

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE041423AL\
 Data File : FE041368.D
 Signal(s) : FID1B.ch
 Acq On : 14 Apr 2023 17:40
 Operator : YP\AJ
 Sample : 02349-01MS
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 NB-07-041323MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/17/2023
 Supervised By :Ankita Jodhani 04/17/2023

Integration File: autoint1.e
 Quant Time: Apr 15 01:22:20 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 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)	11.843	6811821	36.245 ug/ml
Spiked Amount 50.000		Recovery =	72.49%
12) S 1-chlorooctadecane (S...	13.282	12180821	84.660 ug/ml
Spiked Amount 50.000		Recovery =	169.32%
Target Compounds			
1) T n-Nonane (C9)	3.238	4904966	28.269 ug/ml
2) T n-Decane (C10)	4.486	5632653	33.091 ug/mlm
3) T A~Naphthalene (C11.7)	6.187	6599947	36.083 ug/ml
4) T n-Dodecane (C12)	6.651	7513294	43.314 ug/ml
5) T A~2-methylnaphthalene...	7.284	6707593	40.501 ug/mlm
6) T n-Tetradecane (C14)	8.480	8241649	47.267 ug/ml
7) T n-Hexadecane (C16)	10.085	8083309	45.449 ug/ml
8) T n-Octadecane (C18)	11.528	8237775	46.137 ug/ml
10) T n-Eicosane (C20)	12.839	8166004	47.874 ug/ml
11) T n-Heneicosane (C21)	13.451	7726063	45.666 ug/ml
13) T n-Docosane (C22)	14.038	7620565	46.050 ug/ml
14) T n-Tetracosane (C24)	15.139	14878712	91.965 ug/ml
15) T n-Hexacosane (C26)	16.166	7293015	47.047 ug/ml
16) T n-Octacosane (C28)	17.116	7372344	48.128 ug/ml
17) T n-Tricontane (C30)	18.009	7275098	47.595 ug/ml
18) T n-Dotriacontane (C32)	18.841	7219419	46.240 ug/ml
19) T n-Tetratriacontane (C34)	19.626	7215888	46.564 ug/ml
20) T n-Hexatriacontane (C36)	20.371	7750993	51.027 ug/ml
21) T n-Octatriacontane (C38)	21.097	7253160	46.430 ug/ml
22) T n-Tetracontane (C40)	21.981	7841281	49.129 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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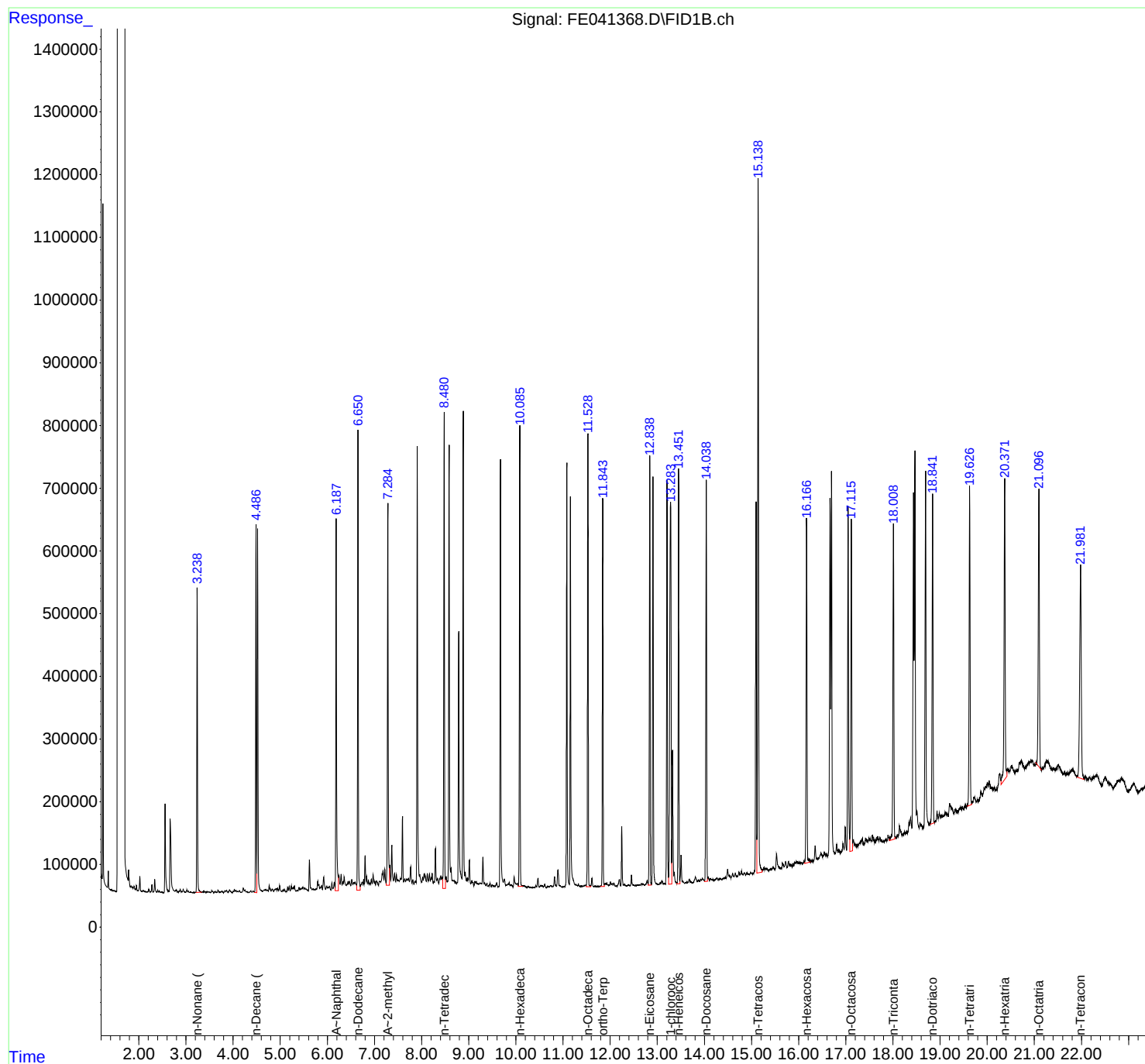
Instrument :
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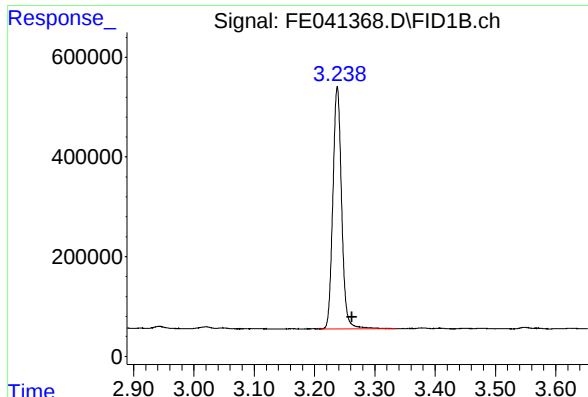
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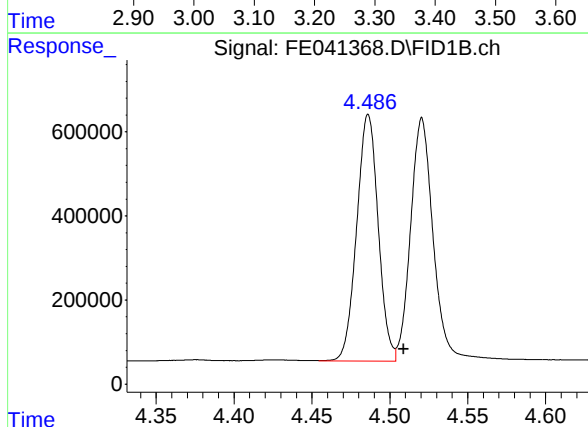
#1 n-Nonane (C9)

