

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042623AL\
 Data File : FE041555.D
 Signal(s) : FID1B.ch
 Acq On : 26 Apr 2023 18:47
 Operator : YP\AJ
 Sample : 02491-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

S2S-TP3MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 04/27/2023

Supervised By :Ankita Jodhani 04/27/2023

Integration File: autoint1.e

Quant Time: Apr 27 02:03:35 2023

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M

Quant Title : GC Extractables

QLast Update : Fri Apr 21 07:33:51 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)	11.981	4415065	23.533 ug/ml
Spiked Amount 50.000		Recovery =	47.07%
12) S 1-chlorooctadecane (S...	13.416	3534613	25.020 ug/ml
Spiked Amount 50.000		Recovery =	50.04%
Target Compounds			
1) T n-Nonane (C9)	3.361	4157494	28.283 ug/ml
2) T n-Decane (C10)	4.614	4689079	31.265 ug/ml
3) T A~Naphthalene (C11.7)	6.317	5496688	33.215 ug/ml
4) T n-Dodecane (C12)	6.780	5208759	34.258 ug/ml
5) T A~2-methylnaphthalene...	7.414	5449961	33.799 ug/ml
6) T n-Tetradecane (C14)	8.611	5539333	36.466 ug/ml
7) T n-Hexadecane (C16)	10.218	6086505	38.140 ug/ml
8) T n-Octadecane (C18)	11.662	6375957	38.899 ug/ml
10) T n-Eicosane (C20)	12.973	6296022	39.143 ug/ml
11) T n-Heneicosane (C21)	13.585	6141165	38.534 ug/ml
13) T n-Docosane (C22)	14.172	6040293	37.911 ug/ml
14) T n-Tetracosane (C24)	15.268	4409438	27.350 ug/mlm
15) T n-Hexacosane (C26)	16.298	5715405	36.151 ug/ml
16) T n-Octacosane (C28)	17.247	5551765	36.080 ug/ml
17) T n-Tricontane (C30)	18.136	5433136	35.673 ug/ml
18) T n-Dotriacontane (C32)	18.967	5266801	35.353 ug/ml
19) T n-Tetratriacontane (C34)	19.751	5187686	36.824 ug/ml
20) T n-Hexatriacontane (C36)	20.490	4968006	37.150 ug/ml
21) T n-Octatriacontane (C38)	21.245	4934806	37.347 ug/ml
22) T n-Tetracontane (C40)	22.188	5142774	40.619 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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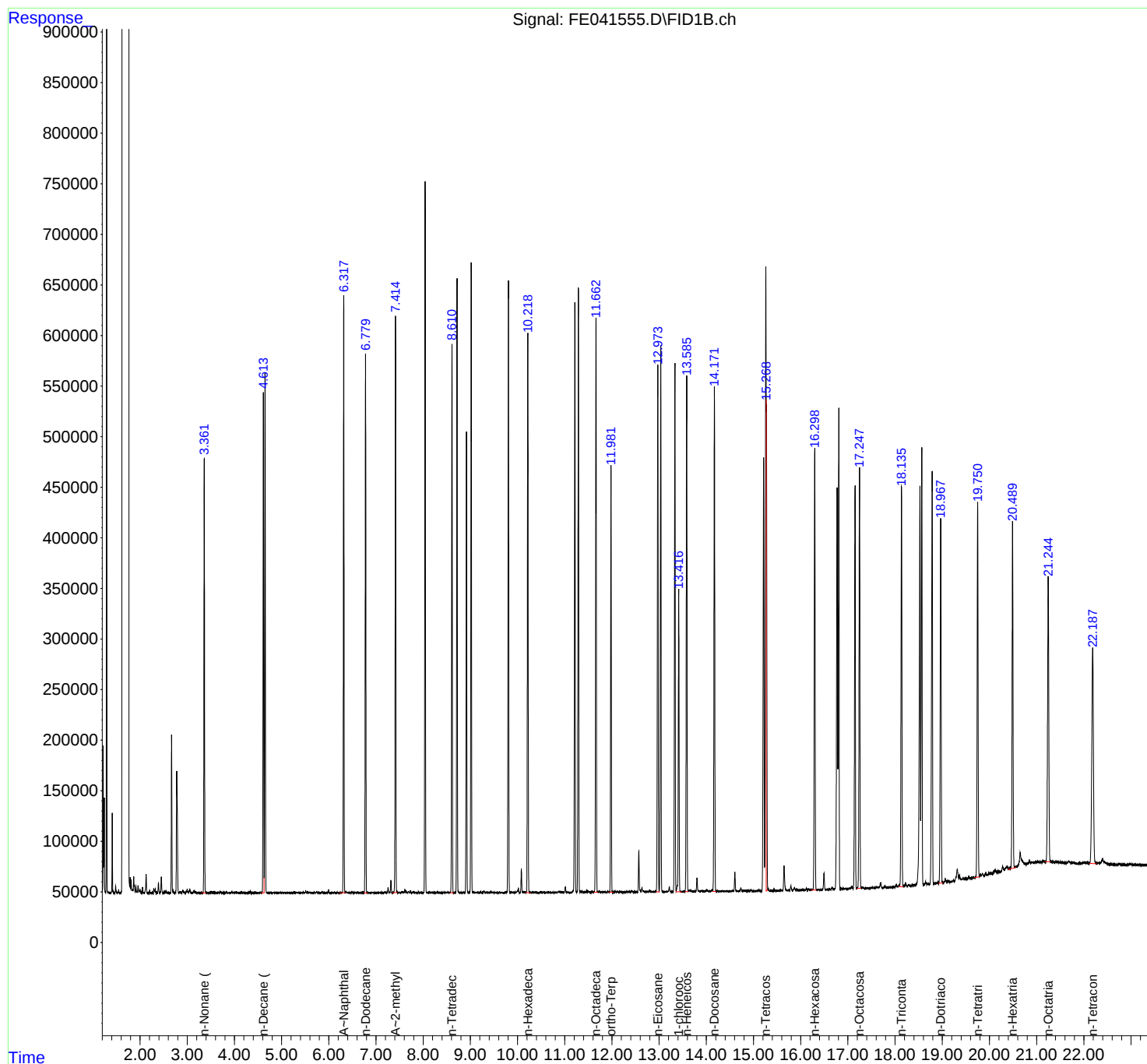
Instrument :
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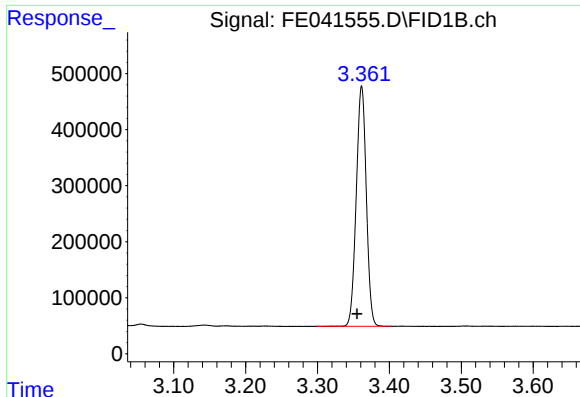
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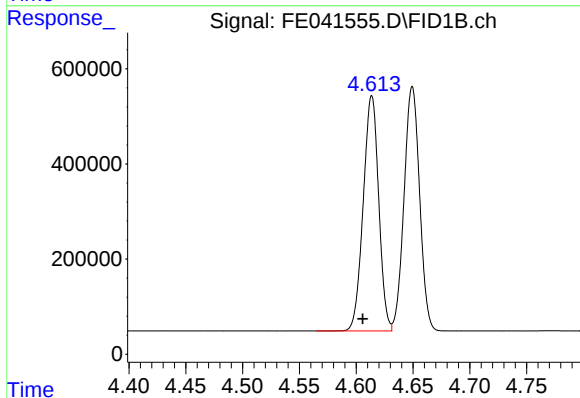
#1 n-Nonane (C9)

