

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE070122AL\
 Data File : FE036343.D
 Signal(s) : FID1B.ch
 Acq On : 01 Jul 2022 16:42
 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 03:34:23 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)	11.871	3657786	18.308 ug/ml
Spiked Amount 50.000		Recovery =	36.62%
12) S 1-chlorooctadecane (S...	13.308	2850624	18.413 ug/ml
Spiked Amount 50.000		Recovery =	36.83%
Target Compounds			
1) T n-Nonane (C9)	3.262	3309436	18.400 ug/ml
2) T n-Decane (C10)	4.517	3416423	19.006 ug/ml
3) T A~Naphthalene (C11.7)	6.218	3787899	18.879 ug/ml
4) T n-Dodecane (C12)	6.685	3503823	18.917 ug/ml
5) T A~2-methylnaphthalene...	7.313	3826572	18.797 ug/ml
6) T n-Tetradecane (C14)	8.510	3525517	18.858 ug/ml
7) T n-Hexadecane (C16)	10.116	3501171	18.696 ug/ml
8) T n-Octadecane (C18)	11.557	3462973	18.614 ug/ml
10) T n-Eicosane (C20)	12.865	3359733	18.545 ug/ml
11) T n-Heneicosane (C21)	13.476	3308049	18.416 ug/ml
13) T n-Docosane (C22)	14.061	3322503	18.792 ug/ml
14) T n-Tetracosane (C24)	15.164	3372259	19.689 ug/ml
15) T n-Hexacosane (C26)	16.184	3394079	20.543 ug/ml
16) T n-Octacosane (C28)	17.135	3452726	21.570 ug/ml
17) T n-Tricontane (C30)	18.022	3541797	22.877 ug/ml
18) T n-Dotriacontane (C32)	18.853	3482089	23.828 ug/ml
19) T n-Tetratriacontane (C34)	19.639	3165824	22.877 ug/ml
20) T n-Hexatriacontane (C36)	20.378	2934974	21.862 ug/ml
21) T n-Octatriacontane (C38)	21.104	2799693	21.052 ug/ml
22) T n-Tetracontane (C40)	22.000	3305425	23.639 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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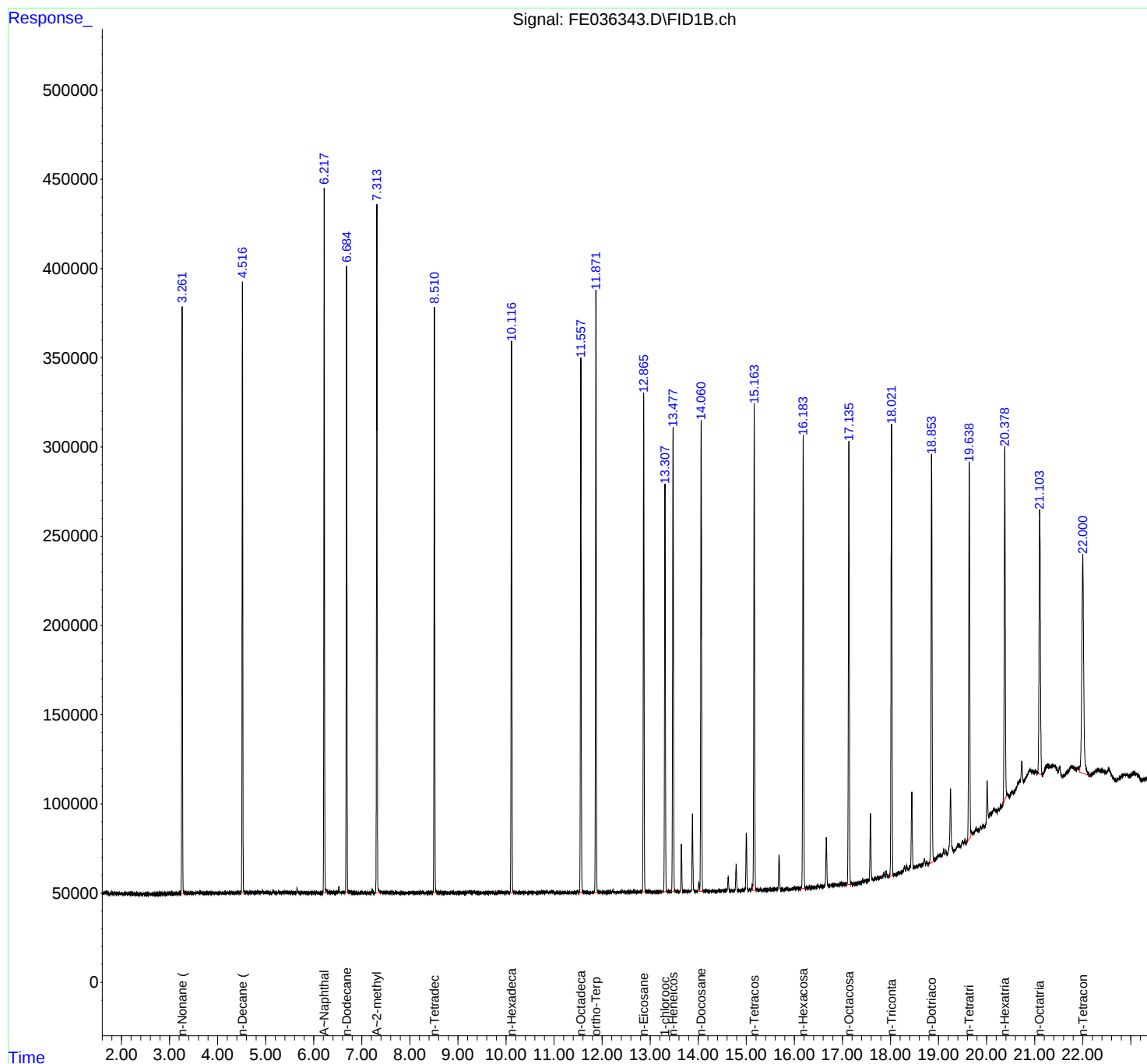
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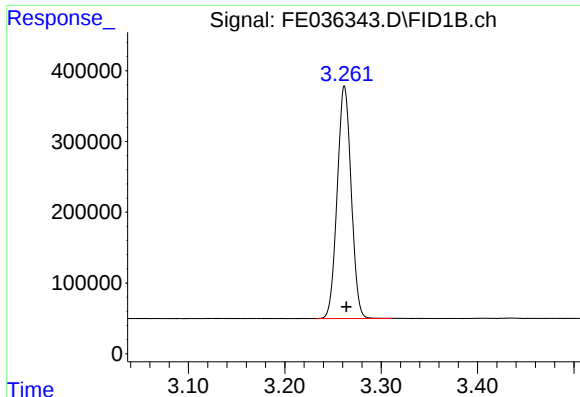
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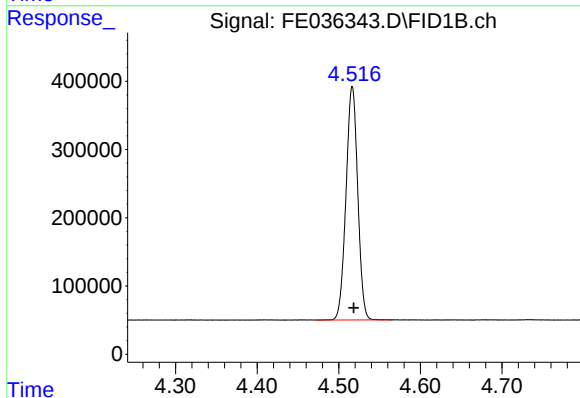
#1 n-Nonane (C9)