R.T.: 3.238 min
Delta R.T.: -0.024 min
Response: 4904966
Conc: 28.27 ug/ml

Instrument :
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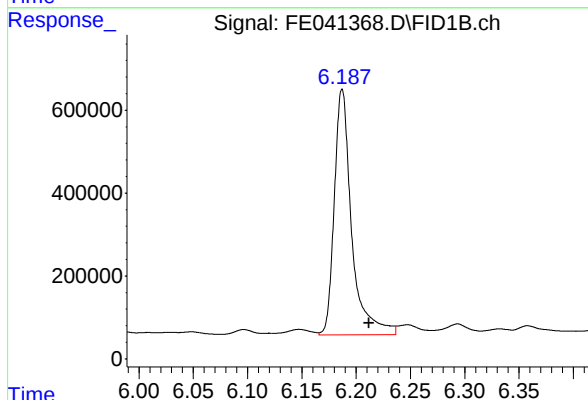
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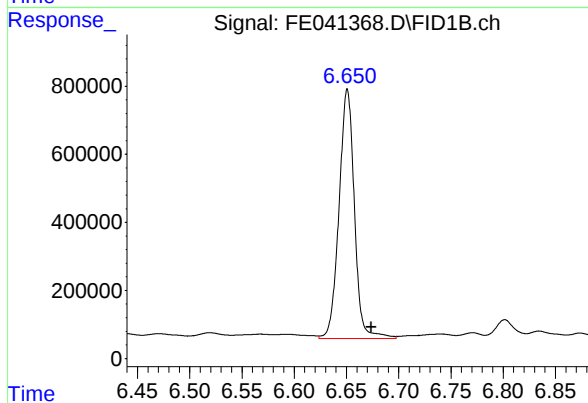
#2 n-Decane (C10)

R.T.: 4.486 min
Delta R.T.: -0.023 min
Response: 5632653
Conc: 33.09 ug/ml



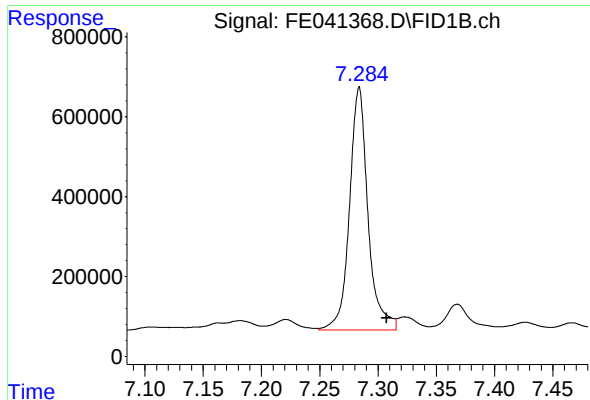
#3 A~Naphthalene (C11.7)

R.T.: 6.187 min
Delta R.T.: -0.025 min
Response: 6599947
Conc: 36.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.651 min
Delta R.T.: -0.023 min
Response: 7513294
Conc: 43.31 ug/ml



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

R.T.: 7.284 min
Delta R.T.: -0.024 min
Response: 6707593
Conc: 40.50 ug/ml

Instrument :

FID_E

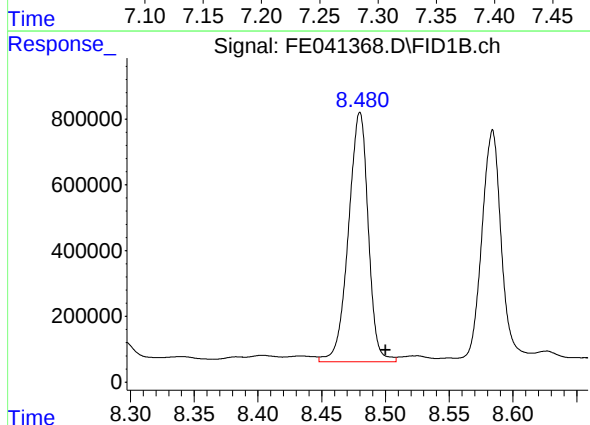
ClientSampleId :

