

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020822AL\
 Data File : FE034909.D
 Signal(s) : FID1B.CH
 Acq On : 09 Feb 2022 9:15
 Operator : YP\AJ
 Sample : N1412-07MS
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/10/2022
 Supervised By :Ankita Jodhani 02/10/2022

Integration File: sample.E
 Quant Time: Feb 10 01:16:55 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 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)	11.141	12325320	42.085 ug/ml
Spiked Amount 50.000		Recovery =	84.17%
12) S 1-chlorooctadecane (S...	12.569	9028742	40.383 ug/ml
Spiked Amount 50.000		Recovery =	80.77%
Target Compounds			
1) T n-Nonane (C9)	3.044	12784113	50.399 ug/ml
2) T n-Decane (C10)	4.042	13380391	52.130 ug/ml
3) T A~Naphthalene (C11.7)	5.584	15709628	54.760 ug/ml
4) T n-Dodecane (C12)	6.009	13868816	53.905 ug/ml
5) T A~2-methylnaphthalene...	6.627	15245748	52.691 ug/ml
6) T n-Tetradecane (C14)	7.796	14103133	53.918 ug/ml
7) T n-Hexadecane (C16)	9.389	14243366	54.316 ug/ml
8) T n-Octadecane (C18)	10.828	14562393	54.615 ug/ml
10) T n-Eicosane (C20)	12.133	14195964	54.357 ug/ml
11) T n-Heneicosane (C21)	12.740	14033323	53.568 ug/ml
13) T n-Docosane (C22)	13.325	13856744	53.753 ug/ml
14) T n-Tetracosane (C24)	14.422	9050455	35.695 ug/mlm
15) T n-Hexacosane (C26)	15.445	13184837	53.997 ug/ml
16) T n-Octacosane (C28)	16.386	13361548	56.152 ug/ml
17) T n-Tricontane (C30)	17.275	12782191	55.579 ug/ml
18) T n-Dotriacontane (C32)	18.098	11907457	55.707 ug/ml
19) T n-Tetratriacontane (C34)	18.879	11193291	55.538 ug/ml
20) T n-Hexatriacontane (C36)	19.614	9750597	51.550 ug/ml
21) T n-Octatriacontane (C38)	20.325	8509699	46.775 ug/ml
22) T n-Tetracontane (C40)	21.180	7968805	43.502 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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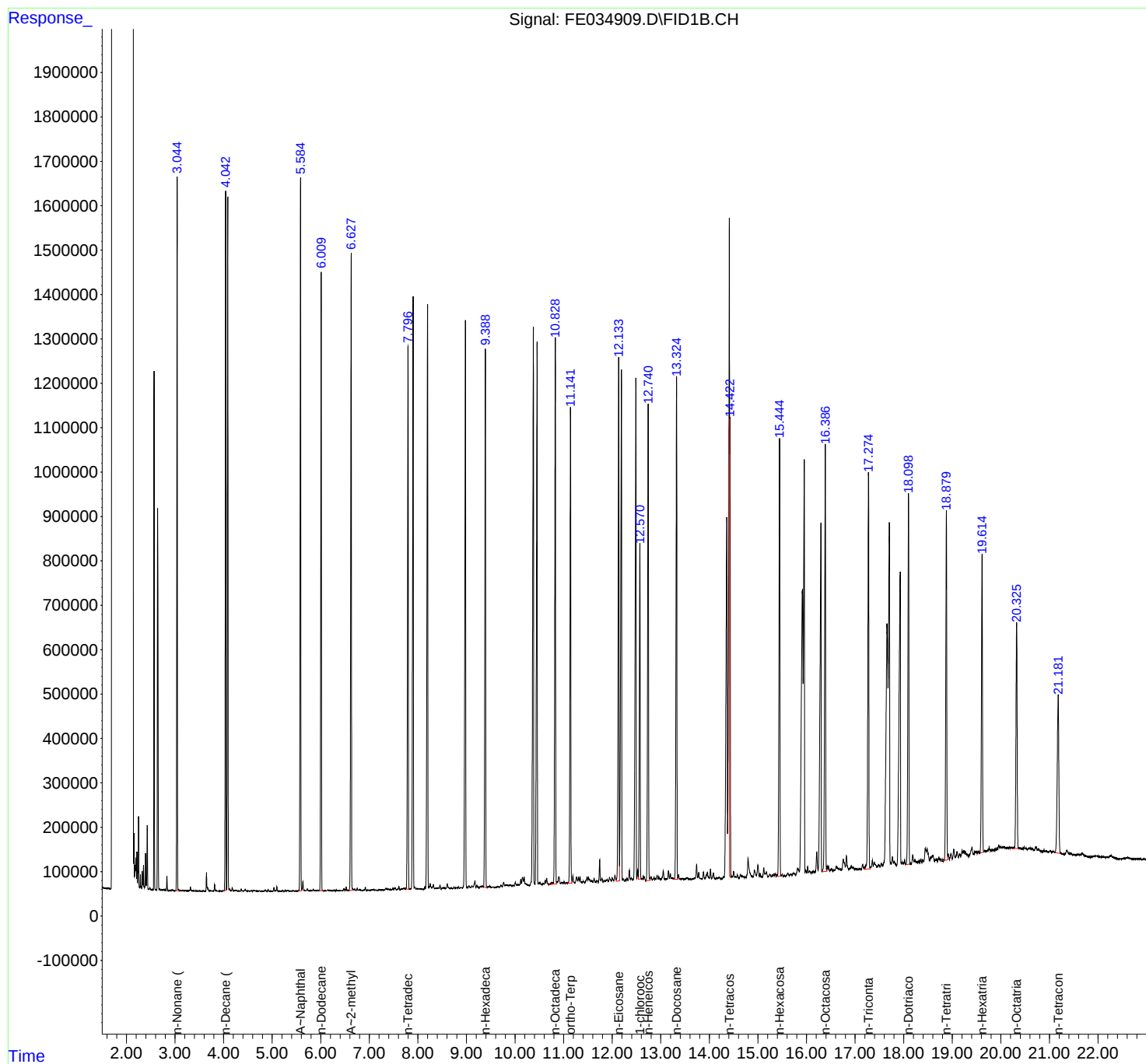
Instrument :
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ClientSampleId :
5MS

