

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE072022AL\
 Data File : FE036591.D
 Signal(s) : FID1B.ch
 Acq On : 20 Jul 2022 11:12
 Operator : YP\AJ
 Sample : PB146275BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB146275BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/21/2022
 Supervised By :Ankita Jodhani 07/21/2022

Integration File: autoint1.e
 Quant Time: Jul 21 01:11:44 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...	13.295	7000158	46.010 ug/ml
Spiked Amount 50.000		Recovery =	92.02%
Target Compounds			
1) T n-Nonane (C9)	3.237	3019759	19.589 ug/ml
2) T n-Decane (C10)	4.492	3619620	23.481 ug/ml
4) T n-Dodecane (C12)	6.662	4392422	27.967 ug/ml
6) T n-Tetradecane (C14)	8.490	4742671	29.050 ug/ml
7) T n-Hexadecane (C16)	10.098	5283319	32.054 ug/ml
8) T n-Octadecane (C18)	11.540	5687784	33.467 ug/ml
10) T n-Eicosane (C20)	12.850	5525462	32.483 ug/ml
11) T n-Heneicosane (C21)	13.462	5471102	31.966 ug/ml
13) T n-Docosane (C22)	14.048	5388437	31.560 ug/ml
14) T n-Tetracosane (C24)	15.151	5223174	30.641 ug/ml
15) T n-Hexacosane (C26)	16.174	5070292	30.327 ug/ml
16) T n-Octacosane (C28)	17.125	4892778	29.957 ug/ml
17) T n-Tricontane (C30)	18.012	4724832	31.093 ug/ml
18) T n-Dotriacontane (C32)	18.845	4561259	37.925 ug/ml
19) T n-Tetratriacontane (C34)	19.630	4207349	50.523 ug/ml
20) T n-Hexatriacontane (C36)	20.368	3943067	67.154 ug/mlm
21) T n-Octatriacontane (C38)	21.096	3763961	75.073 ug/ml
22) T n-Tetracontane (C40)	21.984	3886469	75.258 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB146275BSD
Misc :
ALS Vial : 4 Sample Multiplier: 1

