

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE100224AL\
 Data File : FE050471.D
 Signal(s) : FID1B.ch
 Acq On : 02 Oct 2024 14:24
 Operator : YP\AJ
 Sample : PB163835BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163835BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/03/2024

Supervised By :Ankita Jodhani 10/03/2024

Integration File: autoint1.e

Quant Time: Oct 03 01:36:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.M

Quant Title : GC Extractables

QLast Update : Mon Sep 09 17:11:47 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)	11.865	5567599	37.422 ug/ml
Spiked Amount 50.000		Recovery =	74.84%
12) S 1-chlorooctadecane (S...	13.298	4597380	40.929 ug/ml
Spiked Amount 50.000		Recovery =	81.86%
Target Compounds			
1) T n-Nonane (C9)	3.259	4131178	30.478 ug/ml
2) T n-Decane (C10)	4.506	4338533	31.436 ug/ml
3) T A~Naphthalene (C11.7)	6.213	4854073	34.680 ug/ml
4) T n-Dodecane (C12)	6.671	4596843	33.242 ug/ml
5) T A~2-methylnaphthalene...	7.309	4575814	34.813 ug/ml
6) T n-Tetradecane (C14)	8.499	4826261	35.442 ug/ml
7) T n-Hexadecane (C16)	10.103	4880104	35.133 ug/ml
8) T n-Octadecane (C18)	11.545	4917116	35.097 ug/ml
10) T n-Eicosane (C20)	12.853	4955193	36.939 ug/ml
11) T n-Heneicosane (C21)	13.463	4788270	36.441 ug/ml
13) T n-Docosane (C22)	14.048	4729239	36.318 ug/ml
14) T n-Tetracosane (C24)	15.148	9517901	72.884 ug/ml
15) T n-Hexacosane (C26)	16.169	4614564	36.068 ug/ml
16) T n-Octacosane (C28)	17.117	5747176	44.618 ug/ml
17) T n-Tricontane (C30)	18.003	4828279	36.107 ug/ml
18) T n-Dotriacontane (C32)	18.834	4931178	37.005 ug/mlm
19) T n-Tetratriacontane (C34)	19.617	4728003	38.264 ug/ml
20) T n-Hexatriacontane (C36)	20.357	4373069	39.415 ug/mlm
21) T n-Octatriacontane (C38)	21.080	3972887	36.026 ug/ml
22) T n-Tetracontane (C40)	21.966	3321056	30.520 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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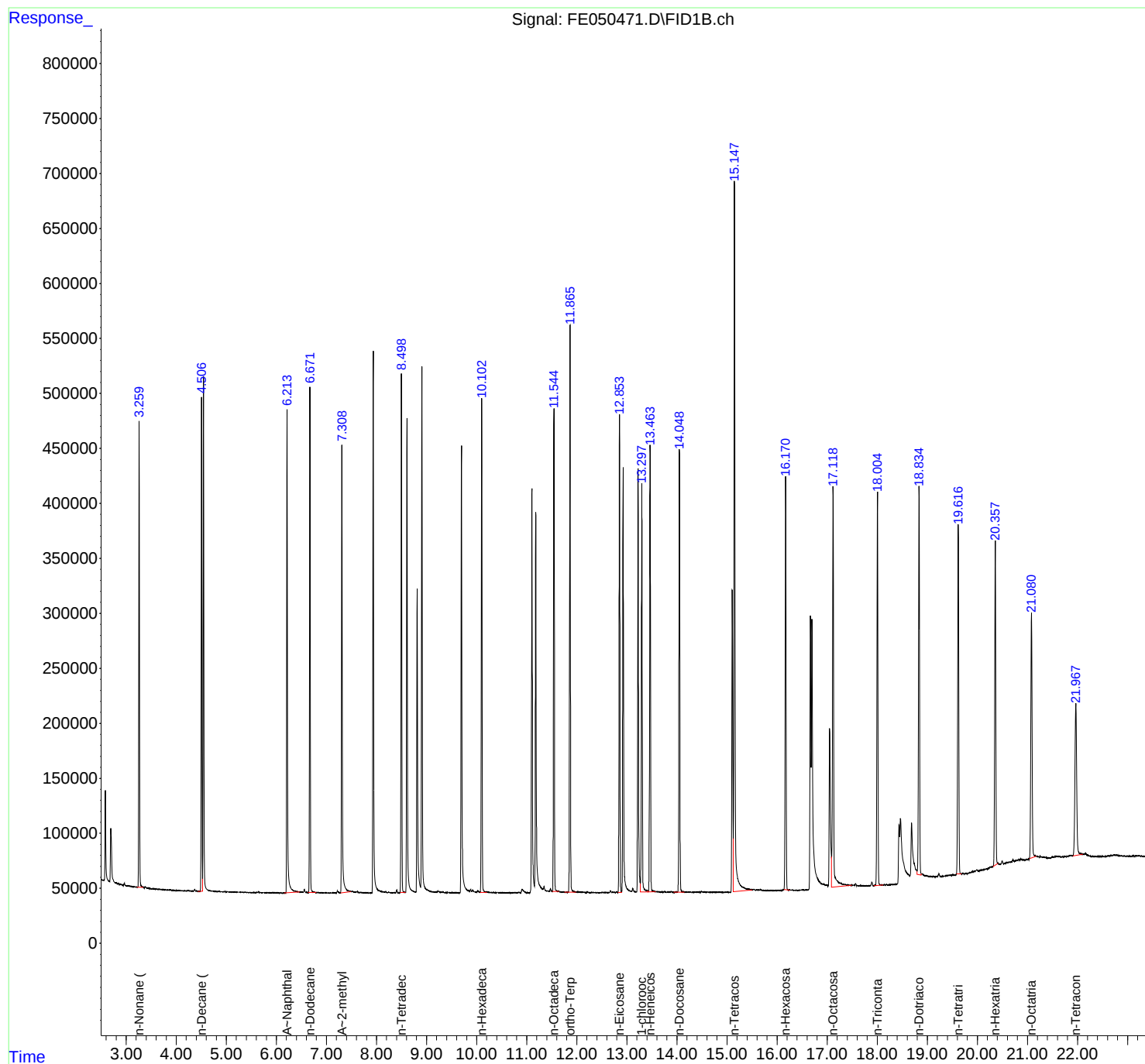
Response via : Initial Calibration

