

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061425AL\
 Data File : FE054388.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jun 2025 18:22
 Operator : YP\AJ
 Sample : PB168463BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB168463BS

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 00:03:07 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)	11.825	6887545	41.683 ug/ml
Spiked Amount 50.000		Recovery =	83.37%
12) S 1-chlorooctadecane (S...	13.268	5586591	45.811 ug/mlm
Spiked Amount 50.000		Recovery =	91.62%
Target Compounds			
1) T n-Nonane (C9)	3.178	4181707	33.675 ug/ml
2) T n-Decane (C10)	4.439	4376735	35.224 ug/ml
3) T A~Naphthalene (C11.7)	6.151	5853131	43.311 ug/ml
4) T n-Dodecane (C12)	6.619	4897871	38.465 ug/ml
5) T A~2-methylnaphthalene...	7.253	5499942	41.524 ug/ml
6) T n-Tetradecane (C14)	8.453	5177394	39.991 ug/ml
7) T n-Hexadecane (C16)	10.064	5330452	40.127 ug/ml
8) T n-Octadecane (C18)	11.511	5453595	40.387 ug/ml
10) T n-Eicosane (C20)	12.823	5678558	42.448 ug/ml
11) T n-Heneicosane (C21)	13.436	5452472	41.006 ug/ml
13) T n-Docosane (C22)	14.024	5426633	41.386 ug/ml
14) T n-Tetracosane (C24)	15.123	11858835	91.933 ug/ml
15) T n-Hexacosane (C26)	16.152	5298820	42.212 ug/ml
16) T n-Octacosane (C28)	17.102	5591417	45.595 ug/mlm
17) T n-Tricontane (C30)	17.993	5145957	41.519 ug/ml
18) T n-Dotriacontane (C32)	18.825	5143534	40.937 ug/mlm
19) T n-Tetratriacontane (C34)	19.609	4384018	35.239 ug/mlm
20) T n-Hexatriacontane (C36)	20.349	3356959	26.077 ug/mlm
21) T n-Octatriacontane (C38)	21.074	2433491	18.430 ug/mlm
22) T n-Tetracontane (C40)	21.960	1808424	13.425 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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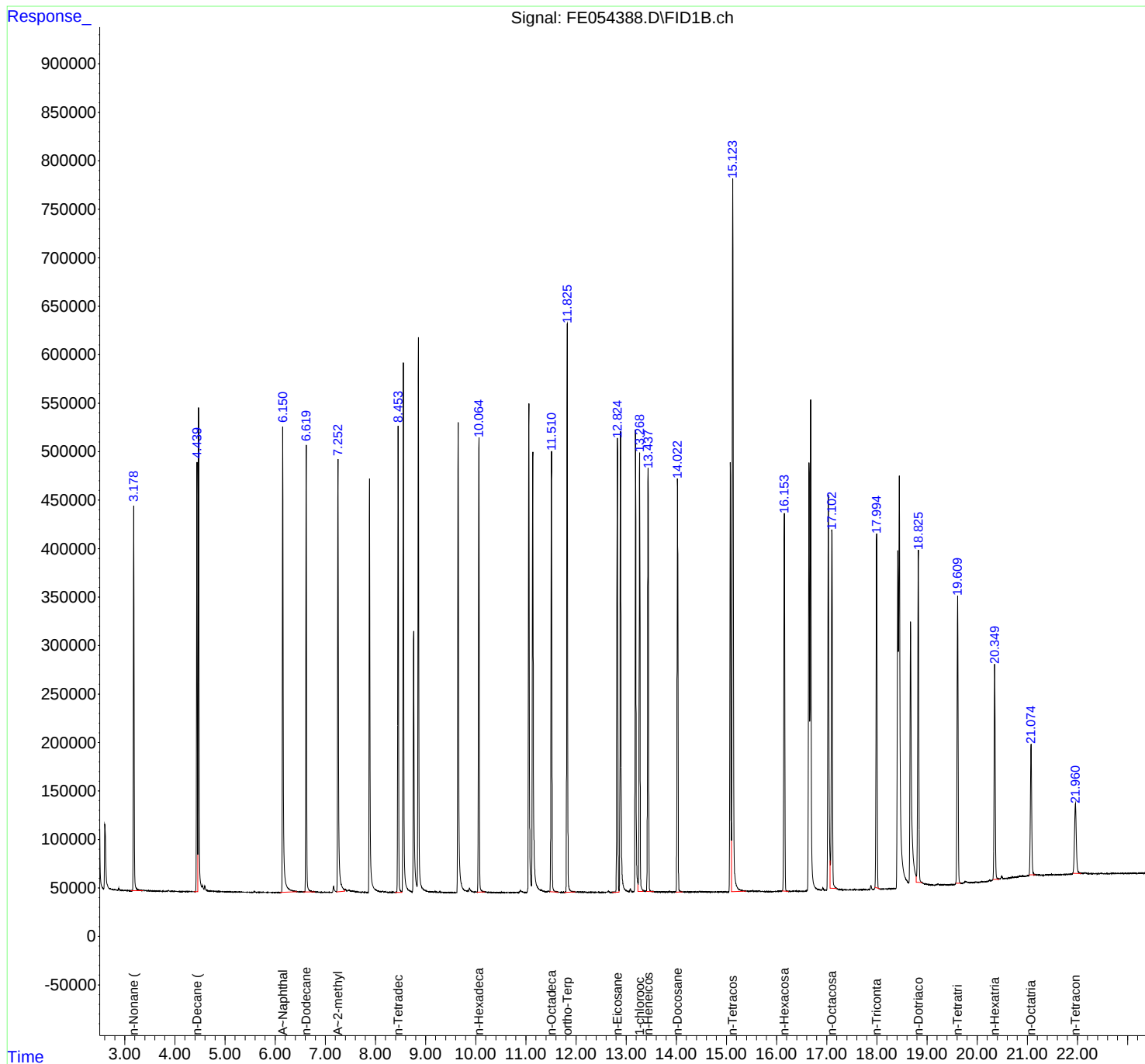
Instrument :
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PB168463BS

