

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE101722AL\
 Data File : FE038200.D
 Signal(s) : FID1B.ch
 Acq On : 17 Oct 2022 15:14
 Operator : YP\AJ
 Sample : N5115-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 WASTEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/18/2022
 Supervised By :Ankita Jodhani 10/19/2022

Integration File: autoint1.e
 Quant Time: Oct 18 04:11:18 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 092822.M
 Quant Title : GC Extractables
 QLast Update : Wed Sep 28 06:23:29 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			
12) S 1-chlorooctadecane (S...	13.028	6508901	48.156 ug/ml
Spiked Amount 50.000		Recovery =	96.31%
Target Compounds			
1) T n-Nonane (C9)	2.993	3086444	20.956 ug/ml
2) T n-Decane (C10)	4.251	3770321	25.501 ug/ml
4) T n-Dodecane (C12)	6.425	4428654	29.063 ug/ml
6) T n-Tetradecane (C14)	8.245	4795473	31.332 ug/ml
7) T n-Hexadecane (C16)	9.845	5158444	33.025 ug/ml
8) T n-Octadecane (C18)	11.280	5571359	34.734 ug/ml
10) T n-Eicosane (C20)	12.582	5488457	33.657 ug/ml
11) T n-Heneicosane (C21)	13.192	5420163	32.896 ug/ml
13) T n-Docosane (C22)	13.775	5327500	32.364 ug/ml
14) T n-Tetracosane (C24)	14.872	5224049	31.853 ug/ml
15) T n-Hexacosane (C26)	15.888	5069100	31.087 ug/ml
16) T n-Octacosane (C28)	16.833	4963614	30.984 ug/ml
17) T n-Tricontane (C30)	17.717	4896662	30.599 ug/ml
18) T n-Dotriacontane (C32)	18.545	4830296	30.674 ug/ml
19) T n-Tetratriacontane (C34)	19.325	5004195	33.776 ug/ml
20) T n-Hexatriacontane (C36)	20.062	4843531	33.597 ug/ml
21) T n-Octatriacontane (C38)	20.761	4957567	36.533 ug/mlm
22) T n-Tetracontane (C40)	21.531	5189281	40.766 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : N5115-01MS
Misc :
ALS Vial : 19 Sample Multiplier: 1