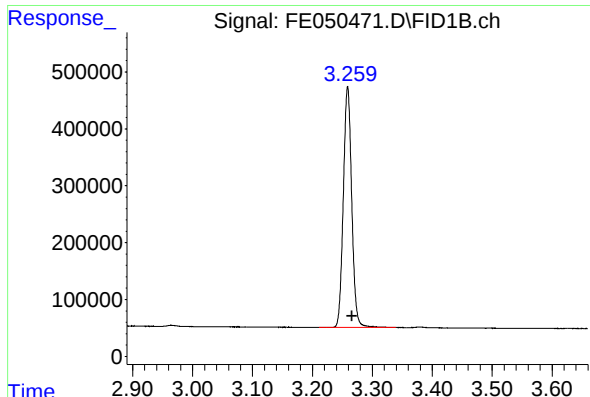
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.259 min
Delta R.T.: -0.007 min
Response: 4131178
Conc: 30.48 ug/ml

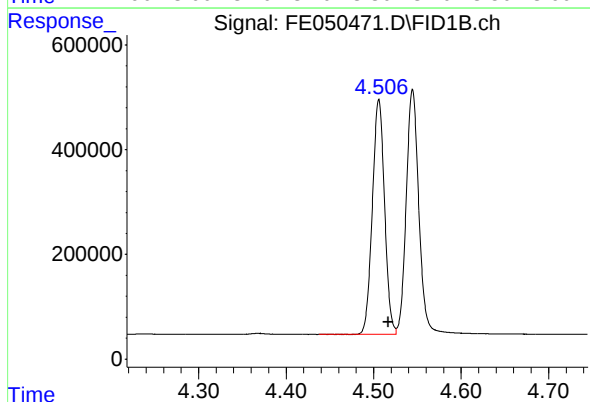
Instrument :

