

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036348.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 19:47
 Operator : YP\AJ
 Sample : N3561-01MS
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 S-1MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:35:27 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)	11.872	5822421	29.142 ug/ml
Spiked Amount 50.000		Recovery =	58.28%
12) S 1-chlorooctadecane (S...	13.309	4545851	29.363 ug/ml
Spiked Amount 50.000		Recovery =	58.73%
Target Compounds			
1) T n-Nonane (C9)	3.281	6870674	38.200 ug/ml
2) T n-Decane (C10)	4.527	6947794	38.651 ug/ml
3) T A~Naphthalene (C11.7)	6.222	7756303	38.658 ug/ml
4) T n-Dodecane (C12)	6.687	7135827	38.526 ug/ml
5) T A~2-methylnaphthalene...	7.315	7459249	36.642 ug/ml
6) T n-Tetradecane (C14)	8.512	7083714	37.890 ug/ml
7) T n-Hexadecane (C16)	10.117	6967824	37.207 ug/ml
8) T n-Octadecane (C18)	11.559	7046211	37.874 ug/ml
10) T n-Eicosane (C20)	12.867	6741596	37.213 ug/ml
11) T n-Heneicosane (C21)	13.478	6649817	37.020 ug/ml
13) T n-Docosane (C22)	14.063	6588079	37.263 ug/ml
14) T n-Tetracosane (C24)	15.164	5755558	33.604 ug/ml
15) T n-Hexacosane (C26)	16.186	6415940	38.833 ug/ml
16) T n-Octacosane (C28)	17.134	6387001	39.900 ug/ml
17) T n-Tricontane (C30)	18.022	6312512	40.773 ug/ml
18) T n-Dotriacontane (C32)	18.854	6311411	43.188 ug/ml
19) T n-Tetratriacontane (C34)	19.639	6407613	46.304 ug/ml
20) T n-Hexatriacontane (C36)	20.378	6087031	45.342 ug/ml
21) T n-Octatriacontane (C38)	21.106	6041850	45.431 ug/mlm
22) T n-Tetracontane (C40)	22.002	6368550	45.546 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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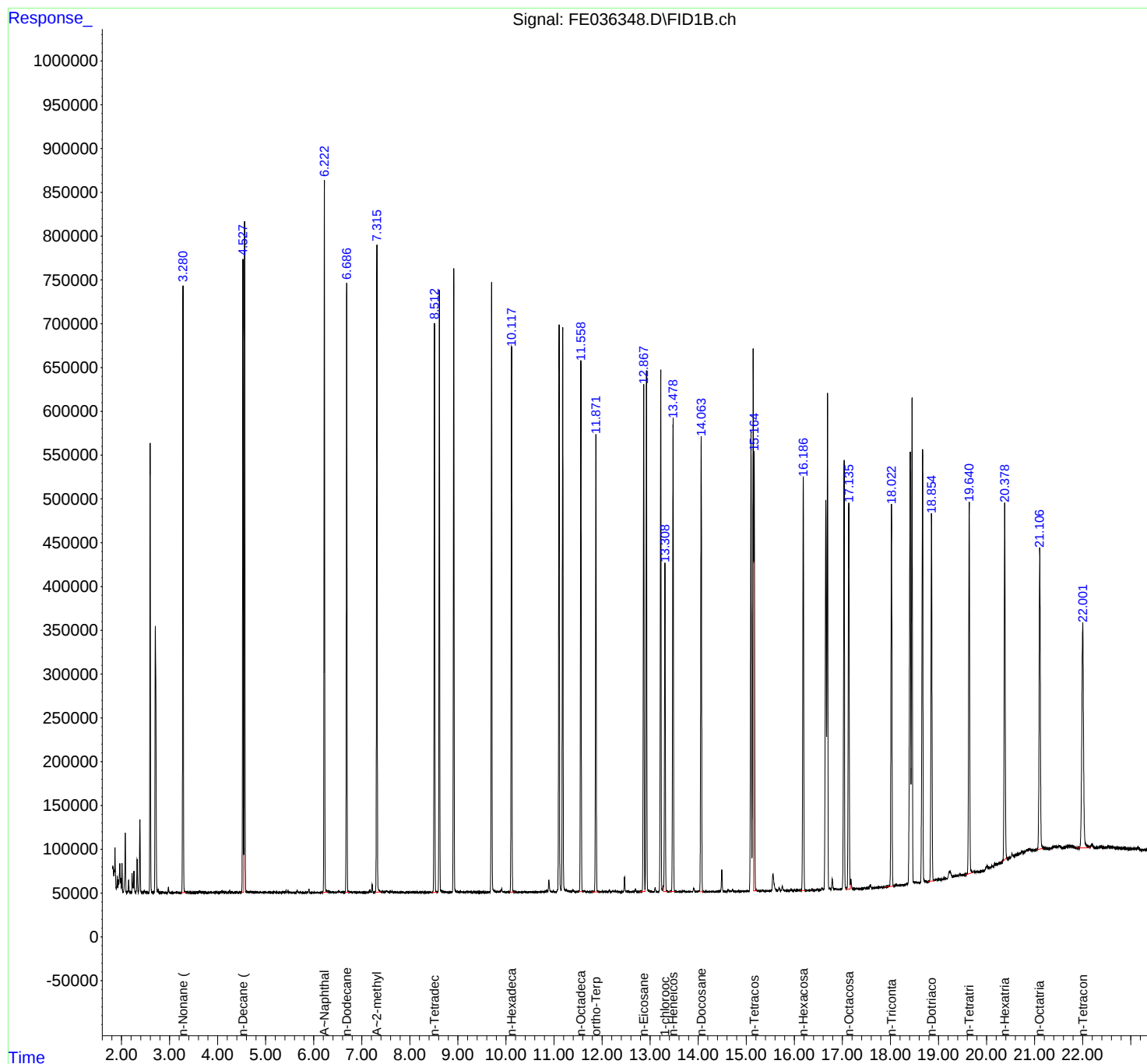
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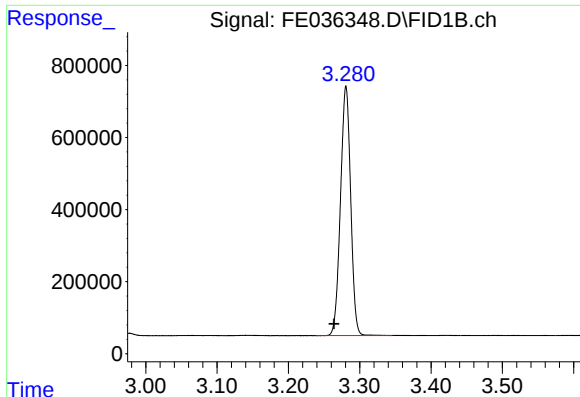
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#1 n-Nonane (C9)

