

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092622AL\
 Data File : FE037792.D
 Signal(s) : FID1B.ch
 Acq On : 26 Sep 2022 19:19
 Operator : YP\AJ
 Sample : N4780-38MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SP-4FMSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/27/2022
 Supervised By :Ankita Jodhani 09/27/2022

Integration File: autoint1.e
 Quant Time: Sep 27 01:30:47 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)	11.619	4087054	24.185 ug/ml
Spiked Amount 50.000		Recovery =	48.37%
12) S 1-chlorooctadecane (S...	13.041	3380054	26.263 ug/ml
Spiked Amount 50.000		Recovery =	52.53%
Target Compounds			
1) T n-Nonane (C9)	3.014	3845660	25.134 ug/mlm
2) T n-Decane (C10)	4.312	4438307	28.787 ug/ml
3) T A~Naphthalene (C11.7)	5.986	4621822	32.080 ug/ml
4) T n-Dodecane (C12)	6.444	4825066	30.513 ug/ml
5) T A~2-methylnaphthalene...	7.080	4635839	33.205 ug/ml
6) T n-Tetradecane (C14)	9.862	5323731	33.598 ug/ml
7) T n-Hexadecane (C16)	9.862	5323731	33.598 ug/ml
8) T n-Octadecane (C18)	11.299	5603549	35.189 ug/ml