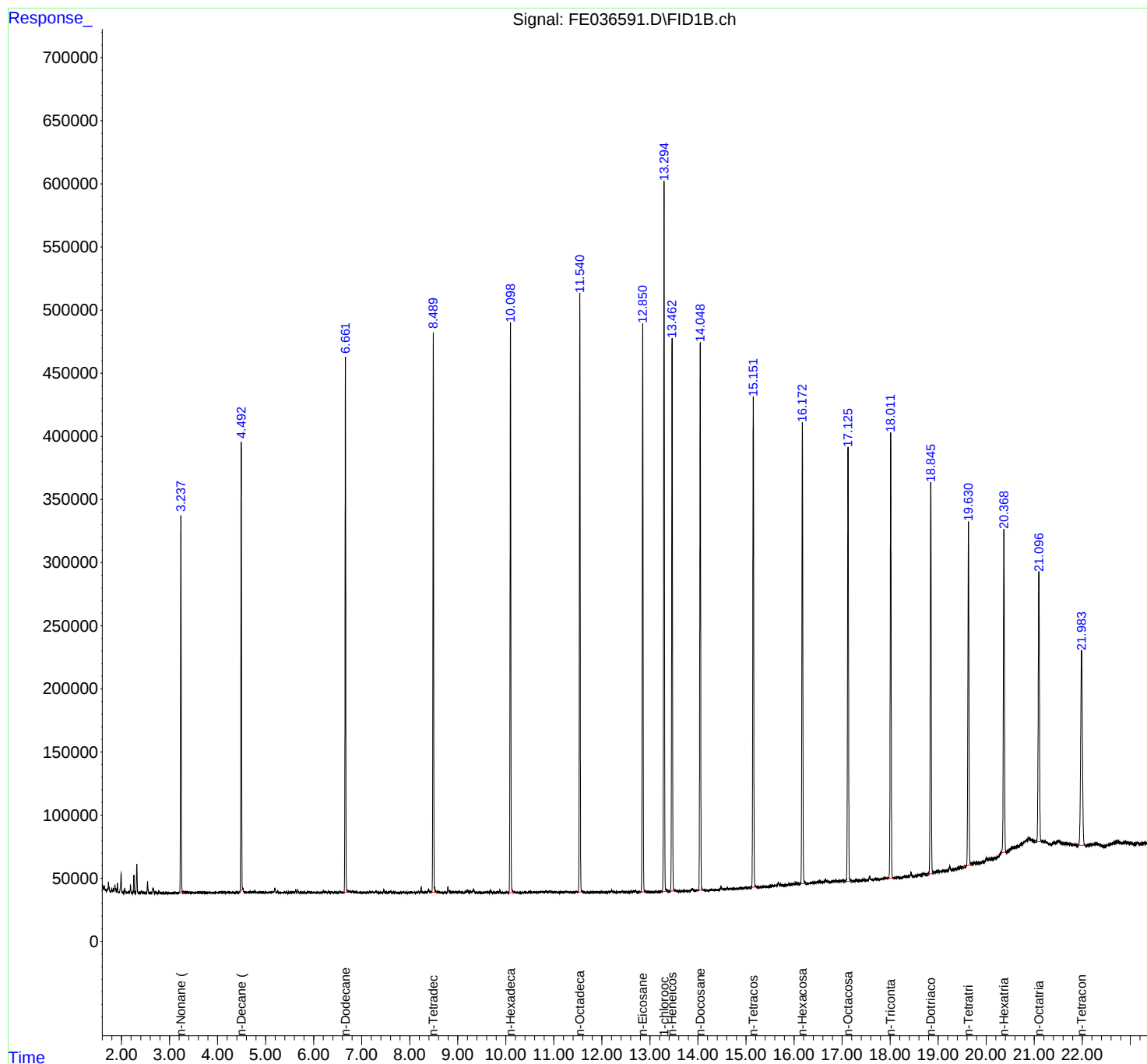
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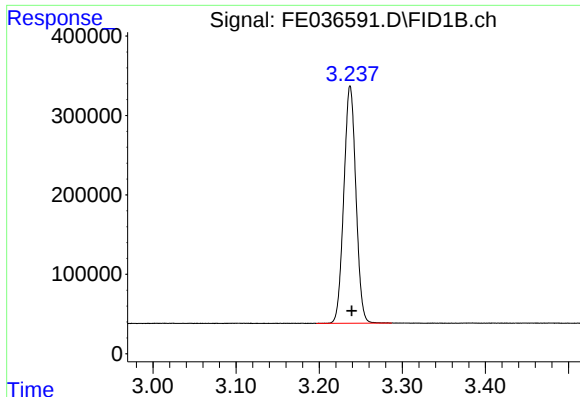
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.237 min
Delta R.T.: -0.002 min
Response: 3019759
Conc: 19.59 ug/ml

Instrument :

FID_E

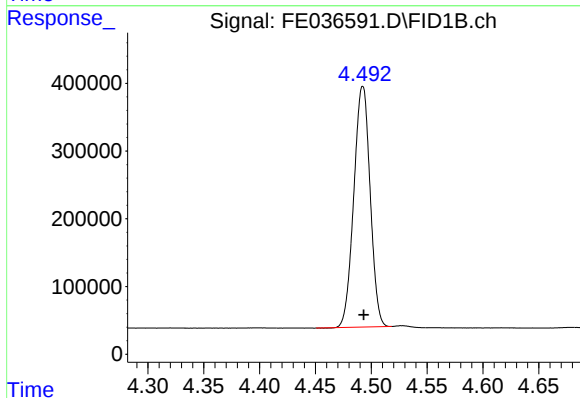
ClientSampleId :