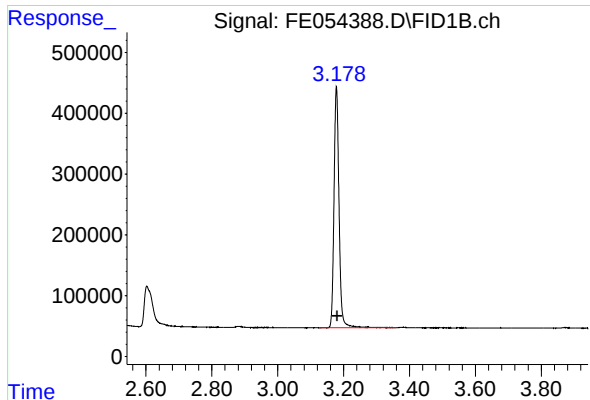
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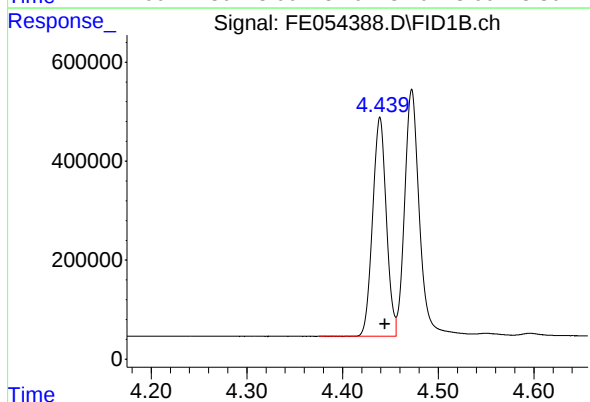
#1 n-Nonane (C9)