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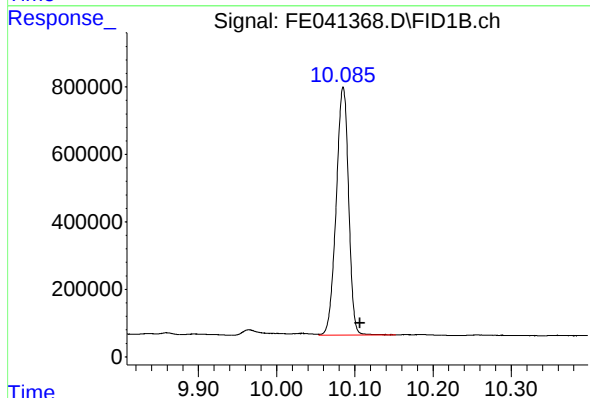
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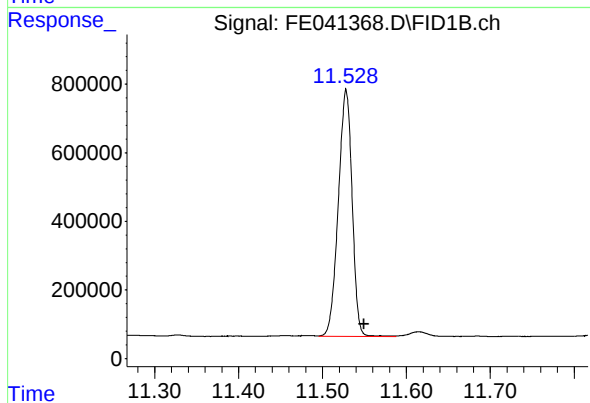
#6 n-Tetradecane (C14)

R.T.: 8.480 min
Delta R.T.: -0.020 min
Response: 8241649
Conc: 47.27 ug/ml



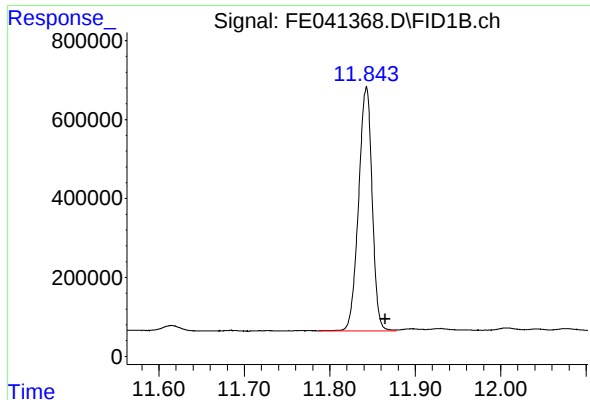
#7 n-Hexadecane (C16)

R.T.: 10.085 min
Delta R.T.: -0.021 min
Response: 8083309
Conc: 45.45 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.528 min
Delta R.T.: -0.021 min
Response: 8237775
Conc: 46.14 ug/ml



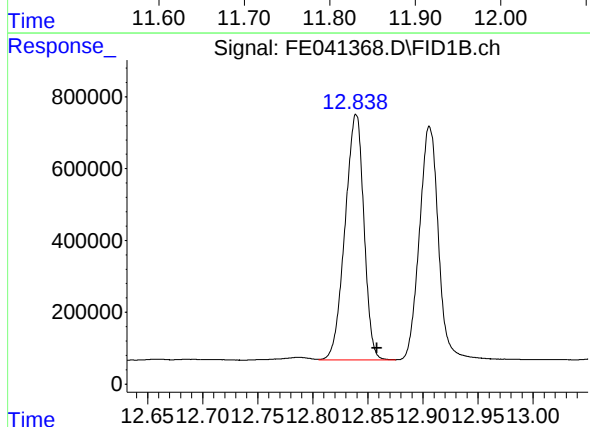
#9 ortho-Terphenyl (SURR)