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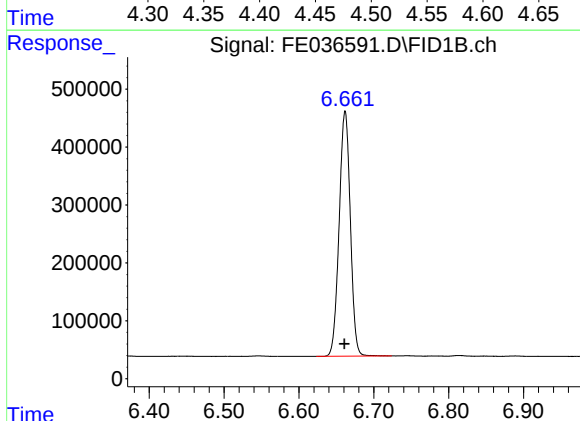
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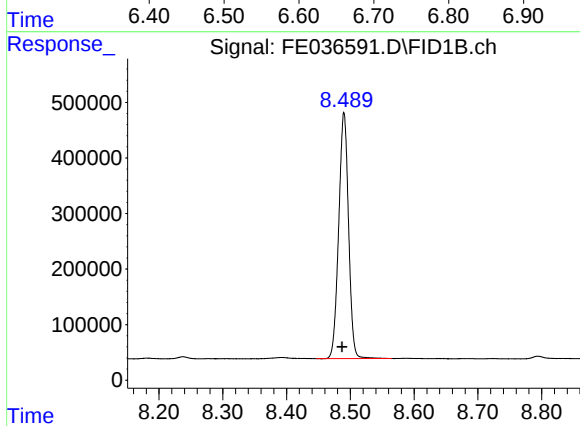
#2 n-Decane (C10)

R.T.: 4.492 min
Delta R.T.: 0.000 min
Response: 3619620
Conc: 23.48 ug/ml



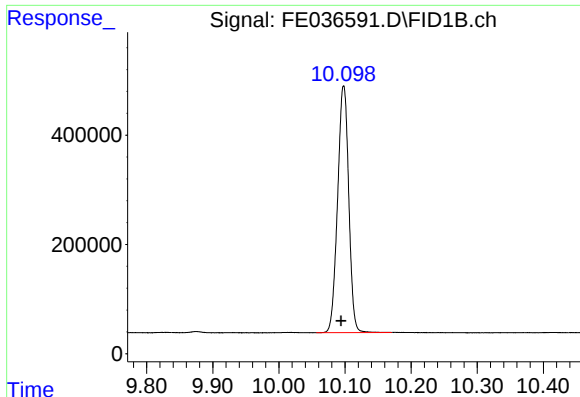
#4 n-Dodecane (C12)

R.T.: 6.662 min
Delta R.T.: 0.001 min
Response: 4392422
Conc: 27.97 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.490 min
Delta R.T.: 0.003 min
Response: 4742671
Conc: 29.05 ug/ml



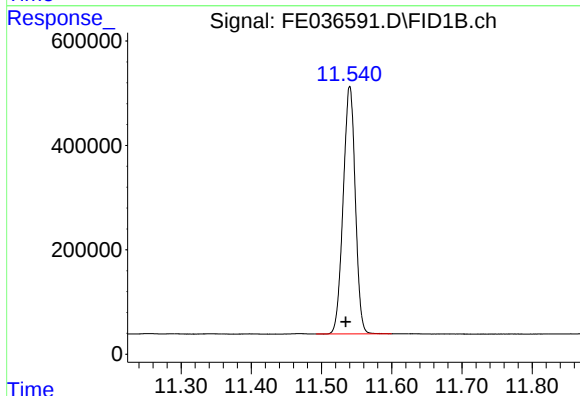
#7 n-Hexadecane (C16)

R.T.: 10.098 min
Delta R.T.: 0.004 min
Response: 5283319
Conc: 32.05 ug/ml

Instrument :
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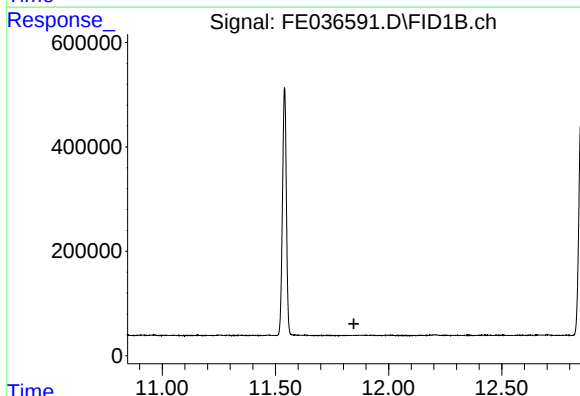
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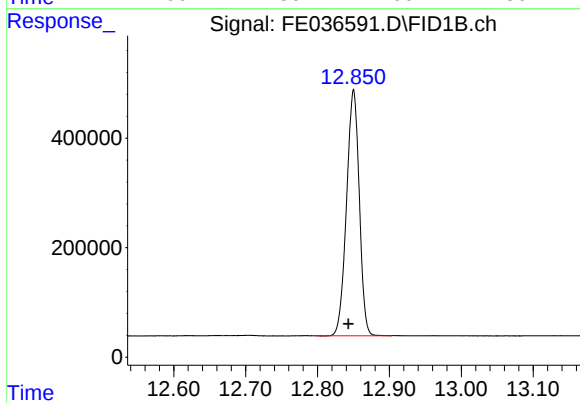
#8 n-Octadecane (C18)

