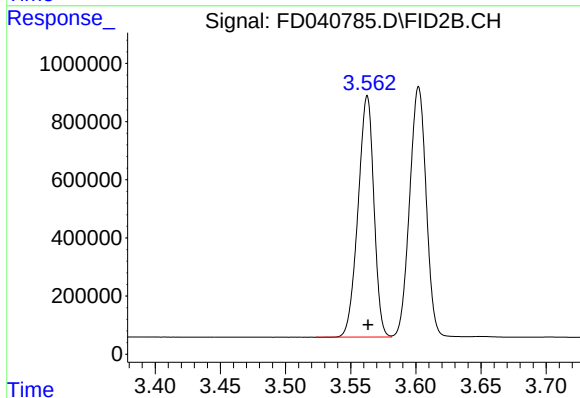
#1 n-Nonane (C9)

R.T.: 2.590 min
Delta R.T.: 0.014 min
Response: 6767480
Conc: 52.71 ug/ml

Instrument :
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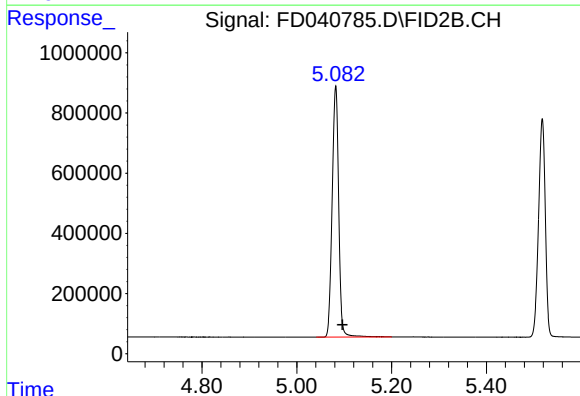
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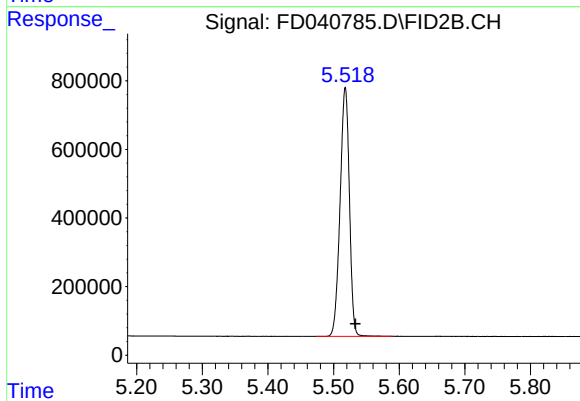
#2 n-Decane (C10)

R.T.: 3.563 min
Delta R.T.: 0.000 min
Response: 7023493
Conc: 54.54 ug/ml



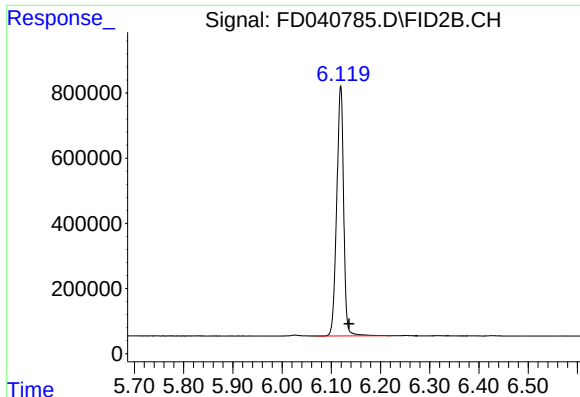
#3 A~Naphthalene (C11.7)

R.T.: 5.082 min
Delta R.T.: -0.014 min
Response: 7915158
Conc: 55.71 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.518 min
Delta R.T.: -0.015 min
Response: 7158114
Conc: 56.00 ug/ml



#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.119 min
Delta R.T.: -0.017 min
Response: 7514809
Conc: 53.27 ug/ml