R.T.: 11.843 min
Delta R.T.: -0.022 min
Response: 6811821
Conc: 36.24 ug/ml

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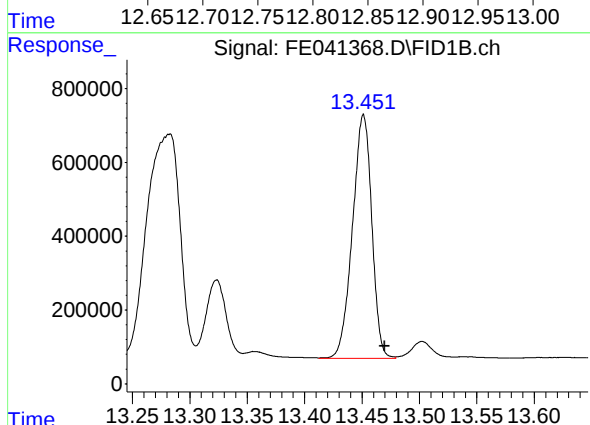
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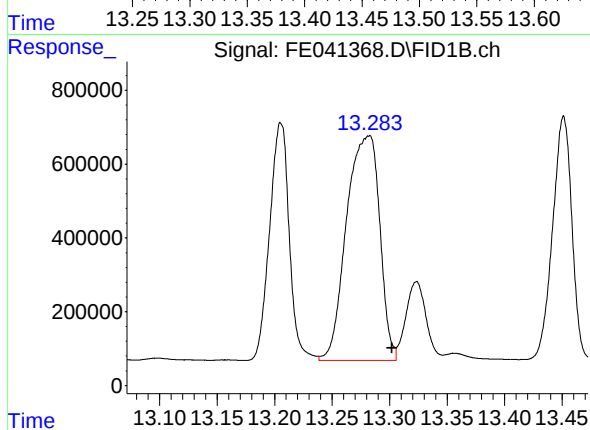
#10 n-Eicosane (C20)

R.T.: 12.839 min
Delta R.T.: -0.019 min
Response: 8166004
Conc: 47.87 ug/ml



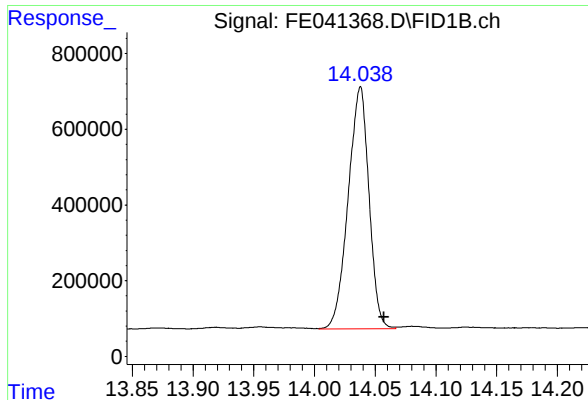
#11 n-Heneicosane (C21)

R.T.: 13.451 min
Delta R.T.: -0.019 min
Response: 7726063
Conc: 45.67 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.282 min
Delta R.T.: -0.020 min
Response: 12180821
Conc: 84.66 ug/ml



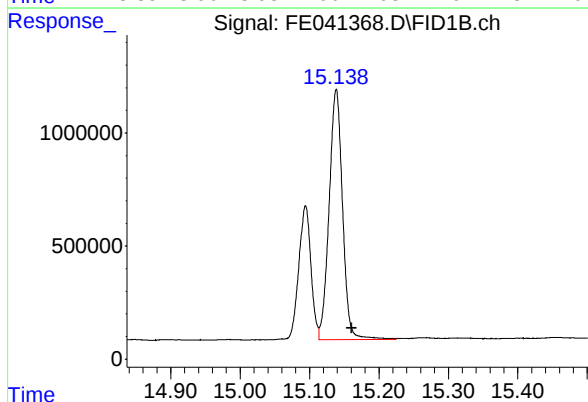
#13 n-Docosane (C22)

