

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE090122AL\
 Data File : FE037372.D
 Signal(s) : FID1B.ch
 Acq On : 01 Sep 2022 09:19
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/02/2022
 Supervised By :Ankita Jodhani 09/02/2022

Integration File: autoint1.e
 Quant Time: Sep 02 02:17:33 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.640	3526155	20.866 ug/ml
Spiked Amount 50.000		Recovery =	41.73%
12) S 1-chlorooctadecane (S...	13.061	2642754	20.534 ug/ml
Spiked Amount 50.000		Recovery =	41.07%
Target Compounds			
1) T n-Nonane (C9)	3.040	3319929	21.698 ug/ml
2) T n-Decane (C10)	4.296	3376108	21.898 ug/ml
3) T A~Naphthalene (C11.7)	6.012	3266954	22.676 ug/ml
4) T n-Dodecane (C12)	6.465	3469080	21.938 ug/ml
5) T A~2-methylnaphthalene...	7.106	3001773	21.501 ug/ml
6) T n-Tetradecane (C14)	9.883	3407021	21.502 ug/ml
7) T n-Hexadecane (C16)	9.883	3407021	21.502 ug/ml
8) T n-Octadecane (C18)	11.317	3383105	21.245 ug/ml
10) T n-Eicosane (C20)	12.618	3300212	20.858 ug/ml
11) T n-Heneicosane (C21)	13.226	3260863	20.679 ug/ml
13) T n-Docosane (C22)	13.810	3193368	20.514 ug/ml
14) T n-Tetracosane (C24)	14.907	3046983	20.259 ug/ml
15) T n-Hexacosane (C26)	15.922	2926569	20.211 ug/ml
16) T n-Octacosane (C28)	16.866	2834053	20.457 ug/ml
17) T n-Tricontane (C30)	17.749	2867184	21.077 ug/ml
18) T n-Dotriacontane (C32)	18.576	2887317	21.623 ug/ml
19) T n-Tetratriacontane (C34)	19.357	2775573	21.937 ug/ml
20) T n-Hexatriacontane (C36)	20.093	2811094	21.857 ug/mlm
21) T n-Octatriacontane (C38)	20.789	2715551	21.819 ug/ml
22) T n-Tetracontane (C40)	21.568	2729707	21.174 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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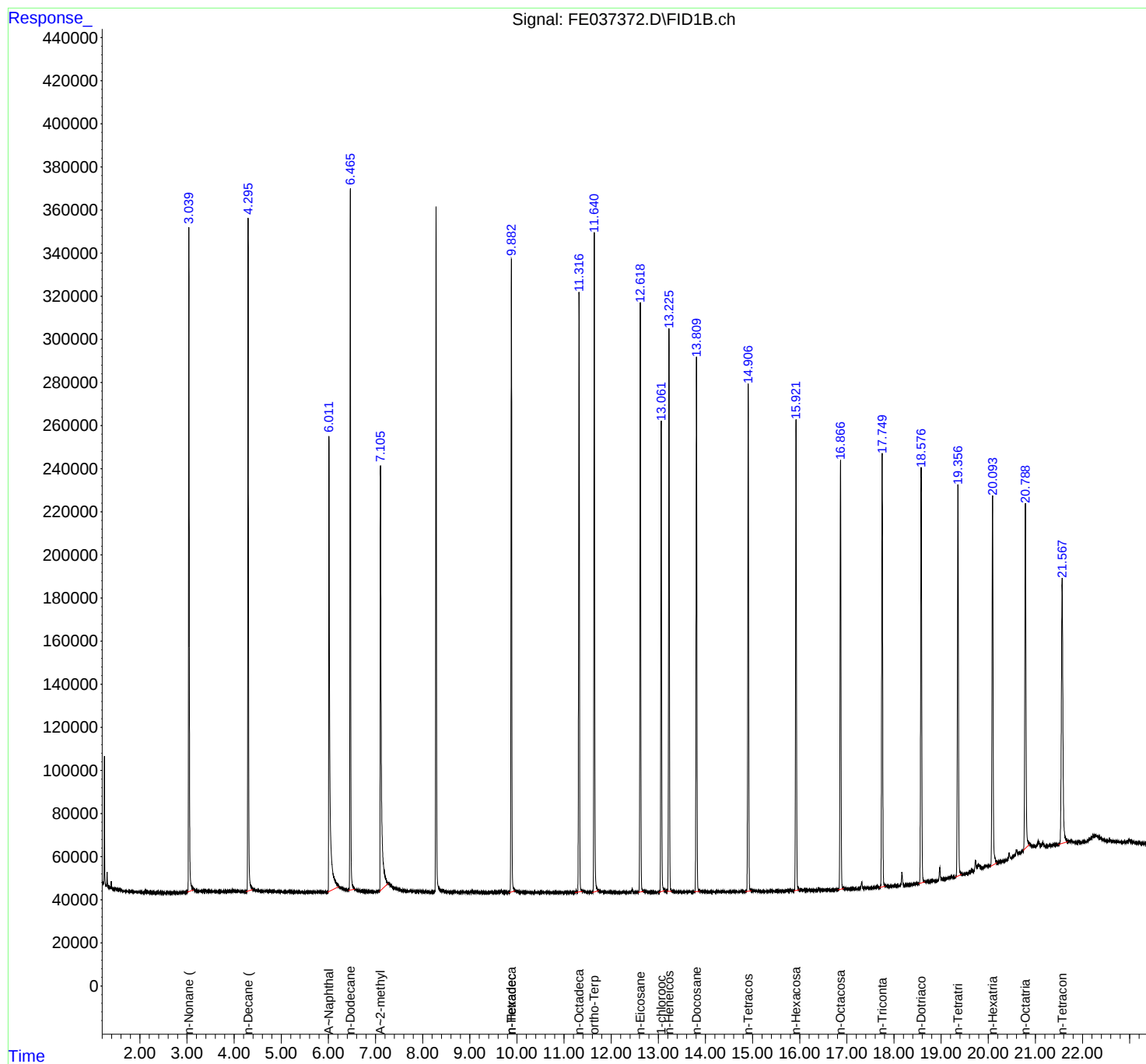
Instrument :
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20 PPM ALIPHATIC HC STD

