

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE110323AL\
 Data File : FE045173.D
 Signal(s) : FID1B.ch
 Acq On : 03 Nov 2023 13:27
 Operator : YP\AJ
 Sample : PB156871BS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB156871BS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/06/2023

Supervised By :mohammad ahmed 11/06/2023

Integration File: autoint1.e

Quant Time: Nov 03 23:02:59 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 101223.M

Quant Title : GC Extractables

QLast Update : Thu Oct 12 06:15:32 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			
9) S ortho-Terphenyl (SURR)	11.893	6996772	34.903 ug/ml
Spiked Amount 50.000		Recovery =	69.81%
12) S 1-chlorooctadecane (S...	13.334	5379687	36.353 ug/ml
Spiked Amount 50.000		Recovery =	72.71%
Target Compounds			
1) T n-Nonane (C9)	3.288	6629971	39.522 ug/ml
2) T n-Decane (C10)	4.534	7332752	43.045 ug/mlm
3) T A~Naphthalene (C11.7)	6.231	8134327	43.941 ug/ml
4) T n-Dodecane (C12)	6.695	7803620	45.207 ug/ml
5) T A~2-methylnaphthalene...	7.326	7937946	44.004 ug/ml
6) T n-Tetradecane (C14)	8.523	7866021	45.872 ug/ml
7) T n-Hexadecane (C16)	10.132	7885111	45.092 ug/ml
8) T n-Octadecane (C18)	11.579	7870705	45.126 ug/ml
10) T n-Eicosane (C20)	12.891	7747454	46.384 ug/ml
11) T n-Heneicosane (C21)	13.504	7340294	45.029 ug/ml
13) T n-Docosane (C22)	14.091	7211475	45.085 ug/ml
14) T n-Tetracosane (C24)	15.181	14085836	90.762 ug/mlm
15) T n-Hexacosane (C26)	16.222	6845408	45.595 ug/ml
16) T n-Octacosane (C28)	17.173	6963059	47.418 ug/ml
17) T n-Tricontane (C30)	18.064	6957762	46.781 ug/ml
18) T n-Dotriacontane (C32)	18.896	7135506	47.540 ug/ml
19) T n-Tetratriacontane (C34)	19.683	7204413	48.396 ug/ml
20) T n-Hexatriacontane (C36)	20.423	7284041	47.379 ug/mlm
21) T n-Octatriacontane (C38)	21.164	7321332	46.868 ug/mlm
22) T n-Tetracontane (C40)	22.084	7843646	46.934 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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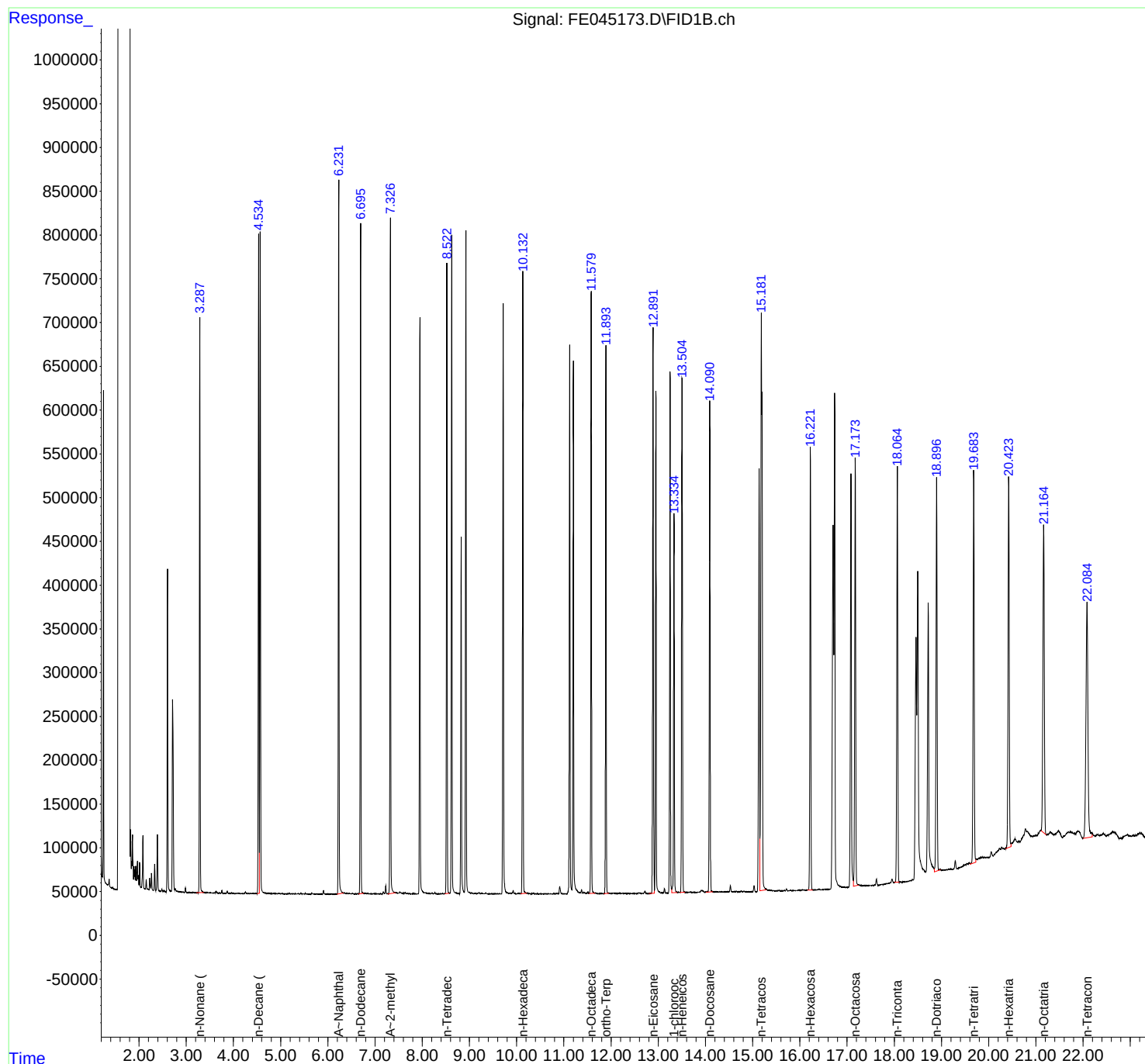
Response via : Initial Calibration

