

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE051724AL\
 Data File : FE048254.D
 Signal(s) : FID1B.ch
 Acq On : 17 May 2024 22:07
 Operator : YP\AJ
 Sample : PB160972BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB160972BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/20/2024

Supervised By :Ankita Jodhani 05/20/2024

Integration File: autoint1.e

Quant Time: May 18 00:00:28 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.963	5726973	39.698 ug/ml
Spiked Amount 50.000		Recovery =	79.40%
12) S 1-chlorooctadecane (S...	13.395	4795272	42.914 ug/ml
Spiked Amount 50.000		Recovery =	85.83%
Target Compounds			
1) T n-Nonane (C9)	3.356	5225479	40.545 ug/ml
2) T n-Decane (C10)	4.601	5585466	42.425 ug/ml
3) T A~Naphthalene (C11.7)	6.305	6017115	43.576 ug/ml
4) T n-Dodecane (C12)	6.762	5468723	41.022 ug/ml
5) T A~2-methylnaphthalene...	7.400	5969299	44.857 ug/ml
6) T n-Tetradecane (C14)	8.591	5543426	41.830 ug/ml
7) T n-Hexadecane (C16)	10.198	5523738	40.163 ug/ml
8) T n-Octadecane (C18)	11.641	5420735	38.915 ug/ml
10) T n-Eicosane (C20)	12.950	5389452	40.028 ug/ml
11) T n-Heneicosane (C21)	13.562	5210332	39.361 ug/ml
13) T n-Docosane (C22)	14.148	5168824	39.004 ug/ml
14) T n-Tetracosane (C24)	15.243	9531662	71.584 ug/ml
15) T n-Hexacosane (C26)	16.270	5177571	38.800 ug/ml
16) T n-Octacosane (C28)	17.219	5319586	39.953 ug/ml
17) T n-Tricontane (C30)	18.106	5290788	38.335 ug/ml
18) T n-Dotriacontane (C32)	18.935	5396753	39.071 ug/ml
19) T n-Tetratriacontane (C34)	19.719	5454324	40.040 ug/mlm
20) T n-Hexatriacontane (C36)	20.458	5355241	39.551 ug/mlm
21) T n-Octatriacontane (C38)	21.197	5270709	38.175 ug/mlm
22) T n-Tetracontane (C40)	22.120	4938106	35.444 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB160972BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

