

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071922AL\
 Data File : FE036583.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2022 17:21
 Operator : YP\AJ
 Sample : PB146275BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146275BS

Manual Integrations
 APPROVED

Reviewed By :Ankita Jodhani 07/20/2022
 Supervised By :mohammad ahmed 07/20/2022

Integration File: autoint1.e
 Quant Time: Jul 20 02:54:21 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071722.M
 Quant Title : GC Extractables
 QLast Update : Mon Jul 18 02:35:21 2022
 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			
12) S 1-chlorooctadecane (S...	13.298	7980452	52.453 ug/ml
Spiked Amount 50.000		Recovery =	104.91%
Target Compounds			
1) T n-Nonane (C9)	3.237	7388657	47.929 ug/ml
2) T n-Decane (C10)	4.496	7561384	49.053 ug/ml
4) T n-Dodecane (C12)	6.666	7838992	49.912 ug/ml
6) T n-Tetradecane (C14)	8.494	8045161	49.279 ug/ml
7) T n-Hexadecane (C16)	10.101	8076991	49.003 ug/ml
8) T n-Octadecane (C18)	11.544	8248600	48.536 ug/ml
10) T n-Eicosane (C20)	12.854	7886417	46.363 ug/ml
11) T n-Heneicosane (C21)	13.466	7787335	45.499 ug/ml
13) T n-Docosane (C22)	14.052	7706282	45.136 ug/ml
14) T n-Tetracosane (C24)	15.154	7399582	43.409 ug/ml
15) T n-Hexacosane (C26)	16.175	7180017	42.946 ug/ml
16) T n-Octacosane (C28)	17.125	7044222	43.130 ug/ml
17) T n-Tricontane (C30)	18.014	6841765	45.024 ug/ml
18) T n-Dotriacontane (C32)	18.848	6614792	55.000 ug/ml
19) T n-Tetratriacontane (C34)	19.630	6652623	79.886 ug/mlm
20) T n-Hexatriacontane (C36)	20.370	6523937	111.108 ug/mlm
21) T n-Octatriacontane (C38)	21.099	6591287	131.464 ug/ml
22) T n-Tetracontane (C40)	21.988	7065916	136.825 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB146275BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

