

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102924AL\
 Data File : FE050886.D
 Signal(s) : FID1B.ch
 Acq On : 29 Oct 2024 17:21
 Operator : YP\AJ
 Sample : P4597-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

RED-1-1MS

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/30/2024

Supervised By :Ankita Jodhani 10/30/2024

Integration File: autoint1.e

Quant Time: Oct 30 05:06:10 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.859	3972786	25.199 ug/ml
Spiked Amount 50.000		Recovery =	50.40%
12) S 1-chlorooctadecane (S...	13.292	3580352	30.267 ug/ml
Spiked Amount 50.000		Recovery =	60.53%
Target Compounds			
1) T n-Nonane (C9)	3.247	3811349	26.975 ug/ml
2) T n-Decane (C10)	4.498	4288928	29.893 ug/ml
3) T A~Naphthalene (C11.7)	6.209	4538015	31.736 ug/ml
4) T n-Dodecane (C12)	6.666	4645370	32.274 ug/ml
5) T A~2-methylnaphthalene...	7.305	4289887	32.381 ug/ml
6) T n-Tetradecane (C14)	8.493	4907519	34.302 ug/ml
7) T n-Hexadecane (C16)	10.098	5204017	35.361 ug/ml
8) T n-Octadecane (C18)	11.539	5564101	37.251 ug/mlm
10) T n-Eicosane (C20)	12.849	5763963	40.195 ug/ml
11) T n-Heneicosane (C21)	13.458	5553555	39.546 ug/ml
13) T n-Docosane (C22)	14.044	5669784	40.413 ug/ml
14) T n-Tetracosane (C24)	15.146	10698997	75.731 ug/mlm
15) T n-Hexacosane (C26)	16.167	5529655	39.296 ug/ml
16) T n-Octacosane (C28)	17.113	5756949	39.342 ug/mlm
17) T n-Tricontane (C30)	18.002	5831592	36.676 ug/ml
18) T n-Dotriacontane (C32)	18.833	5973317	36.846 ug/ml
19) T n-Tetratriacontane (C34)	19.615	6050213	41.188 ug/ml
20) T n-Hexatriacontane (C36)	20.353	6011242	47.402 ug/mlm
21) T n-Octatriacontane (C38)	21.079	5905835	47.764 ug/ml
22) T n-Tetracontane (C40)	21.964	5354476	48.087 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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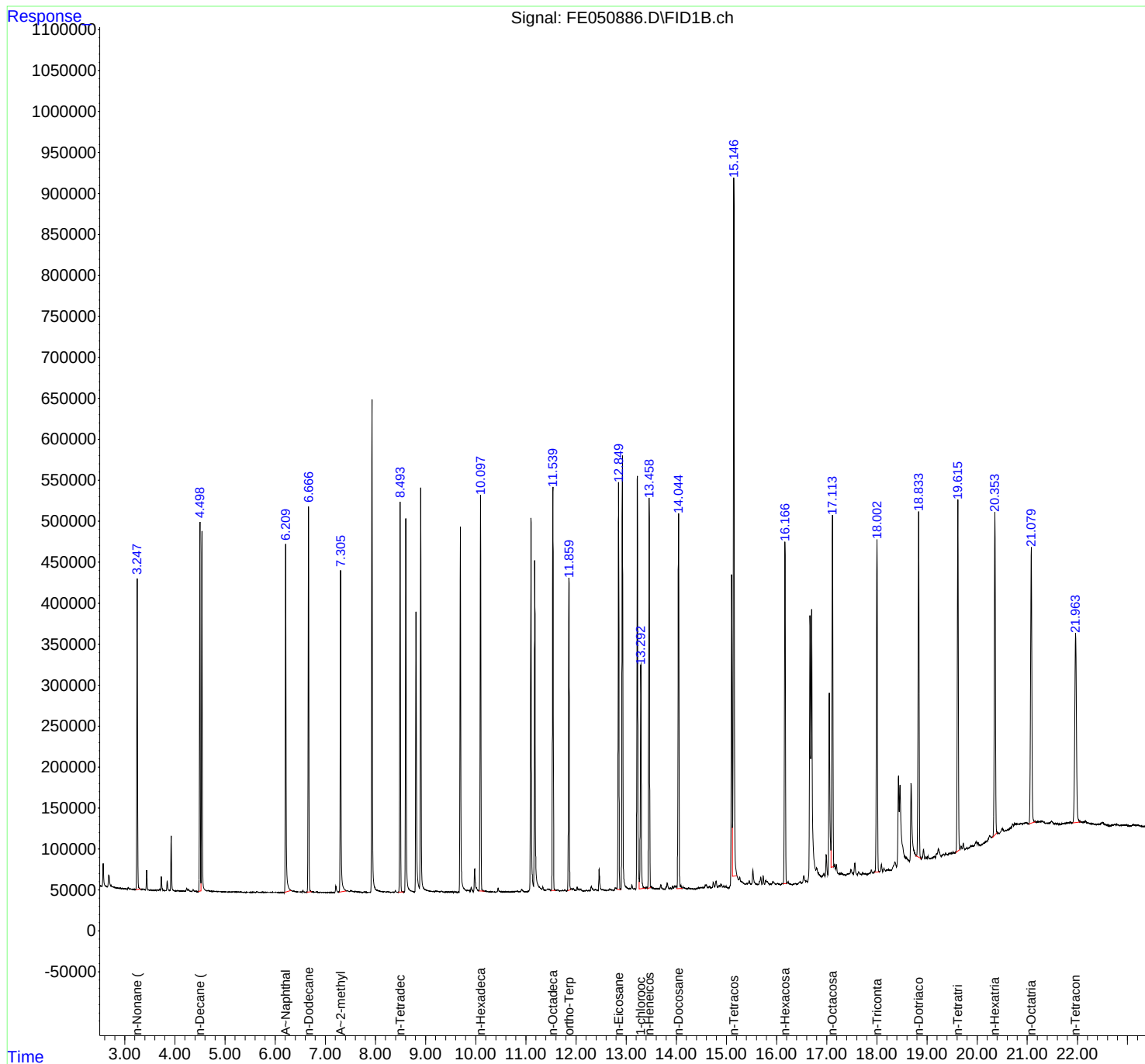
Instrument :
FID_E
ClientSampleId :
RED-1-1MS

