

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE020824AL\
 Data File : FE046641.D
 Signal(s) : FID1B.ch
 Acq On : 08 Feb 2024 16:55
 Operator : YP\AJ
 Sample : PB158901BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB158901BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/12/2024
 Supervised By :Ankita Jodhani 02/12/2024

Integration File: autoint1.e
 Quant Time: Feb 09 02:39:44 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 012524.M
 Quant Title : GC Extractables
 QLast Update : Thu Jan 25 14:56:03 2024
 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)	11.812	6742470	36.464 ug/ml
Spiked Amount 50.000		Recovery =	72.93%
12) S 1-chlorooctadecane (S...	13.252	5925201	41.646 ug/ml
Spiked Amount 50.000		Recovery =	83.29%
Target Compounds			
1) T n-Nonane (C9)	3.216	5959272	36.893 ug/ml
2) T n-Decane (C10)	4.459	6112214	37.296 ug/ml
3) T A~Naphthalene (C11.7)	6.157	6935027	40.556 ug/ml
4) T n-Dodecane (C12)	6.620	6494498	39.263 ug/ml
5) T A~2-methylnaphthalene...	7.252	6816870	42.741 ug/ml
6) T n-Tetradecane (C14)	8.446	6678267	40.747 ug/ml
7) T n-Hexadecane (C16)	10.054	6810000	39.853 ug/ml
8) T n-Octadecane (C18)	11.498	7060426	40.498 ug/ml
10) T n-Eicosane (C20)	12.808	7057522	41.567 ug/ml
11) T n-Heneicosane (C21)	13.420	6799909	40.769 ug/ml
13) T n-Docosane (C22)	14.006	6661308	40.209 ug/ml
14) T n-Tetracosane (C24)	15.111	15153316	91.837 ug/ml
15) T n-Hexacosane (C26)	16.134	6404319	39.679 ug/ml
16) T n-Octacosane (C28)	17.083	8575104	54.625 ug/mlm
17) T n-Tricontane (C30)	17.973	6332558	40.429 ug/ml
18) T n-Dotriacontane (C32)	18.805	7028269	46.496 ug/mlm
19) T n-Tetratriacontane (C34)	19.591	6012196	42.389 ug/mlm
20) T n-Hexatriacontane (C36)	20.333	5464351	39.643 ug/ml
21) T n-Octatriacontane (C38)	21.058	5940424	46.339 ug/ml
22) T n-Tetracontane (C40)	21.941	6150555	49.190 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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ALS Vial : 5 Sample Multiplier: 1

