

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036265.D
 Signal(s) : FID1B.ch
 Acq On : 28 Jun 2022 17:15
 Operator : YP\AJ
 Sample : N3516-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 R-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 06/29/2022
 Supervised By :Ankita Jodhani 06/29/2022

Integration File: autoint1.e
 Quant Time: Jun 29 08:10:47 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 062022.M
 Quant Title : GC Extractables
 QLast Update : Tue Jun 21 03:08:45 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			
9) S ortho-Terphenyl (SURR)	11.883	7578315	37.931 ug/ml
Spiked Amount 50.000		Recovery =	75.86%
12) S 1-chlorooctadecane (S...	13.320	5944401	38.396 ug/ml
Spiked Amount 50.000		Recovery =	76.79%
Target Compounds			
1) T n-Nonane (C9)	3.274	8538490	47.473 ug/ml
2) T n-Decane (C10)	4.529	9869232	54.903 ug/ml
3) T A~Naphthalene (C11.7)	6.229	11590928	57.771 ug/ml
4) T n-Dodecane (C12)	6.694	10499720	56.687 ug/ml
5) T A~2-methylnaphthalene...	7.325	11946180	58.683 ug/ml
6) T n-Tetradecane (C14)	8.523	11441217	61.198 ug/ml
7) T n-Hexadecane (C16)	10.129	12808788	68.397 ug/ml