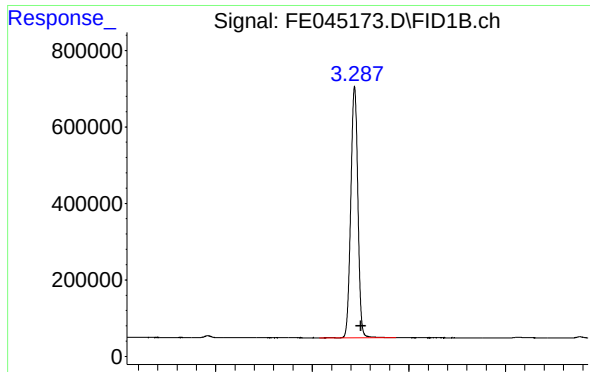
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.288 min
Delta R.T.: -0.013 min
Response: 6629971
Conc: 39.52 ug/ml

Instrument :

FID_E

ClientSampleId :

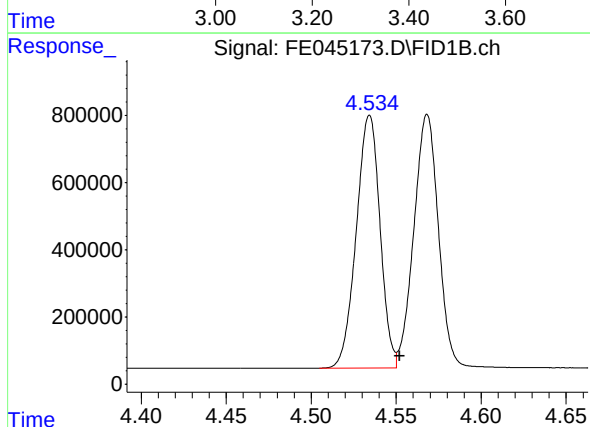
PB156871BS

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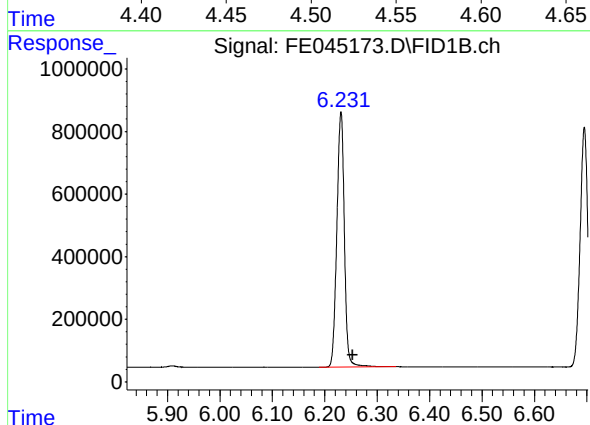
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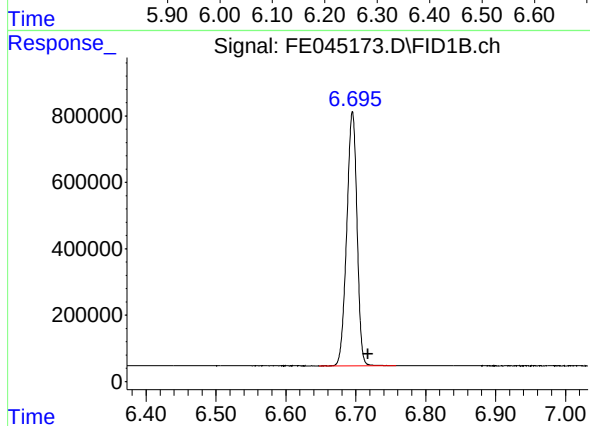
#2 n-Decane (C10)

R.T.: 4.534 min
Delta R.T.: -0.018 min
Response: 7332752
Conc: 43.05 ug/ml



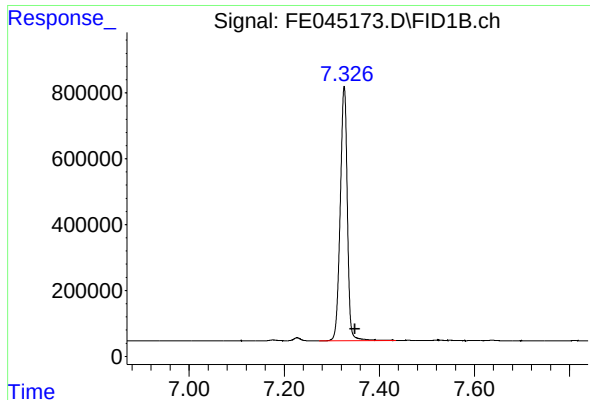
#3 A~Naphthalene (C11.7)

R.T.: 6.231 min
Delta R.T.: -0.022 min
Response: 8134327
Conc: 43.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: -0.022 min
Response: 7803620
Conc: 45.21 ug/ml



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

R.T.: 7.326 min
Delta R.T.: -0.023 min
Response: 7937946
Conc: 44.00 ug/ml

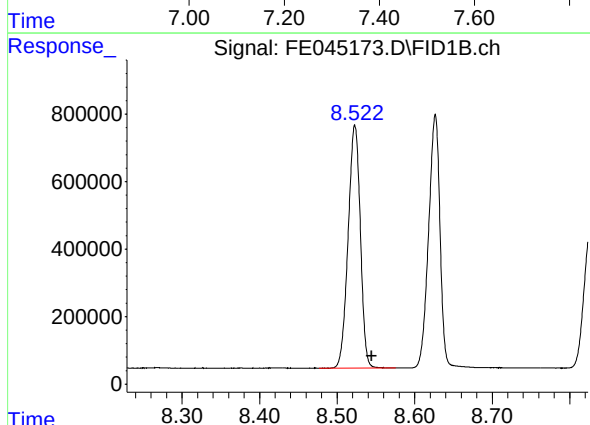
Instrument :