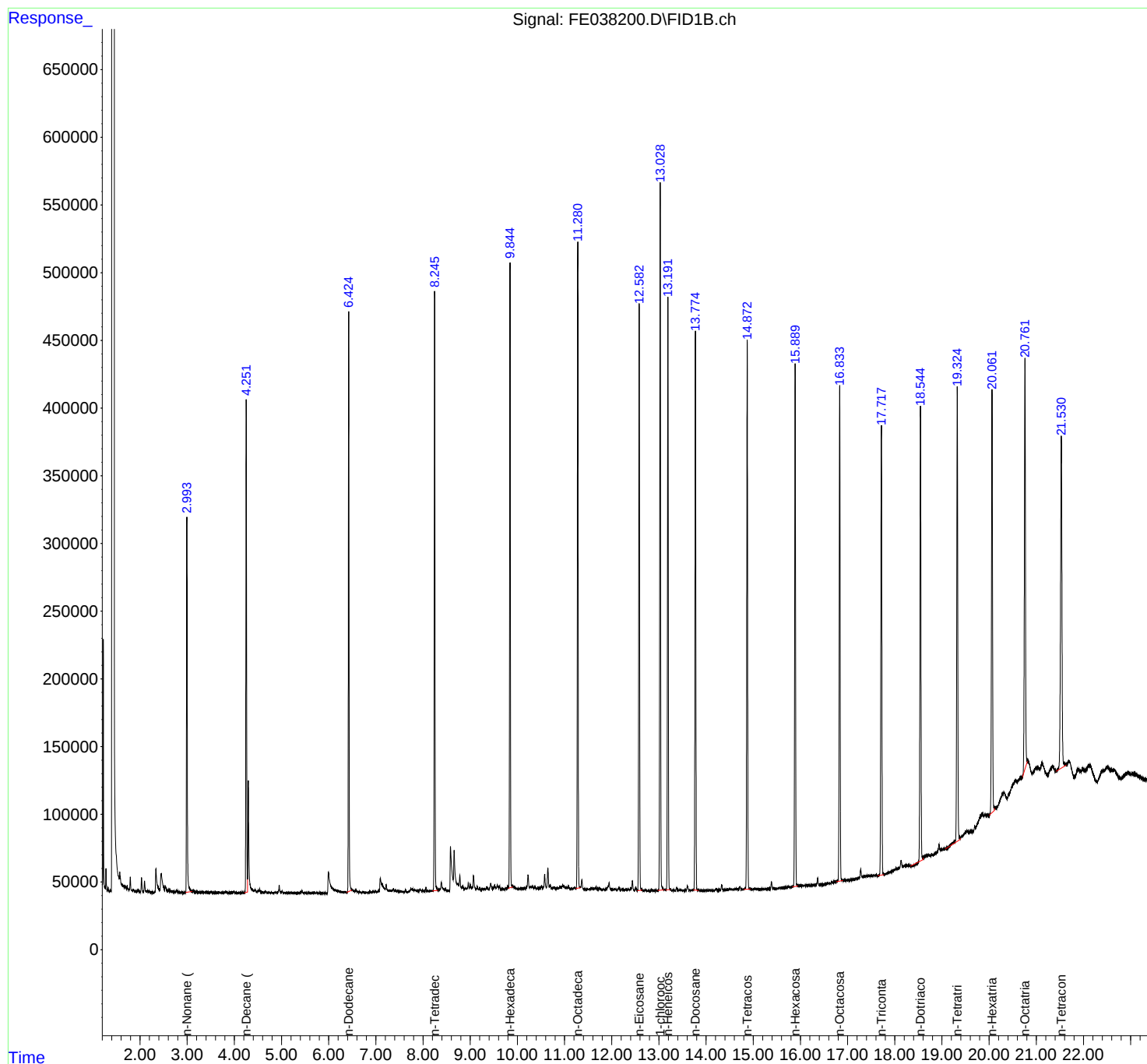
Instrument :
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ClientSampleId :
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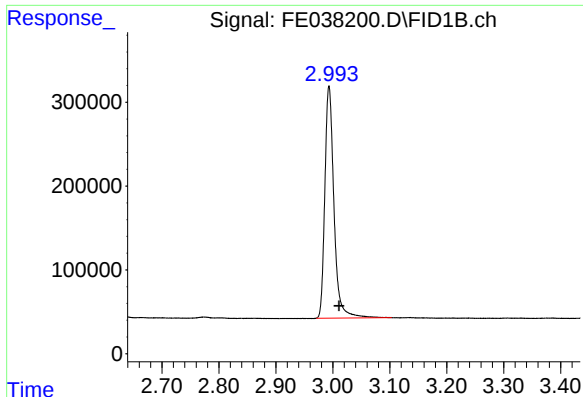
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 2.993 min
Delta R.T.: -0.018 min
Response: 3086444
Conc: 20.96 ug/ml

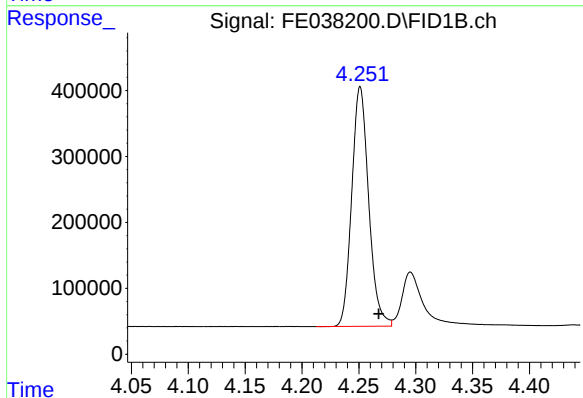
Instrument :