R.T.: 3.262 min
Delta R.T.: -0.002 min
Response: 3309436
Conc: 18.40 ug/ml

Instrument :
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20 PPM ALIPHATIC HC STD

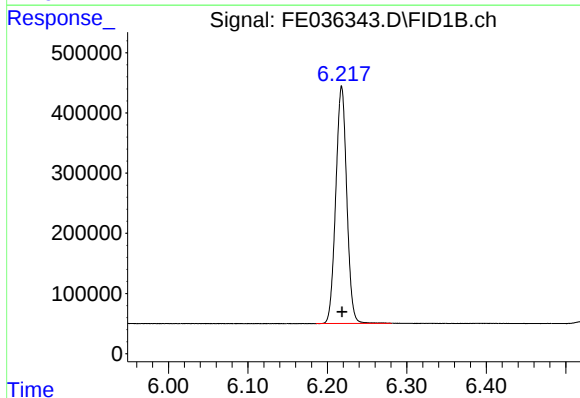
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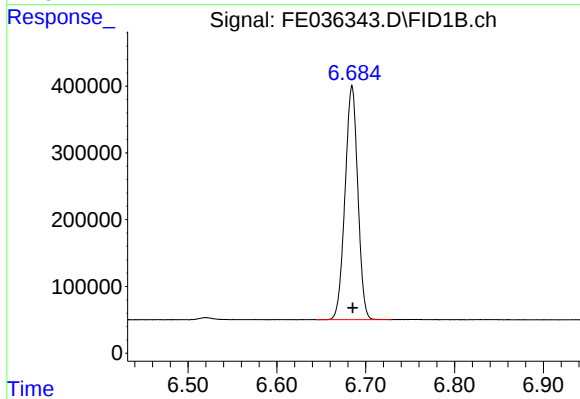
#2 n-Decane (C10)

R.T.: 4.517 min
Delta R.T.: -0.002 min
Response: 3416423
Conc: 19.01 ug/ml



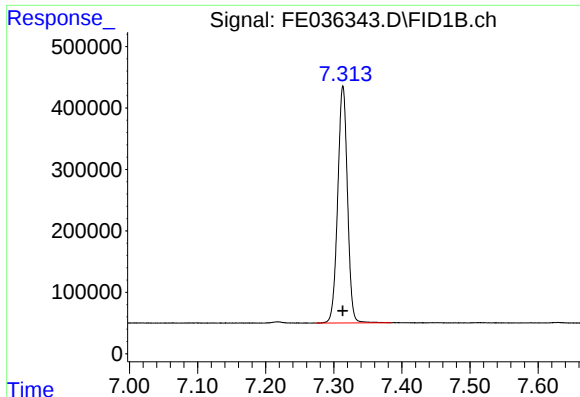
#3 A~Naphthalene (C11.7)

R.T.: 6.218 min
Delta R.T.: 0.000 min
Response: 3787899
Conc: 18.88 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.685 min
Delta R.T.: 0.000 min
Response: 3503823
Conc: 18.92 ug/ml



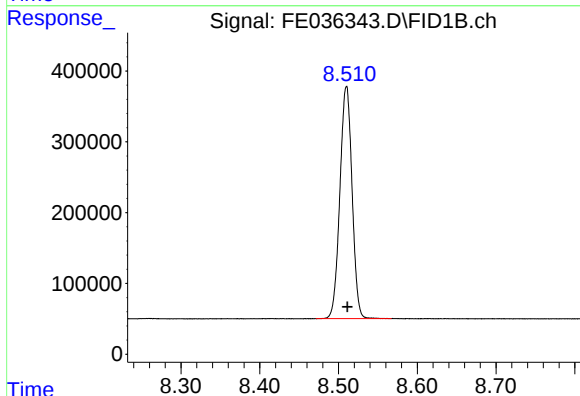
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.313 min
Delta R.T.: 0.000 min
Response: 3826572
Conc: 18.80 ug/ml

