

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092724AL\
 Data File : FE050410.D
 Signal(s) : FID1B.ch
 Acq On : 27 Sep 2024 14:18
 Operator : YP\AJ
 Sample : PB163736BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB163736BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 09/30/2024

Supervised By :Ankita Jodhani 09/30/2024

Integration File: autoint1.e

Quant Time: Sep 28 00:17:03 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	6118506	41.125 ug/ml
Spiked Amount 50.000		Recovery =	82.25%
12) S 1-chlorooctadecane (S...	13.301	5111583	45.506 ug/ml
Spiked Amount 50.000		Recovery =	91.01%
Target Compounds			
1) T n-Nonane (C9)	3.266	6923560	51.079 ug/ml
2) T n-Decane (C10)	4.511	7301839	52.907 ug/ml
3) T A~Naphthalene (C11.7)	6.216	7622076	54.455 ug/ml
4) T n-Dodecane (C12)	6.674	7284034	52.675 ug/mlm
5) T A~2-methylnaphthalene...	7.311	6769719	51.505 ug/ml
6) T n-Tetradecane (C14)	8.502	7566878	55.569 ug/ml
7) T n-Hexadecane (C16)	10.106	7586823	54.620 ug/ml
8) T n-Octadecane (C18)	11.549	7538780	53.809 ug/ml
10) T n-Eicosane (C20)	12.856	7483020	55.783 ug/mlm
11) T n-Heneicosane (C21)	13.467	7238426	55.088 ug/ml
13) T n-Docosane (C22)	14.052	7119036	54.670 ug/ml
14) T n-Tetracosane (C24)	15.152	13883885	106.316 ug/ml
15) T n-Hexacosane (C26)	16.175	7002414	54.732 ug/mlm
16) T n-Octacosane (C28)	17.121	8205456	63.702 ug/ml
17) T n-Tricontane (C30)	18.008	7300300	54.593 ug/ml
18) T n-Dotriacontane (C32)	18.840	7418396	55.670 ug/ml
19) T n-Tetratriacontane (C34)	19.622	7688261	62.222 ug/ml
20) T n-Hexatriacontane (C36)	20.362	7745304	69.809 ug/ml
21) T n-Octatriacontane (C38)	21.086	7999546	72.539 ug/mlm
22) T n-Tetracontane (C40)	21.977	7500109	68.926 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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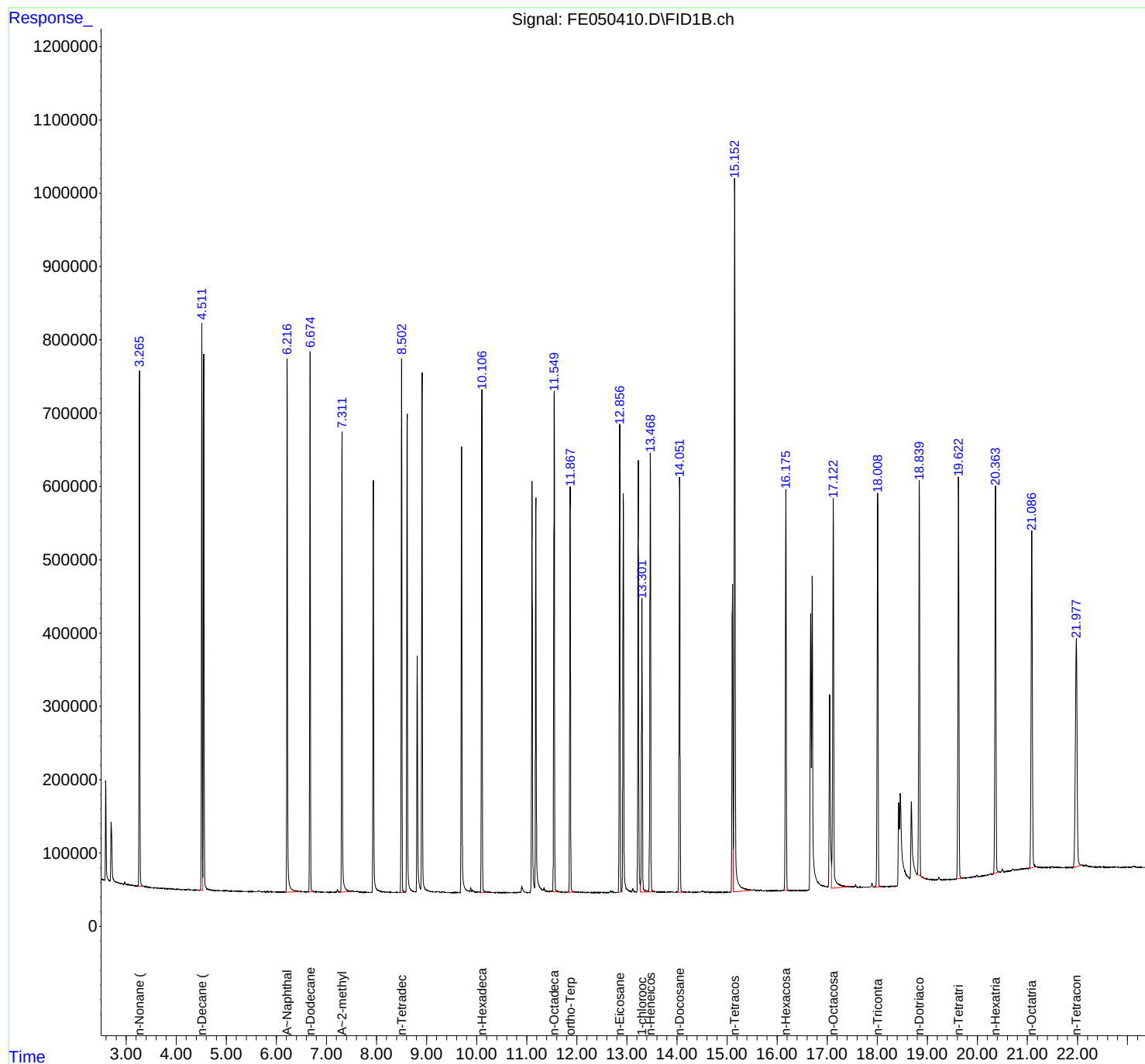
Instrument :
FID_E
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PB163736BS