R.T.: 3.361 min
Delta R.T.: 0.006 min
Response: 4157494
Conc: 28.28 ug/ml

Instrument :
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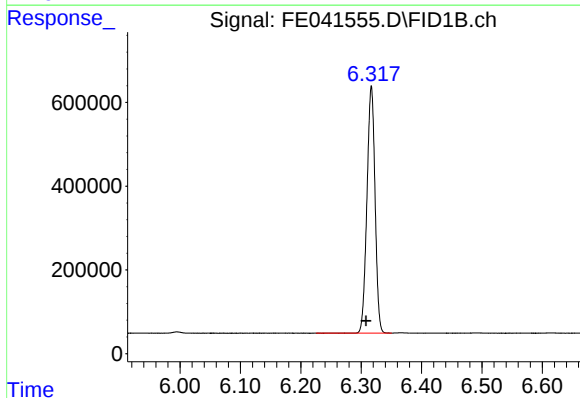
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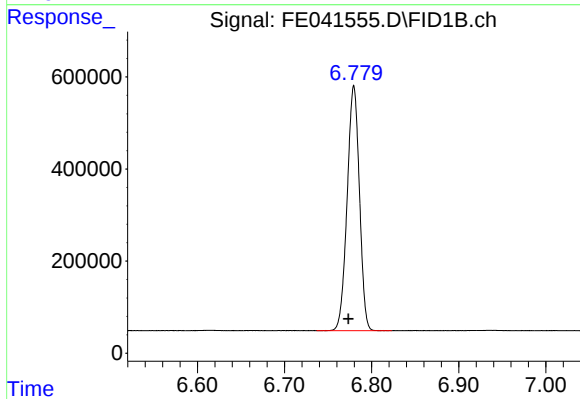
#2 n-Decane (C10)

R.T.: 4.614 min
Delta R.T.: 0.008 min
Response: 4689079
Conc: 31.26 ug/ml



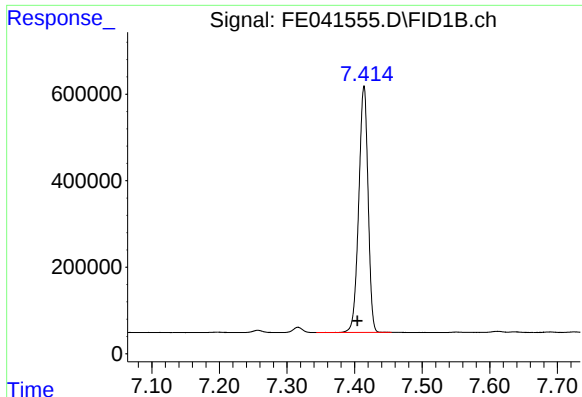
#3 A~Naphthalene (C11.7)

R.T.: 6.317 min
Delta R.T.: 0.009 min
Response: 5496688
Conc: 33.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.780 min
Delta R.T.: 0.006 min
Response: 5208759
Conc: 34.26 ug/ml



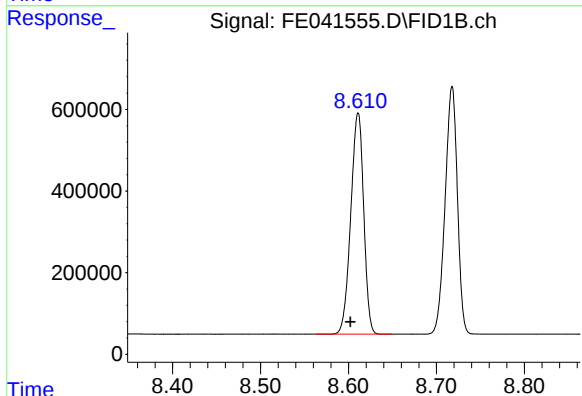
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.414 min
Delta R.T.: 0.010 min
Response: 5449961
Conc: 33.80 ug/ml

