

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE102224AL\
 Data File : FE050767.D
 Signal(s) : FID1B.ch
 Acq On : 22 Oct 2024 16:36
 Operator : YP\AJ
 Sample : P4467-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TP-1MSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 10/23/2024

Supervised By :Ankita Jodhani 10/23/2024

Integration File: autoint1.e

Quant Time: Oct 23 01:33:16 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.M

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 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)	11.863	4803525	30.468 ug/ml
Spiked Amount 50.000		Recovery =	60.94%
12) S 1-chlorooctadecane (S...	13.296	4212658	35.612 ug/ml
Spiked Amount 50.000		Recovery =	71.22%
Target Compounds			
1) T n-Nonane (C9)	3.253	4984357	35.277 ug/ml
2) T n-Decane (C10)	4.504	5768740	40.207 ug/ml
3) T A~Naphthalene (C11.7)	6.212	6570361	45.950 ug/ml
4) T n-Dodecane (C12)	6.669	6453032	44.833 ug/ml
5) T A~2-methylnaphthalene...	7.308	6353051	47.955 ug/ml
6) T n-Tetradecane (C14)	8.498	6914530	48.331 ug/ml
7) T n-Hexadecane (C16)	10.102	7136713	48.493 ug/ml
8) T n-Octadecane (C18)	11.544	7211872	48.282 ug/ml
10) T n-Eicosane (C20)	12.853	7233778	50.444 ug/ml
11) T n-Heneicosane (C21)	13.463	6966926	49.610 ug/ml
13) T n-Docosane (C22)	14.049	6940509	49.471 ug/ml
14) T n-Tetracosane (C24)	15.151	13873393	98.200 ug/ml
15) T n-Hexacosane (C26)	16.171	6857076	48.730 ug/ml
16) T n-Octacosane (C28)	17.119	7476146	51.091 ug/ml
17) T n-Tricontane (C30)	18.006	7144836	44.935 ug/ml
18) T n-Dotriacontane (C32)	18.838	7223668	44.559 ug/ml
19) T n-Tetratriacontane (C34)	19.621	7562718	51.485 ug/ml
20) T n-Hexatriacontane (C36)	20.361	7668296	60.469 ug/ml
21) T n-Octatriacontane (C38)	21.087	7963772	64.407 ug/ml
22) T n-Tetracontane (C40)	21.973	7421078	66.646 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 100824.