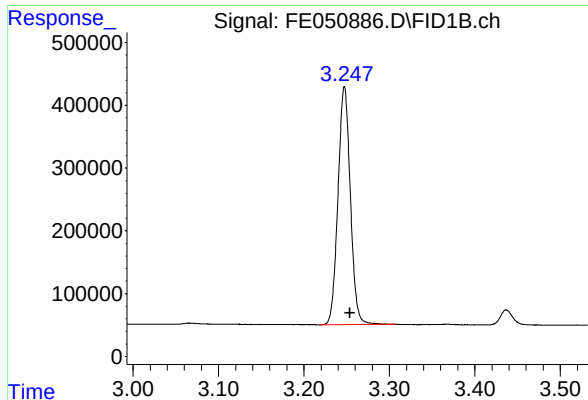
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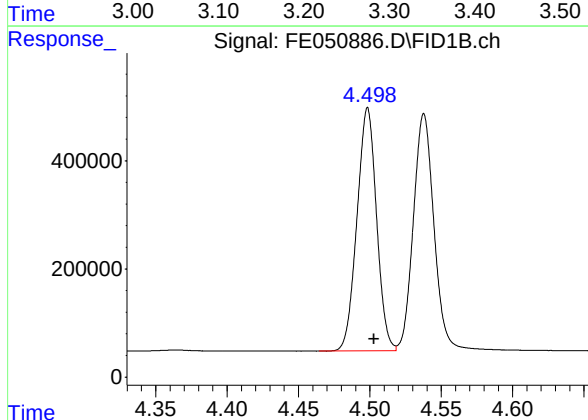
#1 n-Nonane (C9)