Instrument :
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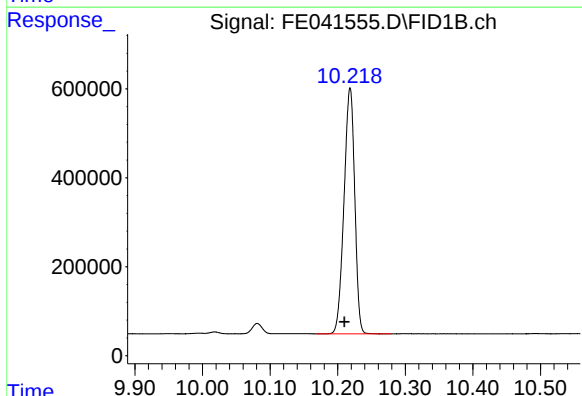
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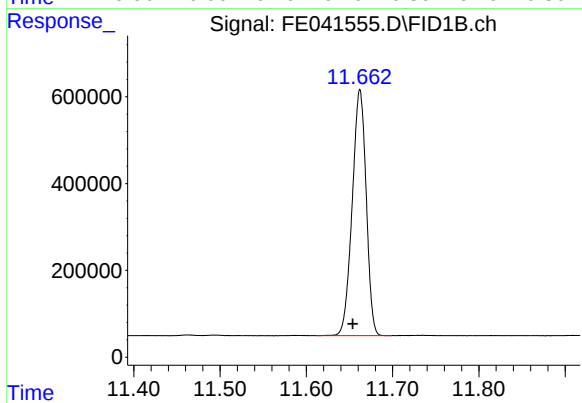
#6 n-Tetradecane (C14)

R.T.: 8.611 min
Delta R.T.: 0.009 min
Response: 5539333
Conc: 36.47 ug/ml



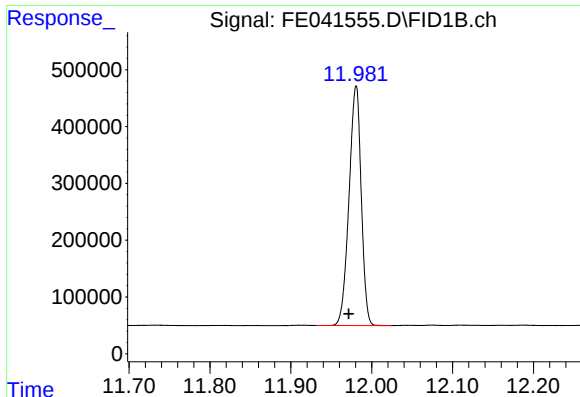
#7 n-Hexadecane (C16)

R.T.: 10.218 min
Delta R.T.: 0.009 min
Response: 6086505
Conc: 38.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.662 min
Delta R.T.: 0.008 min
Response: 6375957
Conc: 38.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.009 min
Response: 4415065
Conc: 23.53 ug/ml

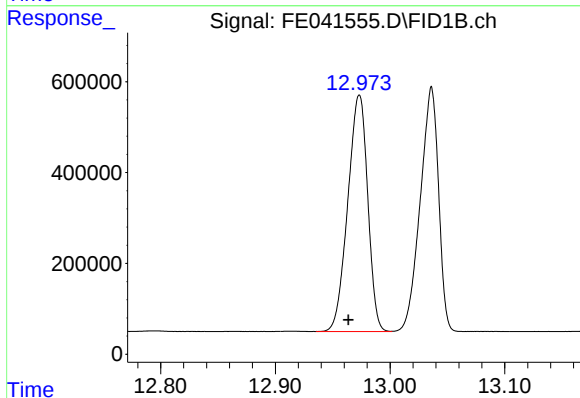
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FID_E

