

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101023AL\
 Data File : FE044759.D
 Signal(s) : FID1B.ch
 Acq On : 10 Oct 2023 14:47
 Operator : YP\AJ
 Sample : PB156256BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB156256BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/11/2023
 Supervised By :Ankita Jodhani 10/11/2023

Integration File: autoint1.e
 Quant Time: Oct 11 03:14:01 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 092523.M
 Quant Title : GC Extractables
 QLast Update : Mon Sep 25 11:06:21 2023
 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)	11.920	11192595	59.618 ug/ml
Spiked Amount 50.000		Recovery =	119.24%
12) S 1-chlorooctadecane (S...	13.360	8816073	64.803 ug/ml
Spiked Amount 50.000		Recovery =	129.61%
Target Compounds			
1) T n-Nonane (C9)	3.305	5722506	35.248 ug/ml
2) T n-Decane (C10)	4.554	6264964	37.834 ug/ml
3) T A~Naphthalene (C11.7)	6.253	7354418	41.135 ug/ml
4) T n-Dodecane (C12)	6.717	7046447	42.364 ug/ml
5) T A~2-methylnaphthalene...	7.348	7658824	44.765 ug/ml
6) T n-Tetradecane (C14)	8.546	7984120	48.634 ug/ml
7) T n-Hexadecane (C16)	10.155	8673142	51.197 ug/ml
8) T n-Octadecane (C18)	11.603	8859764	52.181 ug/ml
10) T n-Eicosane (C20)	12.915	8869749	55.129 ug/ml
11) T n-Heneicosane (C21)	13.527	8486254	54.196 ug/ml
13) T n-Docosane (C22)	14.115	8377664	54.319 ug/ml
14) T n-Tetracosane (C24)	15.202	16131938	106.716 ug/mlm
15) T n-Hexacosane (C26)	16.245	7955013	54.081 ug/ml
16) T n-Octacosane (C28)	17.193	7878142	54.930 ug/ml
17) T n-Tricontane (C30)	18.086	7746325	52.258 ug/ml
18) T n-Dotriacontane (C32)	18.916	7608863	51.399 ug/ml
19) T n-Tetratriacontane (C34)	19.703	7459302	51.041 ug/ml
20) T n-Hexatriacontane (C36)	20.444	6861321	47.302 ug/ml
21) T n-Octatriacontane (C38)	21.185	6672532	44.546 ug/ml
22) T n-Tetracontane (C40)	22.108	6503953	41.213 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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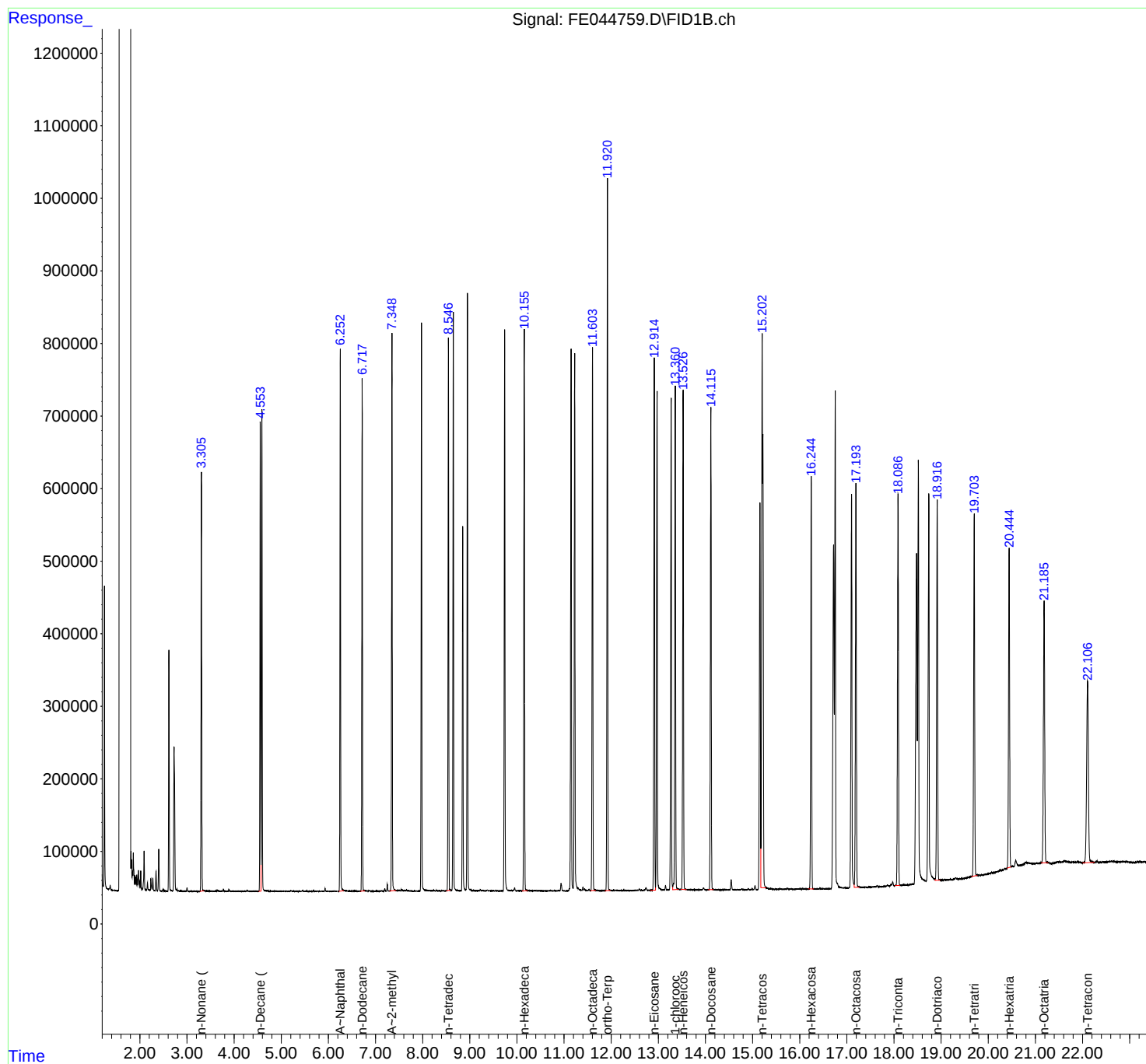
Instrument :
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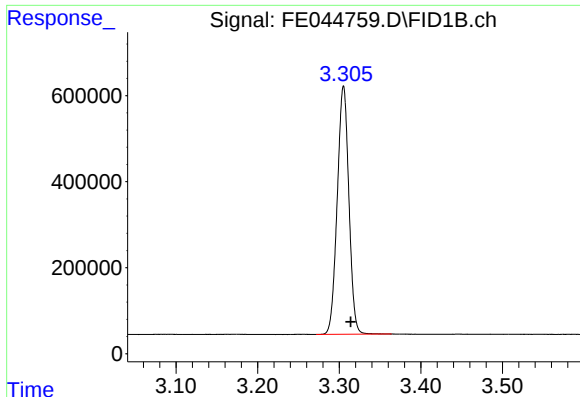
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#1 n-Nonane (C9)