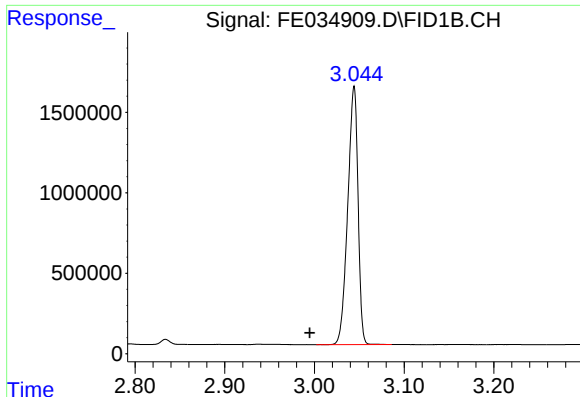
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#1 n-Nonane (C9)

R.T.: 3.044 min
Delta R.T.: 0.049 min
Response: 12784113
Conc: 50.40 ug/ml

Instrument :

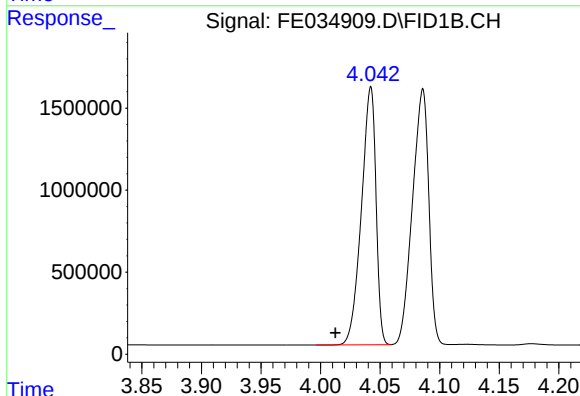
FID_E

ClientSampleId :

