

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061623AL\
 Data File : FE042664.D
 Signal(s) : FID1B.ch
 Acq On : 16 Jun 2023 17:44
 Operator : YP\AJ
 Sample : PB153493BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB153493BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/19/2023
 Supervised By :Ankita Jodhani 06/19/2023

Integration File: autoint1.e
 Quant Time: Jun 17 01:07:52 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 051823.M
 Quant Title : GC Extractables
 QLast Update : Thu May 18 06:27:12 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)	11.939	10203643	57.785 ug/ml
Spiked Amount 50.000		Recovery =	115.57%
12) S 1-chlorooctadecane (S...	13.373	7909696	59.526 ug/ml
Spiked Amount 50.000		Recovery =	119.05%
Target Compounds			
1) T n-Nonane (C9)	3.327	6422830	44.542 ug/ml
2) T n-Decane (C10)	4.574	6924297	46.774 ug/ml
3) T A~Naphthalene (C11.7)	6.277	7862611	48.189 ug/ml
4) T n-Dodecane (C12)	6.737	7585690	50.587 ug/ml
5) T A~2-methylnaphthalene...	7.373	7926226	49.944 ug/ml
6) T n-Tetradecane (C14)	8.568	8398062	56.059 ug/ml
7) T n-Hexadecane (C16)	10.175	9203934	59.087 ug/ml
8) T n-Octadecane (C18)	11.619	9464836	59.853 ug/ml
10) T n-Eicosane (C20)	12.929	9649086	63.656 ug/ml
11) T n-Heneicosane (C21)	13.541	9355027	63.144 ug/ml
13) T n-Docosane (C22)	14.127	9336474	63.688 ug/ml
14) T n-Tetracosane (C24)	15.225	18575422	128.678 ug/ml
15) T n-Hexacosane (C26)	16.253	9282405	67.022 ug/ml
16) T n-Octacosane (C28)	17.201	9091686	67.907 ug/ml
17) T n-Tricontane (C30)	18.091	8960468	66.378 ug/ml
18) T n-Dotriacontane (C32)	18.922	8537460	63.908 ug/ml
19) T n-Tetratriacontane (C34)	19.705	8281568	62.973 ug/ml
20) T n-Hexatriacontane (C36)	20.446	7558493	58.154 ug/ml
21) T n-Octatriacontane (C38)	21.190	7337044	54.079 ug/ml
22) T n-Tetracontane (C40)	22.115	7119940	51.179 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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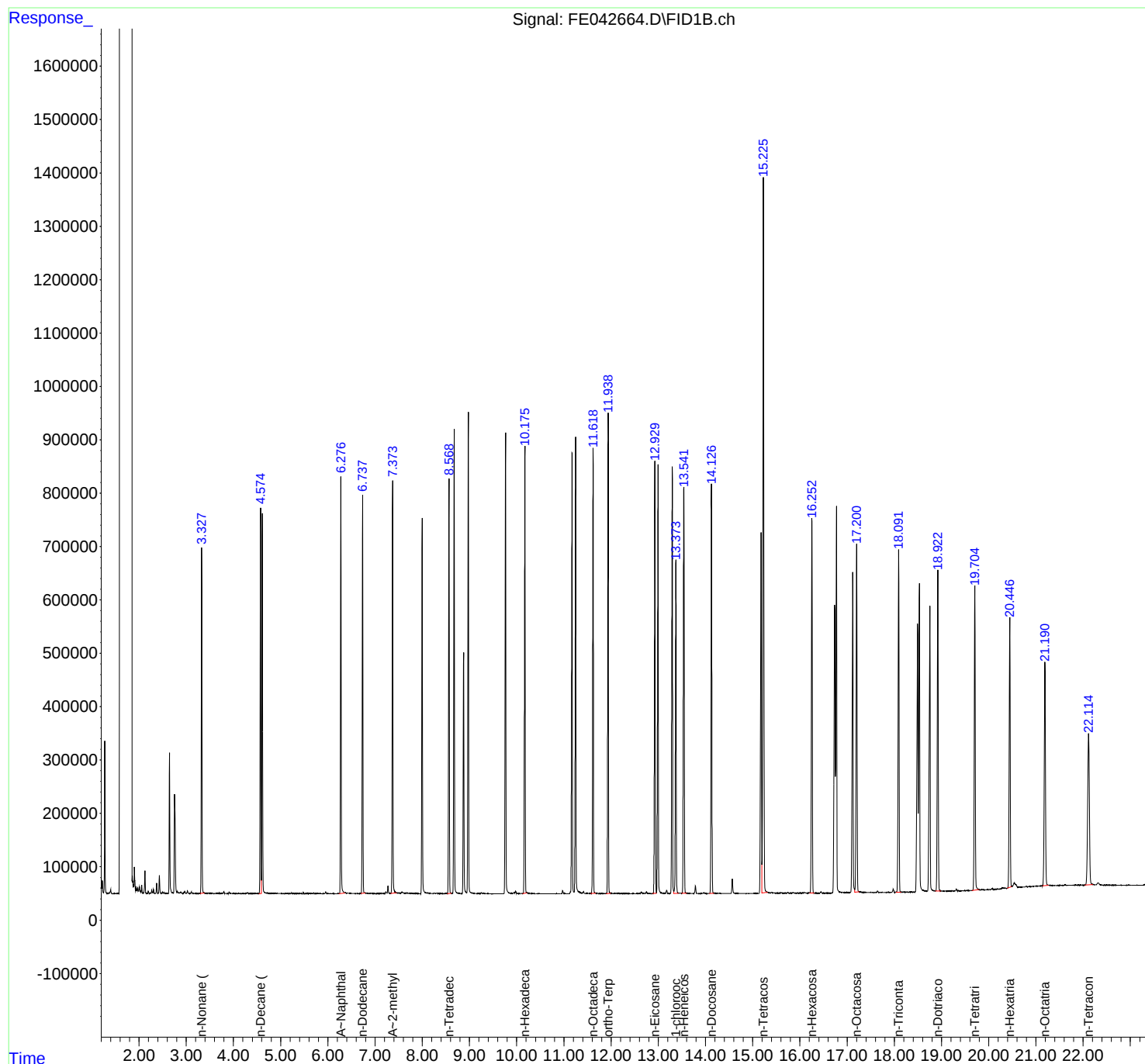
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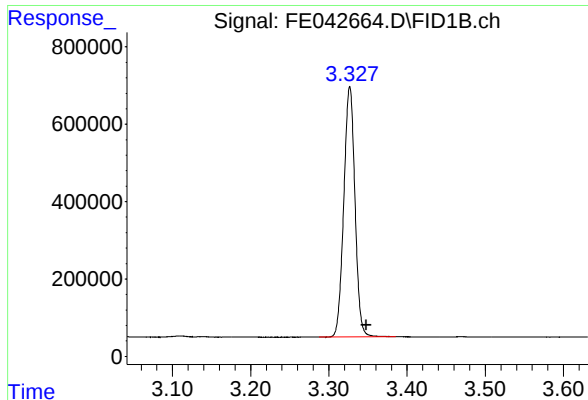
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#1 n-Nonane (C9)

