

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112122AL\
 Data File : FE038856.D
 Signal(s) : FID1B.ch
 Acq On : 21 Nov 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 11/22/2022
 Supervised By :Ankita Jodhani 11/22/2022

Integration File: sample.E
 Quant Time: Nov 21 15:58:44 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 111922.M
 Quant Title : GC Extractables
 QLast Update : Sat Nov 19 05:37:37 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)	11.954	2751460	17.588 ug/ml
Spiked Amount 50.000		Recovery =	35.18%
12) S 1-chlorooctadecane (S...	13.388	2067861	17.127 ug/ml
Spiked Amount 50.000		Recovery =	34.25%
Target Compounds			
1) T n-Nonane (C9)	3.350	2499817	17.636 ug/ml
2) T n-Decane (C10)	4.599	2456671	17.626 ug/ml
3) T A~Naphthalene (C11.7)	6.302	2807479	17.651 ug/ml
4) T n-Dodecane (C12)	6.762	2477463	17.576 ug/ml
5) T A~2-methylnaphthalene...	7.396	2628515	17.562 ug/ml
6) T n-Tetradecane (C14)	8.588	2501047	17.512 ug/ml
7) T n-Hexadecane (C16)	10.193	2561954	17.522 ug/ml
8) T n-Octadecane (C18)	11.636	2581545	17.544 ug/ml
10) T n-Eicosane (C20)	12.944	2483470	17.494 ug/ml
11) T n-Heneicosane (C21)	13.555	2483275	17.476 ug/ml
13) T n-Docosane (C22)	14.141	2439996	17.455 ug/ml
14) T n-Tetracosane (C24)	15.244	2402727	17.398 ug/ml
15) T n-Hexacosane (C26)	16.264	2339423	17.418 ug/ml
16) T n-Octacosane (C28)	17.213	2303308	17.344 ug/ml
17) T n-Tricontane (C30)	18.100	2290569	17.345 ug/ml
18) T n-Dotriacontane (C32)	18.933	2311807	17.334 ug/ml
19) T n-Tetratriacontane (C34)	19.715	2359079	17.828 ug/mlm
20) T n-Hexatriacontane (C36)	20.457	2323240	18.084 ug/ml
21) T n-Octatriacontane (C38)	21.199	2306715	17.604 ug/mlm
22) T n-Tetracontane (C40)	22.119	2373511	17.431 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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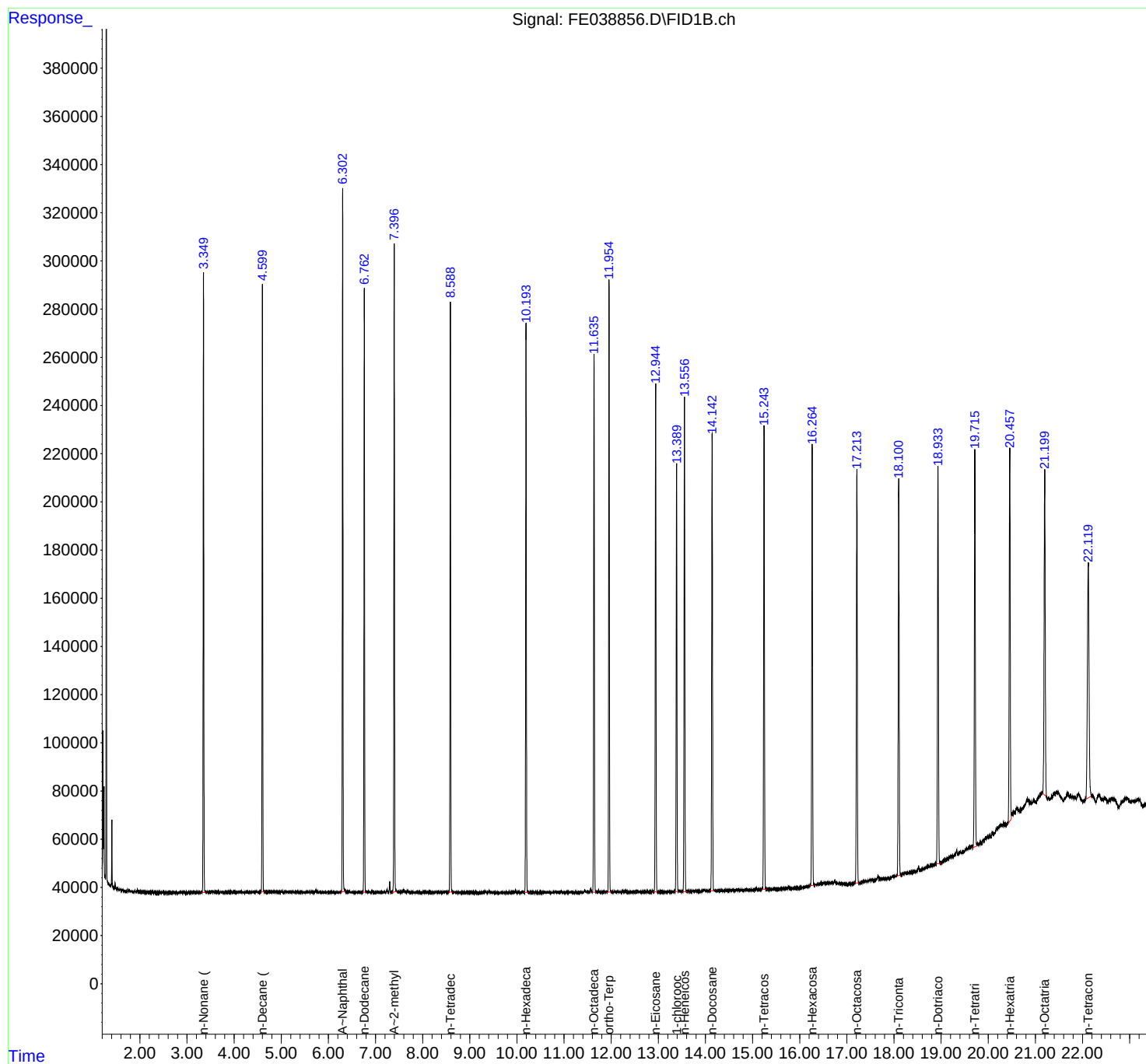
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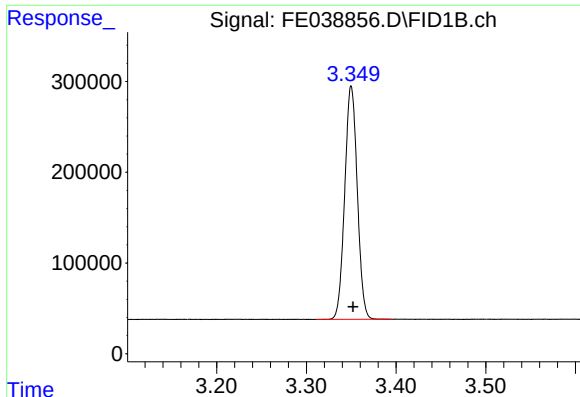
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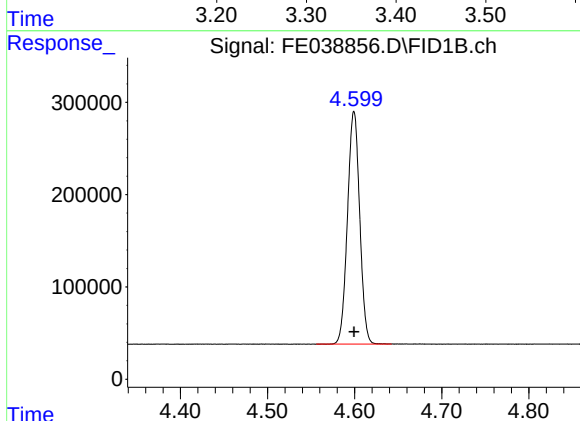
#1 n-Nonane (C9)