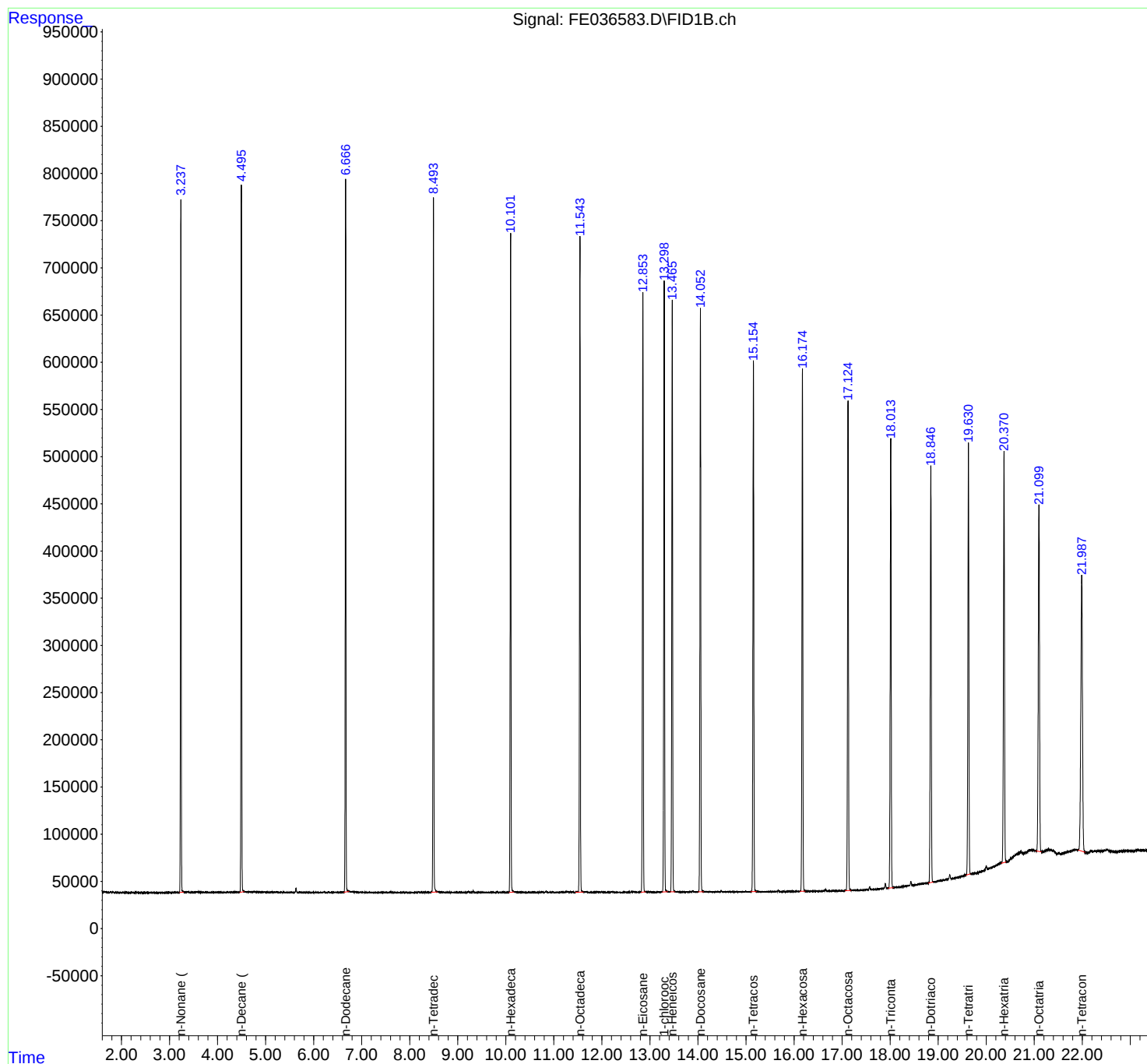
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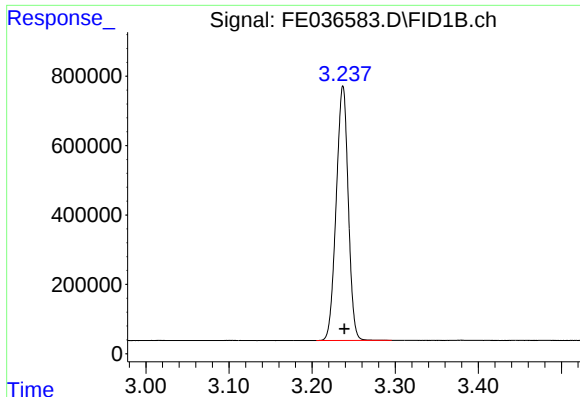
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#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 7388657
Conc: 47.93 ug/ml

Instrument :

FID_E

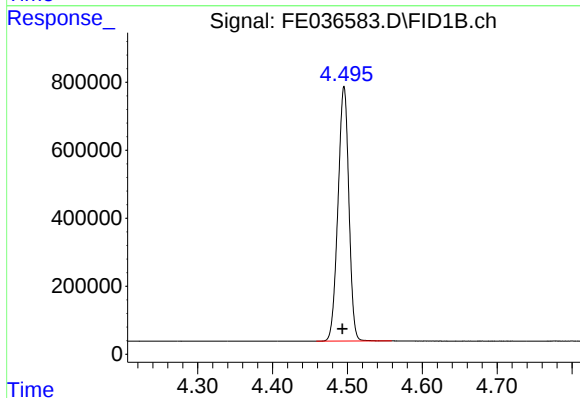
ClientSampleId :

