

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054389.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 18:52
 Operator : YP\AJ
 Sample : PB168463BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168463BSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/16/2025

Supervised By :mohammad ahmed 06/17/2025

Integration File: autoint1.e

Quant Time: Jun 14 00:03:29 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 061025.M

Quant Title : GC Extractables

QLast Update : Tue Jun 10 07:24:04 2025

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)	11.824	6233199	37.723 ug/ml
Spiked Amount 50.000		Recovery =	75.45%
12) S 1-chlorooctadecane (S...	13.269	5011574	41.096 ug/mlm
Spiked Amount 50.000		Recovery =	82.19%
Target Compounds			
1) T n-Nonane (C9)	3.178	3799618	30.598 ug/ml
2) T n-Decane (C10)	4.439	3970792	31.957 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5299371	39.214 ug/ml
4) T n-Dodecane (C12)	6.619	4457577	35.007 ug/ml
5) T A~2-methylnaphthalene...	7.253	4981523	37.610 ug/ml
6) T n-Tetradecane (C14)	8.454	4698321	36.290 ug/ml
7) T n-Hexadecane (C16)	10.064	4849006	36.503 ug/ml
8) T n-Octadecane (C18)	11.511	4937222	36.563 ug/ml
10) T n-Eicosane (C20)	12.824	5138207	38.409 ug/ml
11) T n-Heneicosane (C21)	13.436	4936804	37.128 ug/ml
13) T n-Docosane (C22)	14.024	4908067	37.432 ug/ml
14) T n-Tetracosane (C24)	15.123	10725420	83.147 ug/ml
15) T n-Hexacosane (C26)	16.152	4783468	38.107 ug/ml
16) T n-Octacosane (C28)	17.101	4893640	39.905 ug/mlm
17) T n-Tricontane (C30)	17.991	4662107	37.615 ug/mlm
18) T n-Dotriacontane (C32)	18.823	4642015	36.946 ug/mlm
19) T n-Tetratriacontane (C34)	19.608	3933111	31.615 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	2983845	23.179 ug/mlm
21) T n-Octatriacontane (C38)	21.073	2172316	16.452 ug/mlm
22) T n-Tetracontane (C40)	21.960	1676389	12.445 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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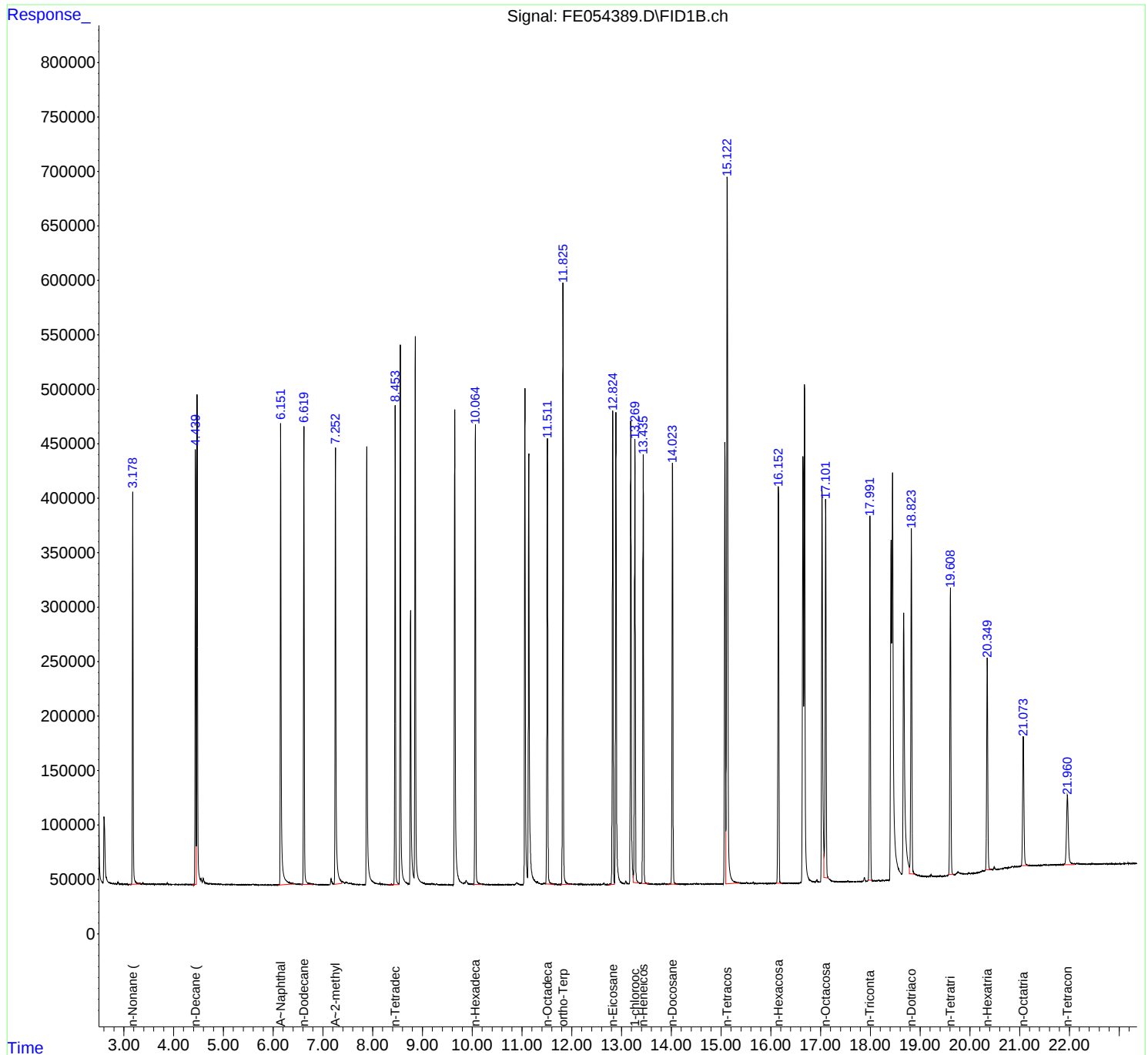
Instrument :
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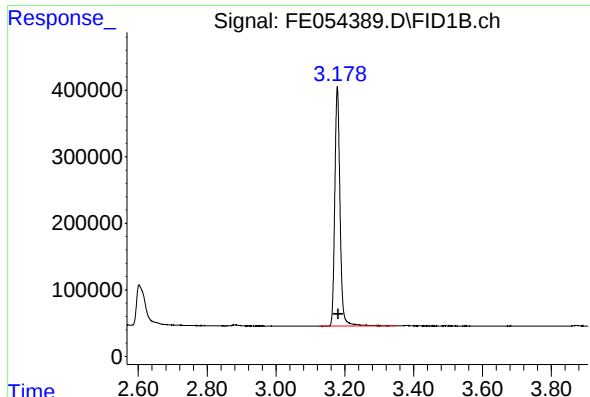
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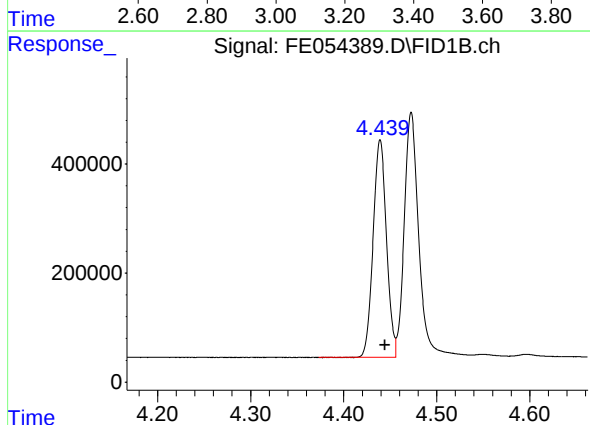
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 3799618
Conc: 30.60 ug/ml

