

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE040124AL\
 Data File : FE047405.D
 Signal(s) : FID1B.ch
 Acq On : 01 Apr 2024 16:08
 Operator : YP\AJ
 Sample : P1915-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WC-A-COMPMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/02/2024
 Supervised By :Ankita Jodhani 04/02/2024

Integration File: autoint1.e
 Quant Time: Apr 02 03:03:59 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032324.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 23 01:31:33 2024
 Response via : Initial Calibration
 Integrator: ChemStation

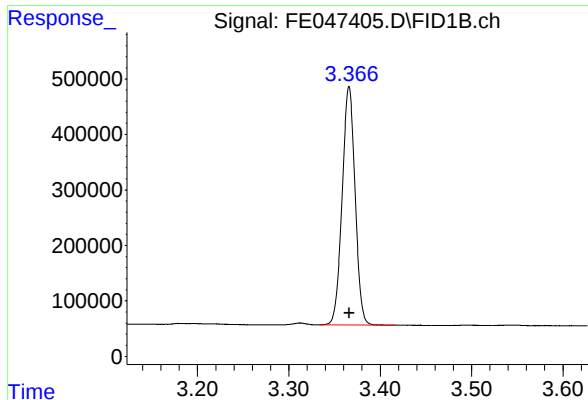
Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.987	5018110	32.044 ug/ml
Spiked Amount 50.000		Recovery =	64.09%
12) S 1-chlorooctadecane (S...	13.420	4323249	35.647 ug/ml
Spiked Amount 50.000		Recovery =	71.29%
Target Compounds			
1) T n-Nonane (C9)	3.366	4241649	29.045 ug/ml
2) T n-Decane (C10)	4.619	4860686	32.608 ug/ml
3) T A~Naphthalene (C11.7)	6.326	5463840	35.218 ug/ml
4) T n-Dodecane (C12)	6.785	5443489	36.398 ug/ml
5) T A~2-methylnaphthalene...	7.423	5697210	38.070 ug/ml
6) T n-Tetradecane (C14)	8.616	6146112	41.671 ug/ml
7) T n-Hexadecane (C16)	10.222	6684707	44.164 ug/ml
8) T n-Octadecane (C18)	11.666	7001658	46.085 ug/ml
10) T n-Eicosane (C20)	12.975	7094574	48.762 ug/ml
11) T n-Heneicosane (C21)	13.588	6853359	47.951 ug/ml
13) T n-Docosane (C22)	14.173	6908772	48.669 ug/ml
14) T n-Tetracosane (C24)	15.269	11601367	82.294 ug/ml
15) T n-Hexacosane (C26)	16.296	6716169	48.298 ug/ml
16) T n-Octacosane (C28)	17.243	6901391	50.508 ug/ml
17) T n-Tricontane (C30)	18.129	6836004	49.235 ug/ml
18) T n-Dotriacontane (C32)	18.960	6730772	48.795 ug/mlm
19) T n-Tetratriacontane (C34)	19.744	6960334	50.786 ug/ml
20) T n-Hexatriacontane (C36)	20.482	6998191	51.243 ug/ml
21) T n-Octatriacontane (C38)	21.229	7274915	52.482 ug/ml
22) T n-Tetracontane (C40)	22.164	7471350	52.152 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.



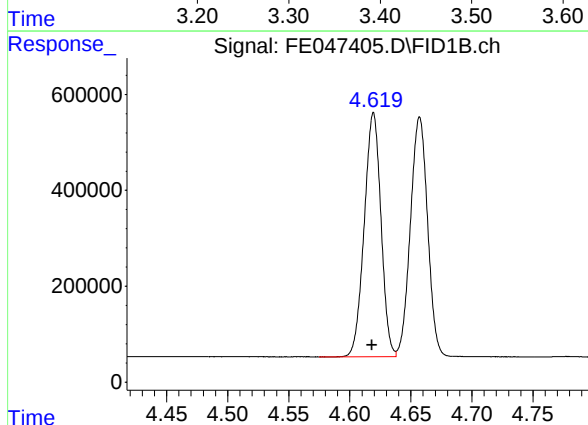
#1 n-Nonane (C9)