R.T.: 3.178 min
Delta R.T.: -0.003 min
Response: 4181707
Conc: 33.67 ug/ml

Instrument :
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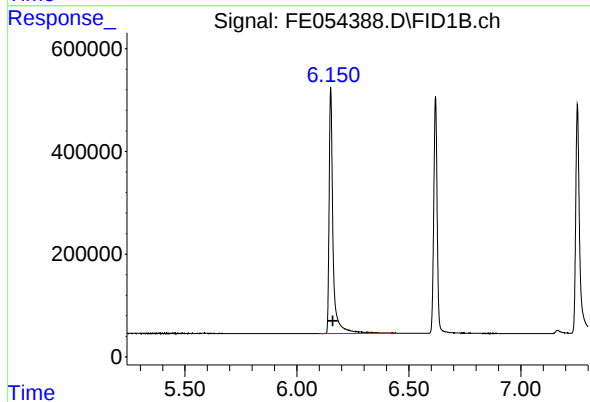
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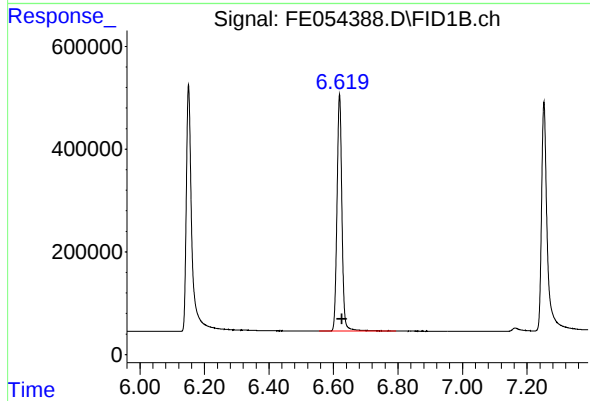
#2 n-Decane (C10)

R.T.: 4.439 min
Delta R.T.: -0.005 min
Response: 4376735
Conc: 35.22 ug/ml



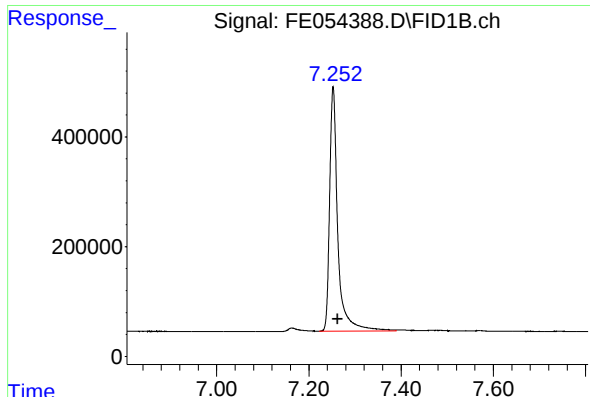
#3 A~Naphthalene (C11.7)

R.T.: 6.151 min
Delta R.T.: -0.009 min
Response: 5853131
Conc: 43.31 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.619 min
Delta R.T.: -0.008 min
Response: 4897871
Conc: 38.47 ug/ml



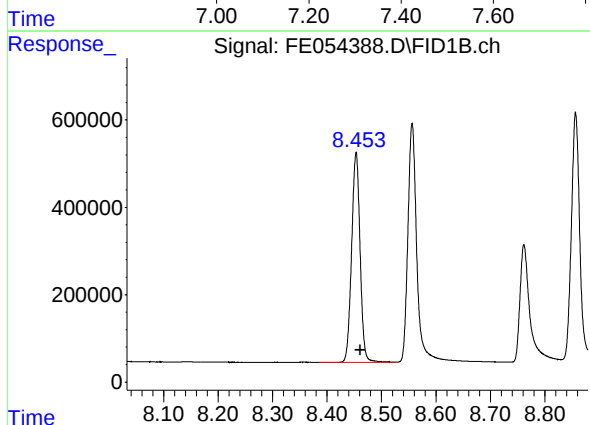
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.253 min
Delta R.T.: -0.010 min
Response: 5499942
Conc: 41.52 ug/ml