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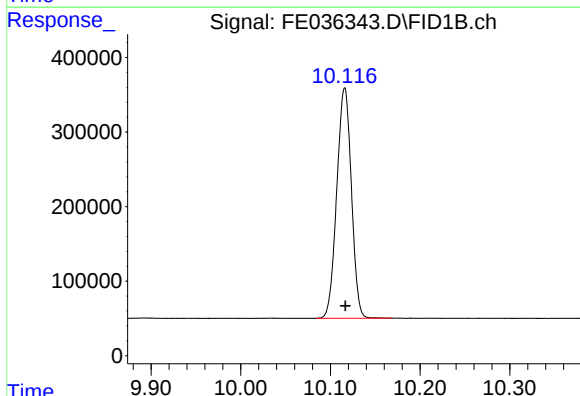
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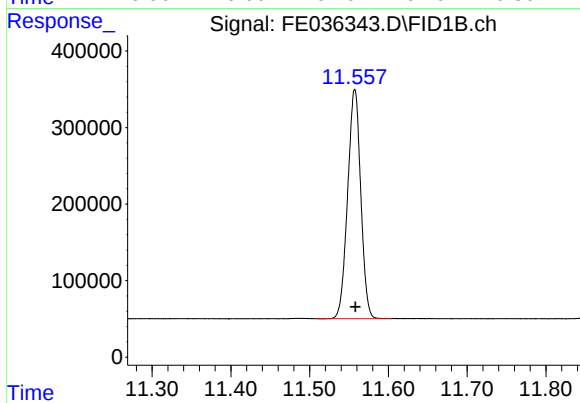
#6 n-Tetradecane (C14)

R.T.: 8.510 min
Delta R.T.: -0.001 min
Response: 3525517
Conc: 18.86 ug/ml



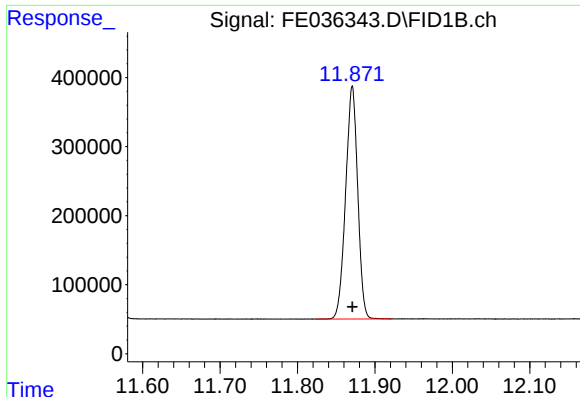
#7 n-Hexadecane (C16)

R.T.: 10.116 min
Delta R.T.: 0.000 min
Response: 3501171
Conc: 18.70 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.557 min
Delta R.T.: 0.000 min
Response: 3462973
Conc: 18.61 ug/ml



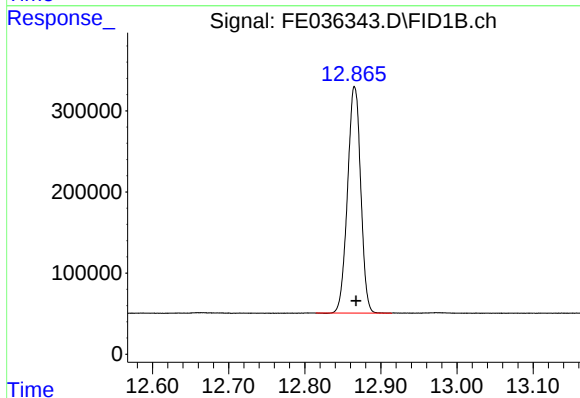
#9 ortho-Terphenyl (SURR)

