

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071624AL\
 Data File : FE049155.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2024 04:27
 Operator : YP\AJ
 Sample : PB162088BS
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

PB162088BS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 07/17/2024

Supervised By :Ankita Jodhani 07/17/2024

Integration File: autoint1.e

Quant Time: Jul 17 06:12:54 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062124.M

Quant Title : GC Extractables

QLast Update : Thu Jun 20 17:53:58 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			
12) S 1-chlorooctadecane (S...	13.352	4100682	31.890 ug/ml
Spiked Amount 50.000		Recovery =	63.78%
Target Compounds			
1) T n-Nonane (C9)	3.303	3938165	26.195 ug/ml
2) T n-Decane (C10)	4.553	4969710	32.294 ug/ml
4) T n-Dodecane (C12)	6.720	5570066	36.082 ug/ml
6) T n-Tetradecane (C14)	8.549	6249855	40.778 ug/ml
7) T n-Hexadecane (C16)	10.156	6610732	42.280 ug/ml
8) T n-Octadecane (C18)	11.599	6988467	43.818 ug/ml
10) T n-Eicosane (C20)	12.908	7142940	46.073 ug/ml
11) T n-Heneicosane (C21)	13.519	6932154	45.527 ug/ml
13) T n-Docosane (C22)	14.105	6913378	45.713 ug/ml
14) T n-Tetracosane (C24)	15.208	6934682	46.145 ug/ml
15) T n-Hexacosane (C26)	16.229	6898380	46.727 ug/ml
16) T n-Octacosane (C28)	17.176	6807033	47.200 ug/mlm
17) T n-Tricontane (C30)	18.064	6931164	47.377 ug/ml
18) T n-Dotriacontane (C32)	18.896	7064224	49.407 ug/ml
19) T n-Tetratriacontane (C34)	19.679	7249201	52.389 ug/ml
20) T n-Hexatriacontane (C36)	20.418	7345500	56.518 ug/mlm
21) T n-Octatriacontane (C38)	21.153	7660992	59.760 ug/mlm
22) T n-Tetracontane (C40)	22.061	7439166	60.748 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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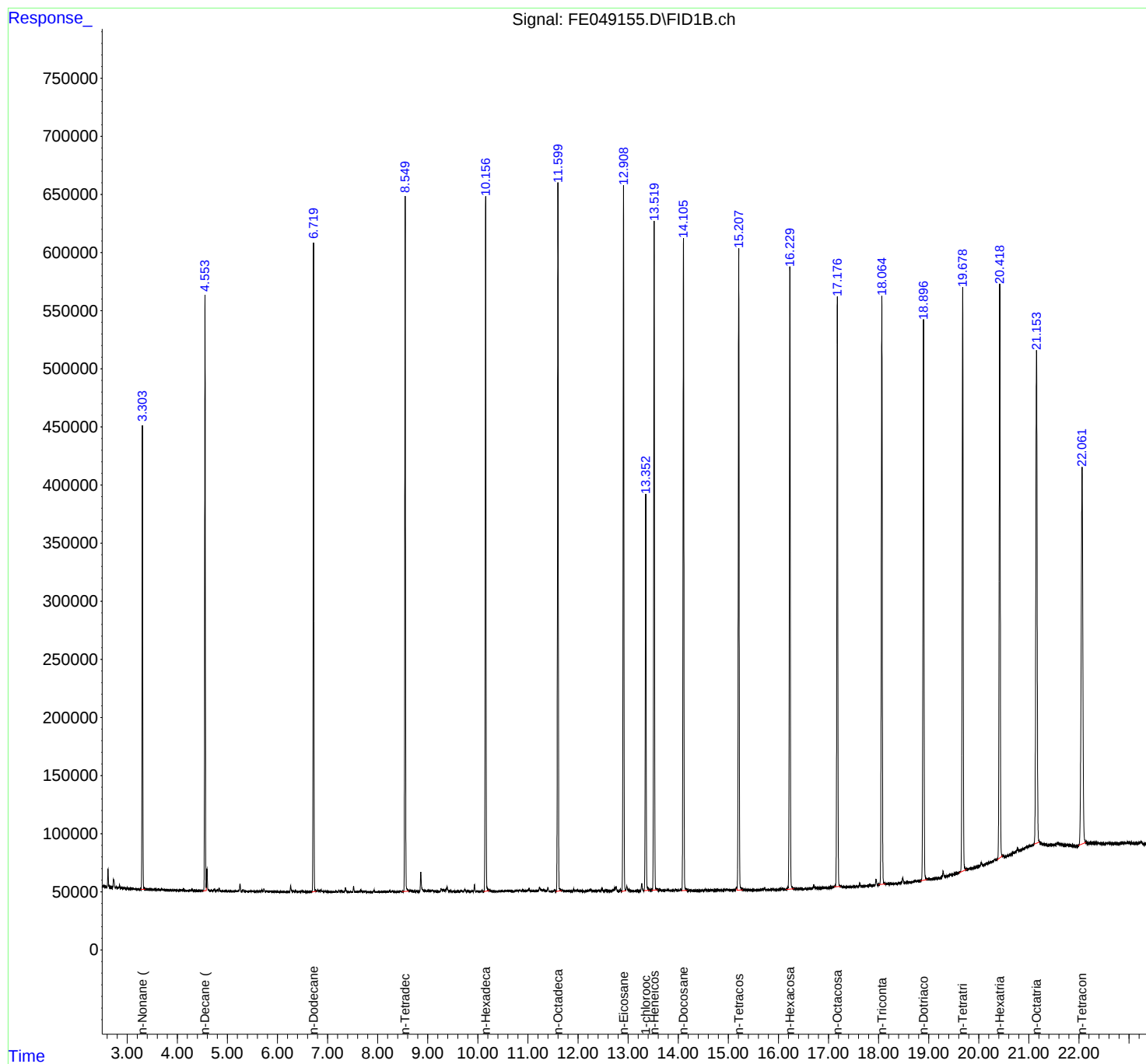
Instrument :
FID_E
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PB162088BS

