

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE093024AL\
 Data File : FE050435.D
 Signal(s) : FID1B.ch
 Acq On : 30 Sep 2024 15:01
 Operator : YP\AJ
 Sample : PB163785BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163785BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/01/2024

Supervised By :Ankita Jodhani 10/01/2024

Integration File: autoint1.e

Quant Time: Oct 01 02:05:59 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)	11.867	5241601	35.231 ug/ml
Spiked Amount 50.000		Recovery =	70.46%
12) S 1-chlorooctadecane (S...	13.300	4434096	39.475 ug/ml
Spiked Amount 50.000		Recovery =	78.95%
Target Compounds			
1) T n-Nonane (C9)	3.265	6354912	46.884 ug/ml
2) T n-Decane (C10)	4.511	6821573	49.428 ug/ml
3) T A~Naphthalene (C11.7)	6.217	7208303	51.499 ug/ml
4) T n-Dodecane (C12)	6.675	6885801	49.795 ug/mlm
5) T A~2-methylnaphthalene...	7.312	6412390	48.786 ug/ml
6) T n-Tetradecane (C14)	8.503	7161026	52.588 ug/ml
7) T n-Hexadecane (C16)	10.107	7203876	51.863 ug/ml
8) T n-Octadecane (C18)	11.549	7169366	51.172 ug/ml
10) T n-Eicosane (C20)	12.857	7116910	53.054 ug/mlm
11) T n-Heneicosane (C21)	13.468	6928816	52.732 ug/ml
13) T n-Docosane (C22)	14.053	6806769	52.272 ug/ml
14) T n-Tetracosane (C24)	15.153	13349989	102.228 ug/ml
15) T n-Hexacosane (C26)	16.175	6658621	52.045 ug/mlm
16) T n-Octacosane (C28)	17.122	7886162	61.224 ug/ml
17) T n-Tricontane (C30)	18.010	6967046	52.101 ug/ml
18) T n-Dotriacontane (C32)	18.841	7142399	53.599 ug/mlm
19) T n-Tetratriacontane (C34)	19.623	7200041	58.271 ug/ml
20) T n-Hexatriacontane (C36)	20.362	7036495	63.420 ug/ml
21) T n-Octatriacontane (C38)	21.085	7152444	64.857 ug/mlm
22) T n-Tetracontane (C40)	21.974	6733276	61.878 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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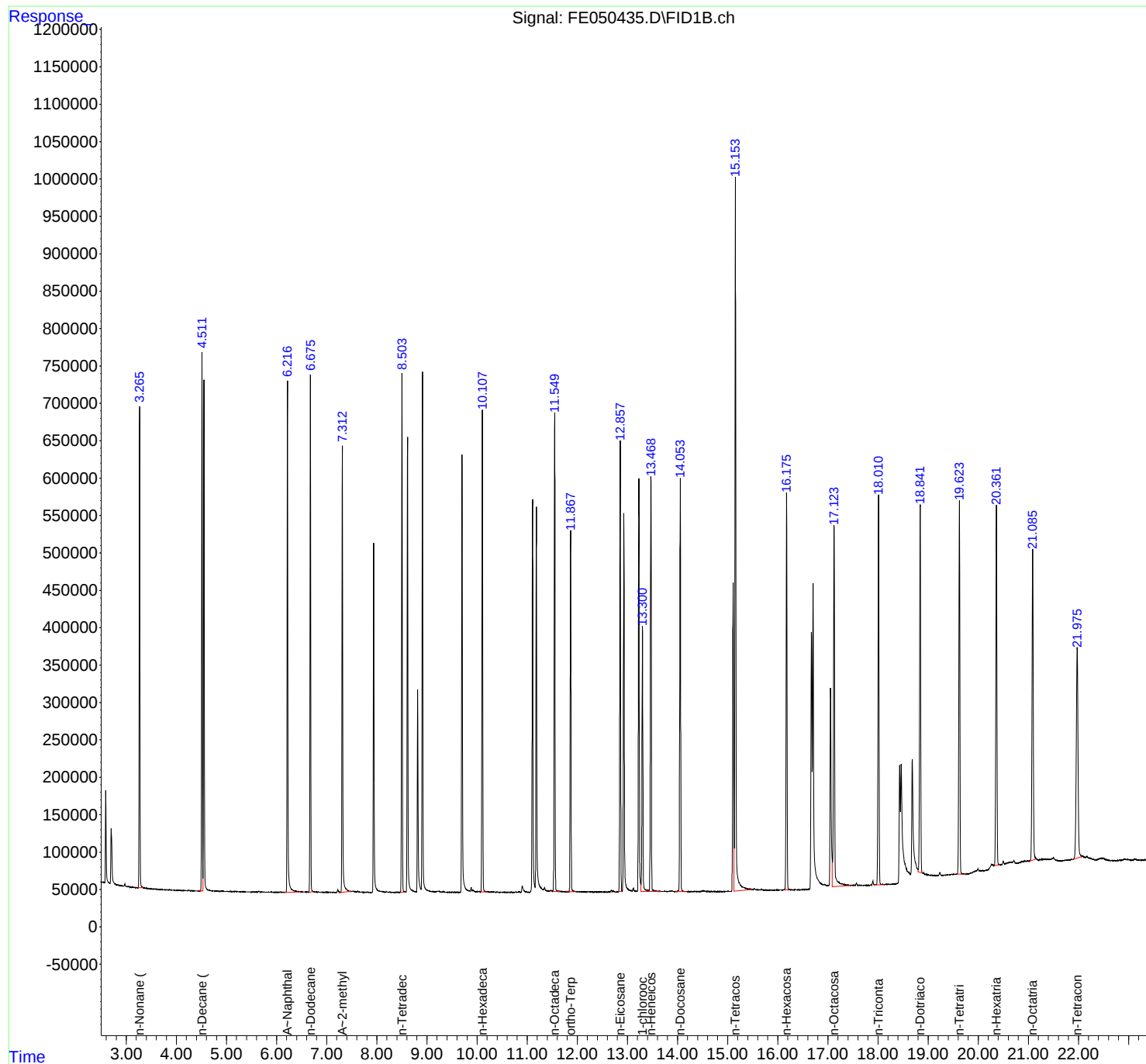
Response via : Initial Calibration

