

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092023AL\
 Data File : FE044364.D
 Signal(s) : FID1B.ch
 Acq On : 20 Sep 2023 17:19
 Operator : YP\AJ
 Sample : PB155709BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB155709BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/21/2023

Supervised By :Ankita Jodhani 09/21/2023

Integration File: autoint1.e

Quant Time: Sep 21 01:10:33 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 083023.M

Quant Title : GC Extractables

QLast Update : Thu Aug 31 03:37:37 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)	11.933	8806818	46.486 ug/ml
Spiked Amount 50.000		Recovery =	92.97%
12) S 1-chlorooctadecane (S...	13.371	6873297	49.753 ug/ml
Spiked Amount 50.000		Recovery =	99.51%
Target Compounds			
1) T n-Nonane (C9)	3.328	7616929	46.692 ug/ml
2) T n-Decane (C10)	4.575	8391001	50.483 ug/ml
3) T A~Naphthalene (C11.7)	6.273	9074668	50.677 ug/ml
4) T n-Dodecane (C12)	6.734	8784994	52.237 ug/ml
5) T A~2-methylnaphthalene...	7.368	8884029	51.822 ug/ml
6) T n-Tetradecane (C14)	8.563	8695795	51.851 ug/ml
7) T n-Hexadecane (C16)	10.170	8732805	50.527 ug/ml
8) T n-Octadecane (C18)	11.616	8736343	50.189 ug/ml
10) T n-Eicosane (C20)	12.928	8721155	52.724 ug/ml
11) T n-Heneicosane (C21)	13.539	8343267	51.580 ug/ml
13) T n-Docosane (C22)	14.126	8208112	51.377 ug/ml
14) T n-Tetracosane (C24)	15.220	15565220	99.536 ug/ml
15) T n-Hexacosane (C26)	16.255	7691071	51.017 ug/ml
16) T n-Octacosane (C28)	17.203	7700333	53.359 ug/ml
17) T n-Tricontane (C30)	18.095	7663150	52.747 ug/ml
18) T n-Dotriacontane (C32)	18.927	7604055	53.382 ug/ml
19) T n-Tetratriacontane (C34)	19.715	7641523	54.606 ug/ml
20) T n-Hexatriacontane (C36)	20.455	7519833	54.851 ug/ml
21) T n-Octatriacontane (C38)	21.200	7888756	56.829 ug/ml
22) T n-Tetracontane (C40)	22.125	8199262	59.303 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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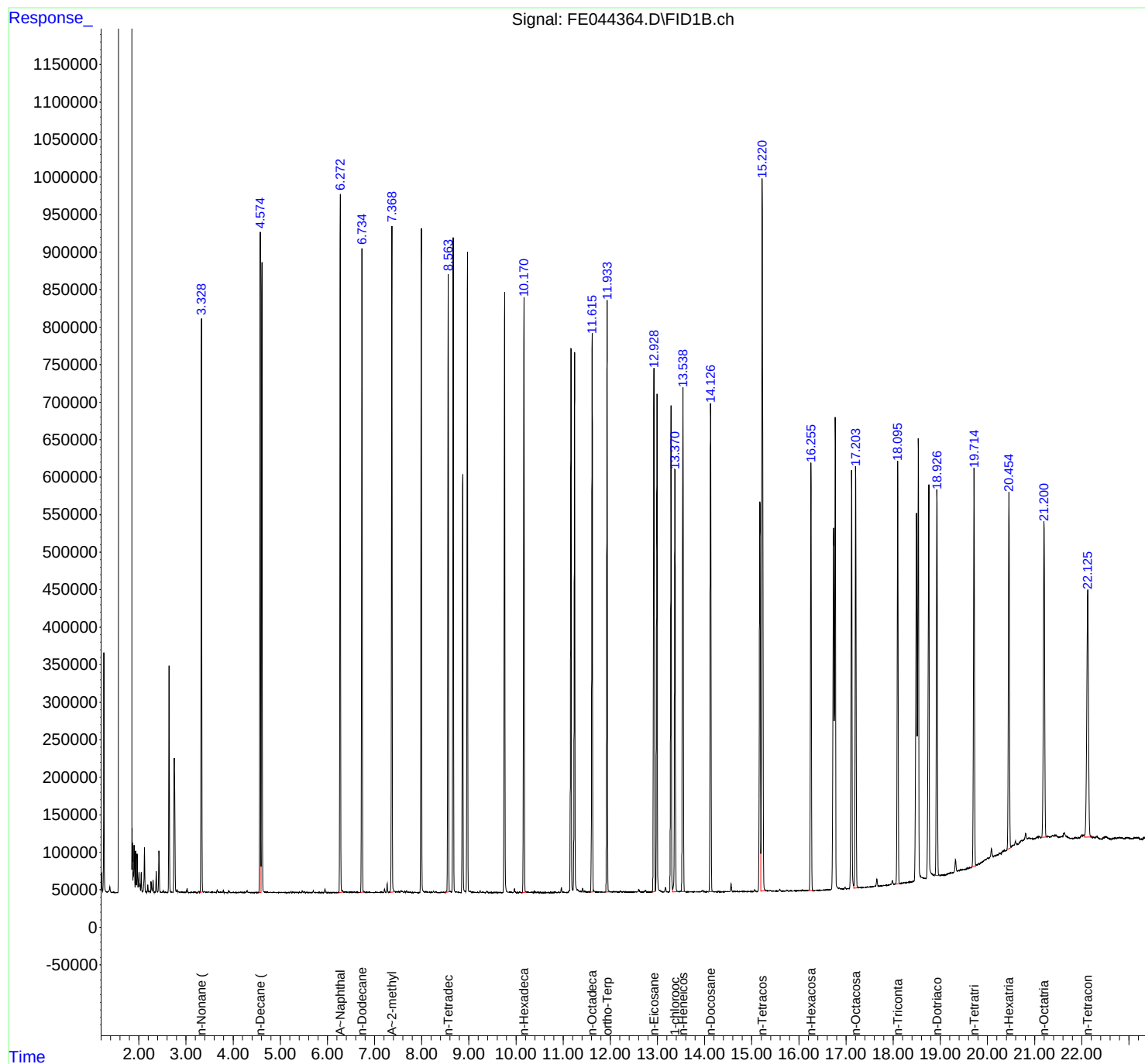
Response via : Initial Calibration