R.T.: 3.305 min
Delta R.T.: -0.009 min
Response: 5722506
Conc: 35.25 ug/ml

Instrument :

FID_E

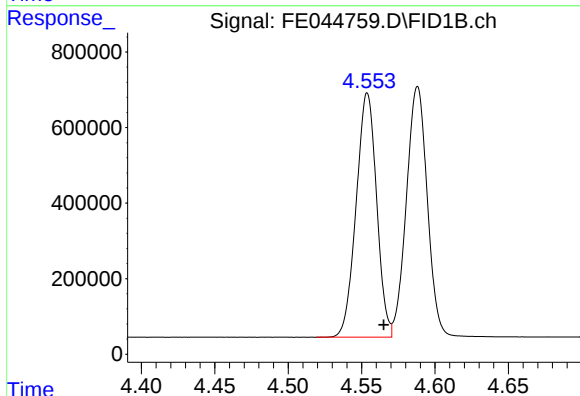
ClientSampleId :

PB156256BSD

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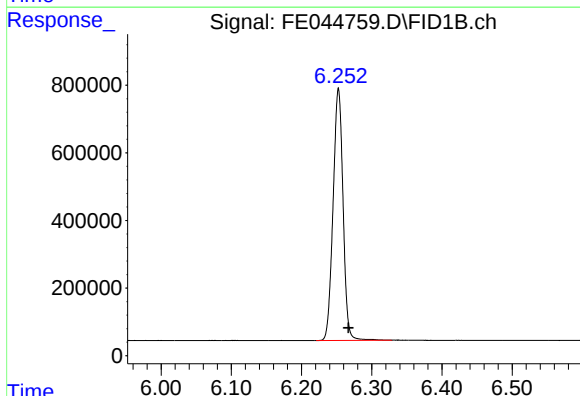
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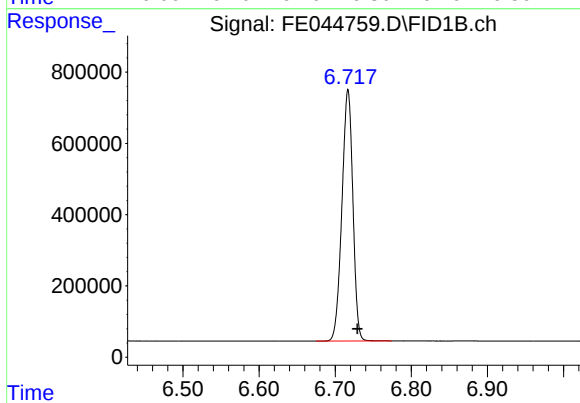
#2 n-Decane (C10)

R.T.: 4.554 min
Delta R.T.: -0.011 min
Response: 6264964
Conc: 37.83 ug/ml



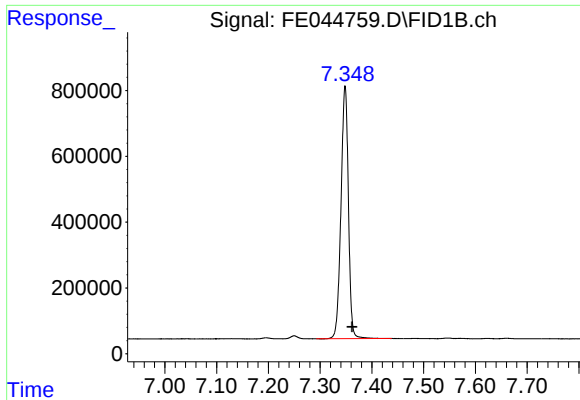
#3 A~Naphthalene (C11.7)

R.T.: 6.253 min
Delta R.T.: -0.014 min
Response: 7354418
Conc: 41.14 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.717 min
Delta R.T.: -0.012 min
Response: 7046447
Conc: 42.36 ug/ml