R.T.: 3.281 min
Delta R.T.: 0.017 min
Response: 6870674
Conc: 38.20 ug/ml

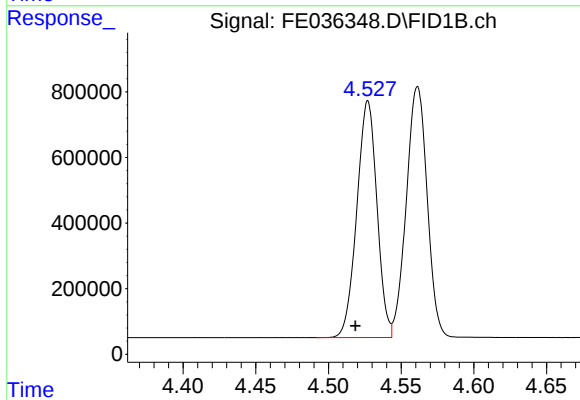
Instrument :

FID_E

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S-1MS

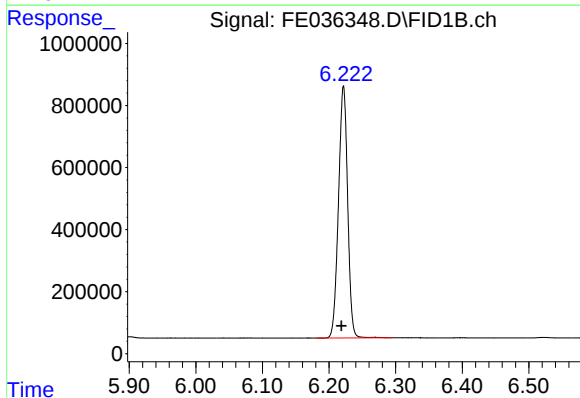
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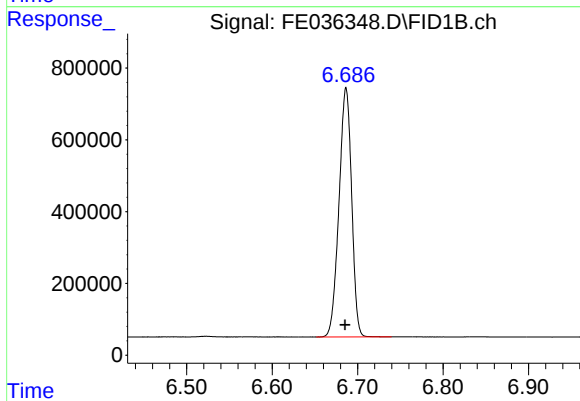
#2 n-Decane (C10)

