

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032923AL\
 Data File : FE041087.D
 Signal(s) : FID1B.ch
 Acq On : 29 Mar 2023 22:59
 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 03/30/2023
 Supervised By :Ankita Jodhani 03/30/2023

Integration File: autoint1.e
 Quant Time: Mar 30 01:46:34 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 032523.M
 Quant Title : GC Extractables
 QLast Update : Sat Mar 25 06:32:15 2023
 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)	11.852	3794436	20.190 ug/ml
Spiked Amount 50.000		Recovery =	40.38%
12) S 1-chlorooctadecane (S...	13.291	2933081	20.386 ug/ml
Spiked Amount 50.000		Recovery =	40.77%
Target Compounds			
1) T n-Nonane (C9)	3.251	3449075	19.878 ug/ml
2) T n-Decane (C10)	4.498	3421980	20.104 ug/ml
3) T A~Naphthalene (C11.7)	6.200	3786975	20.704 ug/ml
4) T n-Dodecane (C12)	6.663	3474841	20.032 ug/ml
5) T A~2-methylnaphthalene...	7.296	3571161	21.563 ug/ml
6) T n-Tetradecane (C14)	8.489	3490883	20.021 ug/ml
7) T n-Hexadecane (C16)	10.096	3570190	20.074 ug/ml