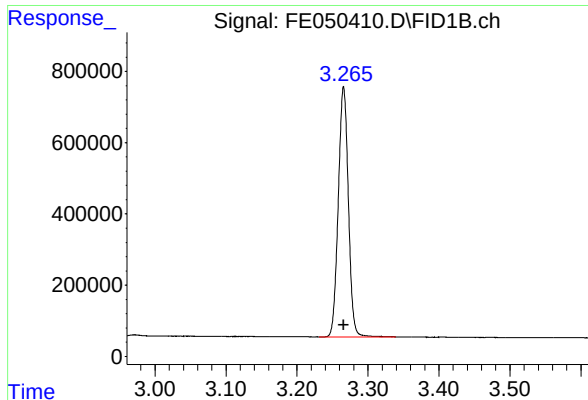
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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 091024.
Quant Title : GC Extractables
QLast Update : Mon Sep 09 17:11:47 2024
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 ul
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.266 min
Delta R.T.: 0.000 min
Response: 6923560
Conc: 51.08 ug/ml

Instrument :

FID_E

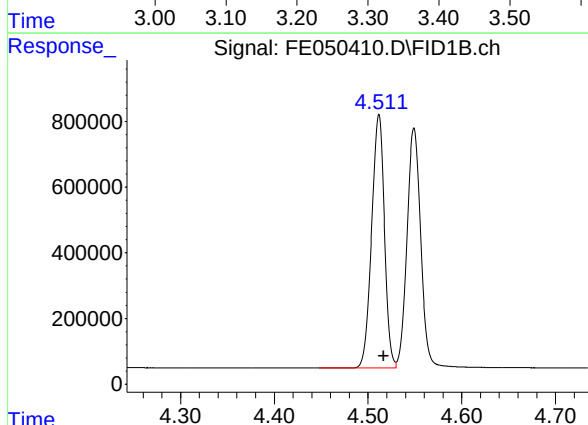
ClientSampleId :