R.T.: 11.540 min
Delta R.T.: 0.006 min
Response: 5687784
Conc: 33.47 ug/ml



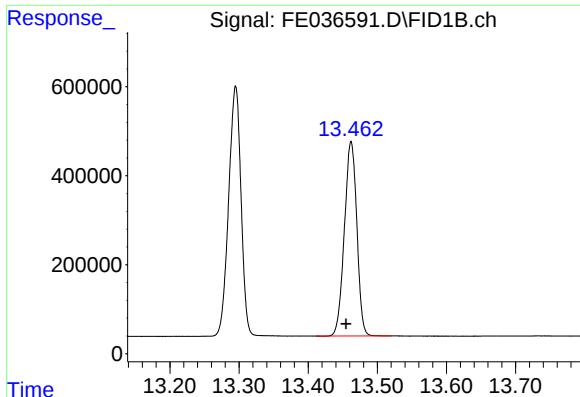
#9 ortho-Terphenyl (SURR)

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



#10 n-Eicosane (C20)

R.T.: 12.850 min
Delta R.T.: 0.007 min
Response: 5525462
Conc: 32.48 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.462 min
Delta R.T.: 0.007 min
Response: 5471102
Conc: 31.97 ug/ml

Instrument :

FID_E

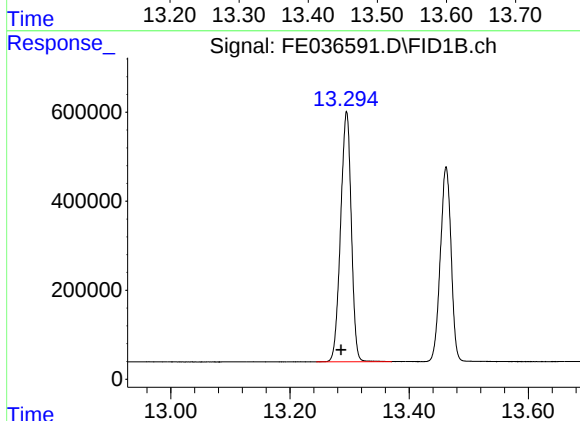
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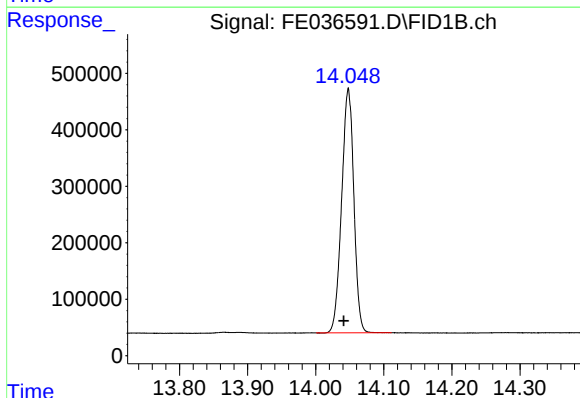
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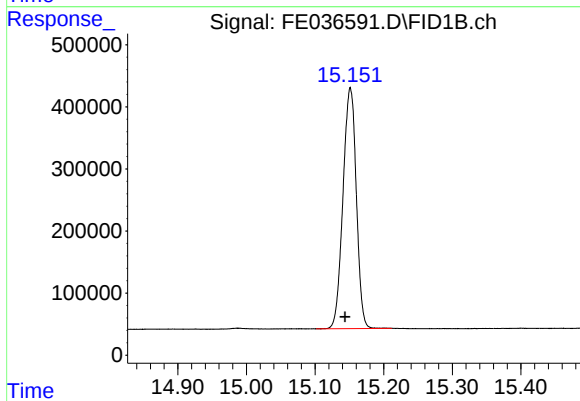
#12 1-chlorooctadecane (SURR)

