

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071723AL\
 Data File : FE043248.D
 Signal(s) : FID1B.ch
 Acq On : 17 Jul 2023 09:47
 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 07/18/2023
 Supervised By :Ankita Jodhani 07/18/2023

Integration File: autoint1.e
 Quant Time: Jul 18 04:13:06 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 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)	11.905	3726769	20.812 ug/ml
Spiked Amount 50.000		Recovery =	41.62%
12) S 1-chlorooctadecane (S...	13.343	2741467	20.864 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
Target Compounds			
1) T n-Nonane (C9)	3.280	3210184	21.025 ug/ml
2) T n-Decane (C10)	4.533	3305528	21.203 ug/ml
3) T A~Naphthalene (C11.7)	6.245	3444308	21.405 ug/ml
4) T n-Dodecane (C12)	6.704	3331535	21.143 ug/ml
5) T A~2-methylnaphthalene...	7.343	3275084	21.583 ug/ml
6) T n-Tetradecane (C14)	8.534	3294345	20.828 ug/ml
7) T n-Hexadecane (C16)	10.141	3385653	20.921 ug/ml
8) T n-Octadecane (C18)	11.586	3396588	20.836 ug/ml
10) T n-Eicosane (C20)	12.896	3230983	20.796 ug/ml
11) T n-Heneicosane (C21)	13.508	3189564	21.053 ug/ml
13) T n-Docosane (C22)	14.095	3104287	20.771 ug/ml
14) T n-Tetracosane (C24)	15.197	3035357	20.668 ug/ml
15) T n-Hexacosane (C26)	16.219	2951959	20.726 ug/ml
16) T n-Octacosane (C28)	17.169	2899383	20.606 ug/ml
17) T n-Tricontane (C30)	18.057	3010529	20.436 ug/ml
18) T n-Dotriacontane (C32)	18.890	3026887	20.427 ug/ml
19) T n-Tetratriacontane (C34)	19.673	2953770	20.467 ug/mlm
20) T n-Hexatriacontane (C36)	20.415	2887040	19.643 ug/ml
21) T n-Octatriacontane (C38)	21.156	2803313	19.652 ug/mlm
22) T n-Tetracontane (C40)	22.070	3558208	24.110 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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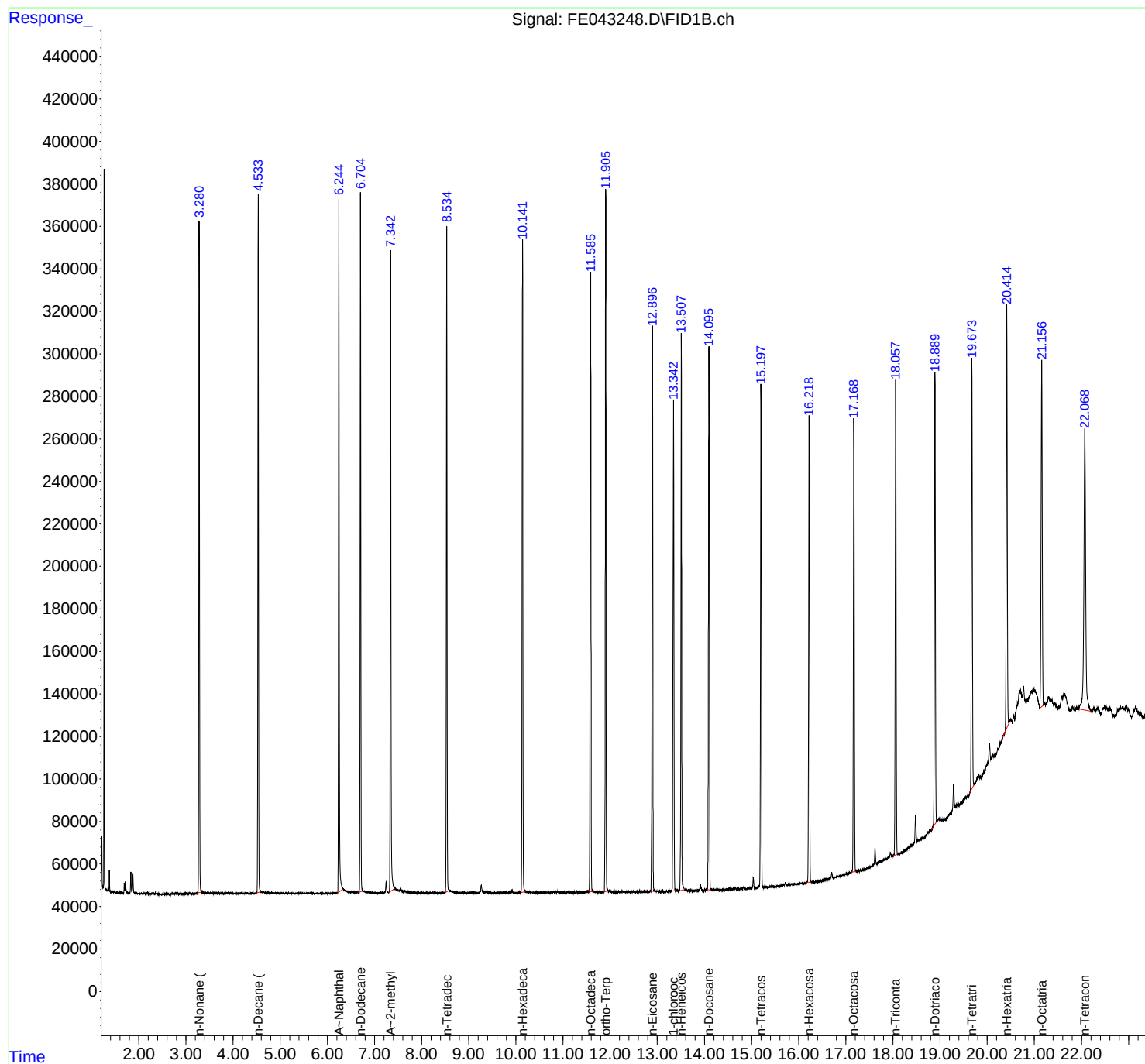
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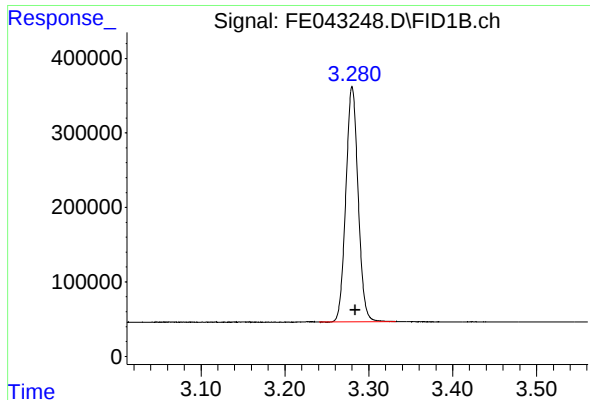
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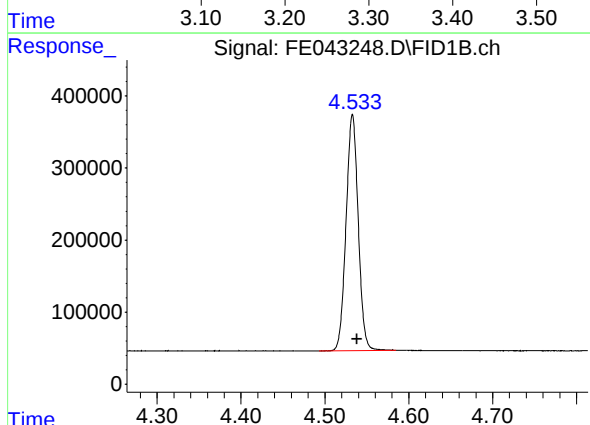
#1 n-Nonane (C9)