Instrument :
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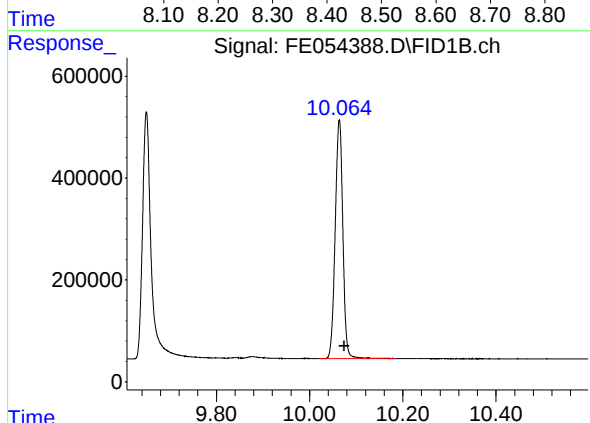
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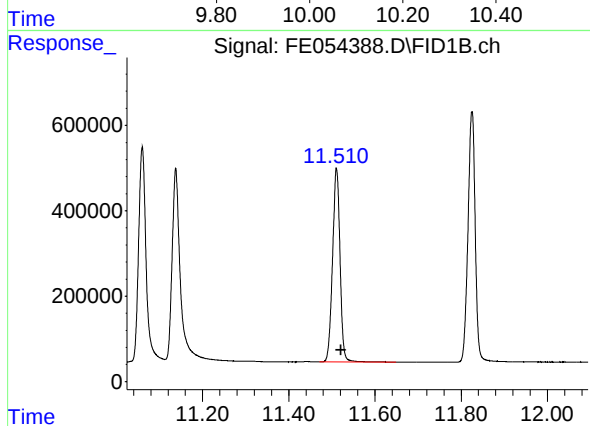
#6 n-Tetradecane (C14)

R.T.: 8.453 min
Delta R.T.: -0.008 min
Response: 5177394
Conc: 39.99 ug/ml



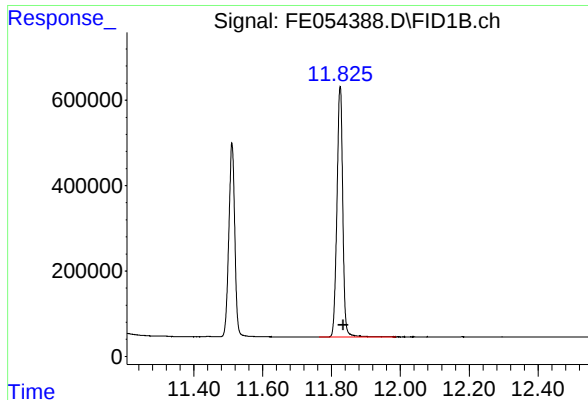
#7 n-Hexadecane (C16)

R.T.: 10.064 min
Delta R.T.: -0.011 min
Response: 5330452
Conc: 40.13 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.511 min
Delta R.T.: -0.010 min
Response: 5453595
Conc: 40.39 ug/ml



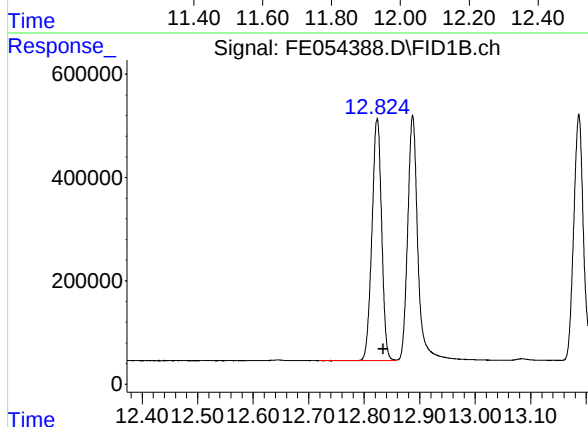
#9 ortho-Terphenyl (SURR)