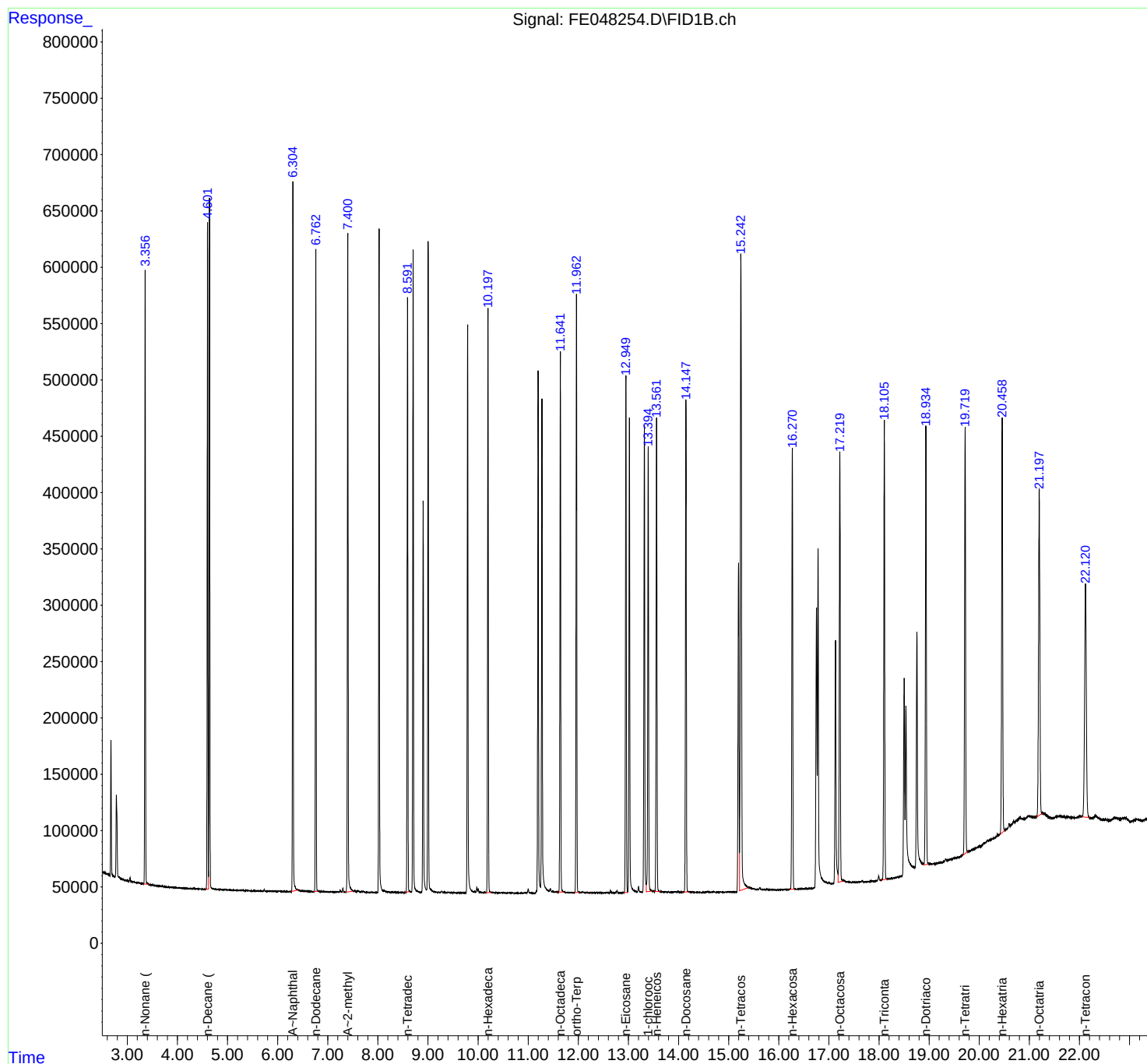
Instrument :
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PB160972BS

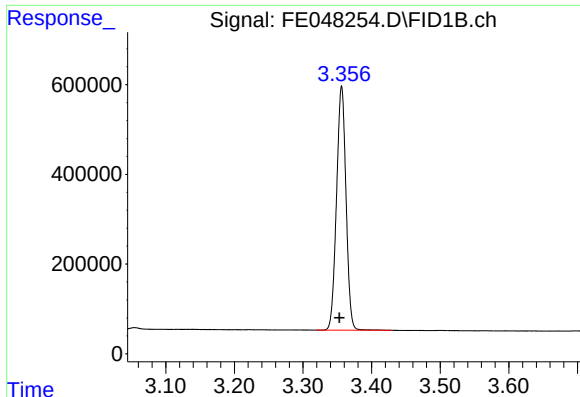
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Quant Title : GC Extractables
QLast Update : Mon Apr 29 03:29:12 2024
Response via : Initial Calibration
Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.356 min
Delta R.T.: 0.003 min
Response: 5225479
Conc: 40.55 ug/ml

Instrument :

FID_E

ClientSampleId :