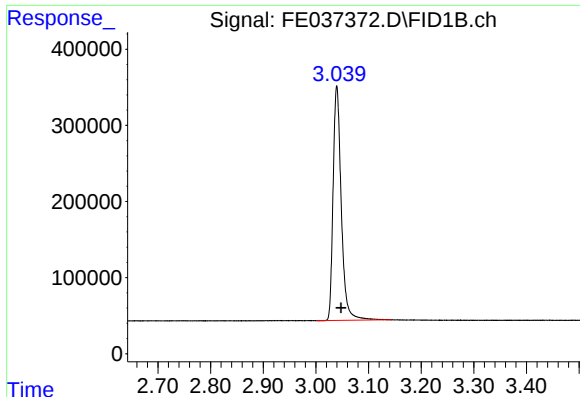
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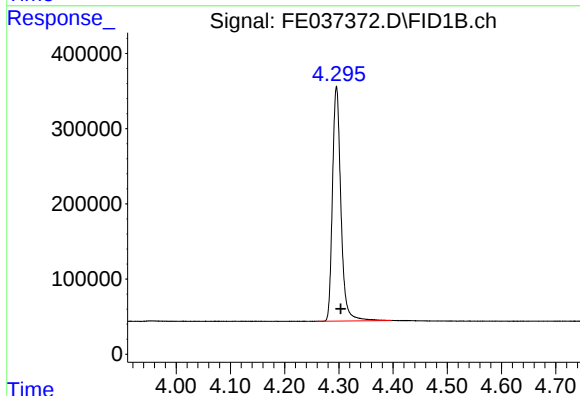
#1 n-Nonane (C9)

