

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE032523AL\
 Data File : FE041024.D
 Signal(s) : FID1B.ch
 Acq On : 25 Mar 2023 05:20
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD ICV
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD ICV

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/27/2023
 Supervised By :Ankita Jodhani 03/27/2023

Integration File: autoint1.e
 Quant Time: Mar 25 06:35:40 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)	11.864	3710725	19.744 ug/ml
Spiked Amount 50.000		Recovery =	39.49%
12) S 1-chlorooctadecane (S...	13.302	2849023	19.801 ug/ml
Spiked Amount 50.000		Recovery =	39.60%
Target Compounds			
1) T n-Nonane (C9)	3.261	3412128	19.665 ug/ml
2) T n-Decane (C10)	4.508	3358227	19.729 ug/ml
3) T A~Naphthalene (C11.7)	6.211	3644616	19.926 ug/ml
4) T n-Dodecane (C12)	6.673	3411391	19.667 ug/ml
5) T A~2-methylnaphthalene...	7.307	3382586	20.425 ug/ml
6) T n-Tetradecane (C14)	8.499	3432407	19.685 ug/ml
7) T n-Hexadecane (C16)	10.106	3496052	19.657 ug/ml
8) T n-Octadecane (C18)	11.549	3527590	19.757 ug/ml
10) T n-Eicosane (C20)	12.857	3356151	19.676 ug/ml
11) T n-Heneicosane (C21)	13.469	3343752	19.764 ug/ml
13) T n-Docosane (C22)	14.056	3277371	19.805 ug/ml
14) T n-Tetracosane (C24)	15.159	3187339	19.701 ug/ml
15) T n-Hexacosane (C26)	16.181	3056316	19.716 ug/ml
16) T n-Octacosane (C28)	17.132	3012334	19.665 ug/ml
17) T n-Tricontane (C30)	18.020	3002331	19.642 ug/ml
18) T n-Dotriacontane (C32)	18.854	3042448	19.487 ug/ml
19) T n-Tetratriacontane (C34)	19.640	2992932	19.313 ug/ml
20) T n-Hexatriacontane (C36)	20.381	2915947	19.197 ug/mlm
21) T n-Octatriacontane (C38)	21.110	2968927	19.005 ug/ml
22) T n-Tetracontane (C40)	21.999	3057268	19.155 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
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Misc :
ALS Vial : 17 Sample Multiplier: 1