FID_E

ClientSampleId :
PB163835BS

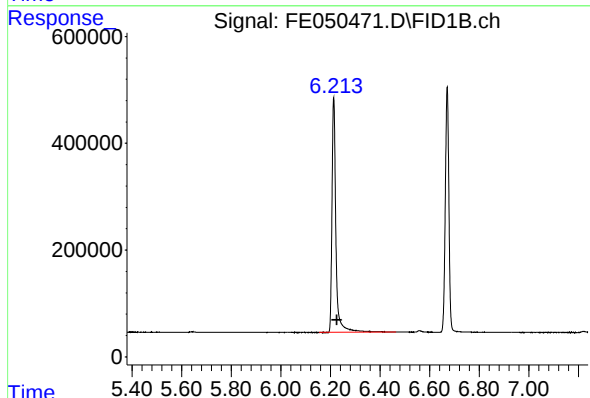
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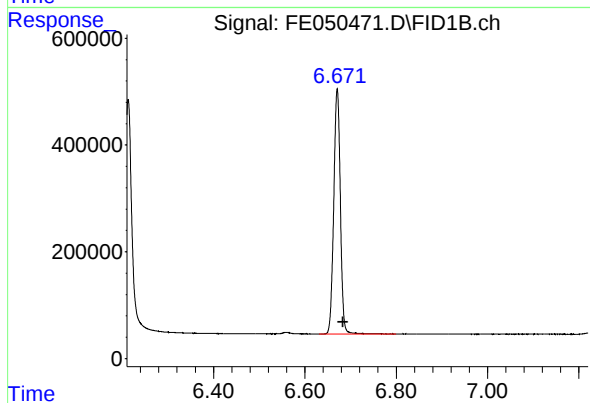
#2 n-Decane (C10)

R.T.: 4.506 min
Delta R.T.: -0.011 min
Response: 4338533
Conc: 31.44 ug/ml



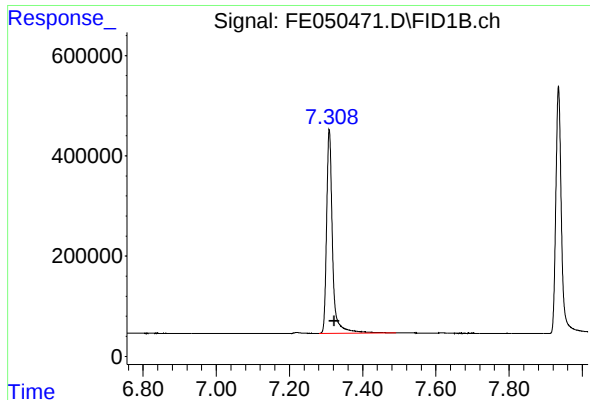
#3 A~Naphthalene (C11.7)

R.T.: 6.213 min
Delta R.T.: -0.014 min
Response: 4854073
Conc: 34.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.671 min
Delta R.T.: -0.013 min
Response: 4596843
Conc: 33.24 ug/ml



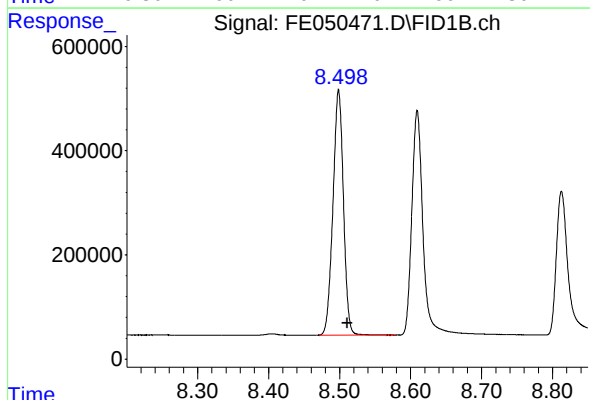
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.309 min
Delta R.T.: -0.014 min
Response: 4575814
Conc: 34.81 ug/ml

