

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE062822AL\
 Data File : FE036279.D
 Signal(s) : FID1B.ch
 Acq On : 29 Jun 2022 00:52
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 08:13:53 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)	11.874	3525486	17.646 ug/ml
Spiked Amount 50.000		Recovery =	35.29%
12) S 1-chlorooctadecane (S...	13.312	2730852	17.639 ug/ml
Spiked Amount 50.000		Recovery =	35.28%
Target Compounds			
1) T n-Nonane (C9)	3.265	3212352	17.860 ug/ml
2) T n-Decane (C10)	4.519	3290137	18.303 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3665330	18.268 ug/ml
4) T n-Dodecane (C12)	6.687	3379322	18.245 ug/ml
5) T A~2-methylnaphthalene...	7.316	3696709	18.159 ug/ml
6) T n-Tetradecane (C14)	8.513	3401533	18.195 ug/ml
7) T n-Hexadecane (C16)	10.119	3386665	18.084 ug/ml
8) T n-Octadecane (C18)	11.561	3336787	17.936 ug/ml
10) T n-Eicosane (C20)	12.868	3234524	17.854 ug/ml
11) T n-Heneicosane (C21)	13.479	3179759	17.702 ug/ml
13) T n-Docosane (C22)	14.066	3184254	18.011 ug/ml
14) T n-Tetracosane (C24)	15.168	3217960	18.788 ug/ml
15) T n-Hexacosane (C26)	16.189	3234396	19.576 ug/ml
16) T n-Octacosane (C28)	17.139	3265450	20.400 ug/ml
17) T n-Tricontane (C30)	18.026	3341866	21.585 ug/mlm
18) T n-Dotriacontane (C32)	18.858	3248874	22.232 ug/ml
19) T n-Tetratriacontane (C34)	19.643	2986777	21.584 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2820340	21.008 ug/ml
21) T n-Octatriacontane (C38)	21.107	3054518	22.968 ug/mlm
22) T n-Tetracontane (C40)	22.008	3154134	22.557 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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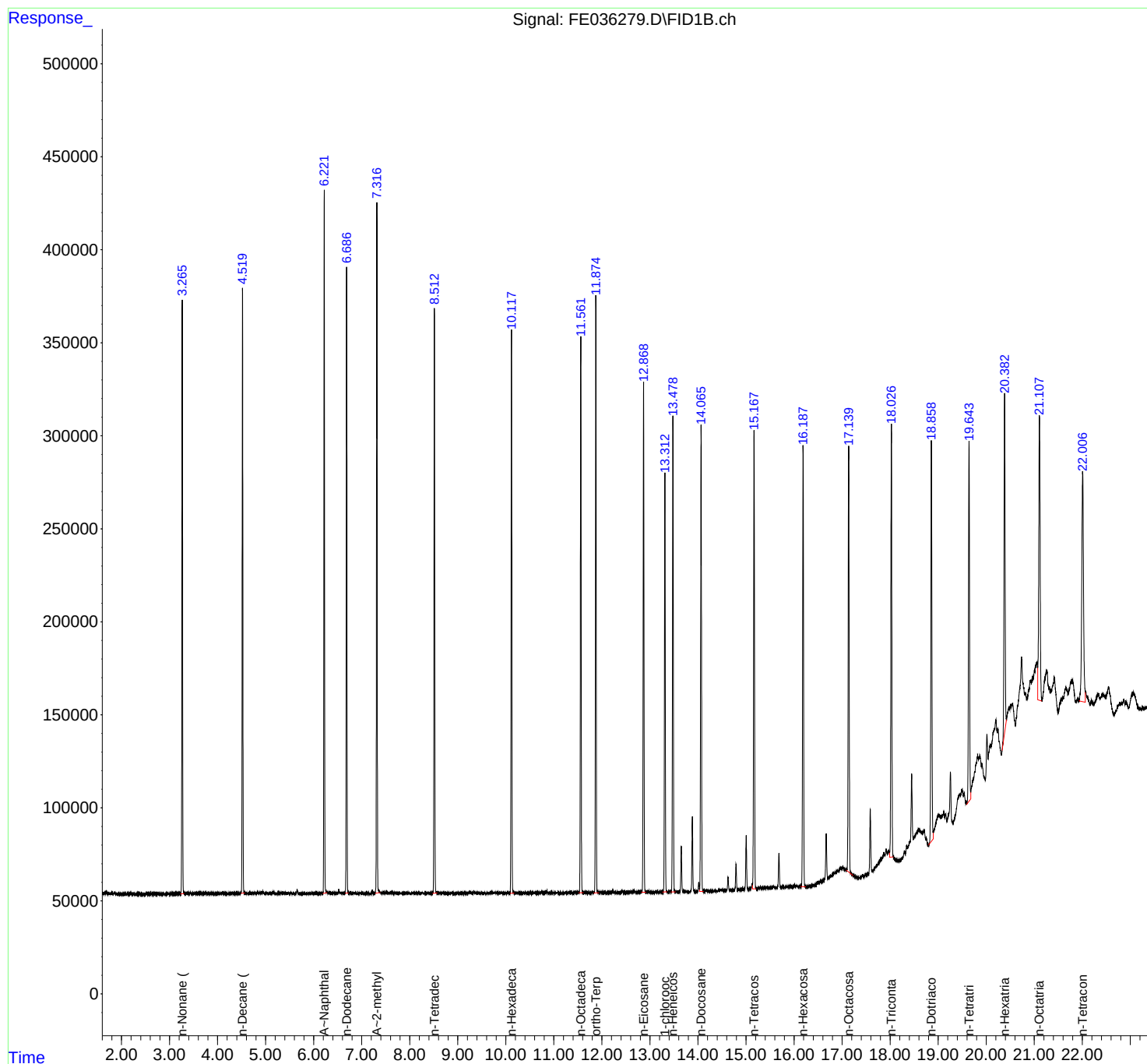
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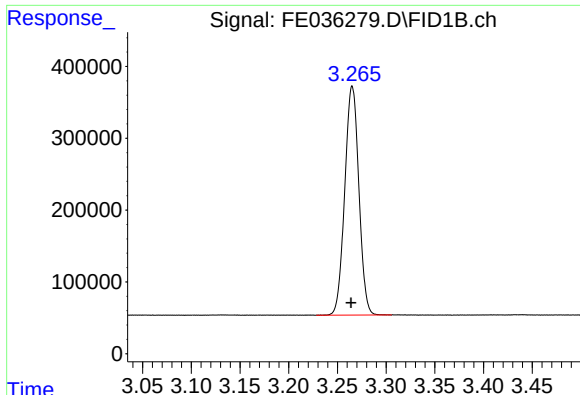
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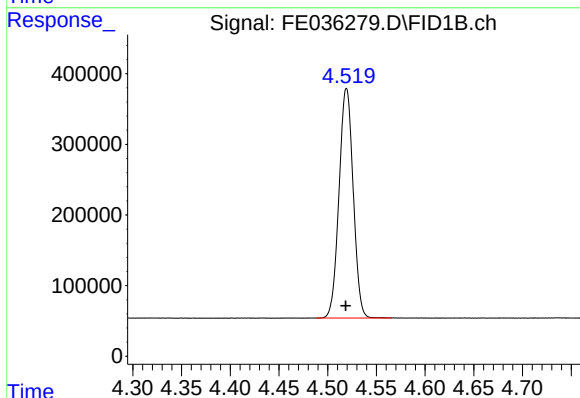
#1 n-Nonane (C9)