FID_E

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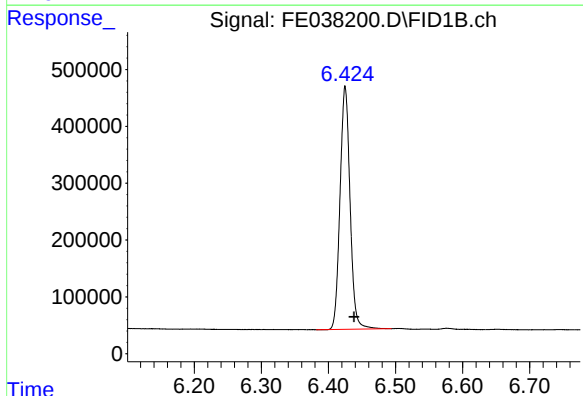
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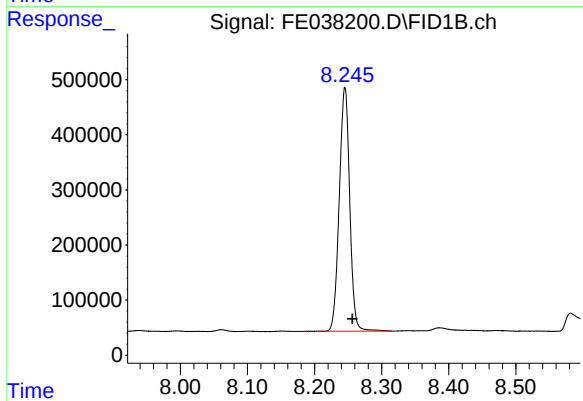
#2 n-Decane (C10)

R.T.: 4.251 min
Delta R.T.: -0.016 min
Response: 3770321
Conc: 25.50 ug/ml



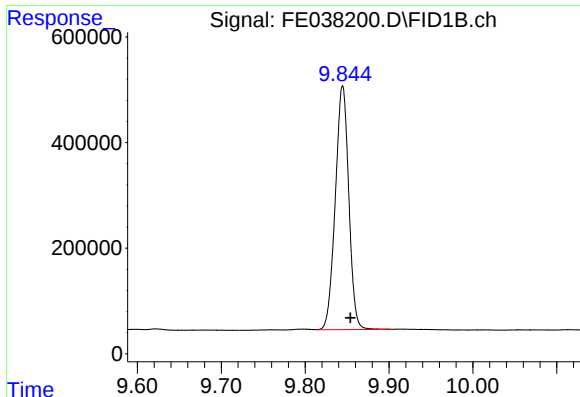
#4 n-Dodecane (C12)

R.T.: 6.425 min
Delta R.T.: -0.013 min
Response: 4428654
Conc: 29.06 ug/ml



#6 n-Tetradecane (C14)

R.T.: 8.245 min
Delta R.T.: -0.011 min
Response: 4795473
Conc: 31.33 ug/ml



#7 n-Hexadecane (C16)

R.T.: 9.845 min
Delta R.T.: -0.009 min
Response: 5158444
Conc: 33.02 ug/ml

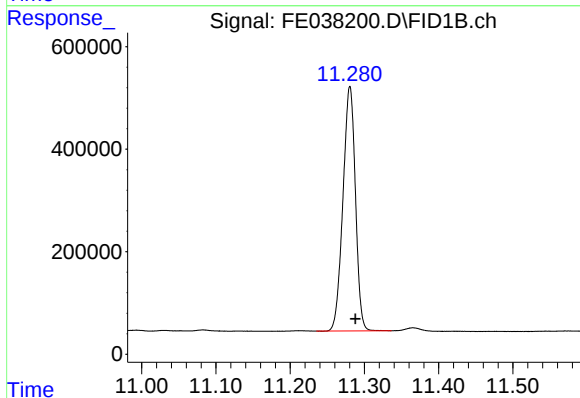
Instrument :

FID_E

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WASTEMS

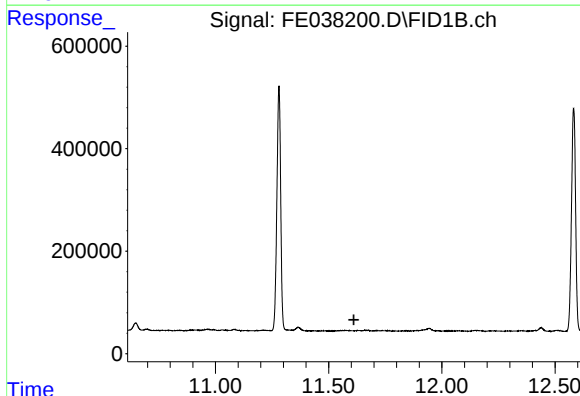
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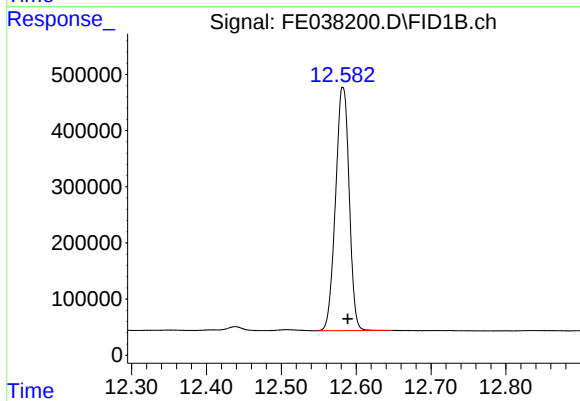
#8 n-Octadecane (C18)

