

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE103123AL\
 Data File : FE045104.D
 Signal(s) : FID1B.ch
 Acq On : 31 Oct 2023 15:19
 Operator : YP\AJ
 Sample : PB156749BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156749BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/01/2023
 Supervised By :mohammad ahmed 11/01/2023

Integration File: autoint1.e
 Quant Time: Oct 31 23:53:29 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)	11.896	6897852	34.409 ug/ml
Spiked Amount 50.000		Recovery =	68.82%
12) S 1-chlorooctadecane (S...	13.339	5232392	35.357 ug/ml
Spiked Amount 50.000		Recovery =	70.71%
Target Compounds			
1) T n-Nonane (C9)	3.290	6716648	40.039 ug/ml
2) T n-Decane (C10)	4.537	7397159	43.423 ug/ml
3) T A~Naphthalene (C11.7)	6.232	8109112	43.805 ug/ml
4) T n-Dodecane (C12)	6.697	7833432	45.380 ug/ml
5) T A~2-methylnaphthalene...	7.328	7855657	43.548 ug/ml
6) T n-Tetradecane (C14)	8.525	7816258	45.582 ug/ml
7) T n-Hexadecane (C16)	10.135	7745996	44.296 ug/ml
8) T n-Octadecane (C18)	11.582	7697401	44.133 ug/ml
10) T n-Eicosane (C20)	12.894	7555813	45.236 ug/ml
11) T n-Heneicosane (C21)	13.508	7166521	43.963 ug/ml
13) T n-Docosane (C22)	14.095	7053945	44.100 ug/ml
14) T n-Tetracosane (C24)	15.183	13698614	88.266 ug/mlm
15) T n-Hexacosane (C26)	16.227	6718113	44.747 ug/ml
16) T n-Octacosane (C28)	17.176	6800630	46.312 ug/ml
17) T n-Tricontane (C30)	18.068	6704229	45.077 ug/ml
18) T n-Dotriacontane (C32)	18.901	6759124	45.032 ug/ml
19) T n-Tetratriacontane (C34)	19.687	6765054	45.444 ug/mlm
20) T n-Hexatriacontane (C36)	20.430	6826375	44.402 ug/ml
21) T n-Octatriacontane (C38)	21.172	6955625	44.527 ug/ml
22) T n-Tetracontane (C40)	22.092	7063504	42.266 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

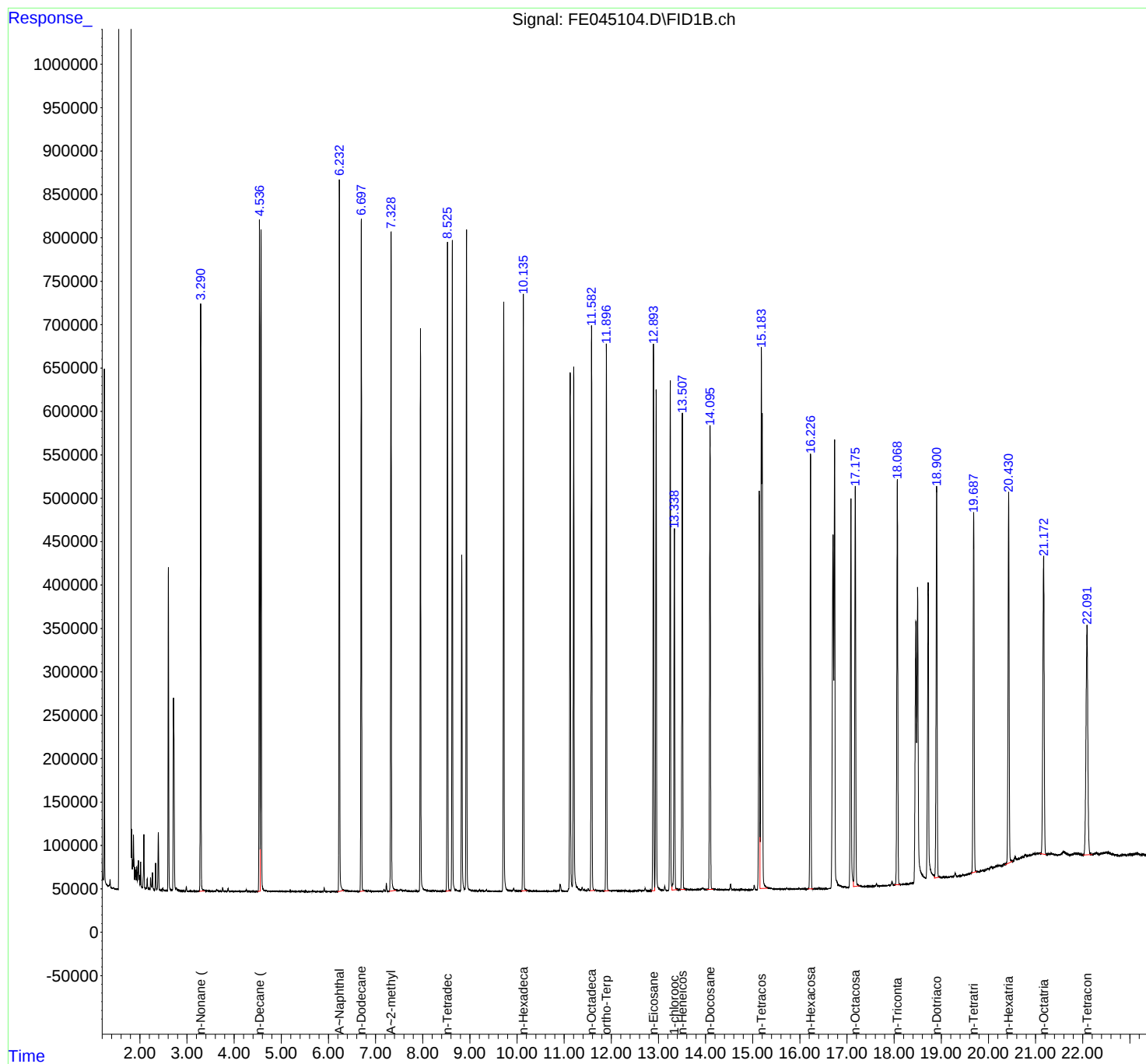
Instrument :
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PB156749BS