R.T.: 3.366 min
Delta R.T.: 0.000 min
Response: 4241649
Conc: 29.05 ug/ml

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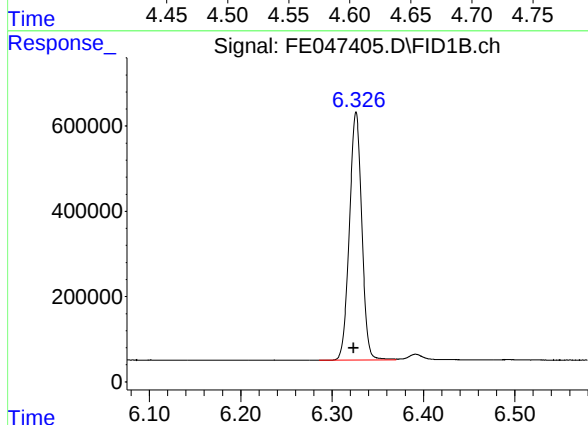
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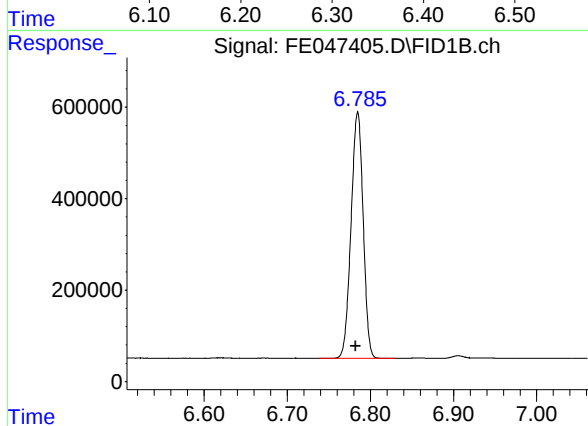
#2 n-Decane (C10)

R.T.: 4.619 min
Delta R.T.: 0.001 min
Response: 4860686
Conc: 32.61 ug/ml



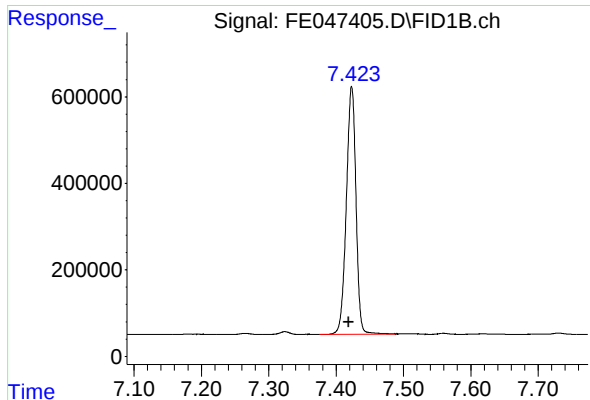
#3 A~Naphthalene (C11.7)

R.T.: 6.326 min
Delta R.T.: 0.003 min
Response: 5463840
Conc: 35.22 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.785 min
Delta R.T.: 0.003 min
Response: 5443489
Conc: 36.40 ug/ml



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

R.T.: 7.423 min
Delta R.T.: 0.005 min
Response: 5697210
Conc: 38.07 ug/ml

Instrument :

FID_E

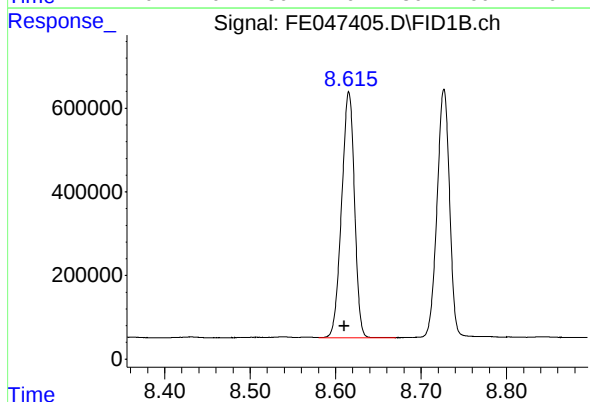
ClientSampleId :

