

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE050323AL\
 Data File : FE041712.D
 Signal(s) : FID1B.ch
 Acq On : 03 May 2023 21:25
 Operator : YP\AJ
 Sample : 02583-05MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CF-25MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 05/04/2023
 Supervised By :Ankita Jodhani 05/04/2023

Integration File: autoint1.e
 Quant Time: May 04 02:13:00 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 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)	11.978	4237899	22.589 ug/ml
Spiked Amount 50.000		Recovery =	45.18%
12) S 1-chlorooctadecane (S...	13.414	3352898	23.734 ug/ml
Spiked Amount 50.000		Recovery =	47.47%
Target Compounds			
1) T n-Nonane (C9)	3.357	3807609	25.903 ug/ml
2) T n-Decane (C10)	4.609	4297351	28.653 ug/ml
3) T A~Naphthalene (C11.7)	6.314	5060970	30.582 ug/ml
4) T n-Dodecane (C12)	6.776	4741564	31.186 ug/ml
5) T A~2-methylnaphthalene...	7.411	5011739	31.081 ug/ml
6) T n-Tetradecane (C14)	8.607	4976932	32.764 ug/ml
7) T n-Hexadecane (C16)	10.215	5439761	34.087 ug/ml
8) T n-Octadecane (C18)	11.659	5719633	34.894 ug/ml
10) T n-Eicosane (C20)	12.970	5691877	35.387 ug/ml
11) T n-Heneicosane (C21)	13.582	5561866	34.899 ug/ml
13) T n-Docosane (C22)	14.169	5507755	34.568 ug/ml
14) T n-Tetracosane (C24)	15.259	10279355	63.760 ug/ml
15) T n-Hexacosane (C26)	16.296	5228672	33.073 ug/ml
16) T n-Octacosane (C28)	17.244	5066750	32.928 ug/ml
17) T n-Tricontane (C30)	18.133	4989760	32.762 ug/ml
18) T n-Dotriacontane (C32)	18.965	4818457	32.343 ug/ml
19) T n-Tetratriacontane (C34)	19.748	4742886	33.667 ug/ml
20) T n-Hexatriacontane (C36)	20.489	4547891	34.008 ug/ml
21) T n-Octatriacontane (C38)	21.243	4620612	34.969 ug/ml
22) T n-Tetracontane (C40)	22.185	4764420	37.630 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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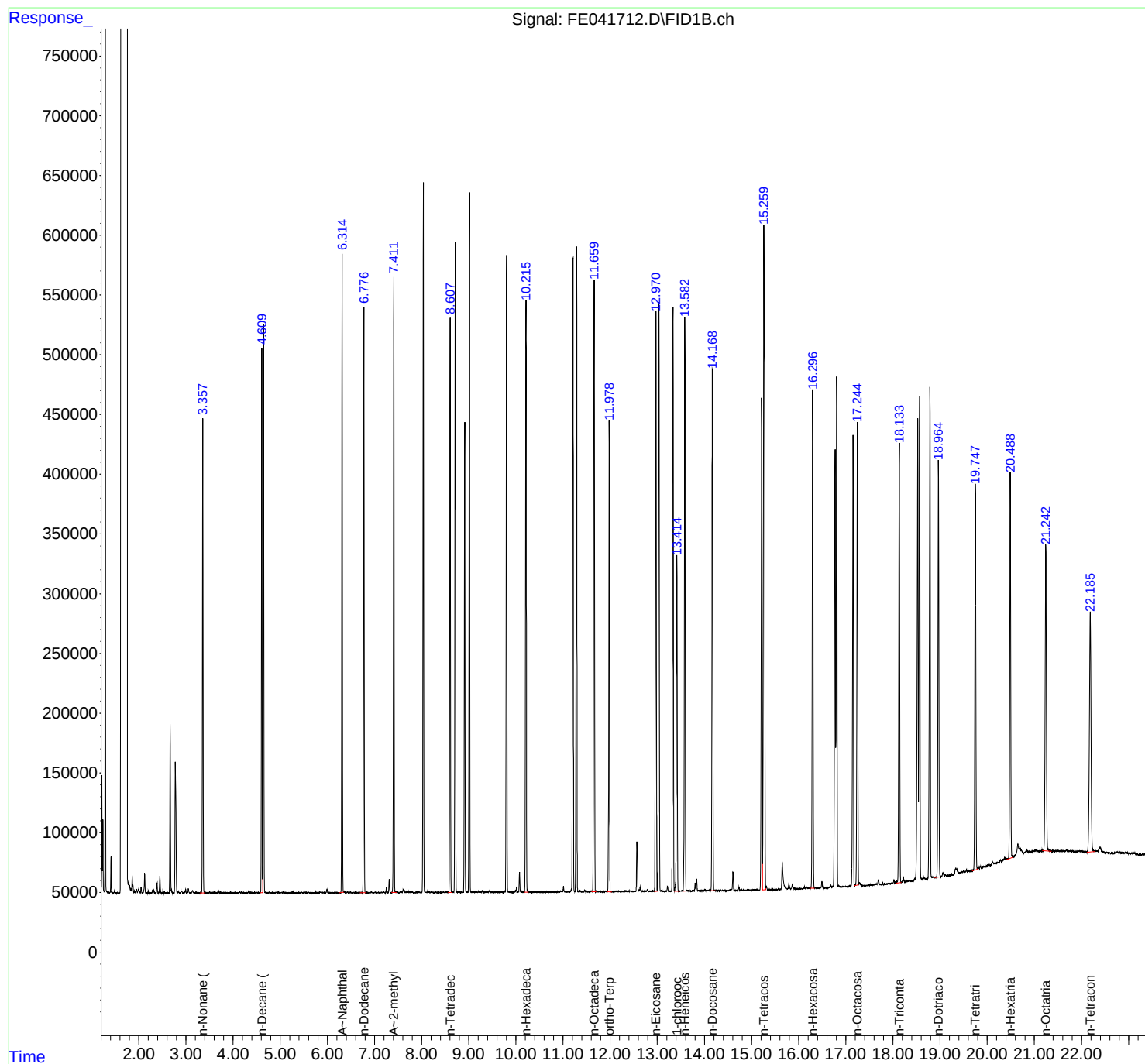
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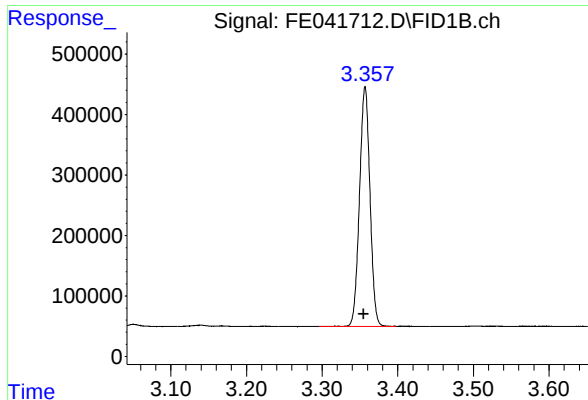
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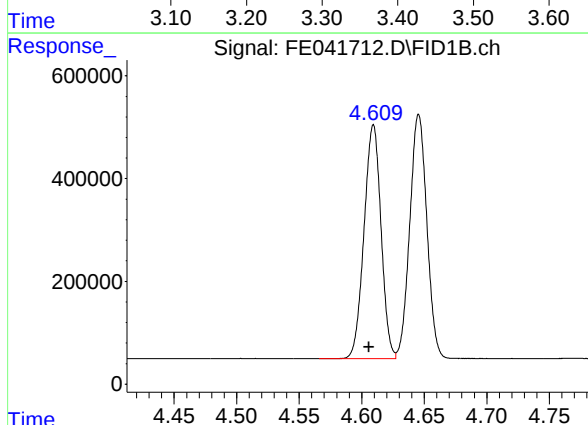
#1 n-Nonane (C9)

