

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD121621AL\
 Data File : FD039961.D
 Signal(s) : FID2B.CH
 Acq On : 16 Dec 2021 17:53
 Operator : AJ\MA
 Sample : PB141444BS
 Misc :
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :
 PB141444BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/17/2021
 Supervised By :Ankita Jodhani 12/17/2021

Integration File: autoint1.e
 Quant Time: Dec 17 02:03:46 2021
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 121521.M
 Quant Title : GC Extractables
 QLast Update : Wed Dec 15 16:44:55 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			
9) S ortho-Terphenyl (SURR)	10.780	6926691	44.123 ug/ml
Spiked Amount 50.000		Recovery =	88.25%
12) S 1-chlorooctadecane (S...	12.213	5456848	44.187 ug/ml
Spiked Amount 50.000		Recovery =	88.37%
Target Compounds			
1) T n-Nonane (C9)	2.687	6485719	46.088 ug/ml
2) T n-Decane (C10)	3.683	6842414	47.973 ug/ml
3) T A~Naphthalene (C11.7)	5.227	8201844	51.094 ug/ml
4) T n-Dodecane (C12)	5.658	7430691	52.042 ug/ml
5) T A~2-methylnaphthalene...	6.272	8336308	51.657 ug/ml
6) T n-Tetradecane (C14)	7.442	7924563	54.982 ug/ml