R.T.: 4.527 min
Delta R.T.: 0.009 min
Response: 6947794
Conc: 38.65 ug/ml



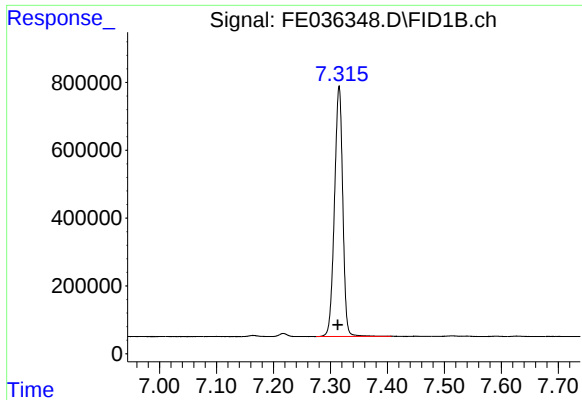
#3 A~Naphthalene (C11.7)

R.T.: 6.222 min
Delta R.T.: 0.003 min
Response: 7756303
Conc: 38.66 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.687 min
Delta R.T.: 0.001 min
Response: 7135827
Conc: 38.53 ug/ml



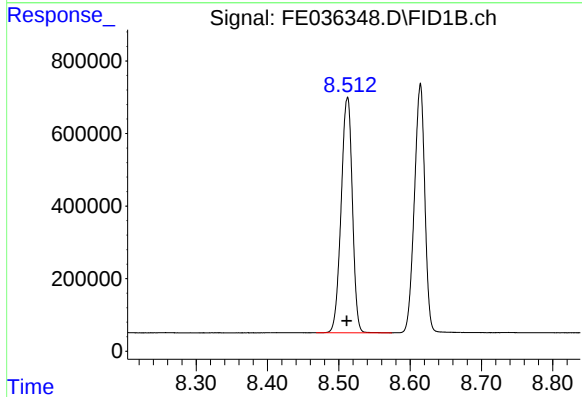
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.315 min
Delta R.T.: 0.002 min
Response: 7459249
Conc: 36.64 ug/ml

Instrument :
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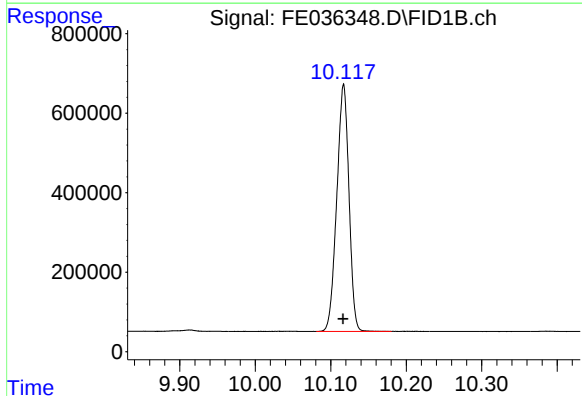
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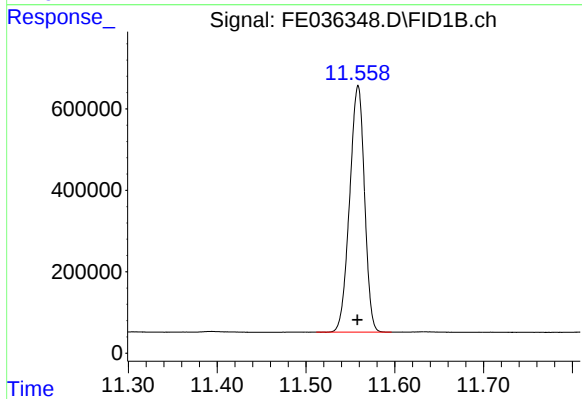
#6 n-Tetradecane (C14)