5MS

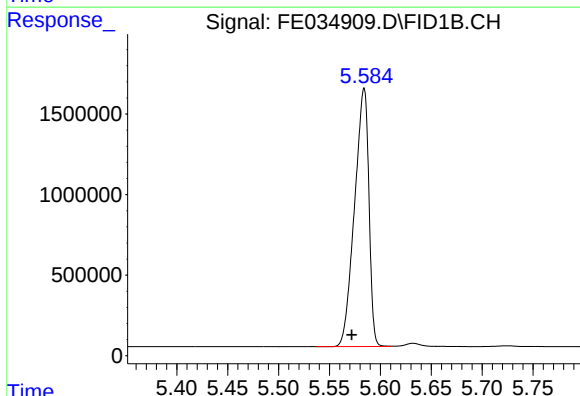
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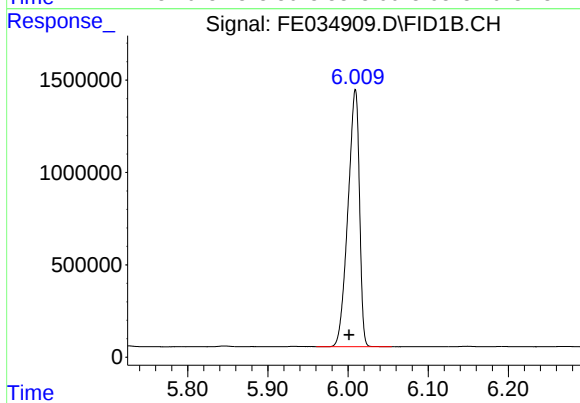
#2 n-Decane (C10)

R.T.: 4.042 min
Delta R.T.: 0.030 min
Response: 13380391
Conc: 52.13 ug/ml



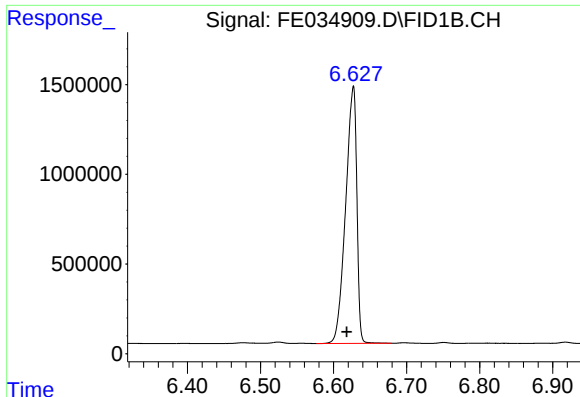
#3 A~Naphthalene (C11.7)

R.T.: 5.584 min
Delta R.T.: 0.012 min
Response: 15709628
Conc: 54.76 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.009 min
Delta R.T.: 0.008 min
Response: 13868816
Conc: 53.91 ug/ml



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

R.T.: 6.627 min
Delta R.T.: 0.009 min
Response: 15245748
Conc: 52.69 ug/ml

Instrument :

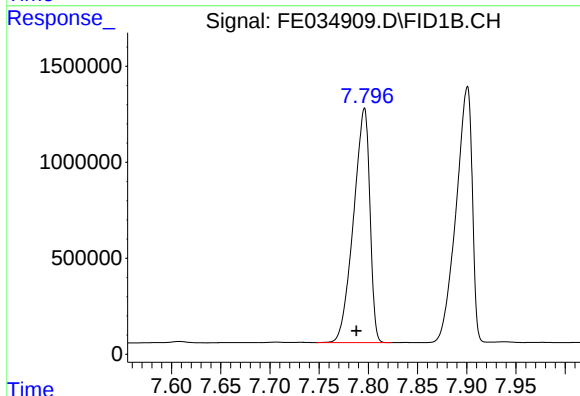
FID_E

ClientSampleId :