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

R.T.: 7.348 min
Delta R.T.: -0.013 min
Response: 7658824
Conc: 44.77 ug/ml

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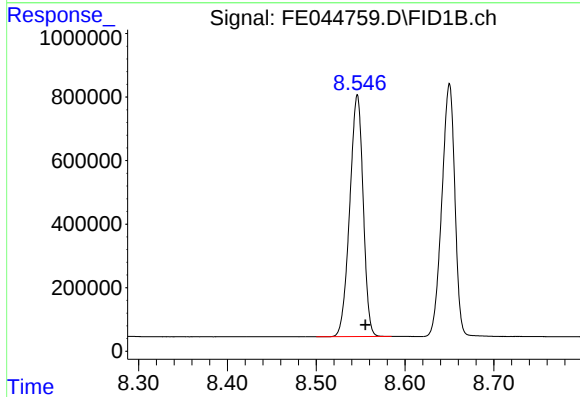
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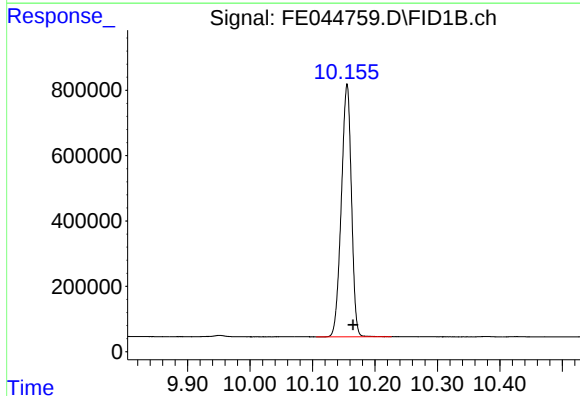
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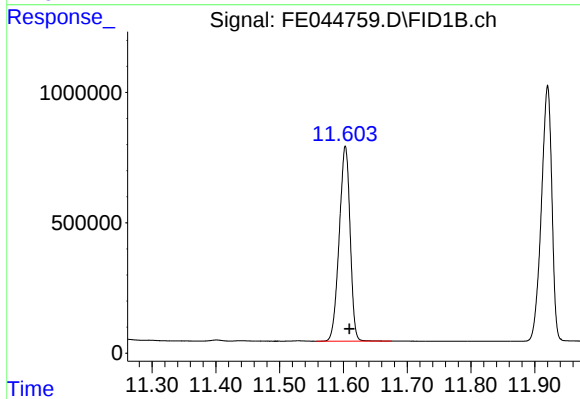
#6 n-Tetradecane (C14)

R.T.: 8.546 min
Delta R.T.: -0.009 min
Response: 7984120
Conc: 48.63 ug/ml



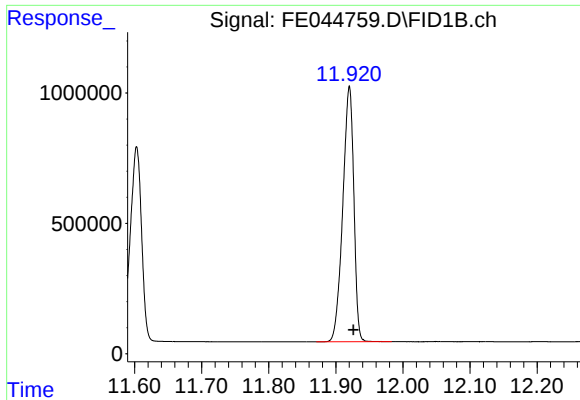
#7 n-Hexadecane (C16)

R.T.: 10.155 min
Delta R.T.: -0.009 min
Response: 8673142
Conc: 51.20 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.603 min
Delta R.T.: -0.006 min
Response: 8859764
Conc: 52.18 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.920 min
Delta R.T.: -0.006 min
Response: 11192595
Conc: 59.62 ug/ml