R.T.: 3.350 min
Delta R.T.: -0.002 min
Response: 2499817
Conc: 17.64 ug/ml

Instrument :
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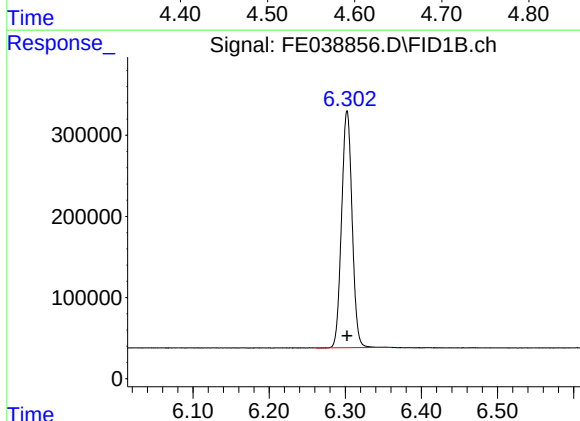
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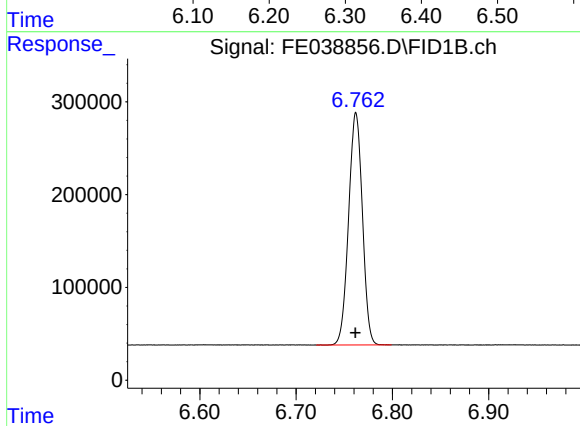
#2 n-Decane (C10)

R.T.: 4.599 min
Delta R.T.: 0.000 min
Response: 2456671
Conc: 17.63 ug/ml



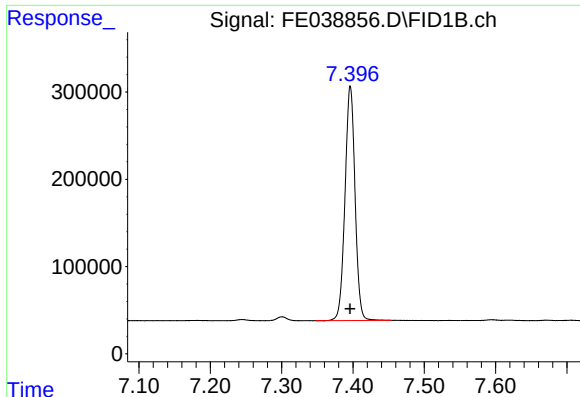
#3 A~Naphthalene (C11.7)

R.T.: 6.302 min
Delta R.T.: 0.000 min
Response: 2807479
Conc: 17.65 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.762 min
Delta R.T.: 0.000 min
Response: 2477463
Conc: 17.58 ug/ml



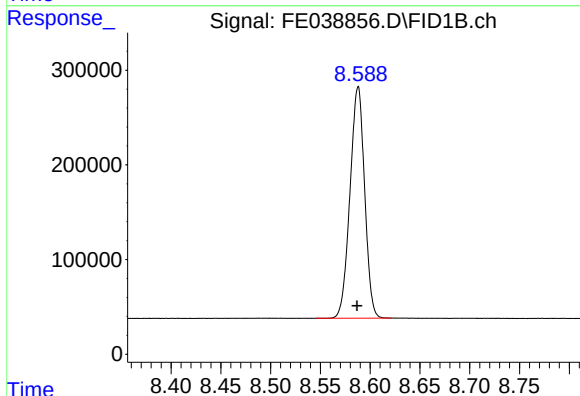
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.396 min
Delta R.T.: 0.000 min
Response: 2628515
Conc: 17.56 ug/ml

