

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE033123AL\
 Data File : FE041101.D
 Signal(s) : FID1B.ch
 Acq On : 31 Mar 2023 13:50
 Operator : YP\AJ
 Sample : PB151809BSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB151809BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/03/2023
 Supervised By :Ankita Jodhani 04/03/2023

Integration File: autoint1.e
 Quant Time: Apr 01 01:20:06 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)	11.854	8541330	45.447 ug/ml
Spiked Amount 50.000		Recovery =	90.89%
12) S 1-chlorooctadecane (S...	13.293	6946390	48.279 ug/ml
Spiked Amount 50.000		Recovery =	96.56%
Target Compounds			
1) T n-Nonane (C9)	3.264	7477938	43.097 ug/ml
2) T n-Decane (C10)	4.506	7803961	45.847 ug/ml
3) T A~Naphthalene (C11.7)	6.201	8660636	47.349 ug/ml
4) T n-Dodecane (C12)	6.664	8237957	47.492 ug/ml
5) T A~2-methylnaphthalene...	7.296	8174164	49.357 ug/ml
6) T n-Tetradecane (C14)	8.491	8231242	47.207 ug/ml
7) T n-Hexadecane (C16)	10.097	8434142	47.422 ug/ml
8) T n-Octadecane (C18)	11.540	8331172	46.660 ug/ml
10) T n-Eicosane (C20)	12.849	8173597	47.918 ug/ml
11) T n-Heneicosane (C21)	13.461	7756883	45.849 ug/ml
13) T n-Docosane (C22)	14.047	7622781	46.063 ug/ml
14) T n-Tetracosane (C24)	15.144	14682367	90.752 ug/ml
15) T n-Hexacosane (C26)	16.174	7196007	46.421 ug/ml
16) T n-Octacosane (C28)	17.123	7227256	47.181 ug/ml
17) T n-Tricontane (C30)	18.015	7057646	46.172 ug/ml
18) T n-Dotriacontane (C32)	18.847	6973895	44.668 ug/ml
19) T n-Tetratriacontane (C34)	19.631	7023192	45.320 ug/mlm
20) T n-Hexatriacontane (C36)	20.373	6998366	46.073 ug/ml
21) T n-Octatriacontane (C38)	21.099	7114304	45.541 ug/mlm
22) T n-Tetracontane (C40)	21.983	7289911	45.675 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB151809BSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