R.T.: 3.327 min
Delta R.T.: -0.021 min
Response: 6422830
Conc: 44.54 ug/ml

Instrument :

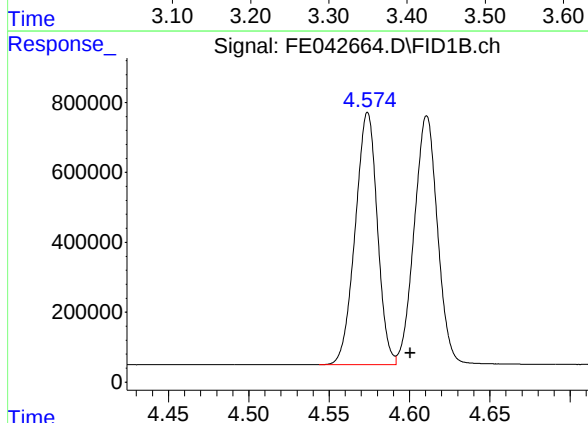
FID_E

ClientSampleId :

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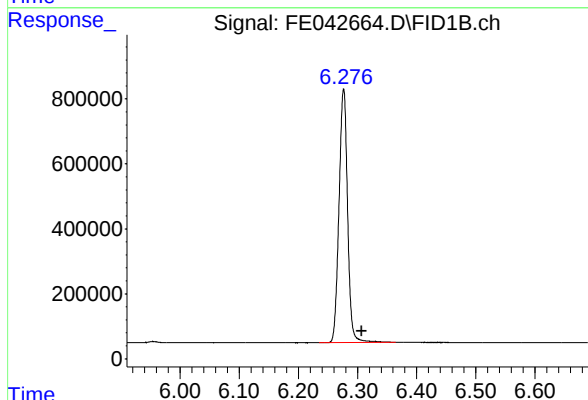
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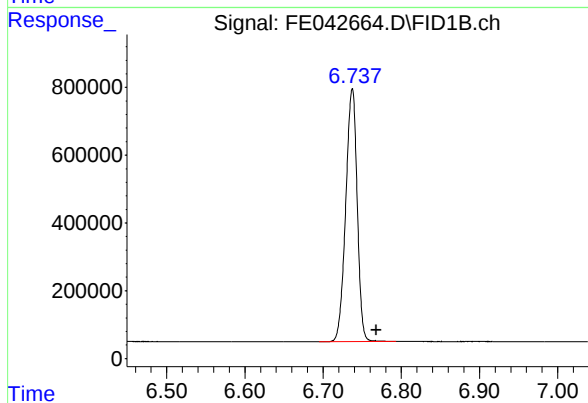
#2 n-Decane (C10)

R.T.: 4.574 min
Delta R.T.: -0.027 min
Response: 6924297
Conc: 46.77 ug/ml



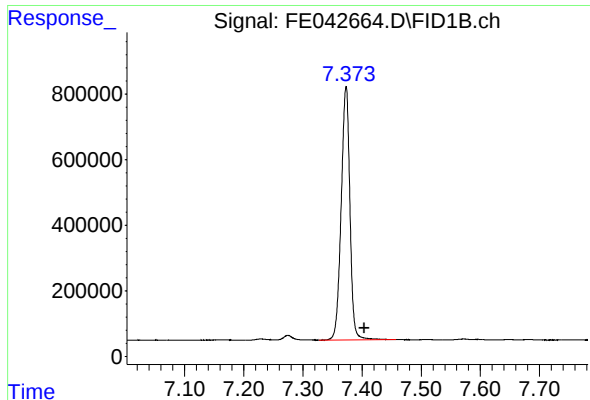
#3 A~Naphthalene (C11.7)

R.T.: 6.277 min
Delta R.T.: -0.030 min
Response: 7862611
Conc: 48.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.737 min
Delta R.T.: -0.031 min
Response: 7585690
Conc: 50.59 ug/ml



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

R.T.: 7.373 min
Delta R.T.: -0.031 min
Response: 7926226
Conc: 49.94 ug/ml

Instrument :

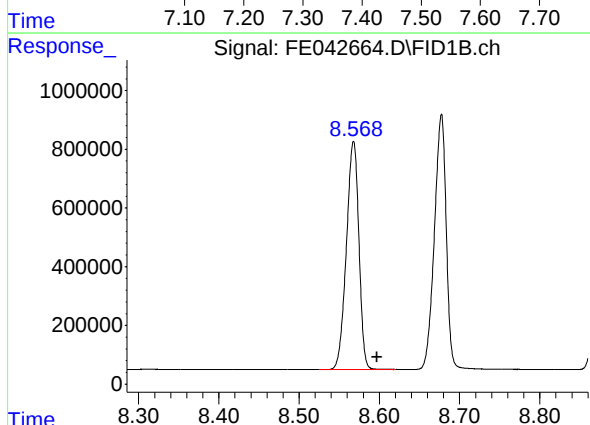
FID_E

ClientSampleId :