R.T.: 3.247 min
Delta R.T.: -0.007 min
Response: 3811349
Conc: 26.98 ug/ml

Instrument :
FID_E
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RED-1-1MS

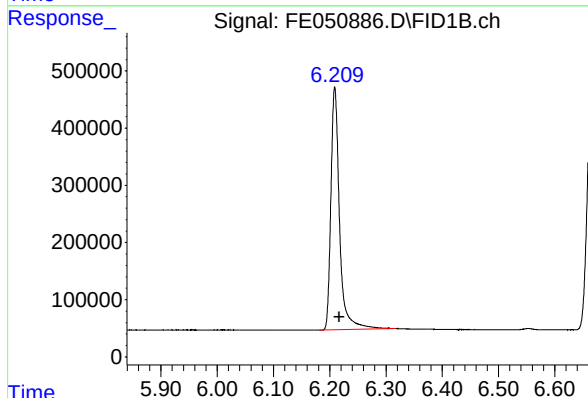
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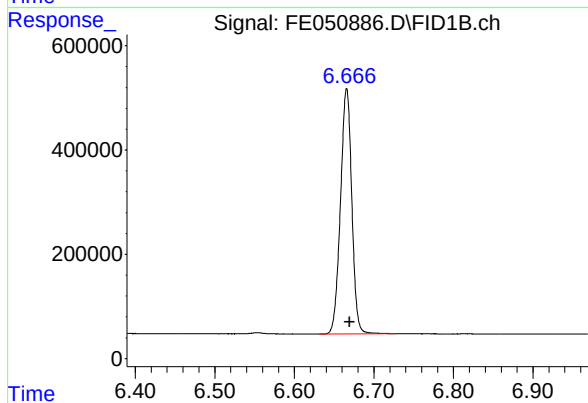
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.005 min
Response: 4288928
Conc: 29.89 ug/ml



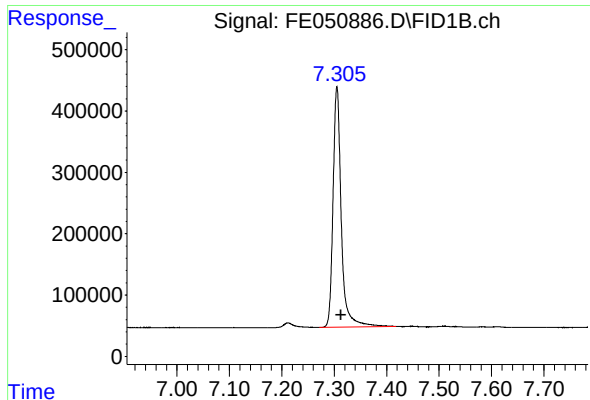
#3 A~Naphthalene (C11.7)

R.T.: 6.209 min
Delta R.T.: -0.008 min
Response: 4538015
Conc: 31.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: -0.004 min
Response: 4645370
Conc: 32.27 ug/ml



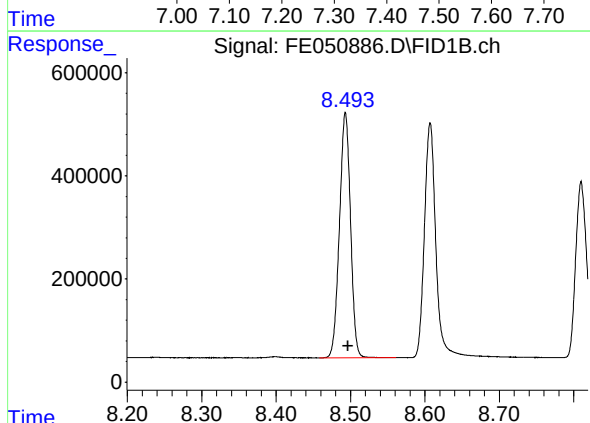
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.305 min
Delta R.T.: -0.008 min
Response: 4289887
Conc: 32.38 ug/ml

