

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071922AL\
 Data File : FE036579.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jul 2022 15:17
 Operator : YP\AJ
 Sample : N3664-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 T-3MS

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 02:53:31 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...	13.297	7060088	46.404 ug/ml
Spiked Amount 50.000		Recovery =	92.81%
Target Compounds			
1) T n-Nonane (C9)	3.240	2912285	18.892 ug/ml
2) T n-Decane (C10)	4.496	3475292	22.545 ug/ml
4) T n-Dodecane (C12)	6.665	4220553	26.873 ug/ml
6) T n-Tetradecane (C14)	8.493	4584781	28.083 ug/ml
7) T n-Hexadecane (C16)	10.100	5088811	30.874 ug/ml
8) T n-Octadecane (C18)	11.543	5504363	32.388 ug/ml
10) T n-Eicosane (C20)	12.852	5365596	31.543 ug/ml
11) T n-Heneicosane (C21)	13.464	5322302	31.097 ug/ml
13) T n-Docosane (C22)	14.050	5247094	30.732 ug/ml
14) T n-Tetracosane (C24)	15.155	5086205	29.837 ug/ml
15) T n-Hexacosane (C26)	16.177	4949366	29.604 ug/ml
16) T n-Octacosane (C28)	17.126	4763102	29.163 ug/ml
17) T n-Tricontane (C30)	18.014	4593246	30.227 ug/ml
18) T n-Dotriacontane (C32)	18.847	4411045	36.676 ug/ml
19) T n-Tetratriacontane (C34)	19.631	4064600	48.808 ug/ml
20) T n-Hexatriacontane (C36)	20.372	3791160	64.567 ug/mlm
21) T n-Octatriacontane (C38)	21.098	3667138	73.141 ug/ml
22) T n-Tetracontane (C40)	21.990	3766788	72.940 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : N3664-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