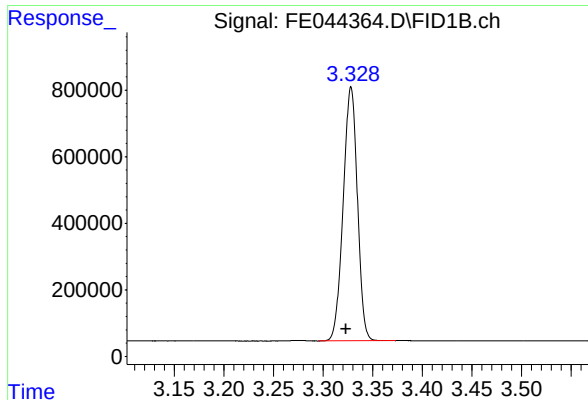
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.328 min
Delta R.T.: 0.005 min
Response: 7616929
Conc: 46.69 ug/ml

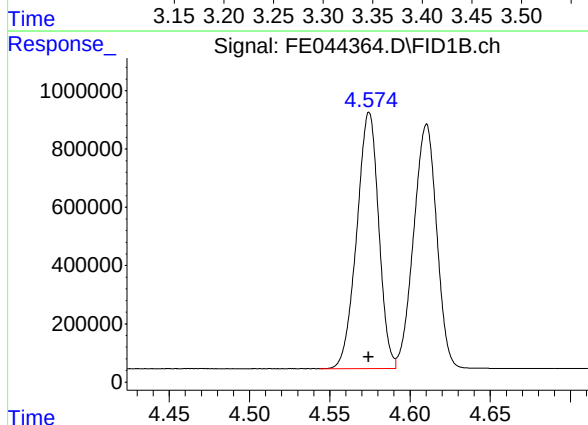
Instrument :