Instrument :
FID_E
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RED-1-1MS

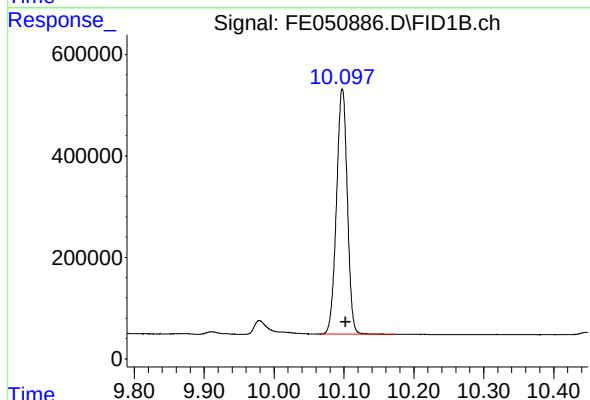
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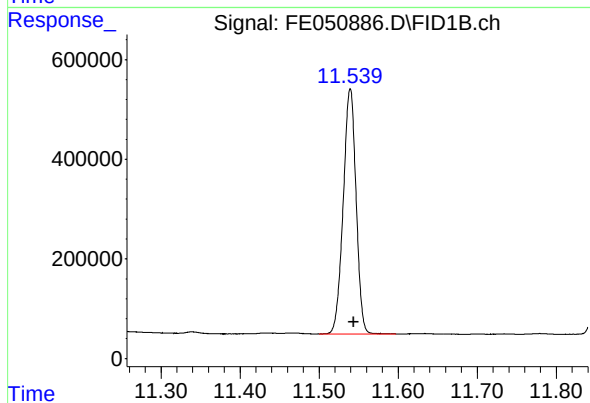
#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: -0.003 min
Response: 4907519
Conc: 34.30 ug/ml



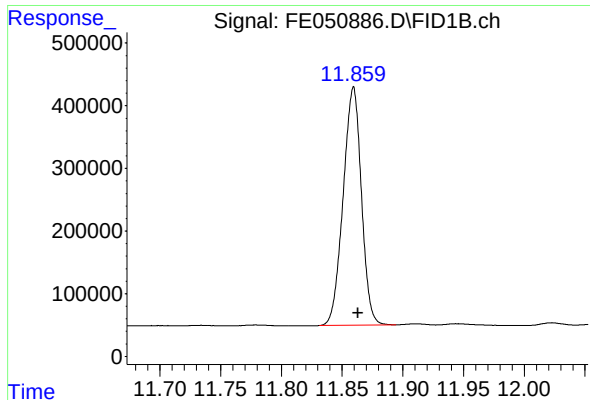
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: -0.005 min
Response: 5204017
Conc: 35.36 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.539 min
Delta R.T.: -0.005 min
Response: 5564101
Conc: 37.25 ug/ml m



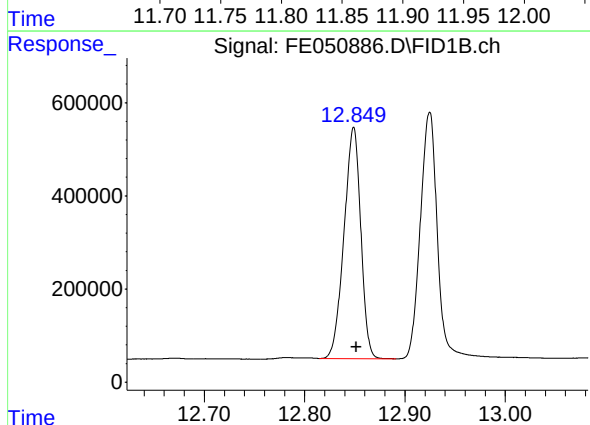
#9 ortho-Terphenyl (SURR)