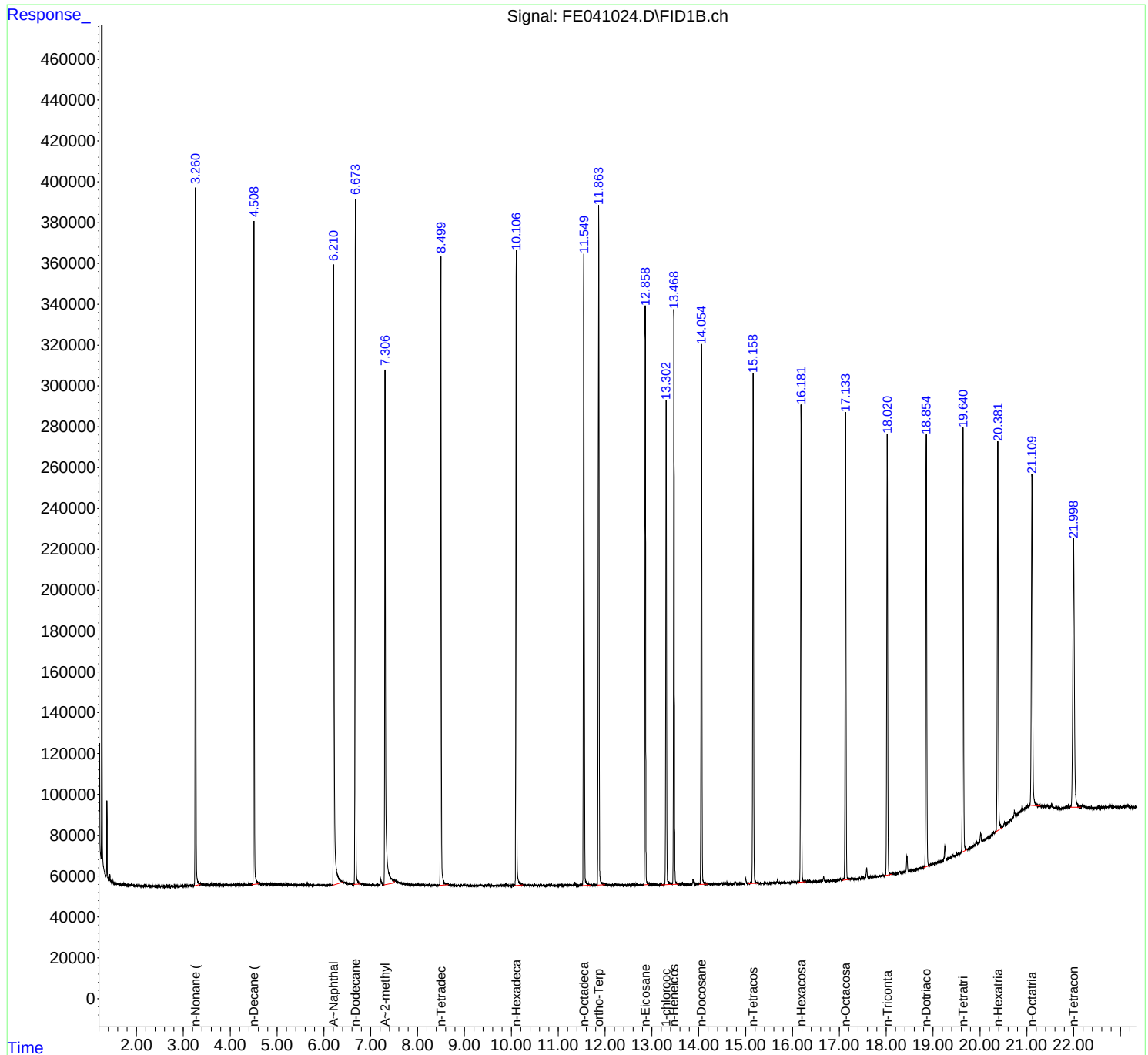
Instrument :
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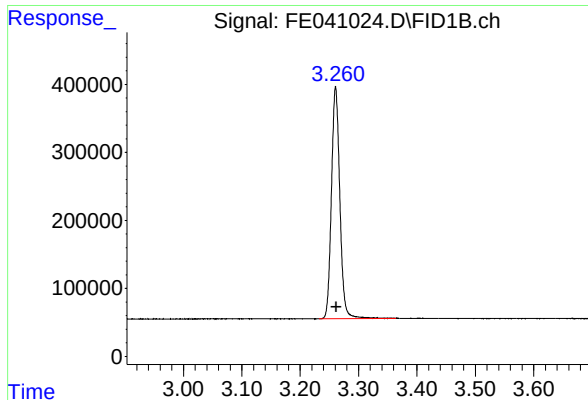
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Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.261 min
Delta R.T.: -0.001 min
Response: 3412128
Conc: 19.66 ug/ml

Instrument :

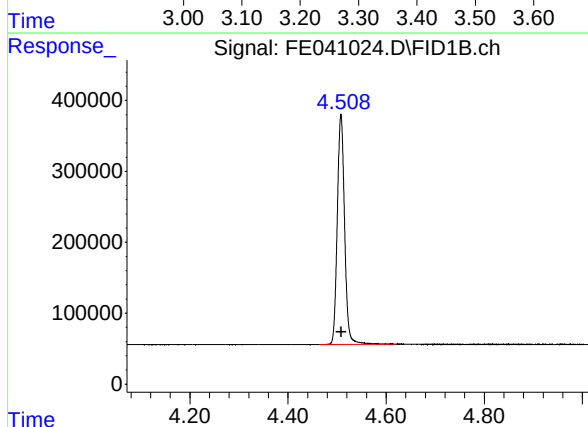
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ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