8) T n-Octadecane (C18)	11.571	13795375	74.152 ug/ml
10) T n-Eicosane (C20)	12.880	13350966	73.696 ug/ml
11) T n-Heneicosane (C21)	13.491	13173819	73.339 ug/ml
13) T n-Docosane (C22)	14.078	12988122	73.462 ug/ml
14) T n-Tetracosane (C24)	15.171	25383801	148.205 ug/ml
15) T n-Hexacosane (C26)	16.203	12319666	74.565 ug/ml
16) T n-Octacosane (C28)	17.151	11926880	74.508 ug/ml
17) T n-Tricontane (C30)	18.043	11525746	74.446 ug/ml
18) T n-Dotriacontane (C32)	18.872	11880026	81.294 ug/ml
19) T n-Tetratriacontane (C34)	19.654	11331698	81.887 ug/mlm
20) T n-Hexatriacontane (C36)	20.394	10839632	80.743 ug/mlm
21) T n-Octatriacontane (C38)	21.125	10543376	79.280 ug/mlm
22) T n-Tetracontane (C40)	22.028	11679900	83.531 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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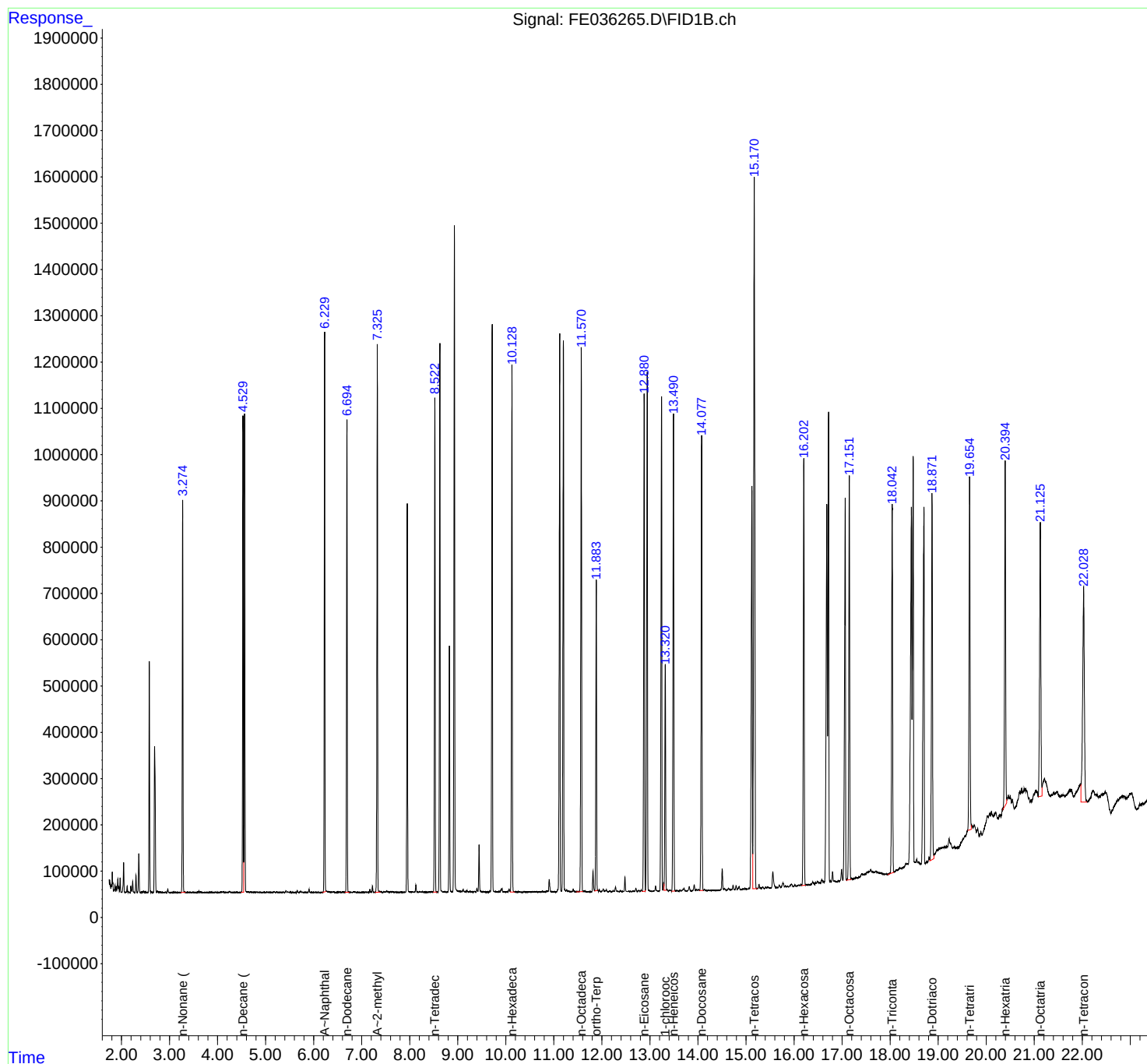
Instrument :
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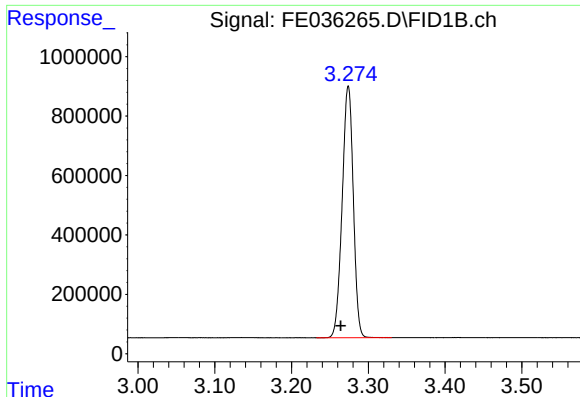
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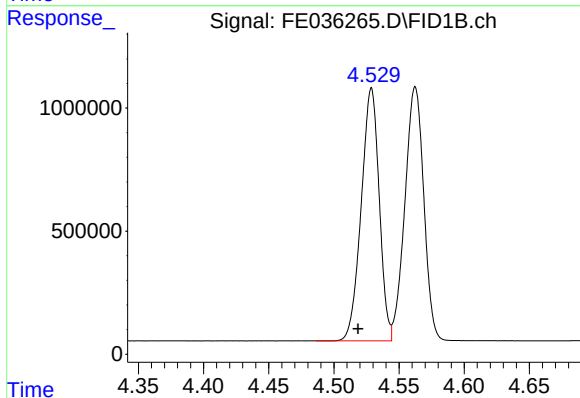
#1 n-Nonane (C9)