PB163736BS

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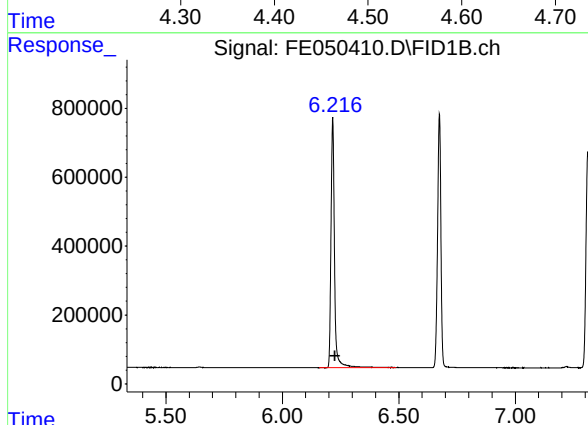
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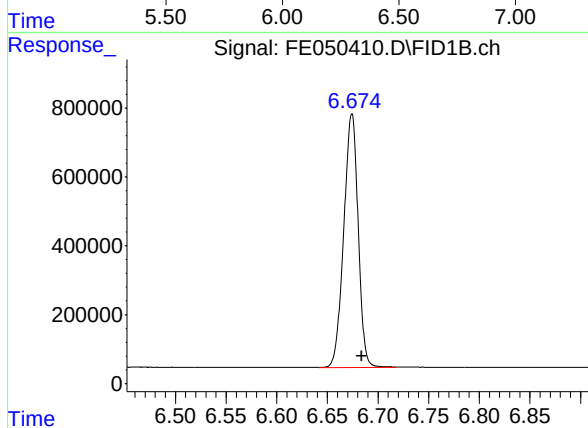
#2 n-Decane (C10)

R.T.: 4.511 min
Delta R.T.: -0.005 min
Response: 7301839
Conc: 52.91 ug/ml



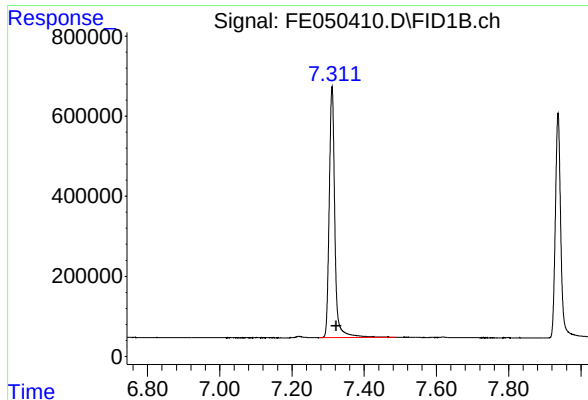
#3 A~Naphthalene (C11.7)

R.T.: 6.216 min
Delta R.T.: -0.011 min
Response: 7622076
Conc: 54.46 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.674 min
Delta R.T.: -0.010 min
Response: 7284034
Conc: 52.67 ug/ml m



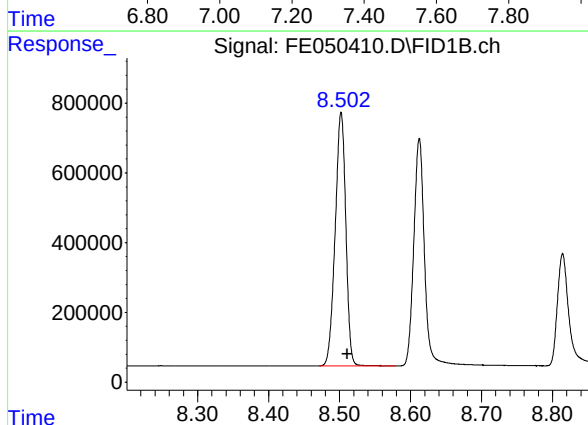
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.311 min
Delta R.T.: -0.012 min
Response: 6769719
Conc: 51.50 ug/ml