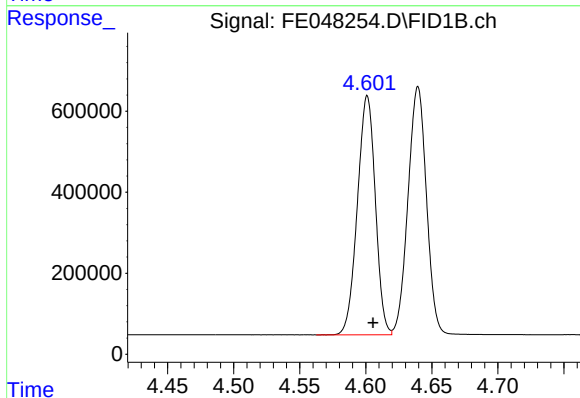
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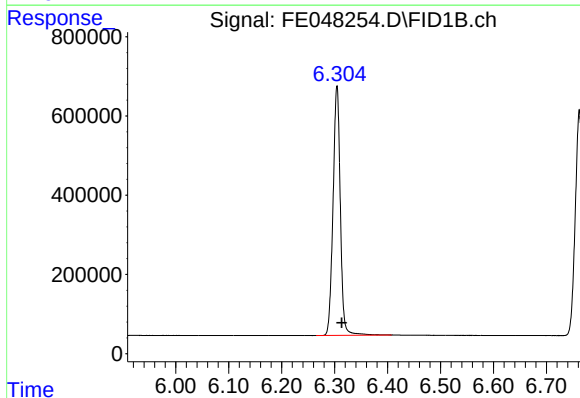
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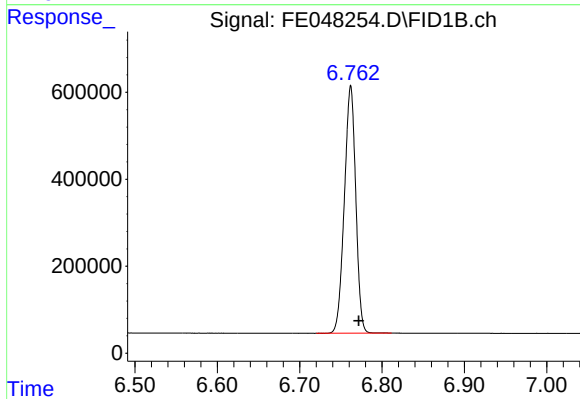
#2 n-Decane (C10)

R.T.: 4.601 min
Delta R.T.: -0.004 min
Response: 5585466
Conc: 42.43 ug/ml



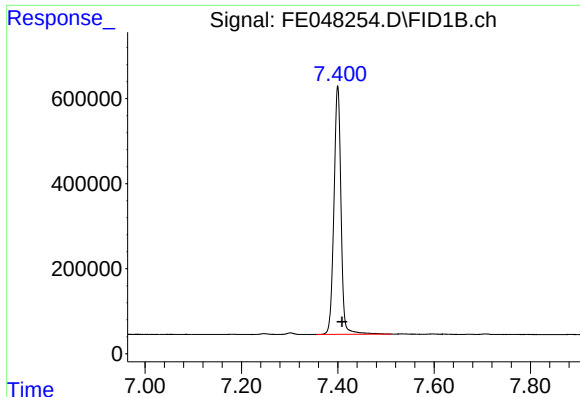
#3 A~Naphthalene (C11.7)

R.T.: 6.305 min
Delta R.T.: -0.009 min
Response: 6017115
Conc: 43.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: -0.010 min
Response: 5468723
Conc: 41.02 ug/ml



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

R.T.: 7.400 min
Delta R.T.: -0.009 min
Response: 5969299
Conc: 44.86 ug/ml

Instrument :

FID_E

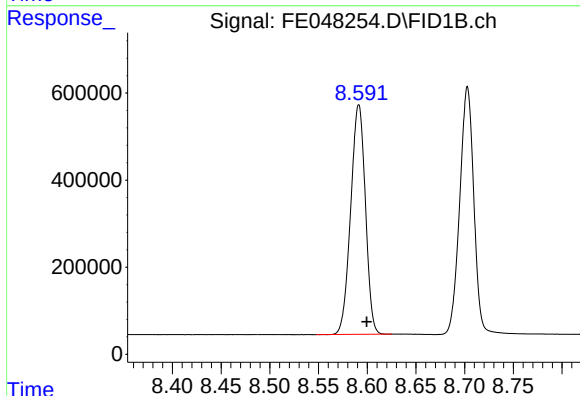
ClientSampleId :