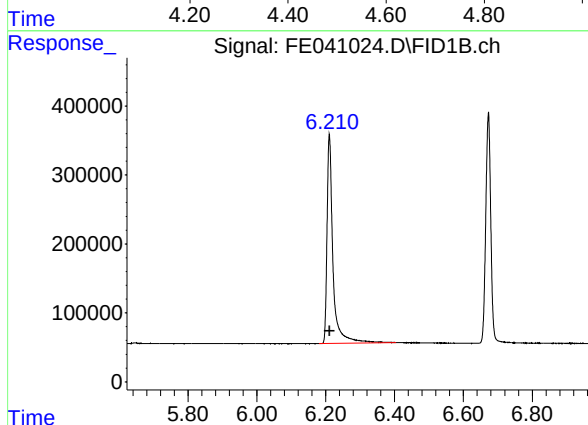
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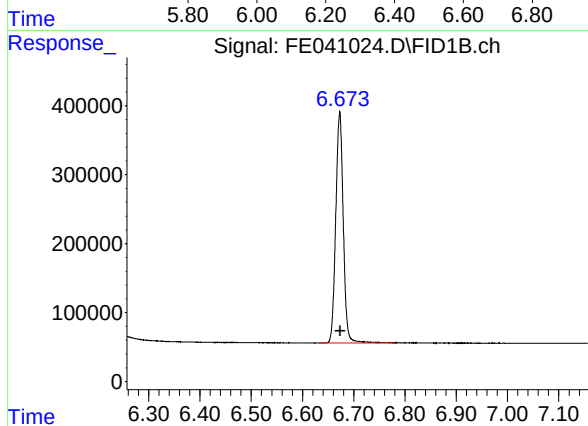
#2 n-Decane (C10)

R.T.: 4.508 min
Delta R.T.: 0.000 min
Response: 3358227
Conc: 19.73 ug/ml



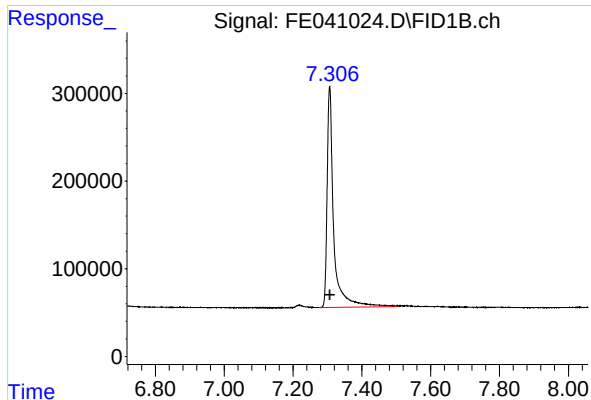
#3 A~Naphthalene (C11.7)

R.T.: 6.211 min
Delta R.T.: -0.001 min
Response: 3644616
Conc: 19.93 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.673 min
Delta R.T.: 0.000 min
Response: 3411391
Conc: 19.67 ug/ml



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

R.T.: 7.307 min
Delta R.T.: 0.000 min
Response: 3382586
Conc: 20.42 ug/ml

Instrument :

FID_E

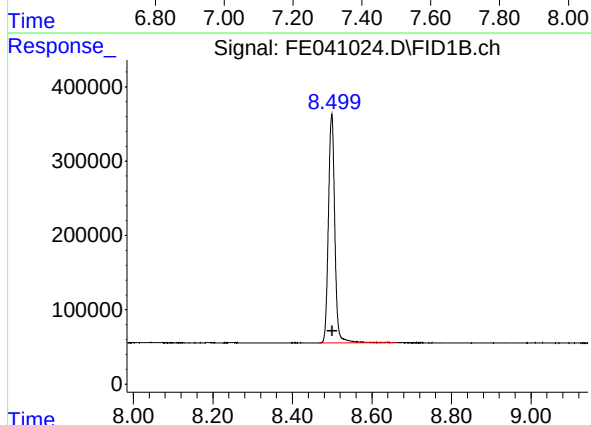
ClientSampleId :