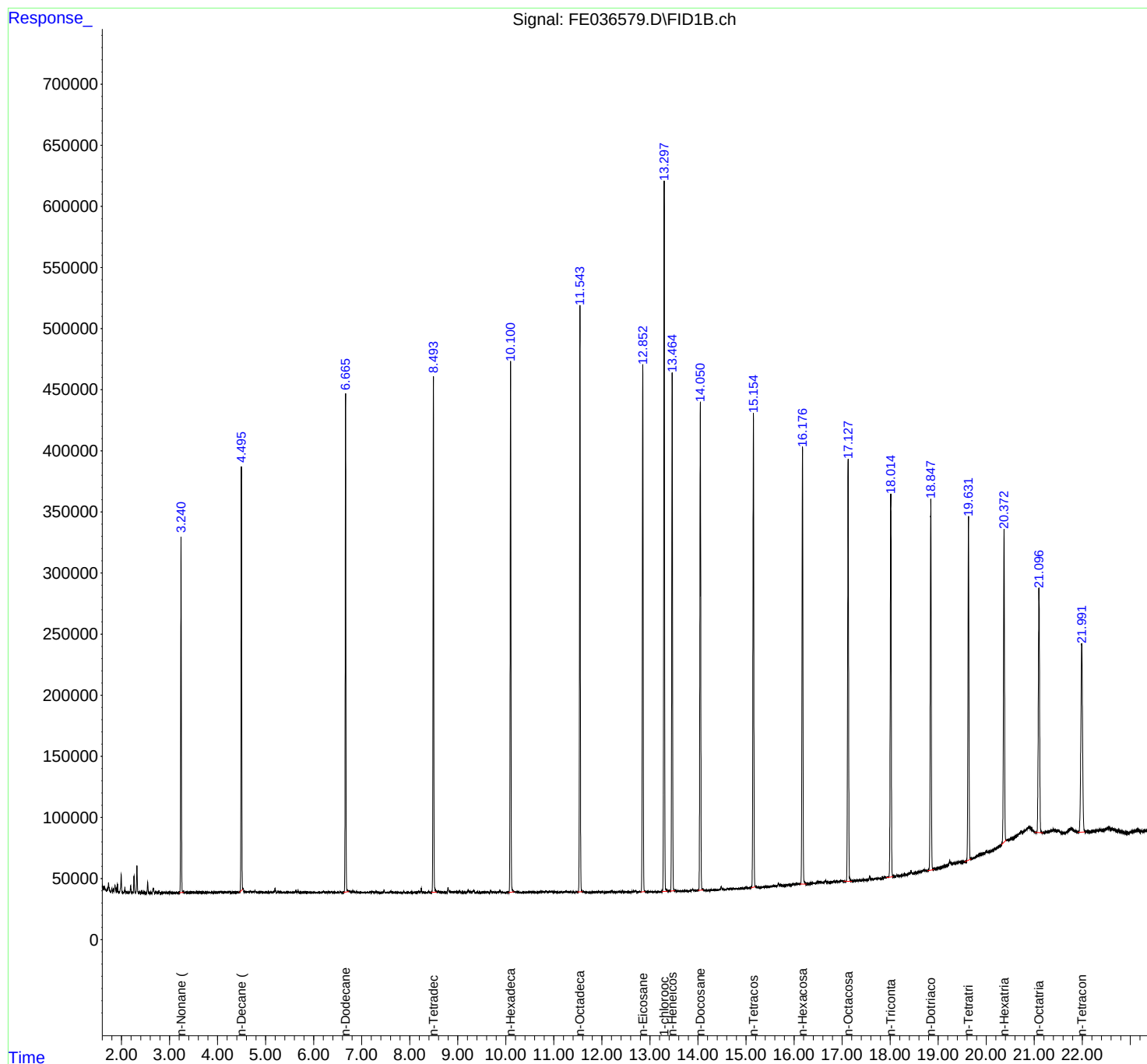
Instrument :
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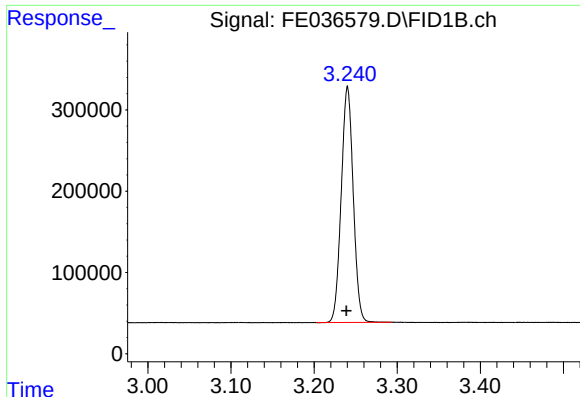
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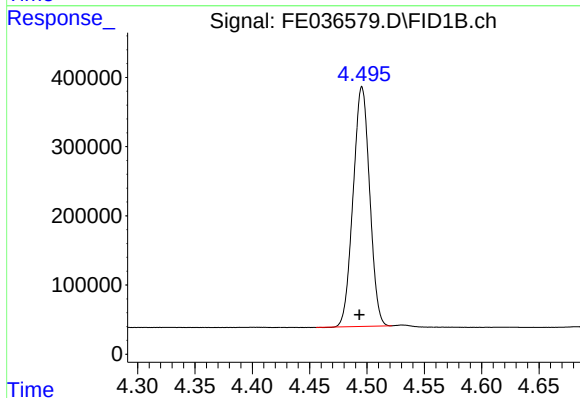
#1 n-Nonane (C9)