R.T.: 3.274 min
Delta R.T.: 0.010 min
Response: 8538490
Conc: 47.47 ug/ml

Instrument :
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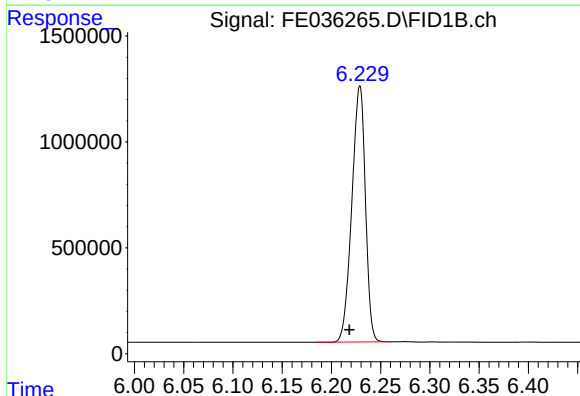
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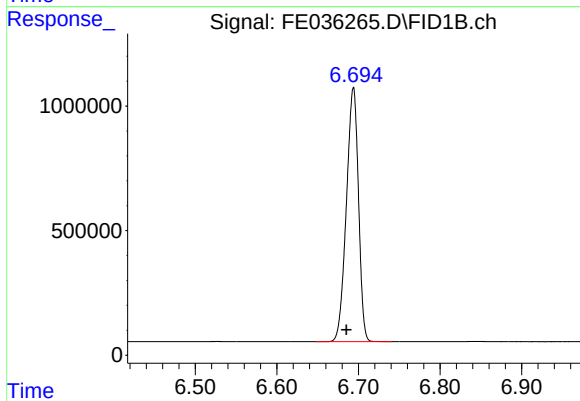
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.010 min
Response: 9869232
Conc: 54.90 ug/ml



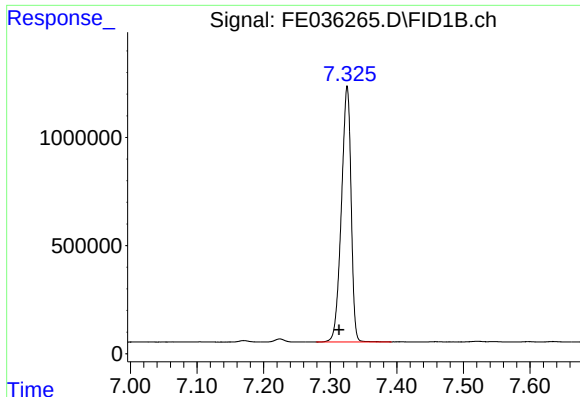
#3 A~Naphthalene (C11.7)

R.T.: 6.229 min
Delta R.T.: 0.011 min
Response: 11590928
Conc: 57.77 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.694 min
Delta R.T.: 0.009 min
Response: 10499720
Conc: 56.69 ug/ml



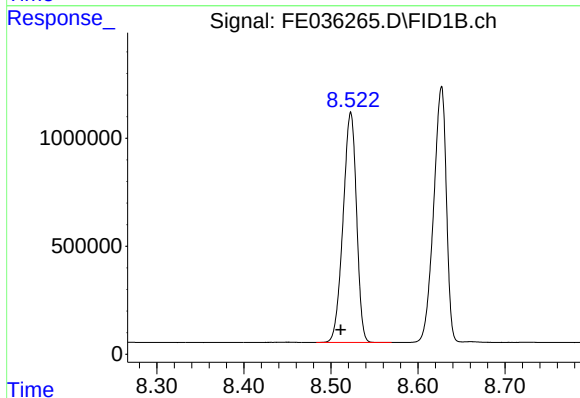
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.325 min
Delta R.T.: 0.012 min
Response: 11946180
Conc: 58.68 ug/ml