R.T.: 3.040 min
Delta R.T.: -0.008 min
Response: 3319929
Conc: 21.70 ug/ml

Instrument :
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ClientSampleId :
20 PPM ALIPHATIC HC STD

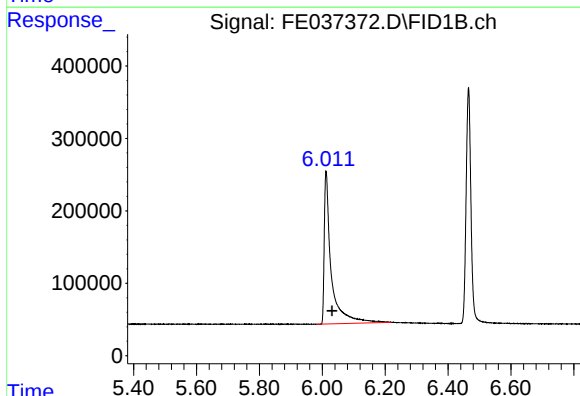
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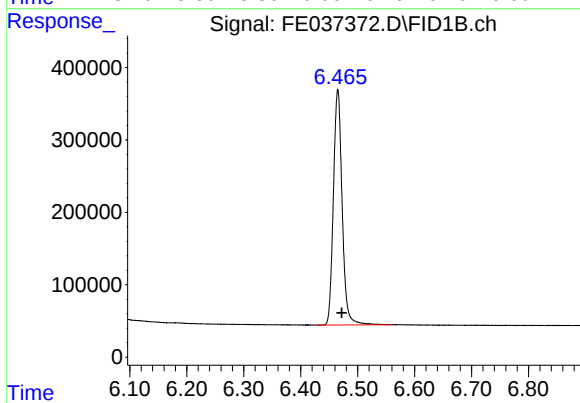
#2 n-Decane (C10)

R.T.: 4.296 min
Delta R.T.: -0.008 min
Response: 3376108
Conc: 21.90 ug/ml



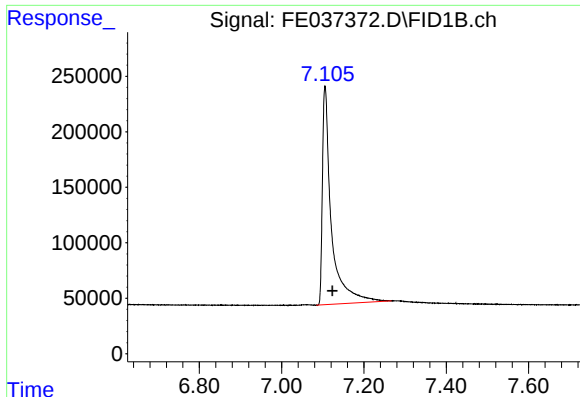
#3 A~Naphthalene (C11.7)

R.T.: 6.012 min
Delta R.T.: -0.018 min
Response: 3266954
Conc: 22.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.465 min
Delta R.T.: -0.007 min
Response: 3469080
Conc: 21.94 ug/ml



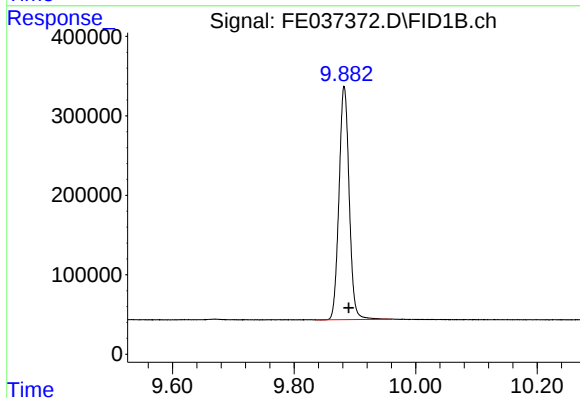
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.106 min
Delta R.T.: -0.018 min
Response: 3001773
Conc: 21.50 ug/ml