R.T.: 11.825 min
Delta R.T.: -0.010 min
Response: 6887545
Conc: 41.68 ug/ml

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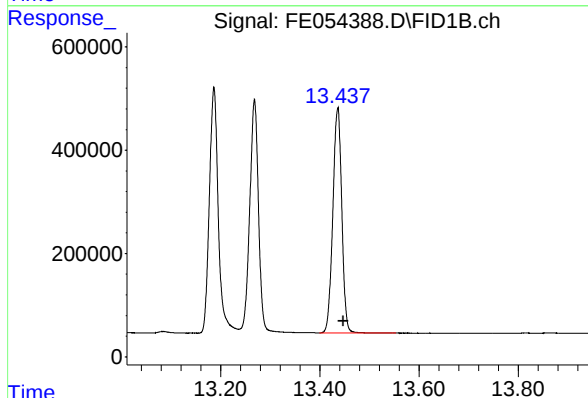
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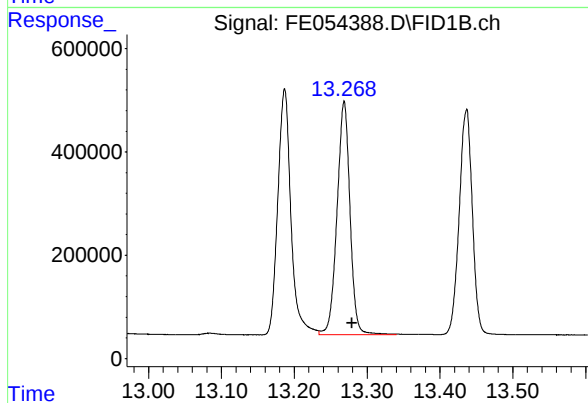
#10 n-Eicosane (C20)

R.T.: 12.823 min
Delta R.T.: -0.011 min
Response: 5678558
Conc: 42.45 ug/ml



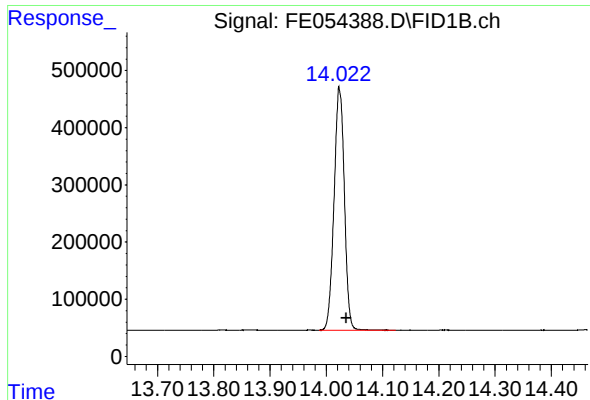
#11 n-Heneicosane (C21)

R.T.: 13.436 min
Delta R.T.: -0.012 min
Response: 5452472
Conc: 41.01 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.268 min
Delta R.T.: -0.011 min
Response: 5586591
Conc: 45.81 ug/ml m



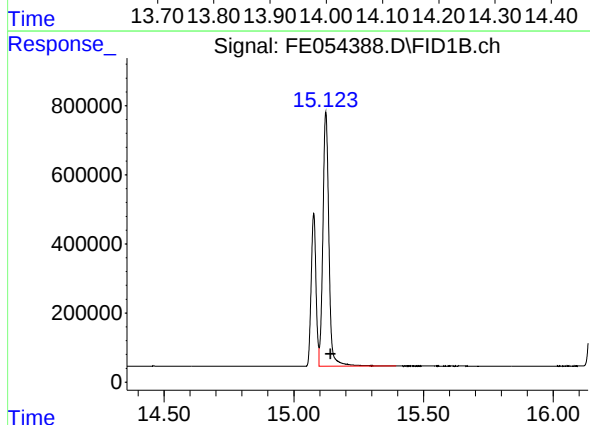
#13 n-Docosane (C22)