10) T n-Eicosane (C20)	12.601	5456254	34.485 ug/ml
11) T n-Heneicosane (C21)	13.209	5376181	34.093 ug/ml
13) T n-Docosane (C22)	13.792	5295080	34.015 ug/ml
14) T n-Tetracosane (C24)	14.891	10270902	68.289 ug/ml
15) T n-Hexacosane (C26)	15.906	4980717	34.396 ug/ml
16) T n-Octacosane (C28)	16.850	5429628	39.192 ug/ml
17) T n-Tricontane (C30)	17.733	4882732	35.894 ug/ml
18) T n-Dotriacontane (C32)	18.560	5134090	38.448 ug/ml
19) T n-Tetratriacontane (C34)	19.339	5032813	39.776 ug/ml
20) T n-Hexatriacontane (C36)	20.076	4919877	38.253 ug/ml
21) T n-Octatriacontane (C38)	20.775	5079089	40.809 ug/ml
22) T n-Tetracontane (C40)	21.549	5180835	40.188 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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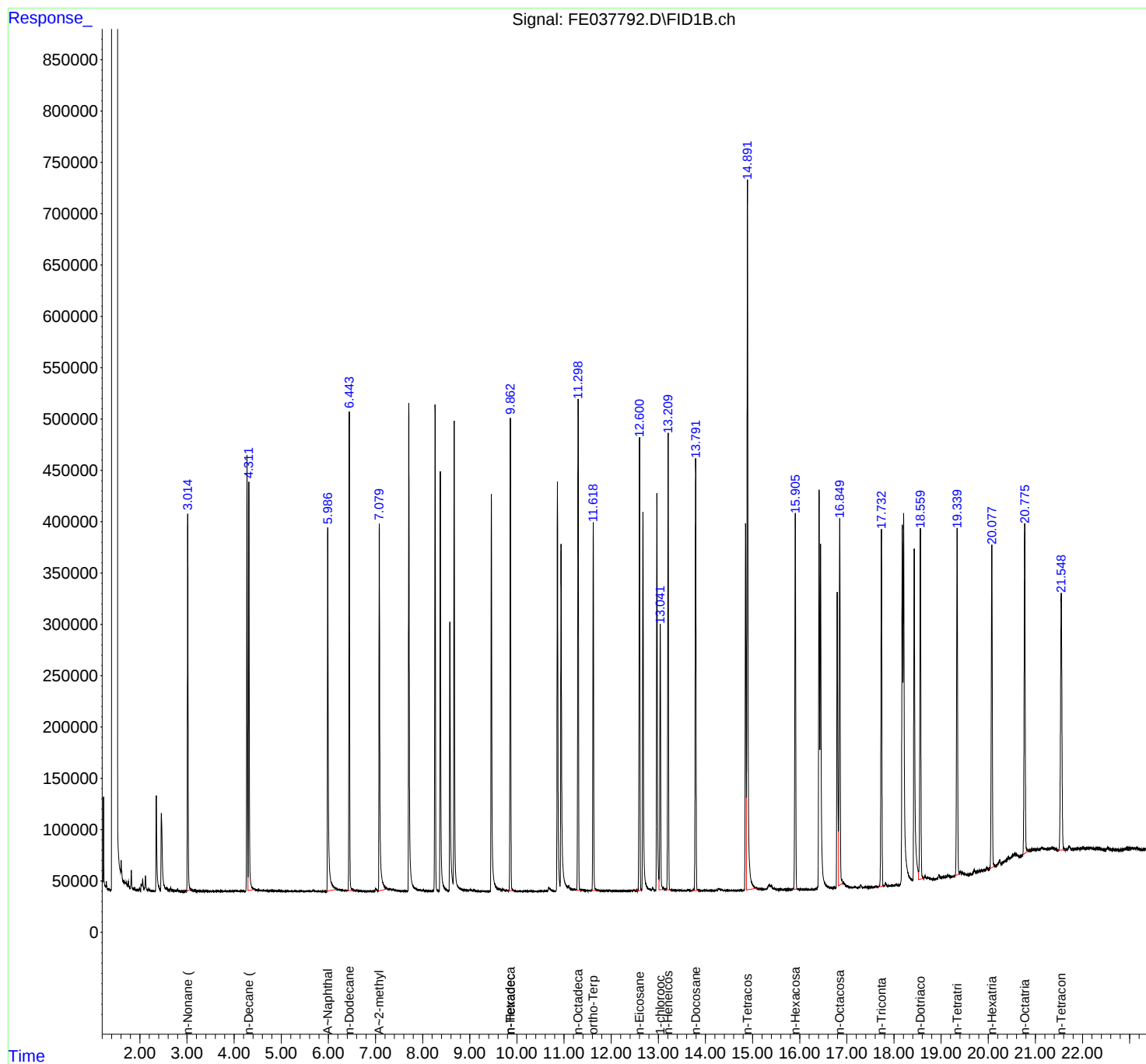
Instrument :
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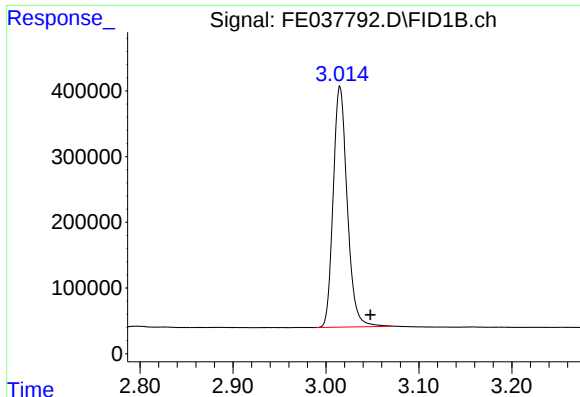
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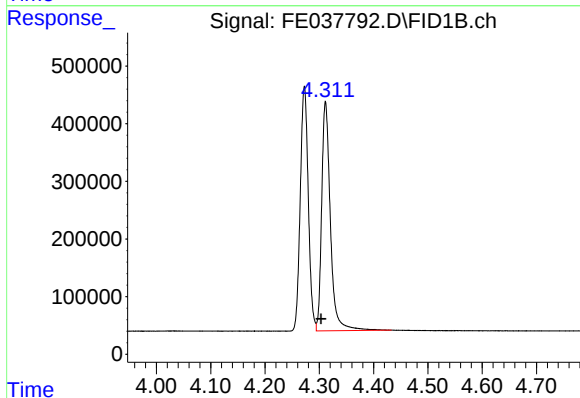
#1 n-Nonane (C9)