R.T.: 3.357 min
Delta R.T.: 0.002 min
Response: 3807609
Conc: 25.90 ug/ml

Instrument :
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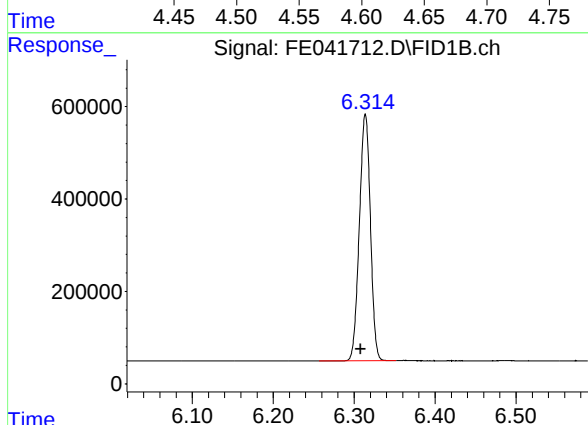
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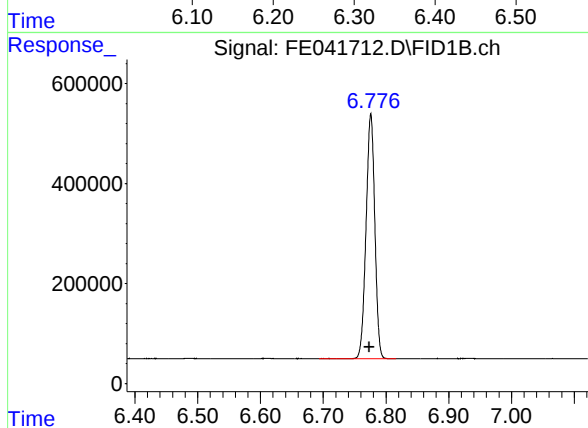
#2 n-Decane (C10)

R.T.: 4.609 min
Delta R.T.: 0.004 min
Response: 4297351
Conc: 28.65 ug/ml



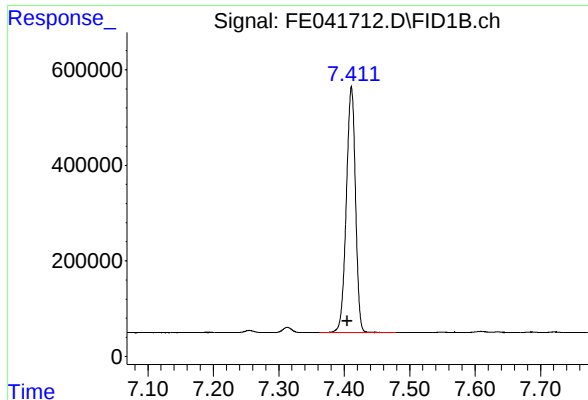
#3 A~Naphthalene (C11.7)

R.T.: 6.314 min
Delta R.T.: 0.006 min
Response: 5060970
Conc: 30.58 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.776 min
Delta R.T.: 0.002 min
Response: 4741564
Conc: 31.19 ug/ml



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

R.T.: 7.411 min
Delta R.T.: 0.007 min
Response: 5011739
Conc: 31.08 ug/ml

Instrument :

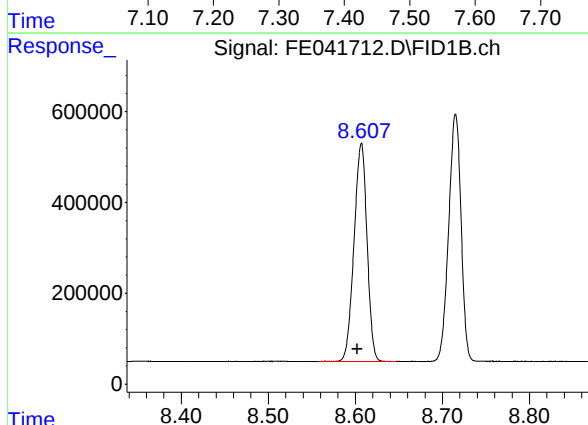
FID_E

ClientSampleId :