R.T.: 11.871 min
Delta R.T.: 0.000 min
Response: 3657786
Conc: 18.31 ug/ml

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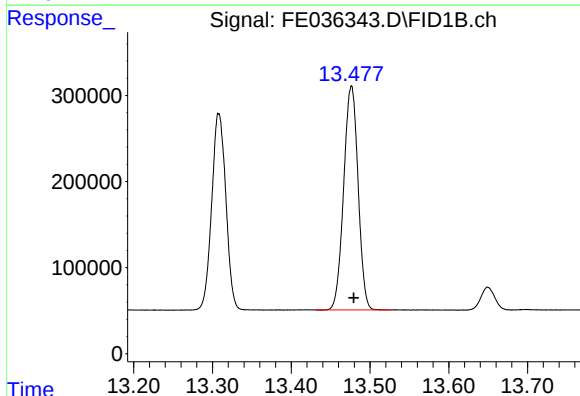
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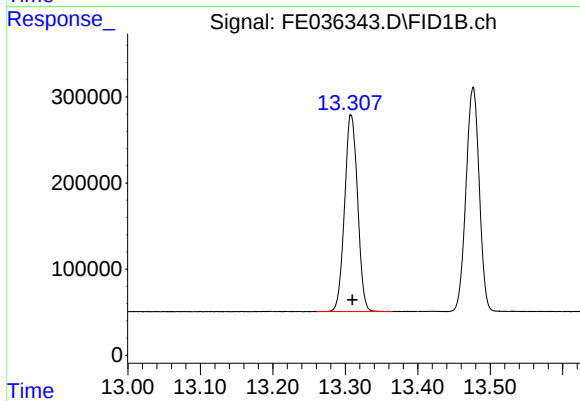
#10 n-Eicosane (C20)

R.T.: 12.865 min
Delta R.T.: -0.002 min
Response: 3359733
Conc: 18.55 ug/ml



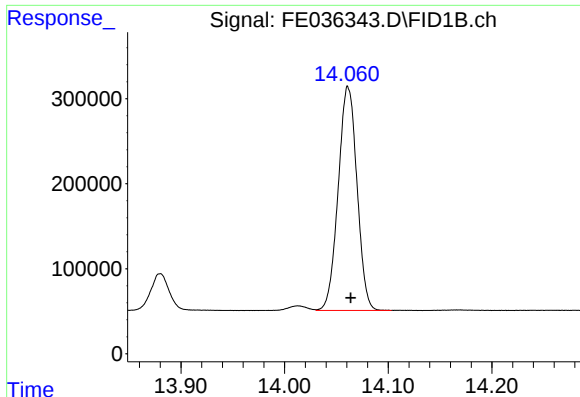
#11 n-Heneicosane (C21)

R.T.: 13.476 min
Delta R.T.: -0.003 min
Response: 3308049
Conc: 18.42 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.308 min
Delta R.T.: -0.002 min
Response: 2850624
Conc: 18.41 ug/ml



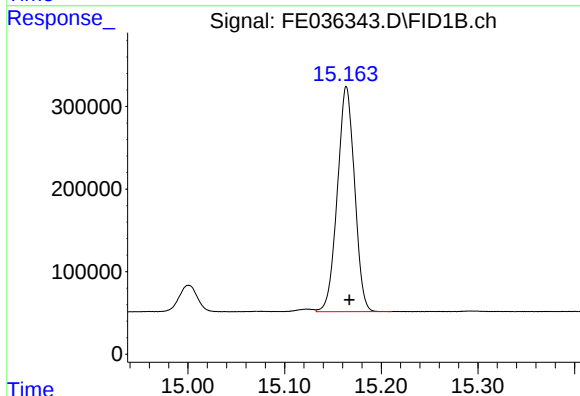
#13 n-Docosane (C22)