R.T.: 13.295 min
Delta R.T.: 0.010 min
Response: 7000158
Conc: 46.01 ug/ml



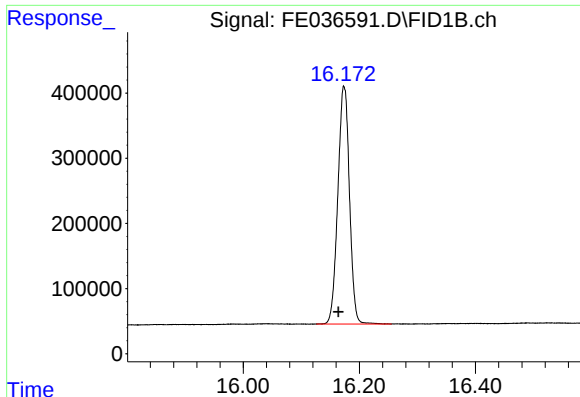
#13 n-Docosane (C22)

R.T.: 14.048 min
Delta R.T.: 0.007 min
Response: 5388437
Conc: 31.56 ug/ml



#14 n-Tetracosane (C24)

R.T.: 15.151 min
Delta R.T.: 0.008 min
Response: 5223174
Conc: 30.64 ug/ml



#15 n-Hexacosane (C26)

R.T.: 16.174 min
Delta R.T.: 0.010 min
Response: 5070292
Conc: 30.33 ug/ml

Instrument :

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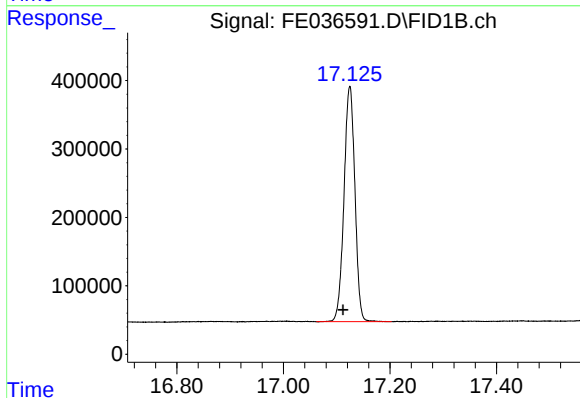
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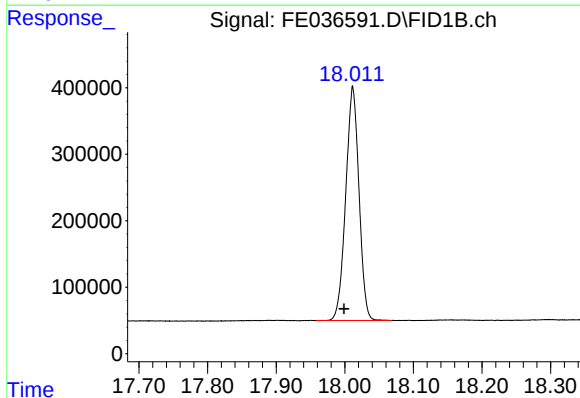
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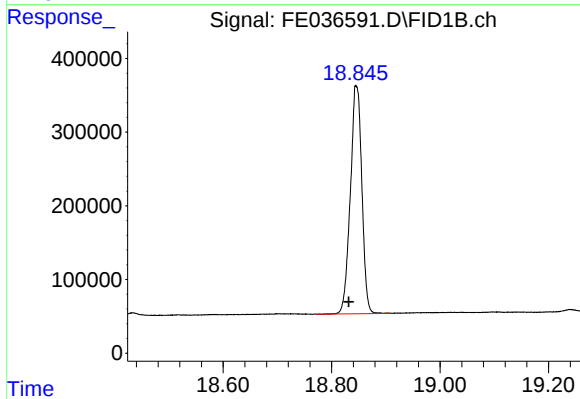
#16 n-Octacosane (C28)