20 PPM ALIPHATIC HC STD ICV

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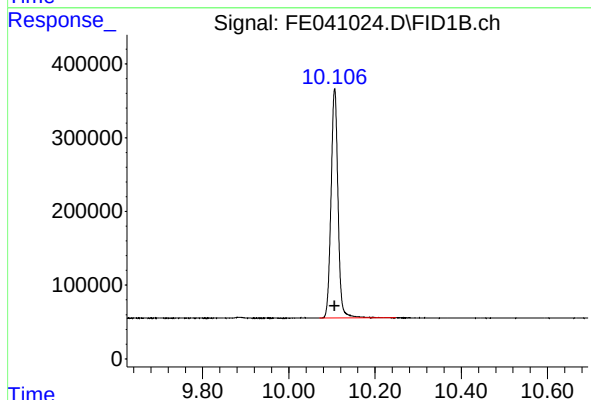
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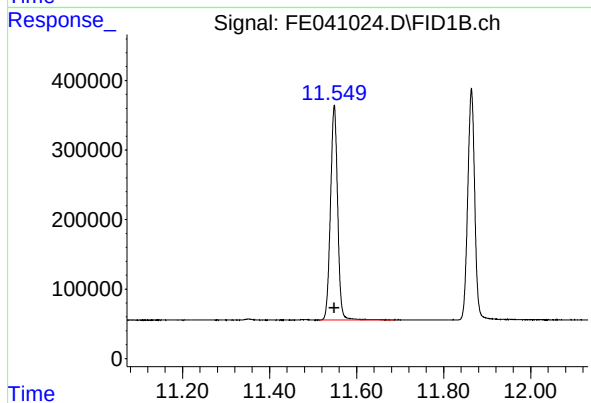
#6 n-Tetradecane (C14)

R.T.: 8.499 min
Delta R.T.: -0.001 min
Response: 3432407
Conc: 19.69 ug/ml



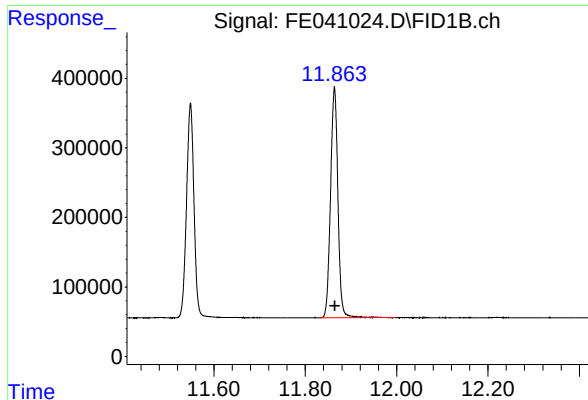
#7 n-Hexadecane (C16)

R.T.: 10.106 min
Delta R.T.: 0.000 min
Response: 3496052
Conc: 19.66 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.549 min
Delta R.T.: 0.000 min
Response: 3527590
Conc: 19.76 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.864 min
Delta R.T.: -0.001 min
Response: 3710725
Conc: 19.74 ug/ml

Instrument :

FID_E

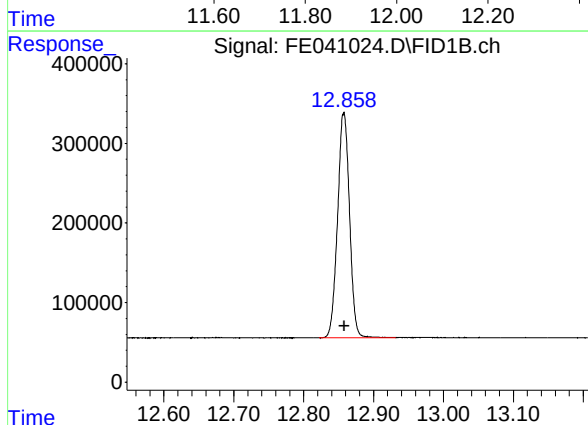
ClientSampleId :