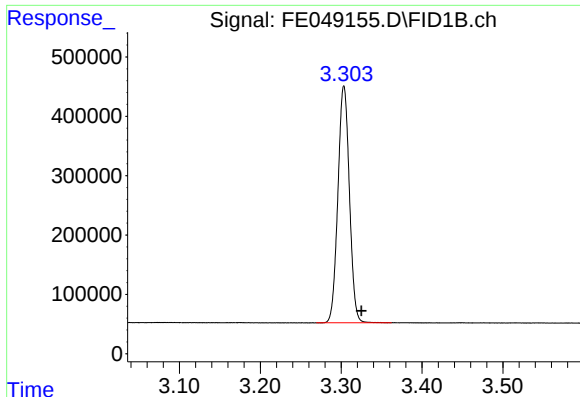
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Quant Title : GC Extractables
QLast Update : Thu Jun 20 17:53:58 2024
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.303 min
Delta R.T.: -0.022 min
Response: 3938165
Conc: 26.19 ug/ml

Instrument :

FID_E

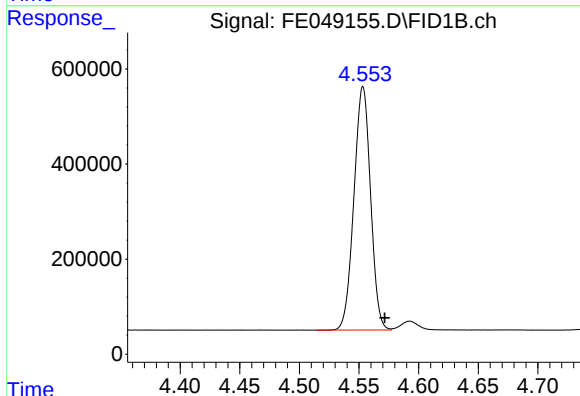
ClientSampleId :