Instrument :
FID_E
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R-1MS

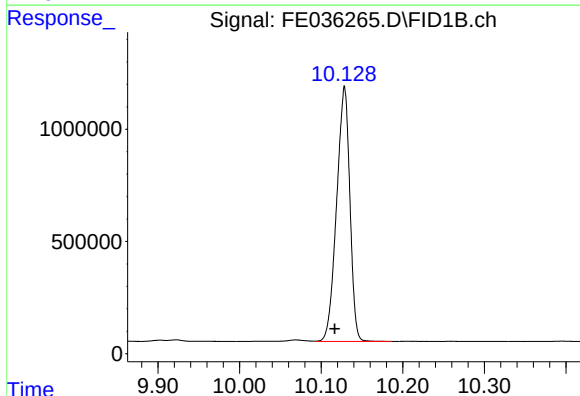
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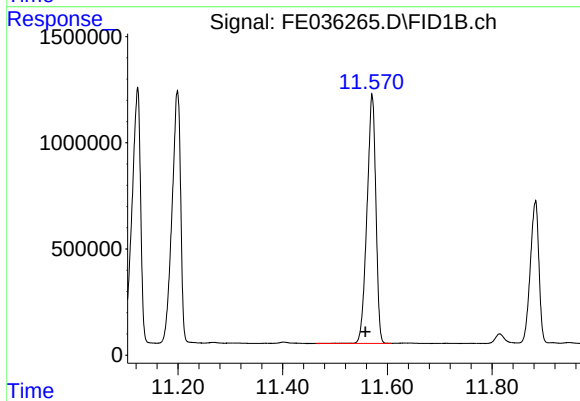
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.012 min
Response: 11441217
Conc: 61.20 ug/ml



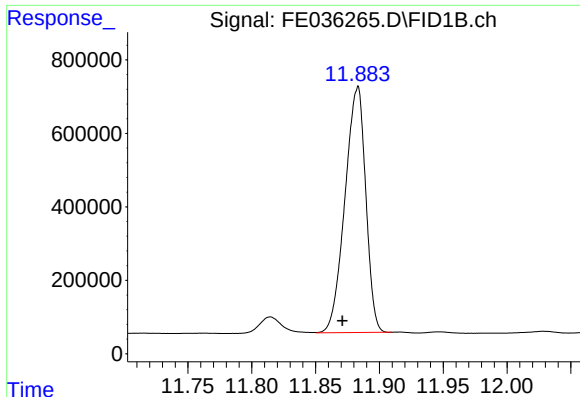
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.012 min
Response: 12808788
Conc: 68.40 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: 0.013 min
Response: 13795375
Conc: 74.15 ug/ml



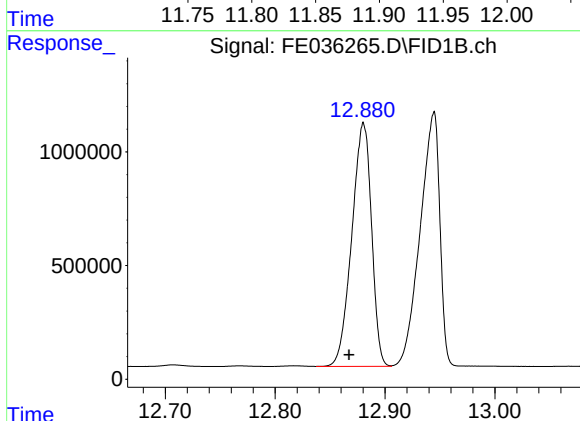
#9 ortho-Terphenyl (SURR)