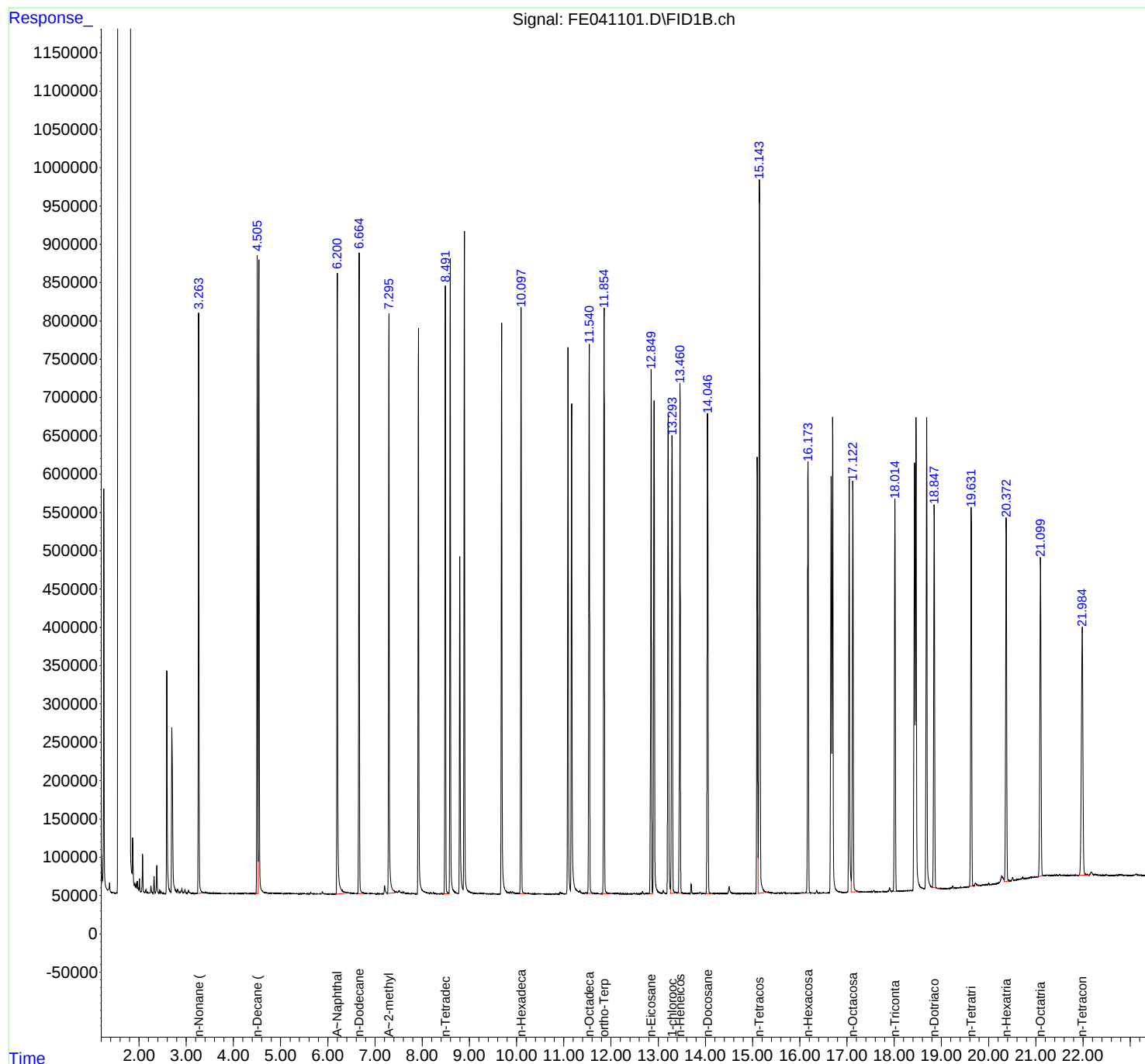
Instrument :
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PB151809BSD

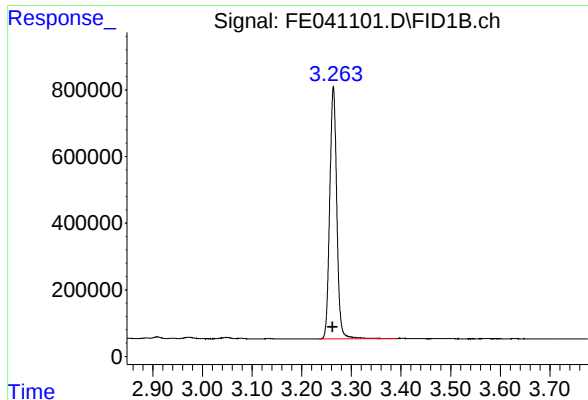
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#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.002 min
Response: 7477938
Conc: 43.10 ug/ml

Instrument :

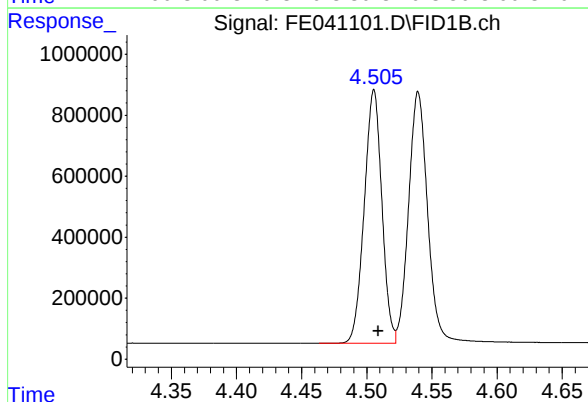
FID_E

ClientSampleId :