8) T n-Octadecane (C18)	11.538	3592206	20.119 ug/ml
10) T n-Eicosane (C20)	12.847	3447776	20.213 ug/ml
11) T n-Heneicosane (C21)	13.460	3416435	20.194 ug/ml
13) T n-Docosane (C22)	14.046	3351896	20.255 ug/ml
14) T n-Tetracosane (C24)	15.149	3279097	20.268 ug/ml
15) T n-Hexacosane (C26)	16.172	3143078	20.276 ug/ml
16) T n-Octacosane (C28)	17.122	3095883	20.211 ug/ml
17) T n-Tricontane (C30)	18.012	3092715	20.233 ug/ml
18) T n-Dotriacontane (C32)	18.845	3152198	20.190 ug/ml
19) T n-Tetratriacontane (C34)	19.628	3130433	20.200 ug/mlm
20) T n-Hexatriacontane (C36)	20.371	3041656	20.024 ug/ml
21) T n-Octatriacontane (C38)	21.098	3131055	20.043 ug/mlm
22) T n-Tetracontane (C40)	21.981	3271798	20.499 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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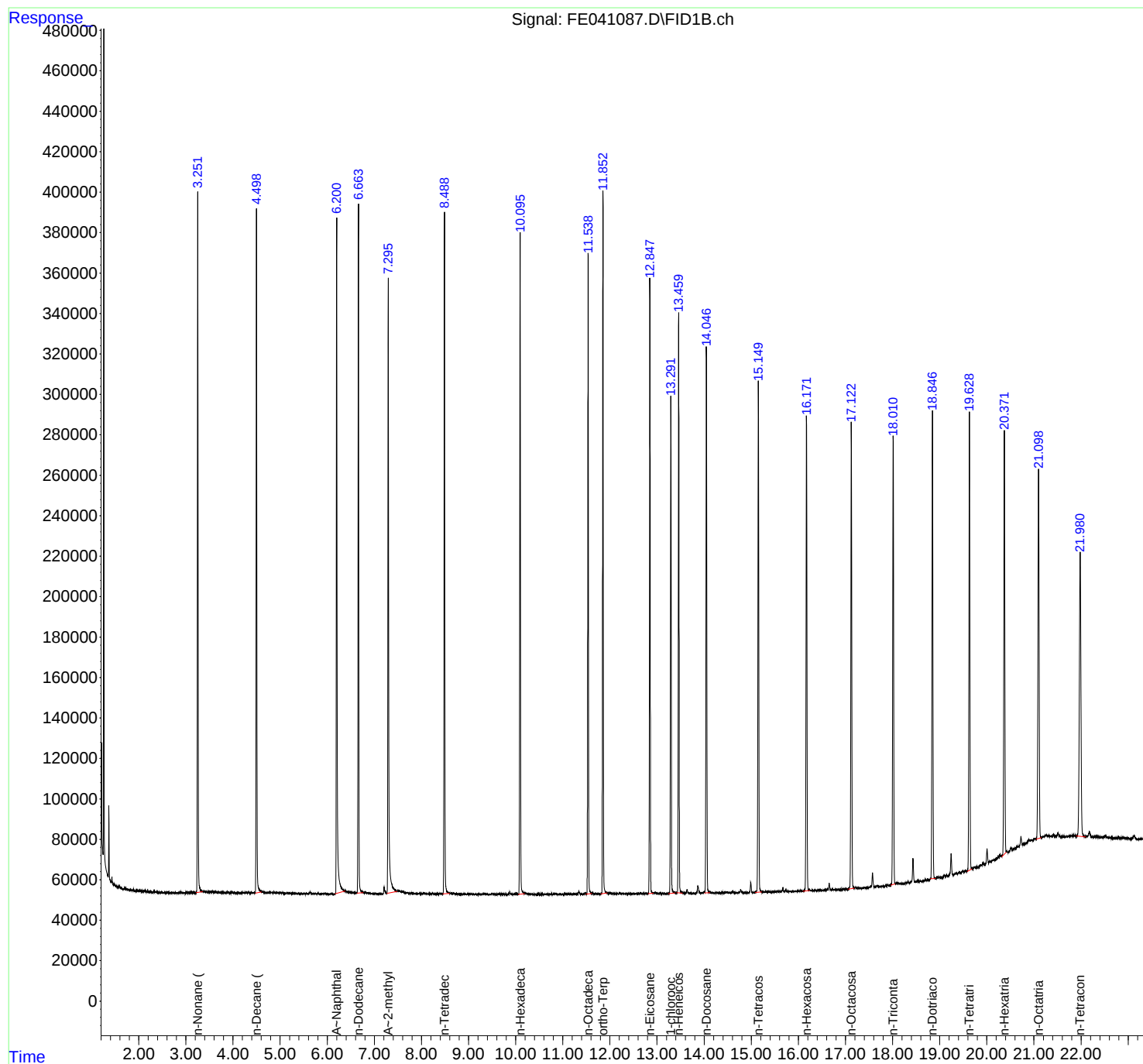
Instrument :
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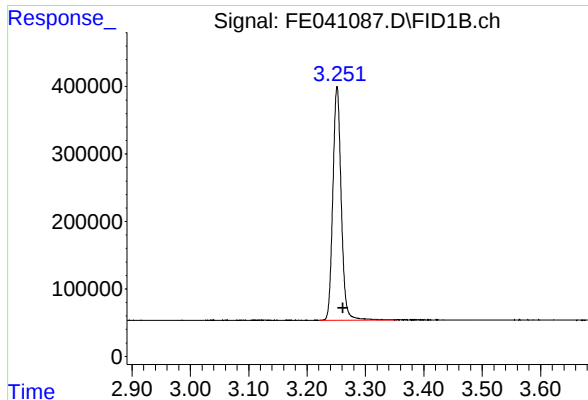
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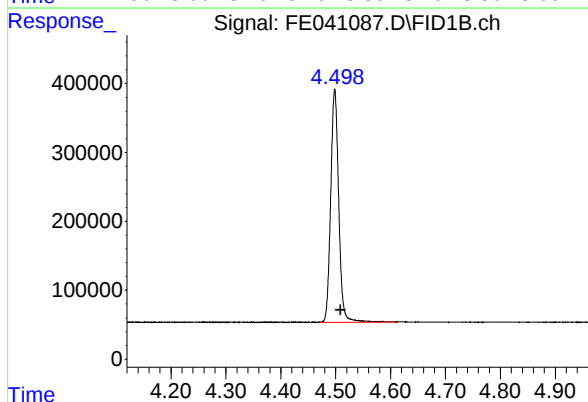
#1 n-Nonane (C9)