Quant Title : GC Extractables

QLast Update : Mon Oct 07 16:32:18 2024

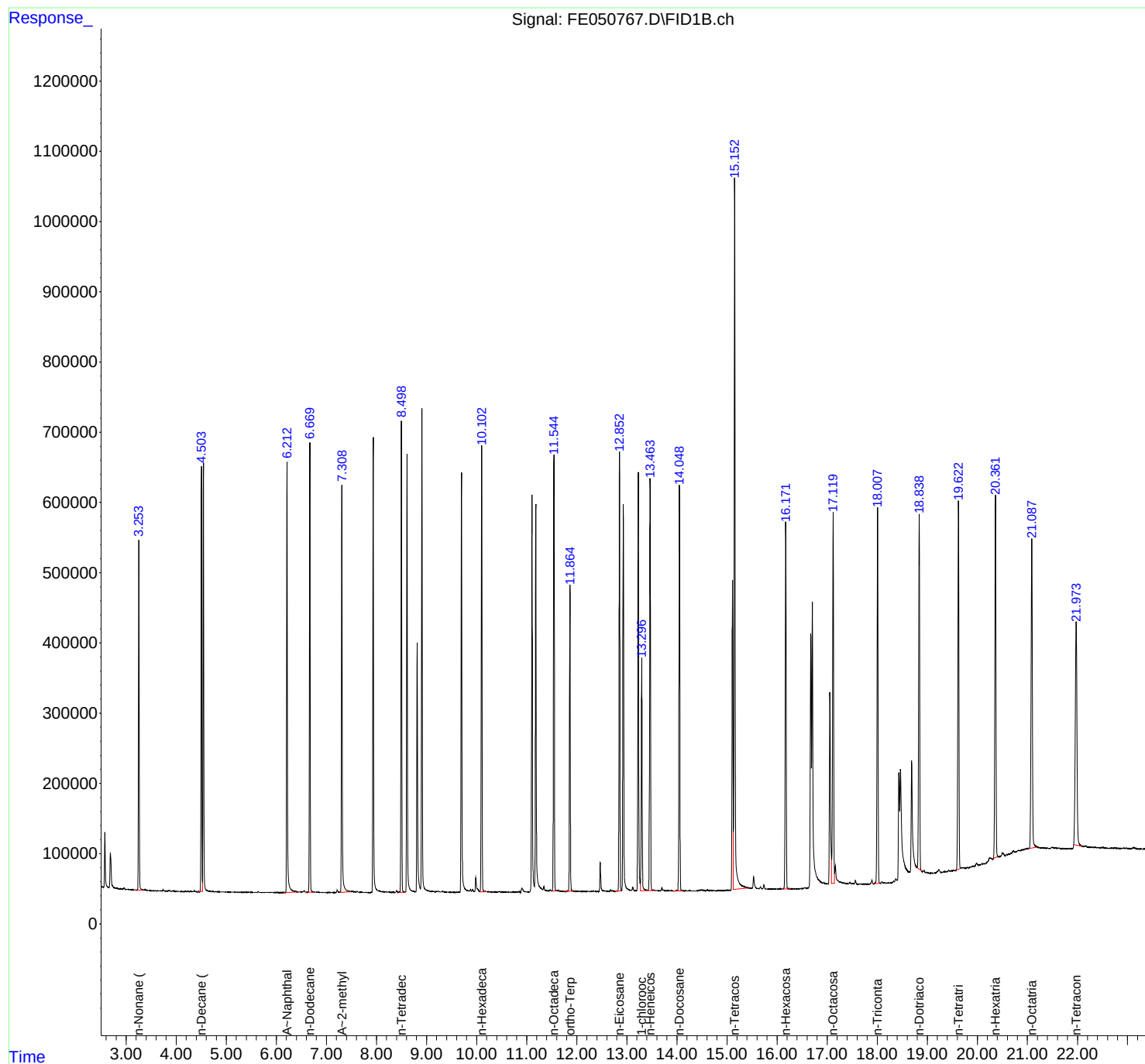
Response via : Initial Calibration

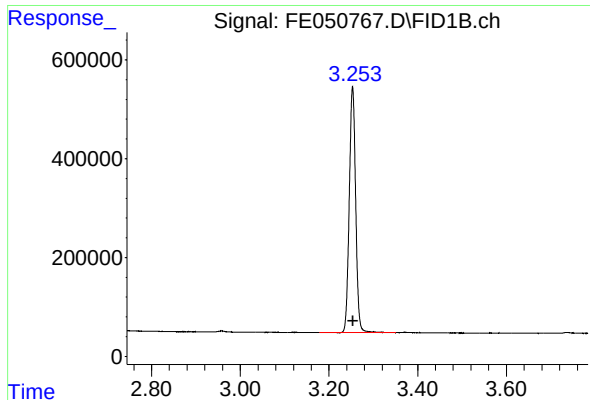
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





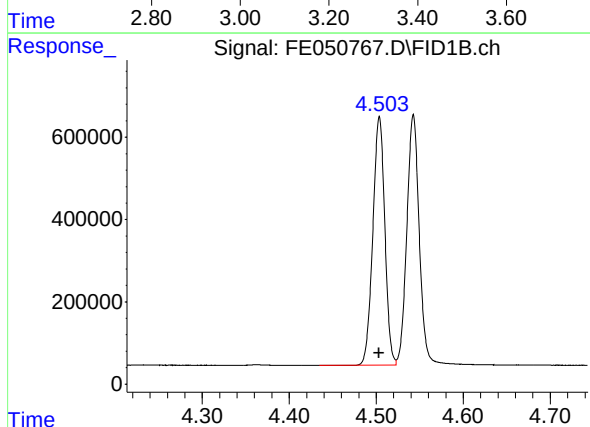
#1 n-Nonane (C9)