R.T.: 3.240 min
Delta R.T.: 0.001 min
Response: 2912285
Conc: 18.89 ug/ml

Instrument :
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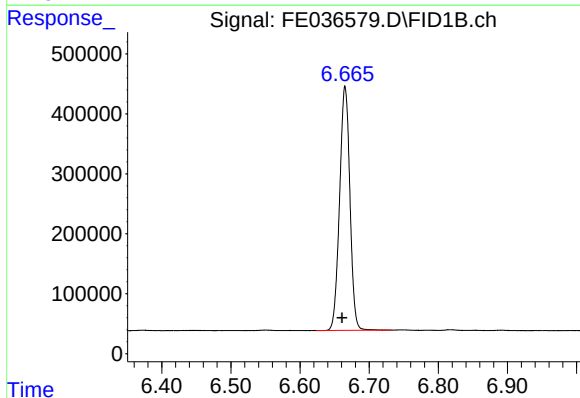
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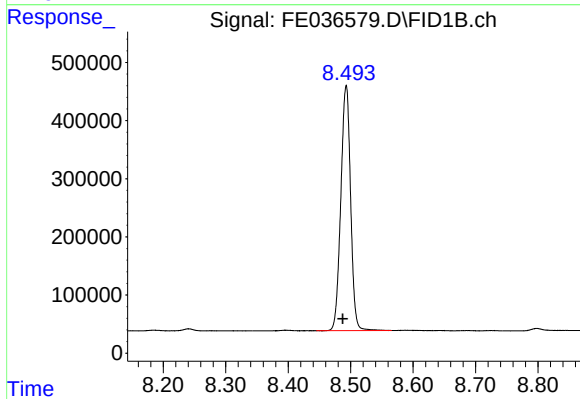
#2 n-Decane (C10)

R.T.: 4.496 min
Delta R.T.: 0.002 min
Response: 3475292
Conc: 22.55 ug/ml



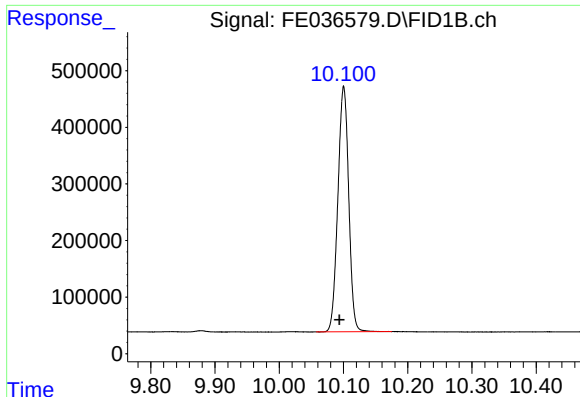
#4 n-Dodecane (C12)

R.T.: 6.665 min
Delta R.T.: 0.005 min
Response: 4220553
Conc: 26.87 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.493 min
Delta R.T.: 0.006 min
Response: 4584781
Conc: 28.08 ug/ml



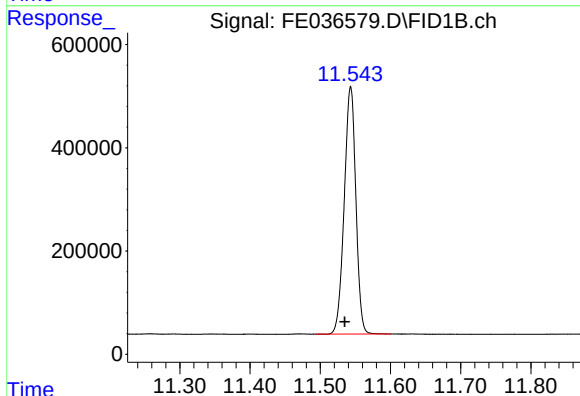
#7 n-Hexadecane (C16)

R.T.: 10.100 min
Delta R.T.: 0.007 min
Response: 5088811
Conc: 30.87 ug/ml

Instrument :
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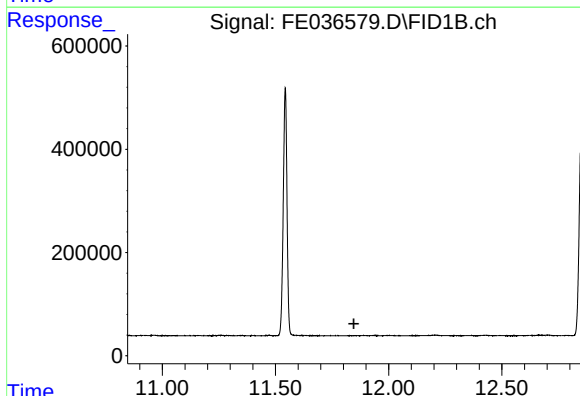
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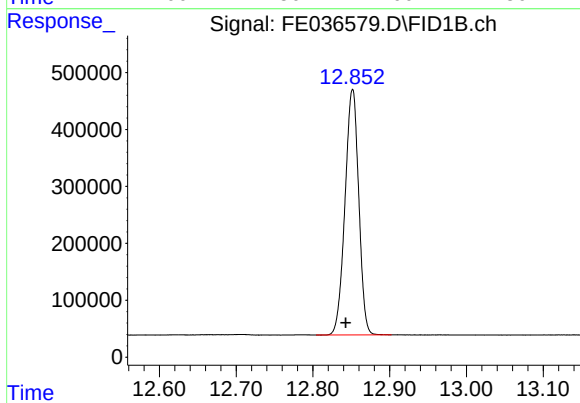
#8 n-Octadecane (C18)