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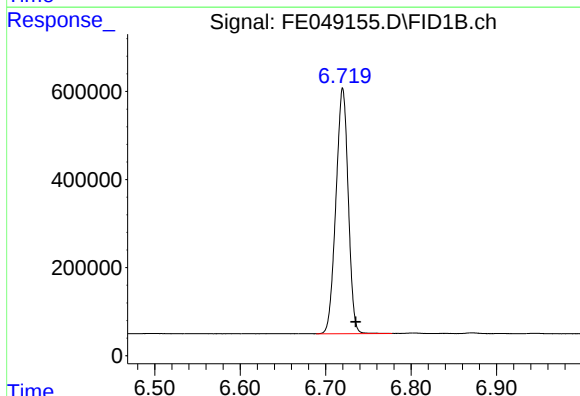
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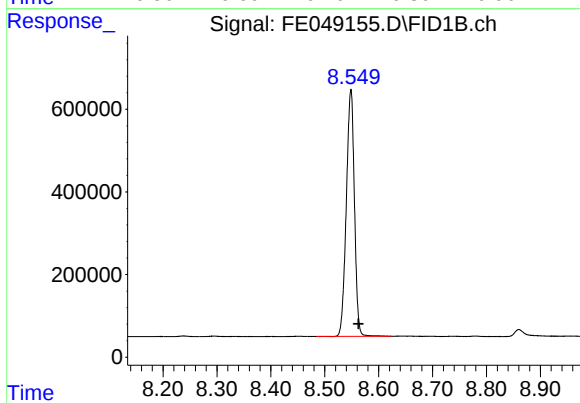
#2 n-Decane (C10)

R.T.: 4.553 min
Delta R.T.: -0.018 min
Response: 4969710
Conc: 32.29 ug/ml



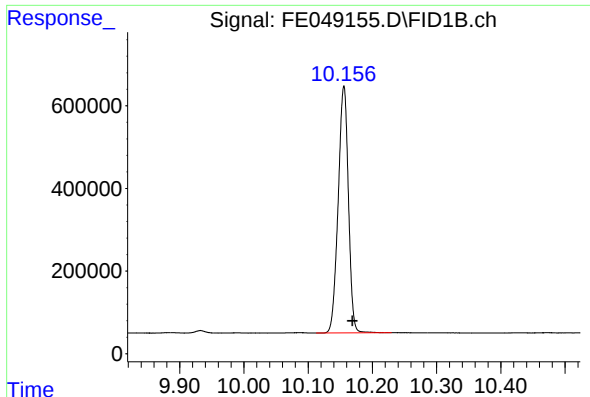
#4 n-Dodecane (C12)

R.T.: 6.720 min
Delta R.T.: -0.015 min
Response: 5570066
Conc: 36.08 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.549 min
Delta R.T.: -0.014 min
Response: 6249855
Conc: 40.78 ug/ml



#7 n-Hexadecane (C16)

R.T.: 10.156 min
Delta R.T.: -0.013 min
Response: 6610732
Conc: 42.28 ug/ml

Instrument :

FID_E

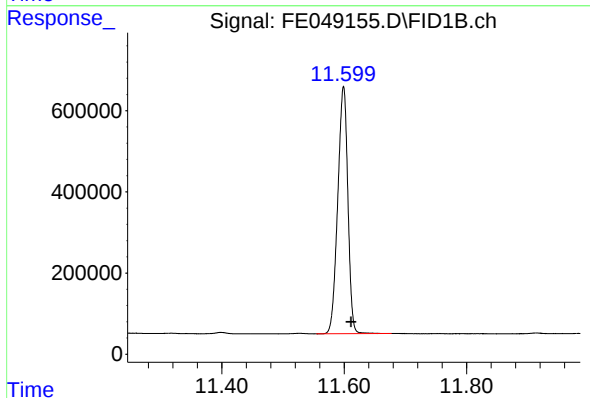
ClientSampleId :