CF-25MSD

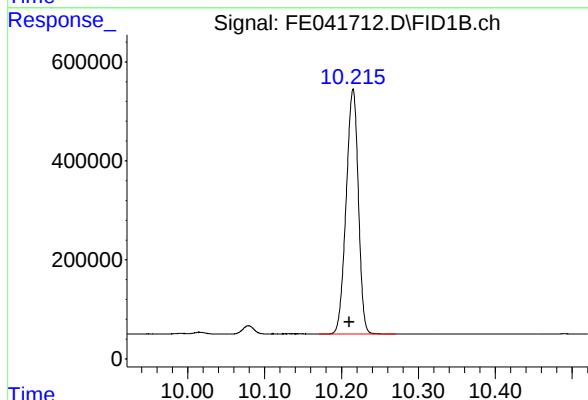
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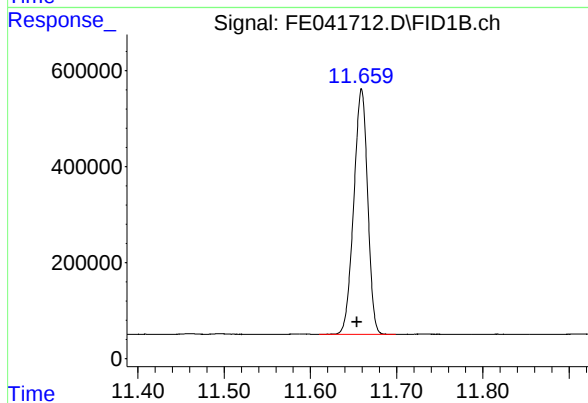
#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 4976932
Conc: 32.76 ug/ml



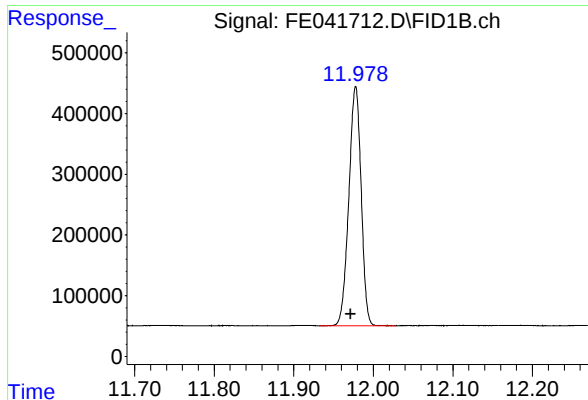
#7 n-Hexadecane (C16)

R.T.: 10.215 min
Delta R.T.: 0.005 min
Response: 5439761
Conc: 34.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.659 min
Delta R.T.: 0.005 min
Response: 5719633
Conc: 34.89 ug/ml



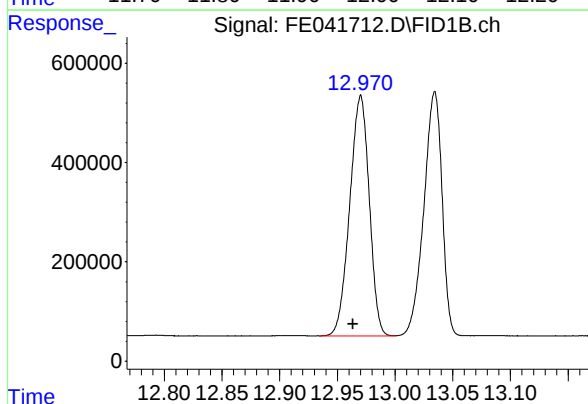
#9 ortho-Terphenyl (SURR)