R.T.: 3.014 min
Delta R.T.: -0.034 min
Response: 3845660
Conc: 25.13 ug/ml

Instrument :
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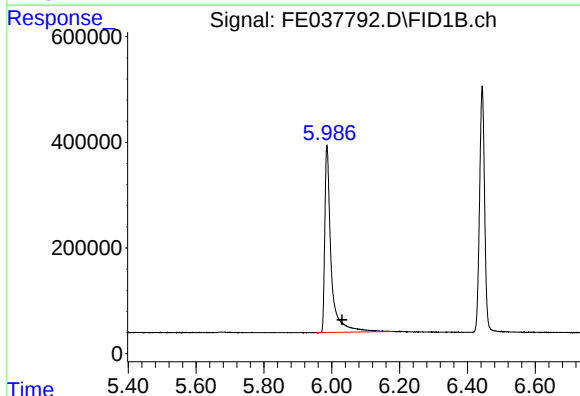
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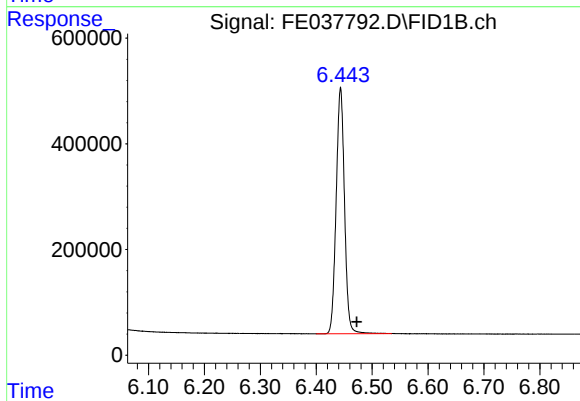
#2 n-Decane (C10)

R.T.: 4.312 min
Delta R.T.: 0.008 min
Response: 4438307
Conc: 28.79 ug/ml



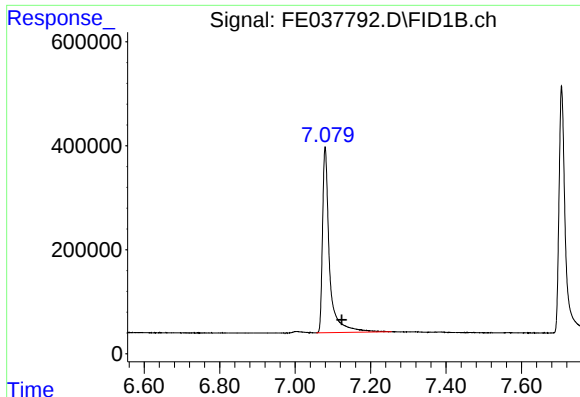
#3 A~Naphthalene (C11.7)

R.T.: 5.986 min
Delta R.T.: -0.045 min
Response: 4621822
Conc: 32.08 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.029 min
Response: 4825066
Conc: 30.51 ug/ml



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

R.T.: 7.080 min
Delta R.T.: -0.044 min
Response: 4635839
Conc: 33.20 ug/ml

Instrument :

FID_E

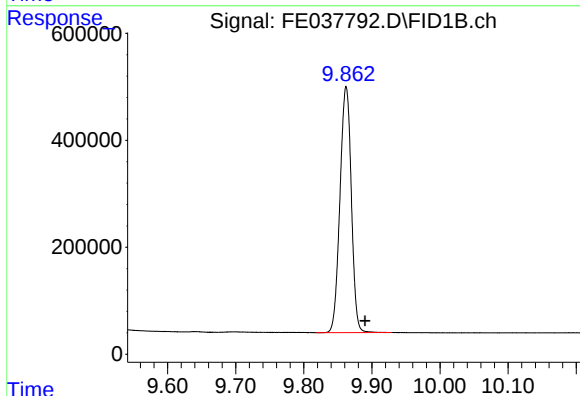
ClientSampleId :

SP-4FMSD

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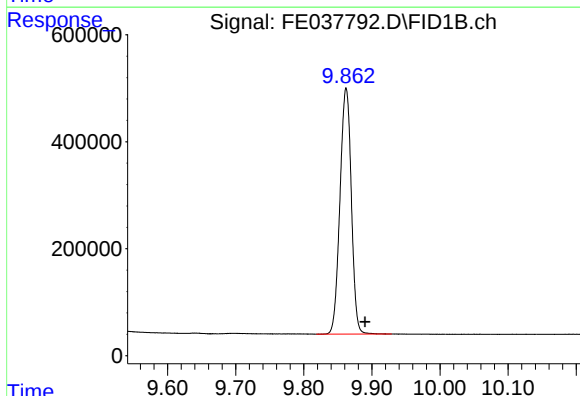
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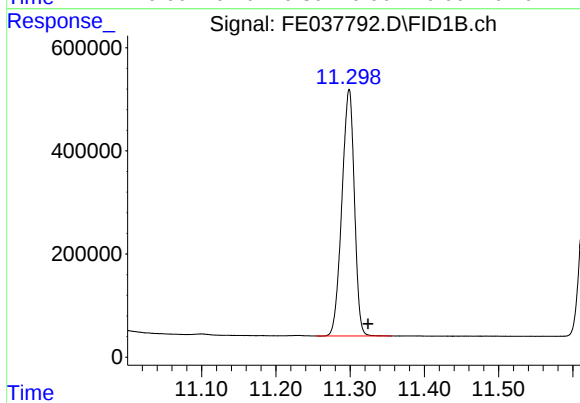
#6 n-Tetradecane (C14)