R.T.: 11.280 min
Delta R.T.: -0.007 min
Response: 5571359
Conc: 34.73 ug/ml



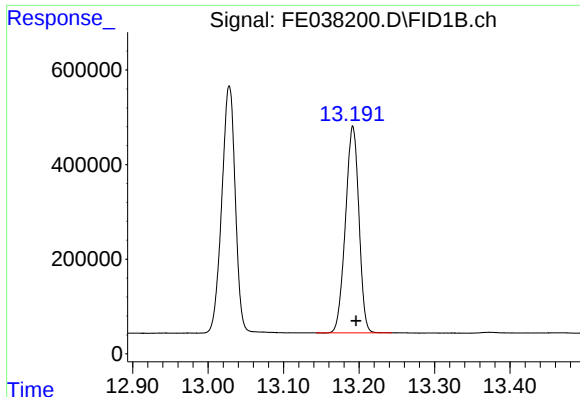
#9 ortho-Terphenyl (SURR)

R.T.: 0.000 min
Exp R.T. : 11.612 min
Response: 0
Conc: N.D.



#10 n-Eicosane (C20)

R.T.: 12.582 min
Delta R.T.: -0.006 min
Response: 5488457
Conc: 33.66 ug/ml



#11 n-Heneicosane (C21)

R.T.: 13.192 min
Delta R.T.: -0.004 min
Response: 5420163
Conc: 32.90 ug/ml

Instrument :

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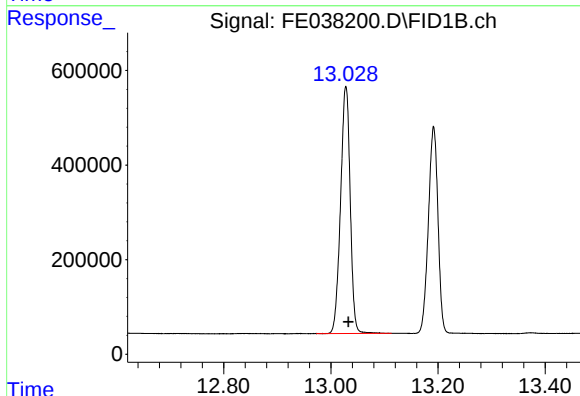
ClientSampleId :

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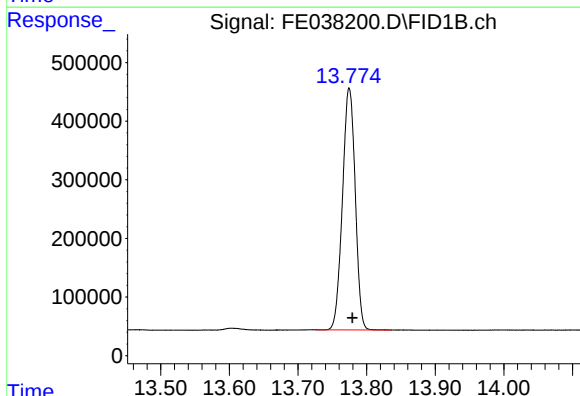
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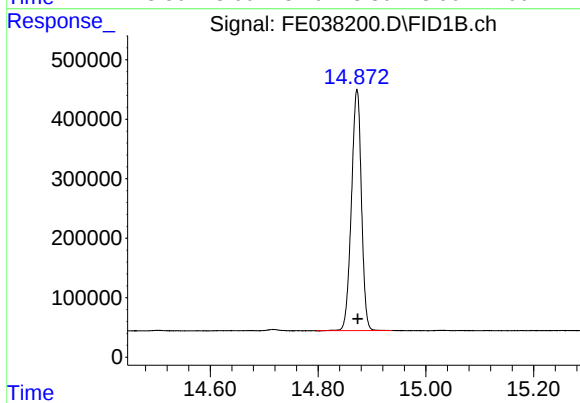
#12 1-chlorooctadecane (SURR)