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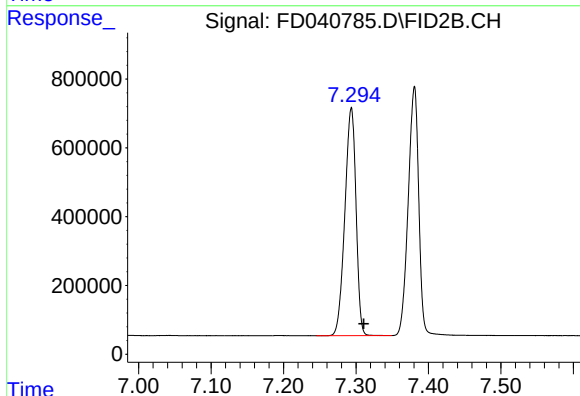
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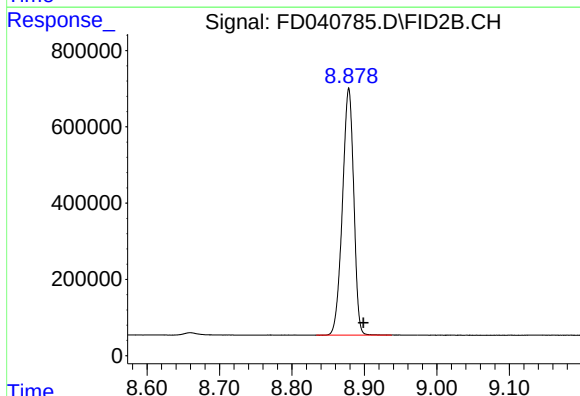
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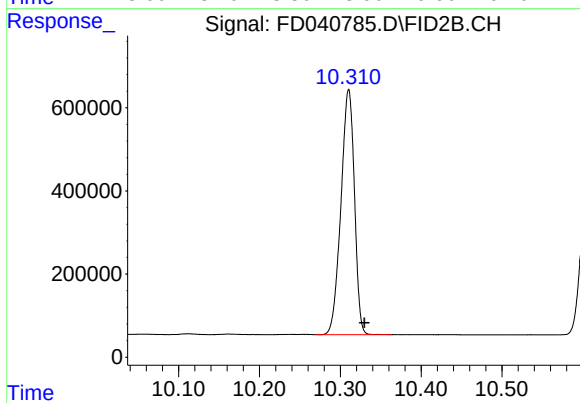
#6 n-Tetradecane (C14)

R.T.: 7.294 min
Delta R.T.: -0.017 min
Response: 7081787
Conc: 54.67 ug/ml



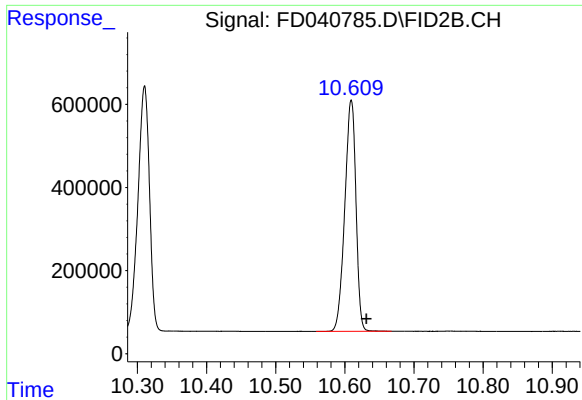
#7 n-Hexadecane (C16)

R.T.: 8.878 min
Delta R.T.: -0.020 min
Response: 7017675
Conc: 53.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.310 min
Delta R.T.: -0.019 min
Response: 6838142
Conc: 50.47 ug/ml



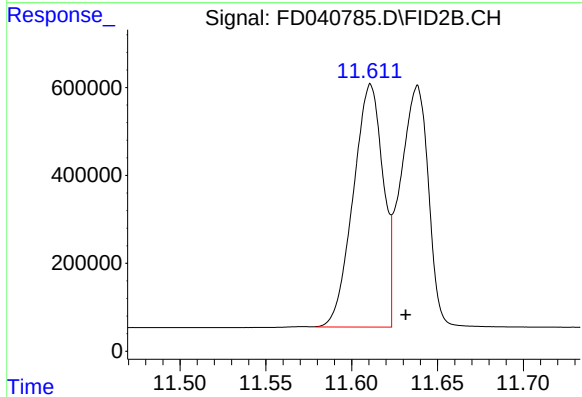
#9 ortho-Terphenyl (SURR)