PB153493BSD

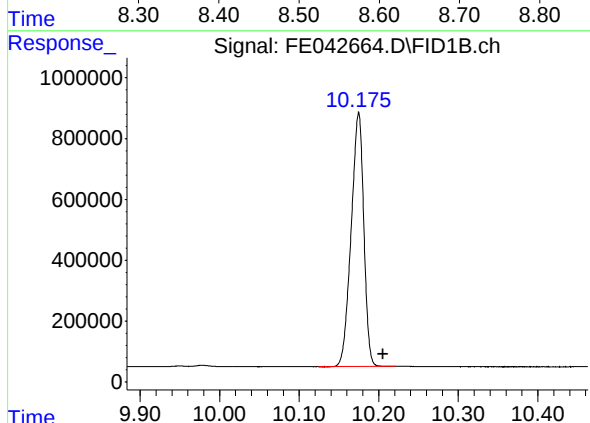
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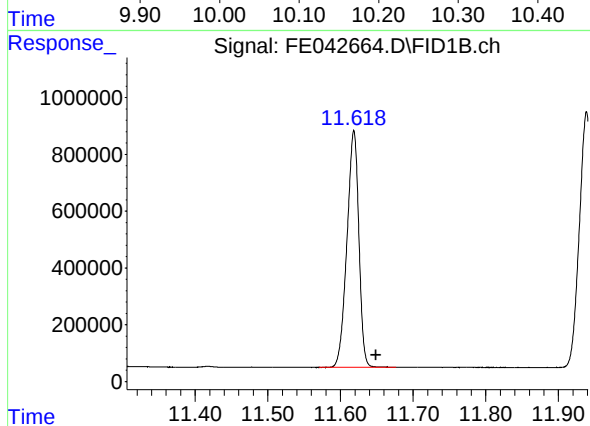
#6 n-Tetradecane (C14)

R.T.: 8.568 min
Delta R.T.: -0.029 min
Response: 8398062
Conc: 56.06 ug/ml



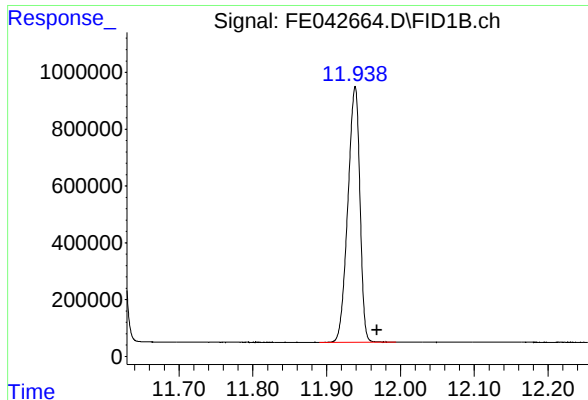
#7 n-Hexadecane (C16)

R.T.: 10.175 min
Delta R.T.: -0.030 min
Response: 9203934
Conc: 59.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.619 min
Delta R.T.: -0.031 min
Response: 9464836
Conc: 59.85 ug/ml



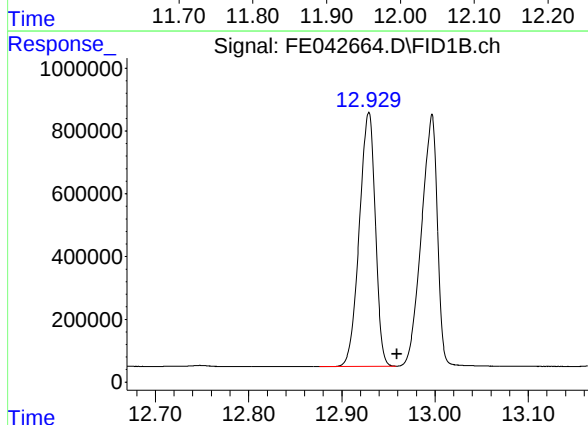
#9 ortho-Terphenyl (SURR)