ClientSampleId :
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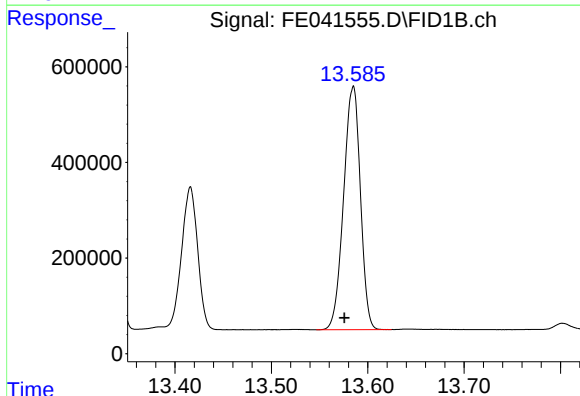
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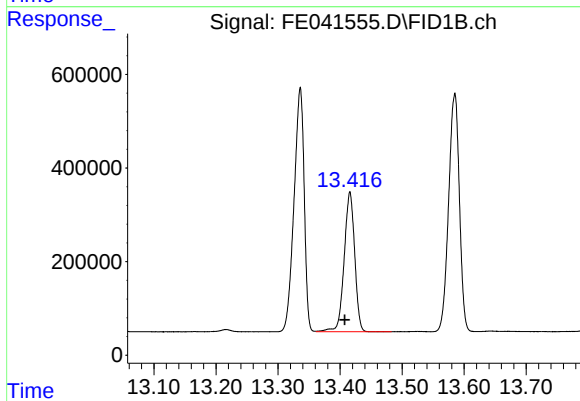
#10 n-Eicosane (C20)

R.T.: 12.973 min
Delta R.T.: 0.010 min
Response: 6296022
Conc: 39.14 ug/ml



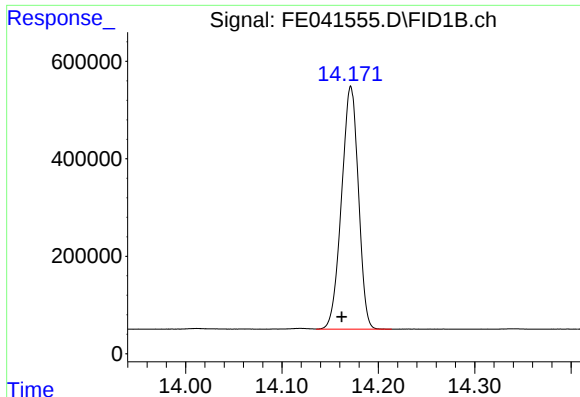
#11 n-Heneicosane (C21)

R.T.: 13.585 min
Delta R.T.: 0.009 min
Response: 6141165
Conc: 38.53 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.416 min
Delta R.T.: 0.008 min
Response: 3534613
Conc: 25.02 ug/ml



#13 n-Docosane (C22)

R.T.: 14.172 min
Delta R.T.: 0.010 min
Response: 6040293
Conc: 37.91 ug/ml

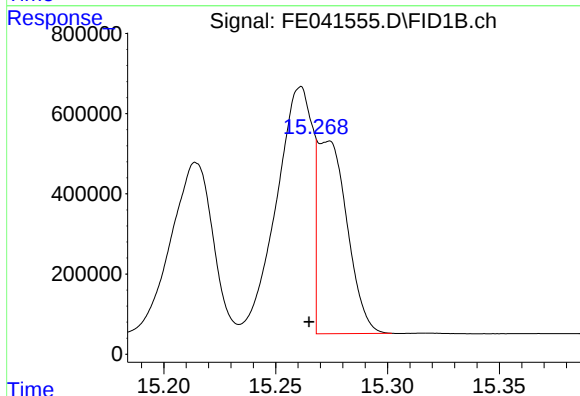
Instrument :