R.T.: 3.251 min
Delta R.T.: -0.011 min
Response: 3449075
Conc: 19.88 ug/ml

Instrument : FID_E
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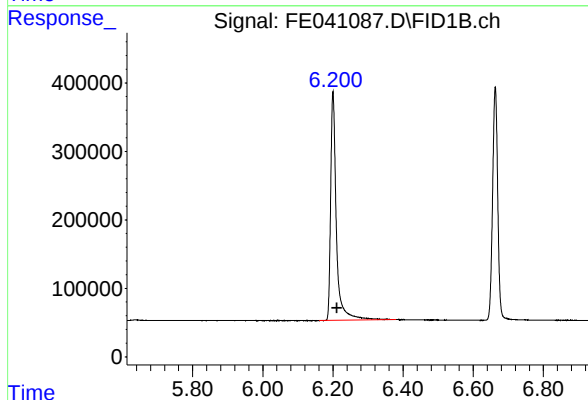
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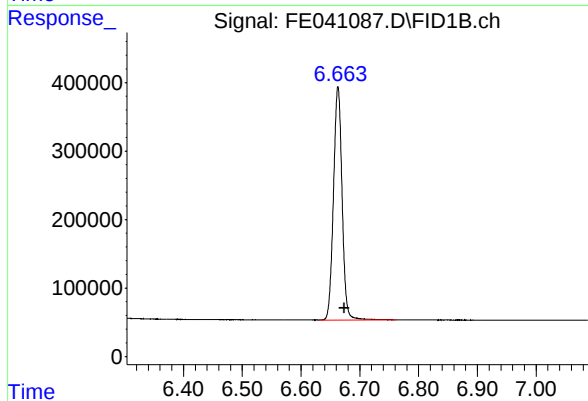
#2 n-Decane (C10)

R.T.: 4.498 min
Delta R.T.: -0.010 min
Response: 3421980
Conc: 20.10 ug/ml



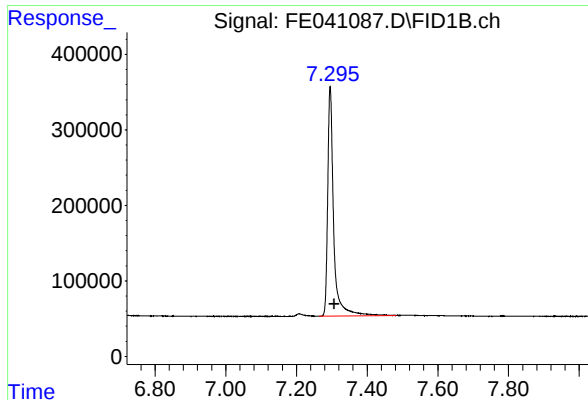
#3 A~Naphthalene (C11.7)

R.T.: 6.200 min
Delta R.T.: -0.012 min
Response: 3786975
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.663 min
Delta R.T.: -0.011 min
Response: 3474841
Conc: 20.03 ug/ml



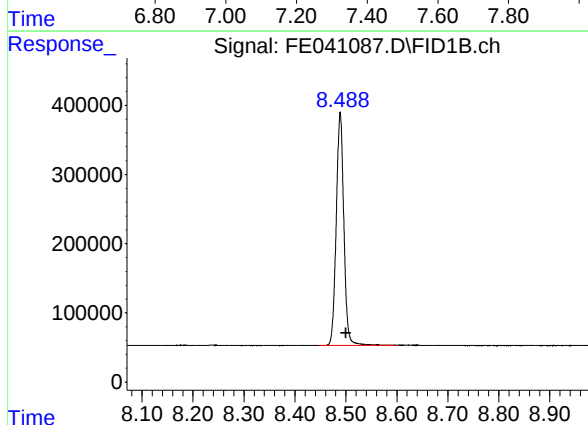
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.296 min
Delta R.T.: -0.012 min
Response: 3571161
Conc: 21.56 ug/ml