R.T.: 11.939 min
Delta R.T.: -0.029 min
Response: 10203643
Conc: 57.79 ug/ml

Instrument :
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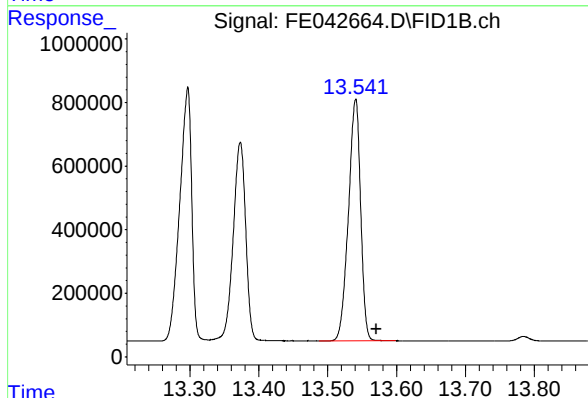
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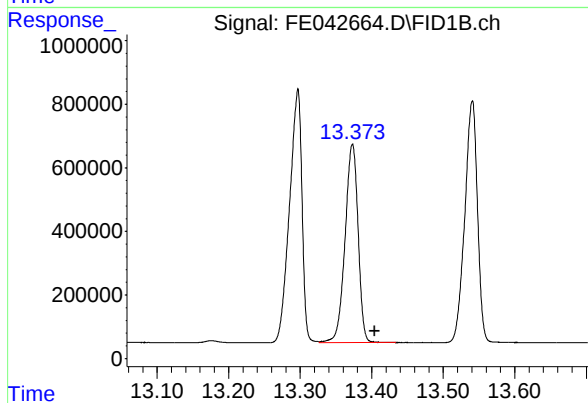
#10 n-Eicosane (C20)

R.T.: 12.929 min
Delta R.T.: -0.030 min
Response: 9649086
Conc: 63.66 ug/ml



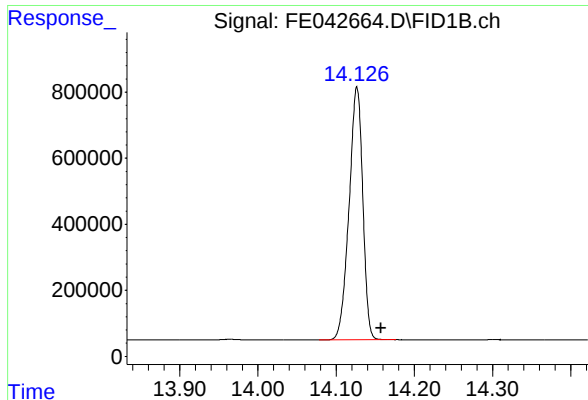
#11 n-Heneicosane (C21)

R.T.: 13.541 min
Delta R.T.: -0.030 min
Response: 9355027
Conc: 63.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.373 min
Delta R.T.: -0.031 min
Response: 7909696
Conc: 59.53 ug/ml



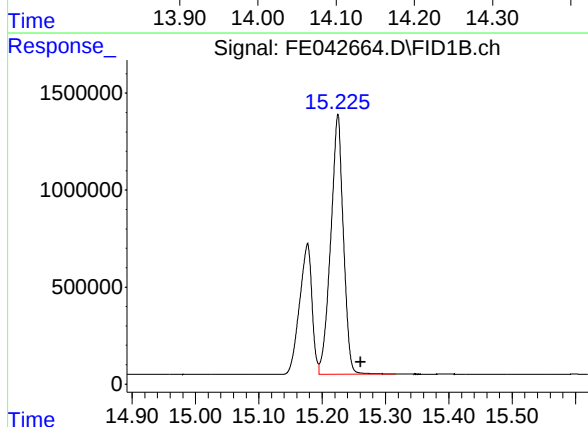
#13 n-Docosane (C22)