Instrument :
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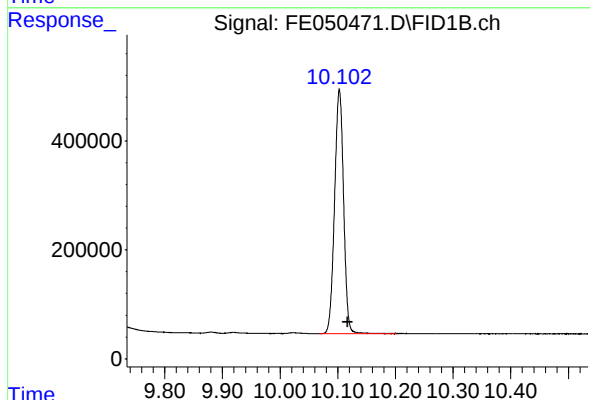
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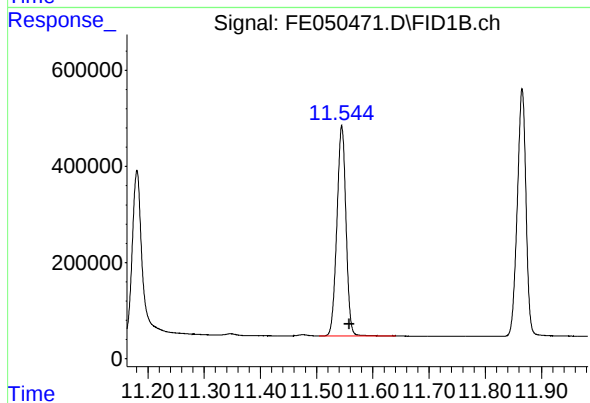
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.012 min
Response: 4826261
Conc: 35.44 ug/ml



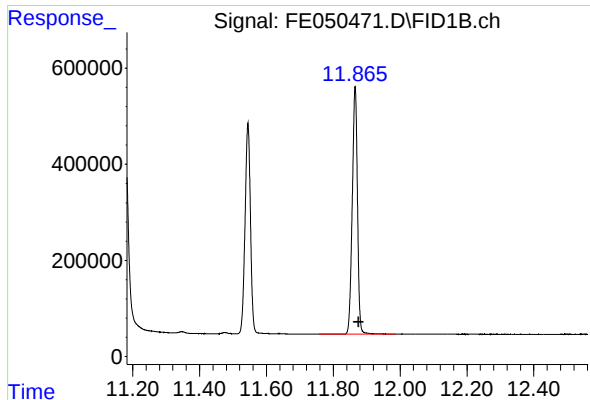
#7 n-Hexadecane (C16)

R.T.: 10.103 min
Delta R.T.: -0.014 min
Response: 4880104
Conc: 35.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.545 min
Delta R.T.: -0.014 min
Response: 4917116
Conc: 35.10 ug/ml



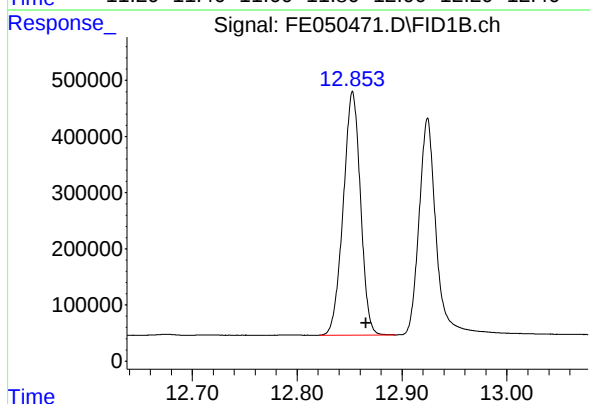
#9 ortho-Terphenyl (SURR)