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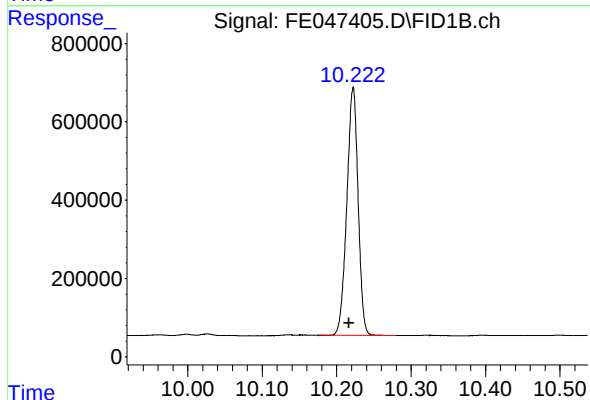
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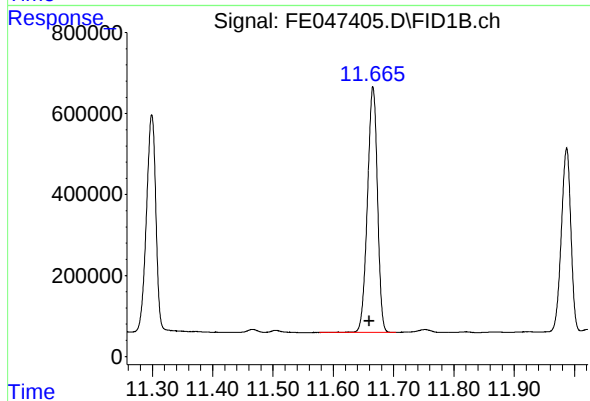
#6 n-Tetradecane (C14)

R.T.: 8.616 min
Delta R.T.: 0.005 min
Response: 6146112
Conc: 41.67 ug/ml



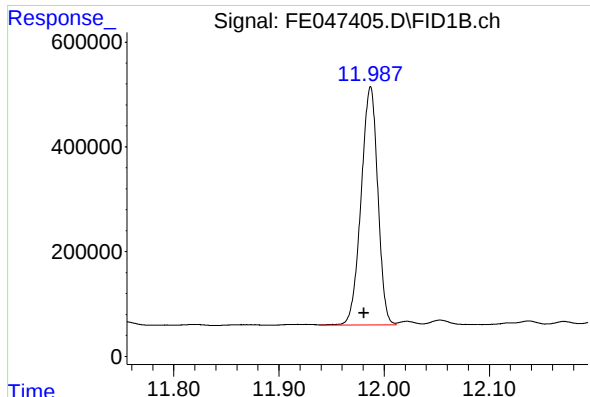
#7 n-Hexadecane (C16)

R.T.: 10.222 min
Delta R.T.: 0.006 min
Response: 6684707
Conc: 44.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.666 min
Delta R.T.: 0.006 min
Response: 7001658
Conc: 46.08 ug/ml



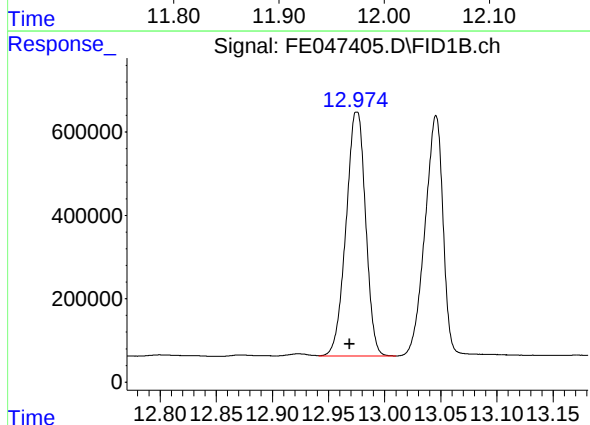
#9 ortho-Terphenyl (SURR)