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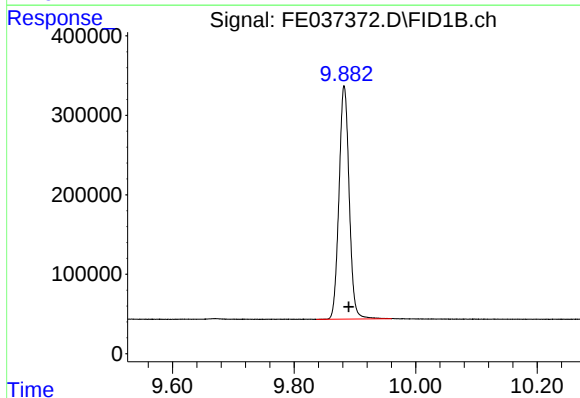
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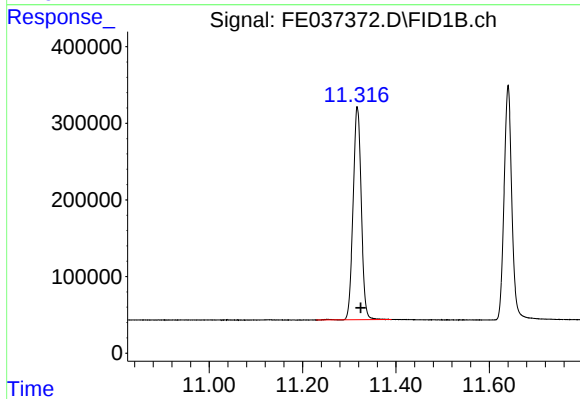
#6 n-Tetradecane (C14)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3407021
Conc: 21.50 ug/ml



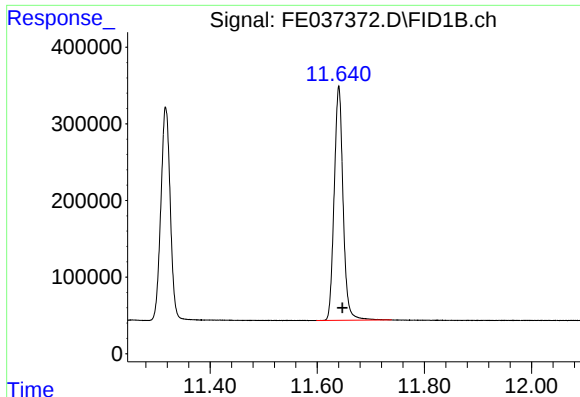
#7 n-Hexadecane (C16)

R.T.: 9.883 min
Delta R.T.: -0.007 min
Response: 3407021
Conc: 21.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.317 min
Delta R.T.: -0.007 min
Response: 3383105
Conc: 21.24 ug/ml



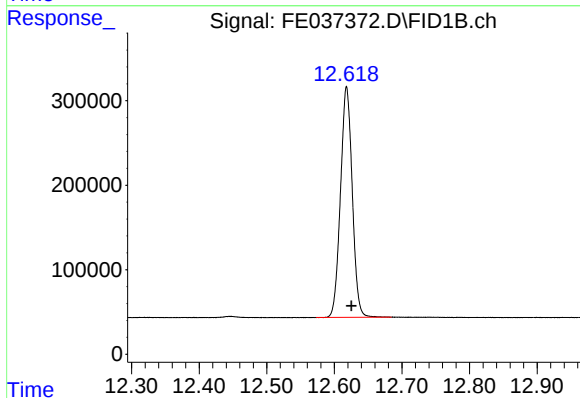
#9 ortho-Terphenyl (SURR)