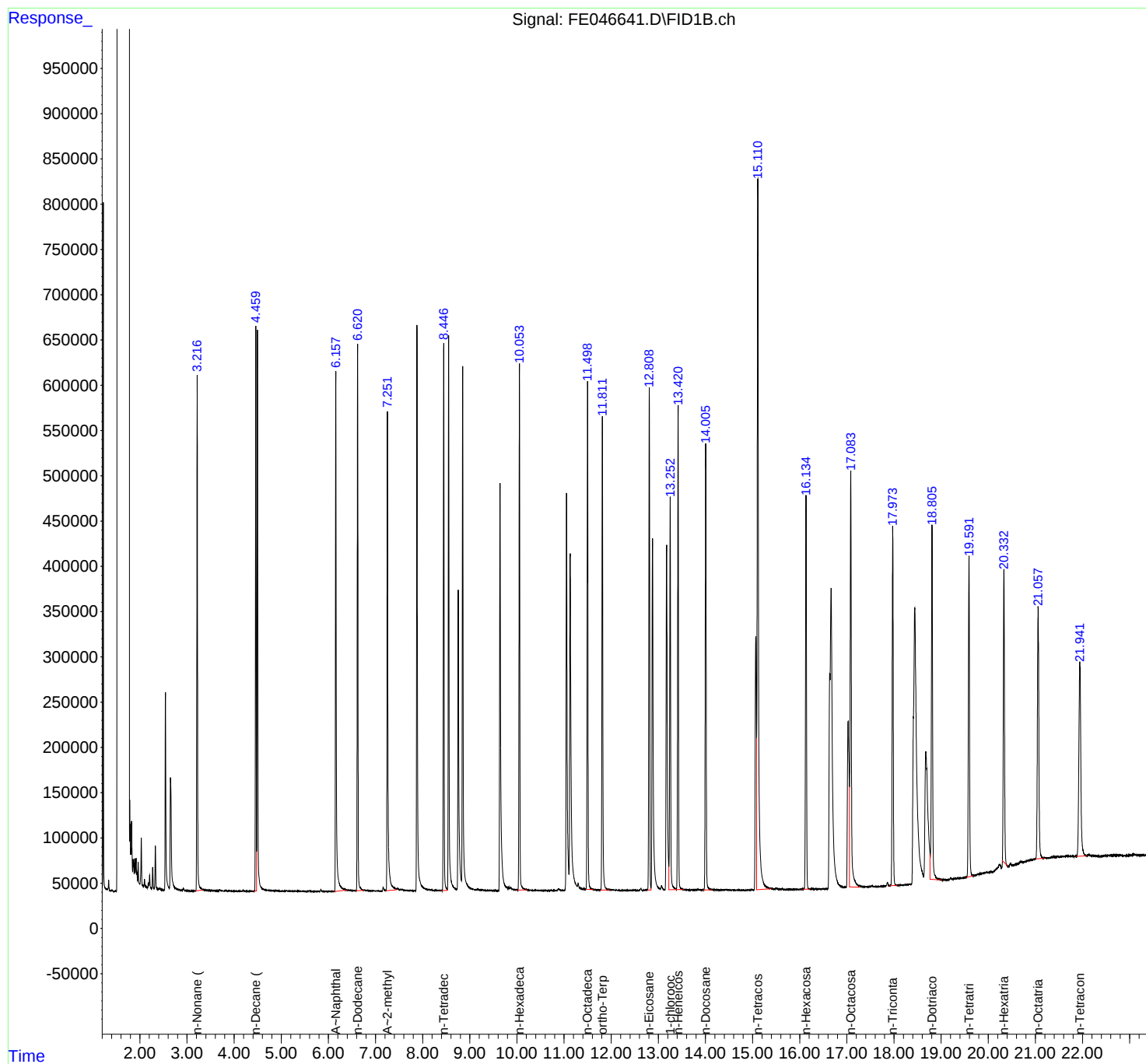
Instrument :
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PB158901BSD

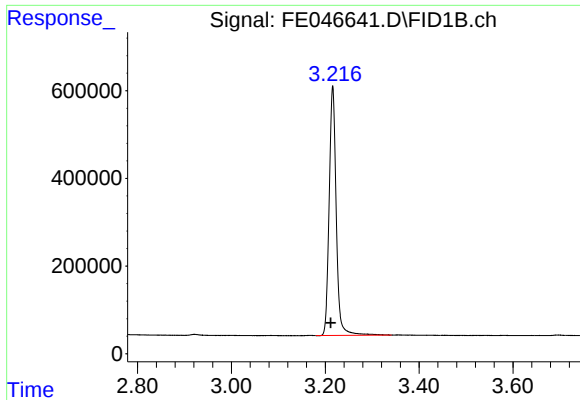
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#1 n-Nonane (C9)

R.T.: 3.216 min
Delta R.T.: 0.004 min
Response: 5959272
Conc: 36.89 ug/ml

Instrument :

FID_E

ClientSampleId :