PB151809BSD

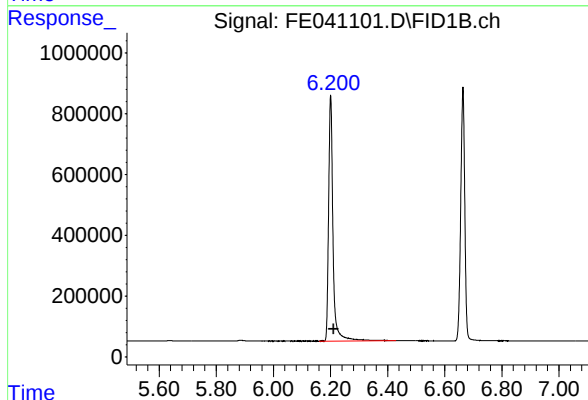
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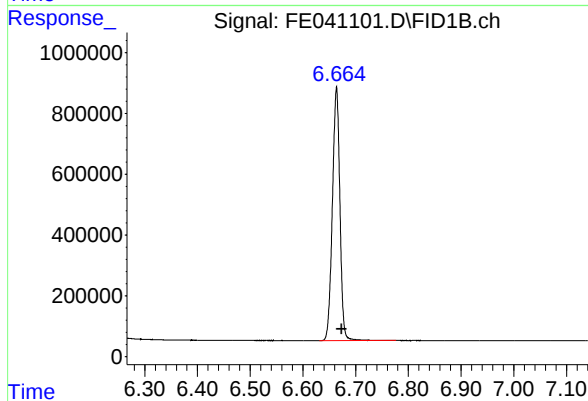
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.003 min
Response: 7803961
Conc: 45.85 ug/ml



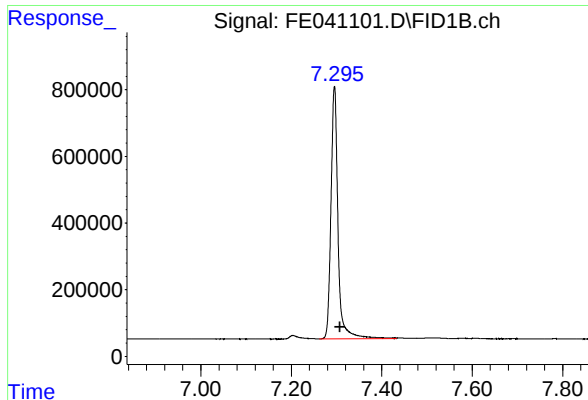
#3 A~Naphthalene (C11.7)

R.T.: 6.201 min
Delta R.T.: -0.011 min
Response: 8660636
Conc: 47.35 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.664 min
Delta R.T.: -0.010 min
Response: 8237957
Conc: 47.49 ug/ml



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

R.T.: 7.296 min
Delta R.T.: -0.012 min
Response: 8174164
Conc: 49.36 ug/ml

Instrument :

FID_E

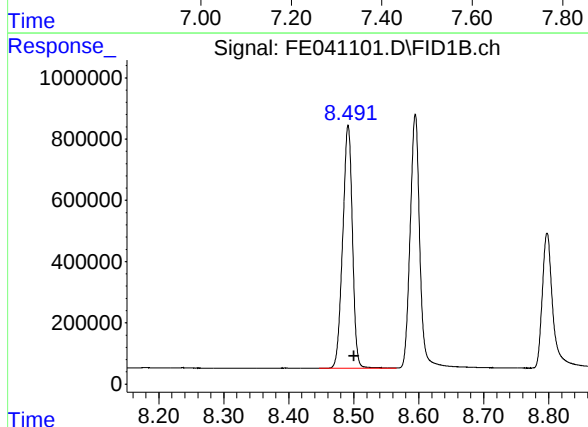
ClientSampleId :