R.T.: 11.859 min
Delta R.T.: -0.004 min
Response: 3972786
Conc: 25.20 ug/ml

Instrument :
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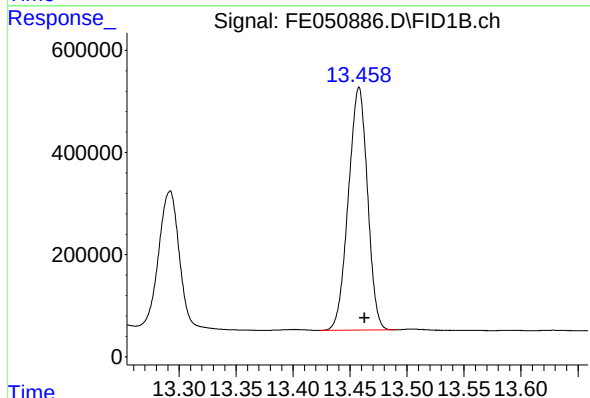
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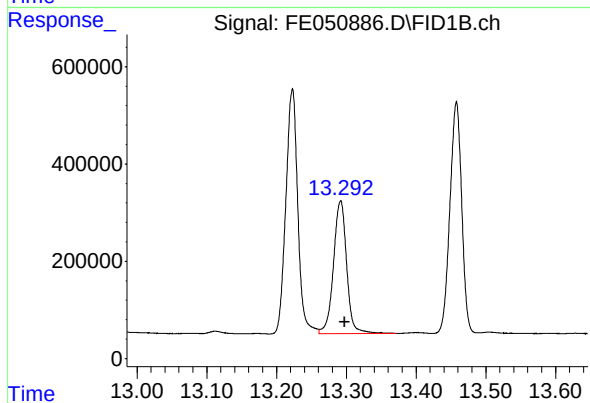
#10 n-Eicosane (C20)

R.T.: 12.849 min
Delta R.T.: -0.003 min
Response: 5763963
Conc: 40.19 ug/ml



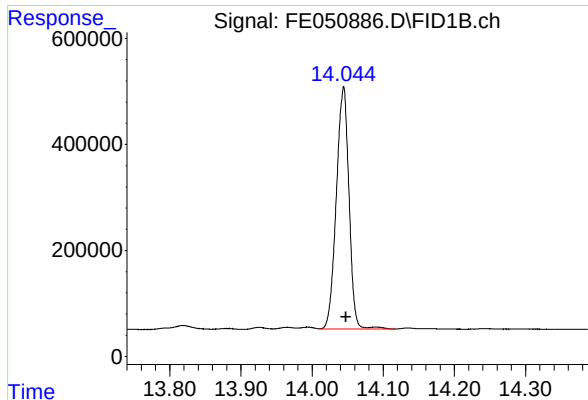
#11 n-Heneicosane (C21)

R.T.: 13.458 min
Delta R.T.: -0.005 min
Response: 5553555
Conc: 39.55 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.292 min
Delta R.T.: -0.006 min
Response: 3580352
Conc: 30.27 ug/ml



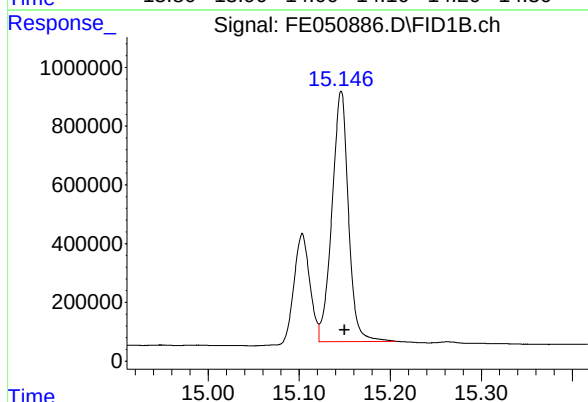
#13 n-Docosane (C22)