FID_E

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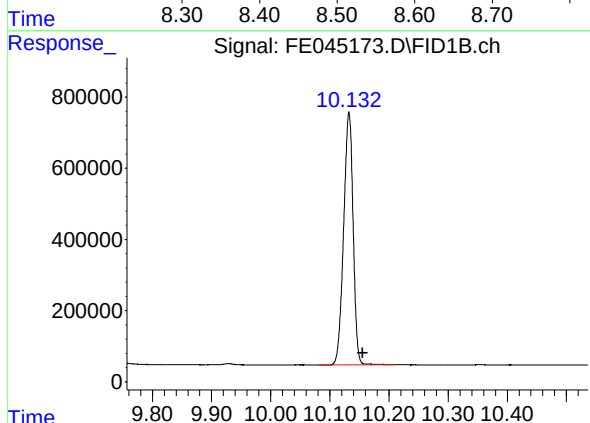
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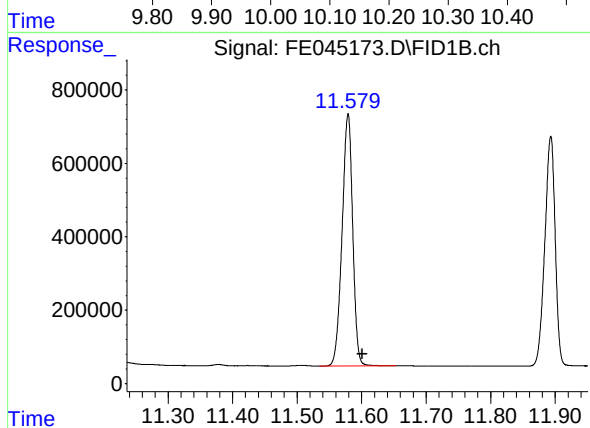
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: -0.021 min
Response: 7866021
Conc: 45.87 ug/ml



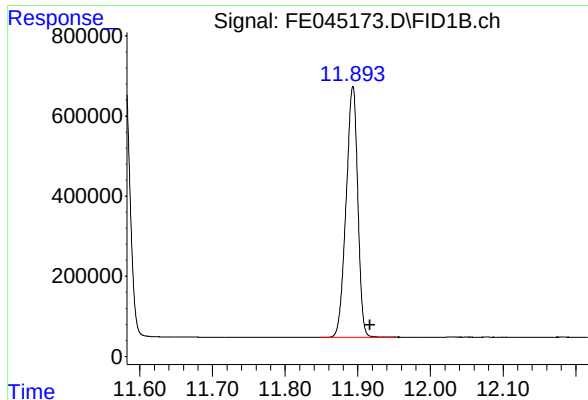
#7 n-Hexadecane (C16)

R.T.: 10.132 min
Delta R.T.: -0.023 min
Response: 7885111
Conc: 45.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.579 min
Delta R.T.: -0.022 min
Response: 7870705
Conc: 45.13 ug/ml



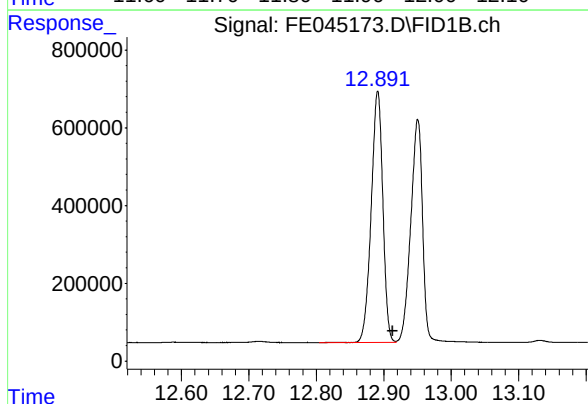
#9 ortho-Terphenyl (SURR)