R.T.: 3.265 min
Delta R.T.: 0.001 min
Response: 3212352
Conc: 17.86 ug/ml

Instrument : FID_E
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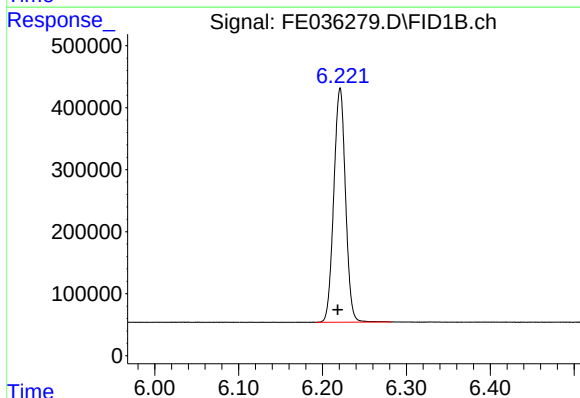
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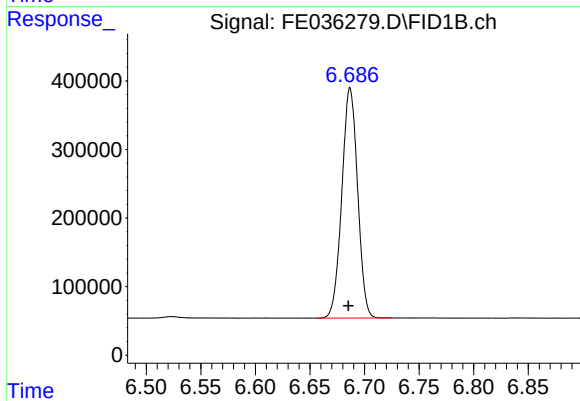
#2 n-Decane (C10)