R.T.: 3.280 min
Delta R.T.: -0.004 min
Response: 3210184
Conc: 21.03 ug/ml

Instrument : FID_E
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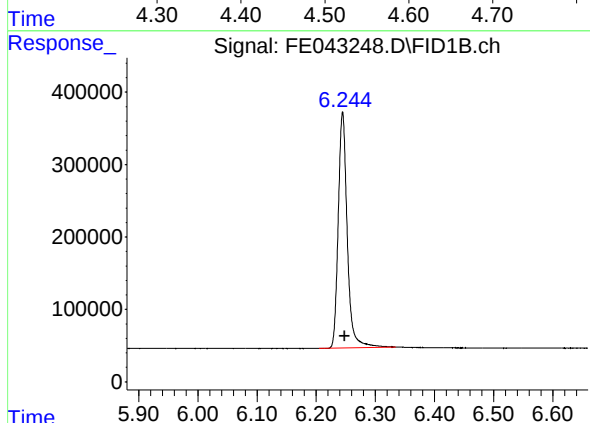
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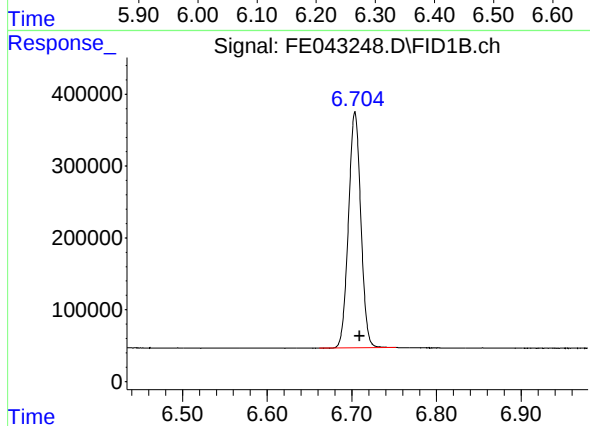
#2 n-Decane (C10)

R.T.: 4.533 min
Delta R.T.: -0.005 min
Response: 3305528
Conc: 21.20 ug/ml



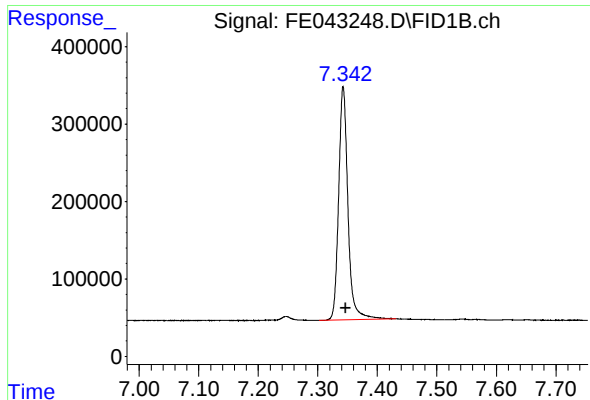
#3 A~Naphthalene (C11.7)

R.T.: 6.245 min
Delta R.T.: -0.003 min
Response: 3444308
Conc: 21.40 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.704 min
Delta R.T.: -0.006 min
Response: 3331535
Conc: 21.14 ug/ml



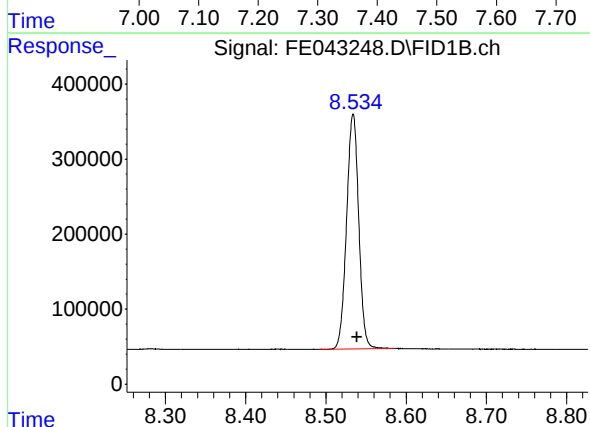
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.343 min
Delta R.T.: -0.004 min
Response: 3275084
Conc: 21.58 ug/ml