Instrument :
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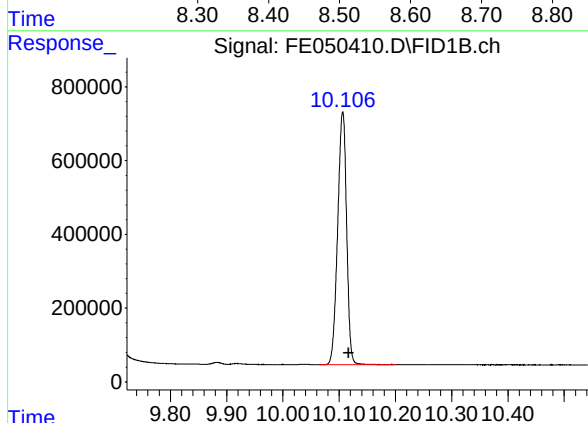
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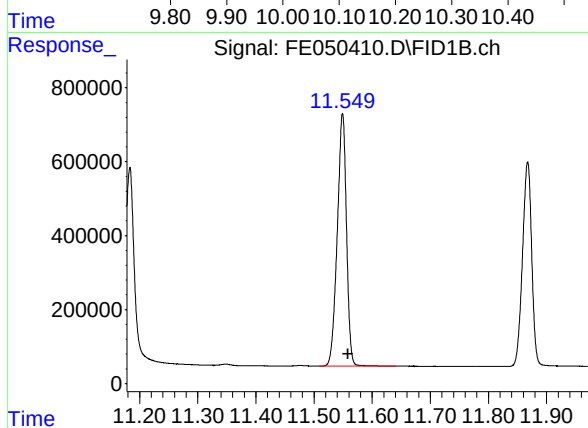
#6 n-Tetradecane (C14)

R.T.: 8.502 min
Delta R.T.: -0.009 min
Response: 7566878
Conc: 55.57 ug/ml



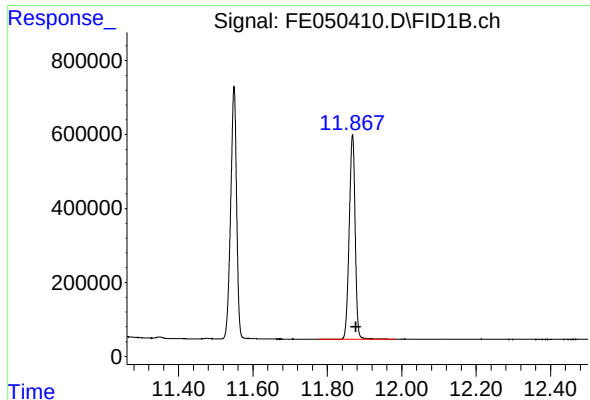
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: -0.011 min
Response: 7586823
Conc: 54.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: -0.010 min
Response: 7538780
Conc: 53.81 ug/ml



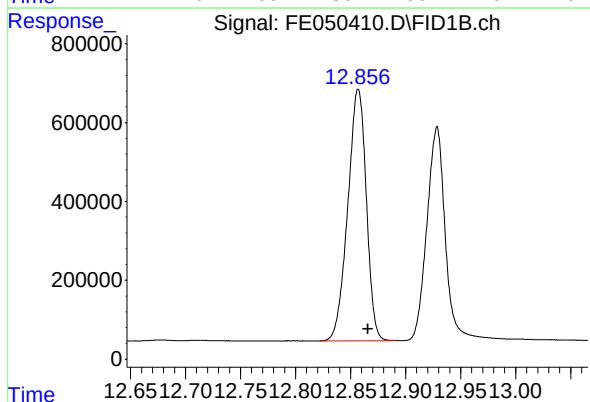
#9 ortho-Terphenyl (SURR)