R.T.: 11.640 min
Delta R.T.: -0.007 min
Response: 3526155
Conc: 20.87 ug/ml

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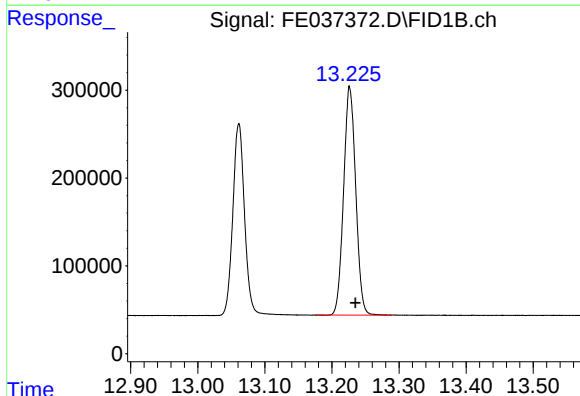
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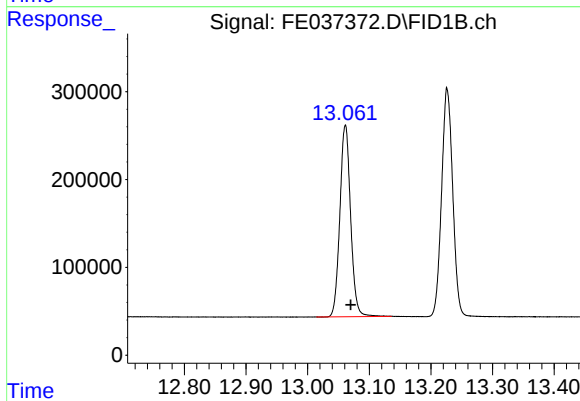
#10 n-Eicosane (C20)

R.T.: 12.618 min
Delta R.T.: -0.007 min
Response: 3300212
Conc: 20.86 ug/ml



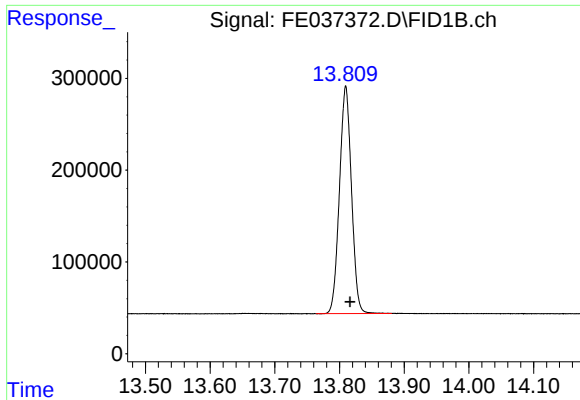
#11 n-Heneicosane (C21)

R.T.: 13.226 min
Delta R.T.: -0.008 min
Response: 3260863
Conc: 20.68 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.061 min
Delta R.T.: -0.008 min
Response: 2642754
Conc: 20.53 ug/ml



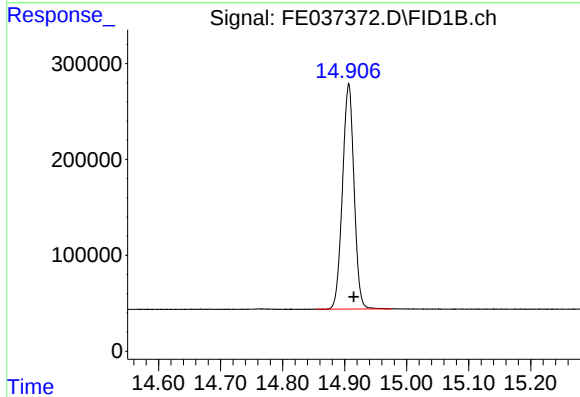
#13 n-Docosane (C22)