Instrument :
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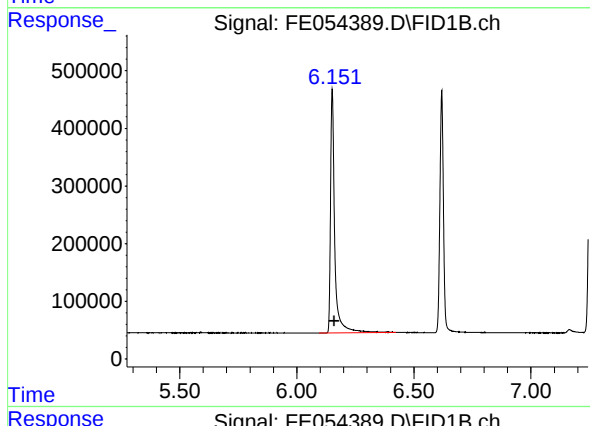
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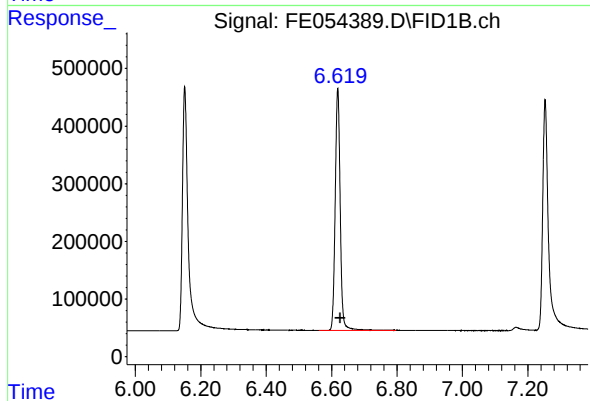
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 3970792
Conc: 31.96 ug/ml