R.T.: 3.253 min
Delta R.T.: 0.000 min
Response: 4984357
Conc: 35.28 ug/ml

Instrument :
FID_E
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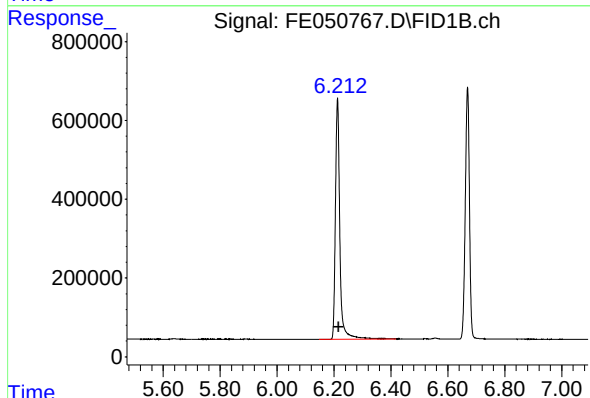
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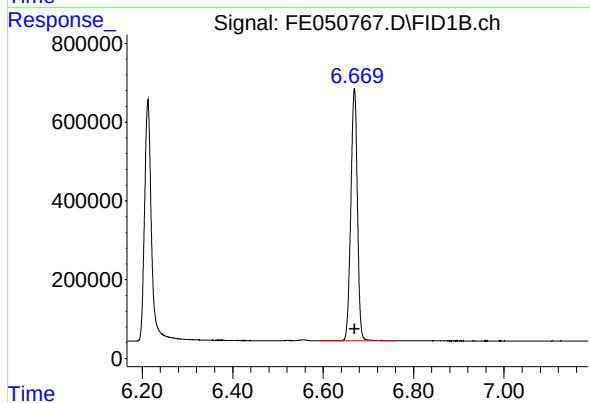
#2 n-Decane (C10)

R.T.: 4.504 min
Delta R.T.: 0.000 min
Response: 5768740
Conc: 40.21 ug/ml



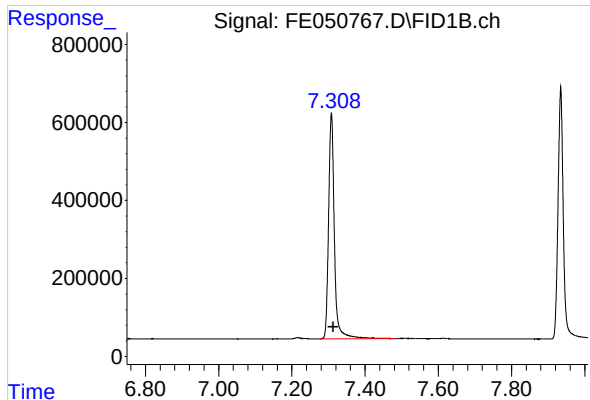
#3 A~Naphthalene (C11.7)

R.T.: 6.212 min
Delta R.T.: -0.004 min
Response: 6570361
Conc: 45.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.669 min
Delta R.T.: 0.000 min
Response: 6453032
Conc: 44.83 ug/ml



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

R.T.: 7.308 min
Delta R.T.: -0.005 min
Response: 6353051
Conc: 47.95 ug/ml

Instrument :

FID_E

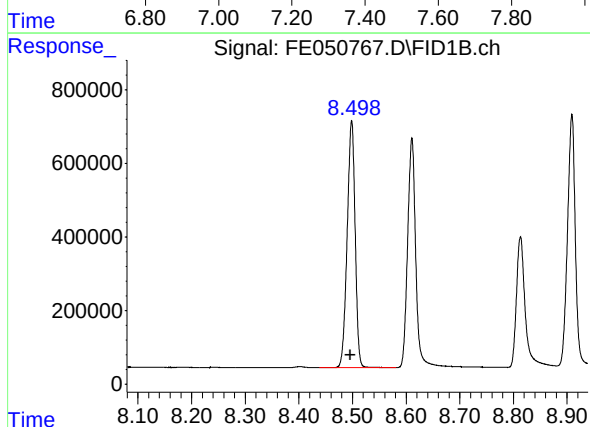
ClientSampleId :