7) T n-Hexadecane (C16)	9.033	8269272	56.842 ug/ml
8) T n-Octadecane (C18)	10.469	8472395	56.937 ug/ml
10) T n-Eicosane (C20)	11.774	8364064	57.190 ug/ml
11) T n-Heneicosane (C21)	12.382	8221312	55.958 ug/ml
13) T n-Docosane (C22)	12.967	8128204	55.662 ug/ml
14) T n-Tetracosane (C24)	14.065	7913370	54.334 ug/ml
15) T n-Hexacosane (C26)	15.084	7713953	54.999 ug/ml
16) T n-Octacosane (C28)	16.028	7541260	55.603 ug/ml
17) T n-Tricontane (C30)	16.915	7092541	54.277 ug/ml
18) T n-Dotriacontane (C32)	17.742	6700541	53.839 ug/ml
19) T n-Tetratriacontane (C34)	18.526	6330316	52.411 ug/mlm
20) T n-Hexatriacontane (C36)	19.262	5759048	50.078 ug/mlm
21) T n-Octatriacontane (C38)	19.979	5421804	48.573 ug/ml
22) T n-Tetracontane (C40)	20.840	5466549	47.975 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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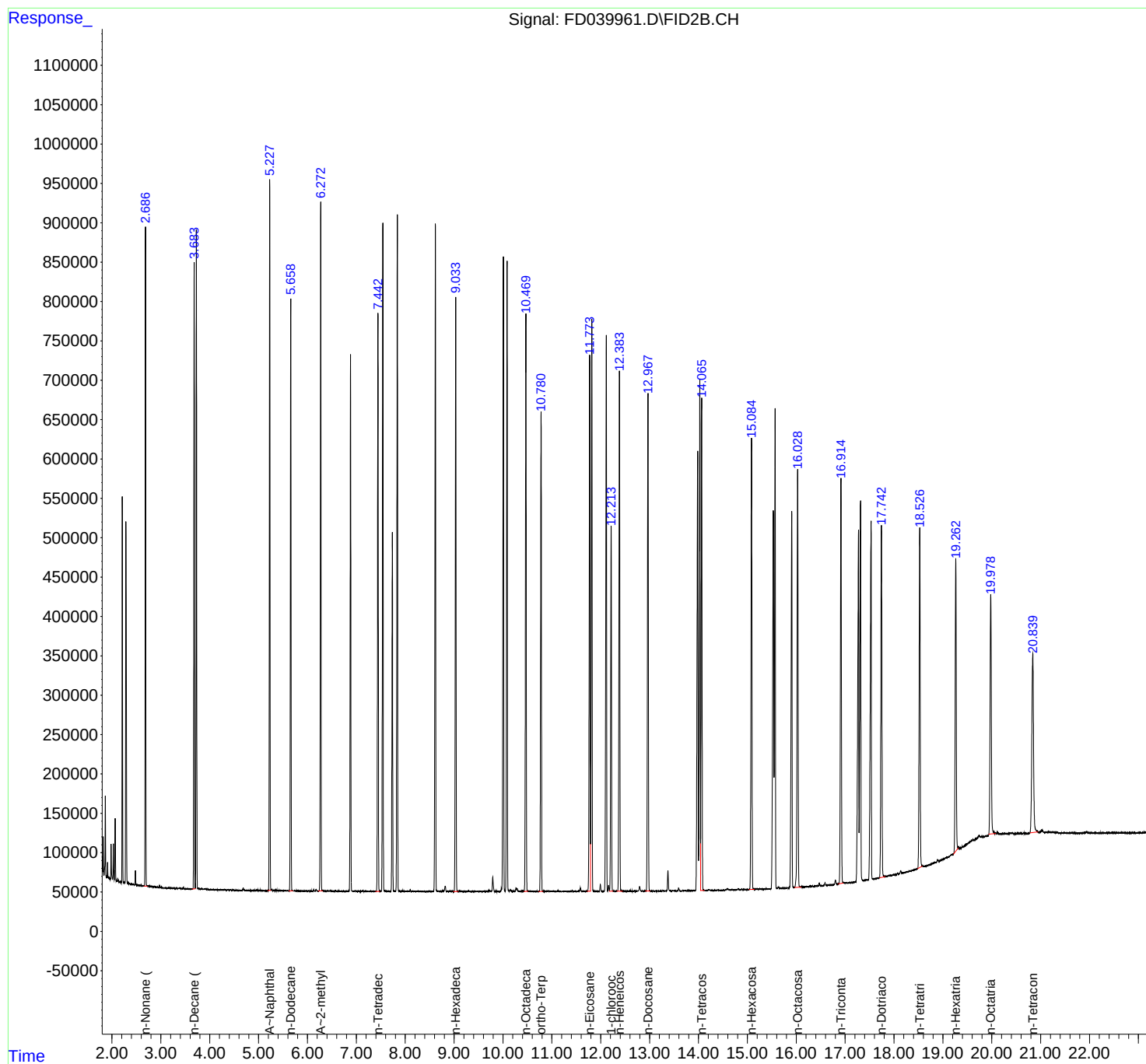
Instrument :
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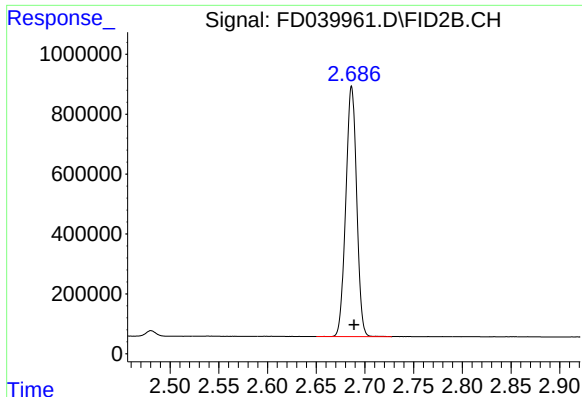
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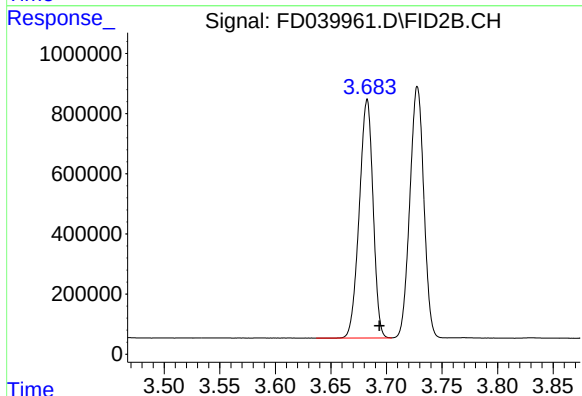
#1 n-Nonane (C9)