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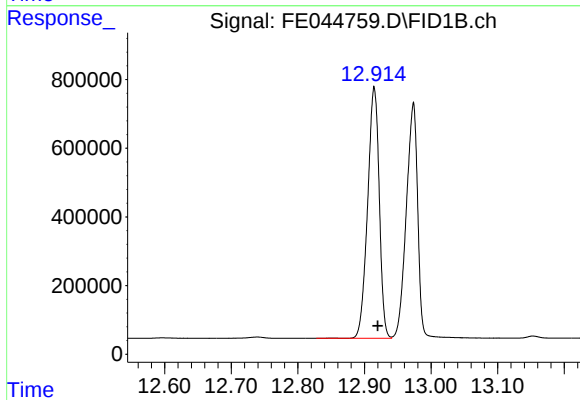
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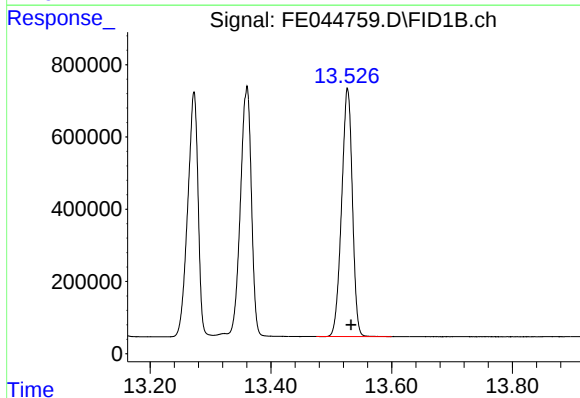
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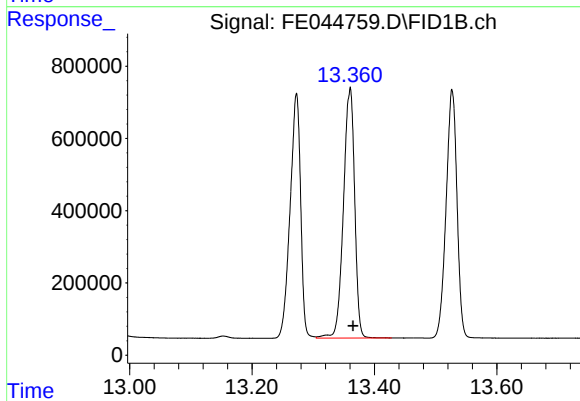
#10 n-Eicosane (C20)

R.T.: 12.915 min
Delta R.T.: -0.006 min
Response: 8869749
Conc: 55.13 ug/ml



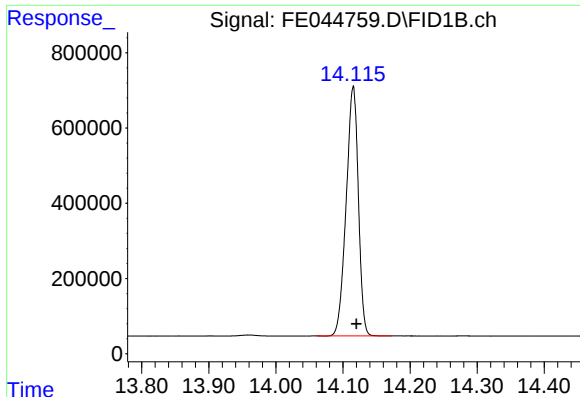
#11 n-Heneicosane (C21)

R.T.: 13.527 min
Delta R.T.: -0.006 min
Response: 8486254
Conc: 54.20 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.360 min
Delta R.T.: -0.005 min
Response: 8816073
Conc: 64.80 ug/ml



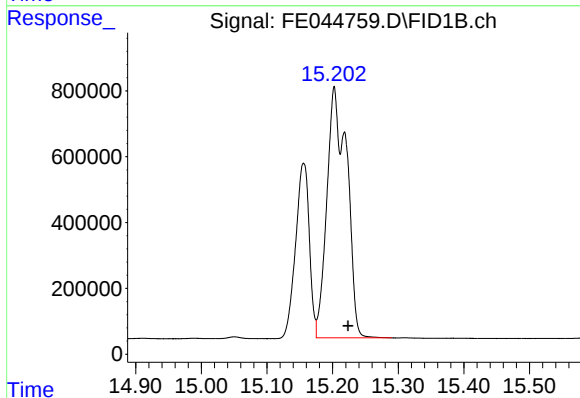
#13 n-Docosane (C22)