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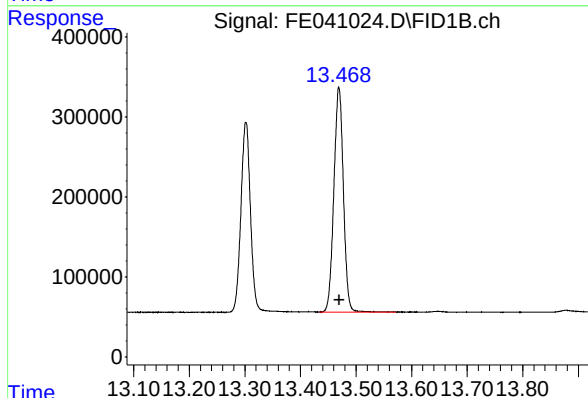
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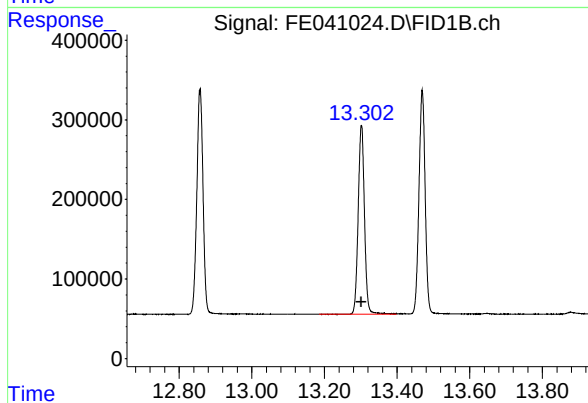
#10 n-Eicosane (C20)

R.T.: 12.857 min
Delta R.T.: 0.000 min
Response: 3356151
Conc: 19.68 ug/ml



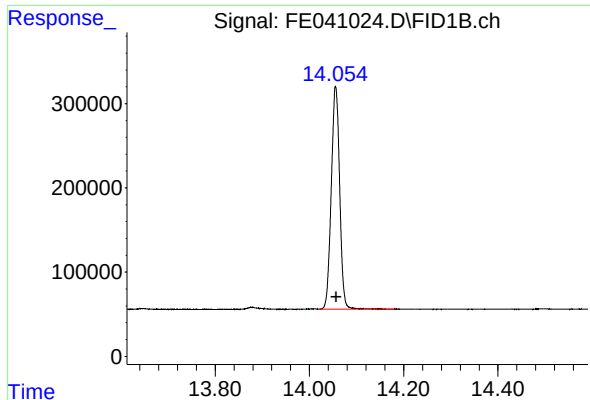
#11 n-Heneicosane (C21)

R.T.: 13.469 min
Delta R.T.: 0.000 min
Response: 3343752
Conc: 19.76 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.302 min
Delta R.T.: 0.000 min
Response: 2849023
Conc: 19.80 ug/ml



#13 n-Docosane (C22)

R.T.: 14.056 min
Delta R.T.: -0.002 min
Response: 3277371
Conc: 19.80 ug/ml

Instrument :