PB151809BSD

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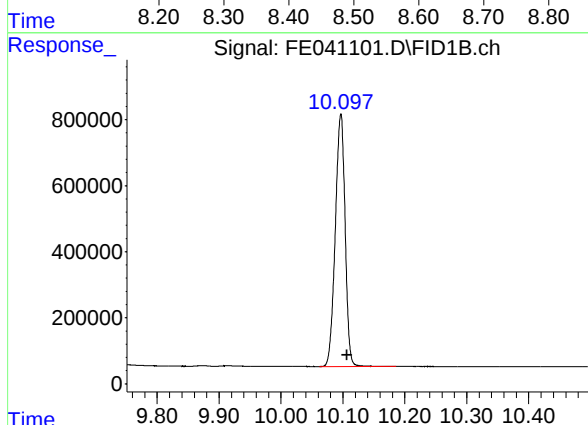
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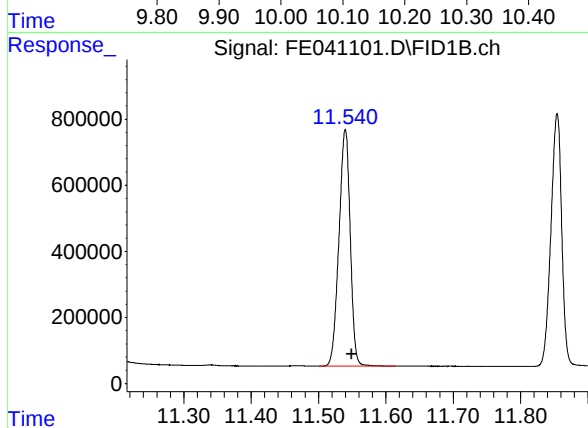
#6 n-Tetradecane (C14)

R.T.: 8.491 min
Delta R.T.: -0.009 min
Response: 8231242
Conc: 47.21 ug/ml



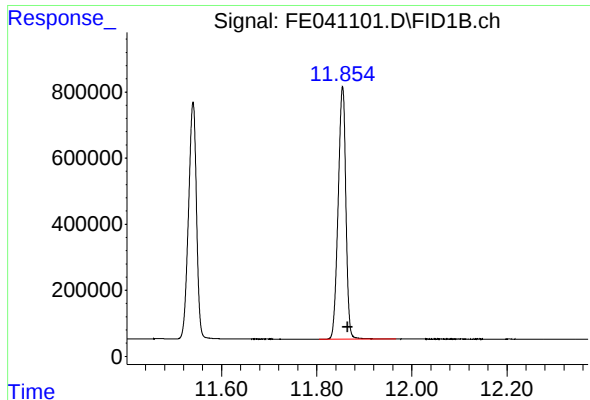
#7 n-Hexadecane (C16)

R.T.: 10.097 min
Delta R.T.: -0.010 min
Response: 8434142
Conc: 47.42 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: -0.009 min
Response: 8331172
Conc: 46.66 ug/ml



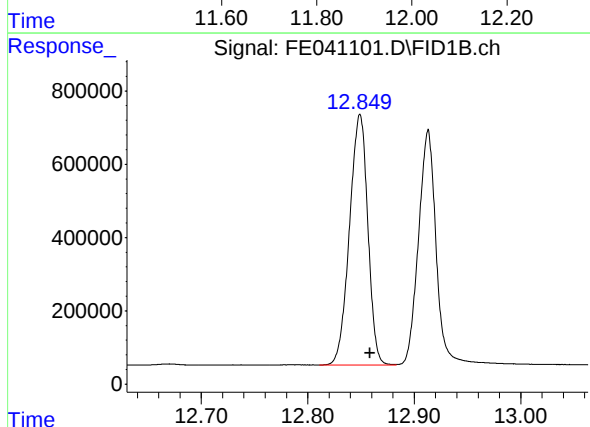
#9 ortho-Terphenyl (SURR)