R.T.: 2.687 min
Delta R.T.: -0.002 min
Response: 6485719
Conc: 46.09 ug/ml

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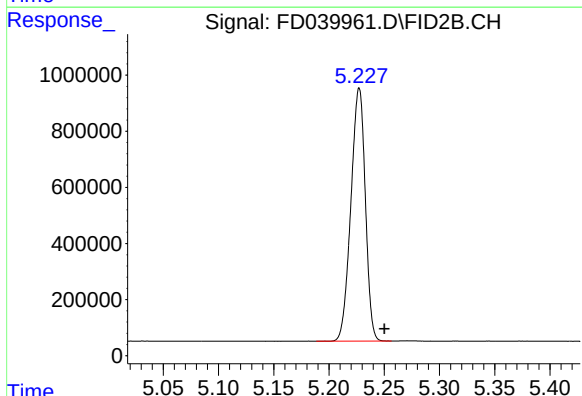
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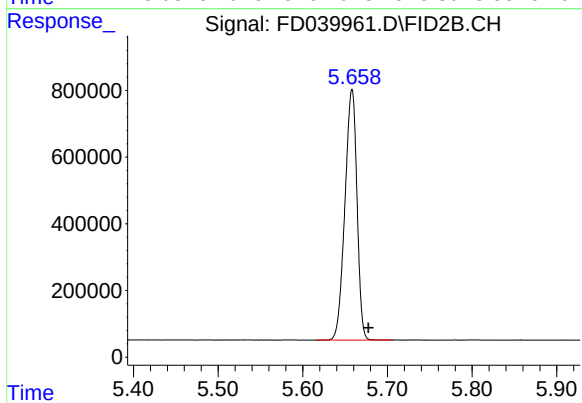
#2 n-Decane (C10)

R.T.: 3.683 min
Delta R.T.: -0.011 min
Response: 6842414
Conc: 47.97 ug/ml



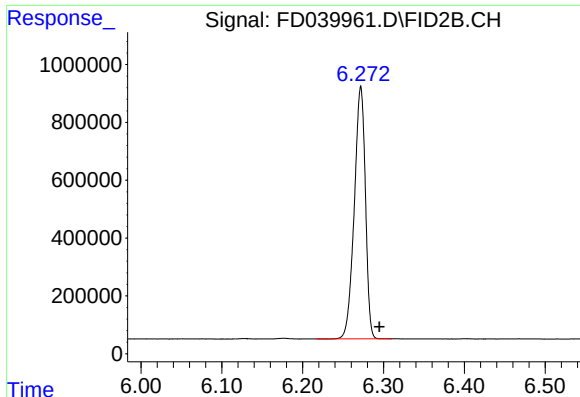
#3 A~Naphthalene (C11.7)

R.T.: 5.227 min
Delta R.T.: -0.023 min
Response: 8201844
Conc: 51.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 5.658 min
Delta R.T.: -0.019 min
Response: 7430691
Conc: 52.04 ug/ml



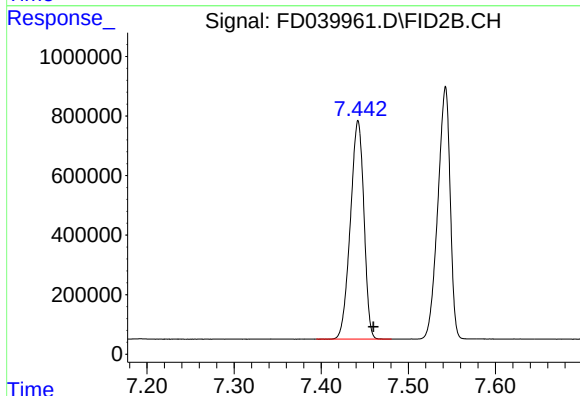
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.272 min
Delta R.T.: -0.023 min
Response: 8336308
Conc: 51.66 ug/ml