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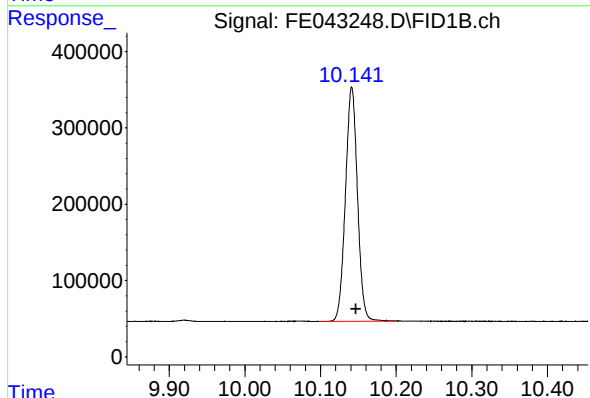
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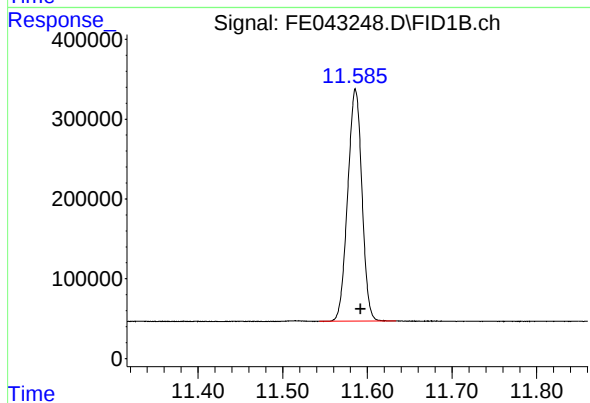
#6 n-Tetradecane (C14)

R.T.: 8.534 min
Delta R.T.: -0.004 min
Response: 3294345
Conc: 20.83 ug/ml



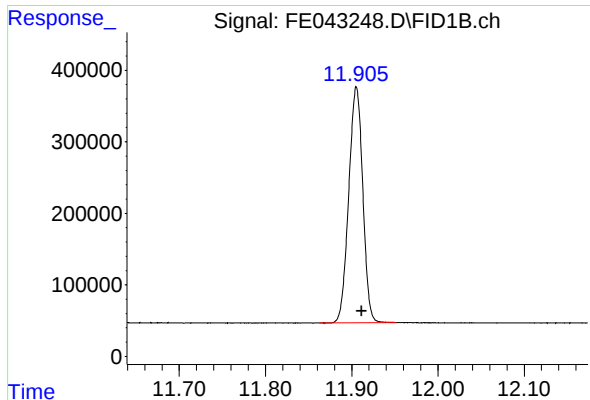
#7 n-Hexadecane (C16)

R.T.: 10.141 min
Delta R.T.: -0.006 min
Response: 3385653
Conc: 20.92 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.586 min
Delta R.T.: -0.006 min
Response: 3396588
Conc: 20.84 ug/ml



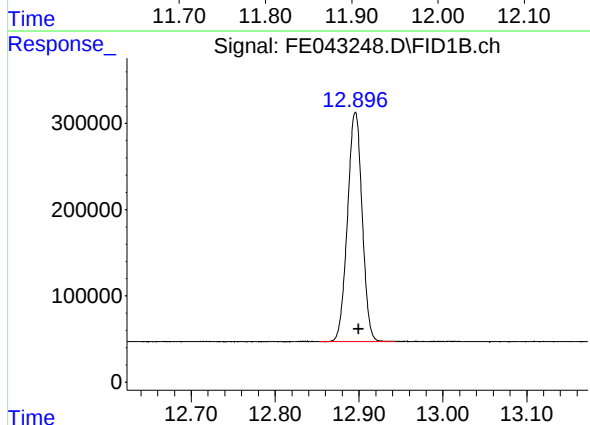
#9 ortho-Terphenyl (SURR)