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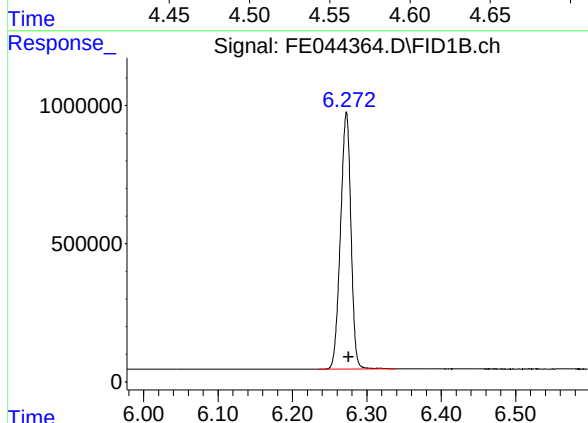
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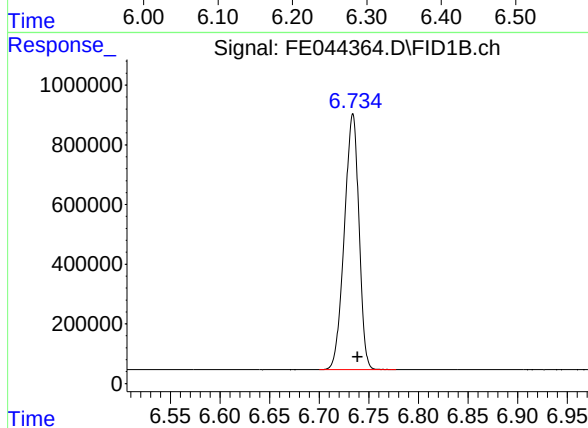
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: 0.000 min
Response: 8391001
Conc: 50.48 ug/ml



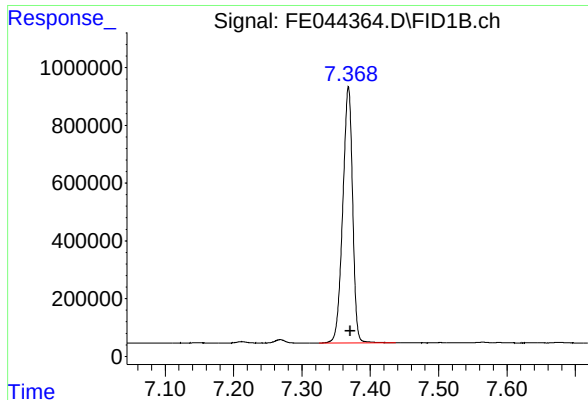
#3 A~Naphthalene (C11.7)

R.T.: 6.273 min
Delta R.T.: -0.003 min
Response: 9074668
Conc: 50.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.734 min
Delta R.T.: -0.005 min
Response: 8784994
Conc: 52.24 ug/ml



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

R.T.: 7.368 min
Delta R.T.: -0.003 min
Response: 8884029
Conc: 51.82 ug/ml

Instrument :

FID_E

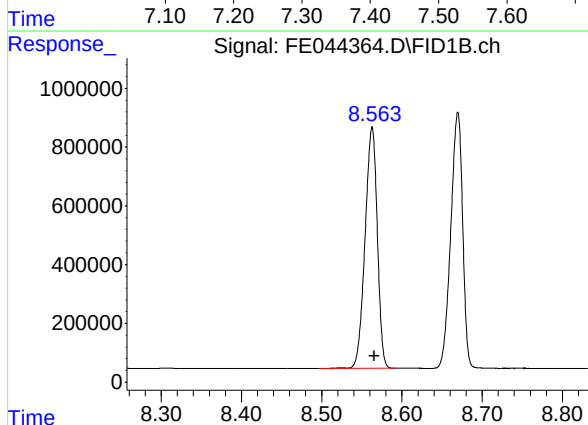
ClientSampleId :

