

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036331.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 09:48
 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 07/05/2022
 Supervised By :Ankita Jodhani 07/05/2022

Integration File: sample.E
 Quant Time: Jul 02 03:32:30 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	3683722	18.438 ug/ml
Spiked Amount 50.000		Recovery =	36.88%
12) S 1-chlorooctadecane (S...	13.313	2863035	18.493 ug/ml
Spiked Amount 50.000		Recovery =	36.99%
Target Compounds			
1) T n-Nonane (C9)	3.264	3346372	18.605 ug/ml
2) T n-Decane (C10)	4.518	3448271	19.183 ug/ml
3) T A~Naphthalene (C11.7)	6.221	3825646	19.068 ug/ml
4) T n-Dodecane (C12)	6.686	3540425	19.114 ug/ml
5) T A~2-methylnaphthalene...	7.316	3863701	18.980 ug/ml
6) T n-Tetradecane (C14)	8.513	3552335	19.001 ug/ml
7) T n-Hexadecane (C16)	10.119	3525437	18.825 ug/ml
8) T n-Octadecane (C18)	11.560	3487050	18.743 ug/ml
10) T n-Eicosane (C20)	12.869	3383526	18.677 ug/ml
11) T n-Heneicosane (C21)	13.480	3326299	18.518 ug/ml
13) T n-Docosane (C22)	14.066	3340357	18.893 ug/ml
14) T n-Tetracosane (C24)	15.167	3385709	19.768 ug/ml
15) T n-Hexacosane (C26)	16.188	3413974	20.663 ug/ml
16) T n-Octacosane (C28)	17.138	3472298	21.692 ug/ml
17) T n-Tricontane (C30)	18.025	3568452	23.049 ug/ml
18) T n-Dotriacontane (C32)	18.858	3481438	23.823 ug/ml
19) T n-Tetratriacontane (C34)	19.642	3187096	23.031 ug/ml
20) T n-Hexatriacontane (C36)	20.383	2971677	22.136 ug/ml
21) T n-Octatriacontane (C38)	21.112	2934022	22.062 ug/ml
22) T n-Tetracontane (C40)	22.006	3561825	25.473 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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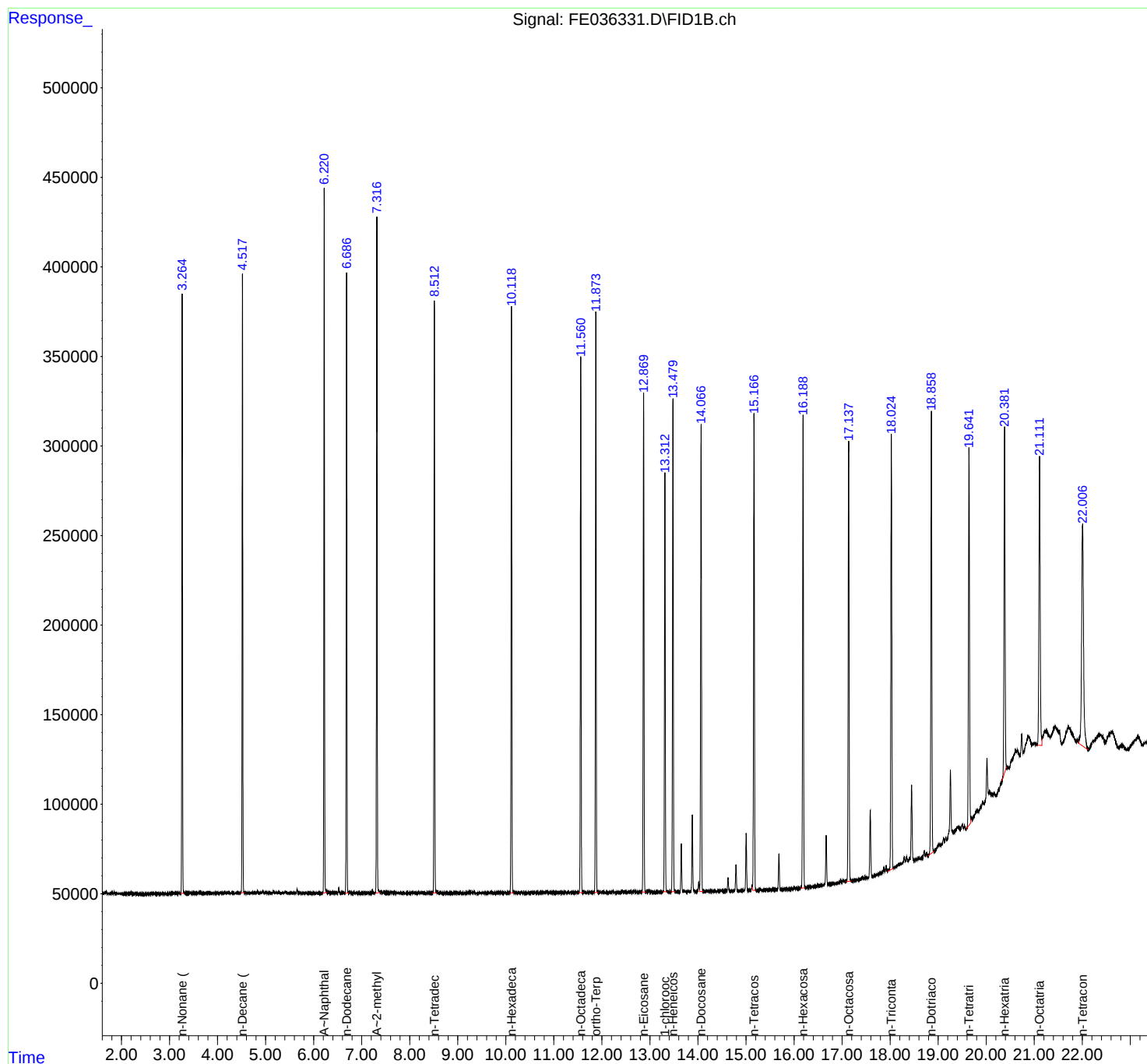
Instrument :
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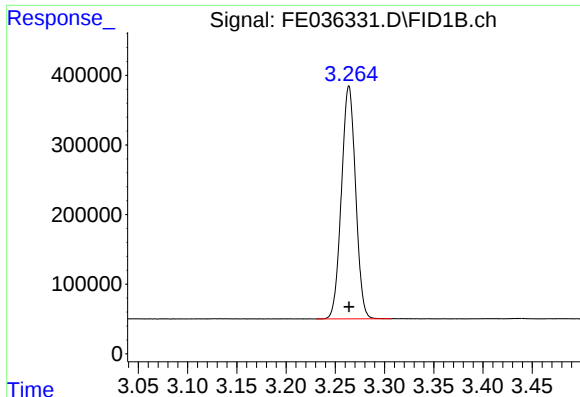
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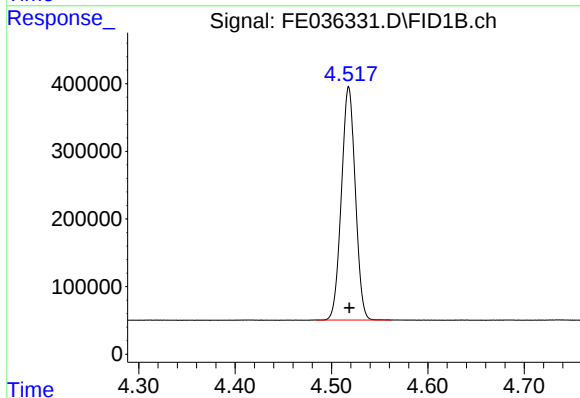
#1 n-Nonane (C9)