R.T.: 14.115 min
Delta R.T.: -0.005 min
Response: 8377664
Conc: 54.32 ug/ml

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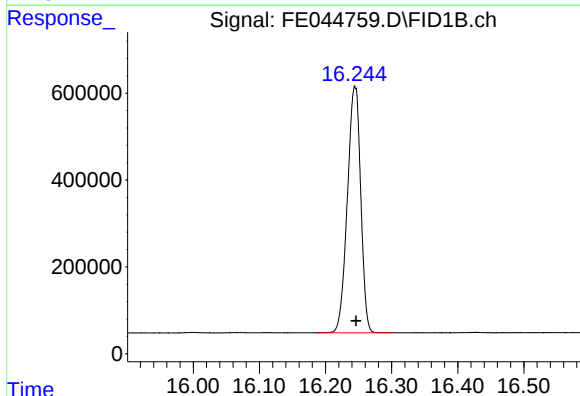
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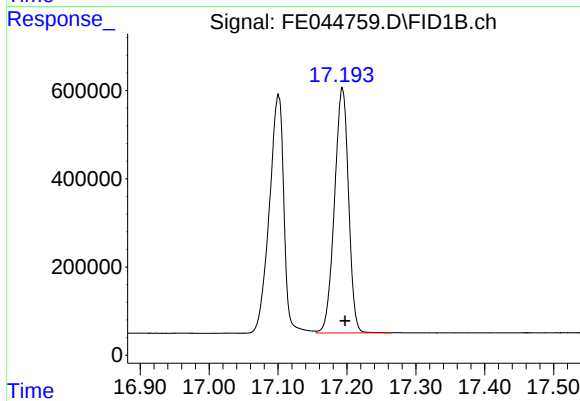
#14 n-Tetracosane (C24)

R.T.: 15.202 min
Delta R.T.: -0.021 min
Response: 16131938
Conc: 106.72 ug/ml m



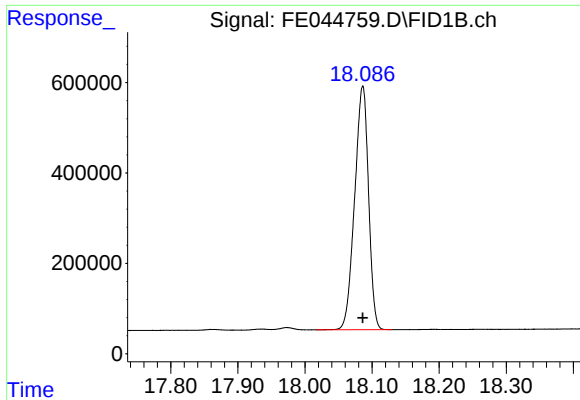
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.001 min
Response: 7955013
Conc: 54.08 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.193 min
Delta R.T.: -0.004 min
Response: 7878142
Conc: 54.93 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.086 min
Delta R.T.: 0.000 min
Response: 7746325
Conc: 52.26 ug/ml