R.T.: 8.512 min
Delta R.T.: 0.001 min
Response: 7083714
Conc: 37.89 ug/ml



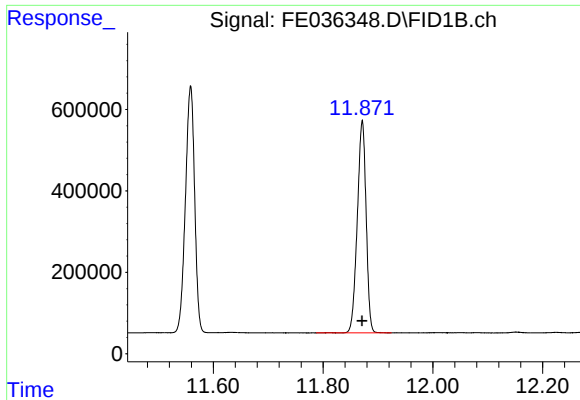
#7 n-Hexadecane (C16)

R.T.: 10.117 min
Delta R.T.: 0.000 min
Response: 6967824
Conc: 37.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.559 min
Delta R.T.: 0.000 min
Response: 7046211
Conc: 37.87 ug/ml



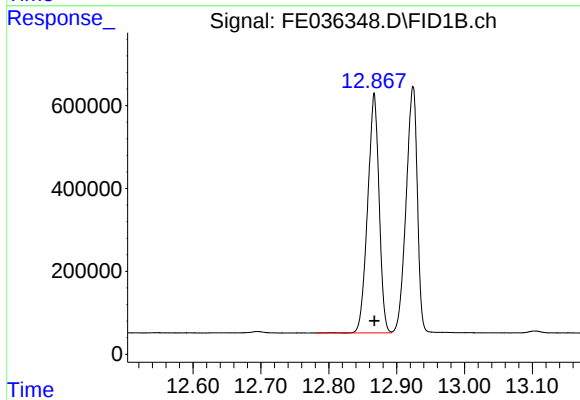
#9 ortho-Terphenyl (SURR)

R.T.: 11.872 min
Delta R.T.: 0.000 min
Response: 5822421
Conc: 29.14 ug/ml

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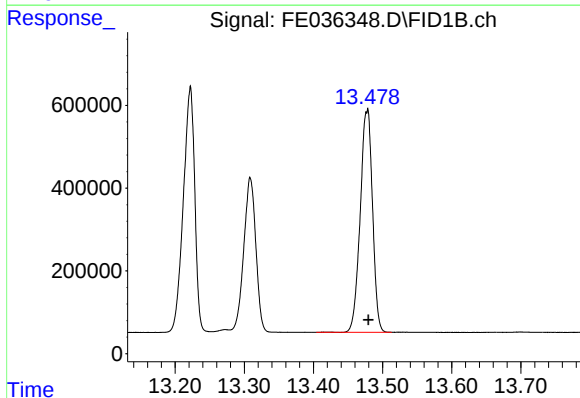
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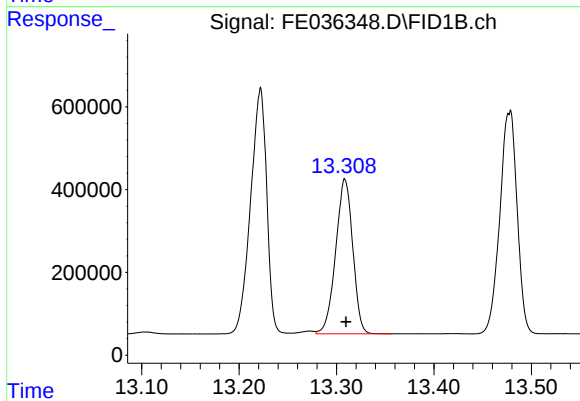
#10 n-Eicosane (C20)

R.T.: 12.867 min
Delta R.T.: 0.000 min
Response: 6741596
Conc: 37.21 ug/ml



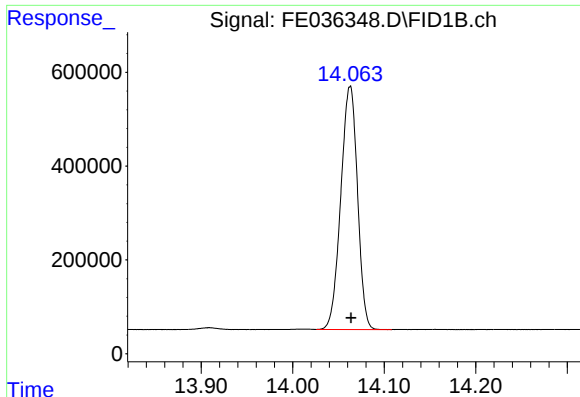
#11 n-Heneicosane (C21)