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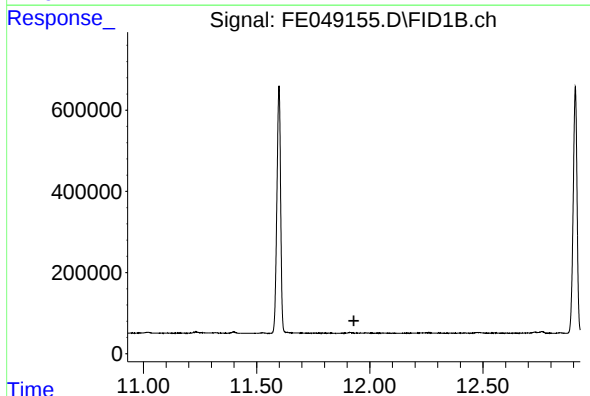
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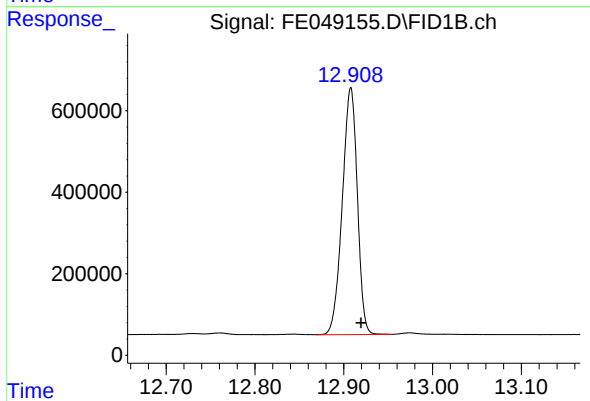
#8 n-Octadecane (C18)

R.T.: 11.599 min
Delta R.T.: -0.012 min
Response: 6988467
Conc: 43.82 ug/ml



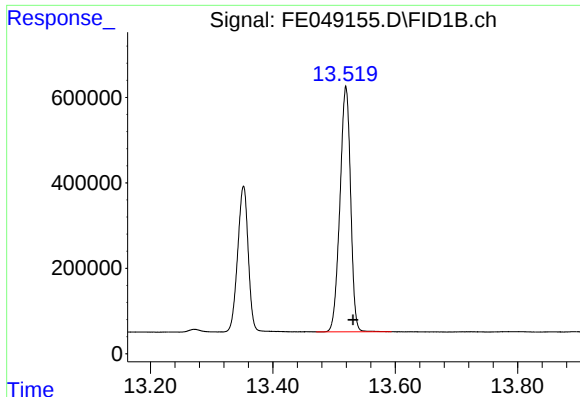
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.930 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.908 min
Delta R.T.: -0.012 min
Response: 7142940
Conc: 46.07 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.519 min
Delta R.T.: -0.012 min
Response: 6932154
Conc: 45.53 ug/ml

Instrument :

FID_E

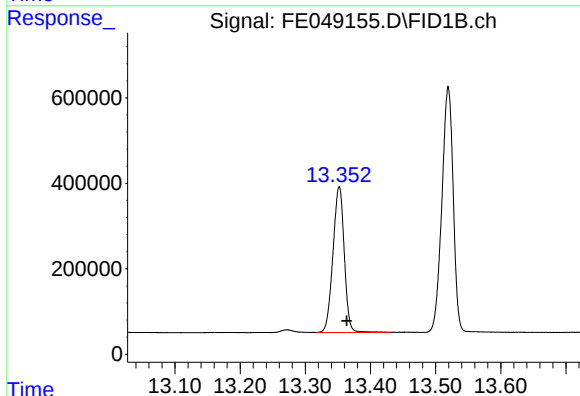
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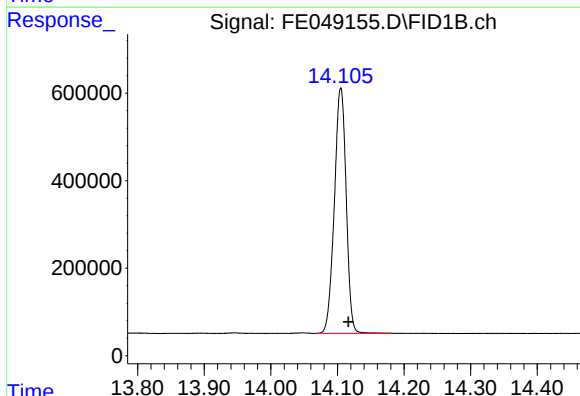
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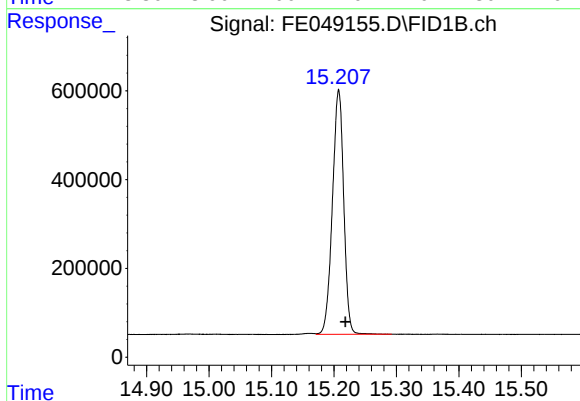
#12 1-chlorooctadecane (SURR)