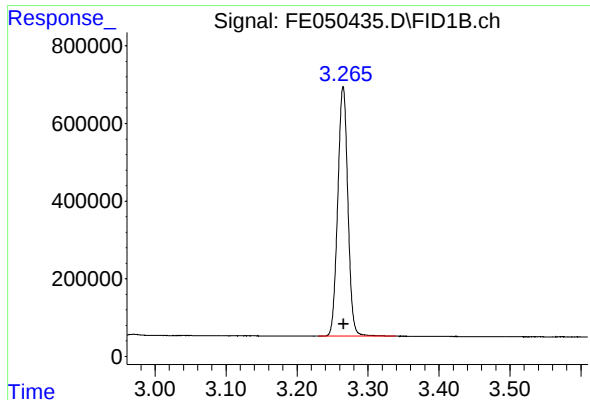
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: -0.001 min
Response: 6354912
Conc: 46.88 ug/ml

Instrument :

FID_E

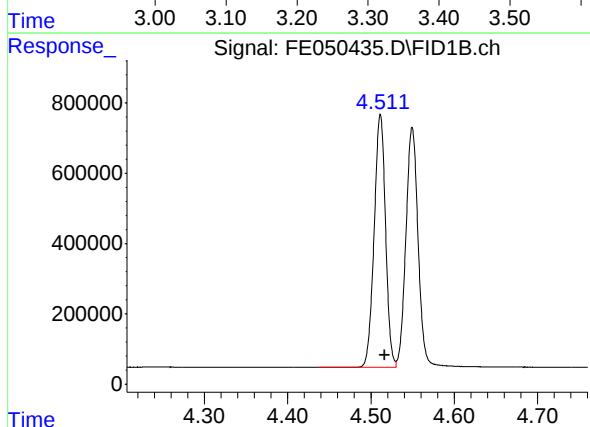
ClientSampleId :