R.T.: 4.519 min
Delta R.T.: 0.000 min
Response: 3290137
Conc: 18.30 ug/ml



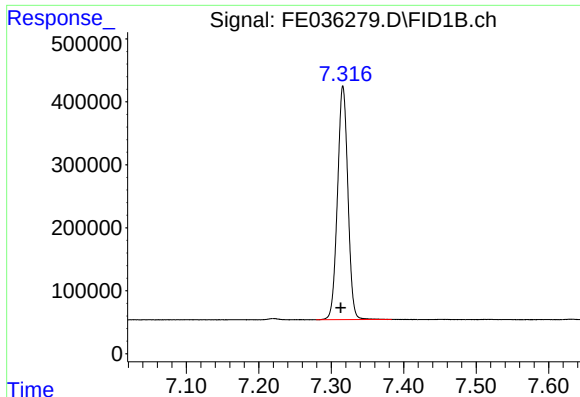
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.003 min
Response: 3665330
Conc: 18.27 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.002 min
Response: 3379322
Conc: 18.24 ug/ml



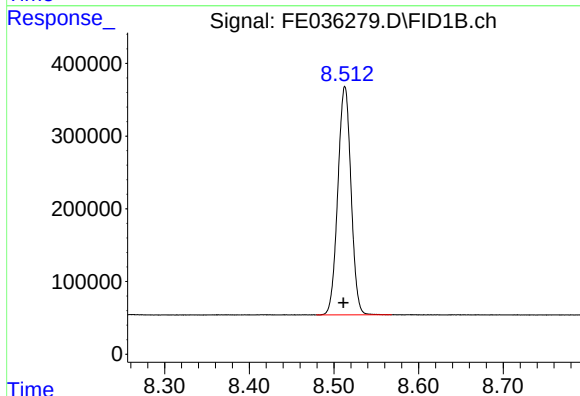
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 3696709
Conc: 18.16 ug/ml

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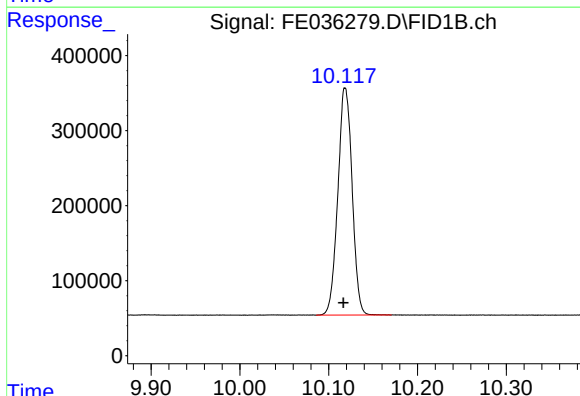
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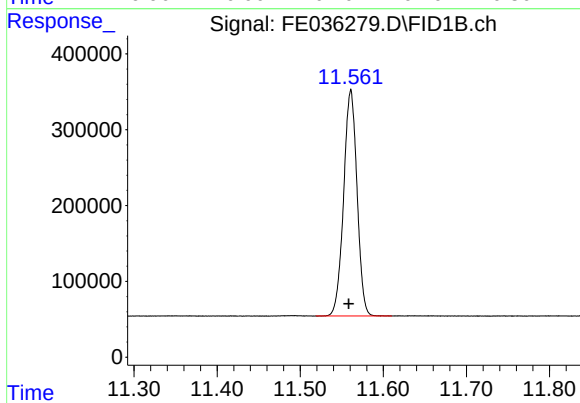
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.002 min
Response: 3401533
Conc: 18.19 ug/ml