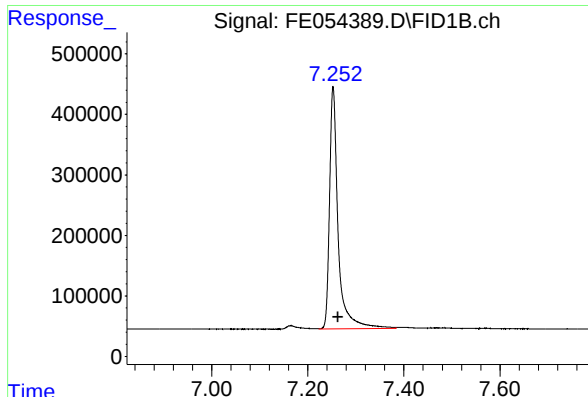
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 5299371
Conc: 39.21 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 4457577
Conc: 35.01 ug/ml



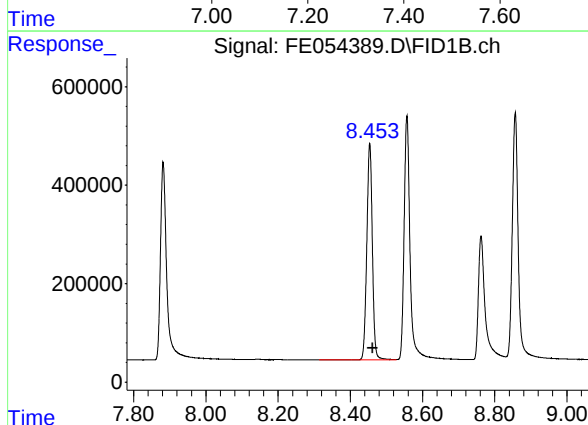
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 4981523
Conc: 37.61 ug/ml

Instrument :
FID_E
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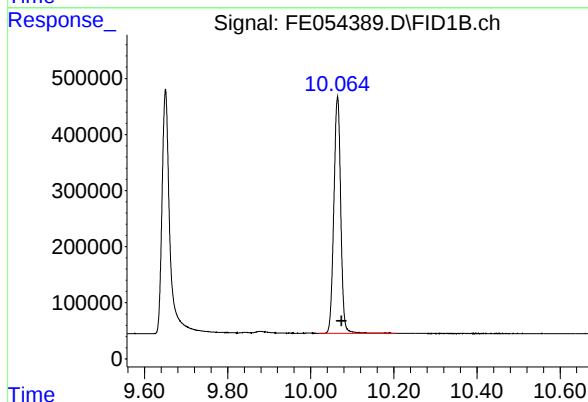
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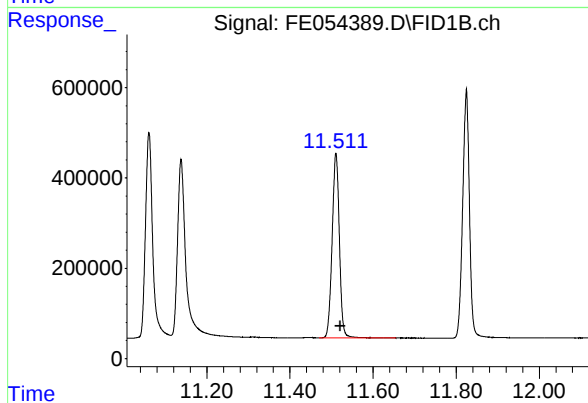
#6 n-Tetradecane (C14)