TP-1MSD

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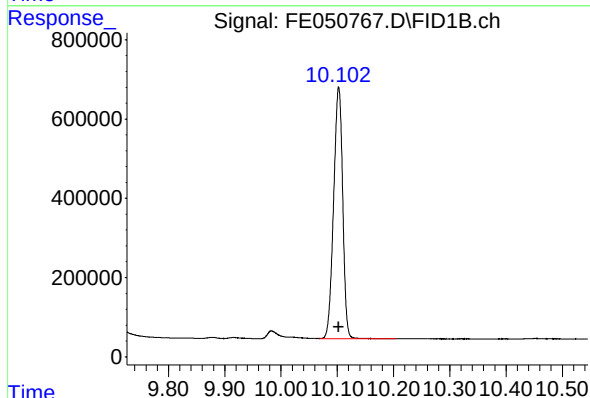
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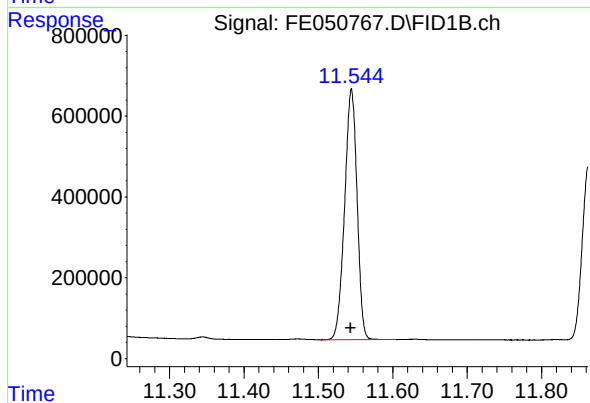
#6 n-Tetradecane (C14)

R.T.: 8.498 min
Delta R.T.: 0.002 min
Response: 6914530
Conc: 48.33 ug/ml



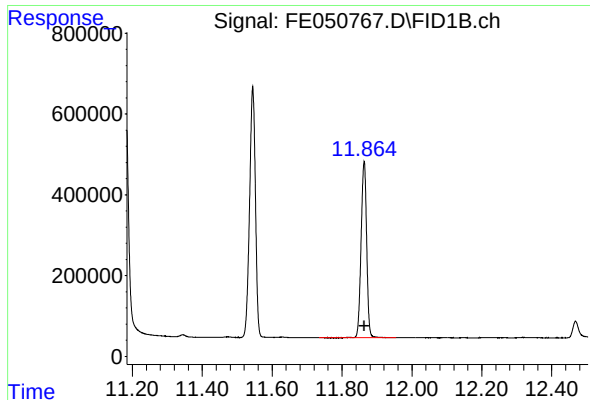
#7 n-Hexadecane (C16)

R.T.: 10.102 min
Delta R.T.: 0.000 min
Response: 7136713
Conc: 48.49 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.000 min
Response: 7211872
Conc: 48.28 ug/ml



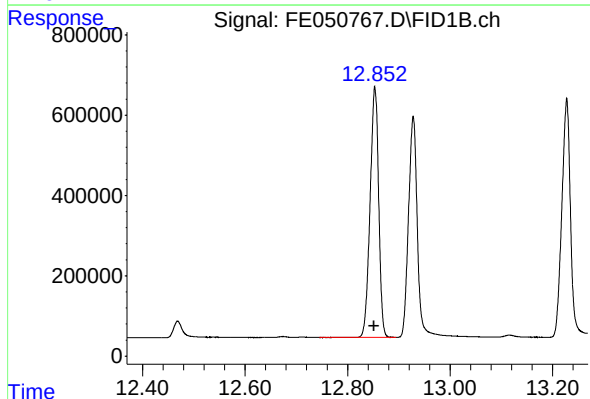
#9 ortho-Terphenyl (SURR)