R.T.: 13.028 min
Delta R.T.: -0.005 min
Response: 6508901
Conc: 48.16 ug/ml



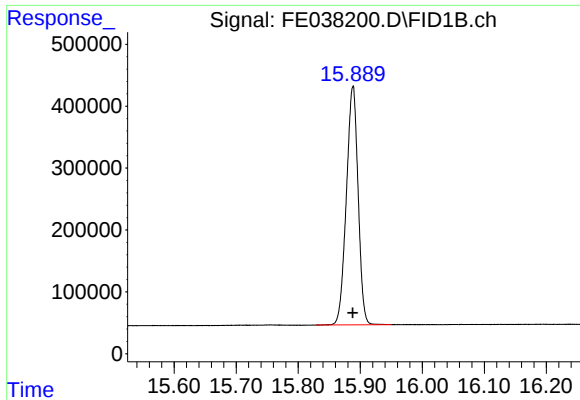
#13 n-Docosane (C22)

R.T.: 13.775 min
Delta R.T.: -0.005 min
Response: 5327500
Conc: 32.36 ug/ml



#14 n-Tetracosane (C24)

R.T.: 14.872 min
Delta R.T.: -0.002 min
Response: 5224049
Conc: 31.85 ug/ml



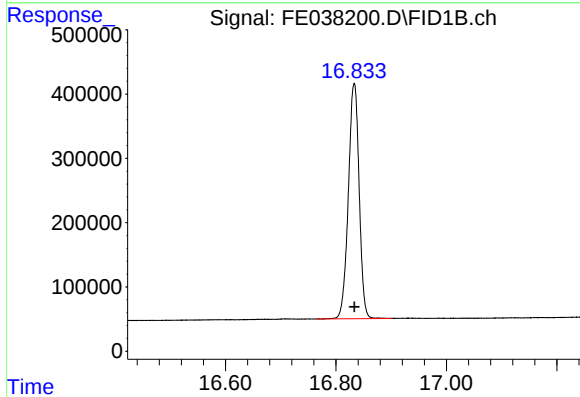
#15 n-Hexacosane (C26)

R.T.: 15.888 min
Delta R.T.: 0.000 min
Response: 5069100
Conc: 31.09 ug/ml

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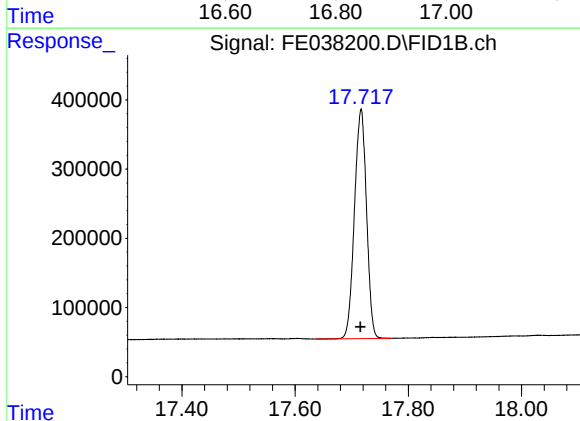
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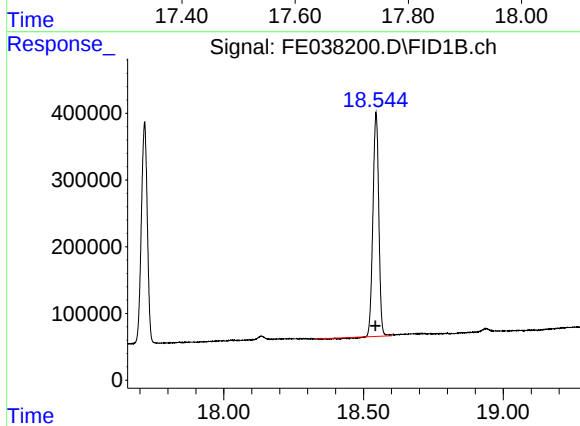
#16 n-Octacosane (C28)