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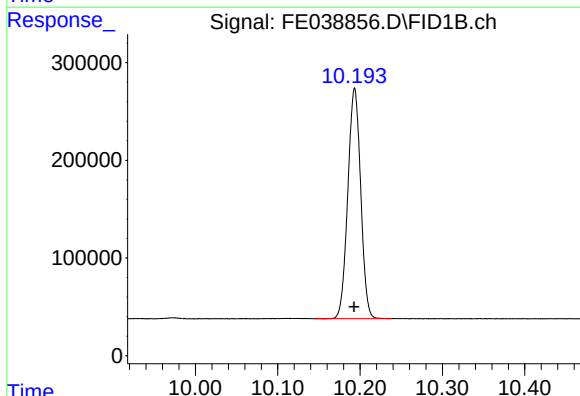
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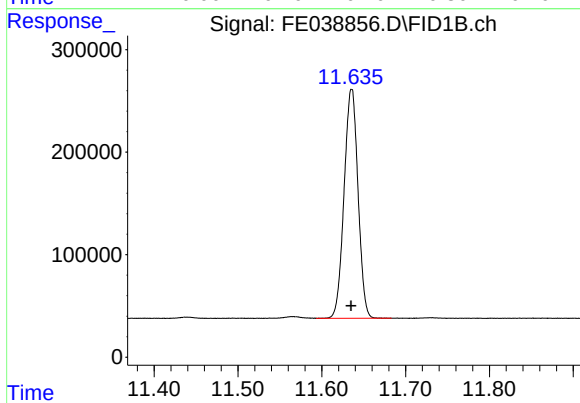
#6 n-Tetradecane (C14)

R.T.: 8.588 min
Delta R.T.: 0.000 min
Response: 2501047
Conc: 17.51 ug/ml



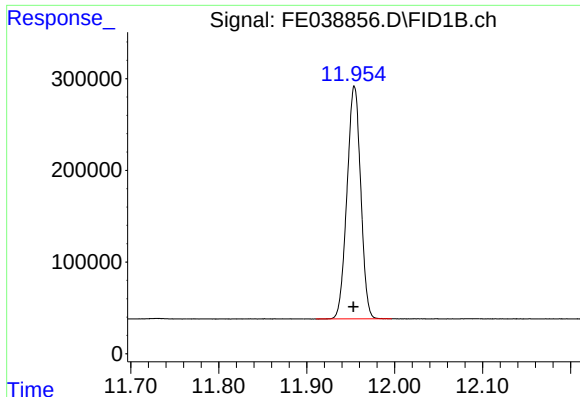
#7 n-Hexadecane (C16)

R.T.: 10.193 min
Delta R.T.: 0.000 min
Response: 2561954
Conc: 17.52 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.636 min
Delta R.T.: 0.000 min
Response: 2581545
Conc: 17.54 ug/ml



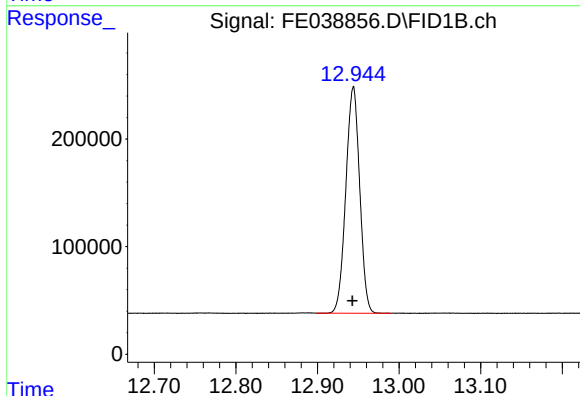
#9 ortho-Terphenyl (SURR)