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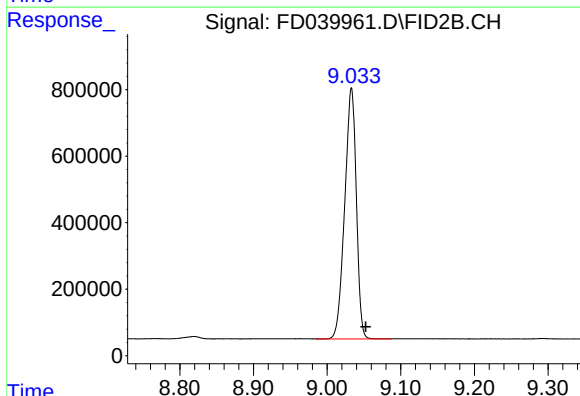
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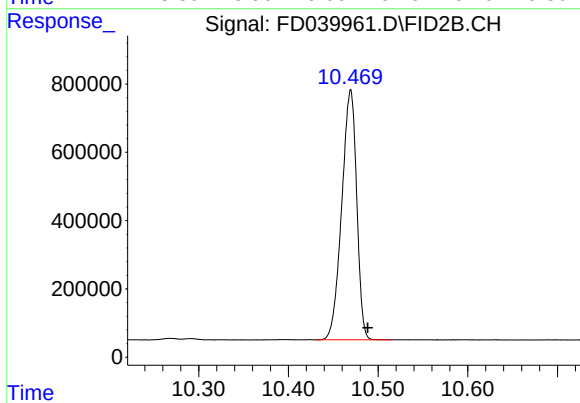
#6 n-Tetradecane (C14)

R.T.: 7.442 min
Delta R.T.: -0.018 min
Response: 7924563
Conc: 54.98 ug/ml



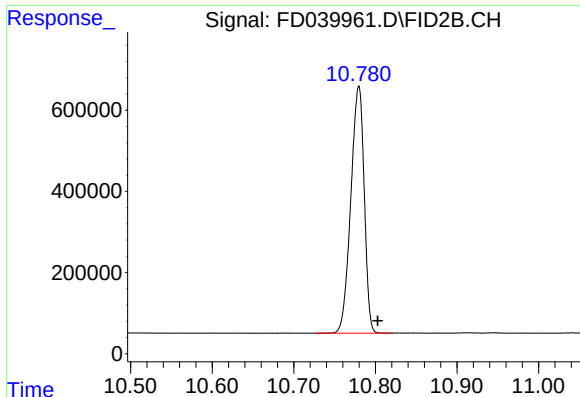
#7 n-Hexadecane (C16)

R.T.: 9.033 min
Delta R.T.: -0.020 min
Response: 8269272
Conc: 56.84 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.469 min
Delta R.T.: -0.019 min
Response: 8472395
Conc: 56.94 ug/ml



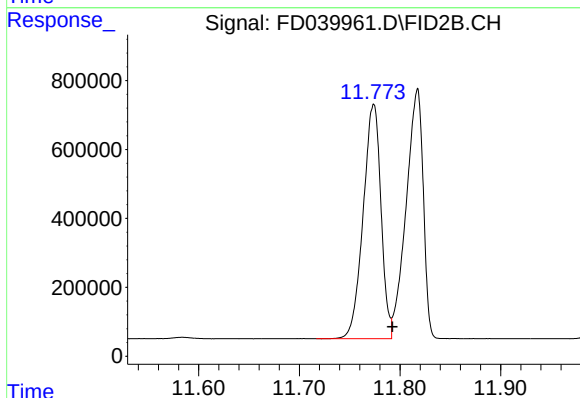
#9 ortho-Terphenyl (SURR)