PB160972BS

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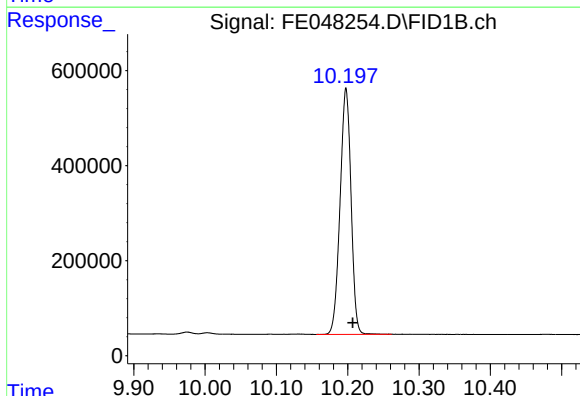
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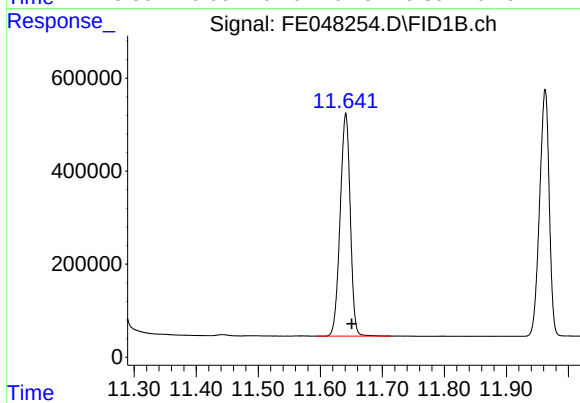
#6 n-Tetradecane (C14)

R.T.: 8.591 min
Delta R.T.: -0.008 min
Response: 5543426
Conc: 41.83 ug/ml



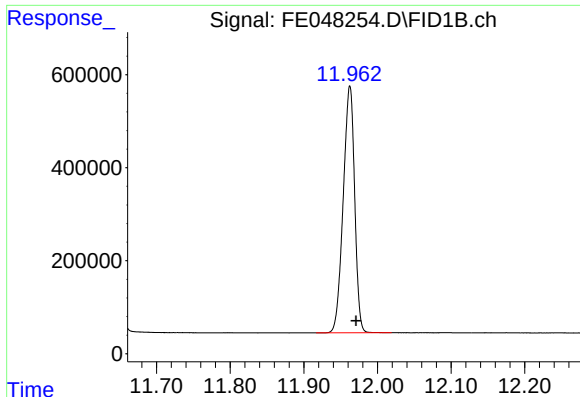
#7 n-Hexadecane (C16)

R.T.: 10.198 min
Delta R.T.: -0.009 min
Response: 5523738
Conc: 40.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.641 min
Delta R.T.: -0.009 min
Response: 5420735
Conc: 38.91 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.963 min
Delta R.T.: -0.008 min
Response: 5726973
Conc: 39.70 ug/ml

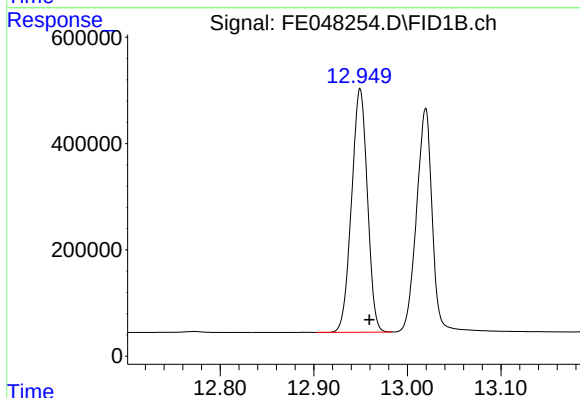
Instrument :