R.T.: 9.862 min
Delta R.T.: -0.027 min
Response: 5323731
Conc: 33.60 ug/ml



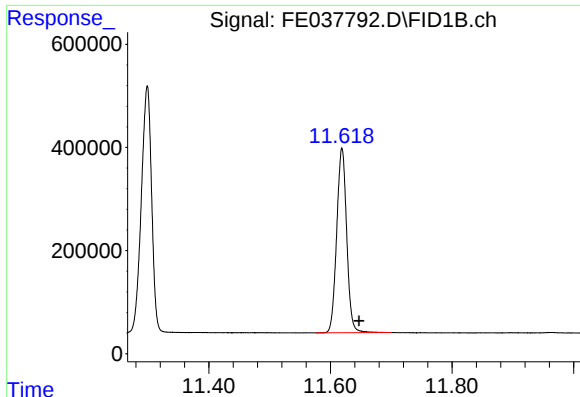
#7 n-Hexadecane (C16)

R.T.: 9.862 min
Delta R.T.: -0.027 min
Response: 5323731
Conc: 33.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.299 min
Delta R.T.: -0.025 min
Response: 5603549
Conc: 35.19 ug/ml



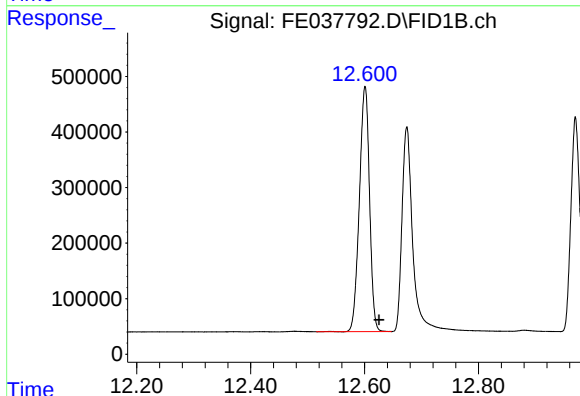
#9 ortho-Terphenyl (SURR)

R.T.: 11.619 min
Delta R.T.: -0.028 min
Response: 4087054
Conc: 24.18 ug/ml

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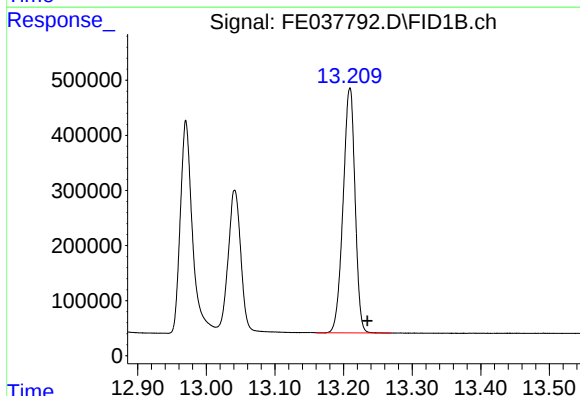
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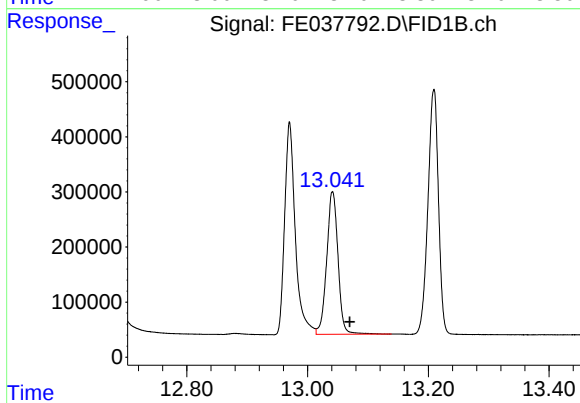
#10 n-Eicosane (C20)