R.T.: 11.893 min
Delta R.T.: -0.024 min
Response: 6996772
Conc: 34.90 ug/ml

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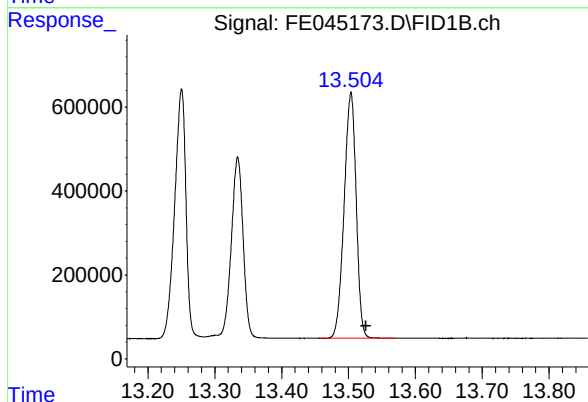
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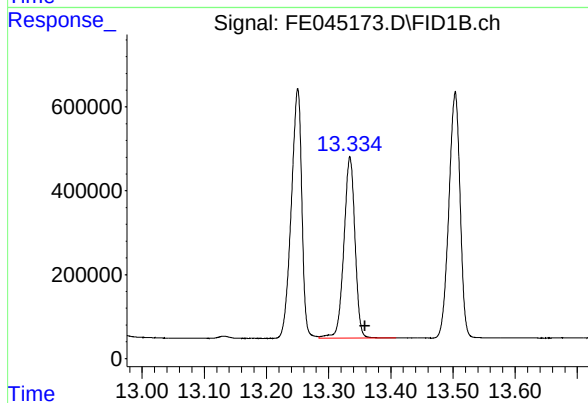
#10 n-Eicosane (C20)

R.T.: 12.891 min
Delta R.T.: -0.022 min
Response: 7747454
Conc: 46.38 ug/ml



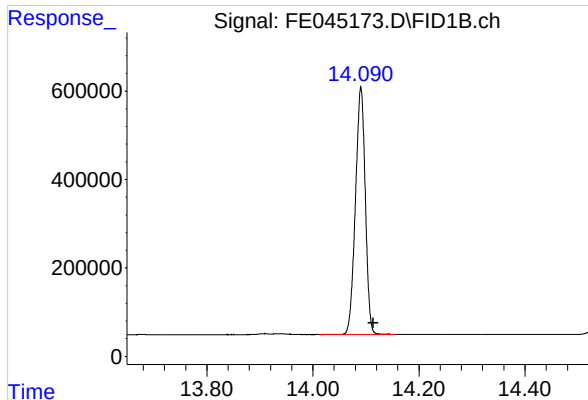
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.023 min
Response: 7340294
Conc: 45.03 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.334 min
Delta R.T.: -0.024 min
Response: 5379687
Conc: 36.35 ug/ml



#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.023 min
Response: 7211475
Conc: 45.08 ug/ml

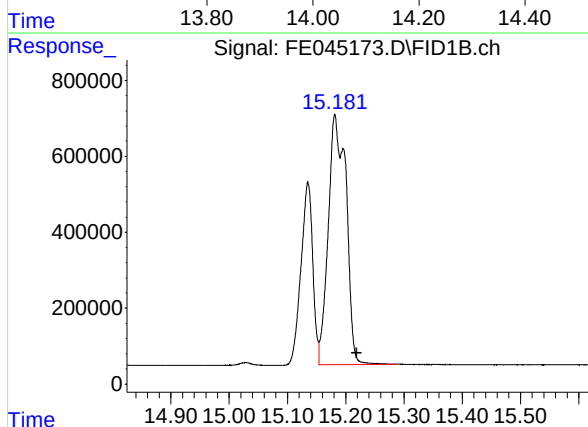
Instrument :