R.T.: 11.854 min
Delta R.T.: -0.011 min
Response: 8541330
Conc: 45.45 ug/ml

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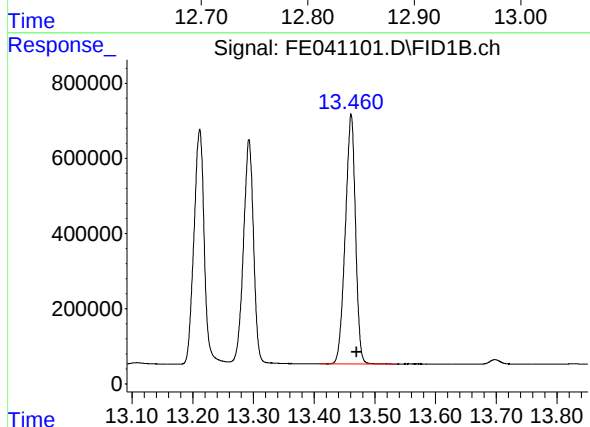
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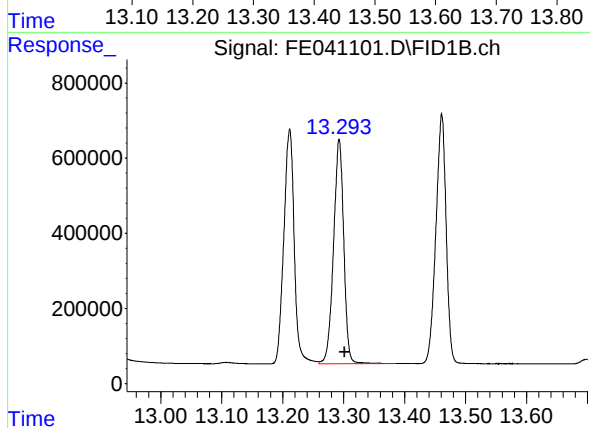
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.009 min
Response: 8173597
Conc: 47.92 ug/ml



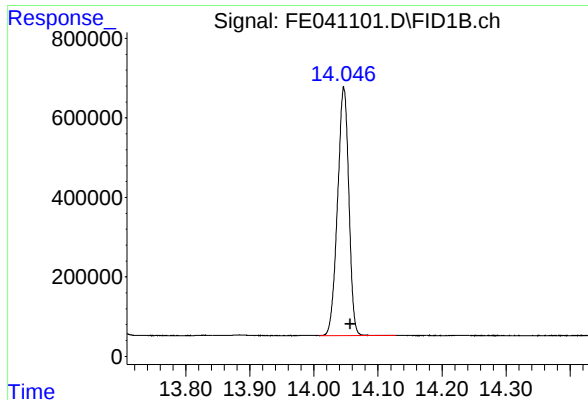
#11 n-Heneicosane (C21)

R.T.: 13.461 min
Delta R.T.: -0.009 min
Response: 7756883
Conc: 45.85 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.293 min
Delta R.T.: -0.009 min
Response: 6946390
Conc: 48.28 ug/ml



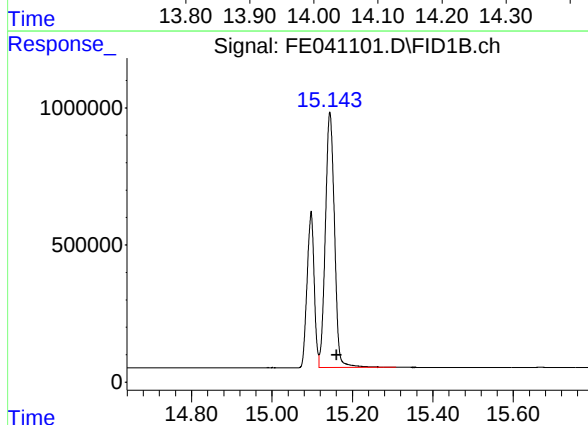
#13 n-Docosane (C22)