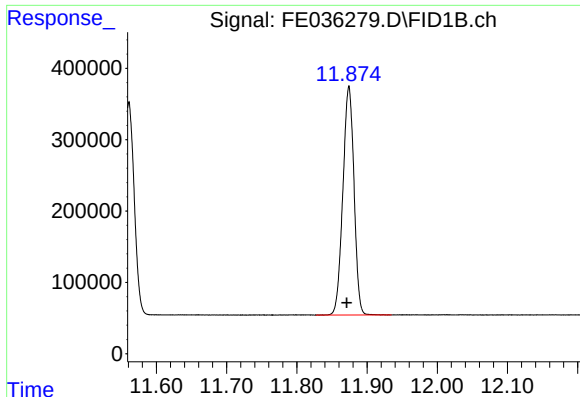
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: 0.002 min
Response: 3386665
Conc: 18.08 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.561 min
Delta R.T.: 0.003 min
Response: 3336787
Conc: 17.94 ug/ml



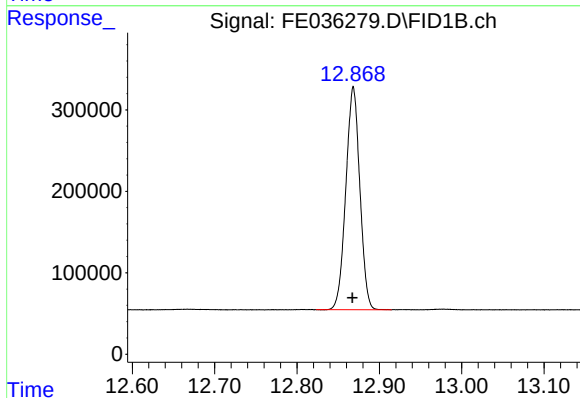
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 3525486
Conc: 17.65 ug/ml

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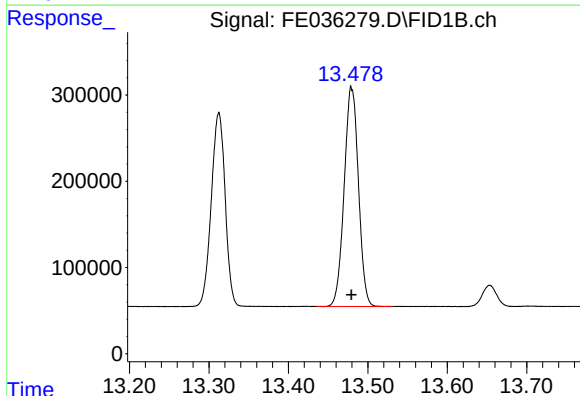
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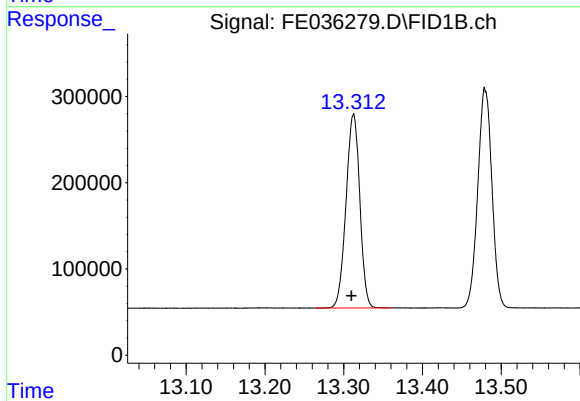
#10 n-Eicosane (C20)

R.T.: 12.868 min
Delta R.T.: 0.001 min
Response: 3234524
Conc: 17.85 ug/ml



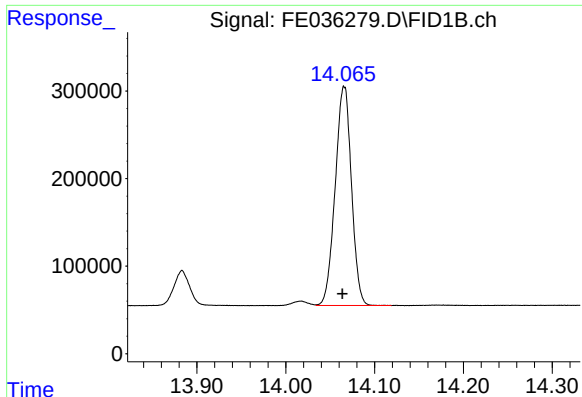
#11 n-Heneicosane (C21)