R.T.: 11.865 min
Delta R.T.: -0.011 min
Response: 5567599
Conc: 37.42 ug/ml

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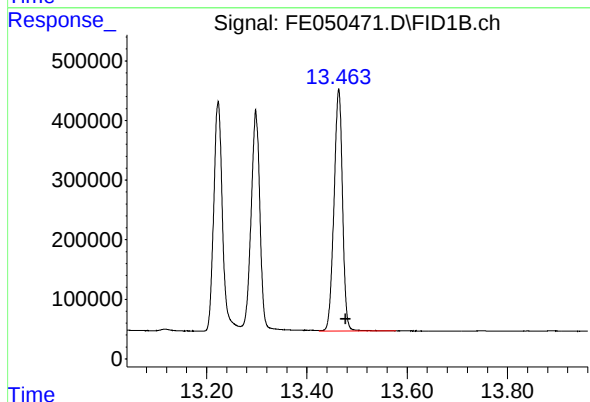
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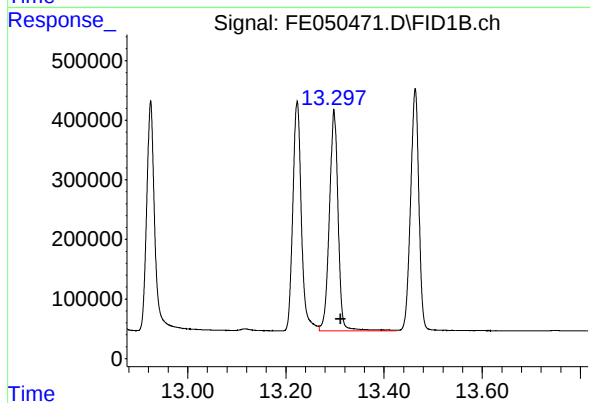
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: -0.013 min
Response: 4955193
Conc: 36.94 ug/ml



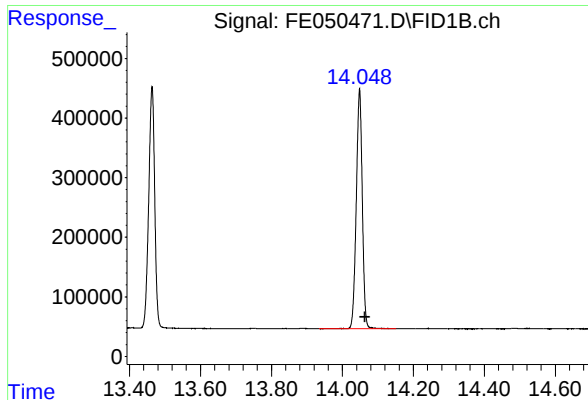
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: -0.014 min
Response: 4788270
Conc: 36.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: -0.014 min
Response: 4597380
Conc: 40.93 ug/ml



#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: -0.015 min
Response: 4729239
Conc: 36.32 ug/ml

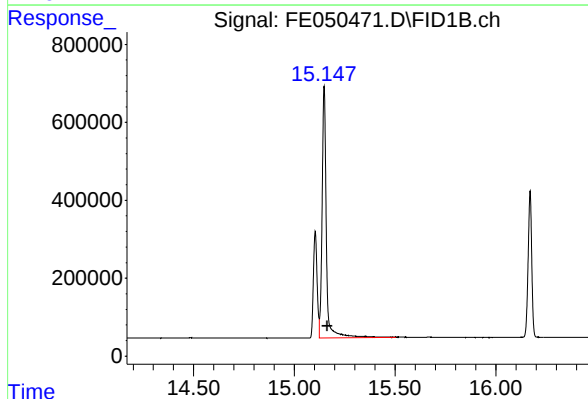
Instrument :