5MS

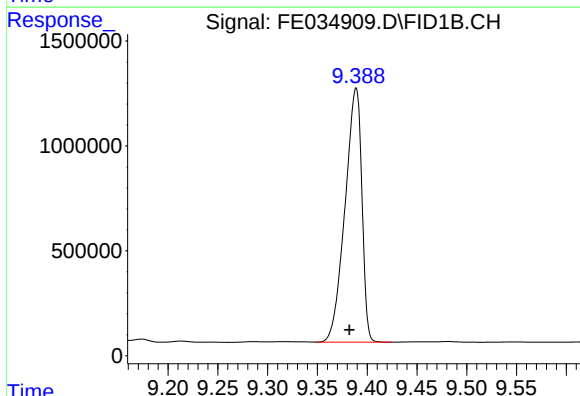
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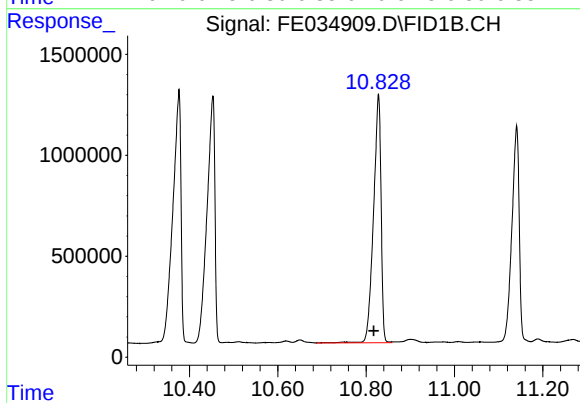
#6 n-Tetradecane (C14)

R.T.: 7.796 min
Delta R.T.: 0.008 min
Response: 14103133
Conc: 53.92 ug/ml



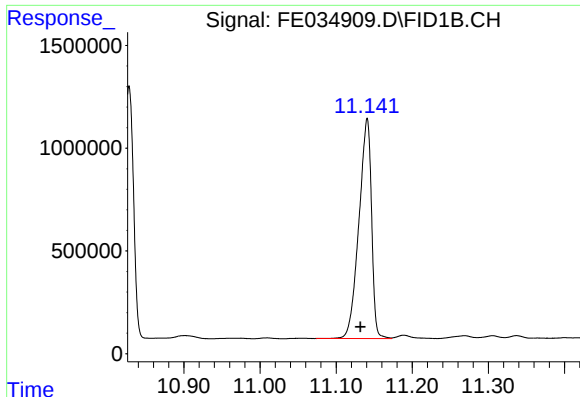
#7 n-Hexadecane (C16)

R.T.: 9.389 min
Delta R.T.: 0.007 min
Response: 14243366
Conc: 54.32 ug/ml



#8 n-Octadecane (C18)

R.T.: 10.828 min
Delta R.T.: 0.011 min
Response: 14562393
Conc: 54.62 ug/ml



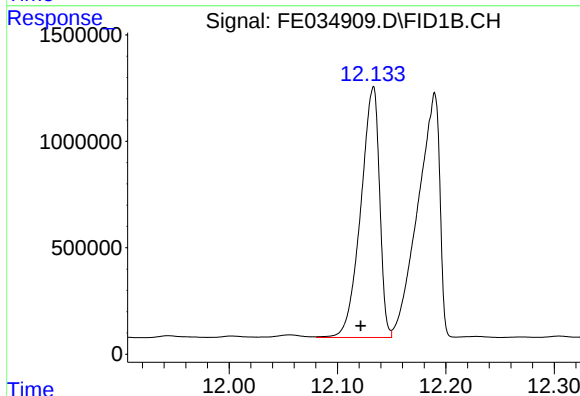
#9 ortho-Terphenyl (SURR)