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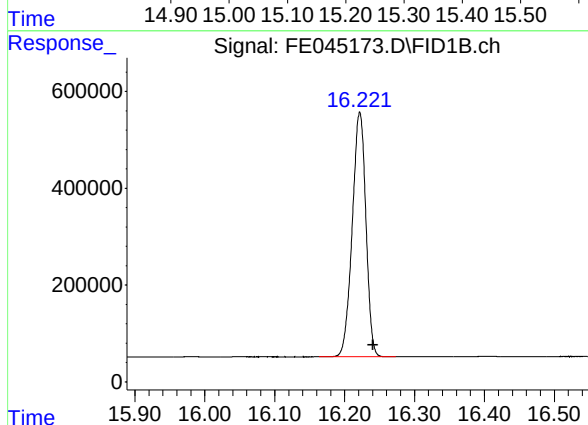
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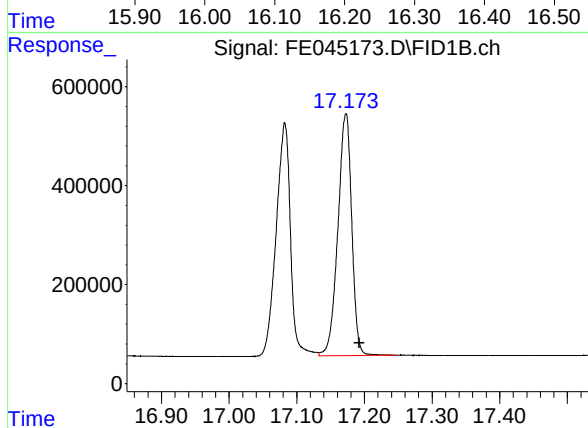
#14 n-Tetracosane (C24)

R.T.: 15.181 min
Delta R.T.: -0.038 min
Response: 14085836
Conc: 90.76 ug/ml m



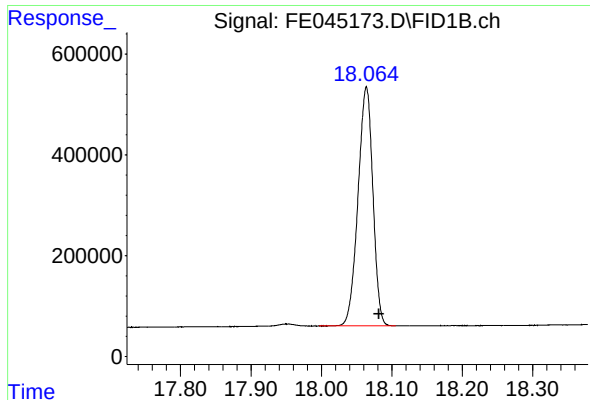
#15 n-Hexacosane (C26)

R.T.: 16.222 min
Delta R.T.: -0.019 min
Response: 6845408
Conc: 45.59 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.173 min
Delta R.T.: -0.020 min
Response: 6963059
Conc: 47.42 ug/ml



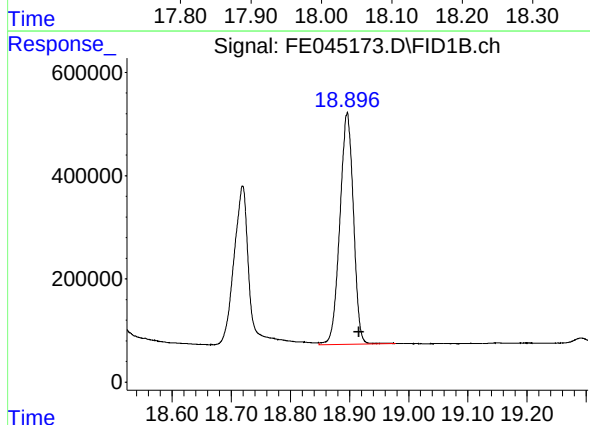
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.018 min
Response: 6957762
Conc: 46.78 ug/ml