R.T.: 3.264 min
Delta R.T.: 0.000 min
Response: 3346372
Conc: 18.61 ug/ml

Instrument :
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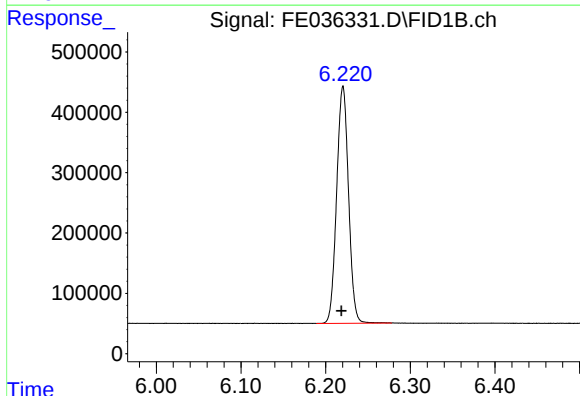
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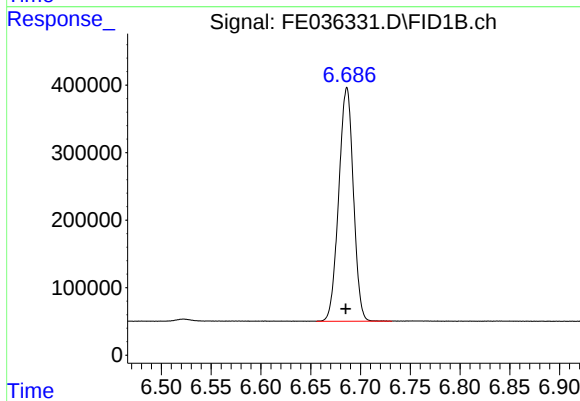
#2 n-Decane (C10)

R.T.: 4.518 min
Delta R.T.: 0.000 min
Response: 3448271
Conc: 19.18 ug/ml



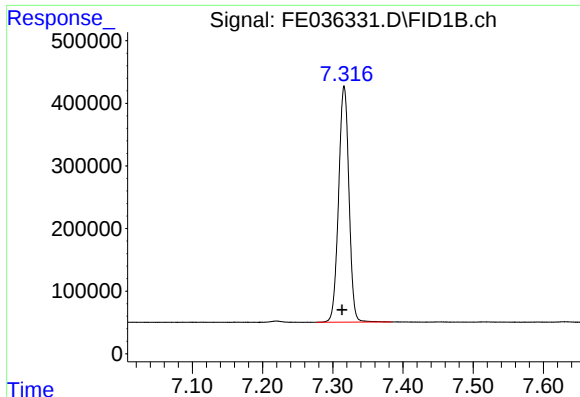
#3 A~Naphthalene (C11.7)

R.T.: 6.221 min
Delta R.T.: 0.002 min
Response: 3825646
Conc: 19.07 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.686 min
Delta R.T.: 0.001 min
Response: 3540425
Conc: 19.11 ug/ml



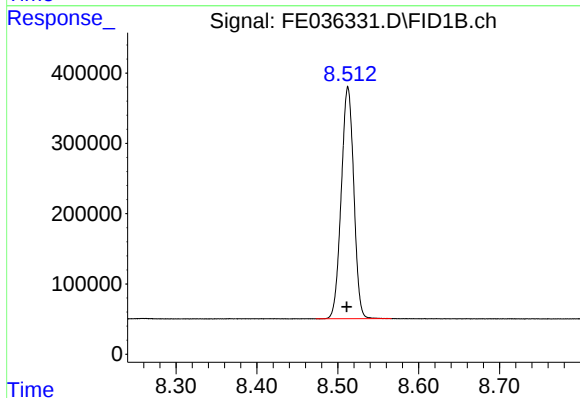
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.316 min
Delta R.T.: 0.003 min
Response: 3863701
Conc: 18.98 ug/ml