R.T.: 11.543 min
Delta R.T.: 0.009 min
Response: 5504363
Conc: 32.39 ug/ml



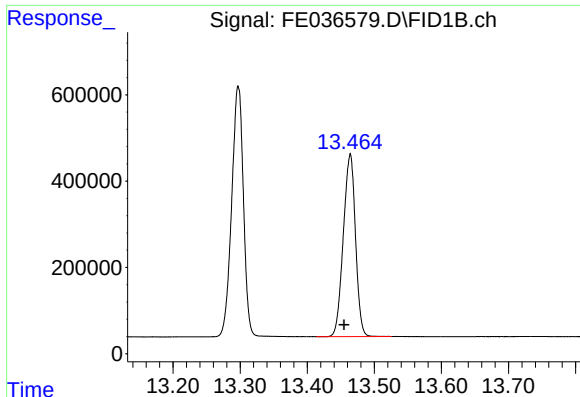
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.852 min
Delta R.T.: 0.009 min
Response: 5365596
Conc: 31.54 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.464 min
Delta R.T.: 0.009 min
Response: 5322302
Conc: 31.10 ug/ml

Instrument :

FID_E

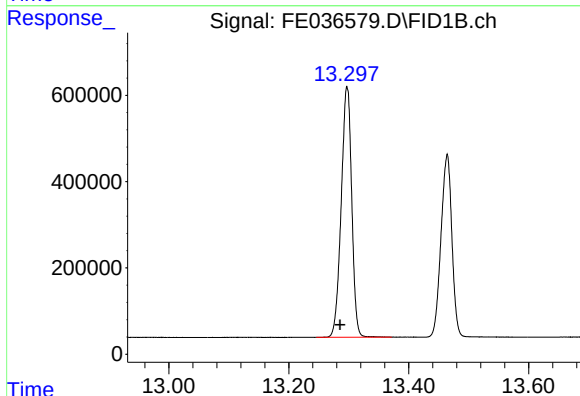
ClientSampleId :

T-3MS

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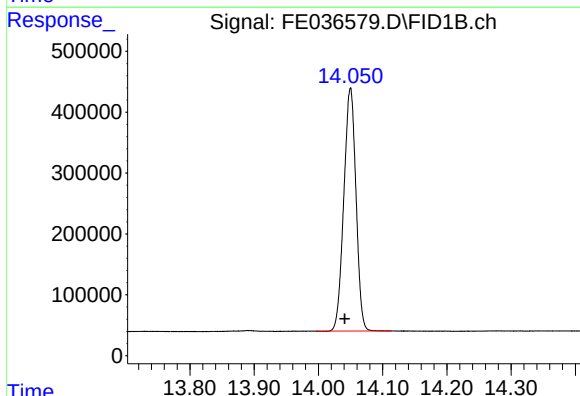
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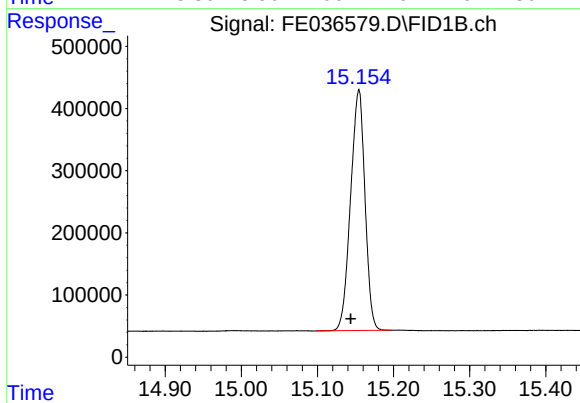
#12 1-chlorooctadecane (SURR)