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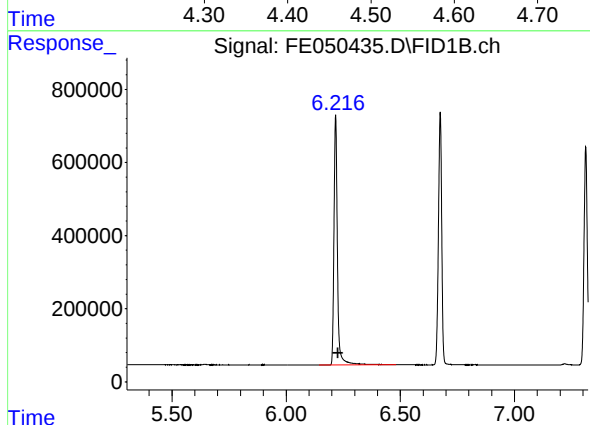
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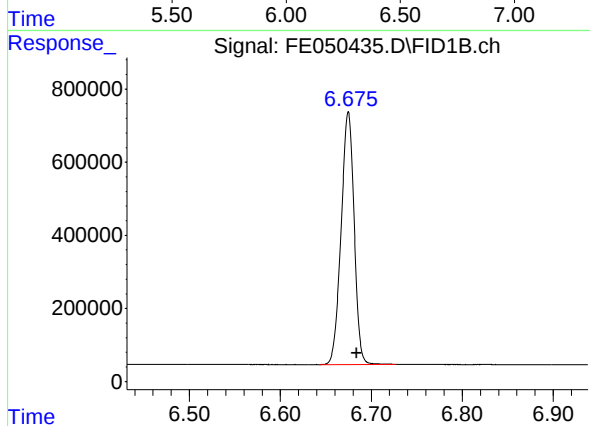
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 6821573
Conc: 49.43 ug/ml



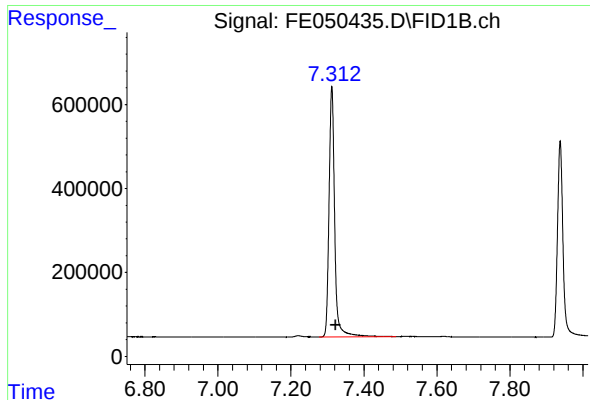
#3 A~Naphthalene (C11.7)

R.T.: 6.217 min
Delta R.T.: -0.010 min
Response: 7208303
Conc: 51.50 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.675 min
Delta R.T.: -0.009 min
Response: 6885801
Conc: 49.79 ug/ml m



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

R.T.: 7.312 min
Delta R.T.: -0.011 min
Response: 6412390
Conc: 48.79 ug/ml

Instrument :

FID_E

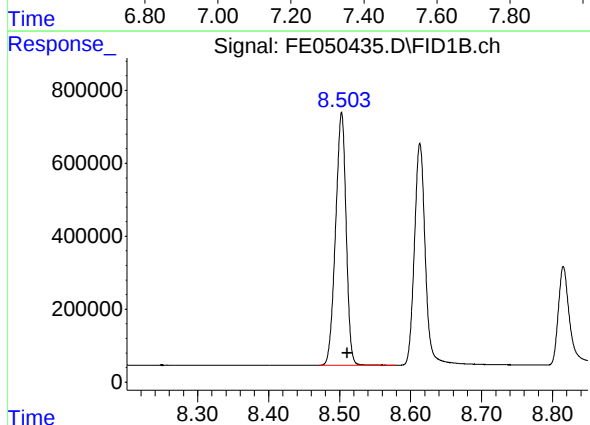
ClientSampleId :