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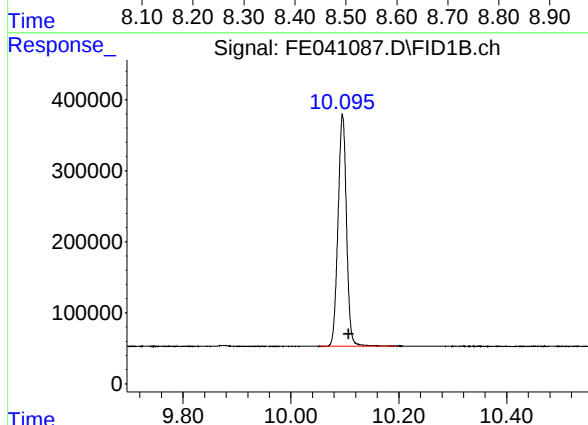
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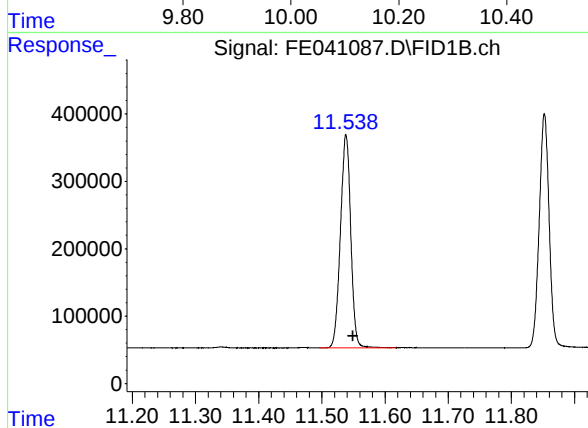
#6 n-Tetradecane (C14)

R.T.: 8.489 min
Delta R.T.: -0.011 min
Response: 3490883
Conc: 20.02 ug/ml



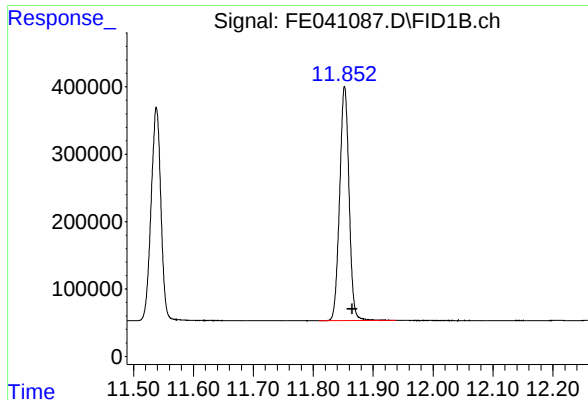
#7 n-Hexadecane (C16)

R.T.: 10.096 min
Delta R.T.: -0.011 min
Response: 3570190
Conc: 20.07 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.538 min
Delta R.T.: -0.011 min
Response: 3592206
Conc: 20.12 ug/ml



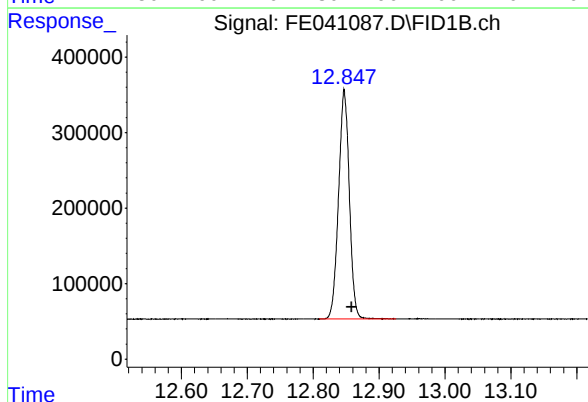
#9 ortho-Terphenyl (SURR)