R.T.: 10.609 min
Delta R.T.: -0.022 min
Response: 6237457
Conc: 40.45 ug/ml

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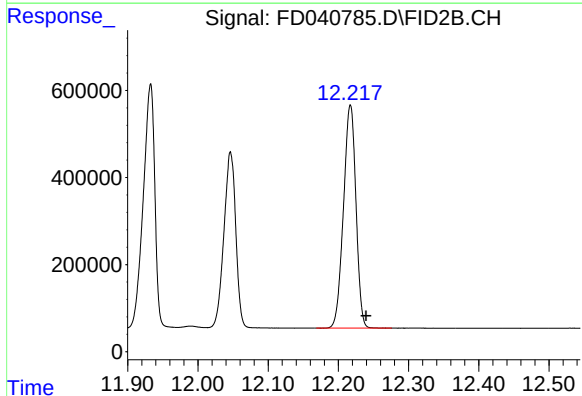
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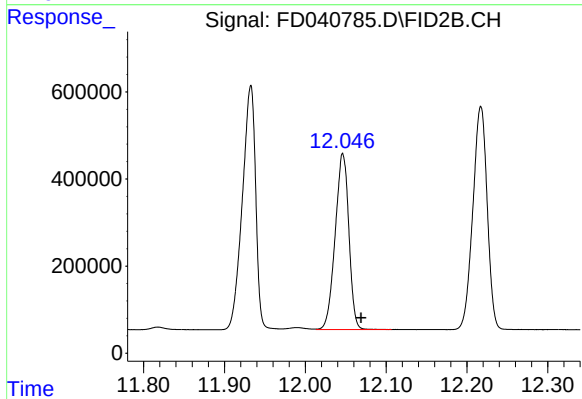
#10 n-Eicosane (C20)

R.T.: 11.611 min
Delta R.T.: -0.021 min
Response: 6739364
Conc: 49.55 ug/ml m



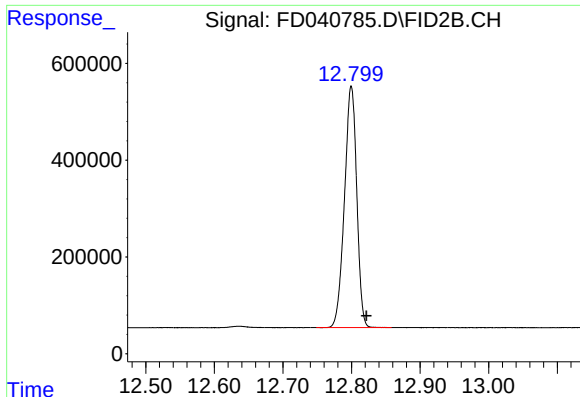
#11 n-Heneicosane (C21)

R.T.: 12.217 min
Delta R.T.: -0.022 min
Response: 6320142
Conc: 45.64 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.046 min
Delta R.T.: -0.023 min
Response: 4757252
Conc: 40.42 ug/ml



#13 n-Docosane (C22)