R.T.: 14.061 min
Delta R.T.: -0.003 min
Response: 3322503
Conc: 18.79 ug/ml

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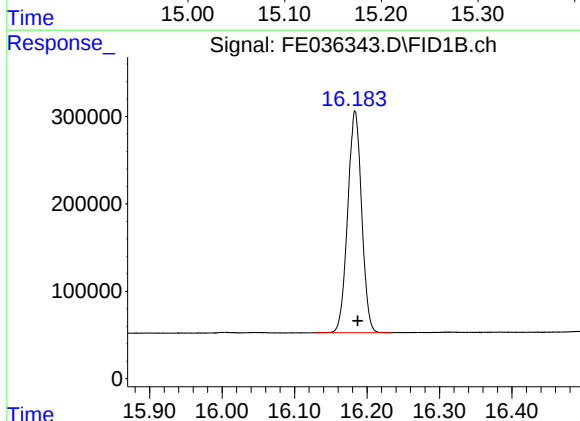
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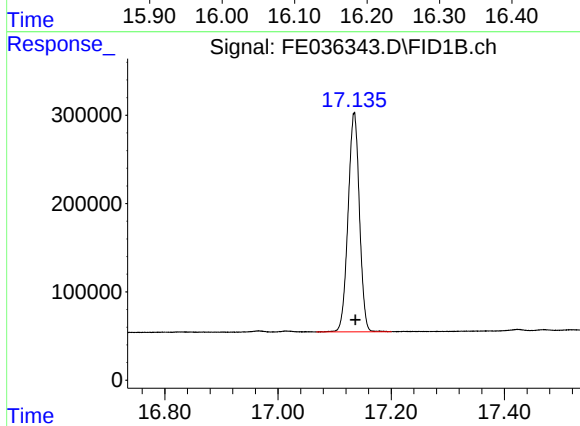
#14 n-Tetracosane (C24)

R.T.: 15.164 min
Delta R.T.: -0.003 min
Response: 3372259
Conc: 19.69 ug/ml



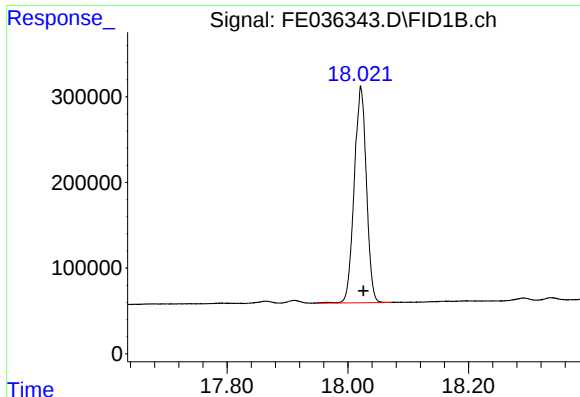
#15 n-Hexacosane (C26)

R.T.: 16.184 min
Delta R.T.: -0.004 min
Response: 3394079
Conc: 20.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.135 min
Delta R.T.: -0.002 min
Response: 3452726
Conc: 21.57 ug/ml



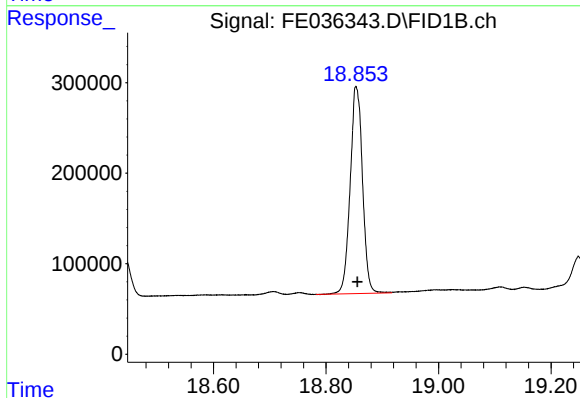
#17 n-Tricontane (C30)