FID_E

ClientSampleId :
PB160972BS

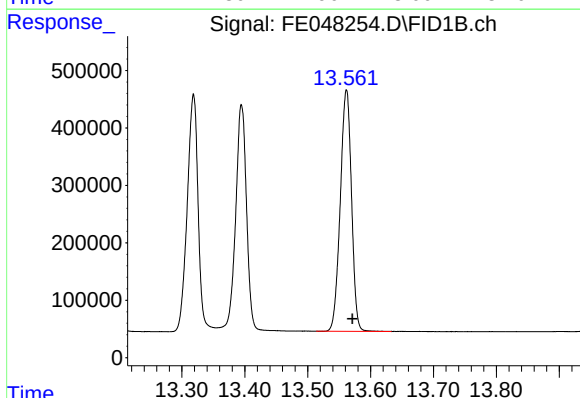
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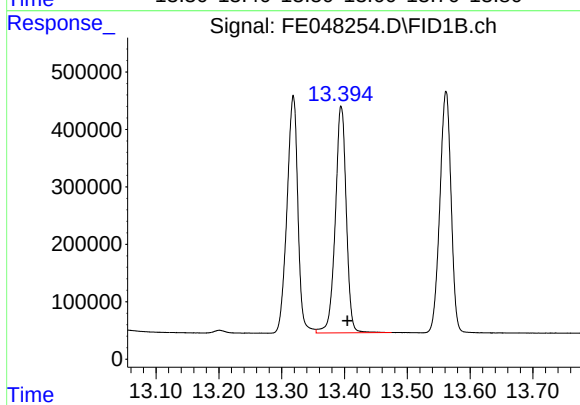
#10 n-Eicosane (C20)

R.T.: 12.950 min
Delta R.T.: -0.010 min
Response: 5389452
Conc: 40.03 ug/ml



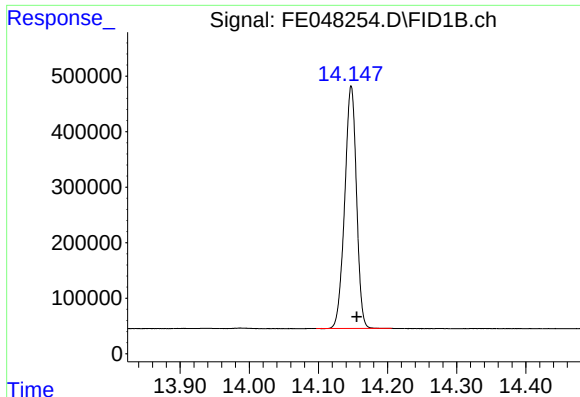
#11 n-Heneicosane (C21)

R.T.: 13.562 min
Delta R.T.: -0.009 min
Response: 5210332
Conc: 39.36 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.395 min
Delta R.T.: -0.010 min
Response: 4795272
Conc: 42.91 ug/ml



#13 n-Docosane (C22)

R.T.: 14.148 min
Delta R.T.: -0.008 min
Response: 5168824
Conc: 39.00 ug/ml

Instrument :

FID_E

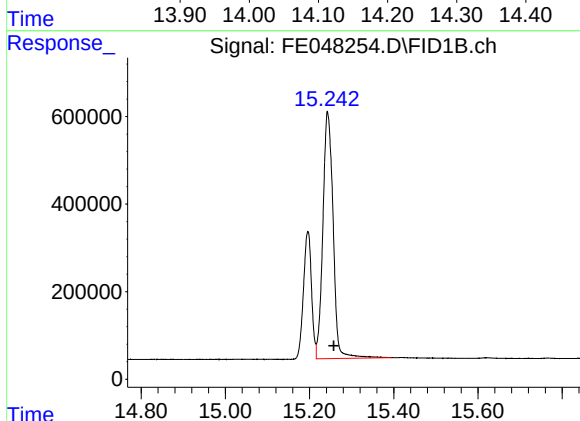
ClientSampleId :