R.T.: 14.044 min
Delta R.T.: -0.004 min
Response: 5669784
Conc: 40.41 ug/ml

Instrument :
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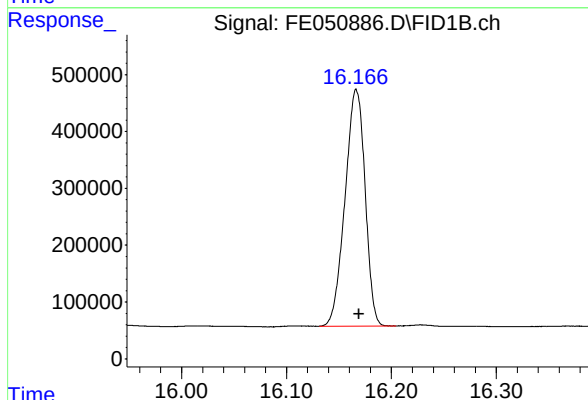
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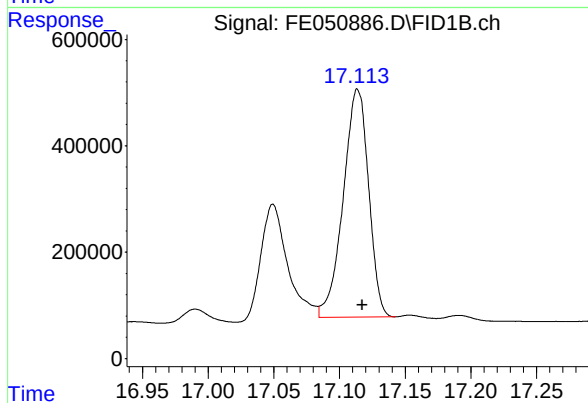
#14 n-Tetracosane (C24)

R.T.: 15.146 min
Delta R.T.: -0.004 min
Response: 10698997
Conc: 75.73 ug/ml m



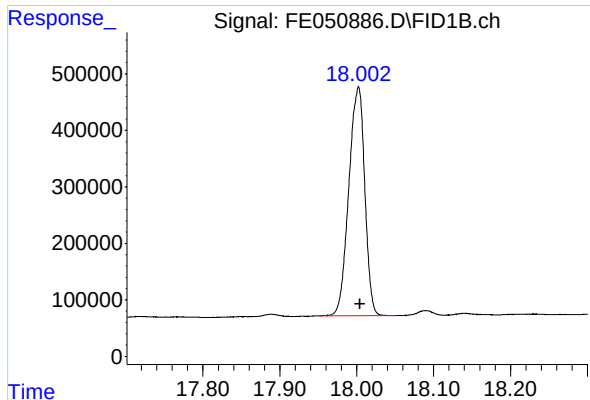
#15 n-Hexacosane (C26)

R.T.: 16.167 min
Delta R.T.: -0.003 min
Response: 5529655
Conc: 39.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.113 min
Delta R.T.: -0.004 min
Response: 5756949
Conc: 39.34 ug/ml m



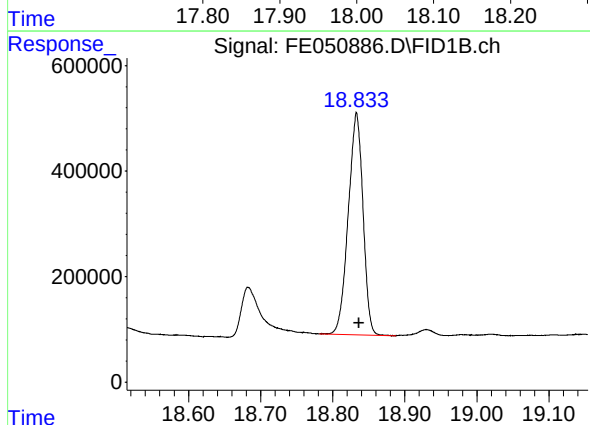
#17 n-Tricontane (C30)