R.T.: 11.852 min
Delta R.T.: -0.013 min
Response: 3794436
Conc: 20.19 ug/ml

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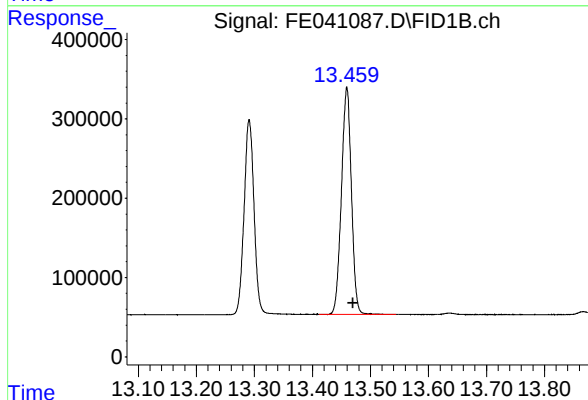
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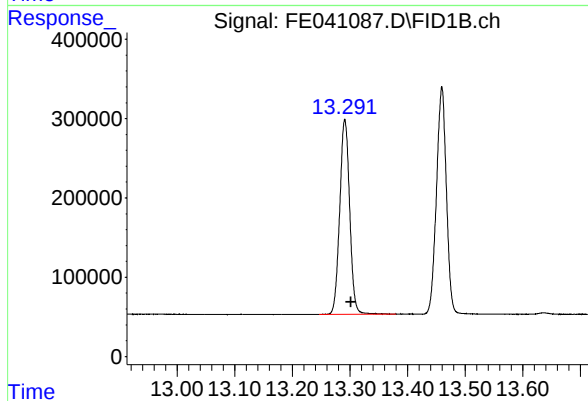
#10 n-Eicosane (C20)

R.T.: 12.847 min
Delta R.T.: -0.011 min
Response: 3447776
Conc: 20.21 ug/ml



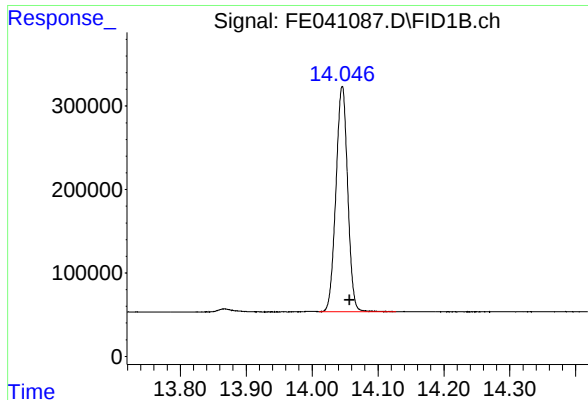
#11 n-Heneicosane (C21)

R.T.: 13.460 min
Delta R.T.: -0.010 min
Response: 3416435
Conc: 20.19 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.291 min
Delta R.T.: -0.011 min
Response: 2933081
Conc: 20.39 ug/ml



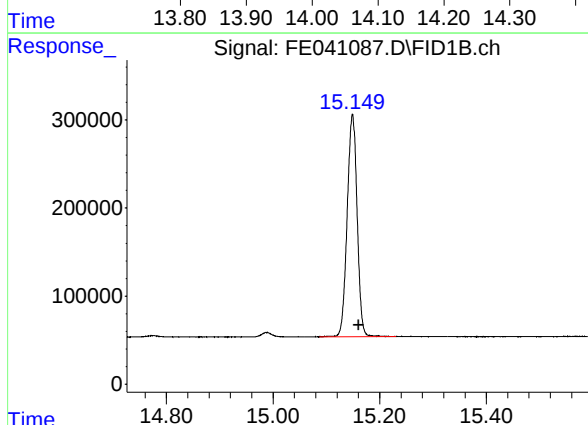
#13 n-Docosane (C22)