R.T.: 11.978 min
Delta R.T.: 0.006 min
Response: 4237899
Conc: 22.59 ug/ml

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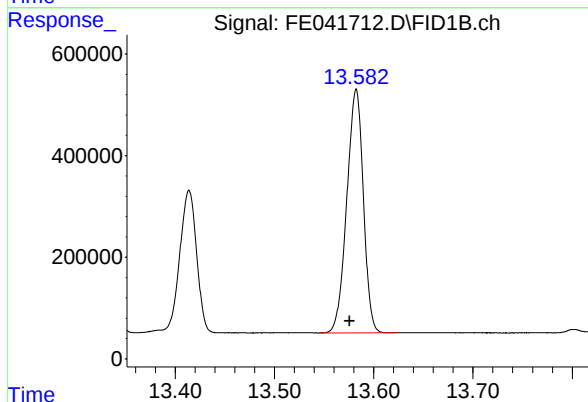
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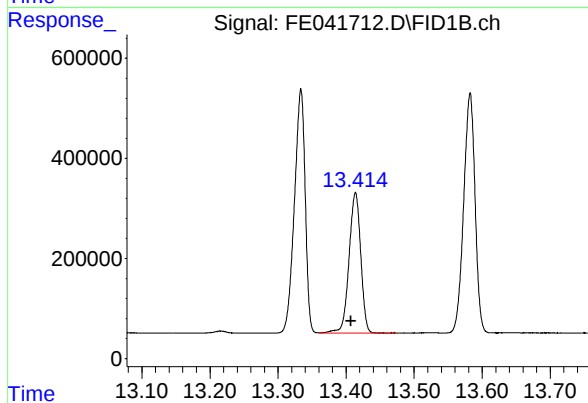
#10 n-Eicosane (C20)

R.T.: 12.970 min
Delta R.T.: 0.007 min
Response: 5691877
Conc: 35.39 ug/ml



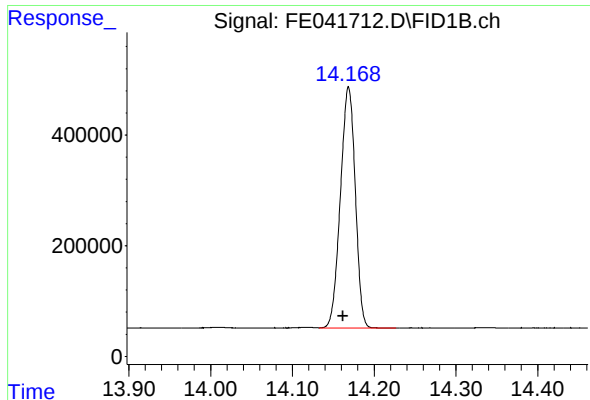
#11 n-Heneicosane (C21)

R.T.: 13.582 min
Delta R.T.: 0.006 min
Response: 5561866
Conc: 34.90 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.414 min
Delta R.T.: 0.006 min
Response: 3352898
Conc: 23.73 ug/ml



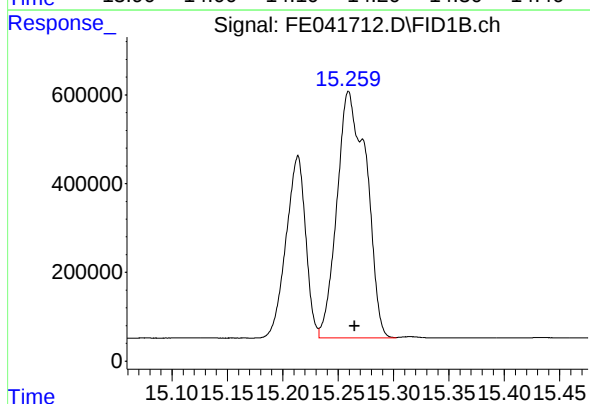
#13 n-Docosane (C22)