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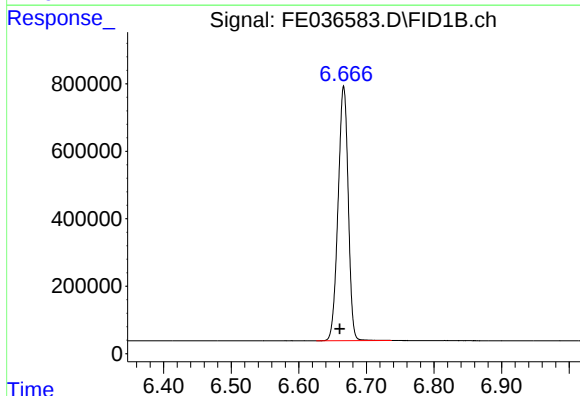
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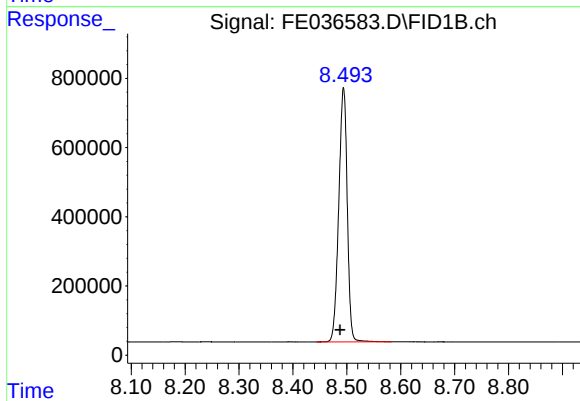
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 7561384
Conc: 49.05 ug/ml



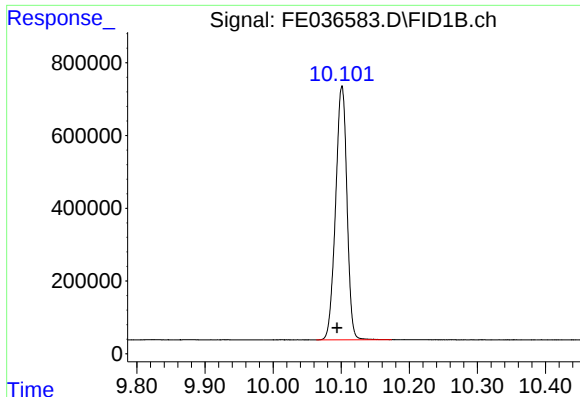
#4 n-Dodecane (C12)

R.T.: 6.666 min
Delta R.T.: 0.006 min
Response: 7838992
Conc: 49.91 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.494 min
Delta R.T.: 0.007 min
Response: 8045161
Conc: 49.28 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.101 min
Delta R.T.: 0.007 min
Response: 8076991
Conc: 49.00 ug/ml

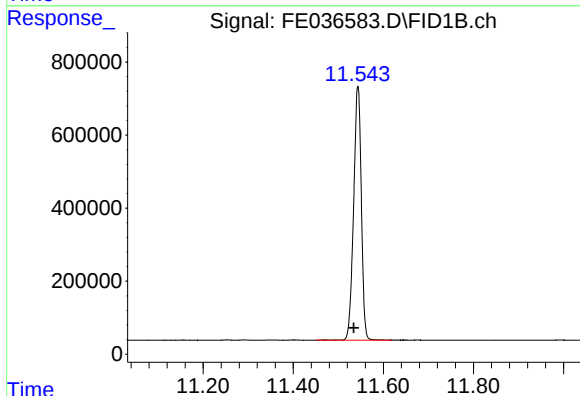
Instrument :