R.T.: 11.863 min
Delta R.T.: 0.000 min
Response: 4803525
Conc: 30.47 ug/ml

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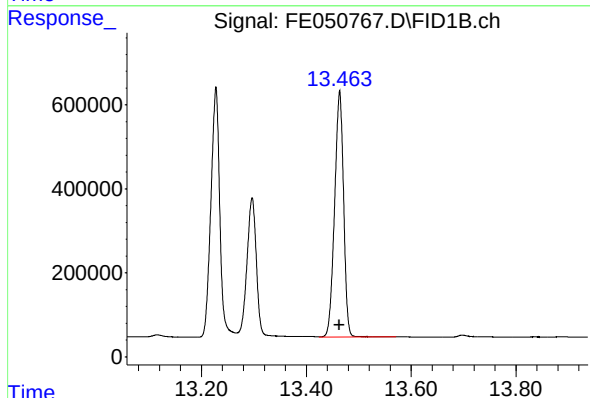
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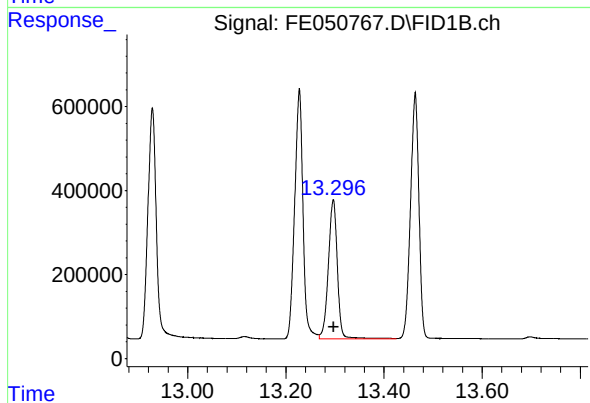
#10 n-Eicosane (C20)

R.T.: 12.853 min
Delta R.T.: 0.001 min
Response: 7233778
Conc: 50.44 ug/ml



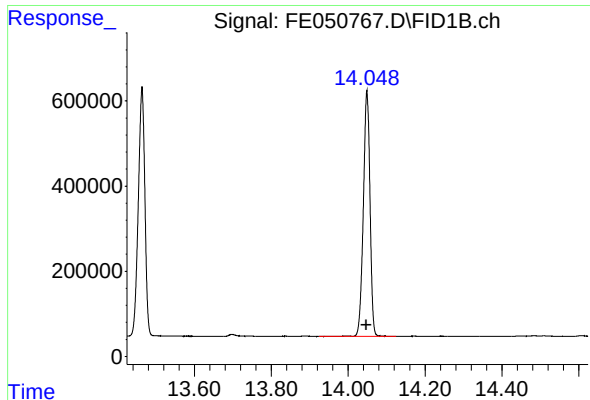
#11 n-Heneicosane (C21)

R.T.: 13.463 min
Delta R.T.: 0.000 min
Response: 6966926
Conc: 49.61 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.296 min
Delta R.T.: -0.002 min
Response: 4212658
Conc: 35.61 ug/ml



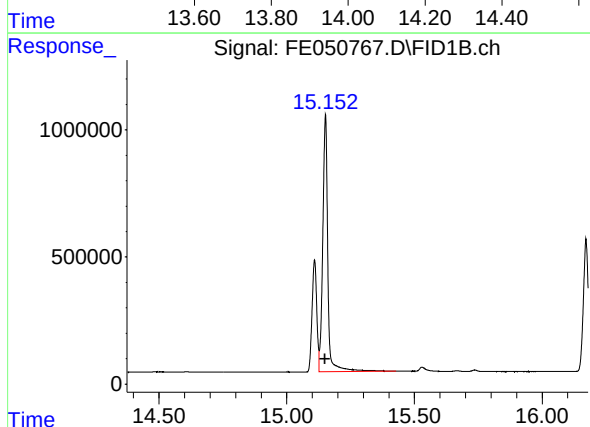
#13 n-Docosane (C22)