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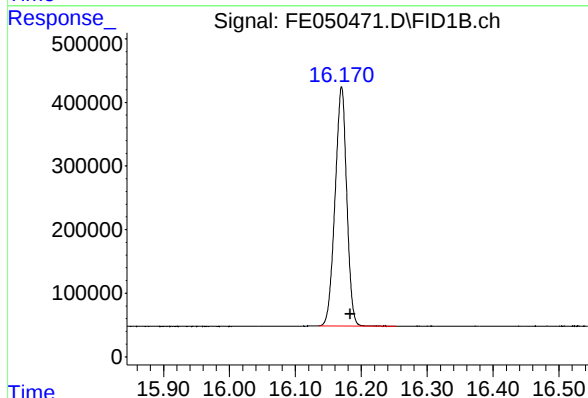
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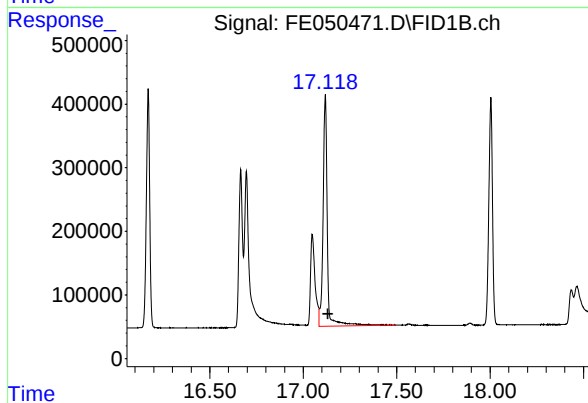
#14 n-Tetracosane (C24)

R.T.: 15.148 min
Delta R.T.: -0.017 min
Response: 9517901
Conc: 72.88 ug/ml



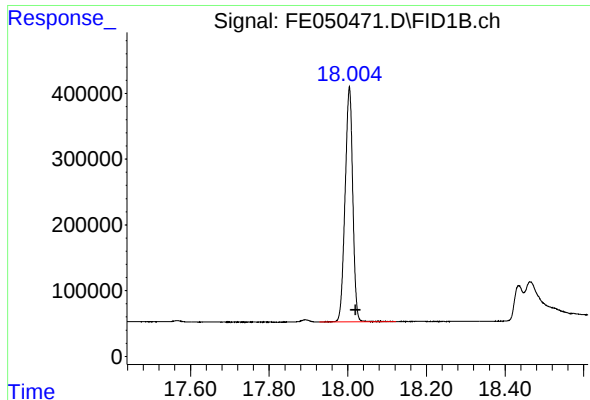
#15 n-Hexacosane (C26)

R.T.: 16.169 min
Delta R.T.: -0.014 min
Response: 4614564
Conc: 36.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.117 min
Delta R.T.: -0.016 min
Response: 5747176
Conc: 44.62 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.003 min
Delta R.T.: -0.016 min
Response: 4828279
Conc: 36.11 ug/ml