R.T.: 11.905 min
Delta R.T.: -0.006 min
Response: 3726769
Conc: 20.81 ug/ml

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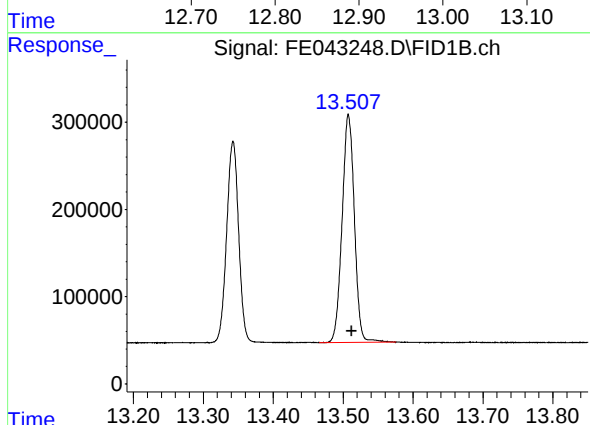
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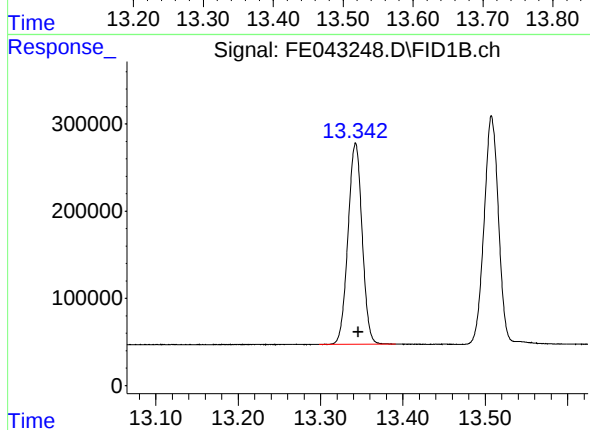
#10 n-Eicosane (C20)

R.T.: 12.896 min
Delta R.T.: -0.004 min
Response: 3230983
Conc: 20.80 ug/ml



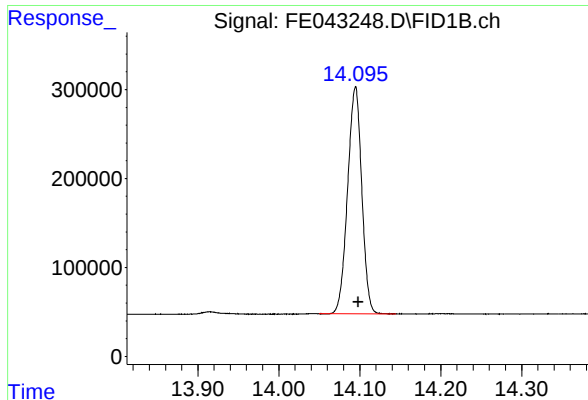
#11 n-Heneicosane (C21)

R.T.: 13.508 min
Delta R.T.: -0.004 min
Response: 3189564
Conc: 21.05 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.343 min
Delta R.T.: -0.003 min
Response: 2741467
Conc: 20.86 ug/ml



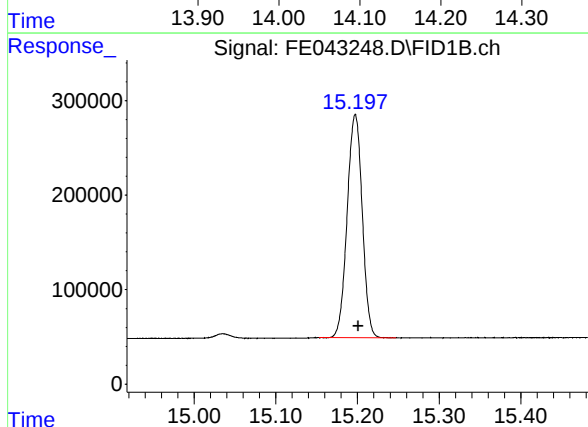
#13 n-Docosane (C22)