R.T.: 13.810 min
Delta R.T.: -0.007 min
Response: 3193368
Conc: 20.51 ug/ml

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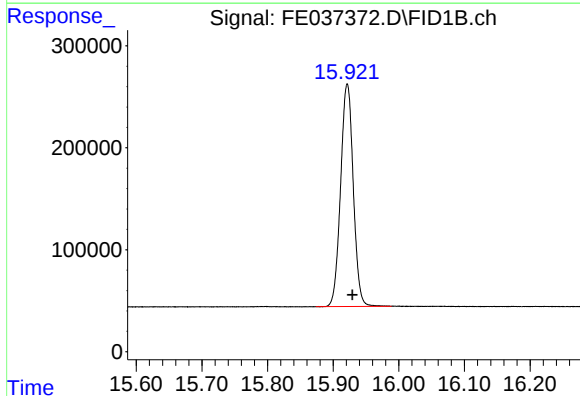
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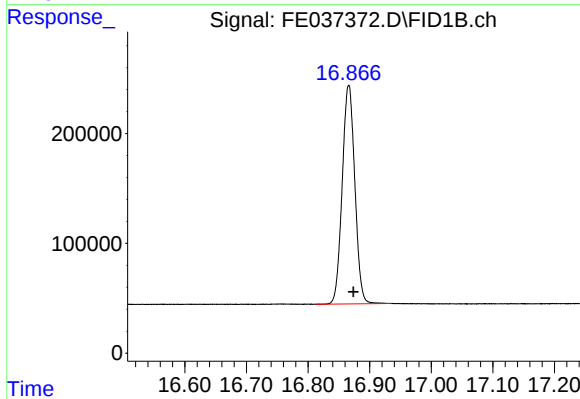
#14 n-Tetracosane (C24)

R.T.: 14.907 min
Delta R.T.: -0.008 min
Response: 3046983
Conc: 20.26 ug/ml



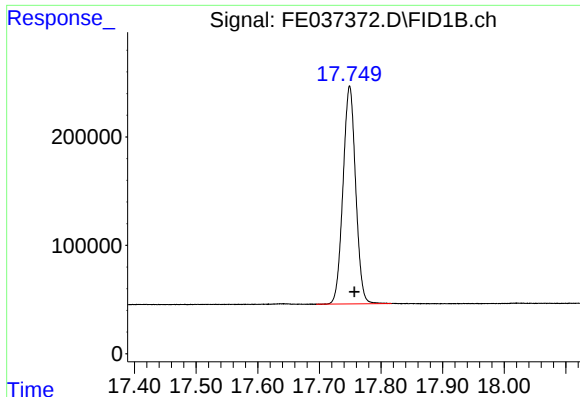
#15 n-Hexacosane (C26)

R.T.: 15.922 min
Delta R.T.: -0.008 min
Response: 2926569
Conc: 20.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.866 min
Delta R.T.: -0.007 min
Response: 2834053
Conc: 20.46 ug/ml



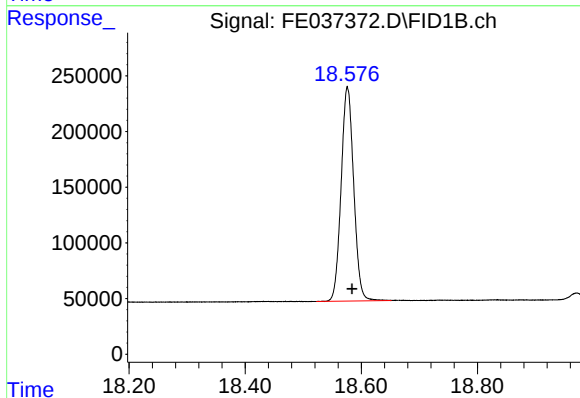
#17 n-Tricontane (C30)