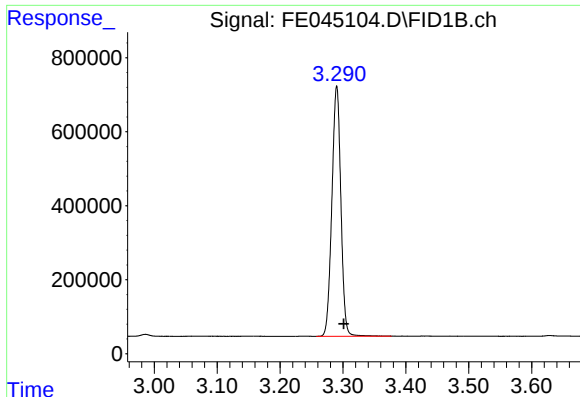
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#1 n-Nonane (C9)

R.T.: 3.290 min
Delta R.T.: -0.011 min
Response: 6716648
Conc: 40.04 ug/ml

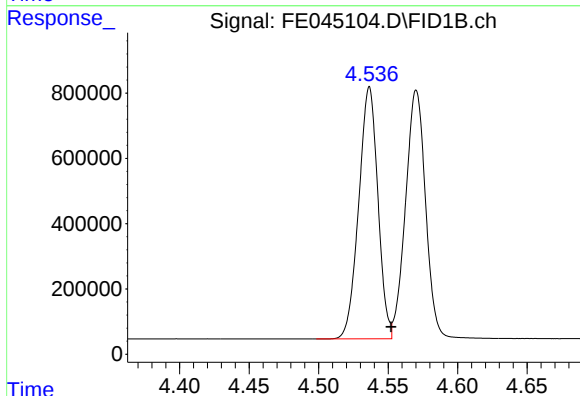
Instrument :

FID_E

ClientSampleId :
PB156749BS

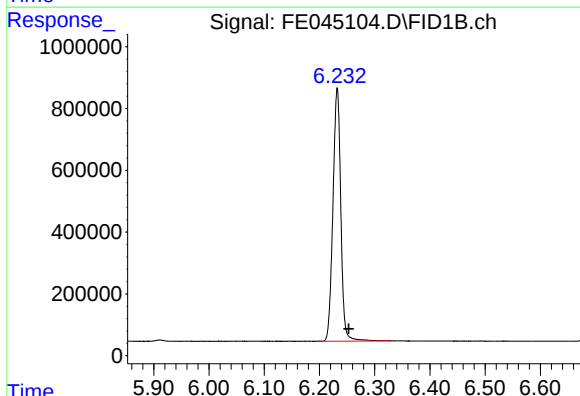
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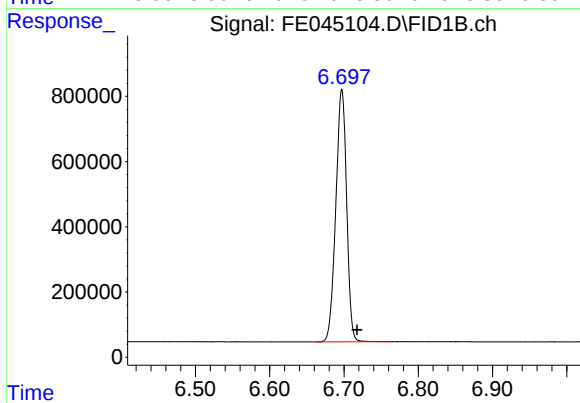
#2 n-Decane (C10)