R.T.: 14.038 min
Delta R.T.: -0.019 min
Response: 7620565
Conc: 46.05 ug/ml

Instrument :
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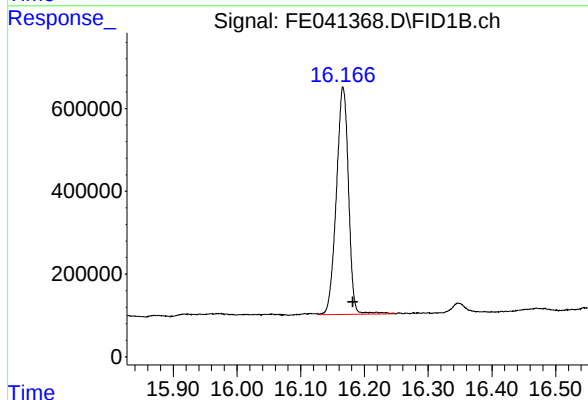
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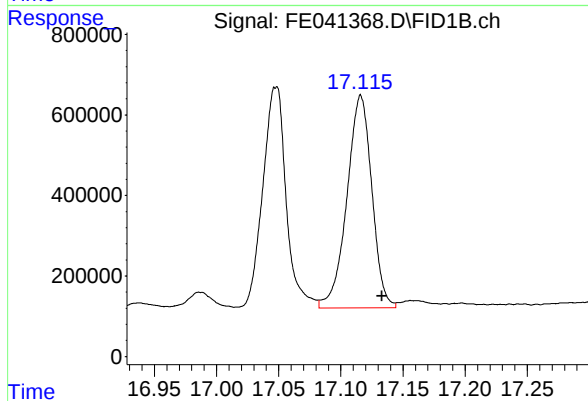
#14 n-Tetracosane (C24)

R.T.: 15.139 min
Delta R.T.: -0.022 min
Response: 14878712
Conc: 91.97 ug/ml



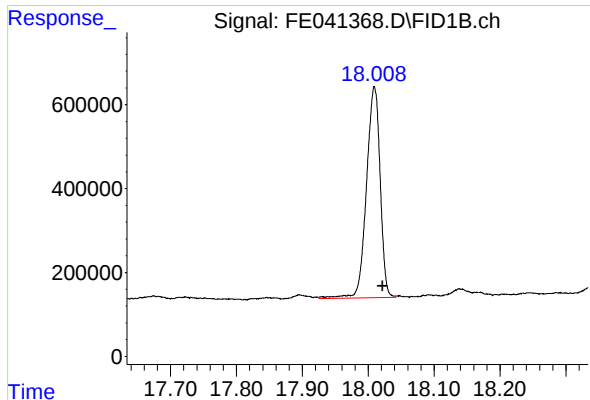
#15 n-Hexacosane (C26)

R.T.: 16.166 min
Delta R.T.: -0.016 min
Response: 7293015
Conc: 47.05 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.116 min
Delta R.T.: -0.017 min
Response: 7372344
Conc: 48.13 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.009 min
Delta R.T.: -0.013 min
Response: 7275098
Conc: 47.59 ug/ml

Instrument :