R.T.: 11.987 min
Delta R.T.: 0.007 min
Response: 5018110
Conc: 32.04 ug/ml

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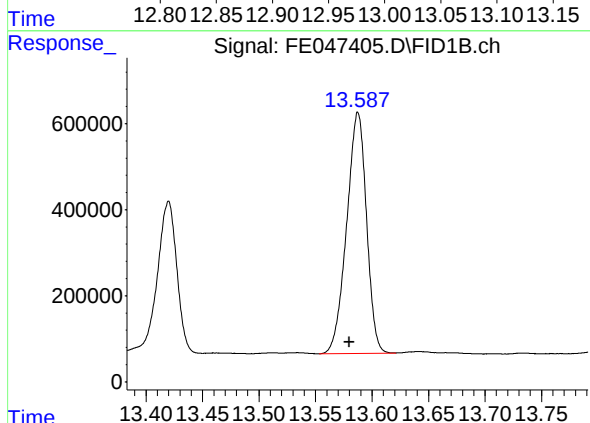
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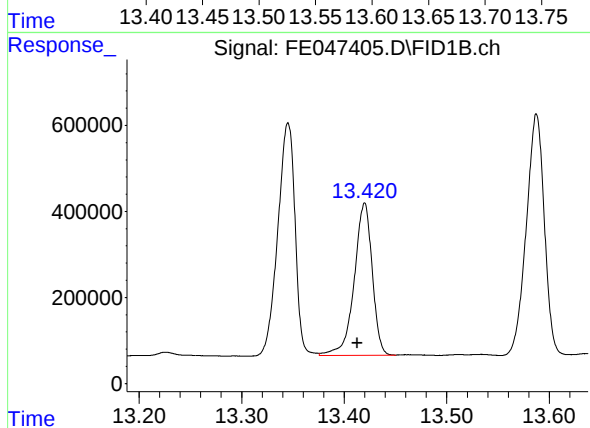
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.006 min
Response: 7094574
Conc: 48.76 ug/ml



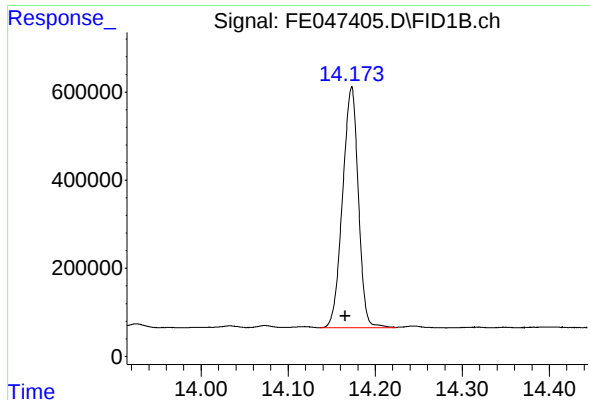
#11 n-Heneicosane (C21)

R.T.: 13.588 min
Delta R.T.: 0.008 min
Response: 6853359
Conc: 47.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.420 min
Delta R.T.: 0.007 min
Response: 4323249
Conc: 35.65 ug/ml



#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.007 min
Response: 6908772
Conc: 48.67 ug/ml

Instrument :