R.T.: 11.867 min
Delta R.T.: -0.009 min
Response: 6118506
Conc: 41.12 ug/ml

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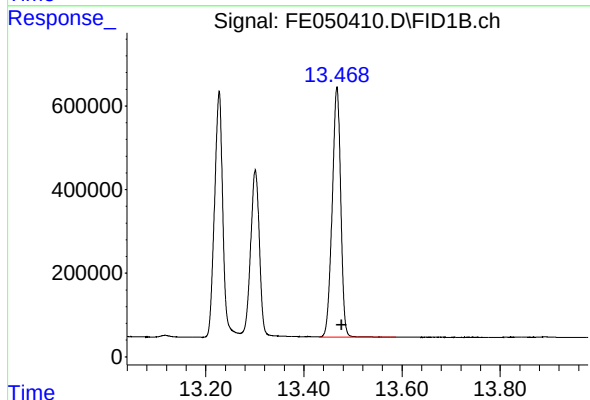
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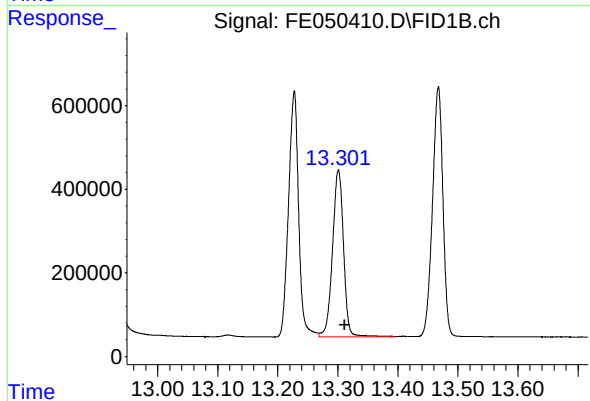
#10 n-Eicosane (C20)

R.T.: 12.856 min
Delta R.T.: -0.010 min
Response: 7483020
Conc: 55.78 ug/ml



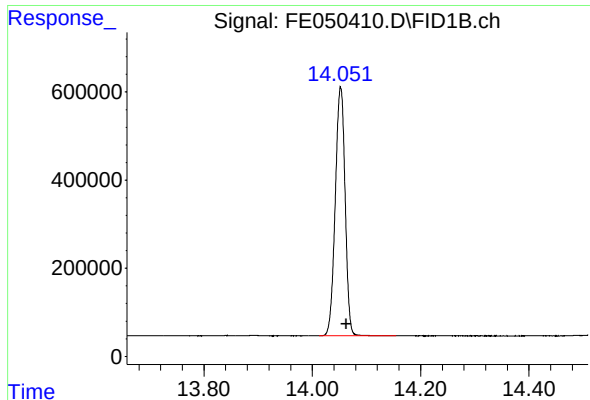
#11 n-Heneicosane (C21)

R.T.: 13.467 min
Delta R.T.: -0.010 min
Response: 7238426
Conc: 55.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.301 min
Delta R.T.: -0.010 min
Response: 5111583
Conc: 45.51 ug/ml



#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: -0.011 min
Response: 7119036
Conc: 54.67 ug/ml

Instrument :

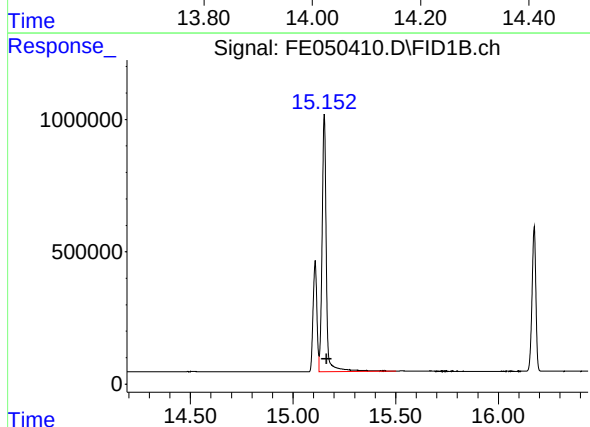
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ClientSampleId :