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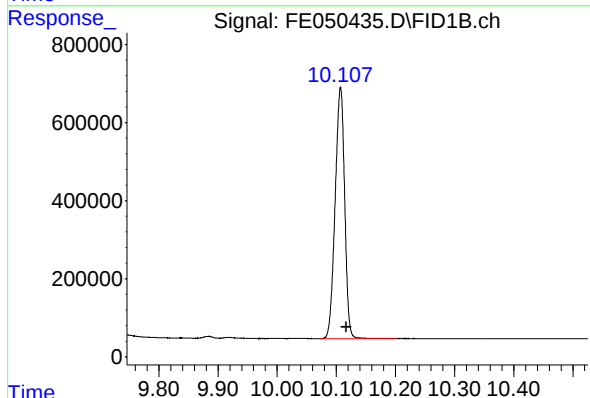
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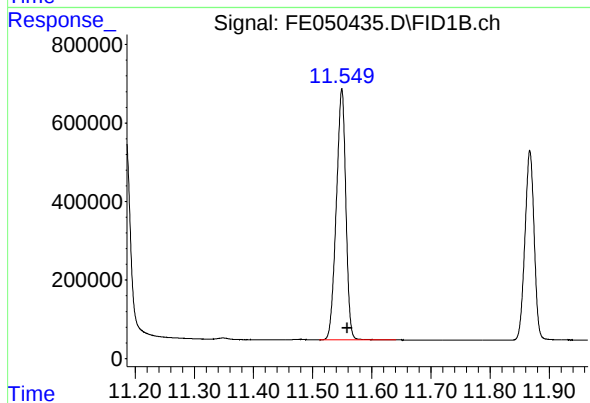
#6 n-Tetradecane (C14)

R.T.: 8.503 min
Delta R.T.: -0.008 min
Response: 7161026
Conc: 52.59 ug/ml



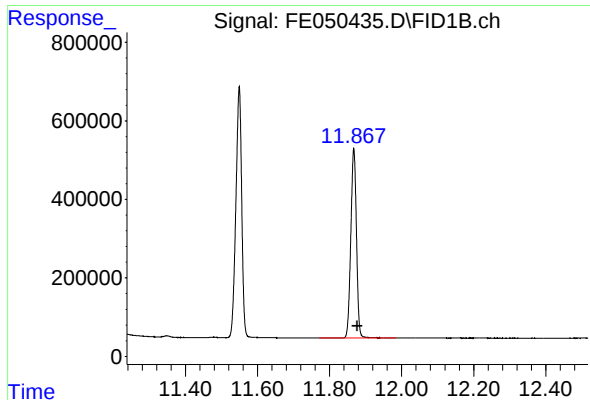
#7 n-Hexadecane (C16)

R.T.: 10.107 min
Delta R.T.: -0.010 min
Response: 7203876
Conc: 51.86 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: -0.010 min
Response: 7169366
Conc: 51.17 ug/ml



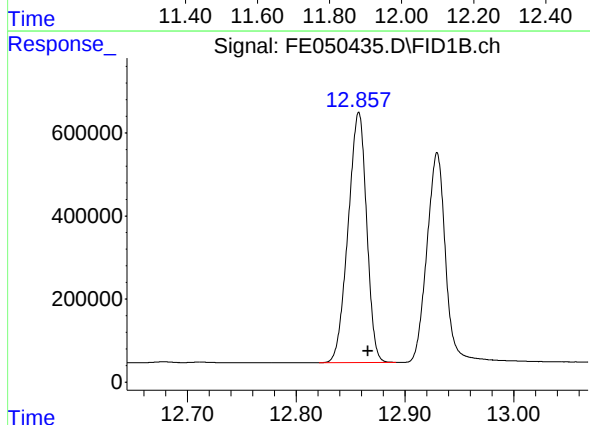
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.009 min
Response: 5241601
Conc: 35.23 ug/ml