R.T.: 8.454 min
Delta R.T.: -0.008 min
Response: 4698321
Conc: 36.29 ug/ml



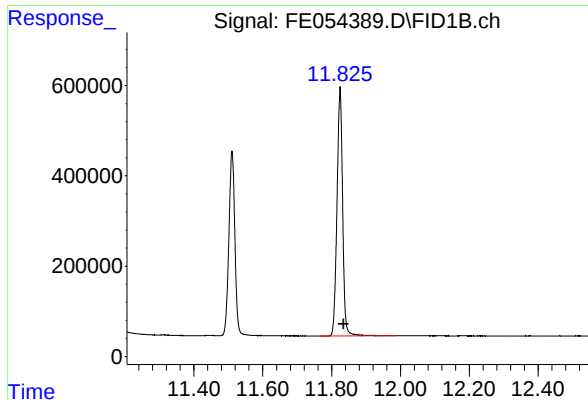
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.010 min
Response: 4849006
Conc: 36.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 4937222
Conc: 36.56 ug/ml



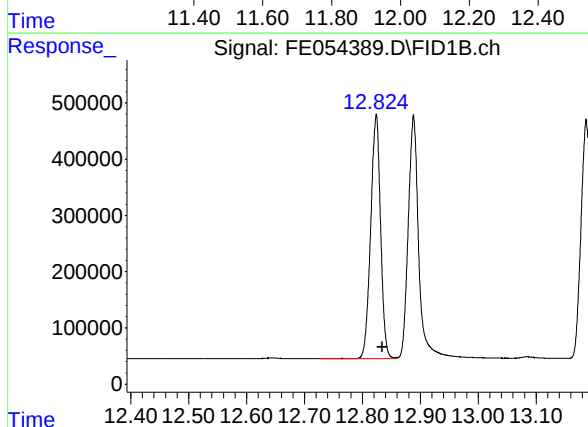
#9 ortho-Terphenyl (SURR)

R.T.: 11.824 min
Delta R.T.: -0.010 min
Response: 6233199
Conc: 37.72 ug/ml

Instrument :
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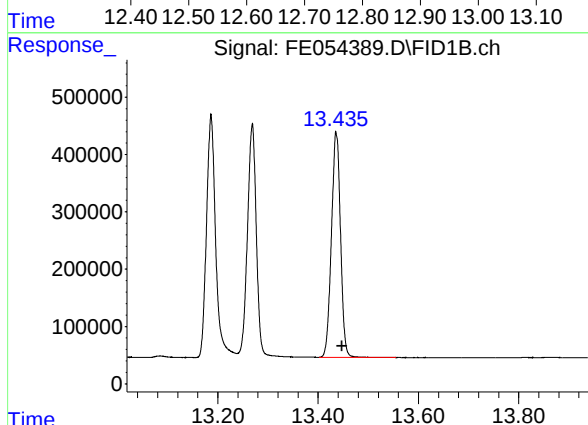
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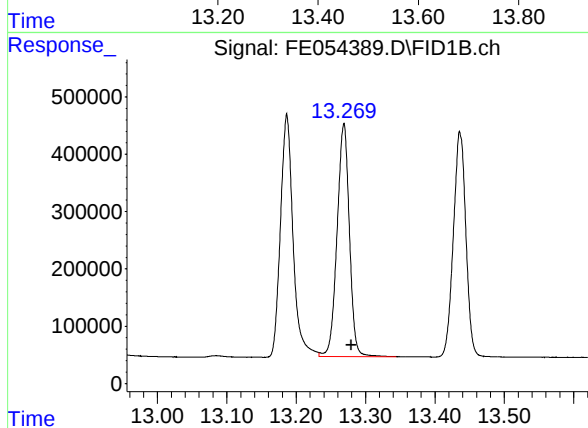
#10 n-Eicosane (C20)

R.T.: 12.824 min
Delta R.T.: -0.011 min
Response: 5138207
Conc: 38.41 ug/ml



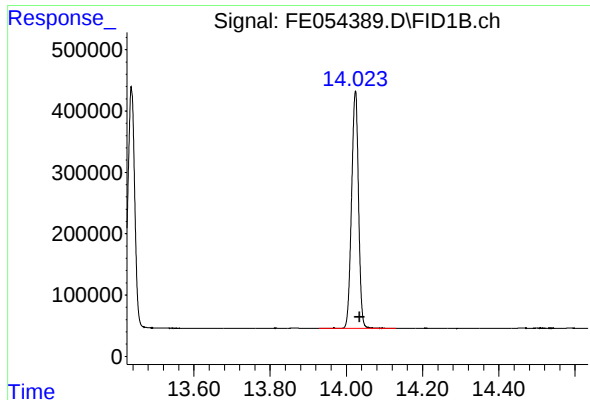
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 4936804
Conc: 37.13 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.269 min
Delta R.T.: -0.011 min
Response: 5011574
Conc: 41.10 ug/ml m