R.T.: 10.780 min
Delta R.T.: -0.023 min
Response: 6926691
Conc: 44.12 ug/ml

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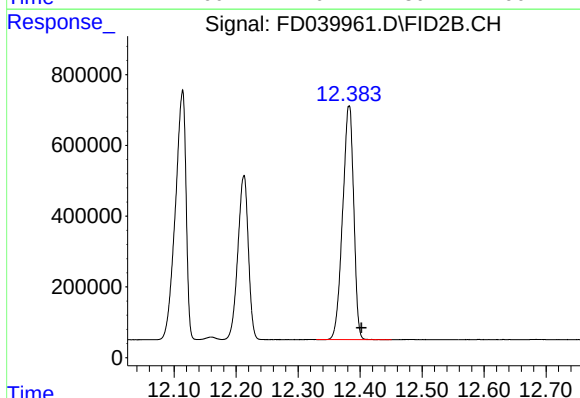
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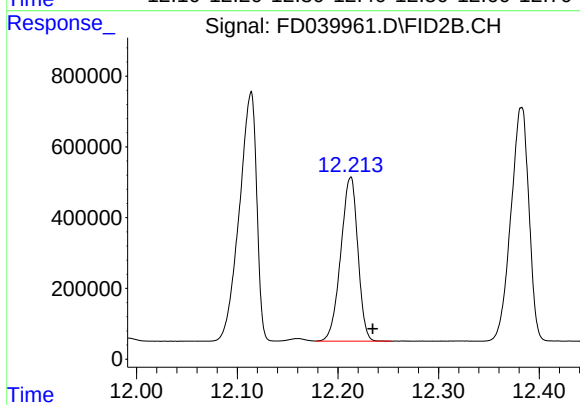
#10 n-Eicosane (C20)

R.T.: 11.774 min
Delta R.T.: -0.019 min
Response: 8364064
Conc: 57.19 ug/ml



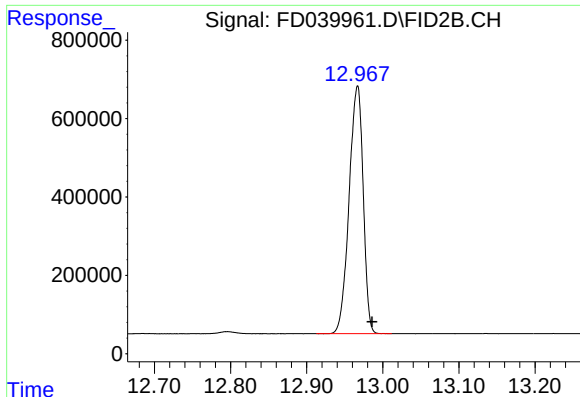
#11 n-Heneicosane (C21)

R.T.: 12.382 min
Delta R.T.: -0.019 min
Response: 8221312
Conc: 55.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.213 min
Delta R.T.: -0.022 min
Response: 5456848
Conc: 44.19 ug/ml



#13 n-Docosane (C22)

R.T.: 12.967 min
Delta R.T.: -0.019 min
Response: 8128204
Conc: 55.66 ug/ml

Instrument :

FID_D

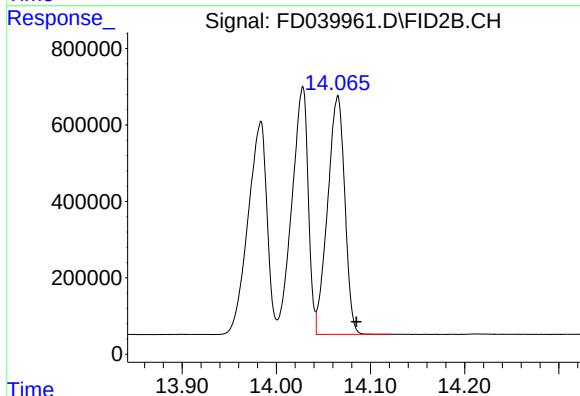
ClientSampleId :