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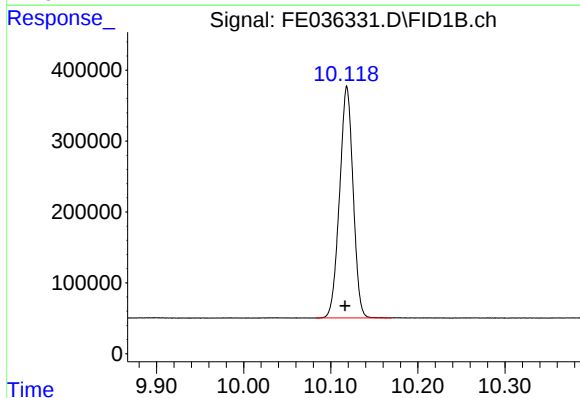
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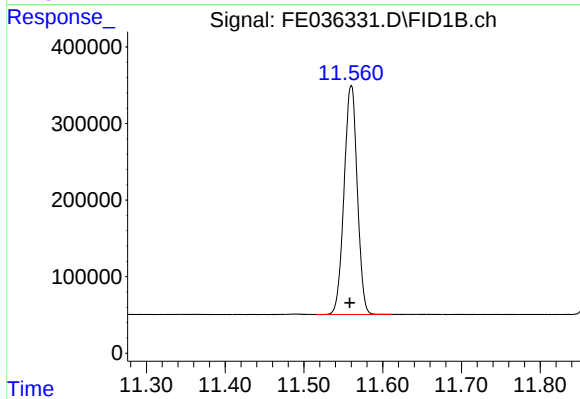
#6 n-Tetradecane (C14)

R.T.: 8.513 min
Delta R.T.: 0.001 min
Response: 3552335
Conc: 19.00 ug/ml



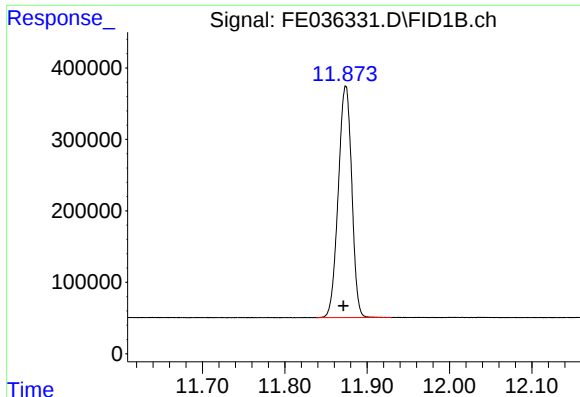
#7 n-Hexadecane (C16)

R.T.: 10.119 min
Delta R.T.: 0.002 min
Response: 3525437
Conc: 18.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.560 min
Delta R.T.: 0.002 min
Response: 3487050
Conc: 18.74 ug/ml



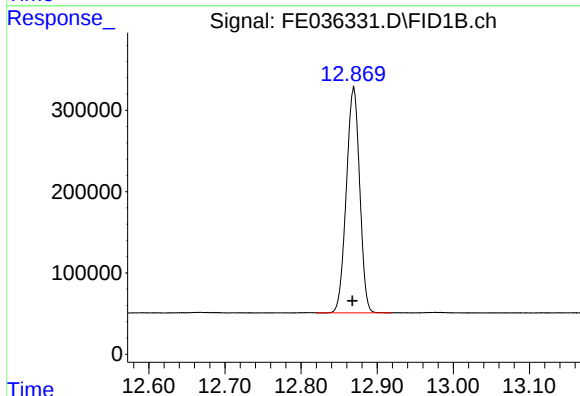
#9 ortho-Terphenyl (SURR)