R.T.: 14.024 min
Delta R.T.: -0.012 min
Response: 5426633
Conc: 41.39 ug/ml

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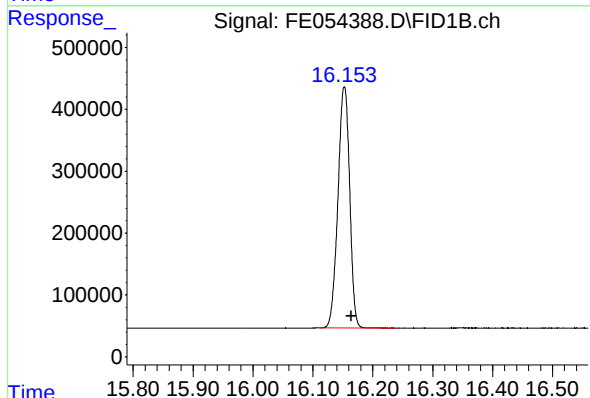
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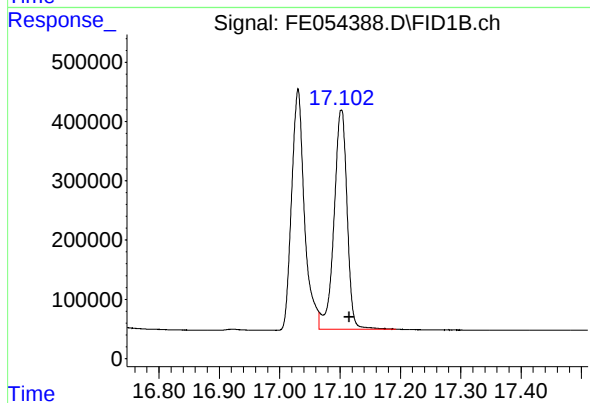
#14 n-Tetracosane (C24)

R.T.: 15.123 min
Delta R.T.: -0.018 min
Response: 11858835
Conc: 91.93 ug/ml



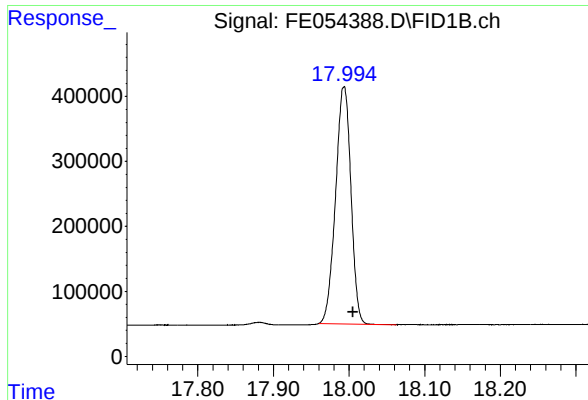
#15 n-Hexacosane (C26)

R.T.: 16.152 min
Delta R.T.: -0.012 min
Response: 5298820
Conc: 42.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.102 min
Delta R.T.: -0.013 min
Response: 5591417
Conc: 45.60 ug/ml m



#17 n-Tricontane (C30)

R.T.: 17.993 min
Delta R.T.: -0.012 min
Response: 5145957
Conc: 41.52 ug/ml

Instrument :

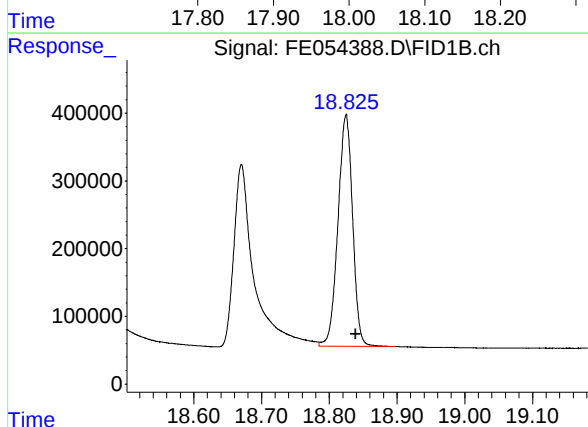
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ClientSampleId :