R.T.: 14.095 min
Delta R.T.: -0.004 min
Response: 3104287
Conc: 20.77 ug/ml

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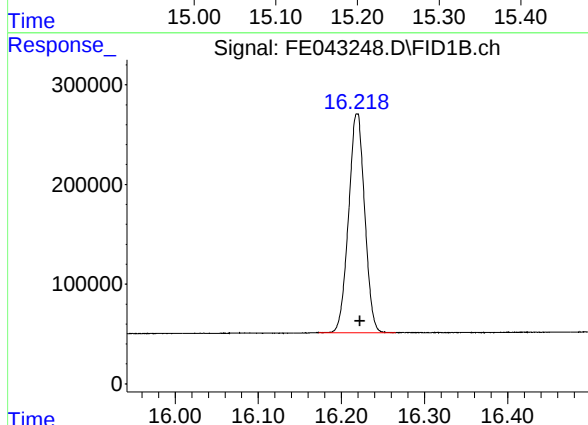
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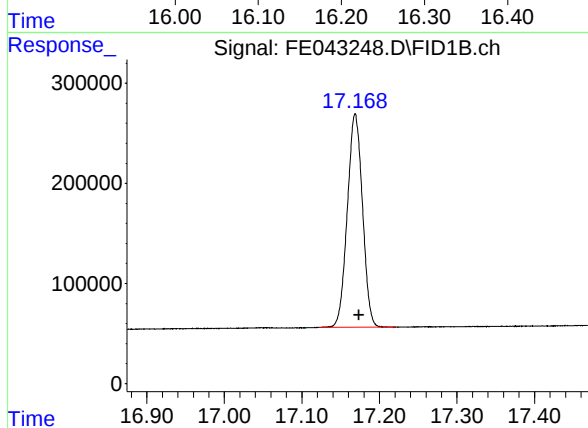
#14 n-Tetracosane (C24)

R.T.: 15.197 min
Delta R.T.: -0.004 min
Response: 3035357
Conc: 20.67 ug/ml



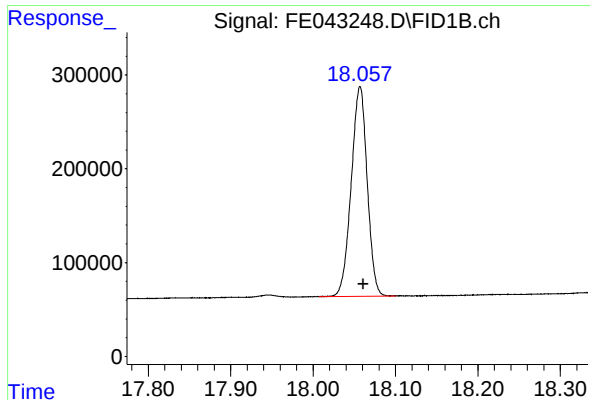
#15 n-Hexacosane (C26)

R.T.: 16.219 min
Delta R.T.: -0.004 min
Response: 2951959
Conc: 20.73 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.169 min
Delta R.T.: -0.005 min
Response: 2899383
Conc: 20.61 ug/ml



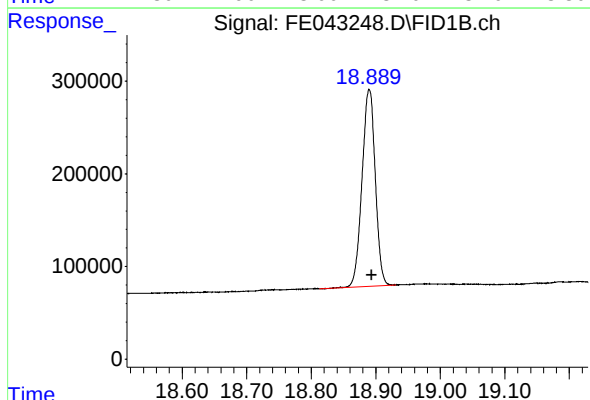
#17 n-Tricontane (C30)