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ClientSampleId :
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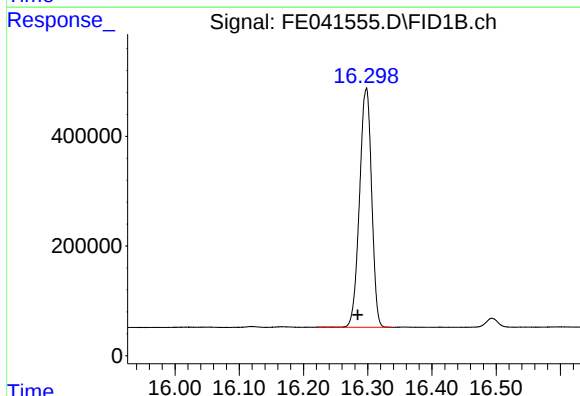
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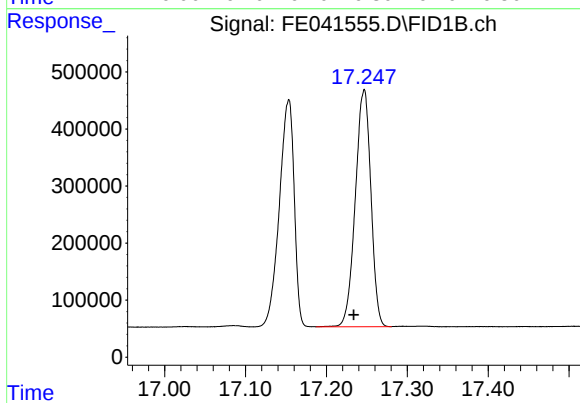
#14 n-Tetracosane (C24)

R.T.: 15.268 min
Delta R.T.: 0.003 min
Response: 4409438
Conc: 27.35 ug/ml m



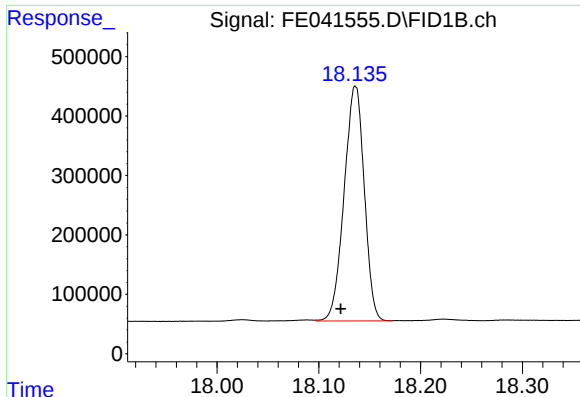
#15 n-Hexacosane (C26)

R.T.: 16.298 min
Delta R.T.: 0.013 min
Response: 5715405
Conc: 36.15 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.247 min
Delta R.T.: 0.013 min
Response: 5551765
Conc: 36.08 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.136 min
Delta R.T.: 0.014 min
Response: 5433136
Conc: 35.67 ug/ml

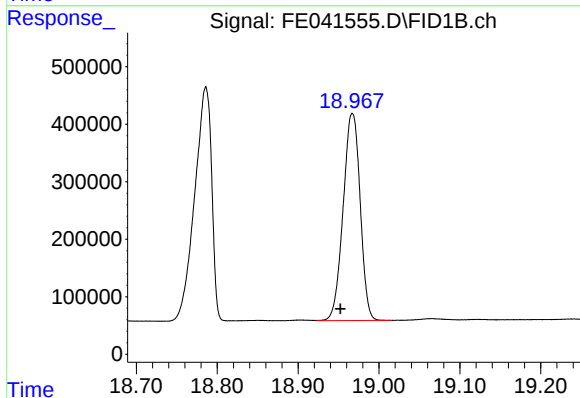
Instrument :