R.T.: 11.883 min
Delta R.T.: 0.012 min
Response: 7578315
Conc: 37.93 ug/ml

Instrument :
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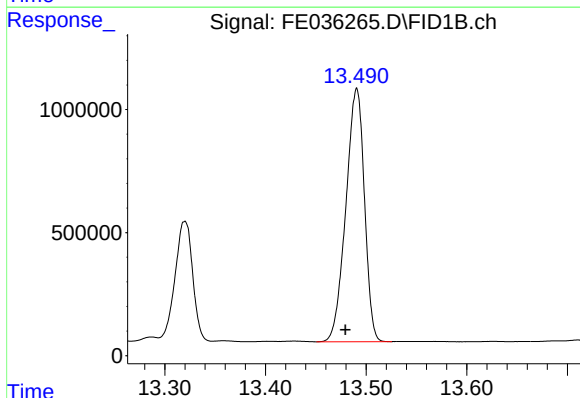
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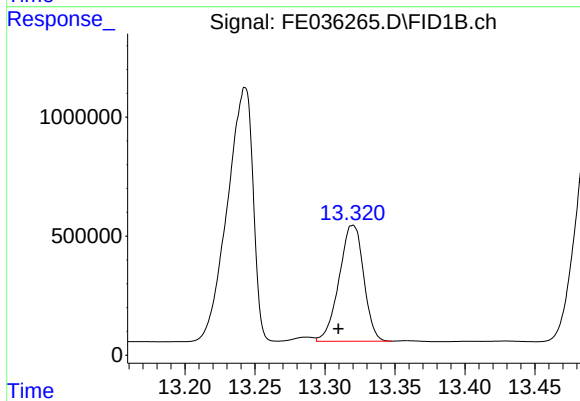
#10 n-Eicosane (C20)

R.T.: 12.880 min
Delta R.T.: 0.013 min
Response: 13350966
Conc: 73.70 ug/ml



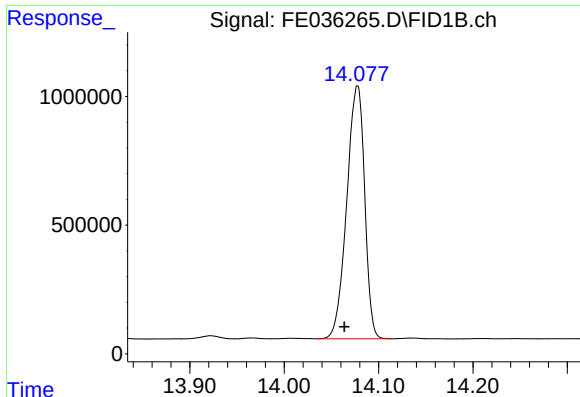
#11 n-Heneicosane (C21)

R.T.: 13.491 min
Delta R.T.: 0.011 min
Response: 13173819
Conc: 73.34 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.320 min
Delta R.T.: 0.010 min
Response: 5944401
Conc: 38.40 ug/ml



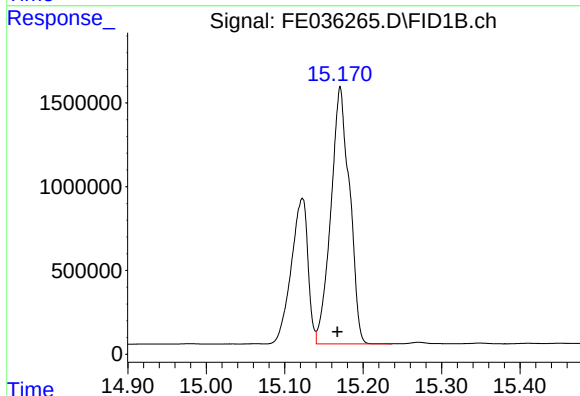
#13 n-Docosane (C22)