R.T.: 14.047 min
Delta R.T.: -0.010 min
Response: 7622781
Conc: 46.06 ug/ml

Instrument :
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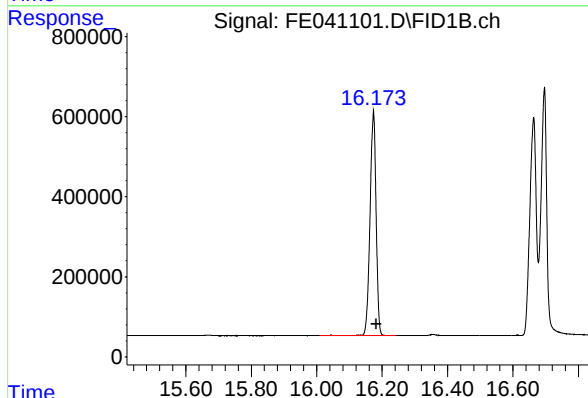
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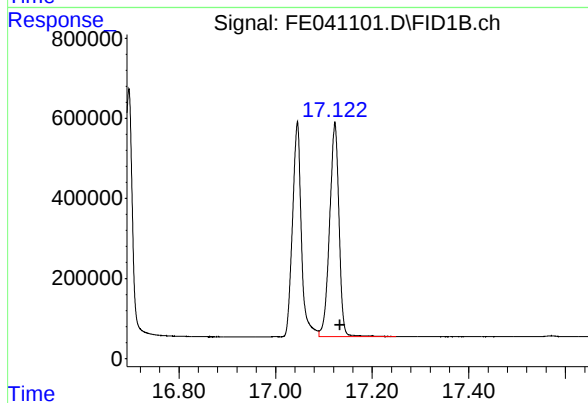
#14 n-Tetracosane (C24)

R.T.: 15.144 min
Delta R.T.: -0.017 min
Response: 14682367
Conc: 90.75 ug/ml



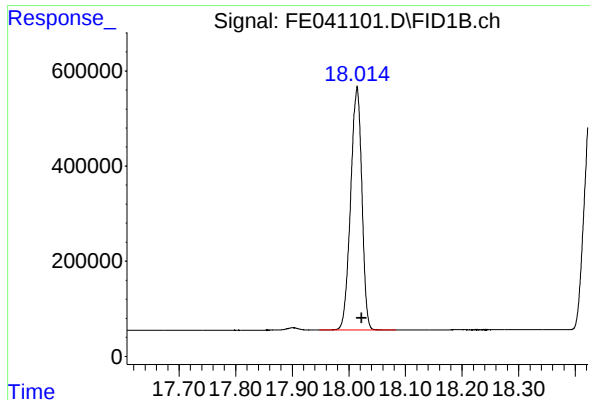
#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: -0.008 min
Response: 7196007
Conc: 46.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.123 min
Delta R.T.: -0.010 min
Response: 7227256
Conc: 47.18 ug/ml



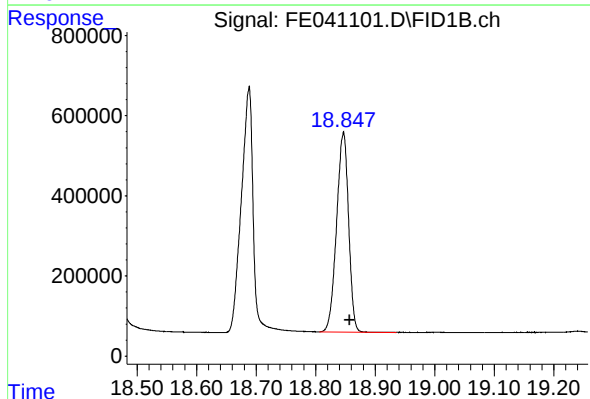
#17 n-Tricontane (C30)