FID_E

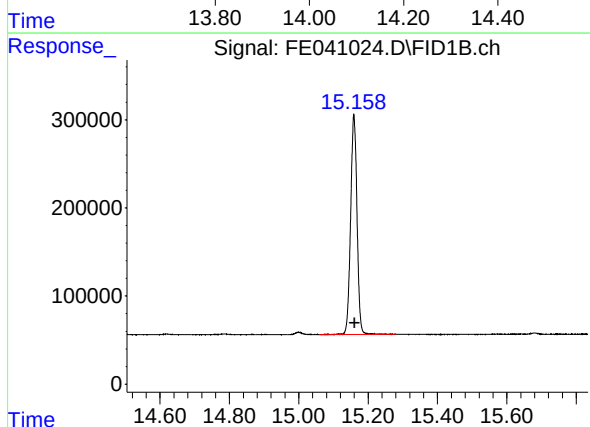
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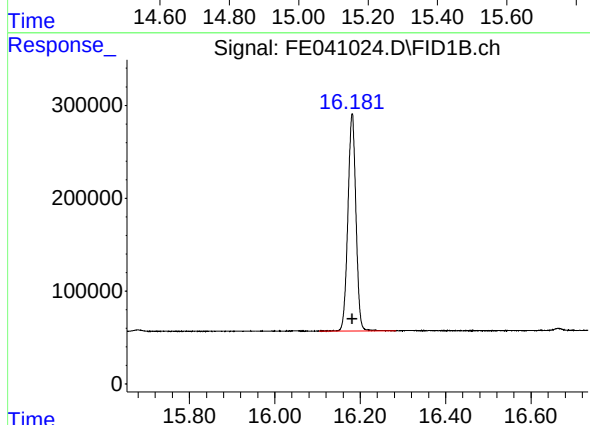
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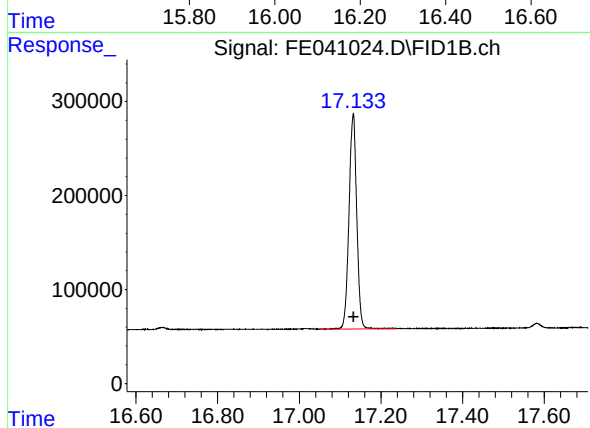
#14 n-Tetracosane (C24)

R.T.: 15.159 min
Delta R.T.: -0.002 min
Response: 3187339
Conc: 19.70 ug/ml



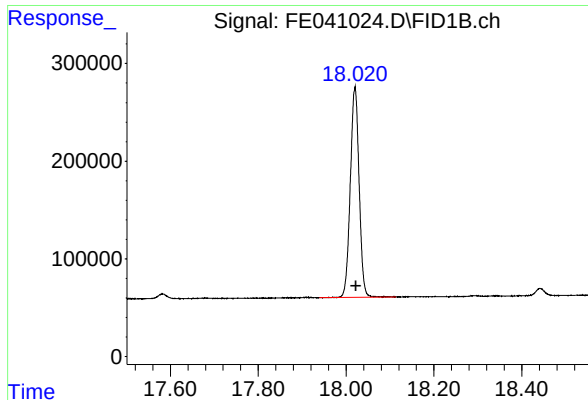
#15 n-Hexacosane (C26)

R.T.: 16.181 min
Delta R.T.: 0.000 min
Response: 3056316
Conc: 19.72 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.132 min
Delta R.T.: 0.000 min
Response: 3012334
Conc: 19.67 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.020 min
Delta R.T.: -0.002 min
Response: 3002331
Conc: 19.64 ug/ml

Instrument :

FID_E

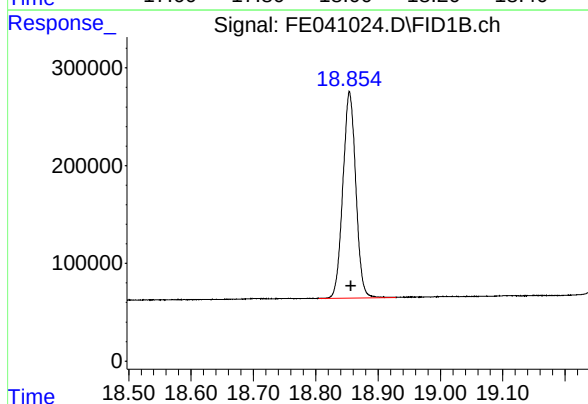
ClientSampleId :