R.T.: 12.800 min
Delta R.T.: -0.022 min
Response: 6203210
Conc: 44.99 ug/ml

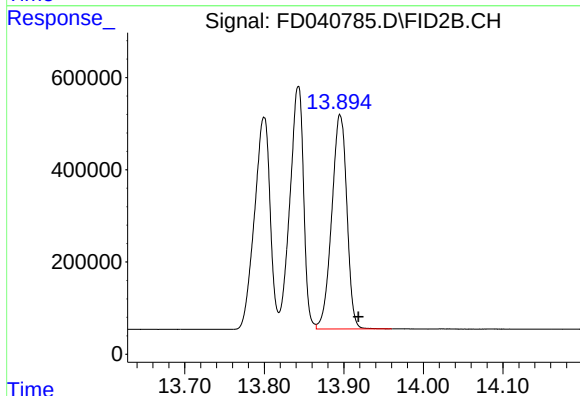
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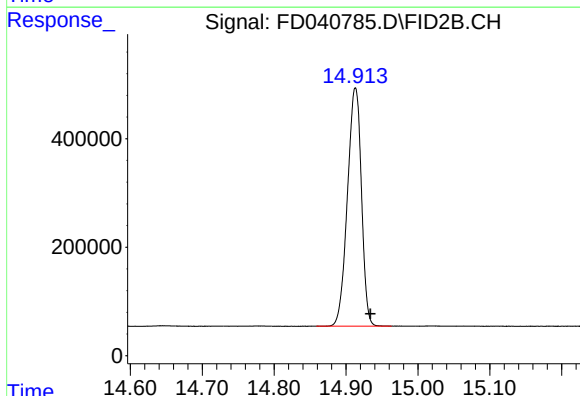
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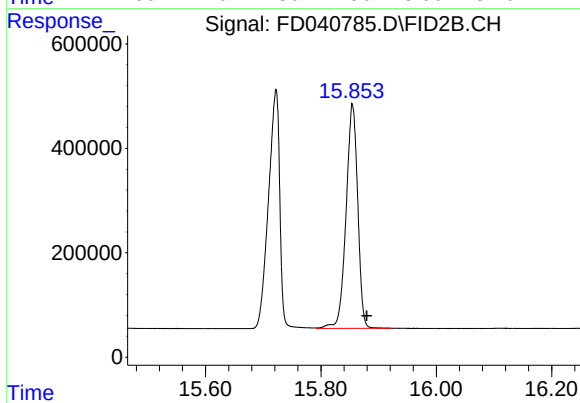
#14 n-Tetracosane (C24)

R.T.: 13.895 min
Delta R.T.: -0.023 min
Response: 6137392
Conc: 43.89 ug/ml



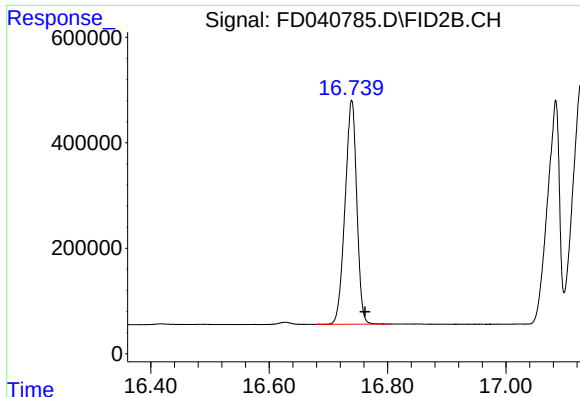
#15 n-Hexacosane (C26)

R.T.: 14.913 min
Delta R.T.: -0.021 min
Response: 5930016
Conc: 43.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 15.855 min
Delta R.T.: -0.025 min
Response: 6026884
Conc: 44.42 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.740 min
Delta R.T.: -0.023 min
Response: 5849368
Conc: 44.88 ug/ml