R.T.: 13.297 min
Delta R.T.: 0.012 min
Response: 7060088
Conc: 46.40 ug/ml



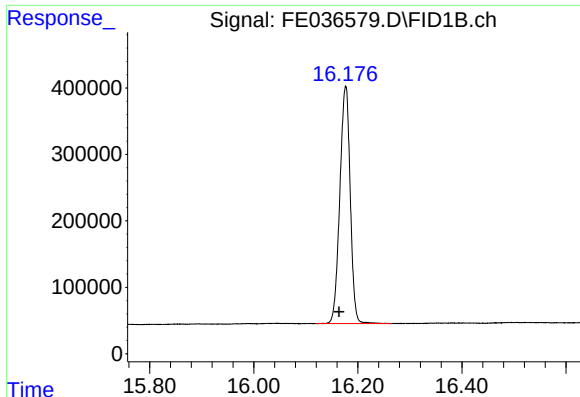
#13 n-Docosane (C22)

R.T.: 14.050 min
Delta R.T.: 0.009 min
Response: 5247094
Conc: 30.73 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.155 min
Delta R.T.: 0.011 min
Response: 5086205
Conc: 29.84 ug/ml



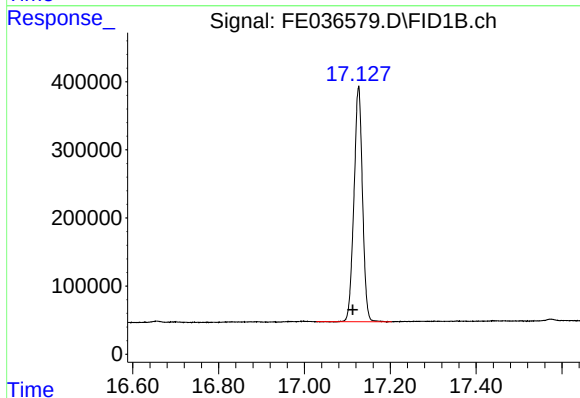
#15 n-Hexacosane (C26)

R.T.: 16.177 min
Delta R.T.: 0.013 min
Response: 4949366
Conc: 29.60 ug/ml

Instrument :
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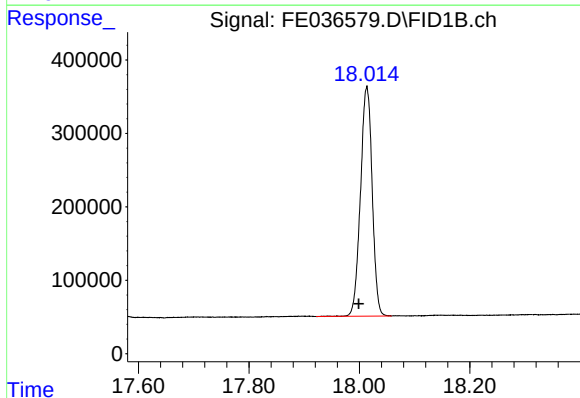
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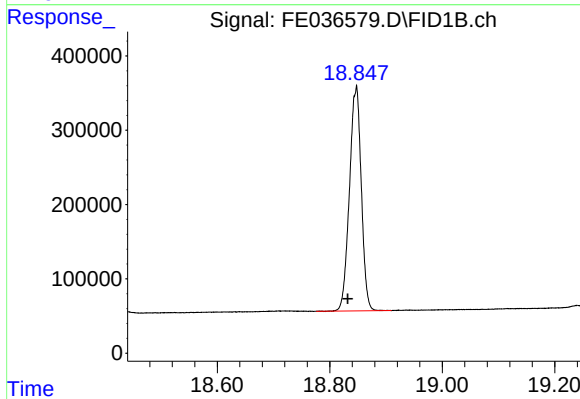
#16 n-Octacosane (C28)