R.T.: 11.874 min
Delta R.T.: 0.003 min
Response: 3683722
Conc: 18.44 ug/ml

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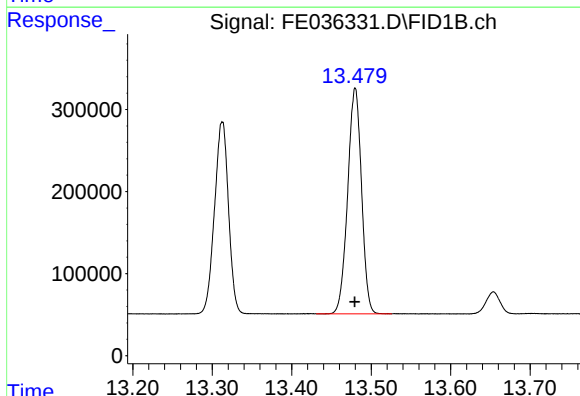
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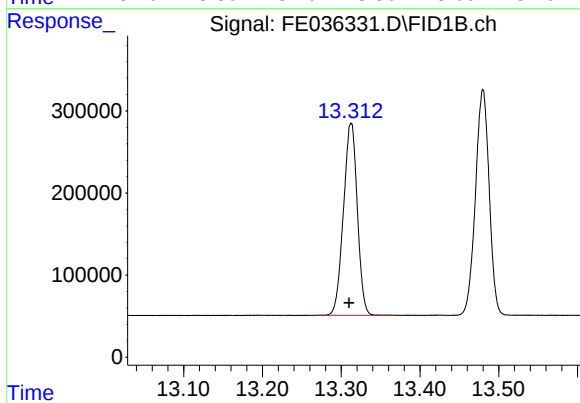
#10 n-Eicosane (C20)

R.T.: 12.869 min
Delta R.T.: 0.002 min
Response: 3383526
Conc: 18.68 ug/ml



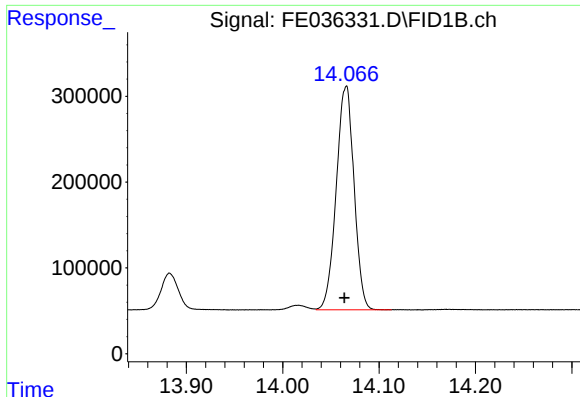
#11 n-Heneicosane (C21)

R.T.: 13.480 min
Delta R.T.: 0.000 min
Response: 3326299
Conc: 18.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.313 min
Delta R.T.: 0.003 min
Response: 2863035
Conc: 18.49 ug/ml



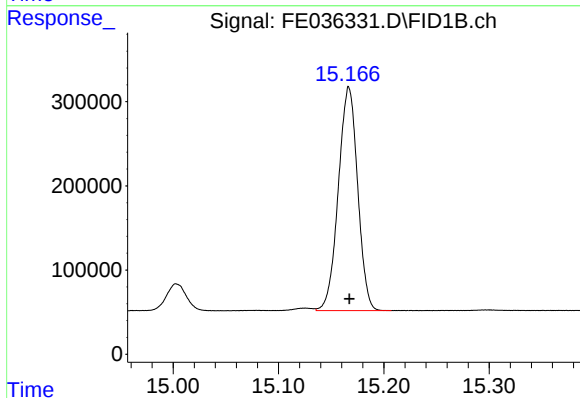
#13 n-Docosane (C22)