R.T.: 4.537 min
Delta R.T.: -0.016 min
Response: 7397159
Conc: 43.42 ug/ml



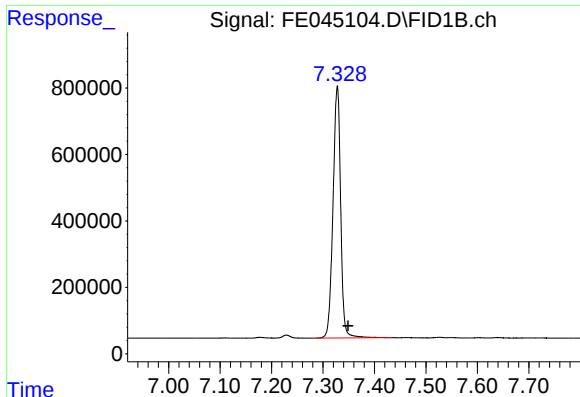
#3 A~Naphthalene (C11.7)

R.T.: 6.232 min
Delta R.T.: -0.021 min
Response: 8109112
Conc: 43.81 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.697 min
Delta R.T.: -0.020 min
Response: 7833432
Conc: 45.38 ug/ml



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

R.T.: 7.328 min
Delta R.T.: -0.021 min
Response: 7855657
Conc: 43.55 ug/ml

Instrument :

FID_E

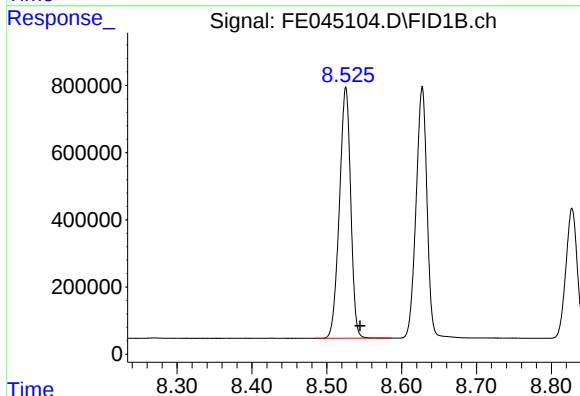
ClientSampleId :

PB156749BS

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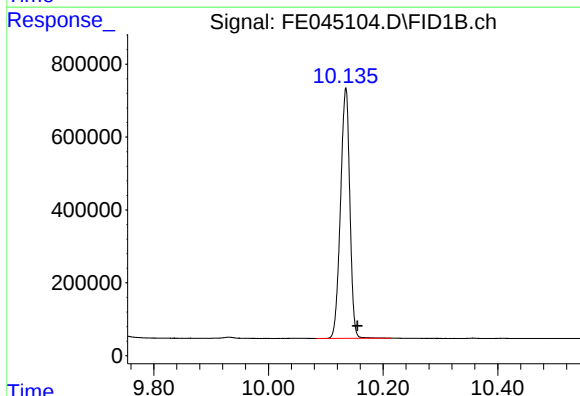
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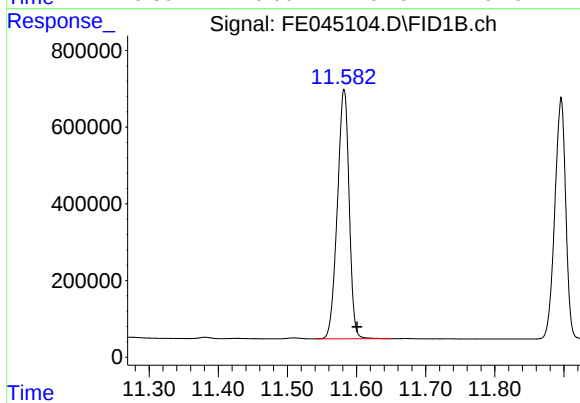
#6 n-Tetradecane (C14)