R.T.: 13.478 min
Delta R.T.: -0.001 min
Response: 6649817
Conc: 37.02 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.309 min
Delta R.T.: -0.001 min
Response: 4545851
Conc: 29.36 ug/ml



#13 n-Docosane (C22)

R.T.: 14.063 min
Delta R.T.: -0.001 min
Response: 6588079
Conc: 37.26 ug/ml

Instrument :

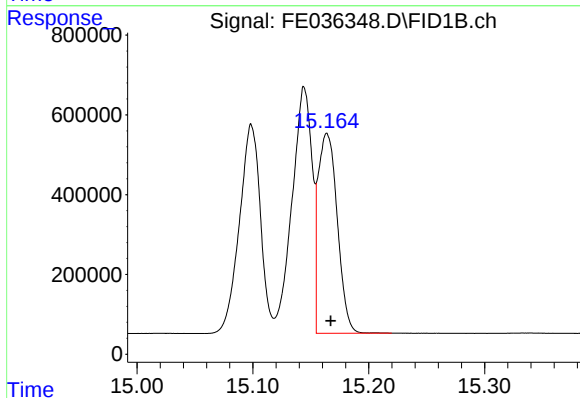
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ClientSampleId :

S-1MS

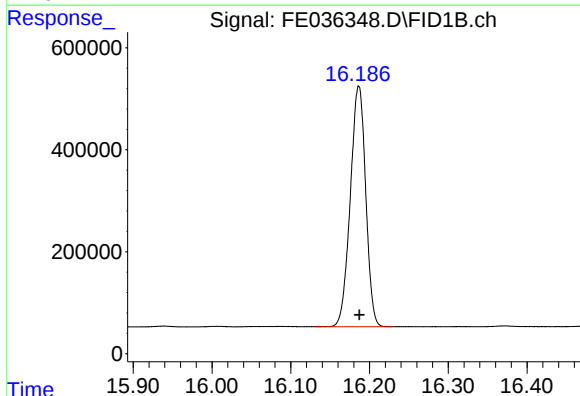
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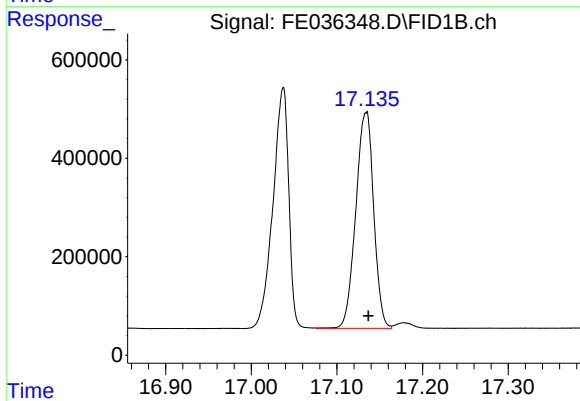
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 5755558
Conc: 33.60 ug/ml



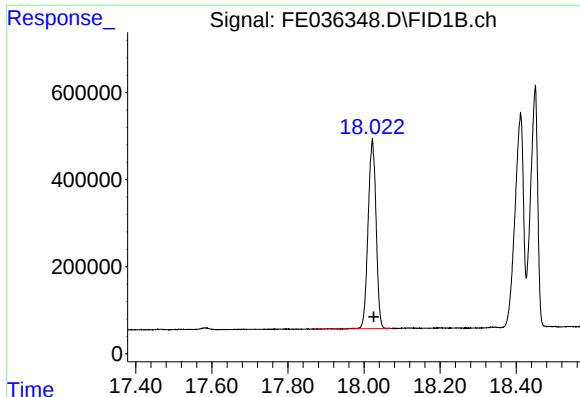
#15 n-Hexacosane (C26)

R.T.: 16.186 min
Delta R.T.: 0.000 min
Response: 6415940
Conc: 38.83 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.134 min
Delta R.T.: -0.002 min
Response: 6387001
Conc: 39.90 ug/ml