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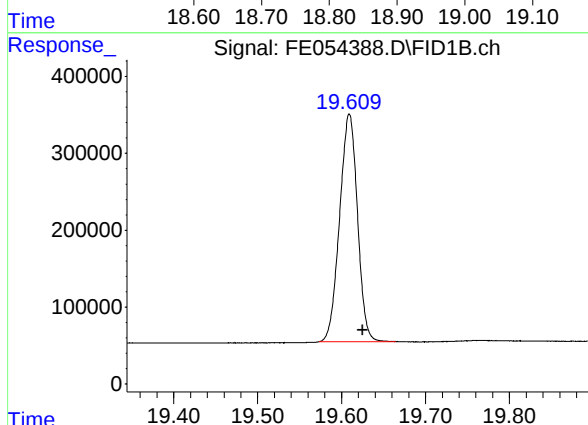
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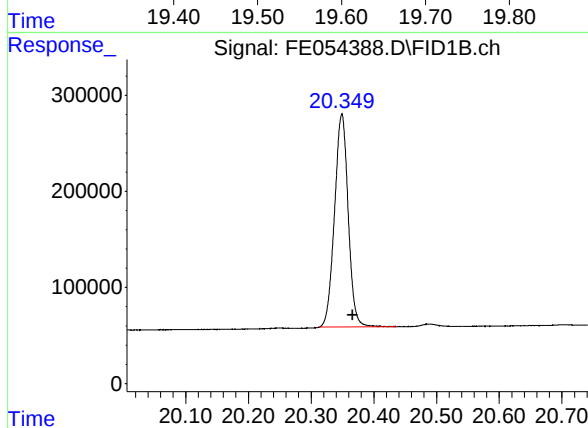
#18 n-Dotriacontane (C32)

R.T.: 18.825 min
Delta R.T.: -0.014 min
Response: 5143534
Conc: 40.94 ug/ml m



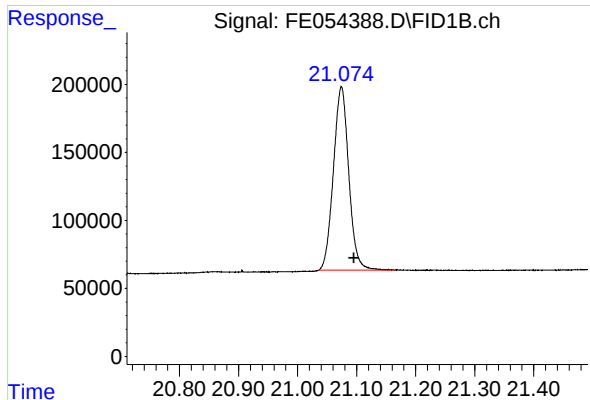
#19 n-Tetratriacontane (C34)

R.T.: 19.609 min
Delta R.T.: -0.016 min
Response: 4384018
Conc: 35.24 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.349 min
Delta R.T.: -0.017 min
Response: 3356959
Conc: 26.08 ug/ml m



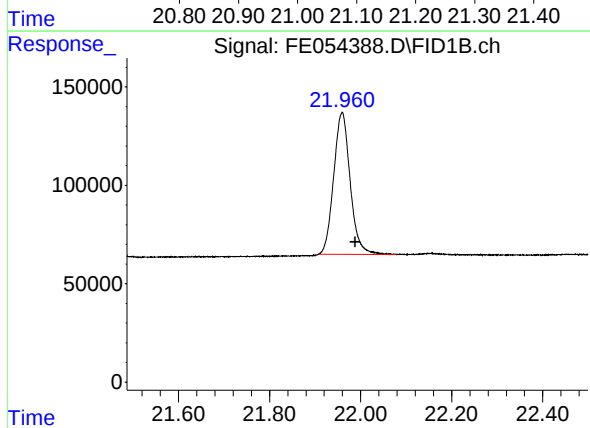
#21 n-Octatriacontane (C38)

R.T.: 21.074 min
Delta R.T.: -0.022 min
Response: 2433491
Conc: 18.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.960 min
Delta R.T.: -0.029 min
Response: 1808424
Conc: 13.42 ug/ml m