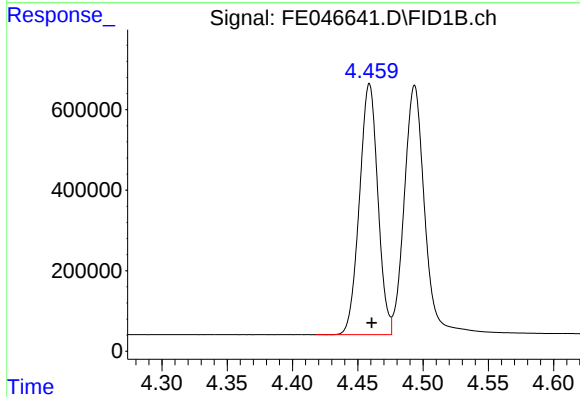
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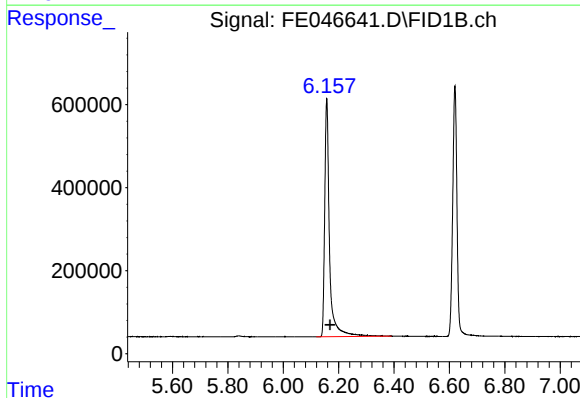
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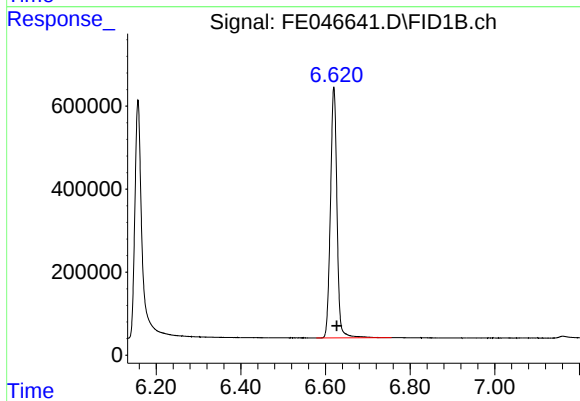
#2 n-Decane (C10)

R.T.: 4.459 min
Delta R.T.: -0.002 min
Response: 6112214
Conc: 37.30 ug/ml



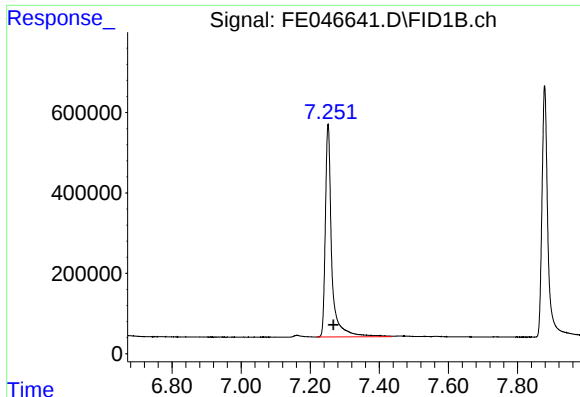
#3 A~Naphthalene (C11.7)

R.T.: 6.157 min
Delta R.T.: -0.012 min
Response: 6935027
Conc: 40.56 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.620 min
Delta R.T.: -0.007 min
Response: 6494498
Conc: 39.26 ug/ml



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

R.T.: 7.252 min
Delta R.T.: -0.016 min
Response: 6816870
Conc: 42.74 ug/ml

Instrument :

FID_E

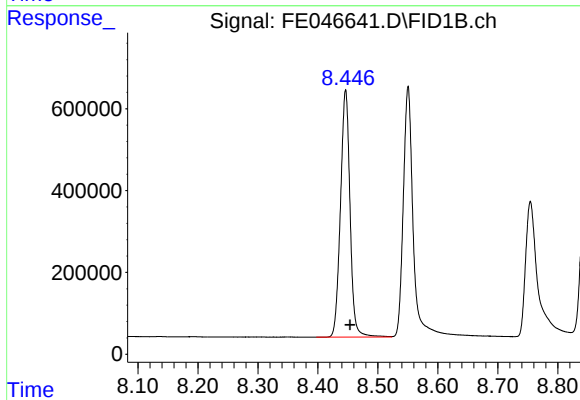
ClientSampleId :