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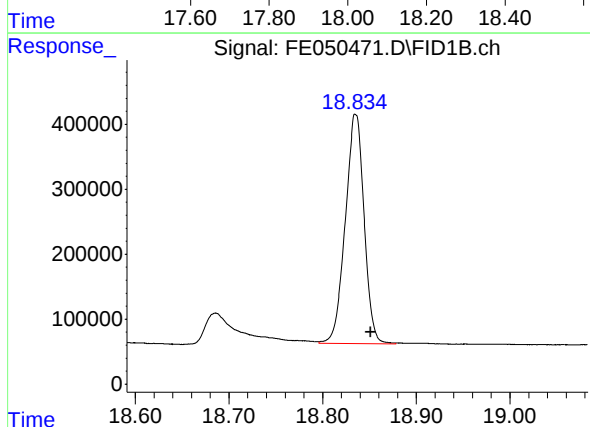
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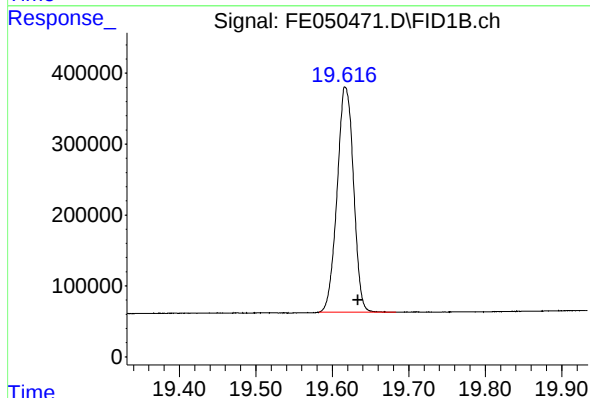
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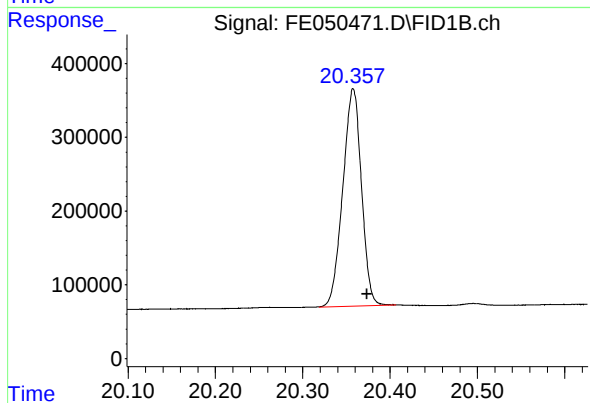
#18 n-Dotriacontane (C32)

R.T.: 18.834 min
Delta R.T.: -0.017 min
Response: 4931178
Conc: 37.01 ug/ml m



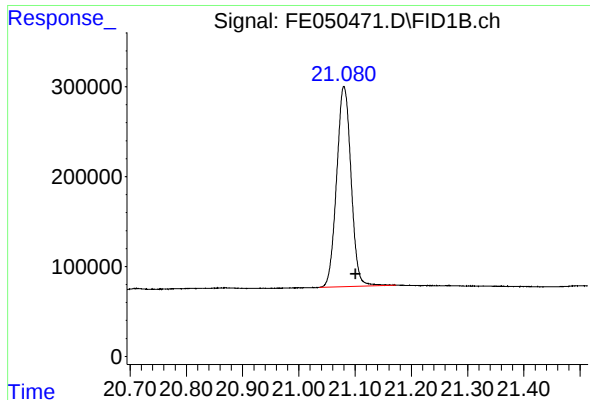
#19 n-Tetratriacontane (C34)

R.T.: 19.617 min
Delta R.T.: -0.016 min
Response: 4728003
Conc: 38.26 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.357 min
Delta R.T.: -0.017 min
Response: 4373069
Conc: 39.41 ug/ml m



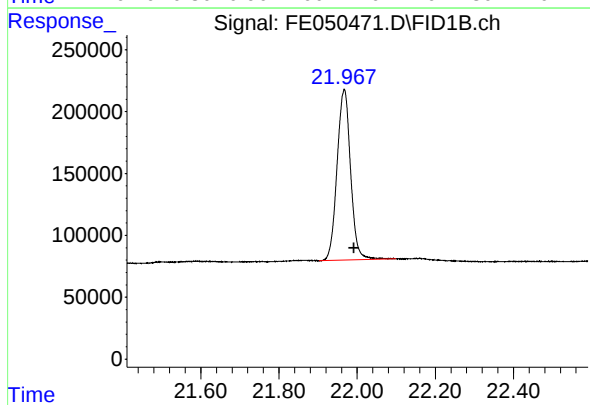
#21 n-Octatriacontane (C38)

R.T.: 21.080 min
Delta R.T.: -0.020 min
Response: 3972887
Conc: 36.03 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.966 min
Delta R.T.: -0.026 min
Response: 3321056
Conc: 30.52 ug/ml