R.T.: 14.078 min
Delta R.T.: 0.014 min
Response: 12988122
Conc: 73.46 ug/ml

Instrument :
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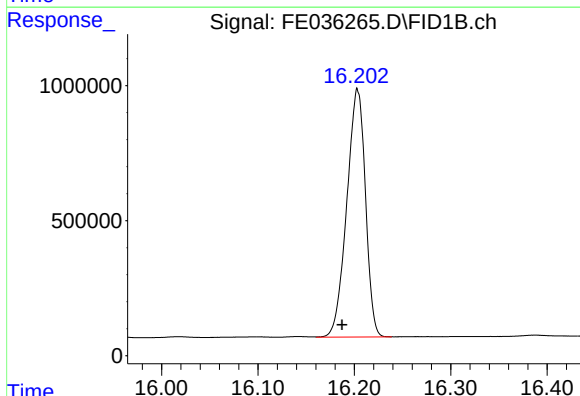
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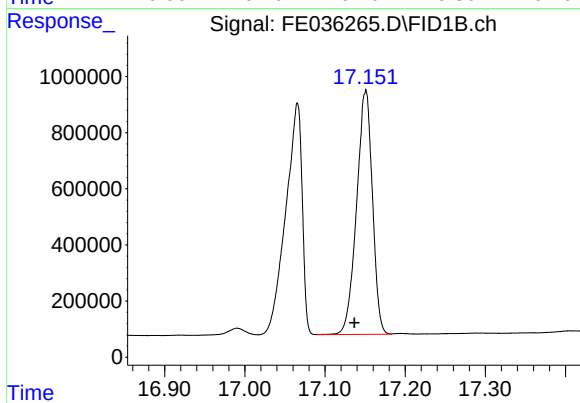
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: 0.004 min
Response: 25383801
Conc: 148.20 ug/ml



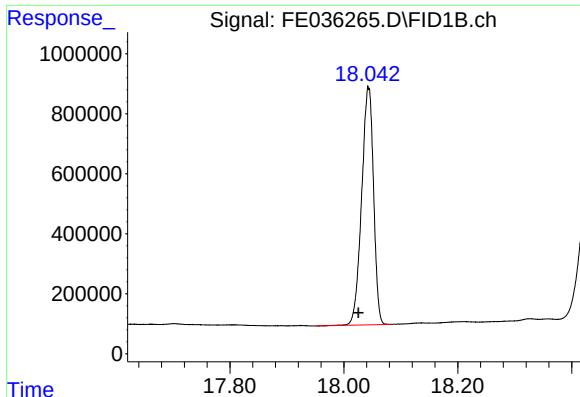
#15 n-Hexacosane (C26)

R.T.: 16.203 min
Delta R.T.: 0.016 min
Response: 12319666
Conc: 74.56 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.151 min
Delta R.T.: 0.014 min
Response: 11926880
Conc: 74.51 ug/ml



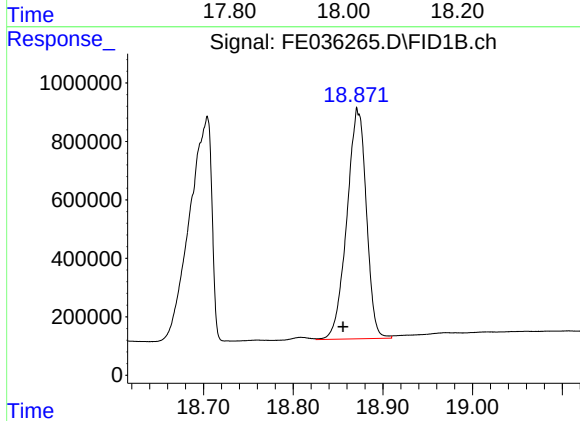
#17 n-Tricontane (C30)