R.T.: 14.046 min
Delta R.T.: -0.011 min
Response: 3351896
Conc: 20.25 ug/ml

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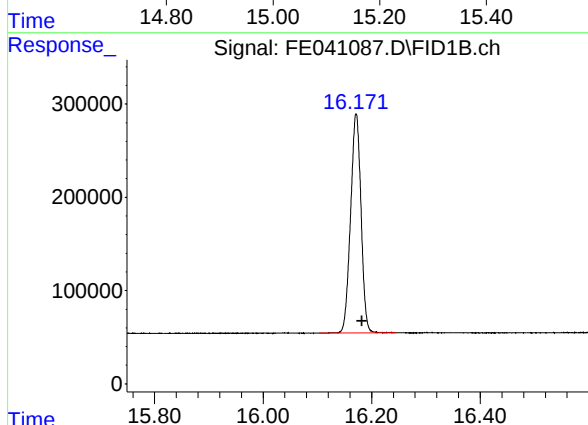
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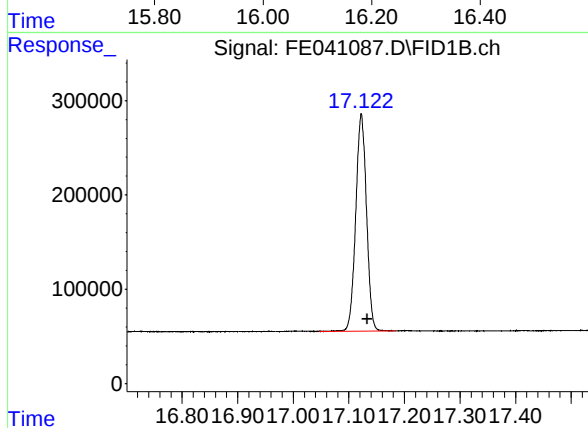
#14 n-Tetracosane (C24)

R.T.: 15.149 min
Delta R.T.: -0.012 min
Response: 3279097
Conc: 20.27 ug/ml



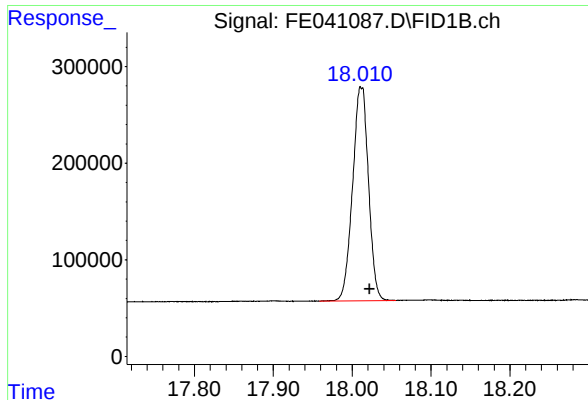
#15 n-Hexacosane (C26)

R.T.: 16.172 min
Delta R.T.: -0.010 min
Response: 3143078
Conc: 20.28 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.122 min
Delta R.T.: -0.011 min
Response: 3095883
Conc: 20.21 ug/ml



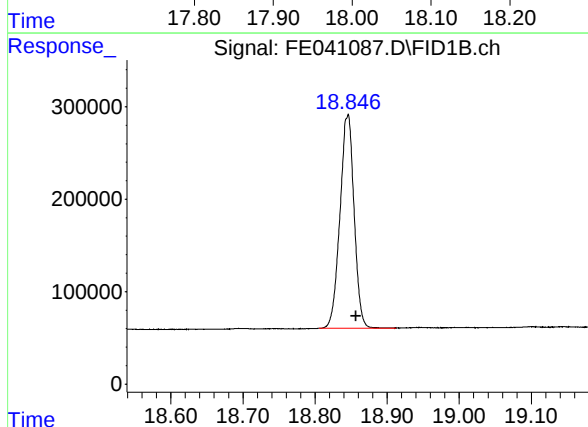
#17 n-Tricontane (C30)