R.T.: 11.141 min
Delta R.T.: 0.009 min
Response: 12325320
Conc: 42.08 ug/ml

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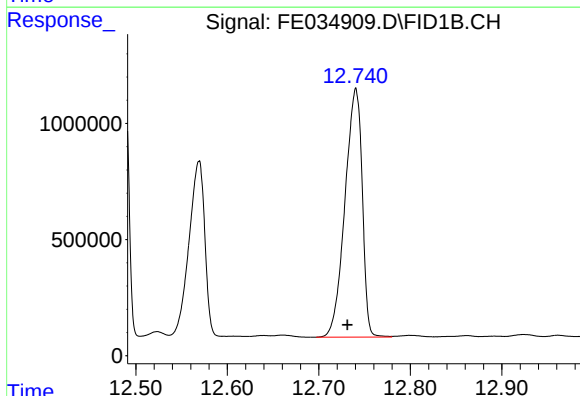
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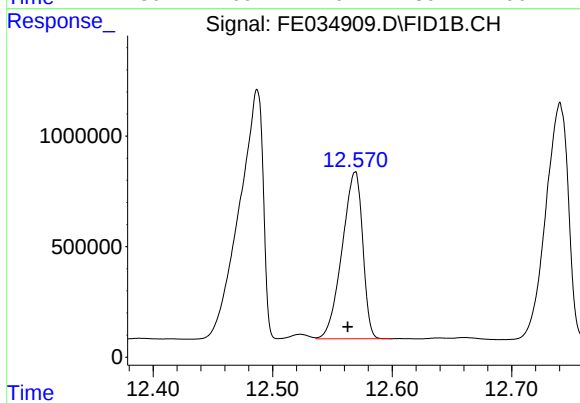
#10 n-Eicosane (C20)

R.T.: 12.133 min
Delta R.T.: 0.011 min
Response: 14195964
Conc: 54.36 ug/ml



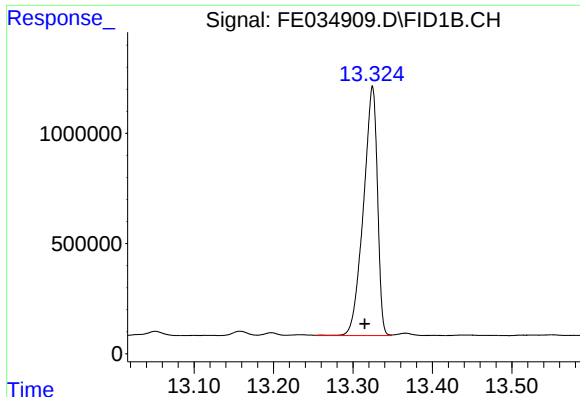
#11 n-Heneicosane (C21)

R.T.: 12.740 min
Delta R.T.: 0.009 min
Response: 14033323
Conc: 53.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.569 min
Delta R.T.: 0.006 min
Response: 9028742
Conc: 40.38 ug/ml



#13 n-Docosane (C22)

R.T.: 13.325 min
Delta R.T.: 0.010 min
Response: 13856744
Conc: 53.75 ug/ml

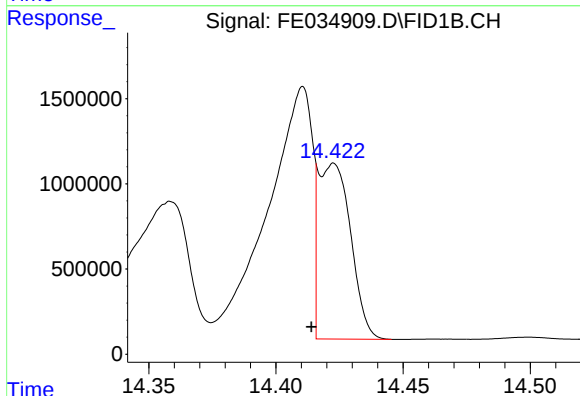
Instrument :