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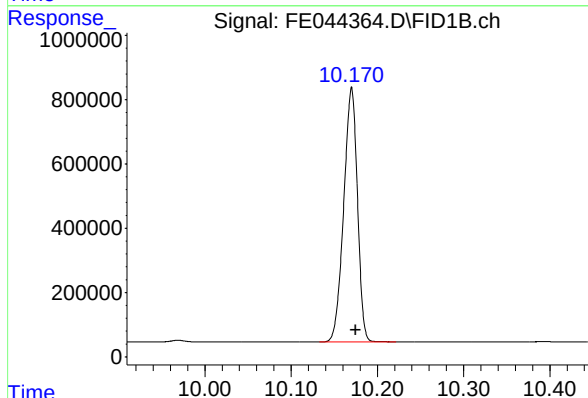
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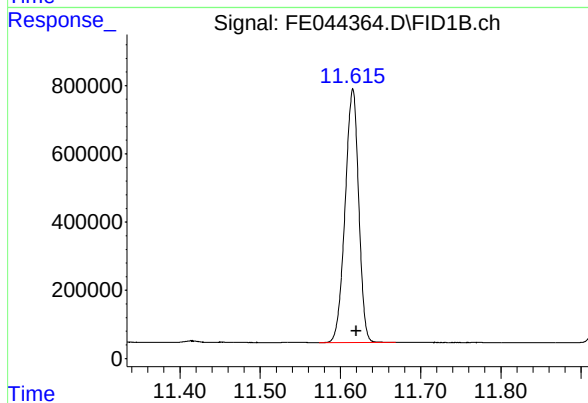
#6 n-Tetradecane (C14)

R.T.: 8.563 min
Delta R.T.: -0.003 min
Response: 8695795
Conc: 51.85 ug/ml



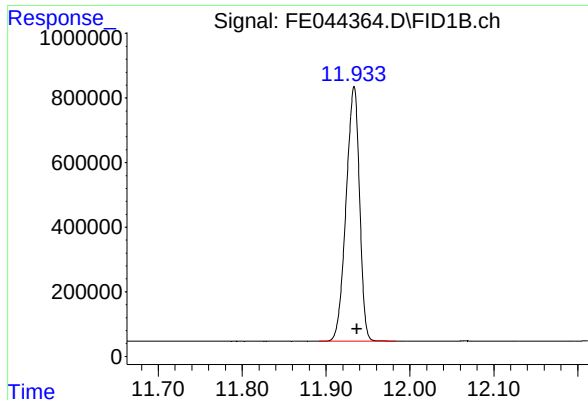
#7 n-Hexadecane (C16)

R.T.: 10.170 min
Delta R.T.: -0.005 min
Response: 8732805
Conc: 50.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.616 min
Delta R.T.: -0.004 min
Response: 8736343
Conc: 50.19 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.933 min
Delta R.T.: -0.003 min
Response: 8806818
Conc: 46.49 ug/ml

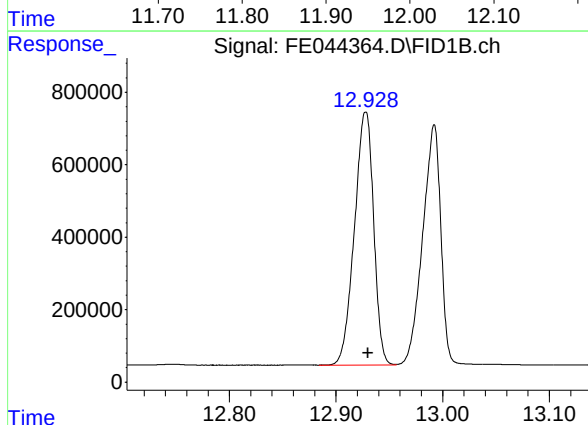
Instrument :