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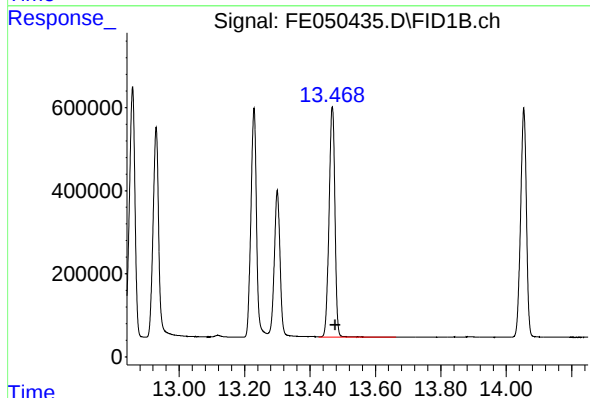
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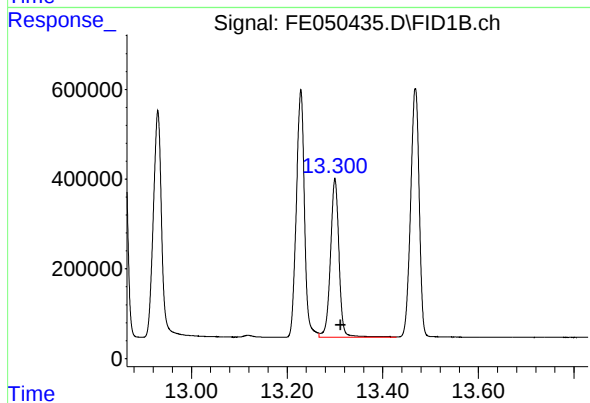
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: -0.009 min
Response: 7116910
Conc: 53.05 ug/ml



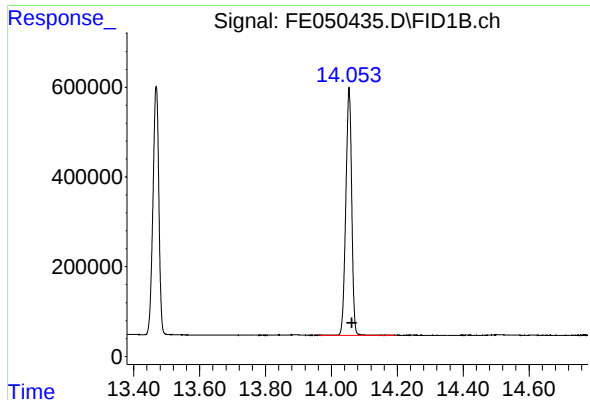
#11 n-Heneicosane (C21)

R.T.: 13.468 min
Delta R.T.: -0.010 min
Response: 6928816
Conc: 52.73 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.300 min
Delta R.T.: -0.012 min
Response: 4434096
Conc: 39.47 ug/ml



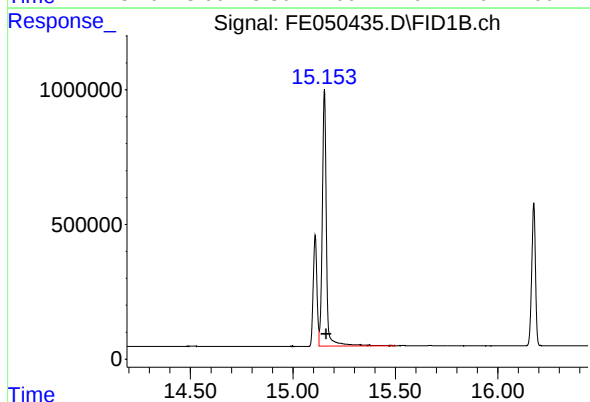
#13 n-Docosane (C22)