R.T.: 11.954 min
Delta R.T.: 0.001 min
Response: 2751460
Conc: 17.59 ug/ml

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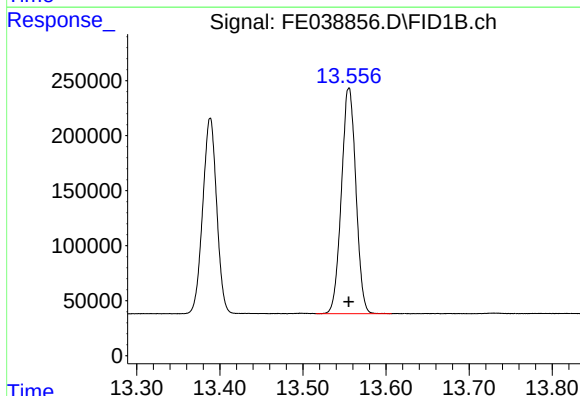
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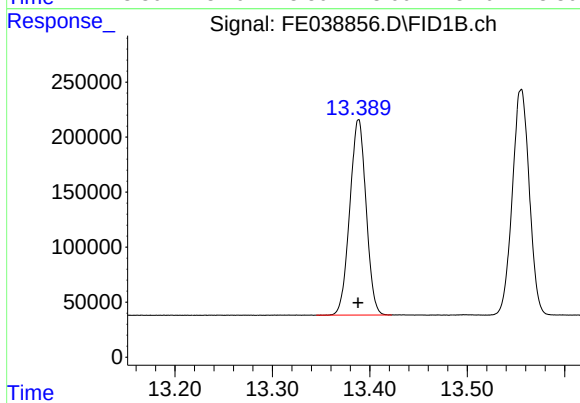
#10 n-Eicosane (C20)

R.T.: 12.944 min
Delta R.T.: 0.001 min
Response: 2483470
Conc: 17.49 ug/ml



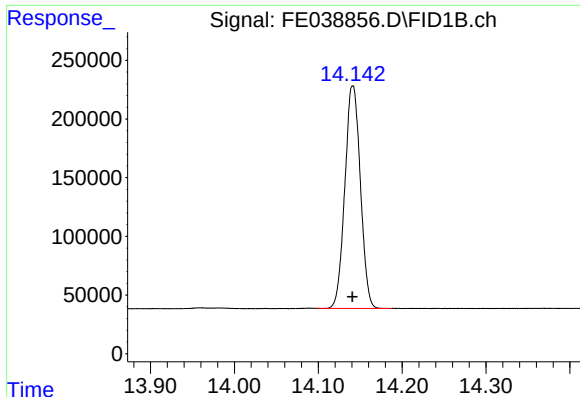
#11 n-Heneicosane (C21)

R.T.: 13.555 min
Delta R.T.: 0.000 min
Response: 2483275
Conc: 17.48 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.388 min
Delta R.T.: 0.000 min
Response: 2067861
Conc: 17.13 ug/ml



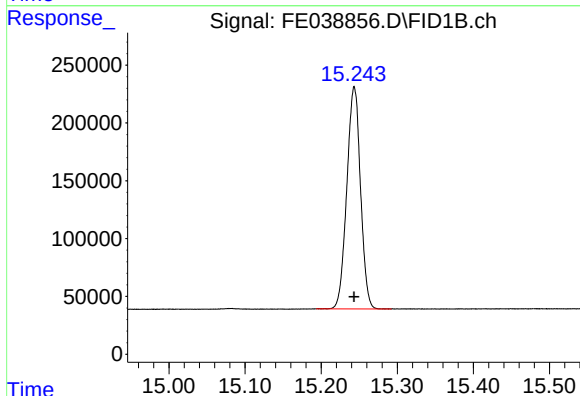
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.000 min
Response: 2439996
Conc: 17.45 ug/ml