PB158901BSD

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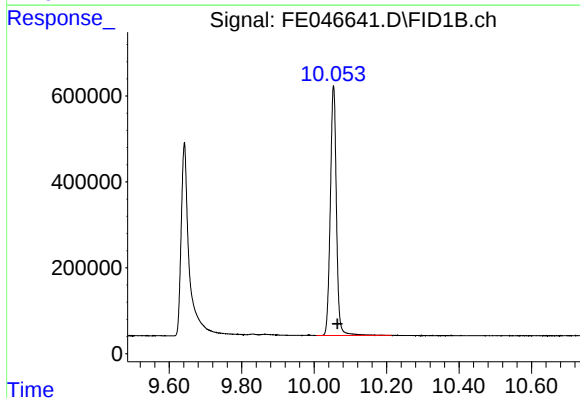
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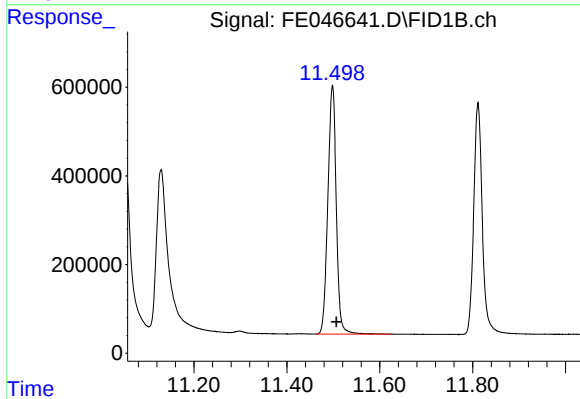
#6 n-Tetradecane (C14)

R.T.: 8.446 min
Delta R.T.: -0.008 min
Response: 6678267
Conc: 40.75 ug/ml



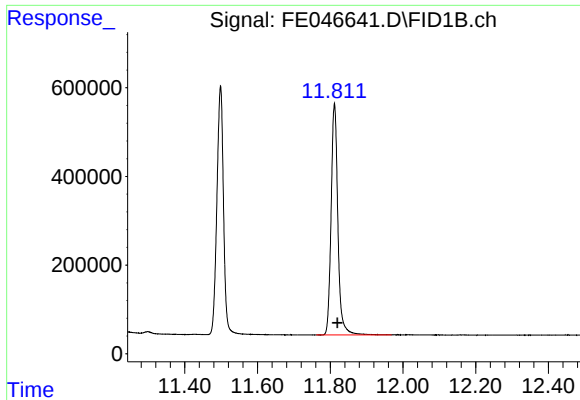
#7 n-Hexadecane (C16)

R.T.: 10.054 min
Delta R.T.: -0.010 min
Response: 6810000
Conc: 39.85 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.498 min
Delta R.T.: -0.008 min
Response: 7060426
Conc: 40.50 ug/ml



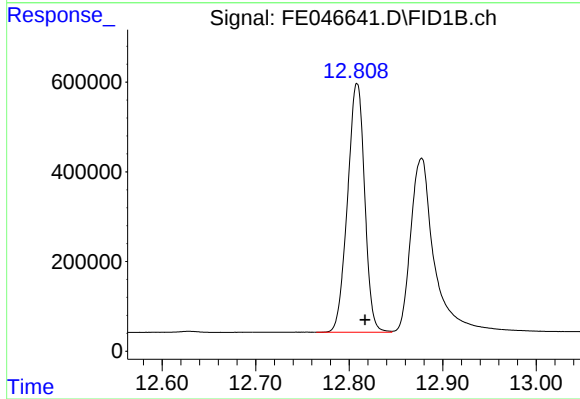
#9 ortho-Terphenyl (SURR)