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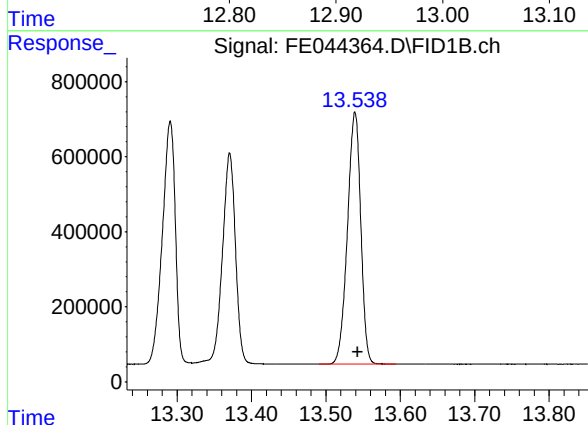
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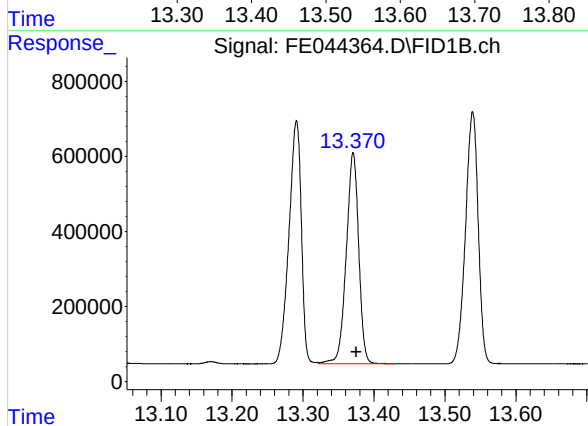
#10 n-Eicosane (C20)

R.T.: 12.928 min
Delta R.T.: -0.002 min
Response: 8721155
Conc: 52.72 ug/ml



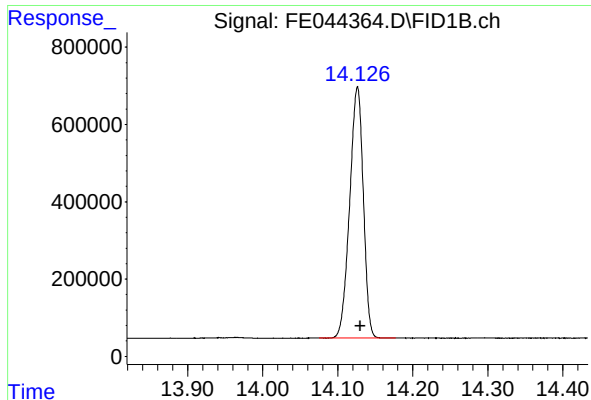
#11 n-Heneicosane (C21)

R.T.: 13.539 min
Delta R.T.: -0.004 min
Response: 8343267
Conc: 51.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.371 min
Delta R.T.: -0.004 min
Response: 6873297
Conc: 49.75 ug/ml



#13 n-Docosane (C22)