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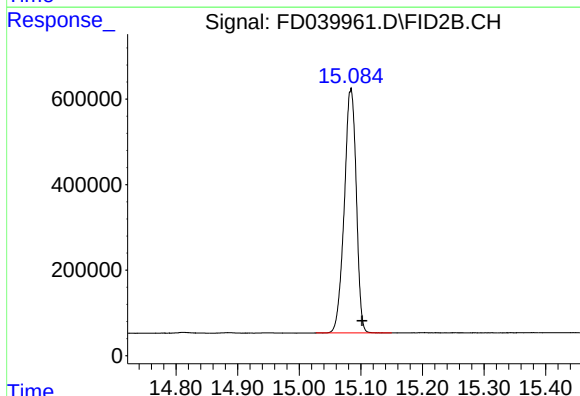
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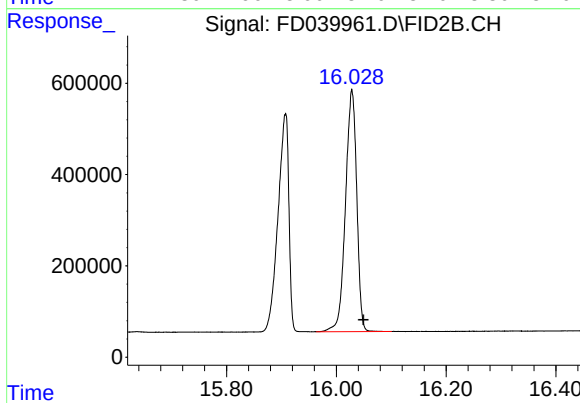
#14 n-Tetracosane (C24)

R.T.: 14.065 min
Delta R.T.: -0.020 min
Response: 7913370
Conc: 54.33 ug/ml



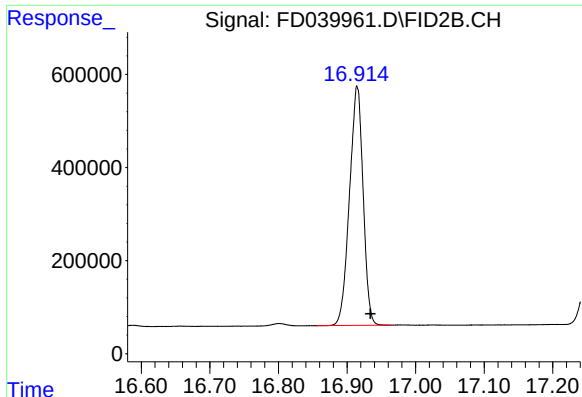
#15 n-Hexacosane (C26)

R.T.: 15.084 min
Delta R.T.: -0.018 min
Response: 7713953
Conc: 55.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.028 min
Delta R.T.: -0.021 min
Response: 7541260
Conc: 55.60 ug/ml



#17 n-Tricontane (C30)

R.T.: 16.915 min
Delta R.T.: -0.019 min
Response: 7092541
Conc: 54.28 ug/ml

Instrument :

FID_D

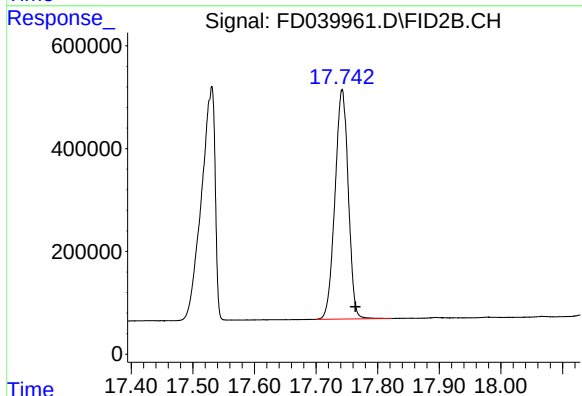
ClientSampleId :