R.T.: 8.525 min
Delta R.T.: -0.019 min
Response: 7816258
Conc: 45.58 ug/ml



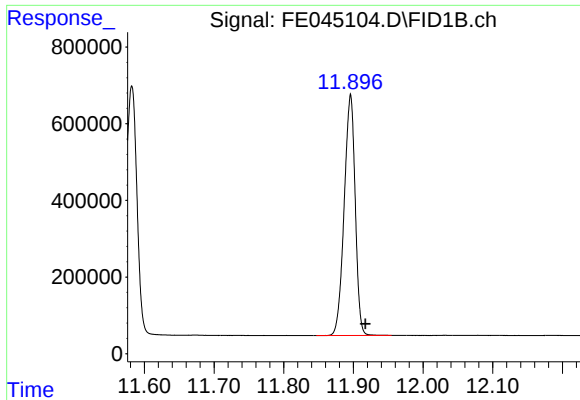
#7 n-Hexadecane (C16)

R.T.: 10.135 min
Delta R.T.: -0.020 min
Response: 7745996
Conc: 44.30 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.582 min
Delta R.T.: -0.019 min
Response: 7697401
Conc: 44.13 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.896 min
Delta R.T.: -0.021 min
Response: 6897852
Conc: 34.41 ug/ml

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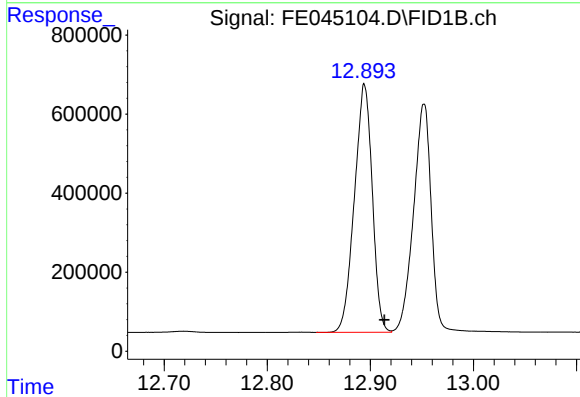
PB156749BS

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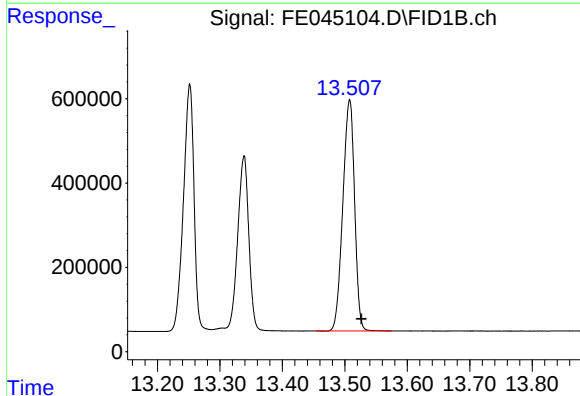
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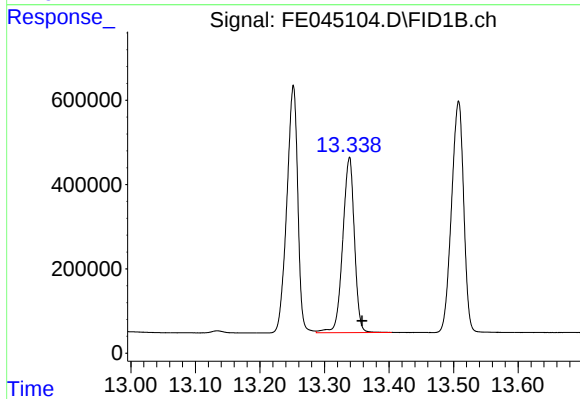
#10 n-Eicosane (C20)

R.T.: 12.894 min
Delta R.T.: -0.019 min
Response: 7555813
Conc: 45.24 ug/ml



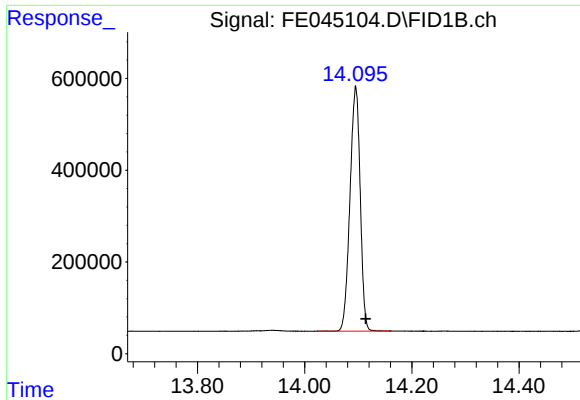
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.019 min
Response: 7166521
Conc: 43.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.020 min
Response: 5232392
Conc: 35.36 ug/ml