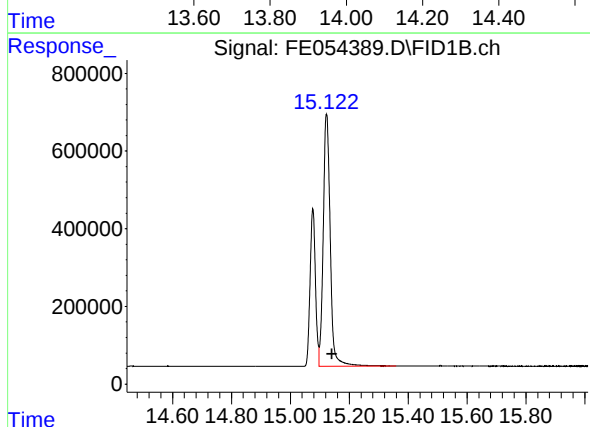
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.012 min
Response: 4908067
Conc: 37.43 ug/ml

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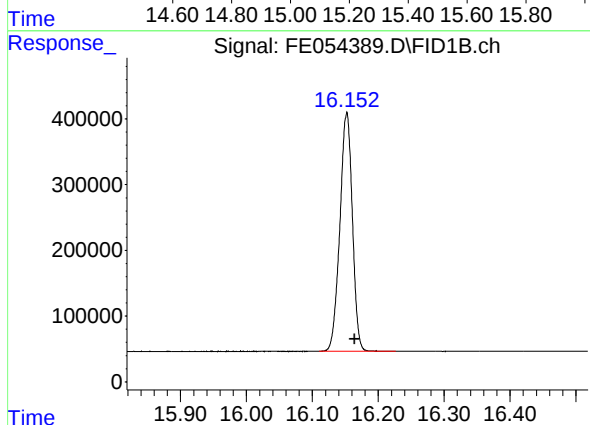
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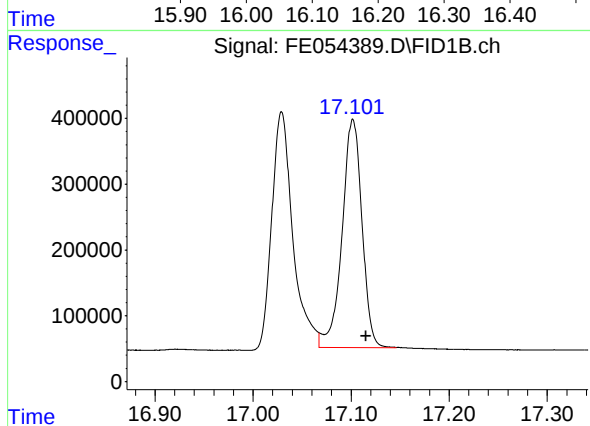
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.019 min
Response: 10725420
Conc: 83.15 ug/ml



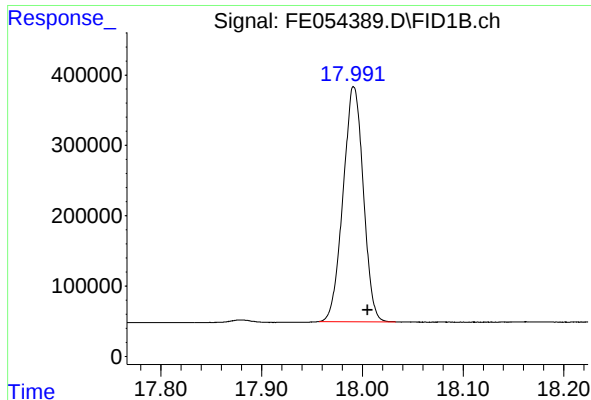
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 4783468
Conc: 38.11 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.101 min
Delta R.T.: -0.014 min
Response: 4893640
Conc: 39.91 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.991 min
Delta R.T.: -0.015 min
Response: 4662107
Conc: 37.62 ug/ml