R.T.: 14.126 min
Delta R.T.: -0.004 min
Response: 8208112
Conc: 51.38 ug/ml

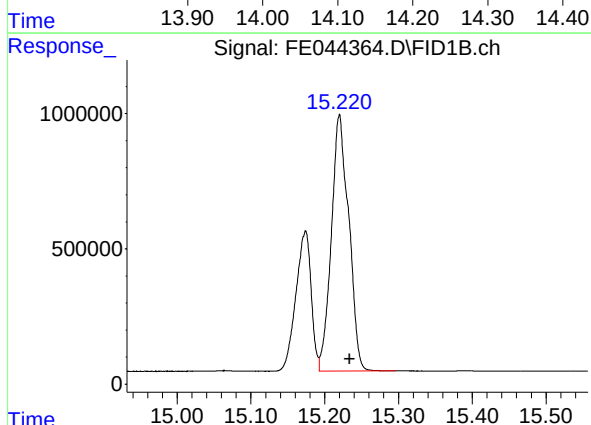
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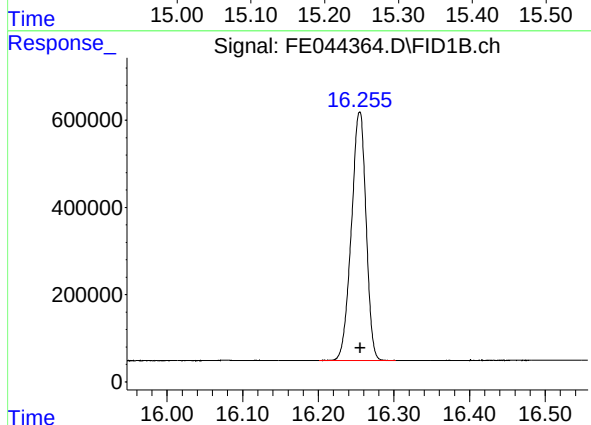
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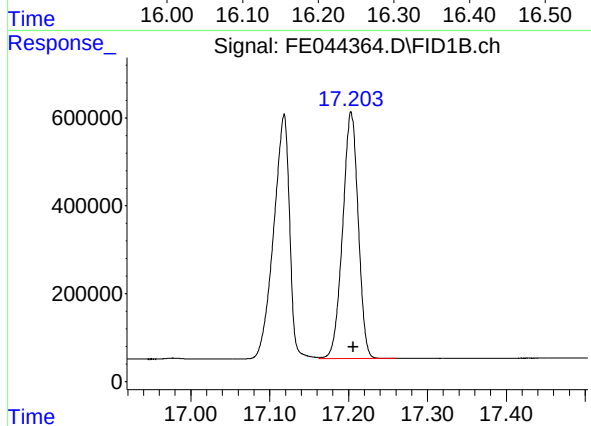
#14 n-Tetracosane (C24)

R.T.: 15.220 min
Delta R.T.: -0.014 min
Response: 15565220
Conc: 99.54 ug/ml



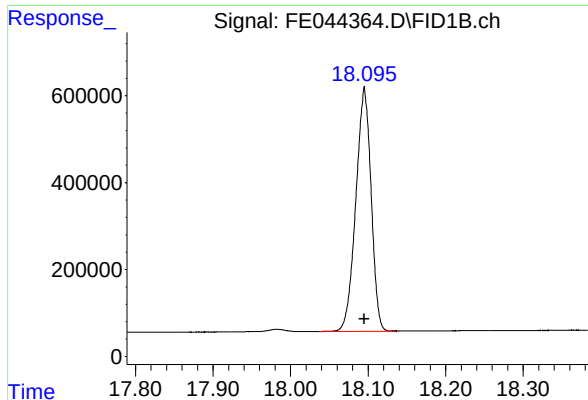
#15 n-Hexacosane (C26)

R.T.: 16.255 min
Delta R.T.: 0.000 min
Response: 7691071
Conc: 51.02 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.203 min
Delta R.T.: -0.003 min
Response: 7700333
Conc: 53.36 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.095 min
Delta R.T.: 0.000 min
Response: 7663150
Conc: 52.75 ug/ml

Instrument :