R.T.: 18.002 min
Delta R.T.: -0.003 min
Response: 5831592
Conc: 36.68 ug/ml

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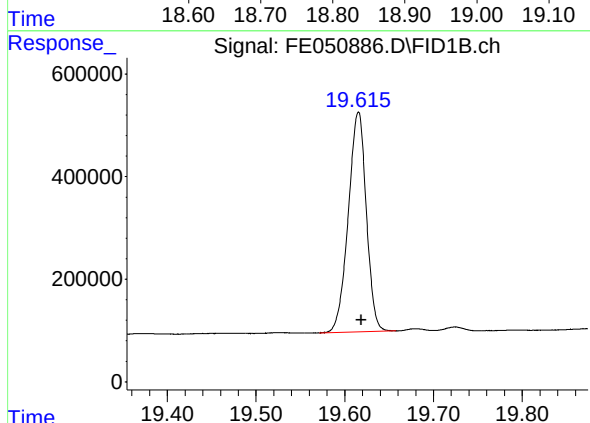
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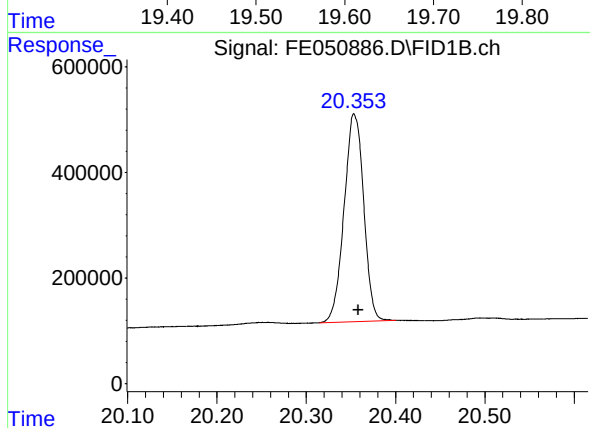
#18 n-Dotriacontane (C32)

R.T.: 18.833 min
Delta R.T.: -0.003 min
Response: 5973317
Conc: 36.85 ug/ml



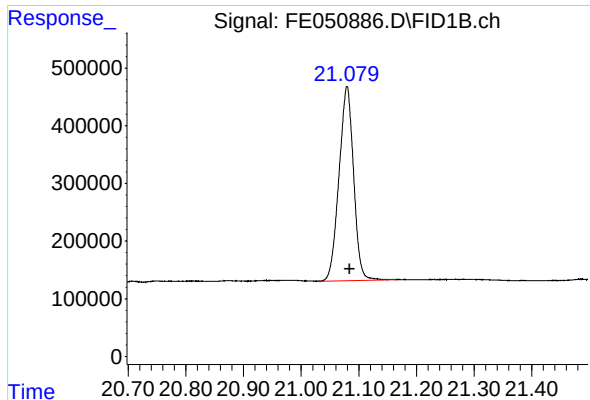
#19 n-Tetratriacontane (C34)

R.T.: 19.615 min
Delta R.T.: -0.003 min
Response: 6050213
Conc: 41.19 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.353 min
Delta R.T.: -0.006 min
Response: 6011242
Conc: 47.40 ug/ml m



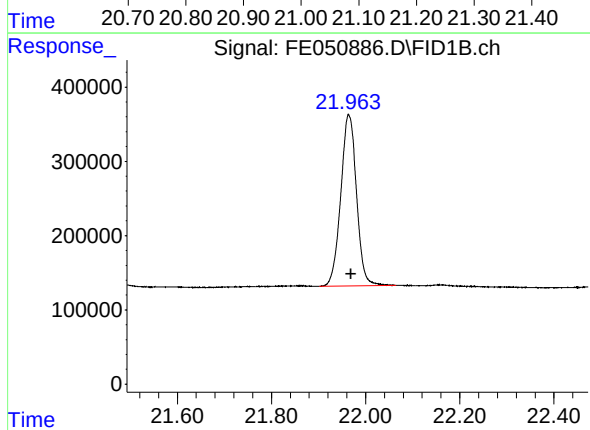
#21 n-Octatriacontane (C38)

R.T.: 21.079 min
Delta R.T.: -0.005 min
Response: 5905835
Conc: 47.76 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.964 min
Delta R.T.: -0.005 min
Response: 5354476
Conc: 48.09 ug/ml