FID_E

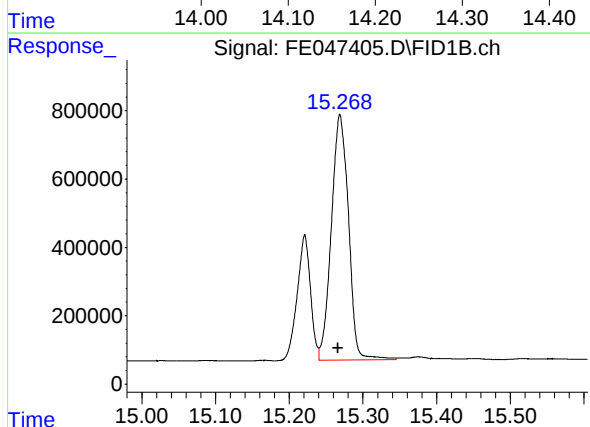
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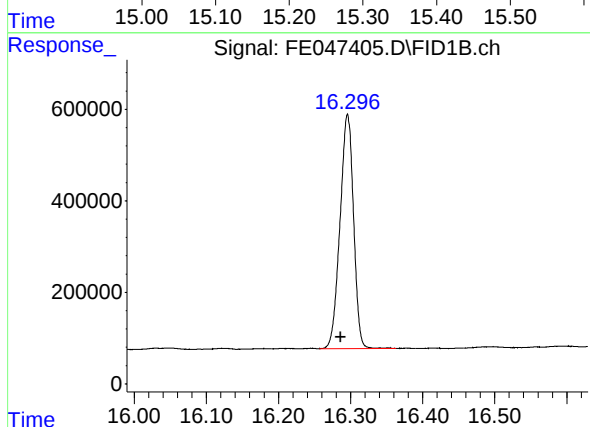
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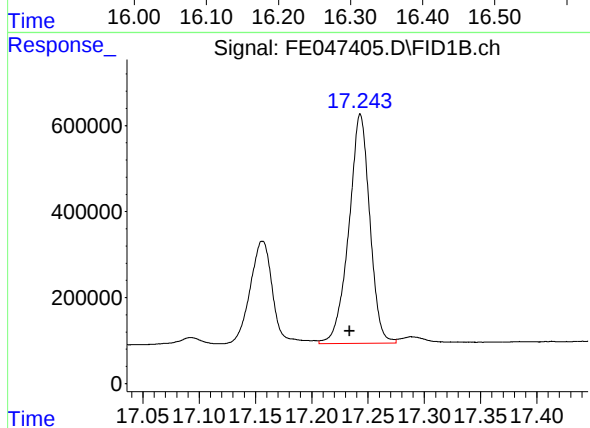
#14 n-Tetracosane (C24)

R.T.: 15.269 min
Delta R.T.: 0.003 min
Response: 11601367
Conc: 82.29 ug/ml



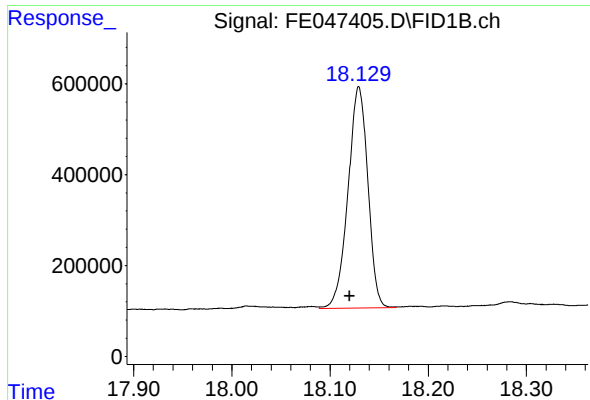
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.010 min
Response: 6716169
Conc: 48.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.243 min
Delta R.T.: 0.009 min
Response: 6901391
Conc: 50.51 ug/ml



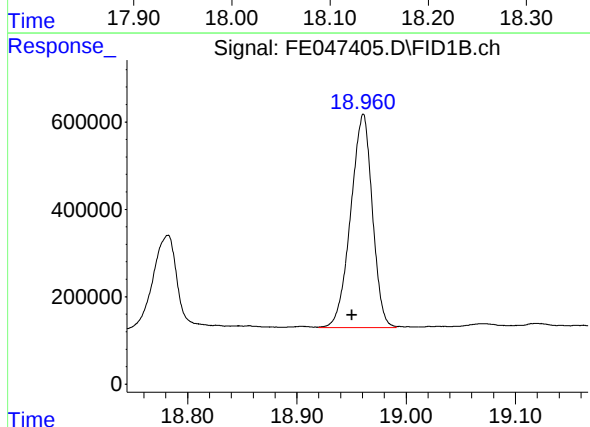
#17 n-Tricontane (C30)