R.T.: 18.057 min
Delta R.T.: -0.004 min
Response: 3010529
Conc: 20.44 ug/ml

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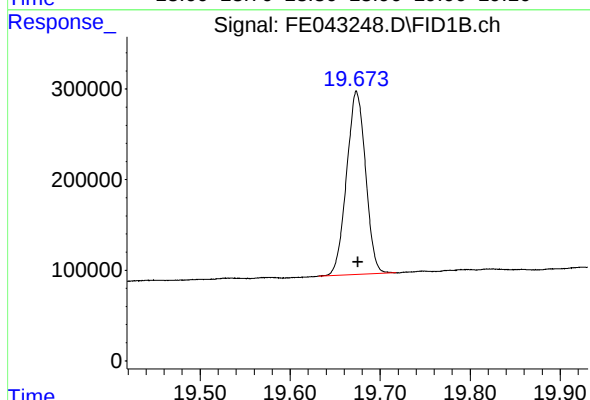
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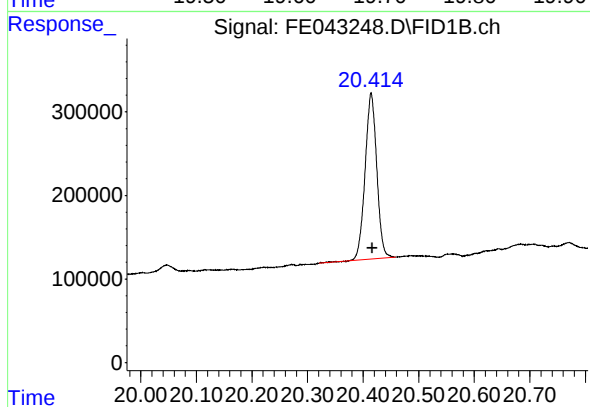
#18 n-Dotriacontane (C32)

R.T.: 18.890 min
Delta R.T.: -0.004 min
Response: 3026887
Conc: 20.43 ug/ml



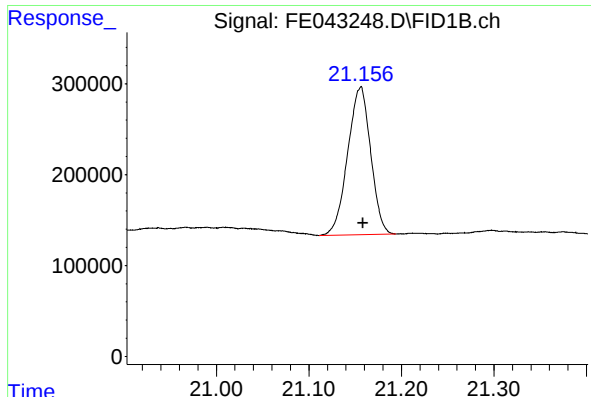
#19 n-Tetratriacontane (C34)

R.T.: 19.673 min
Delta R.T.: -0.002 min
Response: 2953770
Conc: 20.47 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.415 min
Delta R.T.: -0.002 min
Response: 2887040
Conc: 19.64 ug/ml



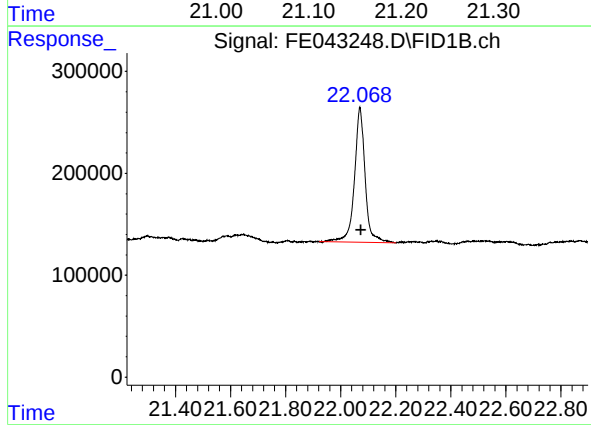
#21 n-Octatriacontane (C38)

R.T.: 21.156 min
Delta R.T.: -0.002 min
Response: 2803313
Conc: 19.65 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.070 min
Delta R.T.: -0.004 min
Response: 3558208
Conc: 24.11 ug/ml