R.T.: 14.049 min
Delta R.T.: 0.000 min
Response: 6940509
Conc: 49.47 ug/ml

Instrument :
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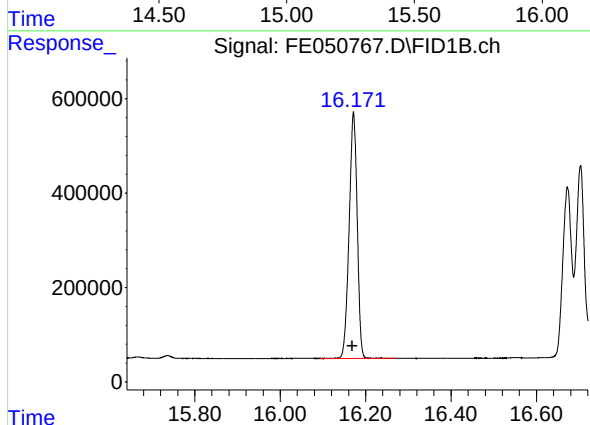
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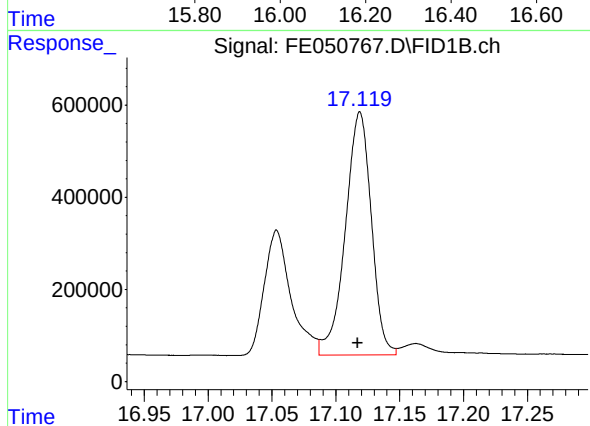
#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.001 min
Response: 13873393
Conc: 98.20 ug/ml



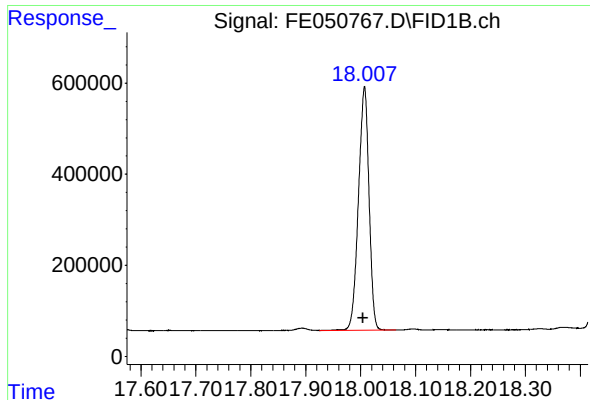
#15 n-Hexacosane (C26)

R.T.: 16.171 min
Delta R.T.: 0.002 min
Response: 6857076
Conc: 48.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.119 min
Delta R.T.: 0.001 min
Response: 7476146
Conc: 51.09 ug/ml m



#17 n-Tricontane (C30)

R.T.: 18.006 min
Delta R.T.: 0.002 min
Response: 7144836
Conc: 44.94 ug/ml

Instrument :

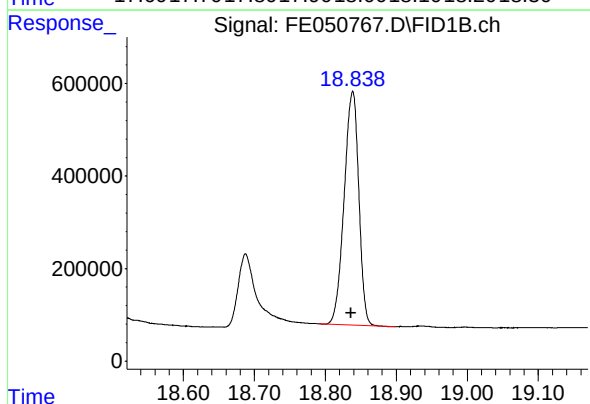
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ClientSampleId :