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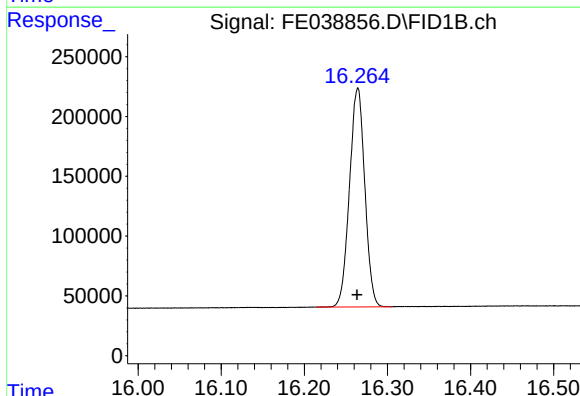
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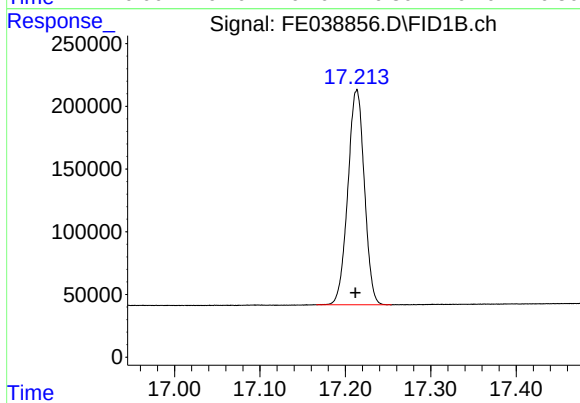
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.000 min
Response: 2402727
Conc: 17.40 ug/ml



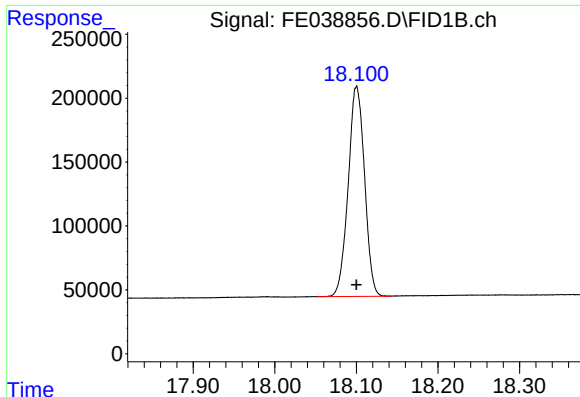
#15 n-Hexacosane (C26)

R.T.: 16.264 min
Delta R.T.: 0.001 min
Response: 2339423
Conc: 17.42 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.213 min
Delta R.T.: 0.001 min
Response: 2303308
Conc: 17.34 ug/ml



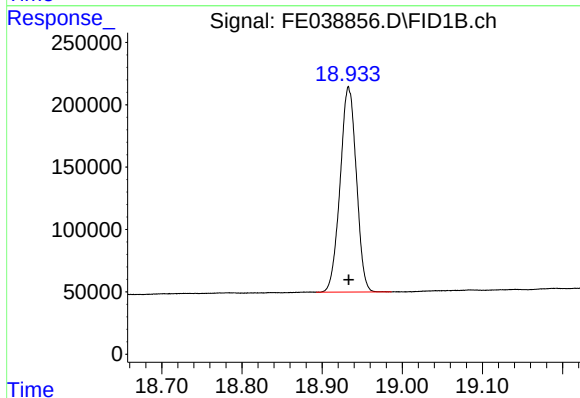
#17 n-Tricontane (C30)