R.T.: 13.479 min
Delta R.T.: 0.000 min
Response: 3179759
Conc: 17.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.312 min
Delta R.T.: 0.003 min
Response: 2730852
Conc: 17.64 ug/ml



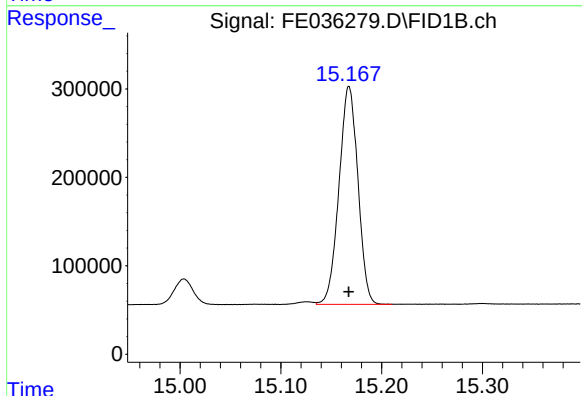
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 3184254
Conc: 18.01 ug/ml

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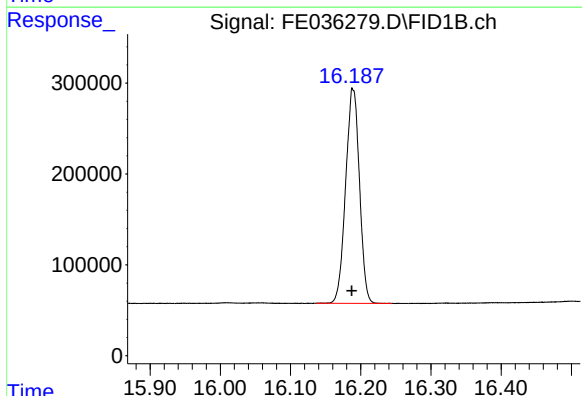
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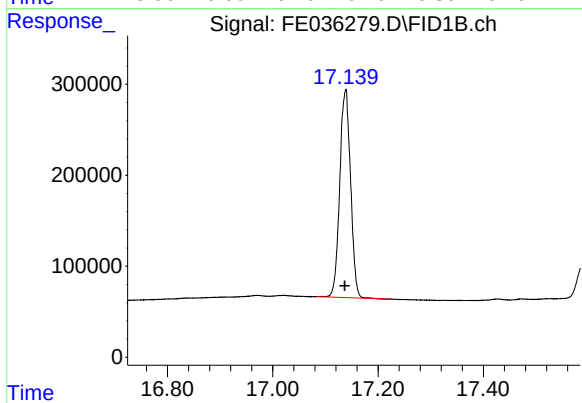
#14 n-Tetracosane (C24)

R.T.: 15.168 min
Delta R.T.: 0.000 min
Response: 3217960
Conc: 18.79 ug/ml



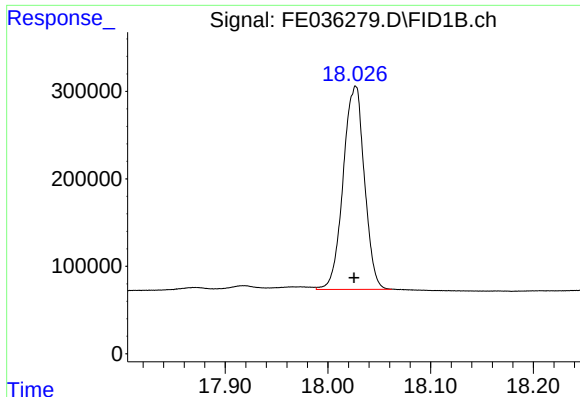
#15 n-Hexacosane (C26)

R.T.: 16.189 min
Delta R.T.: 0.002 min
Response: 3234396
Conc: 19.58 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.139 min
Delta R.T.: 0.002 min
Response: 3265450
Conc: 20.40 ug/ml



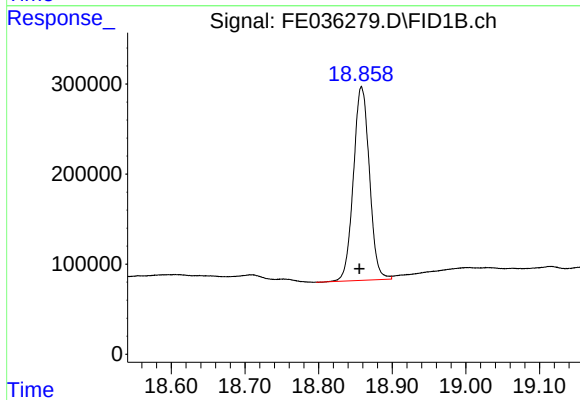
#17 n-Tricontane (C30)