R.T.: 11.812 min
Delta R.T.: -0.009 min
Response: 6742470
Conc: 36.46 ug/ml

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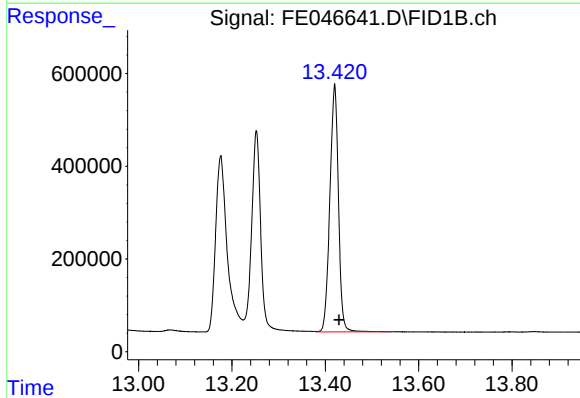
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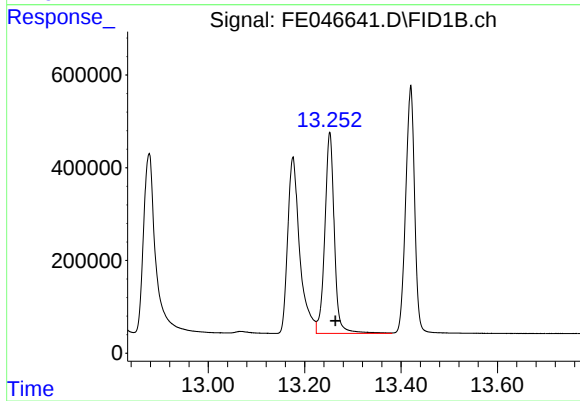
#10 n-Eicosane (C20)

R.T.: 12.808 min
Delta R.T.: -0.008 min
Response: 7057522
Conc: 41.57 ug/ml



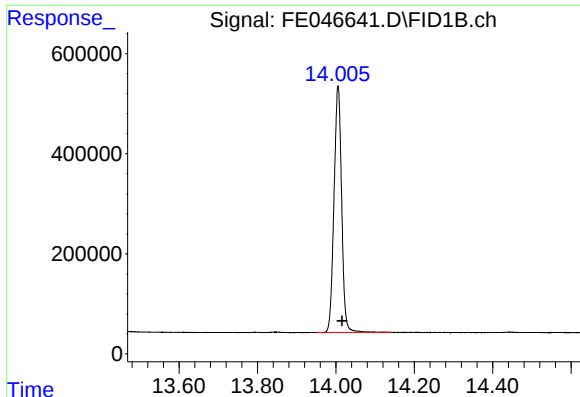
#11 n-Heneicosane (C21)

R.T.: 13.420 min
Delta R.T.: -0.009 min
Response: 6799909
Conc: 40.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.252 min
Delta R.T.: -0.011 min
Response: 5925201
Conc: 41.65 ug/ml



#13 n-Docosane (C22)

R.T.: 14.006 min
Delta R.T.: -0.010 min
Response: 6661308
Conc: 40.21 ug/ml

Instrument :

FID_E

ClientSampleId :