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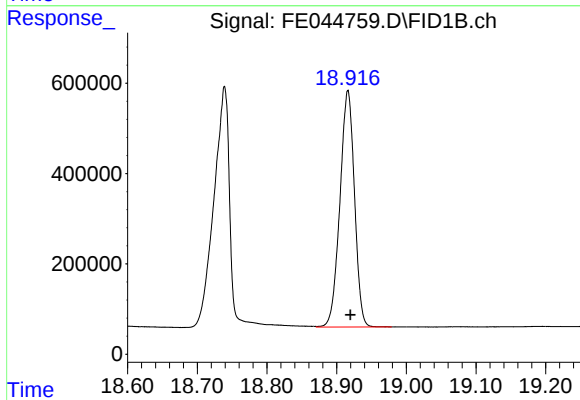
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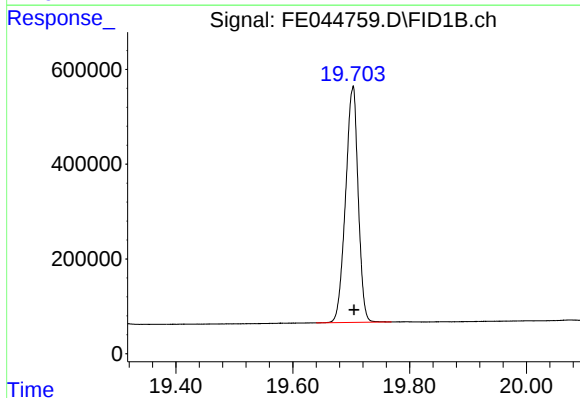
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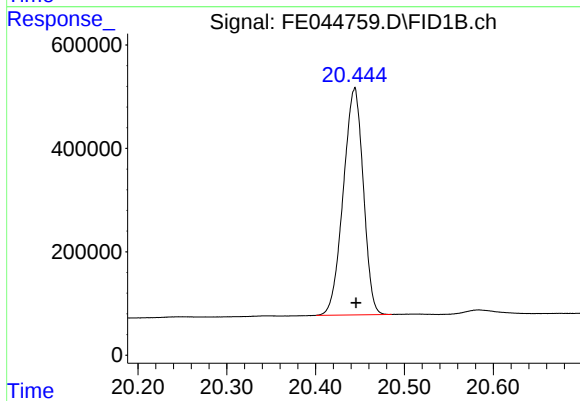
#18 n-Dotriacontane (C32)

R.T.: 18.916 min
Delta R.T.: -0.003 min
Response: 7608863
Conc: 51.40 ug/ml



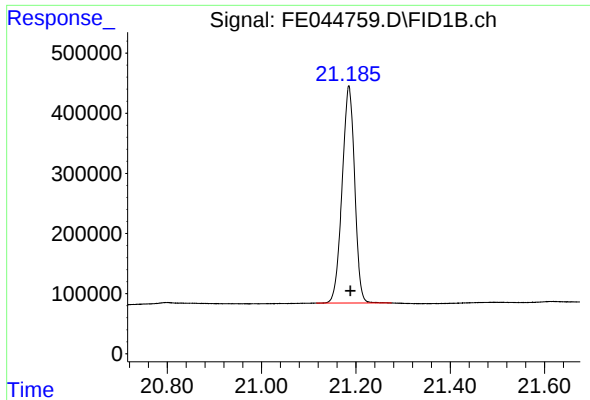
#19 n-Tetratriacontane (C34)

R.T.: 19.703 min
Delta R.T.: -0.002 min
Response: 7459302
Conc: 51.04 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.444 min
Delta R.T.: -0.002 min
Response: 6861321
Conc: 47.30 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 21.185 min
Delta R.T.: -0.003 min
Response: 6672532
Conc: 44.55 ug/ml

Instrument :

FID_E

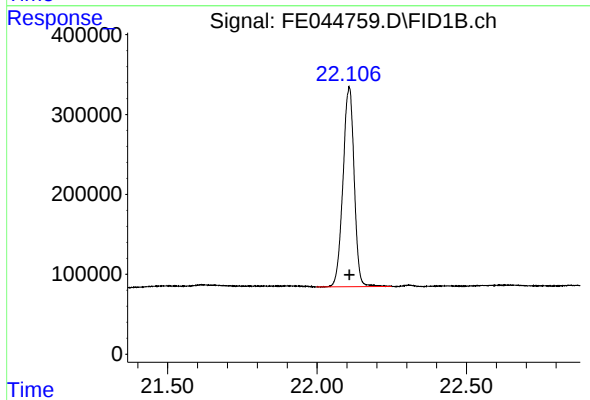
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#22 n-Tetracontane (C40)

R.T.: 22.108 min
Delta R.T.: -0.001 min
Response: 6503953
Conc: 41.21 ug/ml