FID_E

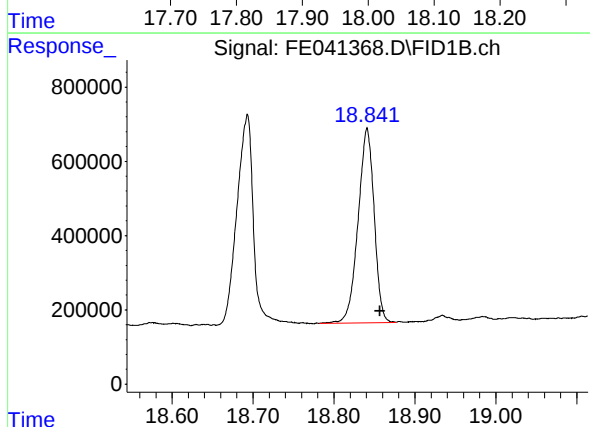
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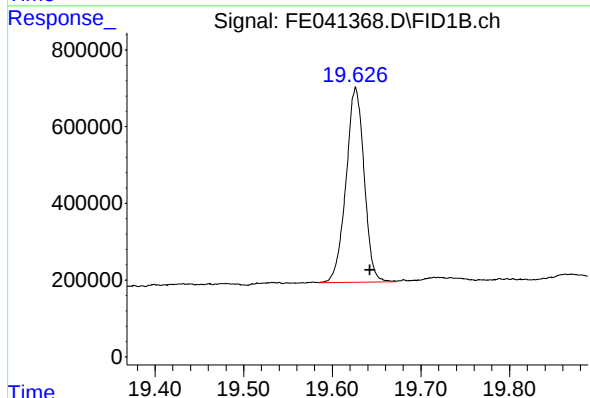
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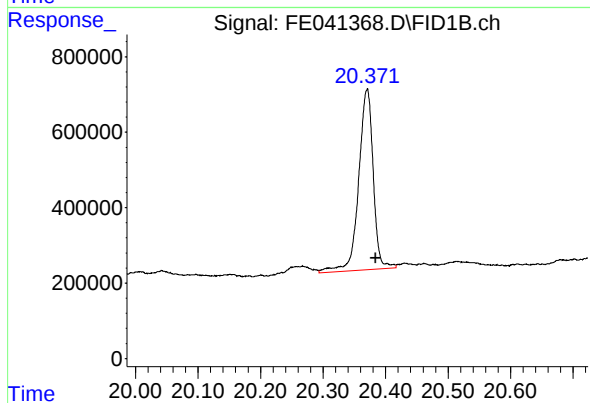
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.016 min
Response: 7219419
Conc: 46.24 ug/ml



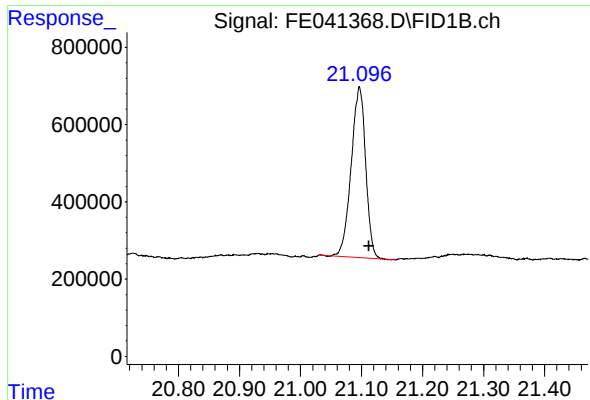
#19 n-Tetratriacontane (C34)

R.T.: 19.626 min
Delta R.T.: -0.016 min
Response: 7215888
Conc: 46.56 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.014 min
Response: 7750993
Conc: 51.03 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.097 min
Delta R.T.: -0.015 min
Response: 7253160
Conc: 46.43 ug/ml

Instrument :

FID_E

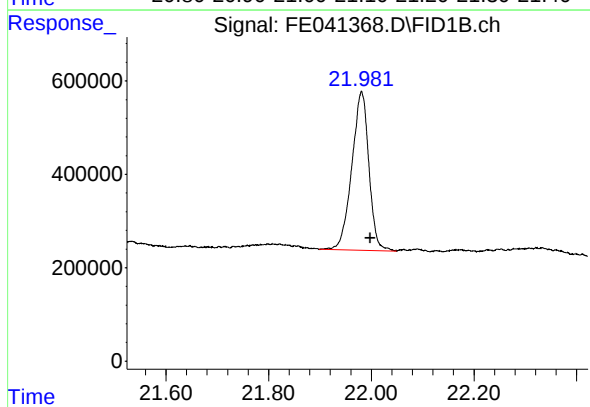
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#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: -0.017 min
Response: 7841281
Conc: 49.13 ug/ml m