R.T.: 18.043 min
Delta R.T.: 0.018 min
Response: 11525746
Conc: 74.45 ug/ml

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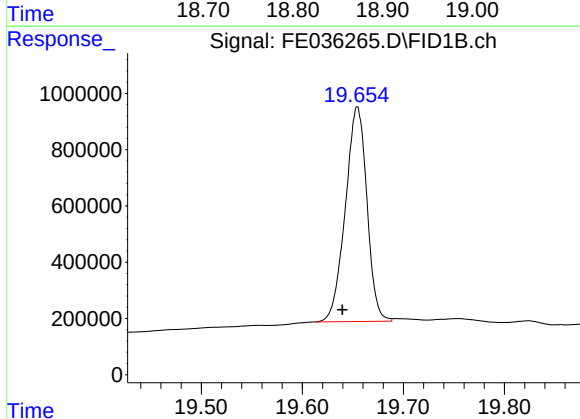
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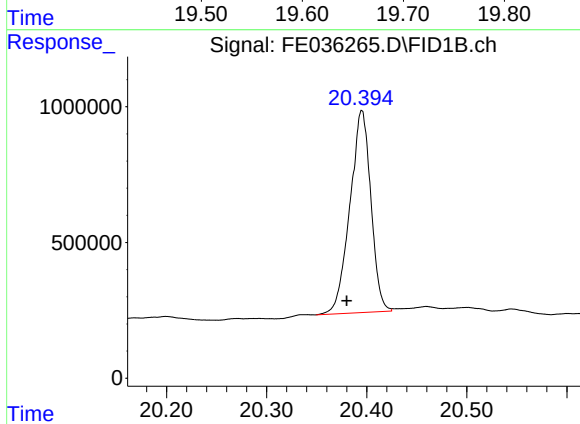
#18 n-Dotriacontane (C32)

R.T.: 18.872 min
Delta R.T.: 0.016 min
Response: 11880026
Conc: 81.29 ug/ml



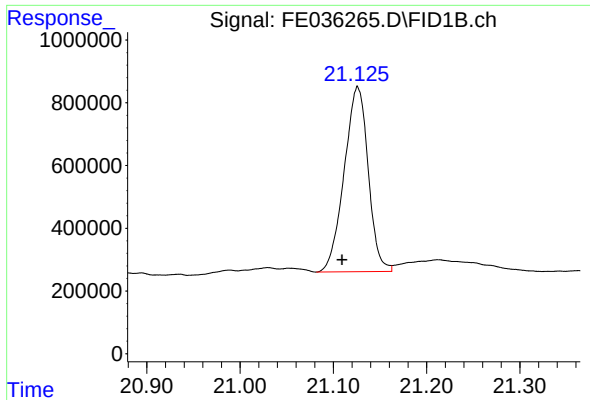
#19 n-Tetratriacontane (C34)

R.T.: 19.654 min
Delta R.T.: 0.014 min
Response: 11331698
Conc: 81.89 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.394 min
Delta R.T.: 0.014 min
Response: 10839632
Conc: 80.74 ug/ml m



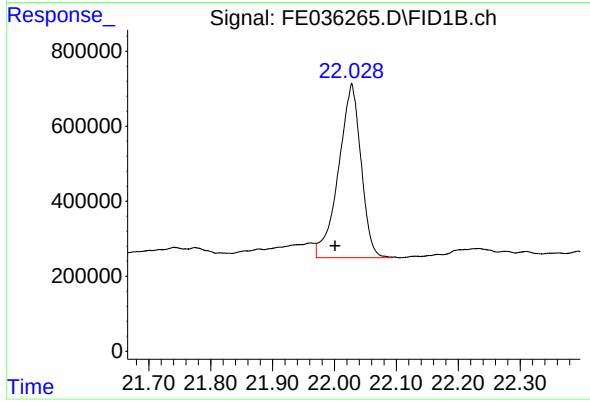
#21 n-Octatriacontane (C38)

R.T.: 21.125 min
Delta R.T.: 0.016 min
Response: 10543376
Conc: 79.28 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.028 min
Delta R.T.: 0.027 min
Response: 11679900
Conc: 83.53 ug/ml