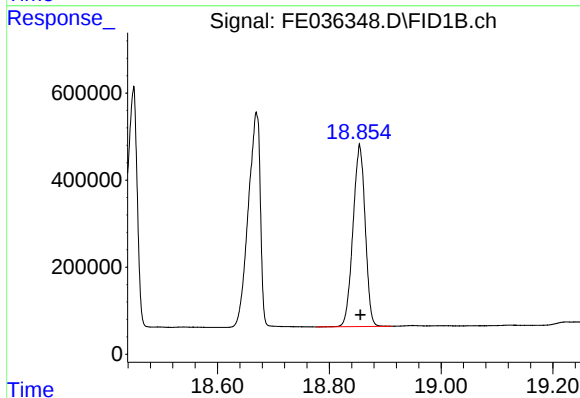
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.004 min
Response: 6312512
Conc: 40.77 ug/ml

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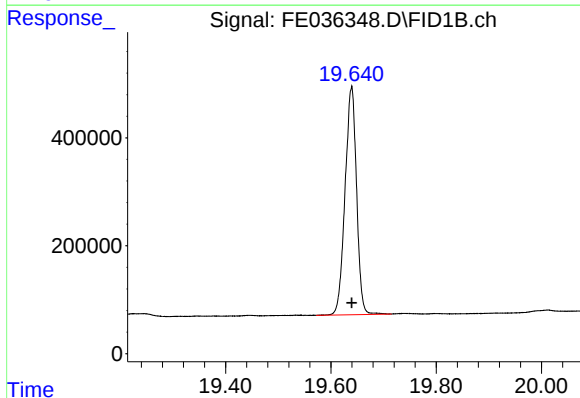
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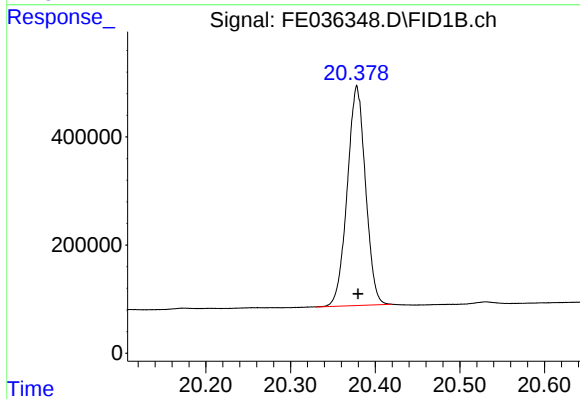
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.001 min
Response: 6311411
Conc: 43.19 ug/ml



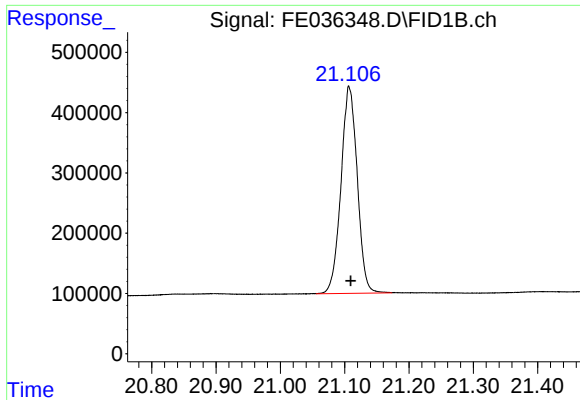
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 6407613
Conc: 46.30 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 6087031
Conc: 45.34 ug/ml



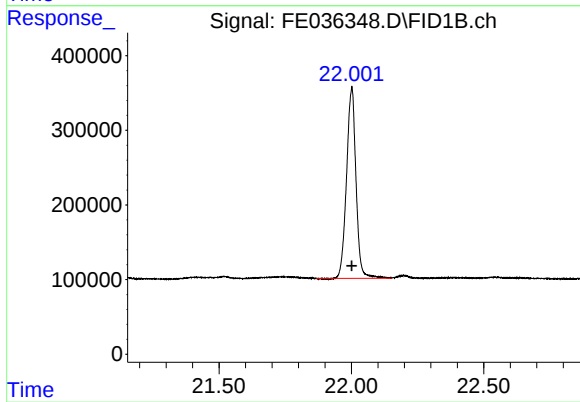
#21 n-Octatriacontane (C38)

R.T.: 21.106 min
Delta R.T.: -0.004 min
Response: 6041850
Conc: 45.43 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.002 min
Delta R.T.: 0.000 min
Response: 6368550
Conc: 45.55 ug/ml