R.T.: 14.169 min
Delta R.T.: 0.007 min
Response: 5507755
Conc: 34.57 ug/ml

Instrument :
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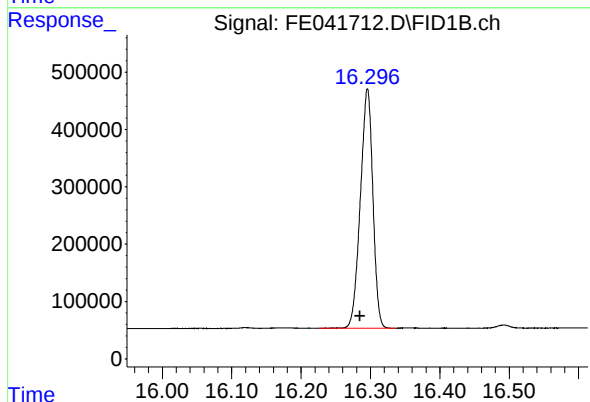
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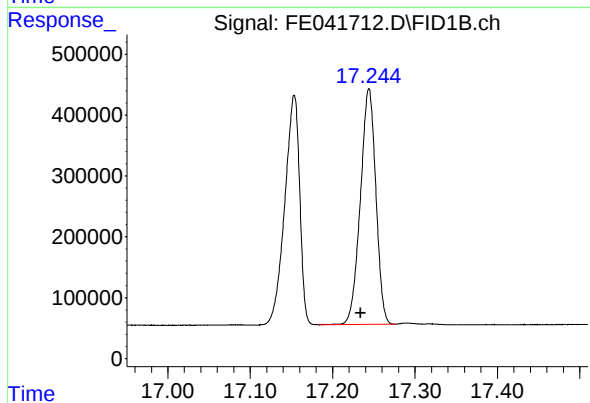
#14 n-Tetracosane (C24)

R.T.: 15.259 min
Delta R.T.: -0.006 min
Response: 10279355
Conc: 63.76 ug/ml



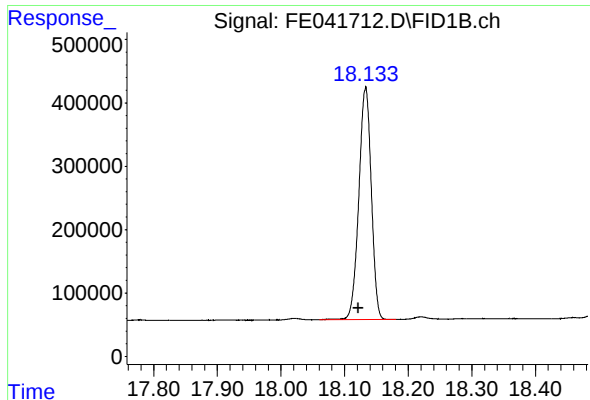
#15 n-Hexacosane (C26)

R.T.: 16.296 min
Delta R.T.: 0.011 min
Response: 5228672
Conc: 33.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.244 min
Delta R.T.: 0.010 min
Response: 5066750
Conc: 32.93 ug/ml



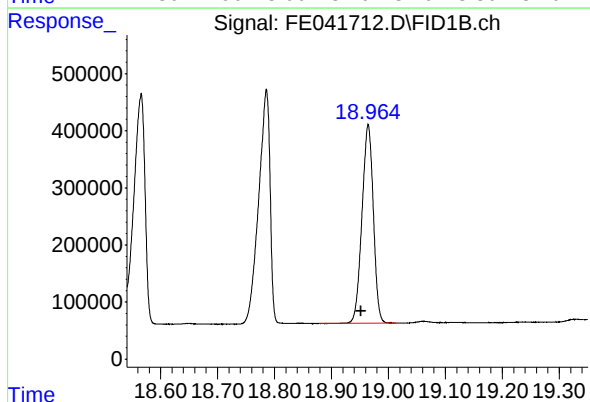
#17 n-Tricontane (C30)