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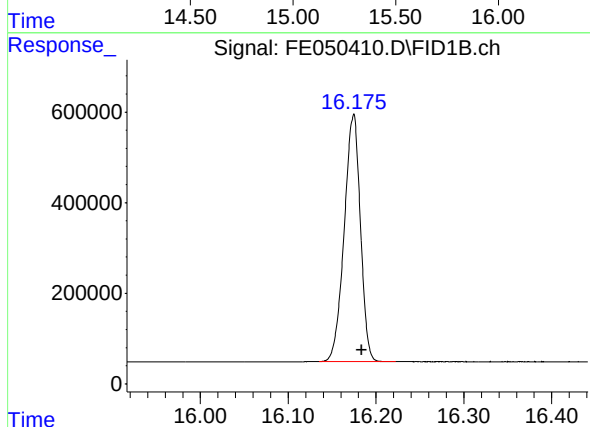
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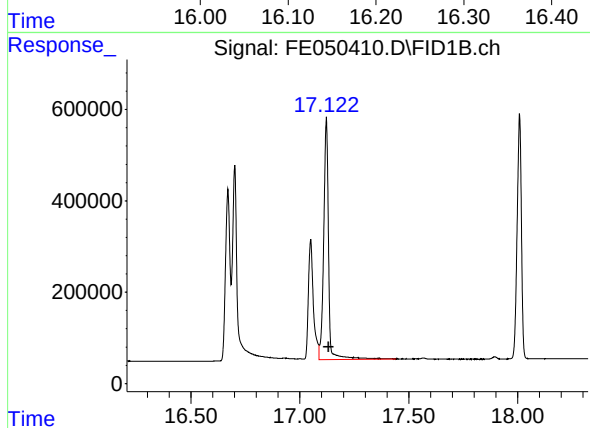
#14 n-Tetracosane (C24)

R.T.: 15.152 min
Delta R.T.: -0.013 min
Response: 13883885
Conc: 106.32 ug/ml



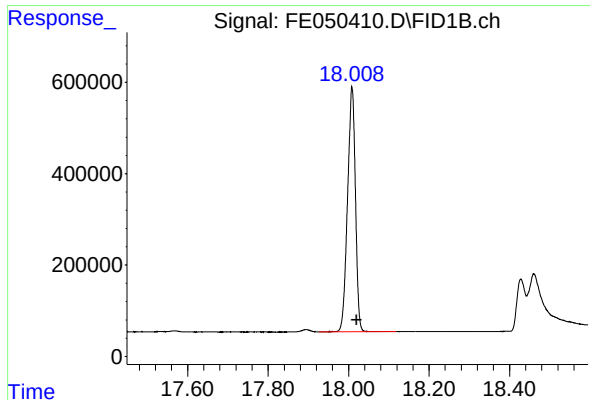
#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: -0.009 min
Response: 7002414
Conc: 54.73 ug/ml m



#16 n-Octacosane (C28)

R.T.: 17.121 min
Delta R.T.: -0.012 min
Response: 8205456
Conc: 63.70 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.008 min
Delta R.T.: -0.011 min
Response: 7300300
Conc: 54.59 ug/ml

Instrument :

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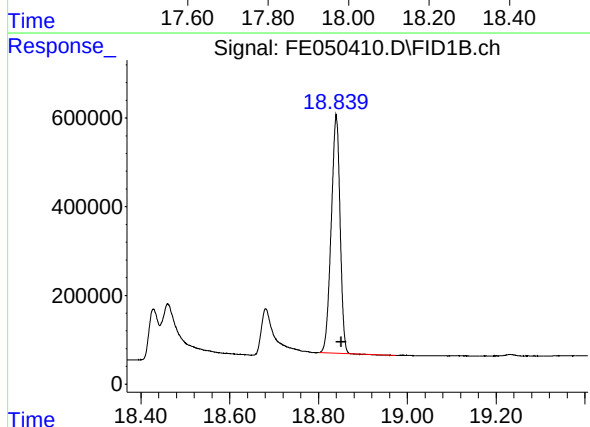
ClientSampleId :