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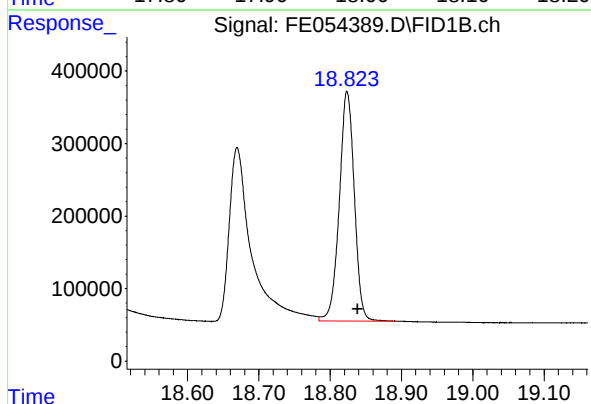
ClientSampleId :

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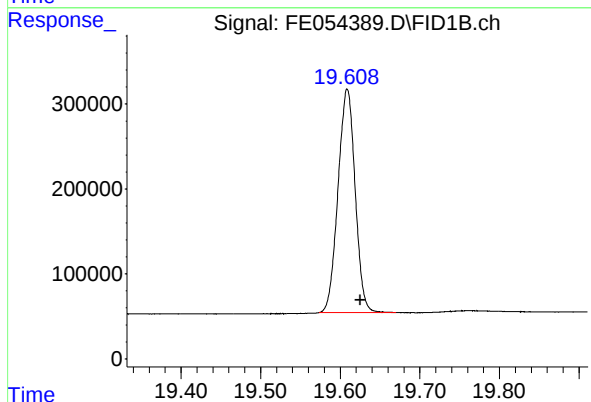
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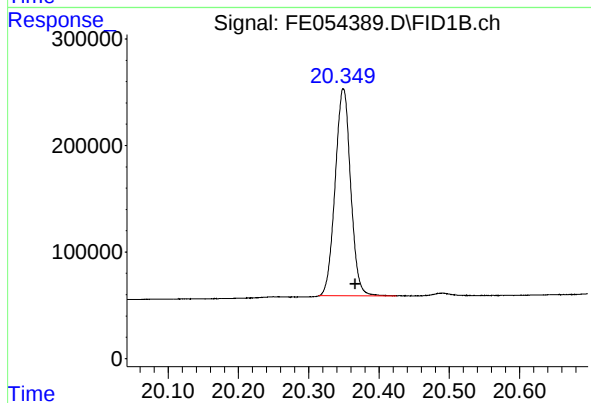
#18 n-Dotriacontane (C32)

R.T.: 18.823 min
Delta R.T.: -0.016 min
Response: 4642015
Conc: 36.95 ug/ml m



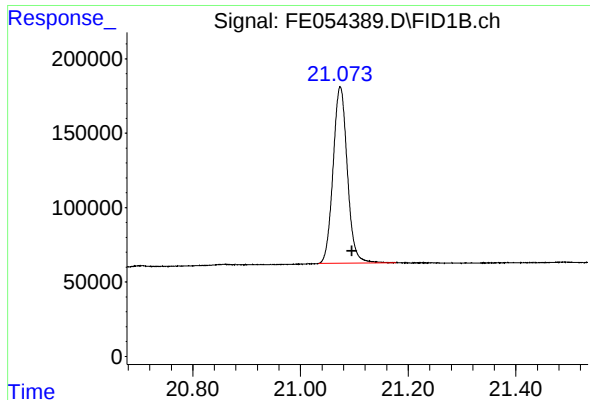
#19 n-Tetatriacontane (C34)

R.T.: 19.608 min
Delta R.T.: -0.017 min
Response: 3933111
Conc: 31.61 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.018 min
Response: 2983845
Conc: 23.18 ug/ml m



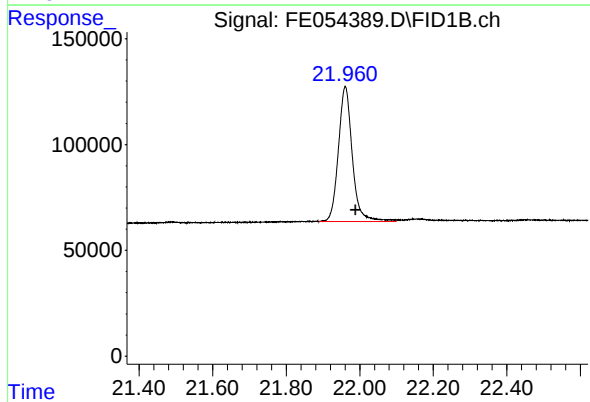
#21 n-Octatriacontane (C38)

R.T.: 21.073 min
Delta R.T.: -0.023 min
Response: 2172316
Conc: 16.45 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.028 min
Response: 1676389
Conc: 12.44 ug/ml m