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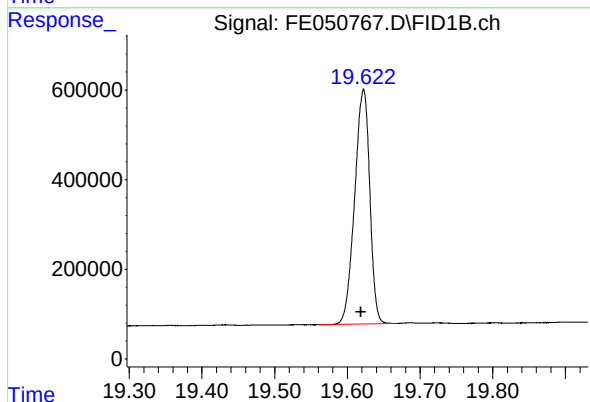
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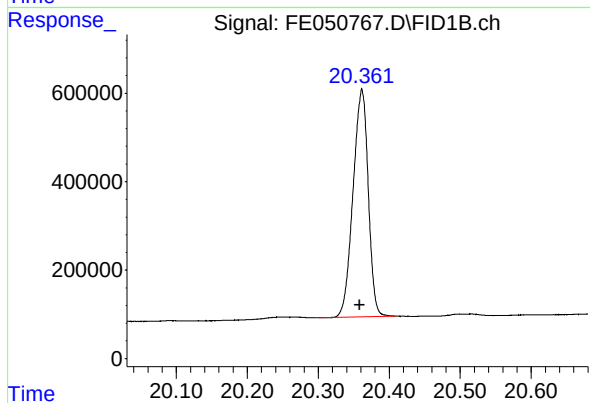
#18 n-Dotriacontane (C32)

R.T.: 18.838 min
Delta R.T.: 0.001 min
Response: 7223668
Conc: 44.56 ug/ml



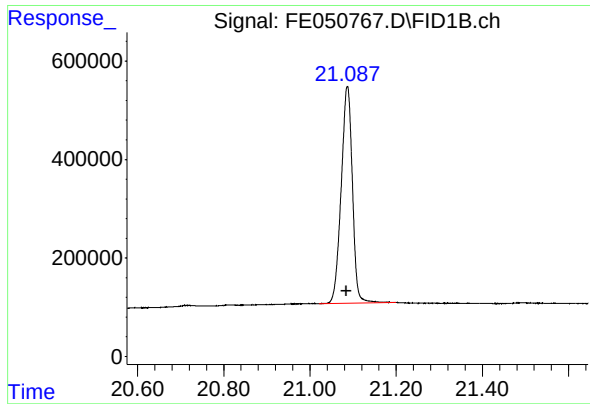
#19 n-Tetratriacontane (C34)

R.T.: 19.621 min
Delta R.T.: 0.003 min
Response: 7562718
Conc: 51.49 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.361 min
Delta R.T.: 0.002 min
Response: 7668296
Conc: 60.47 ug/ml



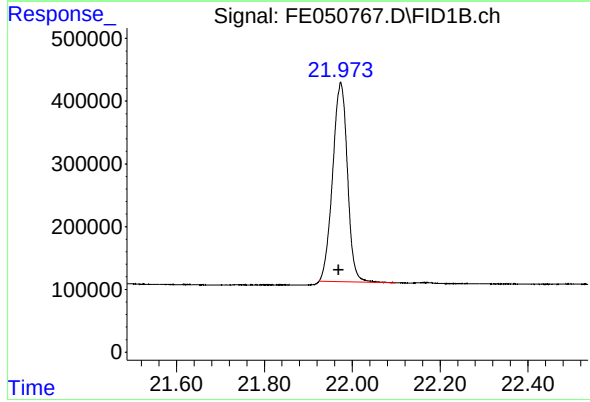
#21 n-Octatriacontane (C38)

R.T.: 21.087 min
Delta R.T.: 0.002 min
Response: 7963772
Conc: 64.41 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.973 min
Delta R.T.: 0.004 min
Response: 7421078
Conc: 66.65 ug/ml