R.T.: 18.129 min
Delta R.T.: 0.010 min
Response: 6836004
Conc: 49.23 ug/ml

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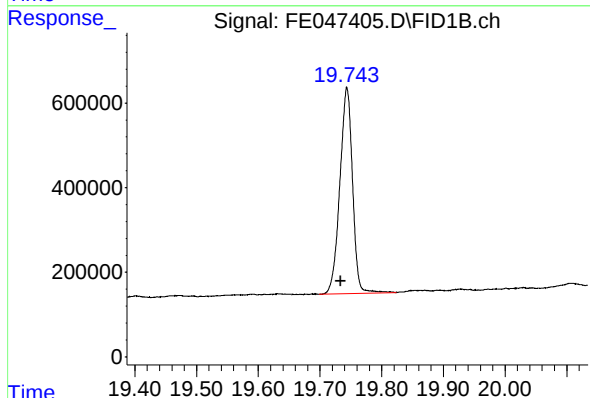
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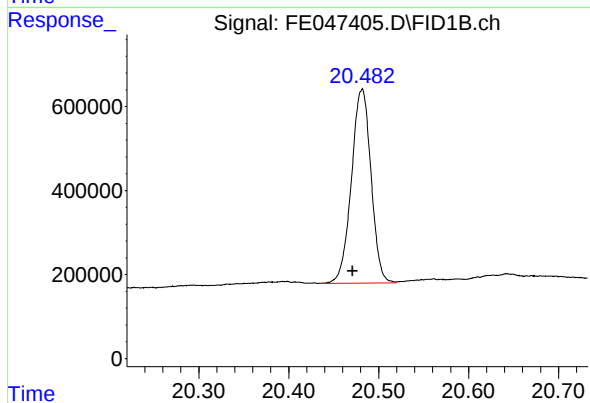
#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.010 min
Response: 6730772
Conc: 48.80 ug/ml



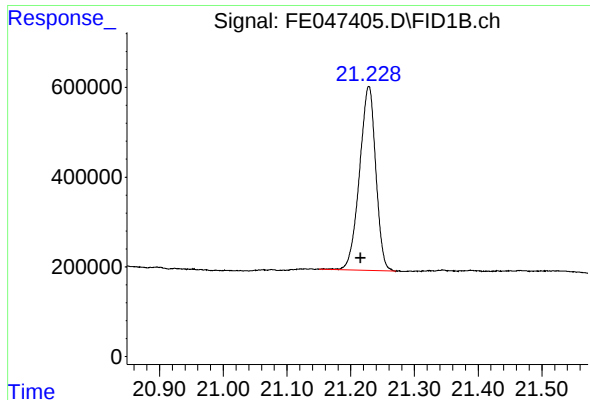
#19 n-Tetratriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.011 min
Response: 6960334
Conc: 50.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.482 min
Delta R.T.: 0.011 min
Response: 6998191
Conc: 51.24 ug/ml



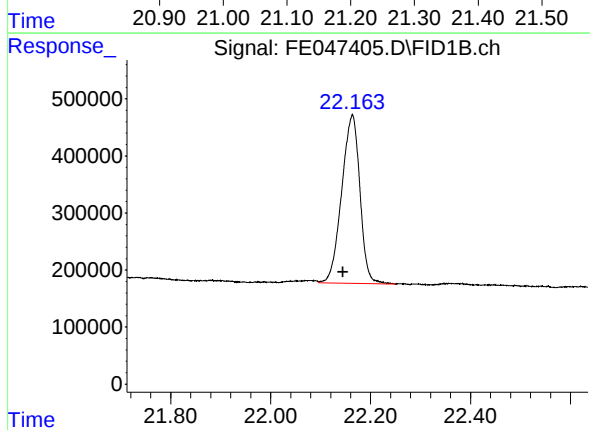
#21 n-Octatriacontane (C38)

R.T.: 21.229 min
Delta R.T.: 0.013 min
Response: 7274915
Conc: 52.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.164 min
Delta R.T.: 0.019 min
Response: 7471350
Conc: 52.15 ug/ml