FID_E

ClientSampleId :
PB146275BS

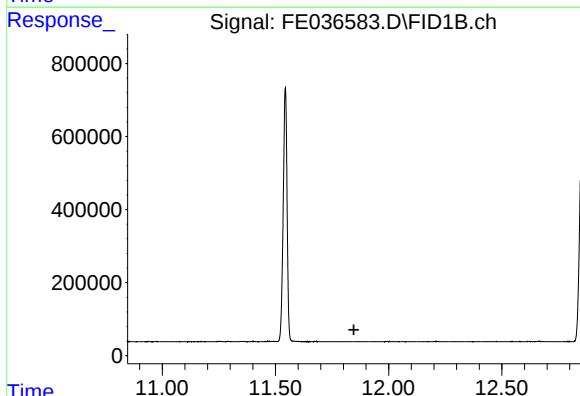
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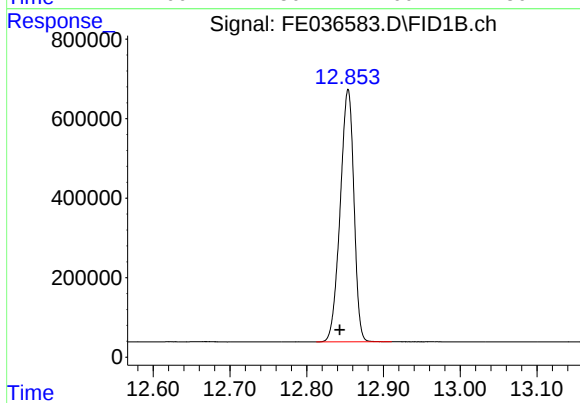
#8 n-Octadecane (C18)

R.T.: 11.544 min
Delta R.T.: 0.009 min
Response: 8248600
Conc: 48.54 ug/ml



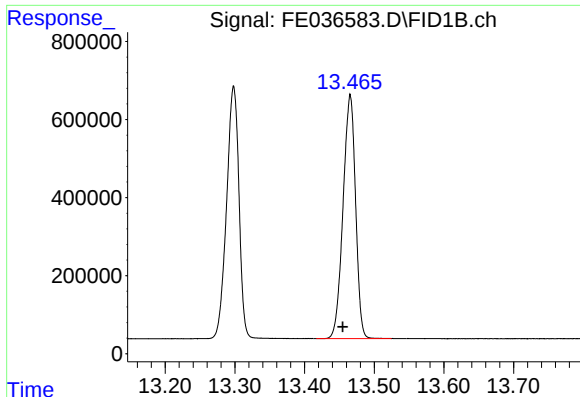
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.846 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.854 min
Delta R.T.: 0.011 min
Response: 7886417
Conc: 46.36 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.466 min
Delta R.T.: 0.011 min
Response: 7787335
Conc: 45.50 ug/ml

Instrument :

FID_E

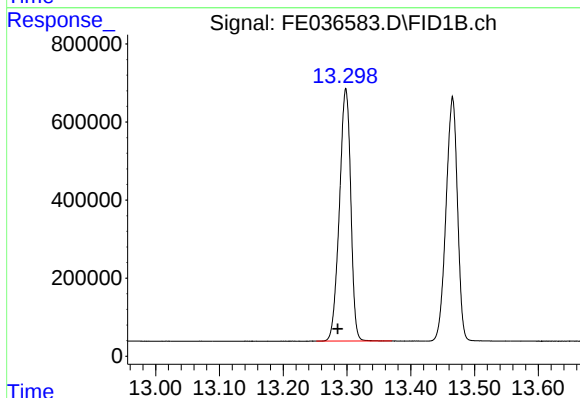
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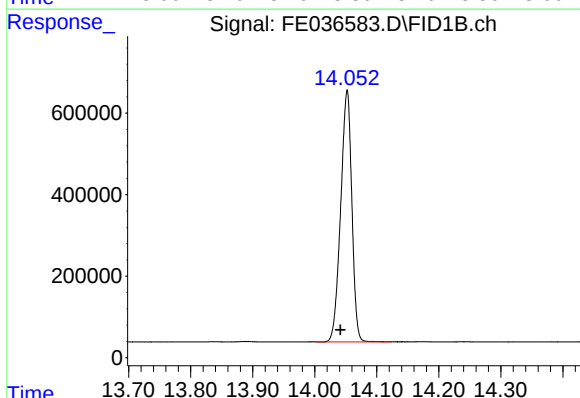
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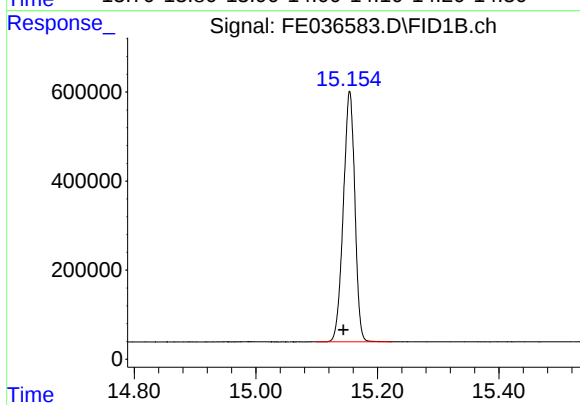
#12 1-chlorooctadecane (SURR)