R.T.: 14.053 min
Delta R.T.: -0.010 min
Response: 6806769
Conc: 52.27 ug/ml

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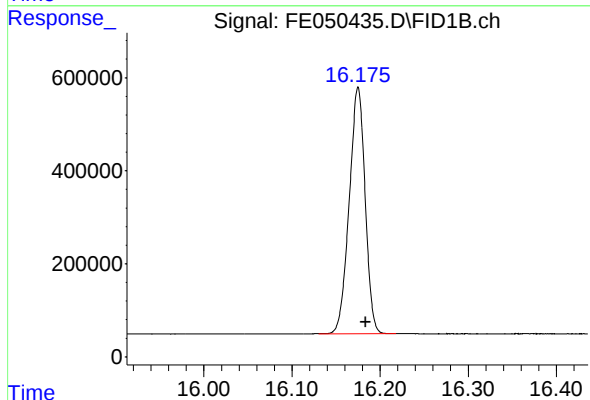
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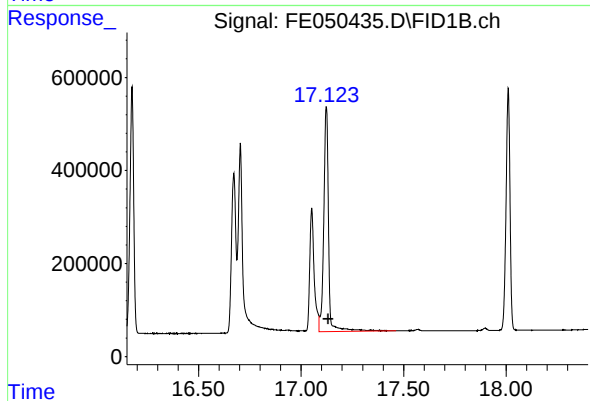
#14 n-Tetracosane (C24)

R.T.: 15.153 min
Delta R.T.: -0.011 min
Response: 13349989
Conc: 102.23 ug/ml



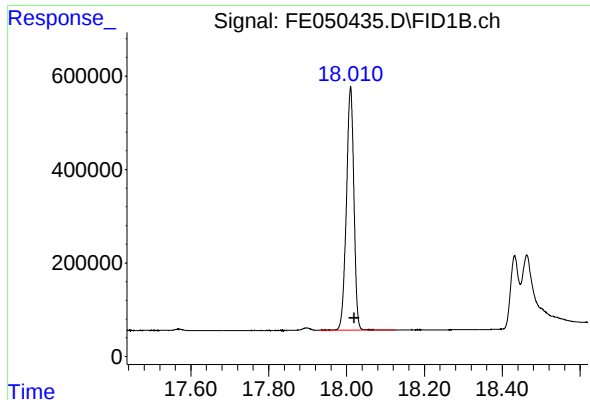
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 6658621
Conc: 52.05 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 7886162
Conc: 61.22 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.010 min
Delta R.T.: -0.010 min
Response: 6967046
Conc: 52.10 ug/ml

Instrument :