R.T.: 18.022 min
Delta R.T.: -0.004 min
Response: 3541797
Conc: 22.88 ug/ml

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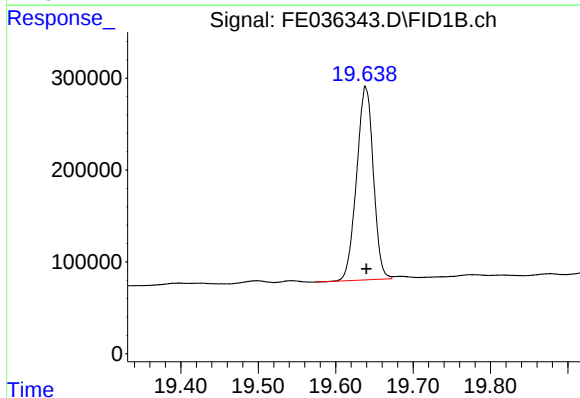
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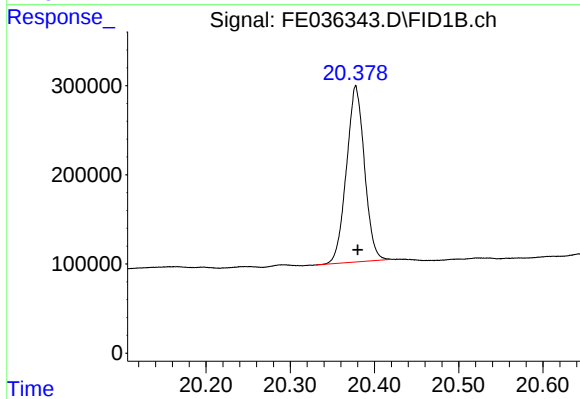
#18 n-Dotriacontane (C32)

R.T.: 18.853 min
Delta R.T.: -0.002 min
Response: 3482089
Conc: 23.83 ug/ml



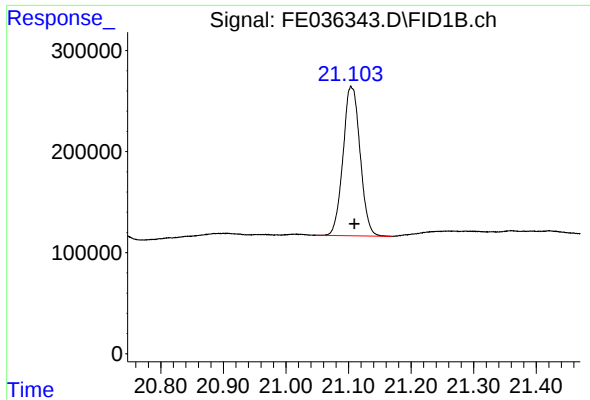
#19 n-Tetratriacontane (C34)

R.T.: 19.639 min
Delta R.T.: 0.000 min
Response: 3165824
Conc: 22.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.378 min
Delta R.T.: -0.002 min
Response: 2934974
Conc: 21.86 ug/ml



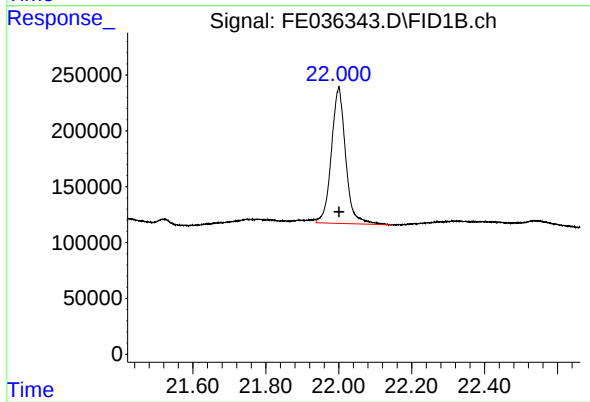
#21 n-Octatriacontane (C38)

R.T.: 21.104 min
Delta R.T.: -0.005 min
Response: 2799693
Conc: 21.05 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.000 min
Delta R.T.: 0.000 min
Response: 3305425
Conc: 23.64 ug/ml m