R.T.: 18.100 min
Delta R.T.: 0.000 min
Response: 2290569
Conc: 17.34 ug/ml

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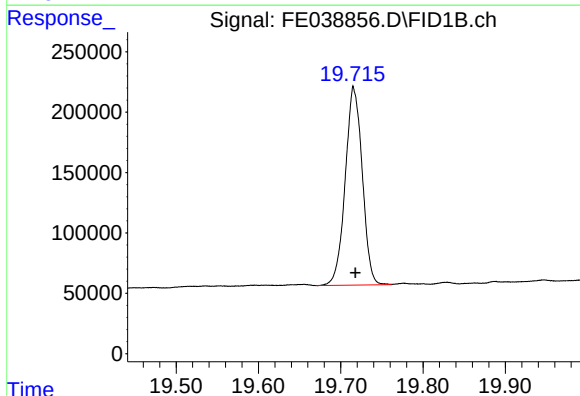
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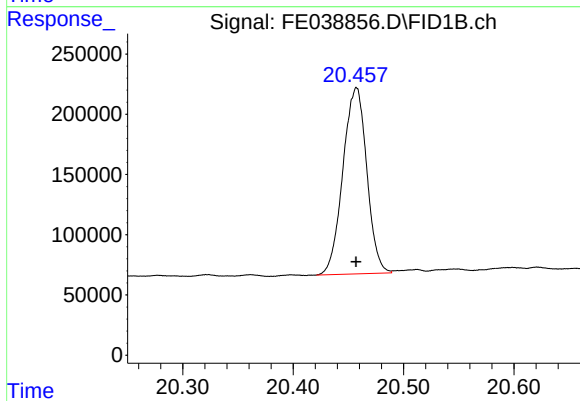
#18 n-Dotriacontane (C32)

R.T.: 18.933 min
Delta R.T.: 0.000 min
Response: 2311807
Conc: 17.33 ug/ml



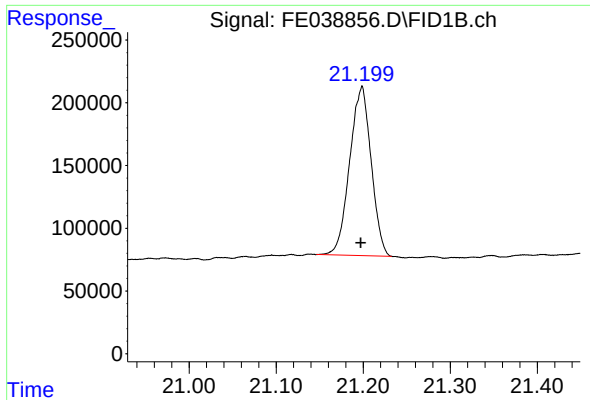
#19 n-Tetratriacontane (C34)

R.T.: 19.715 min
Delta R.T.: -0.003 min
Response: 2359079
Conc: 17.83 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.457 min
Delta R.T.: 0.000 min
Response: 2323240
Conc: 18.08 ug/ml



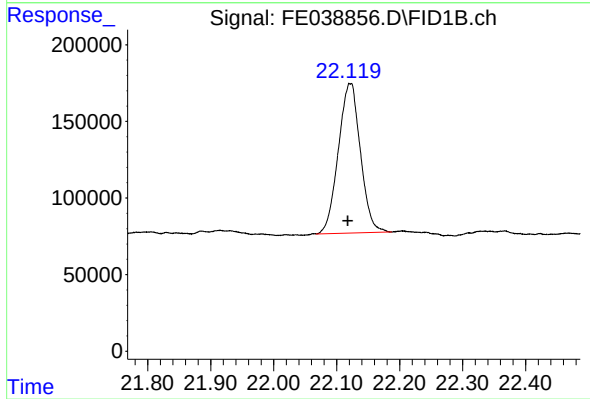
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: 0.001 min
Response: 2306715
Conc: 17.60 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.119 min
Delta R.T.: 0.002 min
Response: 2373511
Conc: 17.43 ug/ml m