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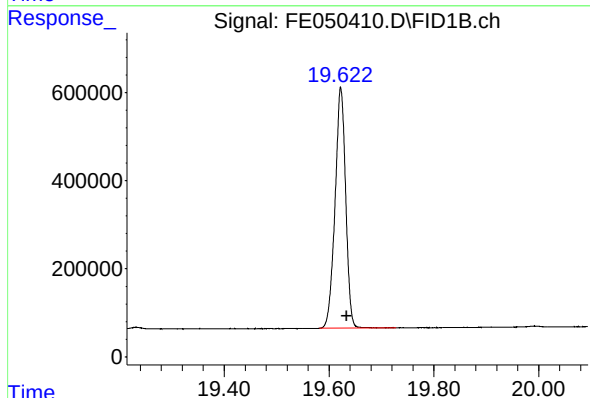
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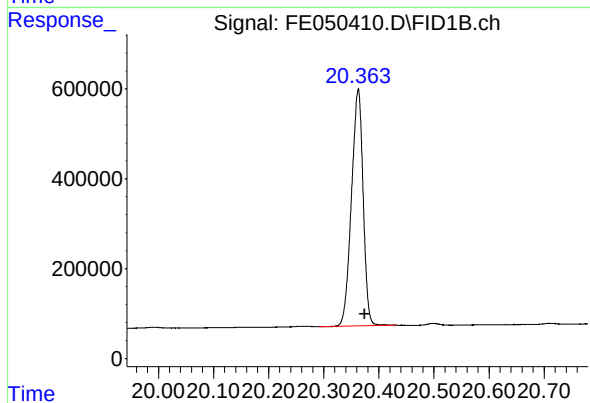
#18 n-Dotriacontane (C32)

R.T.: 18.840 min
Delta R.T.: -0.011 min
Response: 7418396
Conc: 55.67 ug/ml



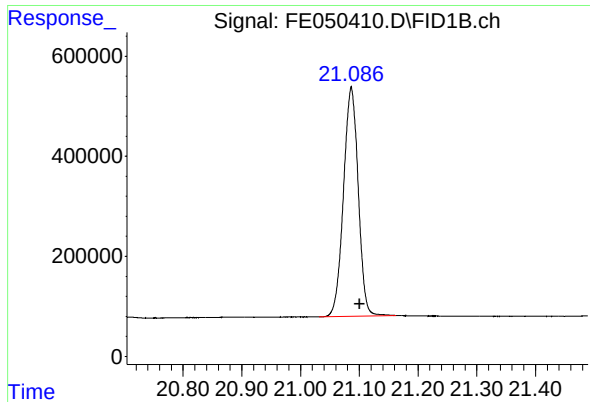
#19 n-Tetratriacontane (C34)

R.T.: 19.622 min
Delta R.T.: -0.011 min
Response: 7688261
Conc: 62.22 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.362 min
Delta R.T.: -0.011 min
Response: 7745304
Conc: 69.81 ug/ml



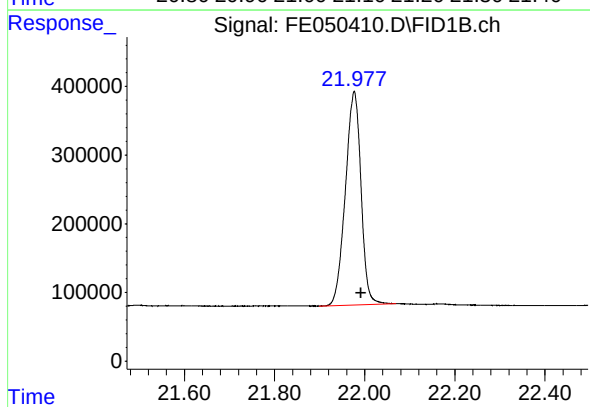
#21 n-Octatriacontane (C38)

R.T.: 21.086 min
Delta R.T.: -0.015 min
Response: 7999546
Conc: 72.54 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.977 min
Delta R.T.: -0.015 min
Response: 7500109
Conc: 68.93 ug/ml m