FID_E

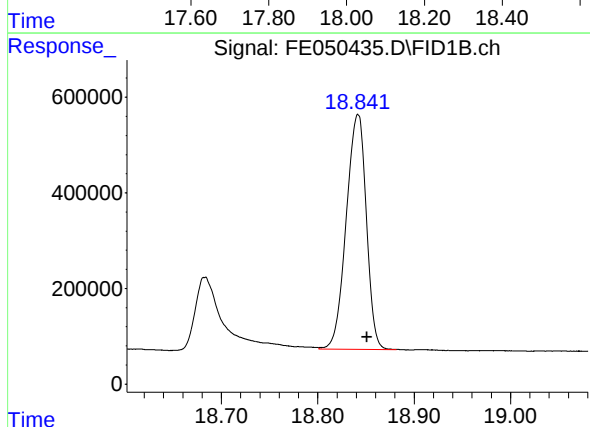
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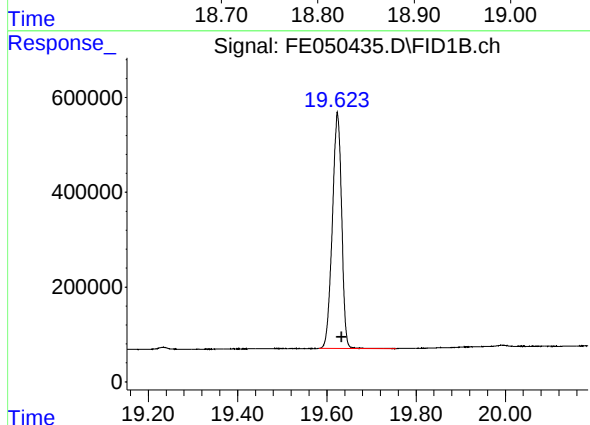
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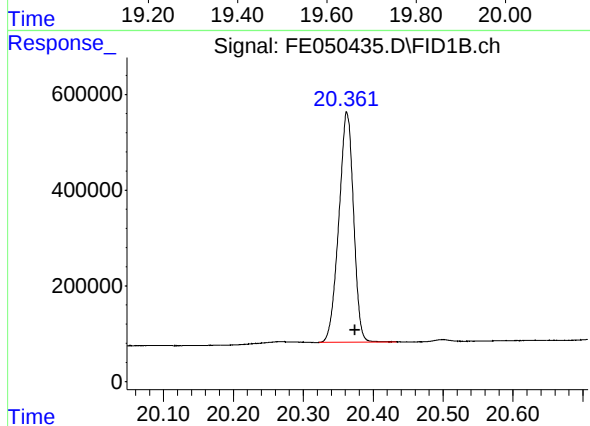
#18 n-Dotriacontane (C32)

R.T.: 18.841 min
Delta R.T.: -0.010 min
Response: 7142399
Conc: 53.60 ug/ml m



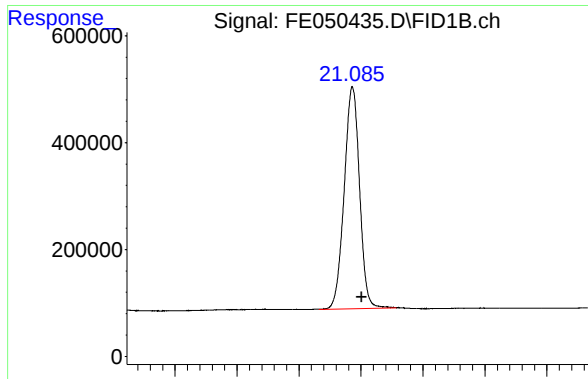
#19 n-Tetratriacontane (C34)

R.T.: 19.623 min
Delta R.T.: -0.010 min
Response: 7200041
Conc: 58.27 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.012 min
Response: 7036495
Conc: 63.42 ug/ml



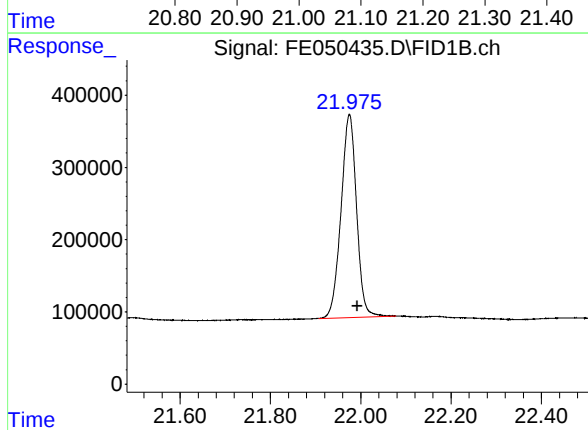
#21 n-Octatriacontane (C38)

R.T.: 21.085 min
Delta R.T.: -0.015 min
Response: 7152444
Conc: 64.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.974 min
Delta R.T.: -0.018 min
Response: 6733276
Conc: 61.88 ug/ml m