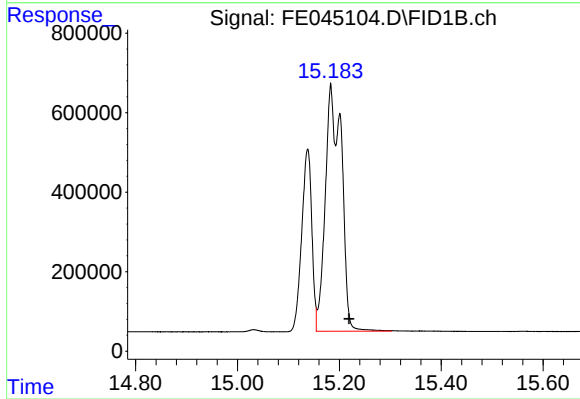
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.018 min
Response: 7053945
Conc: 44.10 ug/ml

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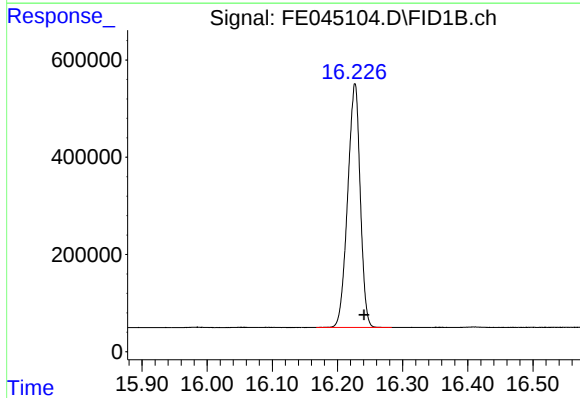
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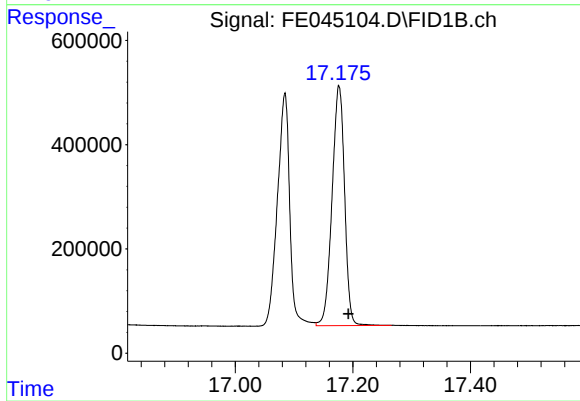
#14 n-Tetracosane (C24)

R.T.: 15.183 min
Delta R.T.: -0.036 min
Response: 13698614
Conc: 88.27 ug/ml m



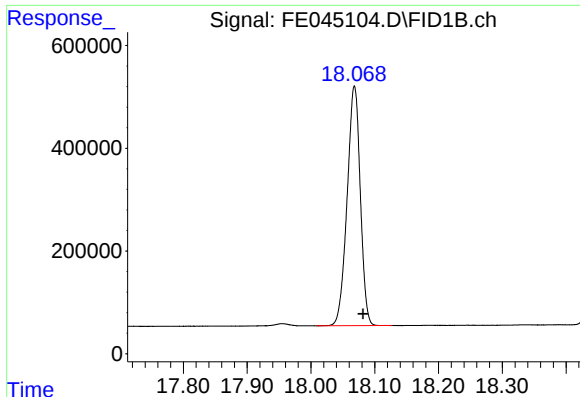
#15 n-Hexacosane (C26)

R.T.: 16.227 min
Delta R.T.: -0.014 min
Response: 6718113
Conc: 44.75 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.016 min
Response: 6800630
Conc: 46.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.068 min
Delta R.T.: -0.014 min
Response: 6704229
Conc: 45.08 ug/ml