R.T.: 18.133 min
Delta R.T.: 0.012 min
Response: 4989760
Conc: 32.76 ug/ml

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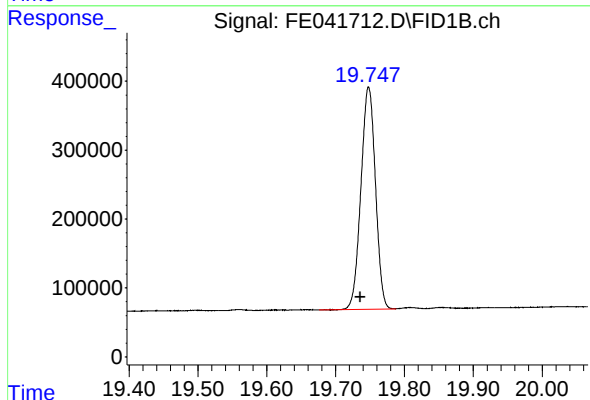
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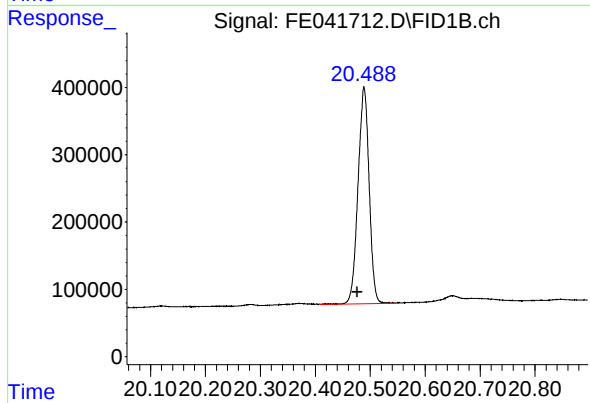
#18 n-Dotriacontane (C32)

R.T.: 18.965 min
Delta R.T.: 0.012 min
Response: 4818457
Conc: 32.34 ug/ml



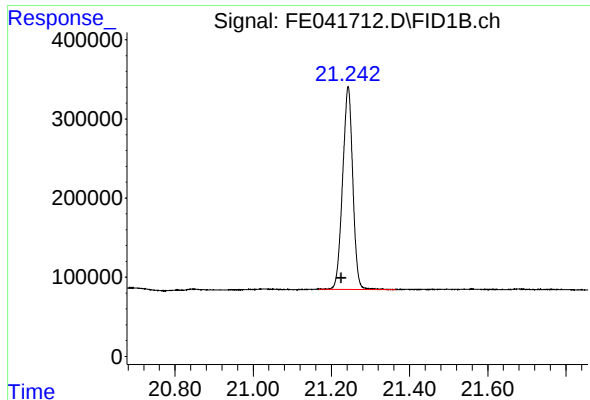
#19 n-Tetratriacontane (C34)

R.T.: 19.748 min
Delta R.T.: 0.012 min
Response: 4742886
Conc: 33.67 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.489 min
Delta R.T.: 0.013 min
Response: 4547891
Conc: 34.01 ug/ml



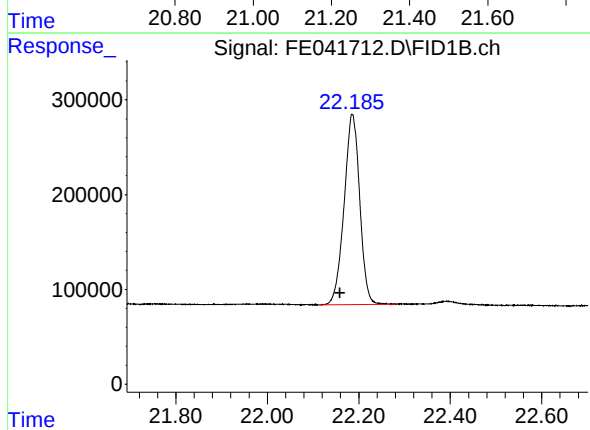
#21 n-Octatriacontane (C38)

R.T.: 21.243 min
Delta R.T.: 0.018 min
Response: 4620612
Conc: 34.97 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.185 min
Delta R.T.: 0.026 min
Response: 4764420
Conc: 37.63 ug/ml m