R.T.: 12.601 min
Delta R.T.: -0.024 min
Response: 5456254
Conc: 34.49 ug/ml



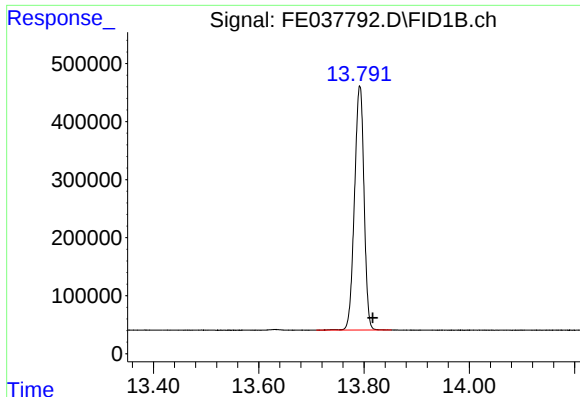
#11 n-Heneicosane (C21)

R.T.: 13.209 min
Delta R.T.: -0.025 min
Response: 5376181
Conc: 34.09 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.041 min
Delta R.T.: -0.028 min
Response: 3380054
Conc: 26.26 ug/ml



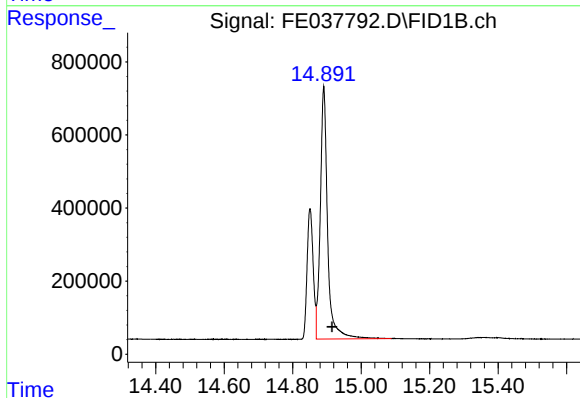
#13 n-Docosane (C22)

R.T.: 13.792 min
Delta R.T.: -0.024 min
Response: 5295080
Conc: 34.01 ug/ml

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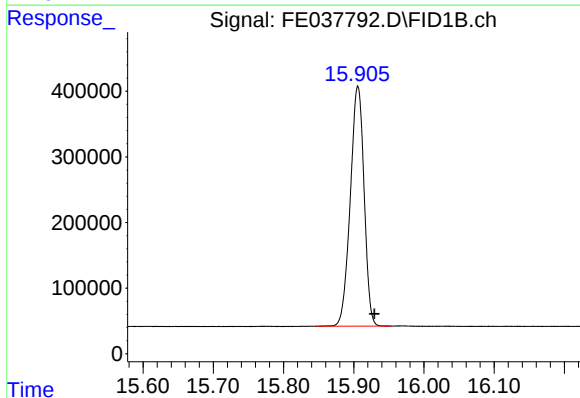
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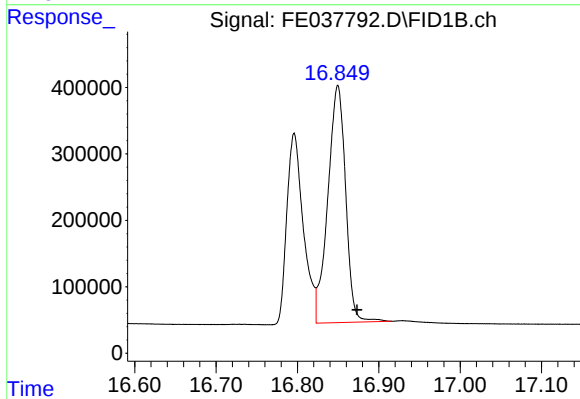
#14 n-Tetracosane (C24)

R.T.: 14.891 min
Delta R.T.: -0.024 min
Response: 10270902
Conc: 68.29 ug/ml



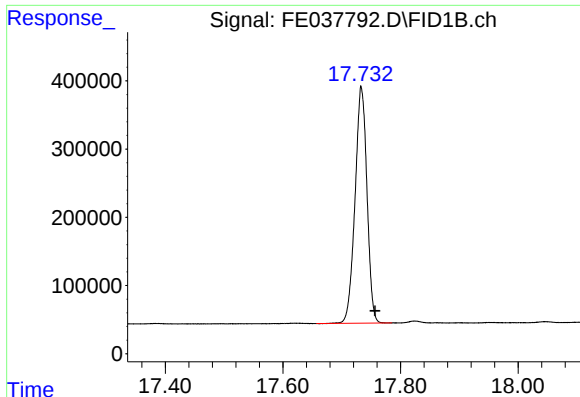
#15 n-Hexacosane (C26)