R.T.: 18.026 min
Delta R.T.: 0.000 min
Response: 3341866
Conc: 21.59 ug/ml

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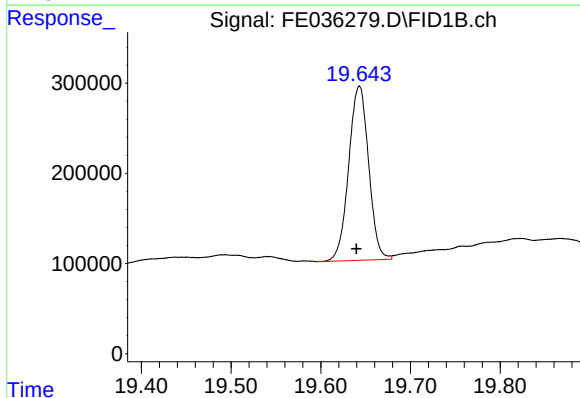
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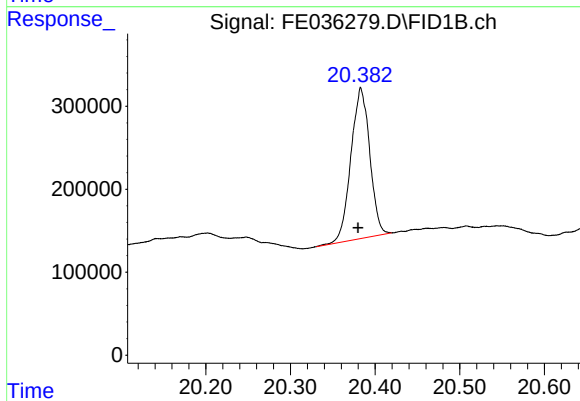
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.003 min
Response: 3248874
Conc: 22.23 ug/ml



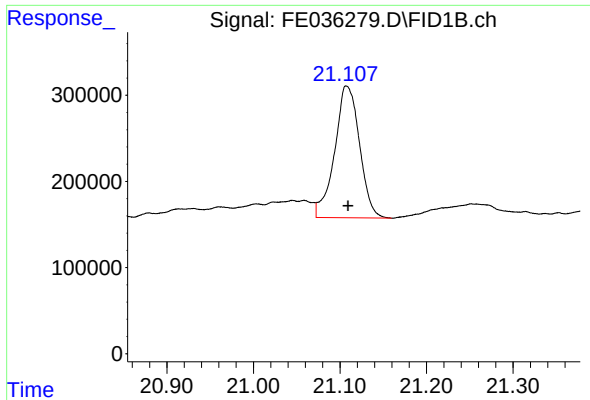
#19 n-Tetratriacontane (C34)

R.T.: 19.643 min
Delta R.T.: 0.004 min
Response: 2986777
Conc: 21.58 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 2820340
Conc: 21.01 ug/ml



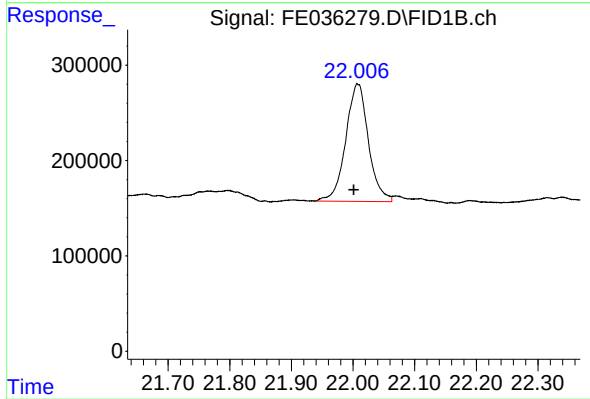
#21 n-Octatriacontane (C38)

R.T.: 21.107 min
Delta R.T.: -0.003 min
Response: 3054518
Conc: 22.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.008 min
Delta R.T.: 0.006 min
Response: 3154134
Conc: 22.56 ug/ml