Instrument :
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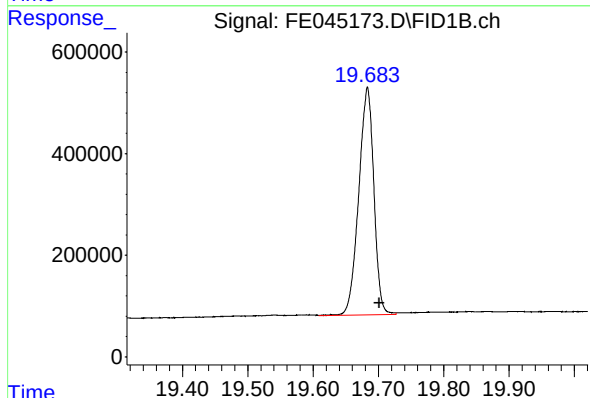
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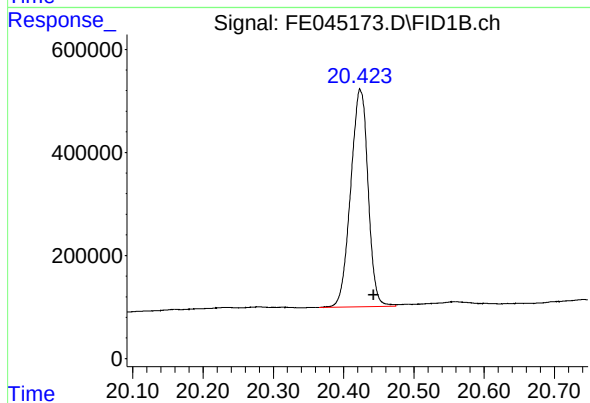
#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.020 min
Response: 7135506
Conc: 47.54 ug/ml



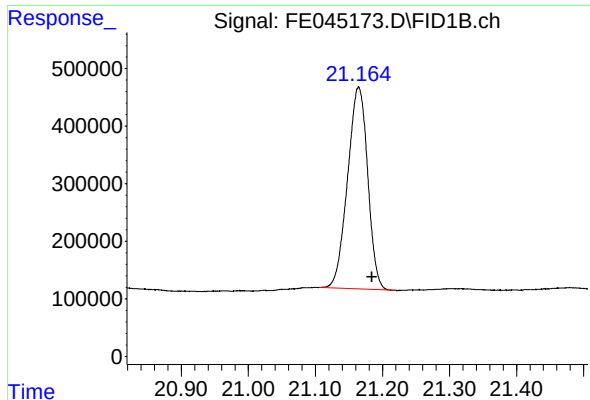
#19 n-Tetratriacontane (C34)

R.T.: 19.683 min
Delta R.T.: -0.018 min
Response: 7204413
Conc: 48.40 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.423 min
Delta R.T.: -0.020 min
Response: 7284041
Conc: 47.38 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.164 min
Delta R.T.: -0.020 min
Response: 7321332
Conc: 46.87 ug/ml

Instrument :

FID_E

ClientSampleId :

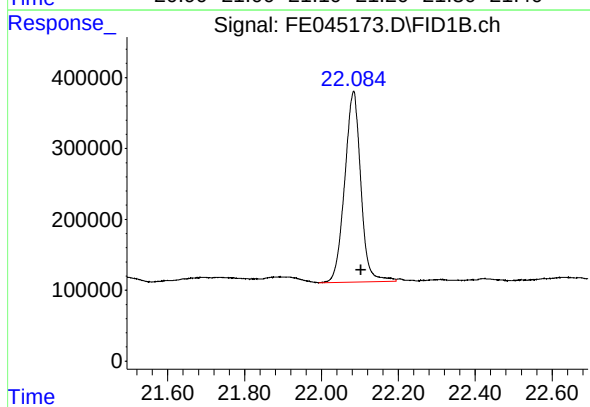
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#22 n-Tetracontane (C40)

R.T.: 22.084 min
Delta R.T.: -0.019 min
Response: 7843646
Conc: 46.93 ug/ml