FID_E

ClientSampleId :
SMS

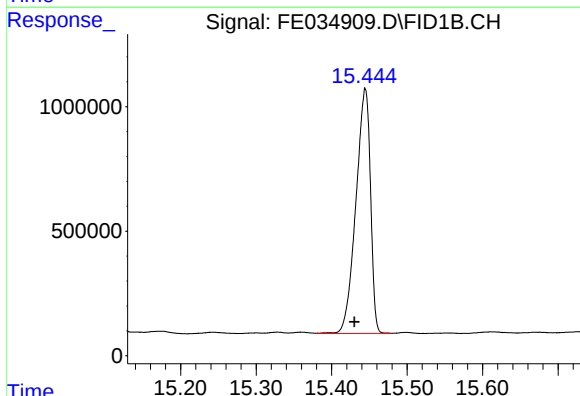
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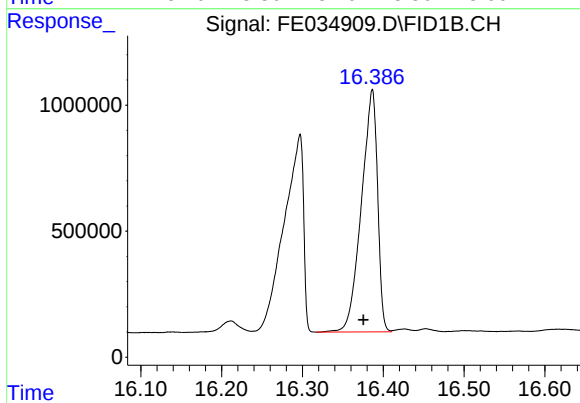
#14 n-Tetracosane (C24)

R.T.: 14.422 min
Delta R.T.: 0.008 min
Response: 9050455
Conc: 35.70 ug/ml m



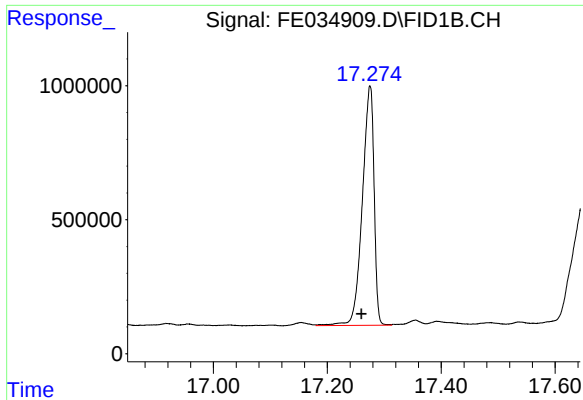
#15 n-Hexacosane (C26)

R.T.: 15.445 min
Delta R.T.: 0.014 min
Response: 13184837
Conc: 54.00 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.386 min
Delta R.T.: 0.011 min
Response: 13361548
Conc: 56.15 ug/ml



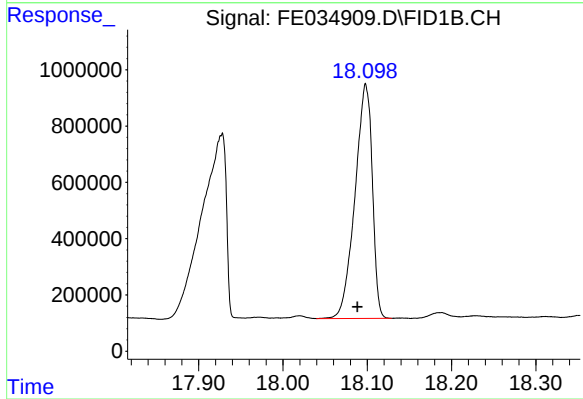
#17 n-Tricontane (C30)