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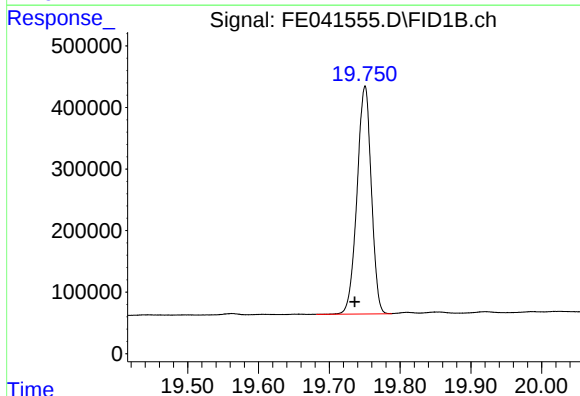
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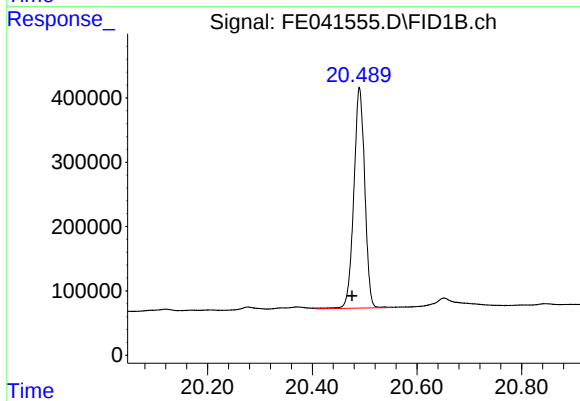
#18 n-Dotriacontane (C32)

R.T.: 18.967 min
Delta R.T.: 0.015 min
Response: 5266801
Conc: 35.35 ug/ml



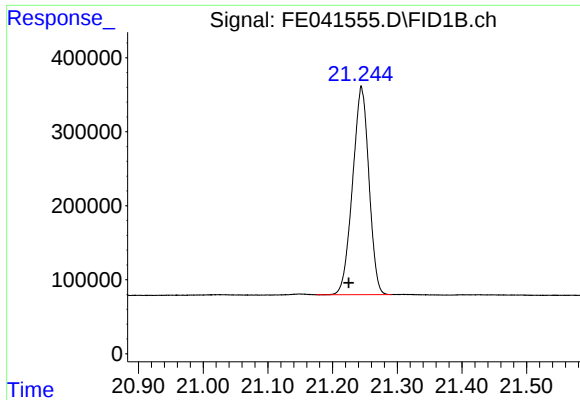
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min
Delta R.T.: 0.015 min
Response: 5187686
Conc: 36.82 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.490 min
Delta R.T.: 0.014 min
Response: 4968006
Conc: 37.15 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.245 min
Delta R.T.: 0.020 min
Response: 4934806
Conc: 37.35 ug/ml

Instrument :

FID_E

ClientSampleId :

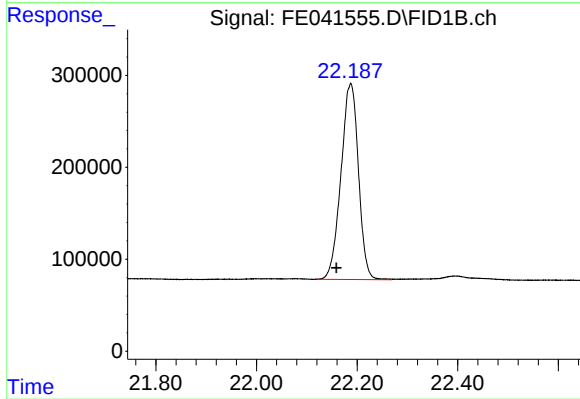
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#22 n-Tetracontane (C40)

R.T.: 22.188 min
Delta R.T.: 0.029 min
Response: 5142774
Conc: 40.62 ug/ml