R.T.: 16.833 min
Delta R.T.: 0.000 min
Response: 4963614
Conc: 30.98 ug/ml



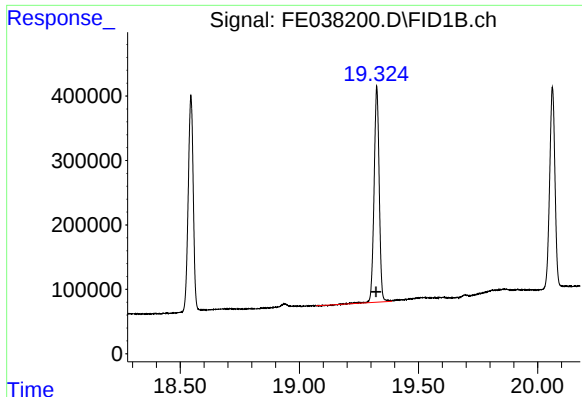
#17 n-Tricontane (C30)

R.T.: 17.717 min
Delta R.T.: 0.001 min
Response: 4896662
Conc: 30.60 ug/ml



#18 n-Dotriacontane (C32)

R.T.: 18.545 min
Delta R.T.: 0.002 min
Response: 4830296
Conc: 30.67 ug/ml



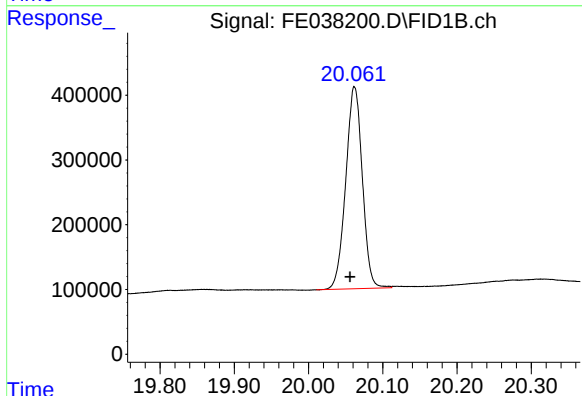
#19 n-Tetratriacontane (C34)

R.T.: 19.325 min
Delta R.T.: 0.003 min
Response: 5004195
Conc: 33.78 ug/ml

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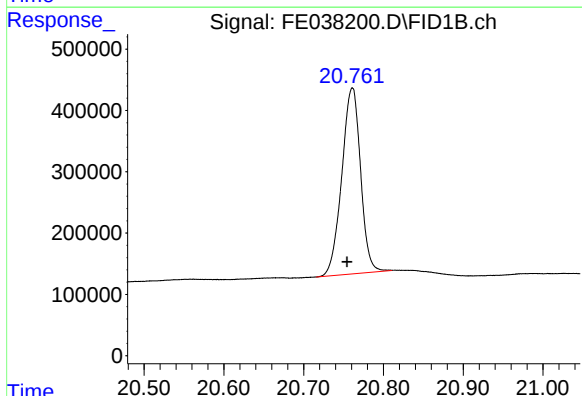
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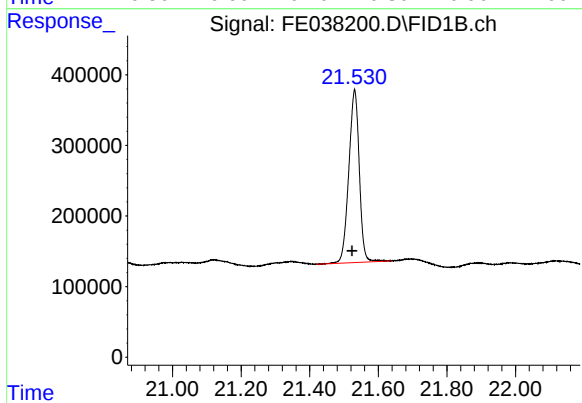
#20 n-Hexatriacontane (C36)

R.T.: 20.062 min
Delta R.T.: 0.006 min
Response: 4843531
Conc: 33.60 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.761 min
Delta R.T.: 0.006 min
Response: 4957567
Conc: 36.53 ug/ml m



#22 n-Tetracontane (C40)

R.T.: 21.531 min
Delta R.T.: 0.008 min
Response: 5189281
Conc: 40.77 ug/ml