R.T.: 13.298 min
Delta R.T.: 0.013 min
Response: 7980452
Conc: 52.45 ug/ml



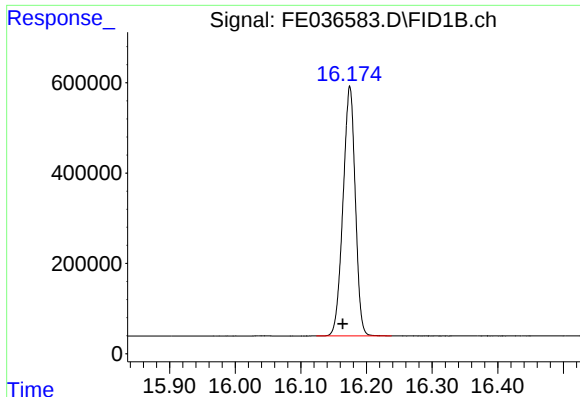
#13 n-Docosane (C22)

R.T.: 14.052 min
Delta R.T.: 0.011 min
Response: 7706282
Conc: 45.14 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.154 min
Delta R.T.: 0.011 min
Response: 7399582
Conc: 43.41 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.175 min
Delta R.T.: 0.011 min
Response: 7180017
Conc: 42.95 ug/ml

Instrument :

FID_E

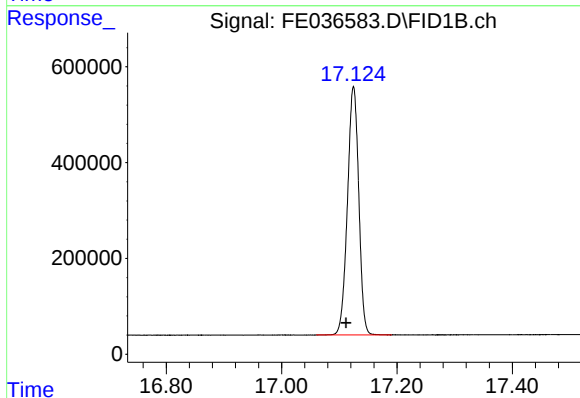
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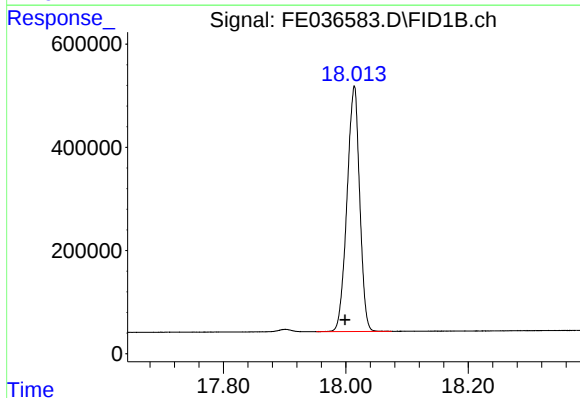
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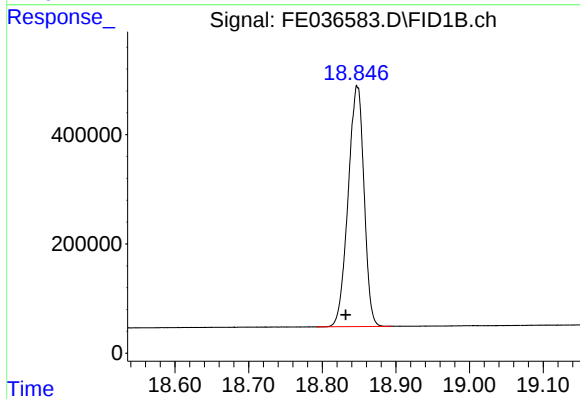
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 7044222
Conc: 43.13 ug/ml