R.T.: 18.012 min
Delta R.T.: -0.011 min
Response: 3092715
Conc: 20.23 ug/ml

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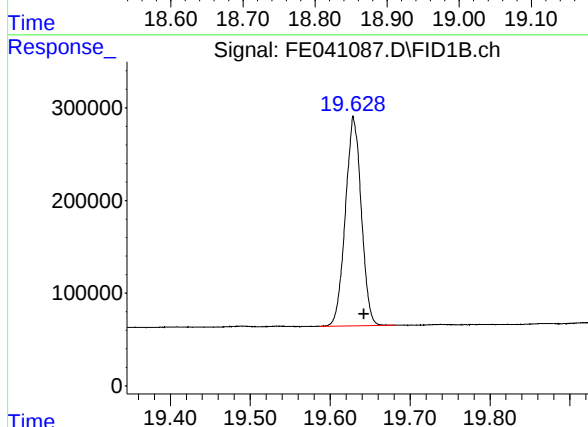
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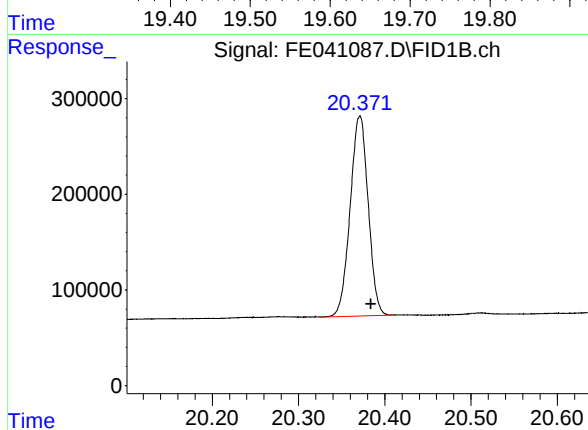
#18 n-Dotriacontane (C32)

R.T.: 18.845 min
Delta R.T.: -0.011 min
Response: 3152198
Conc: 20.19 ug/ml



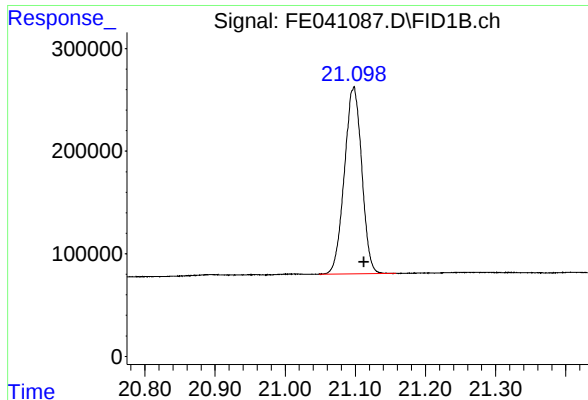
#19 n-Tetratriacontane (C34)

R.T.: 19.628 min
Delta R.T.: -0.014 min
Response: 3130433
Conc: 20.20 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.371 min
Delta R.T.: -0.013 min
Response: 3041656
Conc: 20.02 ug/ml



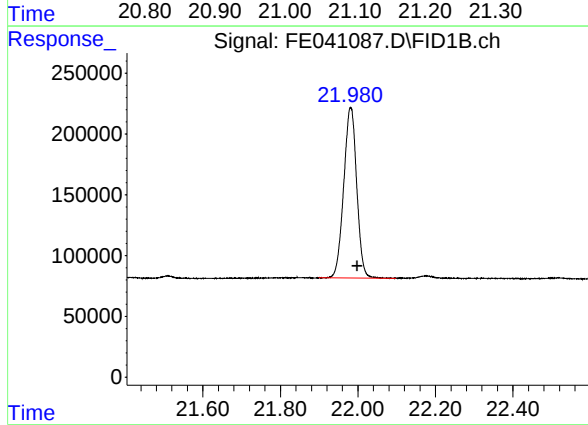
#21 n-Octatriacontane (C38)

R.T.: 21.098 min
Delta R.T.: -0.014 min
Response: 3131055
Conc: 20.04 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.981 min
Delta R.T.: -0.017 min
Response: 3271798
Conc: 20.50 ug/ml