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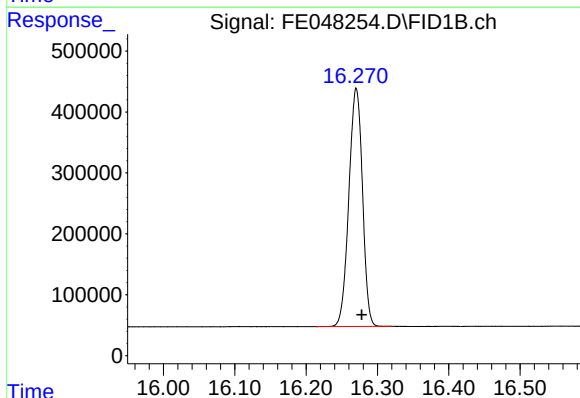
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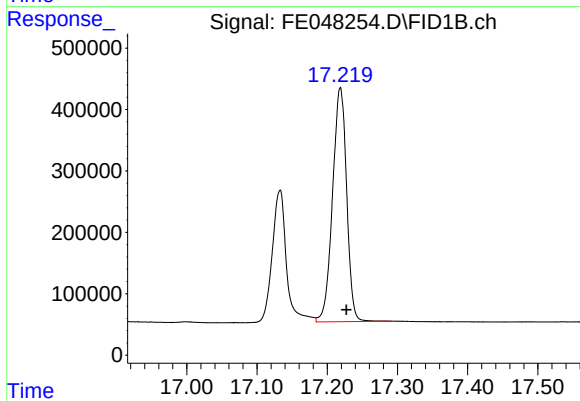
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: -0.015 min
Response: 9531662
Conc: 71.58 ug/ml



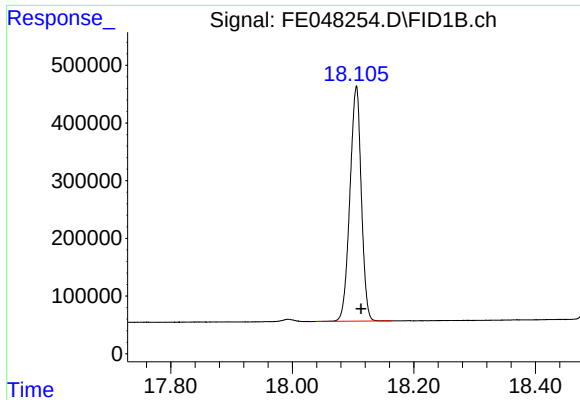
#15 n-Hexacosane (C26)

R.T.: 16.270 min
Delta R.T.: -0.008 min
Response: 5177571
Conc: 38.80 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.219 min
Delta R.T.: -0.009 min
Response: 5319586
Conc: 39.95 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: -0.008 min
Response: 5290788
Conc: 38.34 ug/ml

Instrument :