R.T.: 17.275 min
Delta R.T.: 0.015 min
Response: 12782191
Conc: 55.58 ug/ml

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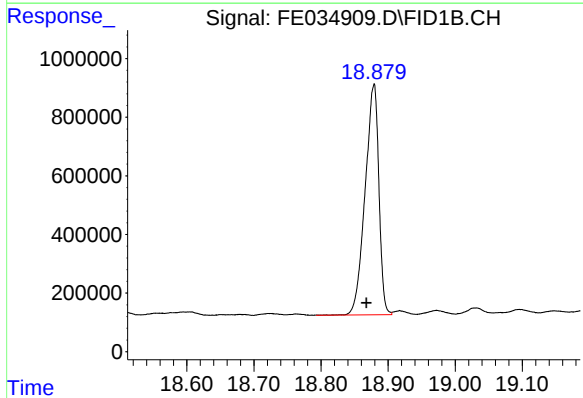
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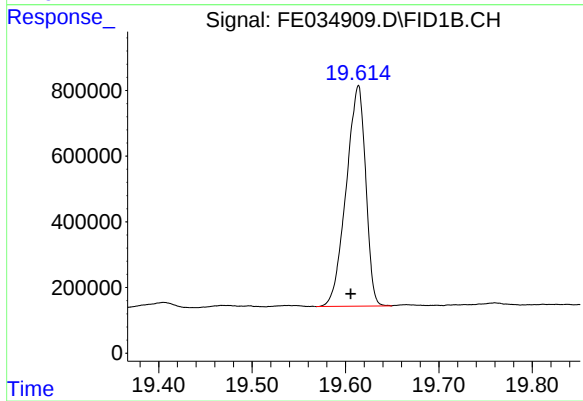
#18 n-Dotriacontane (C32)

R.T.: 18.098 min
Delta R.T.: 0.010 min
Response: 11907457
Conc: 55.71 ug/ml



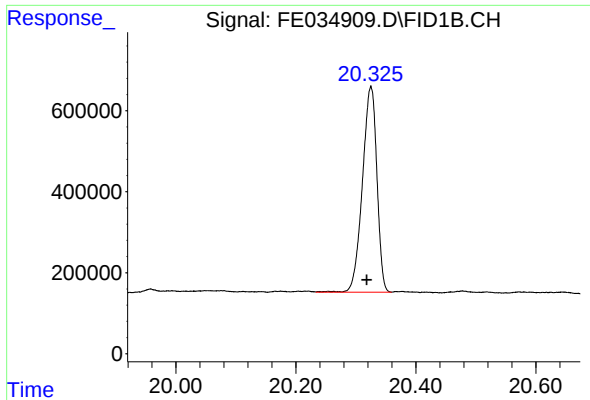
#19 n-Tetratriacontane (C34)

R.T.: 18.879 min
Delta R.T.: 0.011 min
Response: 11193291
Conc: 55.54 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.614 min
Delta R.T.: 0.008 min
Response: 9750597
Conc: 51.55 ug/ml



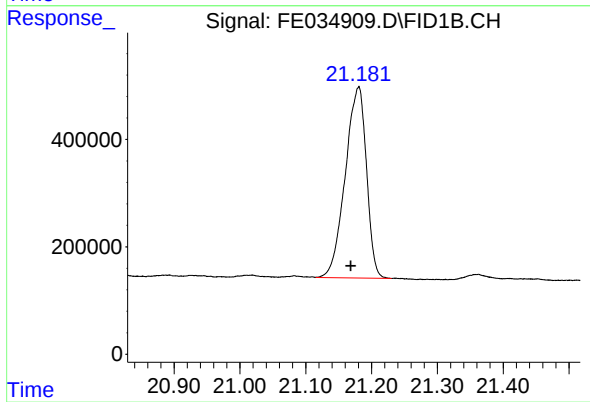
#21 n-Octatriacontane (C38)

R.T.: 20.325 min
Delta R.T.: 0.007 min
Response: 8509699
Conc: 46.78 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.180 min
Delta R.T.: 0.012 min
Response: 7968805
Conc: 43.50 ug/ml