R.T.: 14.127 min
Delta R.T.: -0.030 min
Response: 9336474
Conc: 63.69 ug/ml

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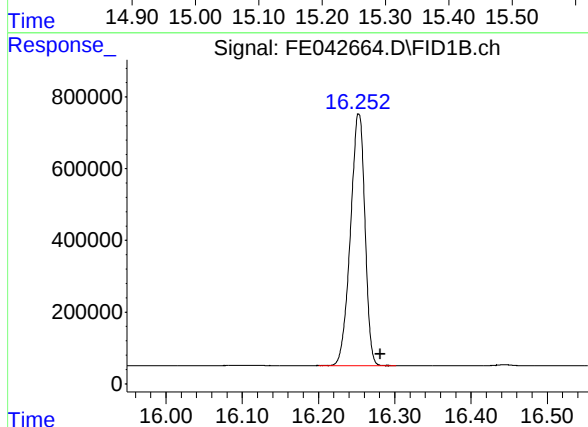
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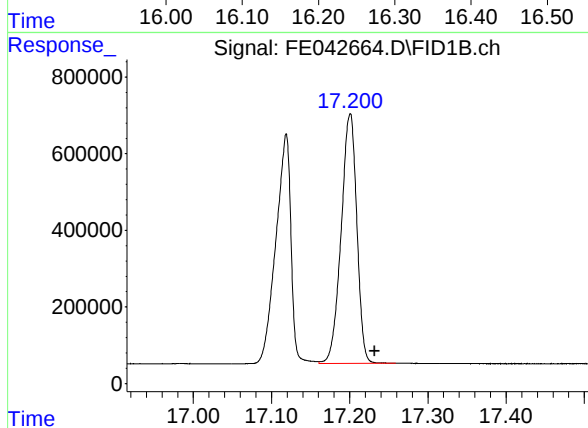
#14 n-Tetracosane (C24)

R.T.: 15.225 min
Delta R.T.: -0.036 min
Response: 18575422
Conc: 128.68 ug/ml



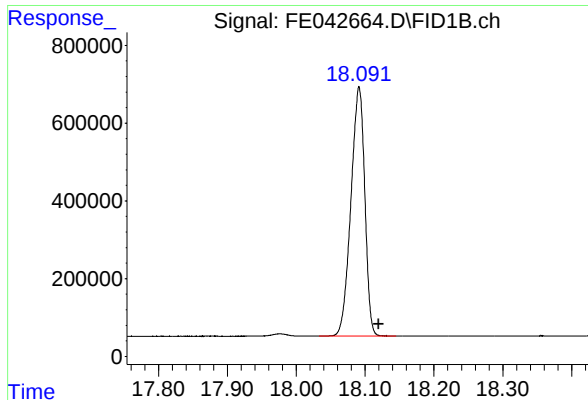
#15 n-Hexacosane (C26)

R.T.: 16.253 min
Delta R.T.: -0.028 min
Response: 9282405
Conc: 67.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.032 min
Response: 9091686
Conc: 67.91 ug/ml



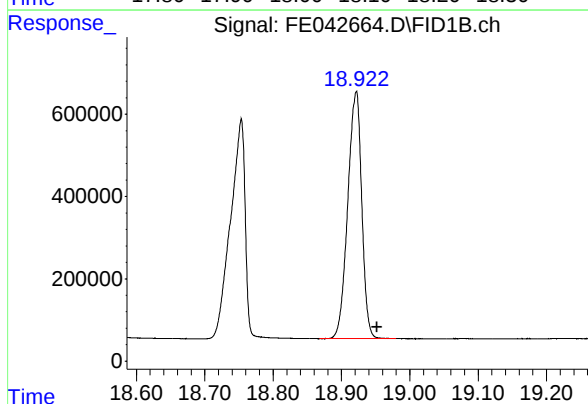
#17 n-Tricontane (C30)