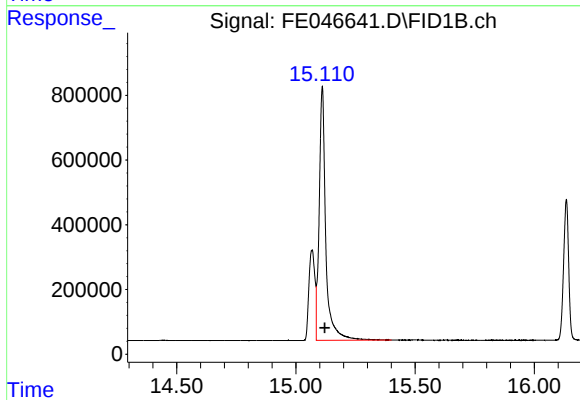
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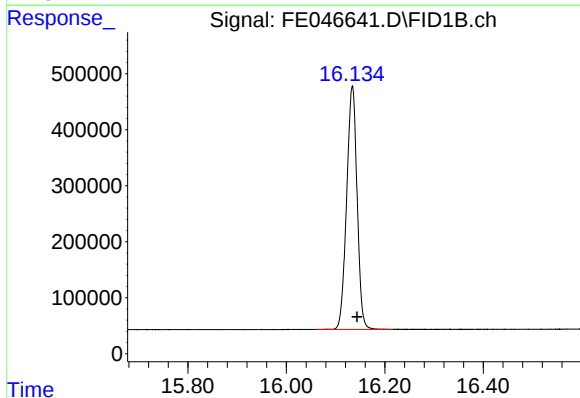
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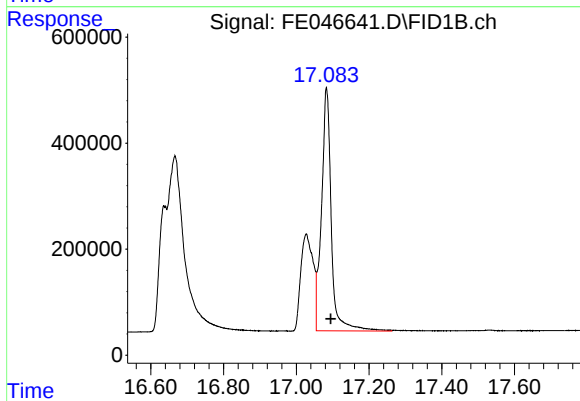
#14 n-Tetracosane (C24)

R.T.: 15.111 min
Delta R.T.: -0.011 min
Response: 15153316
Conc: 91.84 ug/ml



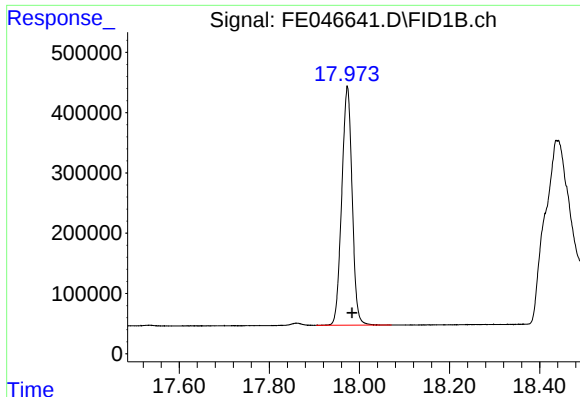
#15 n-Hexacosane (C26)

R.T.: 16.134 min
Delta R.T.: -0.010 min
Response: 6404319
Conc: 39.68 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.012 min
Response: 8575104
Conc: 54.63 ug/ml m



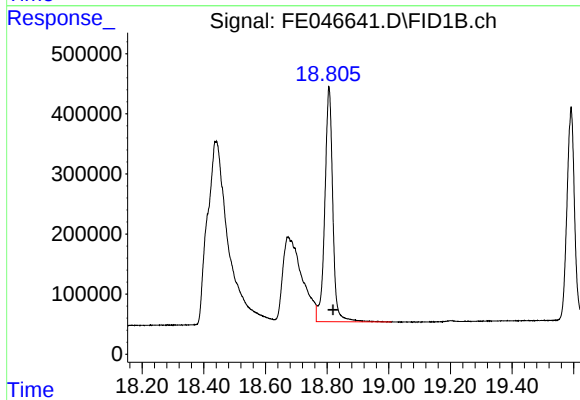
#17 n-Tricontane (C30)