R.T.: 17.125 min
Delta R.T.: 0.013 min
Response: 4892778
Conc: 29.96 ug/ml



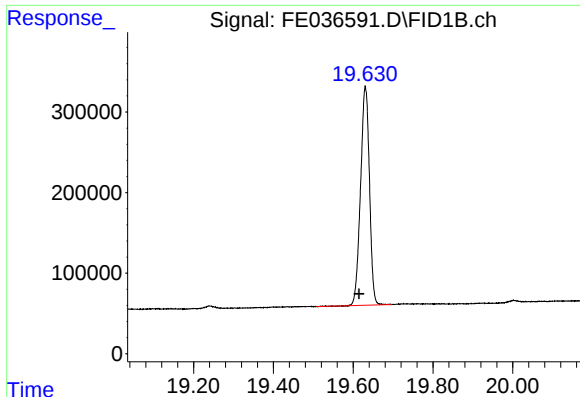
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: 0.013 min
Response: 4724832
Conc: 31.09 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: 0.014 min
Response: 4561259
Conc: 37.93 ug/ml



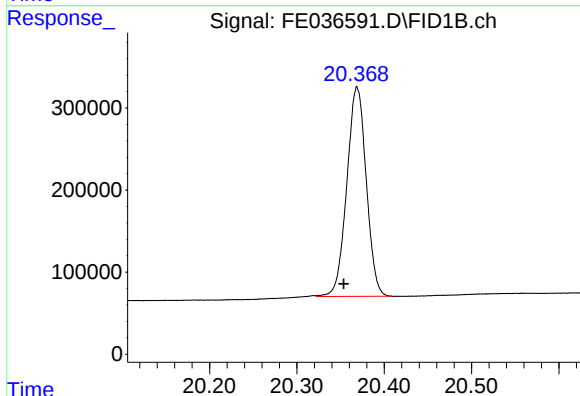
#19 n-Tetratriacontane (C34)

R.T.: 19.630 min
Delta R.T.: 0.016 min
Response: 4207349
Conc: 50.52 ug/ml

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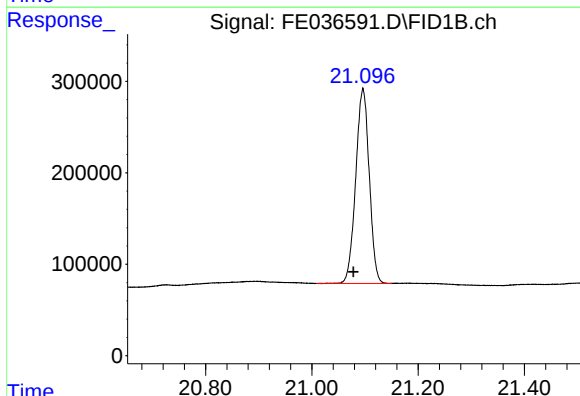
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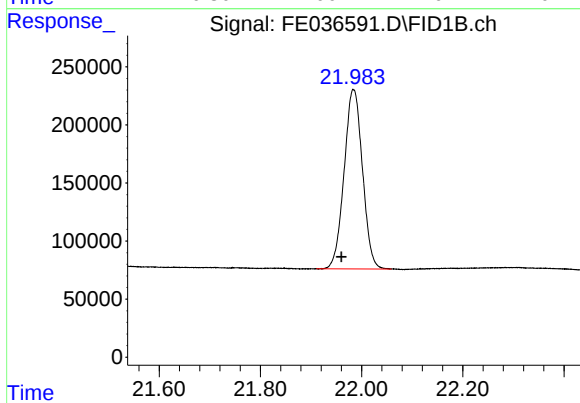
#20 n-Hexatriacontane (C36)

R.T.: 20.368 min
Delta R.T.: 0.015 min
Response: 3943067
Conc: 67.15 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.096 min
Delta R.T.: 0.018 min
Response: 3763961
Conc: 75.07 ug/ml



#22 n-Tetracontane (C40)

R.T.: 21.984 min
Delta R.T.: 0.024 min
Response: 3886469
Conc: 75.26 ug/ml