FID_E

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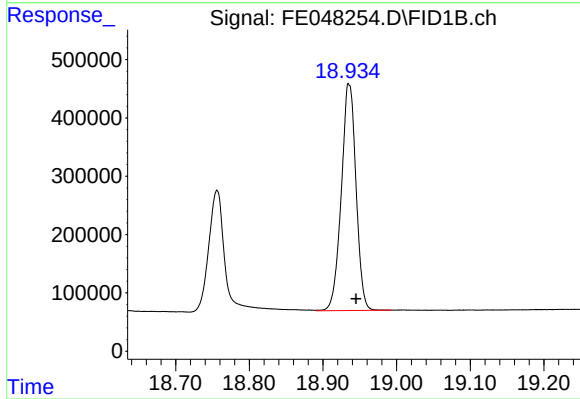
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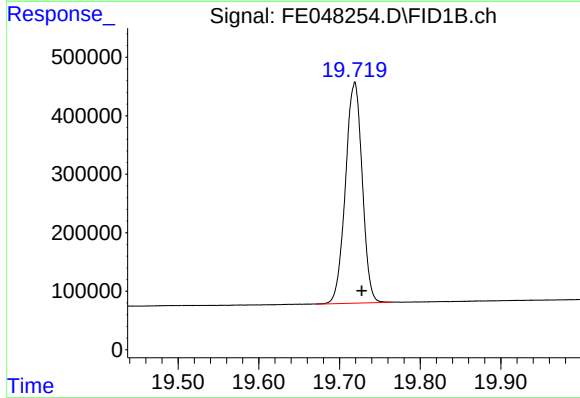
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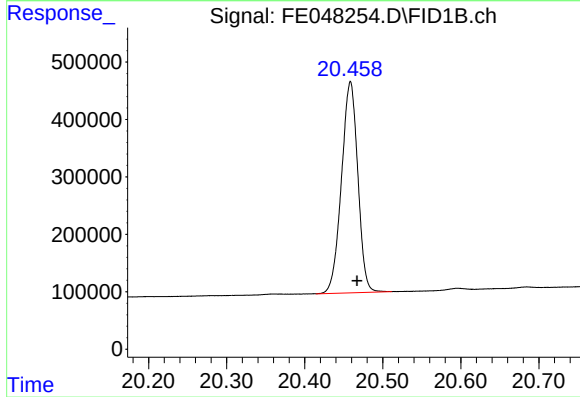
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: -0.010 min
Response: 5396753
Conc: 39.07 ug/ml



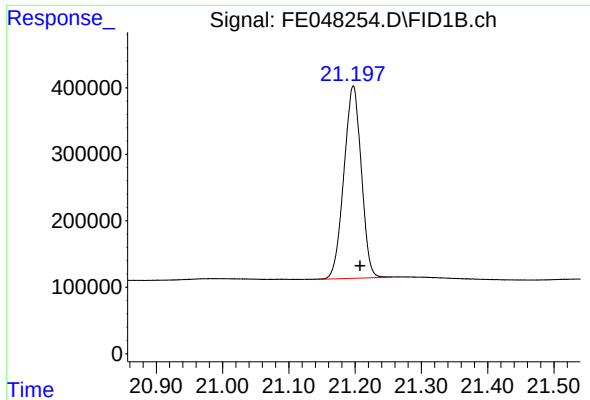
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.009 min
Response: 5454324
Conc: 40.04 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.009 min
Response: 5355241
Conc: 39.55 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.197 min
Delta R.T.: -0.010 min
Response: 5270709
Conc: 38.17 ug/ml

Instrument :

FID_E

ClientSampleId :

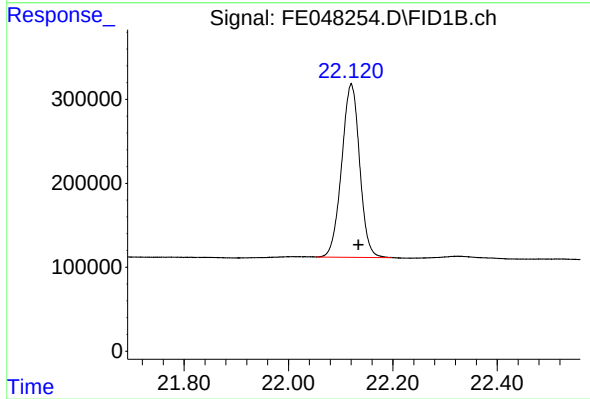
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#22 n-Tetracontane (C40)

R.T.: 22.120 min
Delta R.T.: -0.014 min
Response: 4938106
Conc: 35.44 ug/ml m