R.T.: 18.091 min
Delta R.T.: -0.028 min
Response: 8960468
Conc: 66.38 ug/ml

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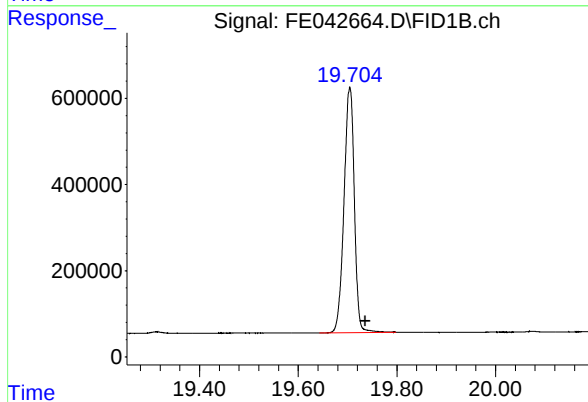
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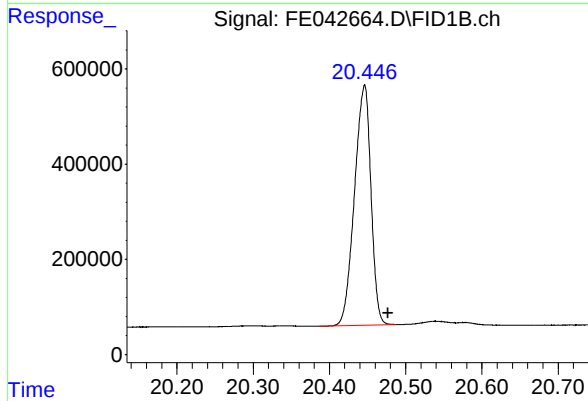
#18 n-Dotriacontane (C32)

R.T.: 18.922 min
Delta R.T.: -0.030 min
Response: 8537460
Conc: 63.91 ug/ml



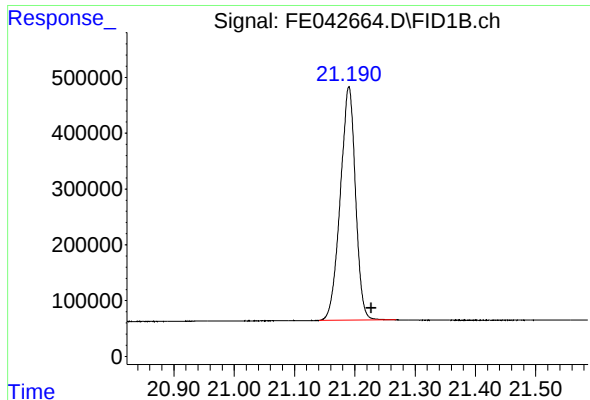
#19 n-Tetratriacontane (C34)

R.T.: 19.705 min
Delta R.T.: -0.032 min
Response: 8281568
Conc: 62.97 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.446 min
Delta R.T.: -0.031 min
Response: 7558493
Conc: 58.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.190 min
Delta R.T.: -0.037 min
Response: 7337044
Conc: 54.08 ug/ml

Instrument :

FID_E

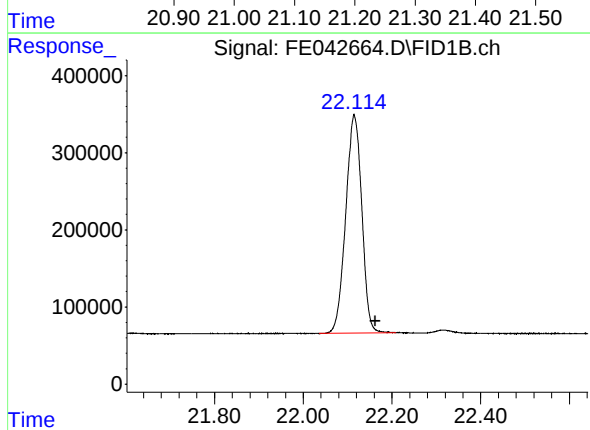
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#22 n-Tetracontane (C40)

R.T.: 22.115 min
Delta R.T.: -0.048 min
Response: 7119940
Conc: 51.18 ug/ml