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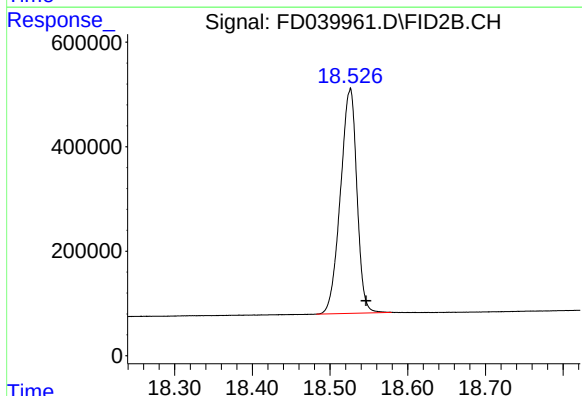
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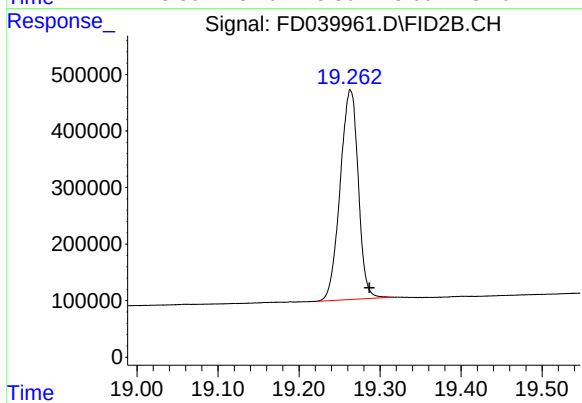
#18 n-Dotriacontane (C32)

R.T.: 17.742 min
Delta R.T.: -0.021 min
Response: 6700541
Conc: 53.84 ug/ml



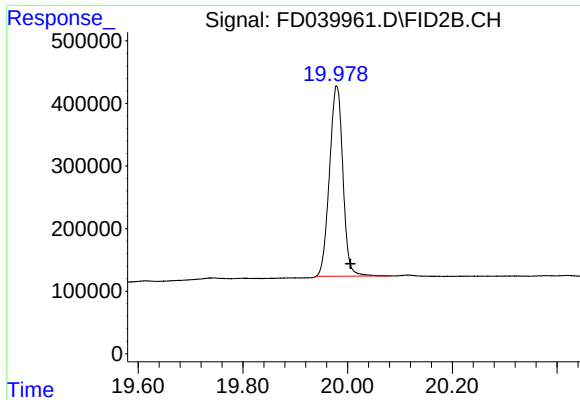
#19 n-Tetratriacontane (C34)

R.T.: 18.526 min
Delta R.T.: -0.020 min
Response: 6330316
Conc: 52.41 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 19.262 min
Delta R.T.: -0.025 min
Response: 5759048
Conc: 50.08 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 19.979 min
Delta R.T.: -0.026 min
Response: 5421804
Conc: 48.57 ug/ml

Instrument :

FID_D

ClientSampleId :

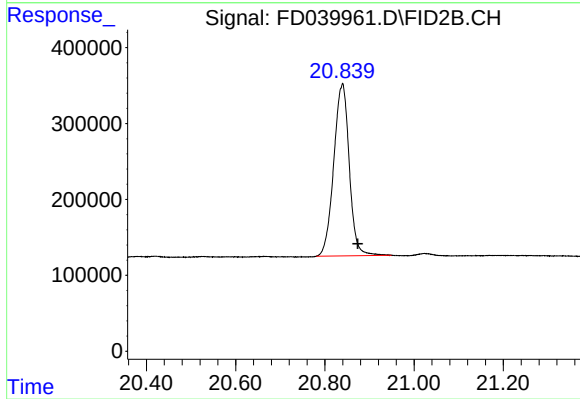
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#22 n-Tetracontane (C40)

R.T.: 20.840 min
Delta R.T.: -0.034 min
Response: 5466549
Conc: 47.98 ug/ml