R.T.: 14.066 min
Delta R.T.: 0.002 min
Response: 3340357
Conc: 18.89 ug/ml

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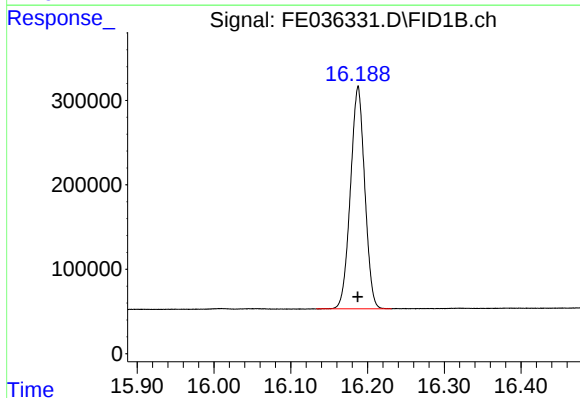
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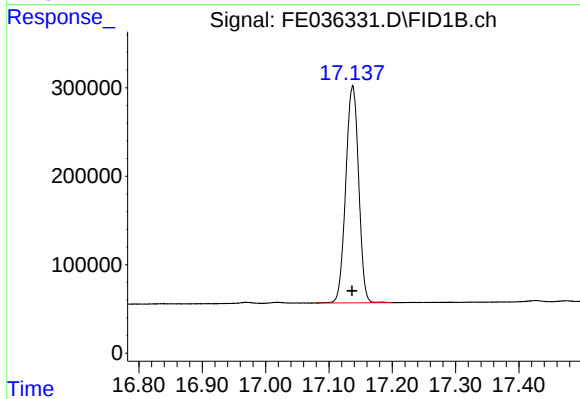
#14 n-Tetracosane (C24)

R.T.: 15.167 min
Delta R.T.: 0.000 min
Response: 3385709
Conc: 19.77 ug/ml



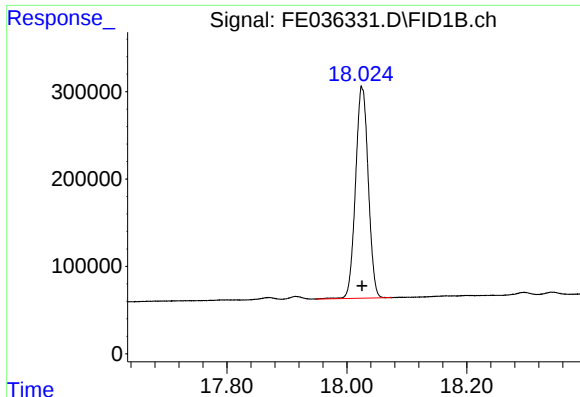
#15 n-Hexacosane (C26)

R.T.: 16.188 min
Delta R.T.: 0.000 min
Response: 3413974
Conc: 20.66 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.138 min
Delta R.T.: 0.000 min
Response: 3472298
Conc: 21.69 ug/ml



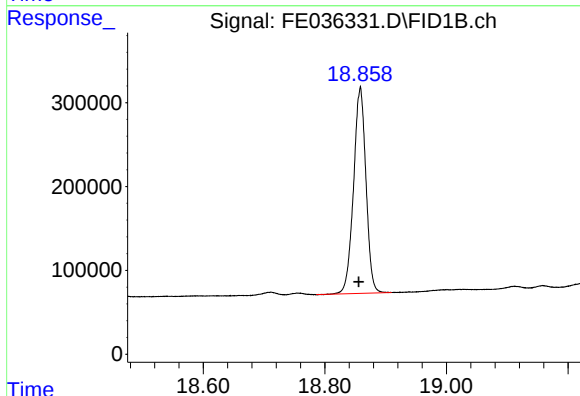
#17 n-Tricontane (C30)