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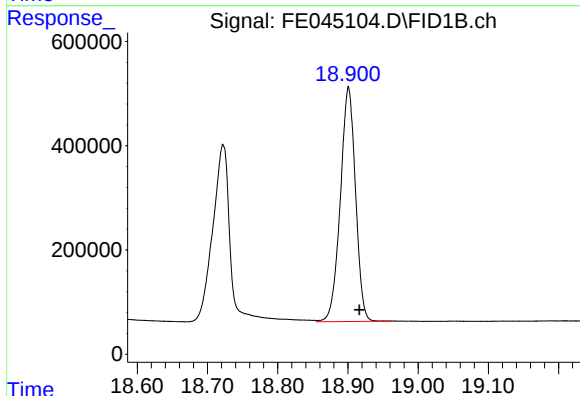
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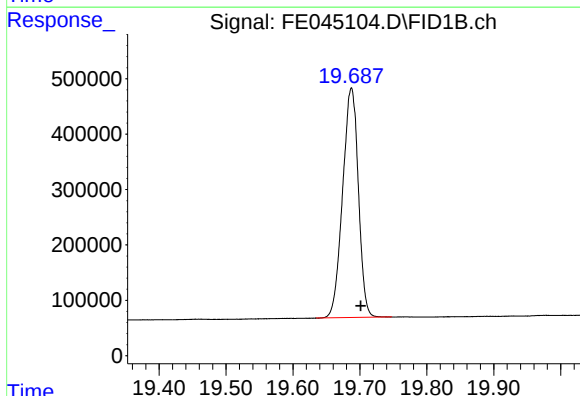
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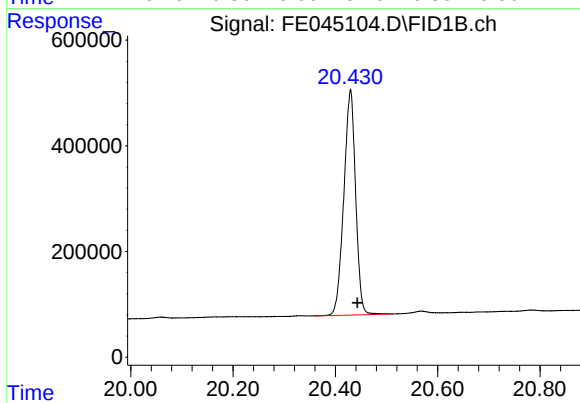
#18 n-Dotriacontane (C32)

R.T.: 18.901 min
Delta R.T.: -0.015 min
Response: 6759124
Conc: 45.03 ug/ml



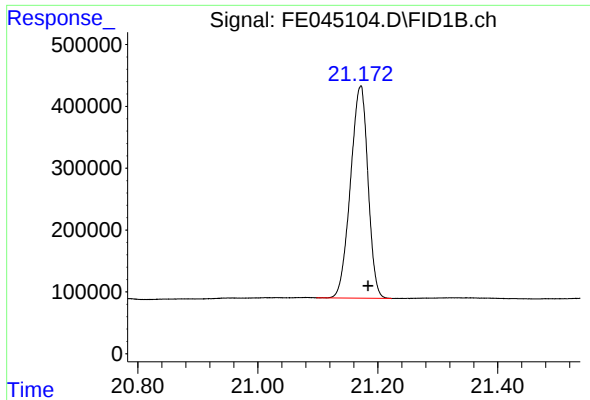
#19 n-Tetratriacontane (C34)

R.T.: 19.687 min
Delta R.T.: -0.014 min
Response: 6765054
Conc: 45.44 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.430 min
Delta R.T.: -0.013 min
Response: 6826375
Conc: 44.40 ug/ml



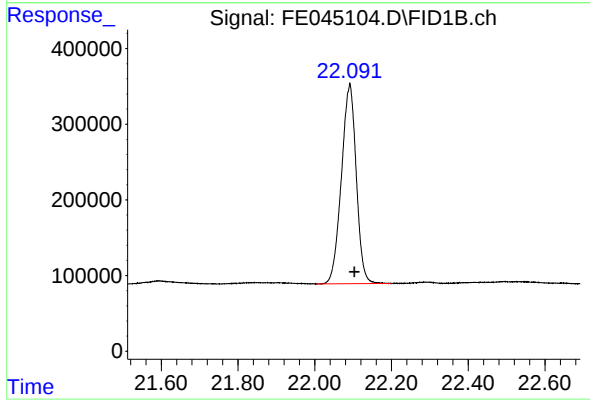
#21 n-Octatriacontane (C38)

R.T.: 21.172 min
Delta R.T.: -0.012 min
Response: 6955625
Conc: 44.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.092 min
Delta R.T.: -0.011 min
Response: 7063504
Conc: 42.27 ug/ml