FID_E

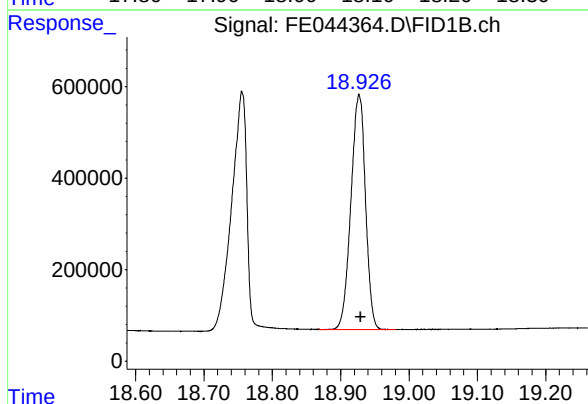
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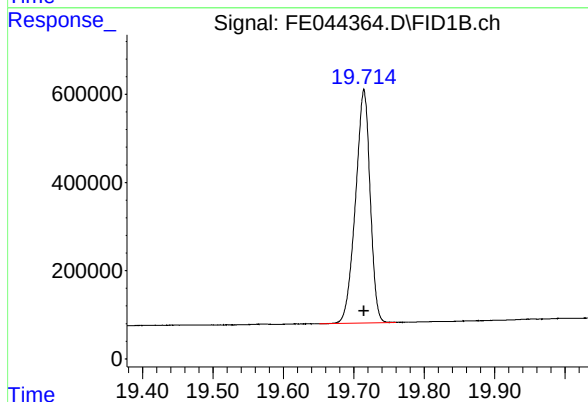
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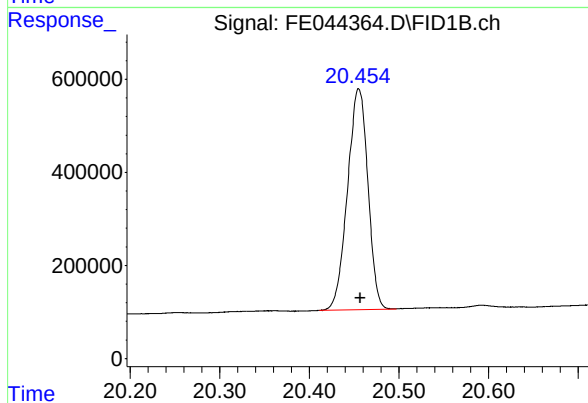
#18 n-Dotriacontane (C32)

R.T.: 18.927 min
Delta R.T.: -0.002 min
Response: 7604055
Conc: 53.38 ug/ml



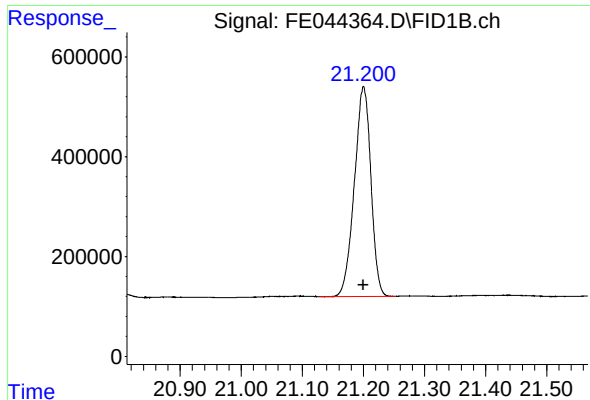
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: 0.000 min
Response: 7641523
Conc: 54.61 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.002 min
Response: 7519833
Conc: 54.85 ug/ml



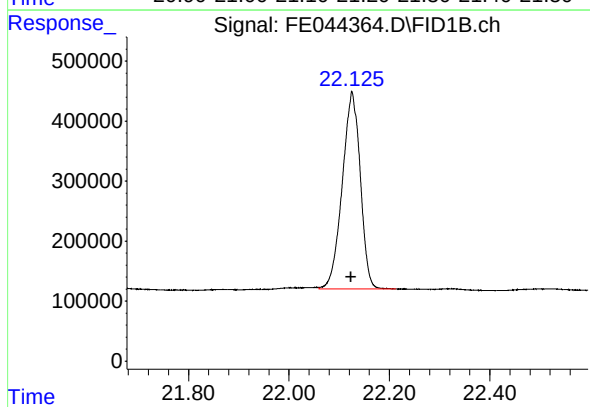
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: 0.000 min
Response: 7888756
Conc: 56.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.125 min
Delta R.T.: 0.001 min
Response: 8199262
Conc: 59.30 ug/ml m