R.T.: 18.025 min
Delta R.T.: 0.000 min
Response: 3568452
Conc: 23.05 ug/ml

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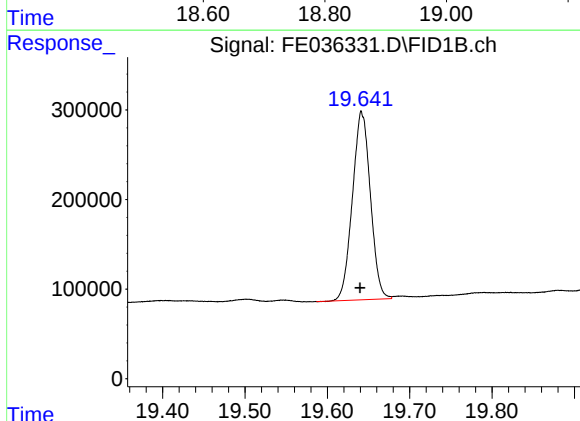
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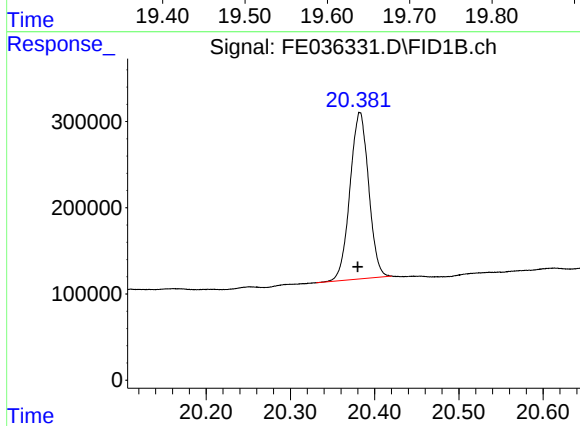
#18 n-Dotriacontane (C32)

R.T.: 18.858 min
Delta R.T.: 0.003 min
Response: 3481438
Conc: 23.82 ug/ml



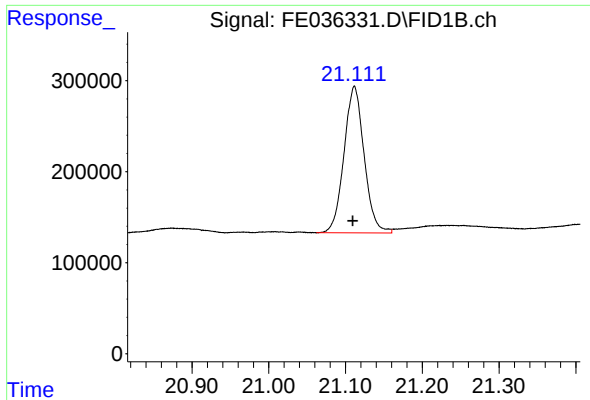
#19 n-Tetratriacontane (C34)

R.T.: 19.642 min
Delta R.T.: 0.002 min
Response: 3187096
Conc: 23.03 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.383 min
Delta R.T.: 0.003 min
Response: 2971677
Conc: 22.14 ug/ml



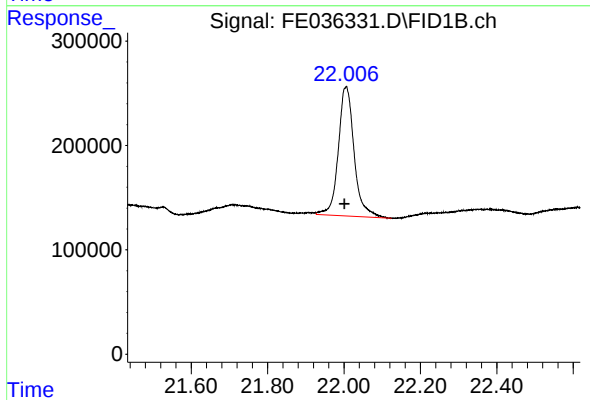
#21 n-Octatriacontane (C38)

R.T.: 21.112 min
Delta R.T.: 0.002 min
Response: 2934022
Conc: 22.06 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.006 min
Delta R.T.: 0.005 min
Response: 3561825
Conc: 25.47 ug/ml m