R.T.: 13.352 min
Delta R.T.: -0.012 min
Response: 4100682
Conc: 31.89 ug/ml



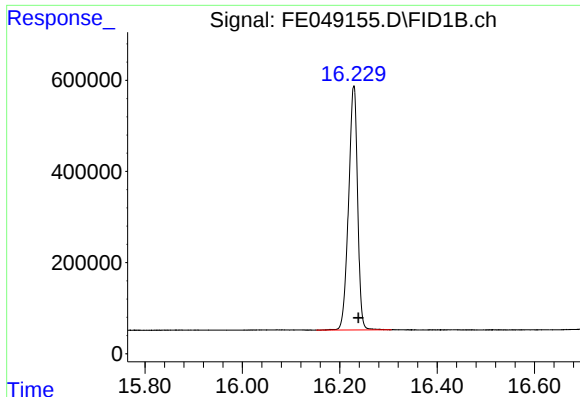
#13 n-Docosane (C22)

R.T.: 14.105 min
Delta R.T.: -0.011 min
Response: 6913378
Conc: 45.71 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.208 min
Delta R.T.: -0.011 min
Response: 6934682
Conc: 46.15 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.229 min
Delta R.T.: -0.009 min
Response: 6898380
Conc: 46.73 ug/ml

Instrument :

FID_E

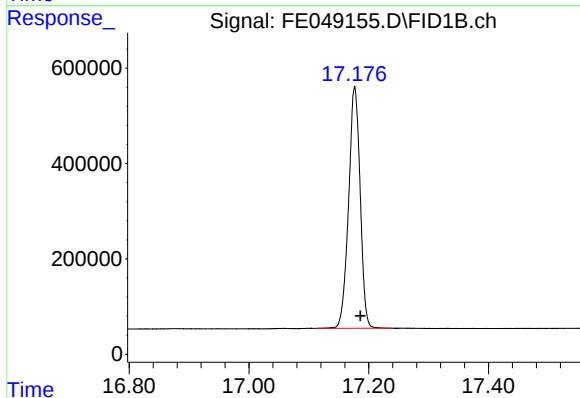
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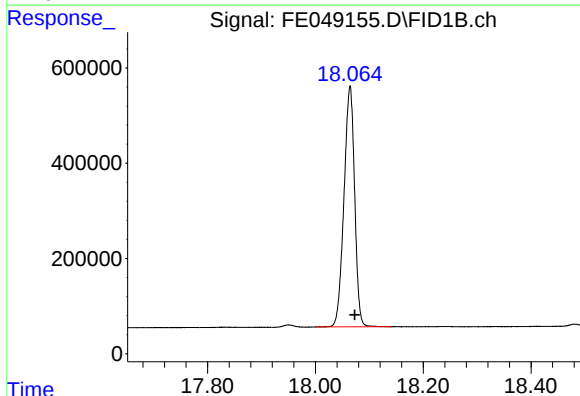
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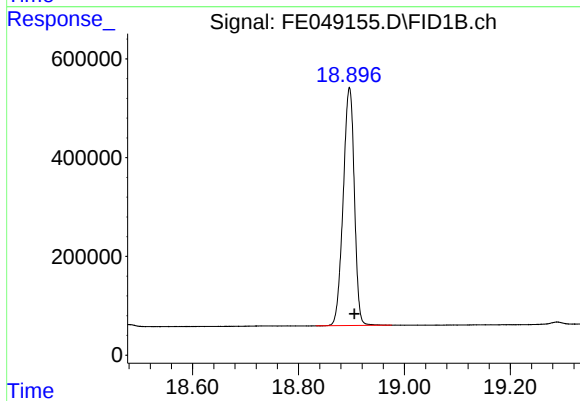
#16 n-Octacosane (C28)