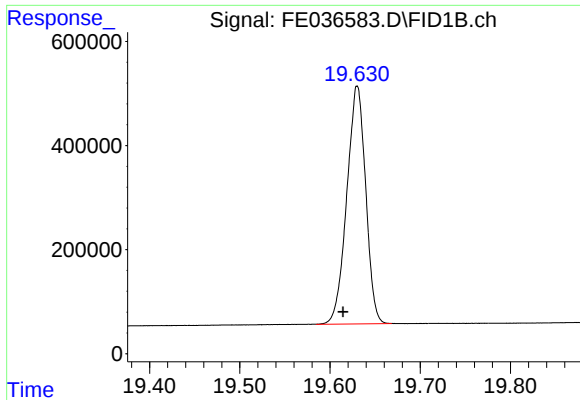
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: 0.015 min
Response: 6841765
Conc: 45.02 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.848 min
Delta R.T.: 0.016 min
Response: 6614792
Conc: 55.00 ug/ml



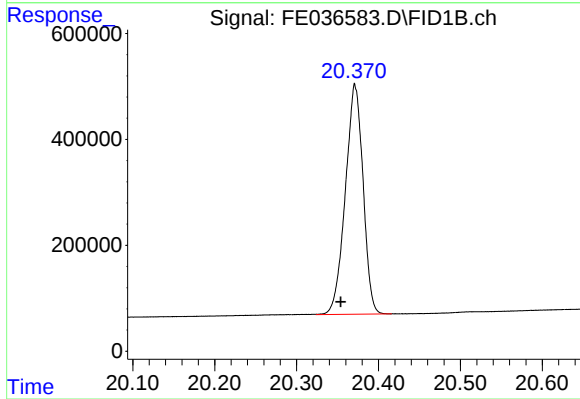
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.015 min
Response: 6652623
Conc: 79.89 ug/ml

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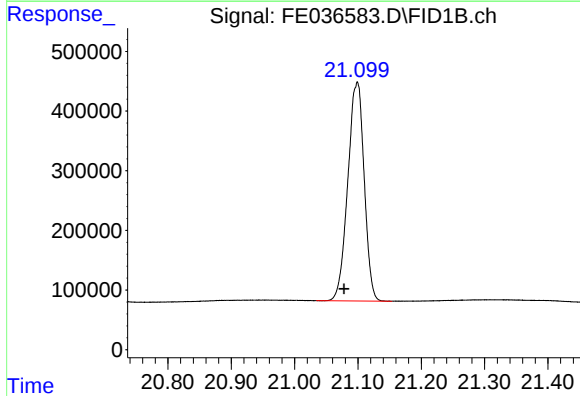
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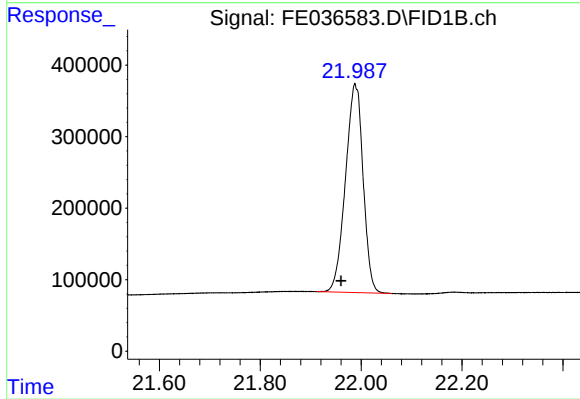
#20 n-Hexatriacontane (C36)

R.T.: 20.370 min
Delta R.T.: 0.017 min
Response: 6523937
Conc: 111.11 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.099 min
Delta R.T.: 0.021 min
Response: 6591287
Conc: 131.46 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.988 min
Delta R.T.: 0.027 min
Response: 7065916
Conc: 136.82 ug/ml