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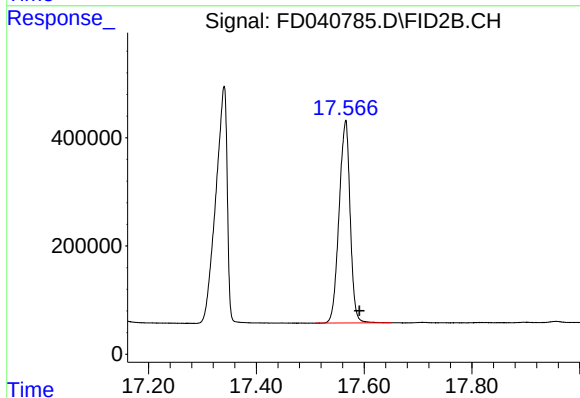
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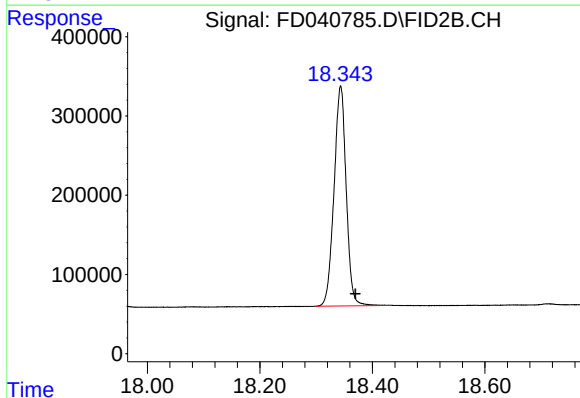
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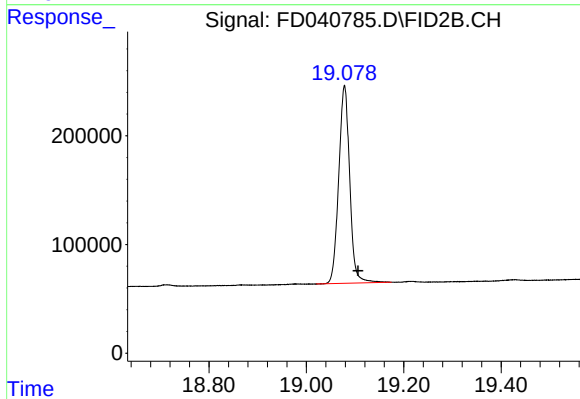
#18 n-Dotriacontane (C32)

R.T.: 17.566 min
Delta R.T.: -0.025 min
Response: 5322400
Conc: 44.52 ug/ml



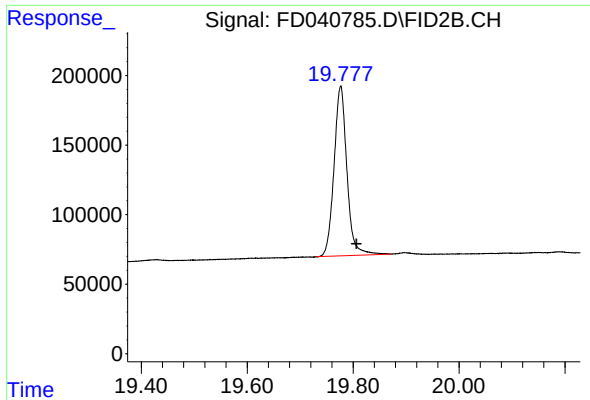
#19 n-Tetratriacontane (C34)

R.T.: 18.344 min
Delta R.T.: -0.026 min
Response: 4164228
Conc: 39.55 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.078 min
Delta R.T.: -0.028 min
Response: 2848244
Conc: 28.11 ug/ml



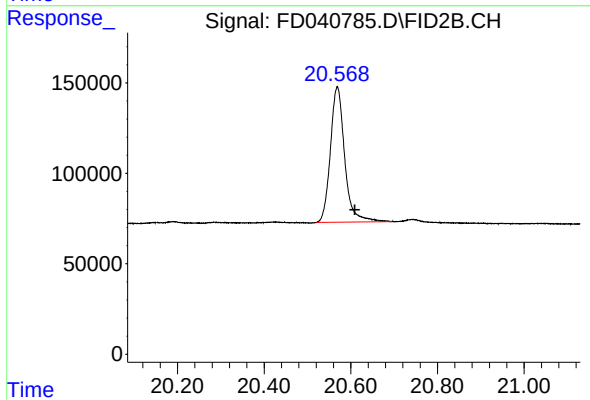
#21 n-Octatriacontane (C38)

R.T.: 19.777 min
Delta R.T.: -0.029 min
Response: 2062531
Conc: 23.08 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 20.569 min
Delta R.T.: -0.040 min
Response: 1711397
Conc: 20.02 ug/ml