R.T.: 17.749 min
Delta R.T.: -0.008 min
Response: 2867184
Conc: 21.08 ug/ml

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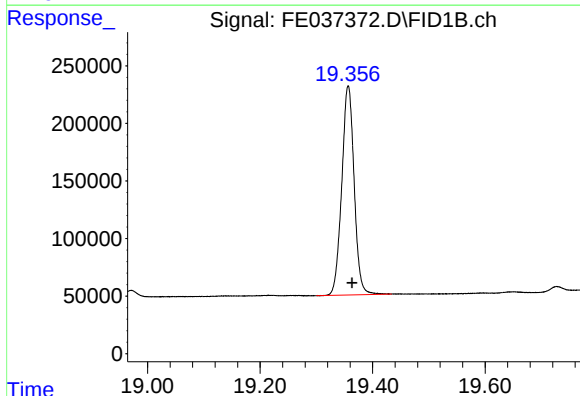
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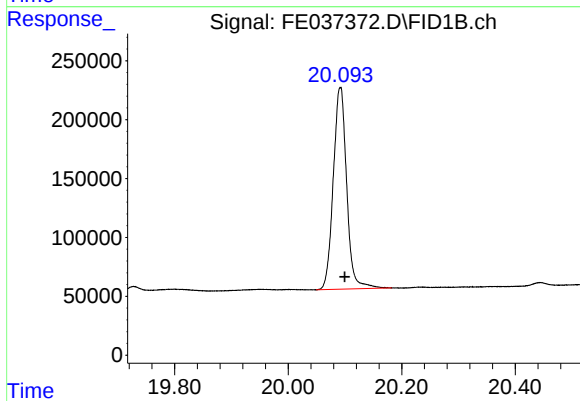
#18 n-Dotriacontane (C32)

R.T.: 18.576 min
Delta R.T.: -0.008 min
Response: 2887317
Conc: 21.62 ug/ml



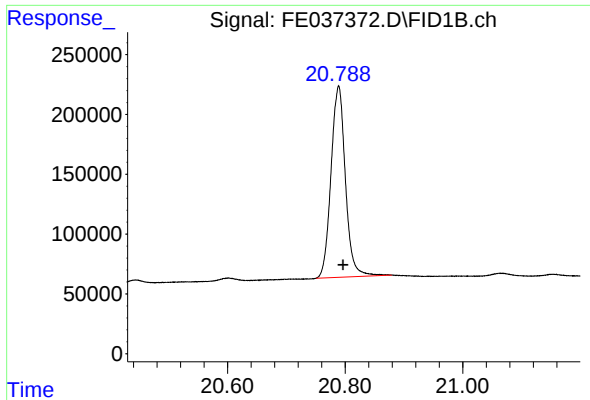
#19 n-Tetratriacontane (C34)

R.T.: 19.357 min
Delta R.T.: -0.007 min
Response: 2775573
Conc: 21.94 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.093 min
Delta R.T.: -0.006 min
Response: 2811094
Conc: 21.86 ug/ml m



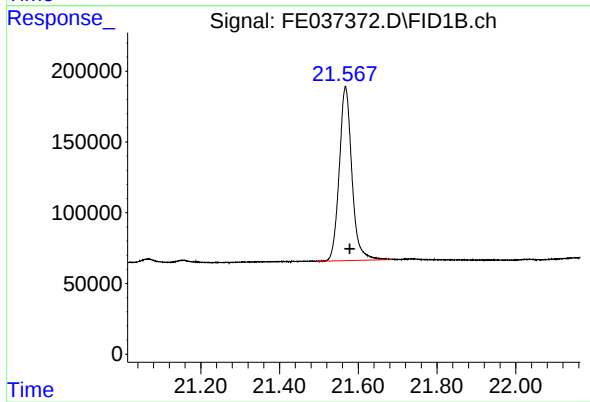
#21 n-Octatriacontane (C38)

R.T.: 20.789 min
Delta R.T.: -0.007 min
Response: 2715551
Conc: 21.82 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.568 min
Delta R.T.: -0.011 min
Response: 2729707
Conc: 21.17 ug/ml