R.T.: 17.126 min
Delta R.T.: 0.014 min
Response: 4763102
Conc: 29.16 ug/ml



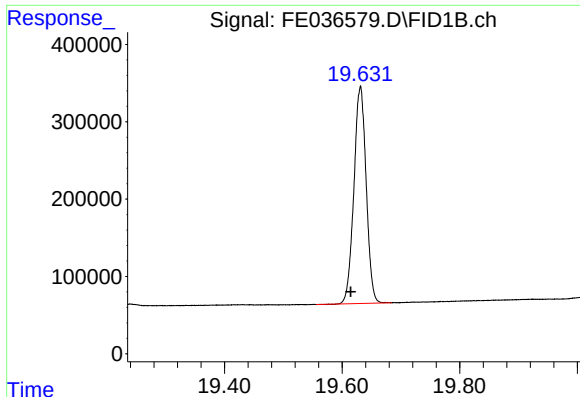
#17 n-Tricontane (C30)

R.T.: 18.014 min
Delta R.T.: 0.015 min
Response: 4593246
Conc: 30.23 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.847 min
Delta R.T.: 0.016 min
Response: 4411045
Conc: 36.68 ug/ml



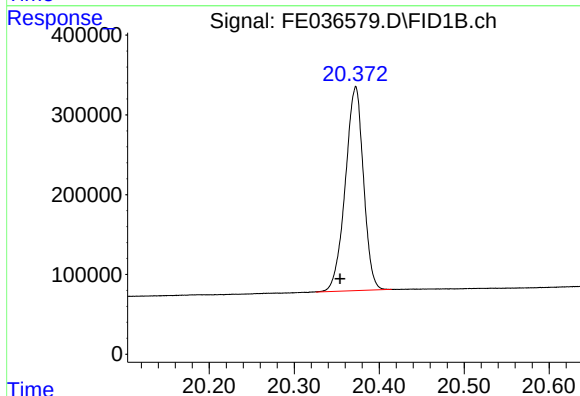
#19 n-Tetratriacontane (C34)

R.T.: 19.631 min
Delta R.T.: 0.017 min
Response: 4064600
Conc: 48.81 ug/ml

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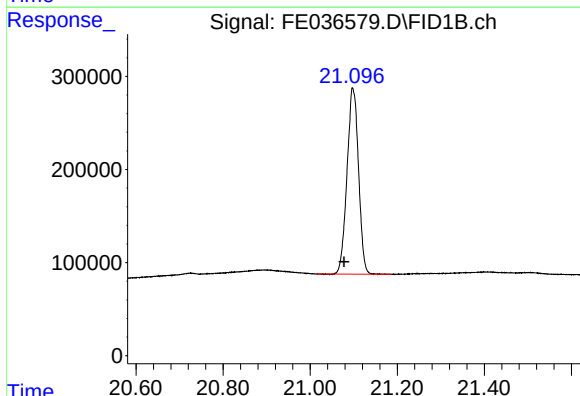
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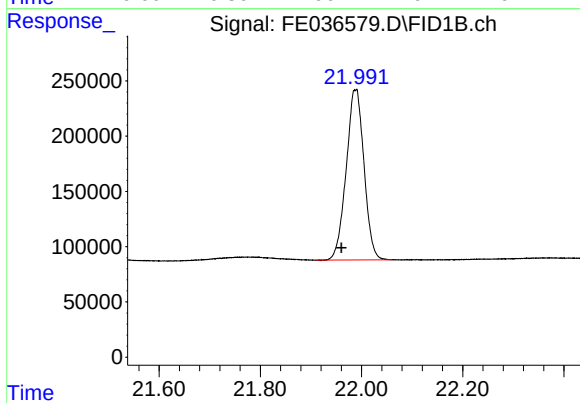
#20 n-Hexatriacontane (C36)

R.T.: 20.372 min
Delta R.T.: 0.018 min
Response: 3791160
Conc: 64.57 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: 0.019 min
Response: 3667138
Conc: 73.14 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.990 min
Delta R.T.: 0.029 min
Response: 3766788
Conc: 72.94 ug/ml