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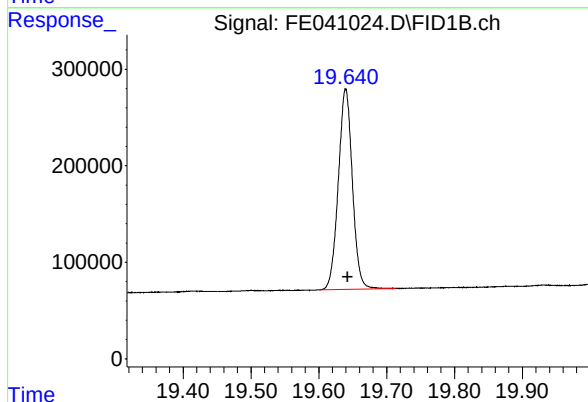
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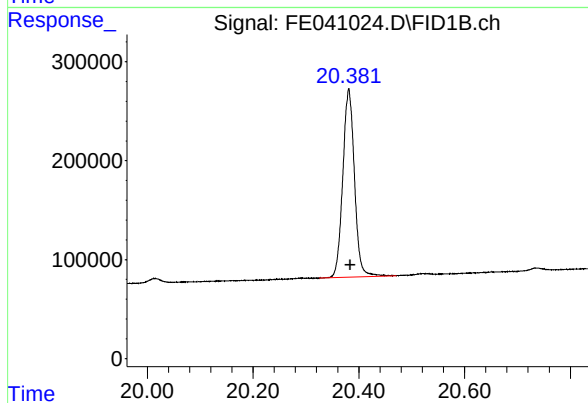
#18 n-Dotriacontane (C32)

R.T.: 18.854 min
Delta R.T.: -0.003 min
Response: 3042448
Conc: 19.49 ug/ml



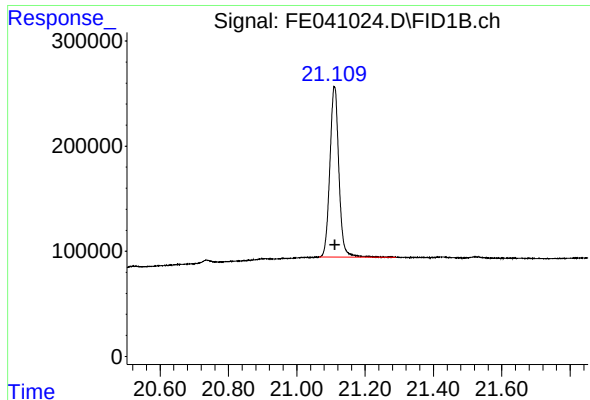
#19 n-Tetratriacontane (C34)

R.T.: 19.640 min
Delta R.T.: -0.003 min
Response: 2992932
Conc: 19.31 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.381 min
Delta R.T.: -0.003 min
Response: 2915947
Conc: 19.20 ug/ml m



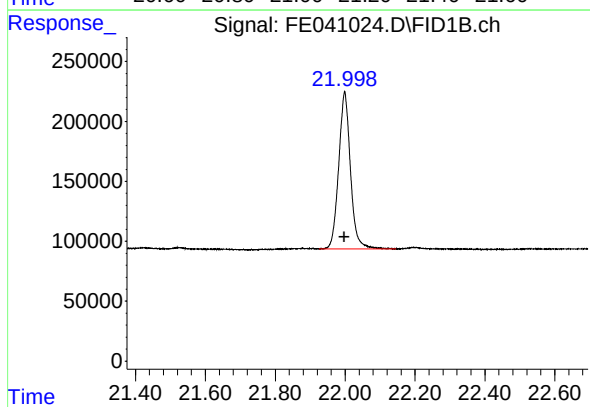
#21 n-Octatriacontane (C38)

R.T.: 21.110 min
Delta R.T.: -0.002 min
Response: 2968927
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.999 min
Delta R.T.: 0.000 min
Response: 3057268
Conc: 19.16 ug/ml