R.T.: 17.973 min
Delta R.T.: -0.010 min
Response: 6332558
Conc: 40.43 ug/ml

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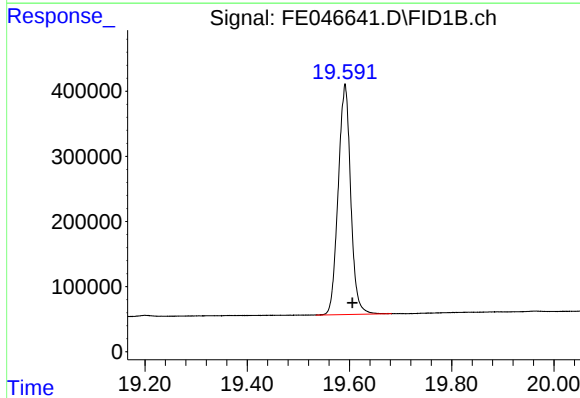
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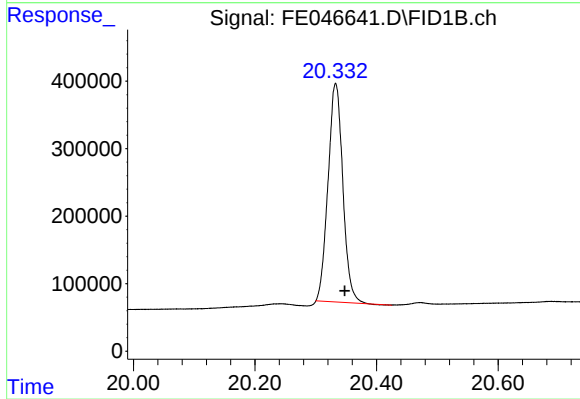
#18 n-Dotriacontane (C32)

R.T.: 18.805 min
Delta R.T.: -0.014 min
Response: 7028269
Conc: 46.50 ug/ml m



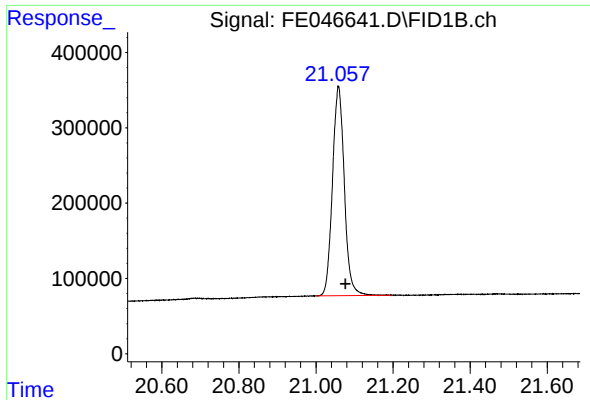
#19 n-Tetratriacontane (C34)

R.T.: 19.591 min
Delta R.T.: -0.015 min
Response: 6012196
Conc: 42.39 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.333 min
Delta R.T.: -0.015 min
Response: 5464351
Conc: 39.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.058 min
Delta R.T.: -0.018 min
Response: 5940424
Conc: 46.34 ug/ml

Instrument :

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ClientSampleId :

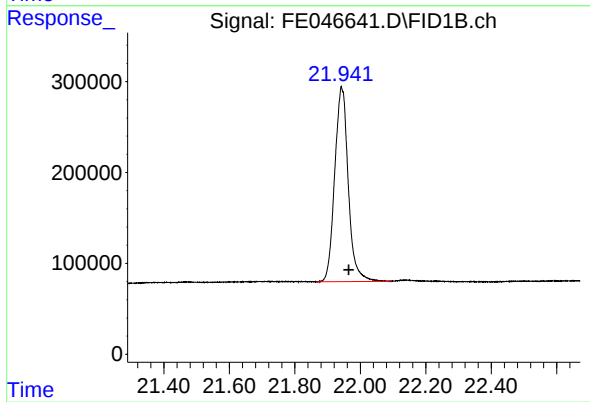
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#22 n-Tetracontane (C40)

R.T.: 21.941 min
Delta R.T.: -0.023 min
Response: 6150555
Conc: 49.19 ug/ml m