R.T.: 18.015 min
Delta R.T.: -0.008 min
Response: 7057646
Conc: 46.17 ug/ml

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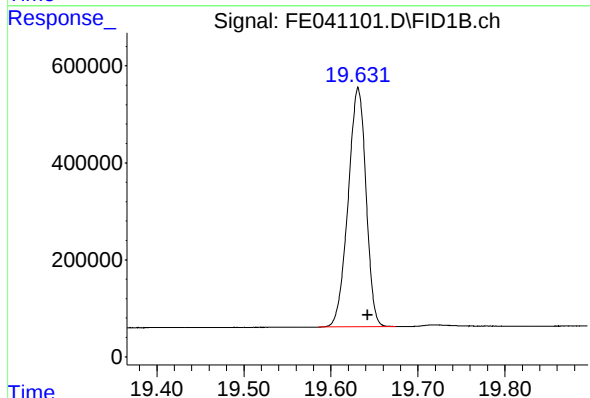
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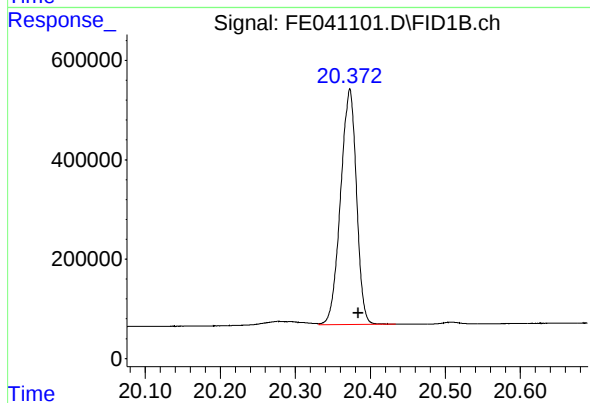
#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: -0.010 min
Response: 6973895
Conc: 44.67 ug/ml



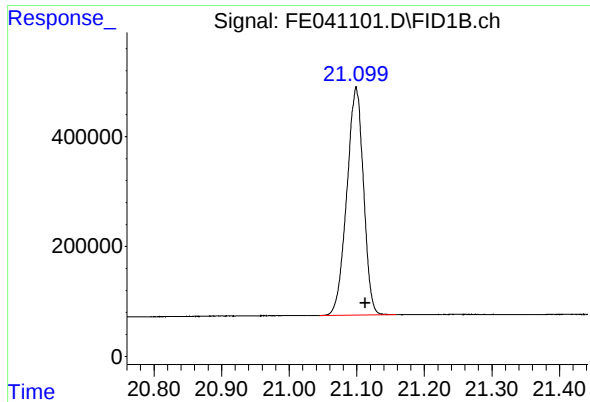
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: -0.012 min
Response: 7023192
Conc: 45.32 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.373 min
Delta R.T.: -0.011 min
Response: 6998366
Conc: 46.07 ug/ml



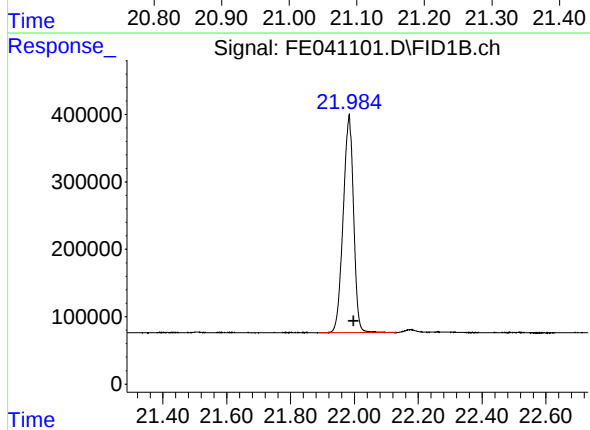
#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: -0.013 min
Response: 7114304
Conc: 45.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.983 min
Delta R.T.: -0.015 min
Response: 7289911
Conc: 45.67 ug/ml