R.T.: 17.176 min
Delta R.T.: -0.010 min
Response: 6807033
Conc: 47.20 ug/ml m



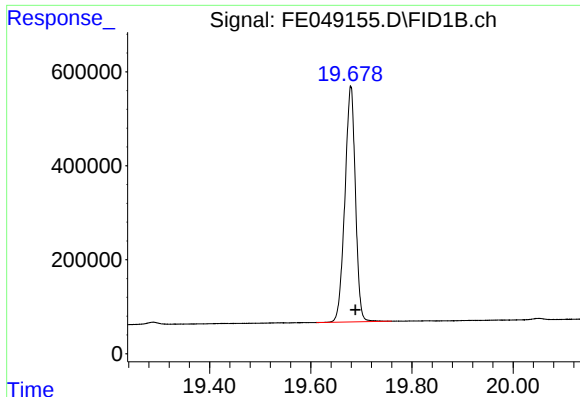
#17 n-Tricontane (C30)

R.T.: 18.064 min
Delta R.T.: -0.009 min
Response: 6931164
Conc: 47.38 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.896 min
Delta R.T.: -0.009 min
Response: 7064224
Conc: 49.41 ug/ml



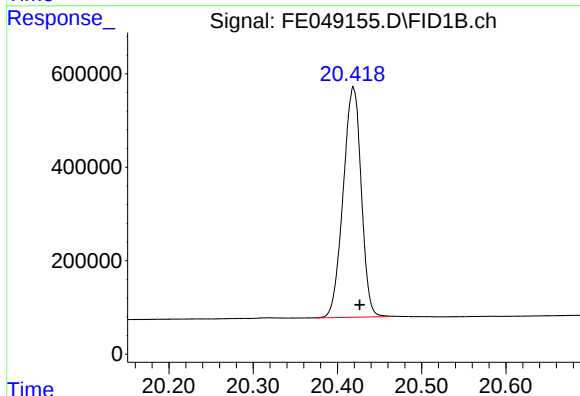
#19 n-Tetratriacontane (C34)

R.T.: 19.679 min
Delta R.T.: -0.009 min
Response: 7249201
Conc: 52.39 ug/ml

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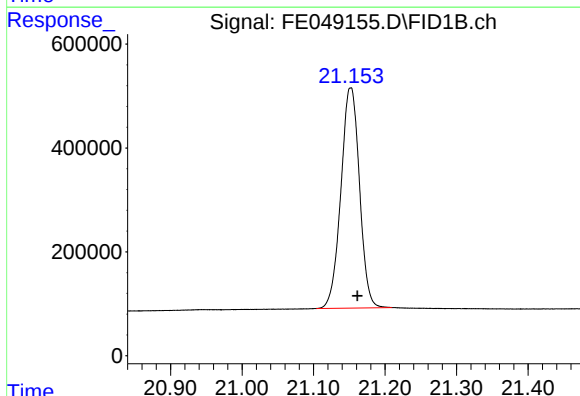
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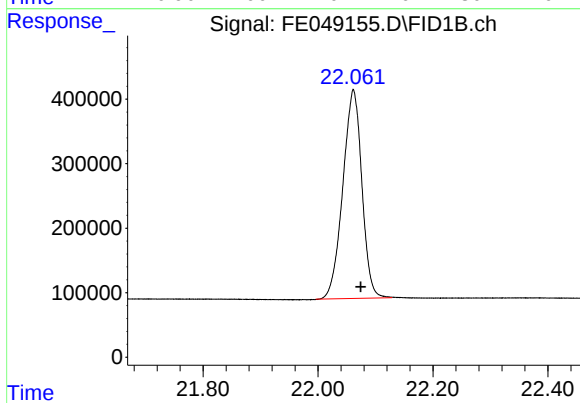
#20 n-Hexatriacontane (C36)

R.T.: 20.418 min
Delta R.T.: -0.008 min
Response: 7345500
Conc: 56.52 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.153 min
Delta R.T.: -0.008 min
Response: 7660992
Conc: 59.76 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: -0.013 min
Response: 7439166
Conc: 60.75 ug/ml m