R.T.: 15.906 min
Delta R.T.: -0.024 min
Response: 4980717
Conc: 34.40 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.850 min
Delta R.T.: -0.024 min
Response: 5429628
Conc: 39.19 ug/ml



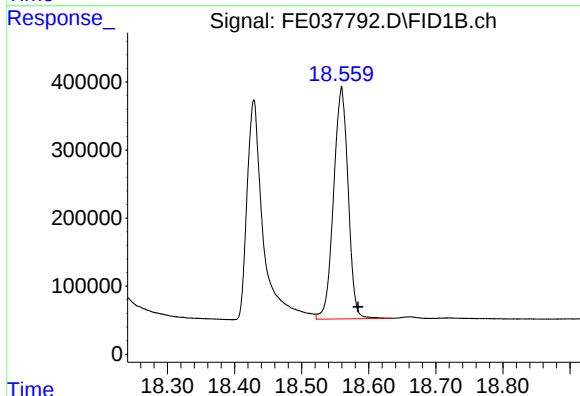
#17 n-Tricontane (C30)

R.T.: 17.733 min
Delta R.T.: -0.023 min
Response: 4882732
Conc: 35.89 ug/ml

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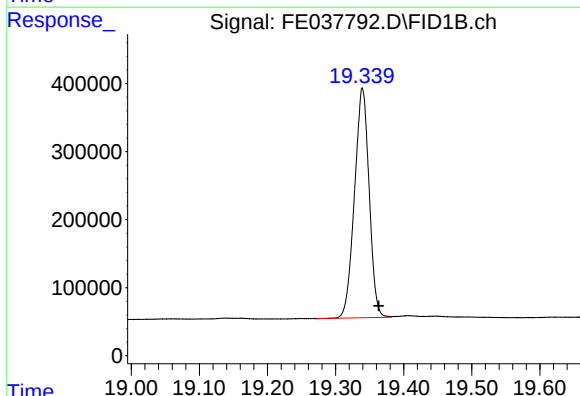
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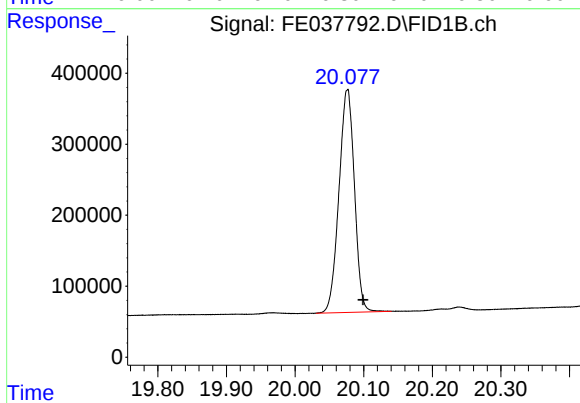
#18 n-Dotriacontane (C32)

R.T.: 18.560 min
Delta R.T.: -0.025 min
Response: 5134090
Conc: 38.45 ug/ml



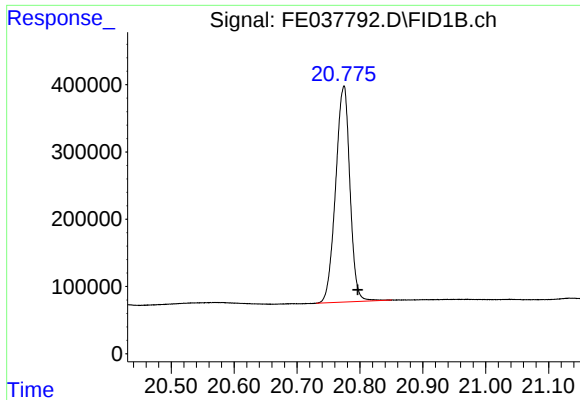
#19 n-Tetratriacontane (C34)

R.T.: 19.339 min
Delta R.T.: -0.024 min
Response: 5032813
Conc: 39.78 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.076 min
Delta R.T.: -0.023 min
Response: 4919877
Conc: 38.25 ug/ml



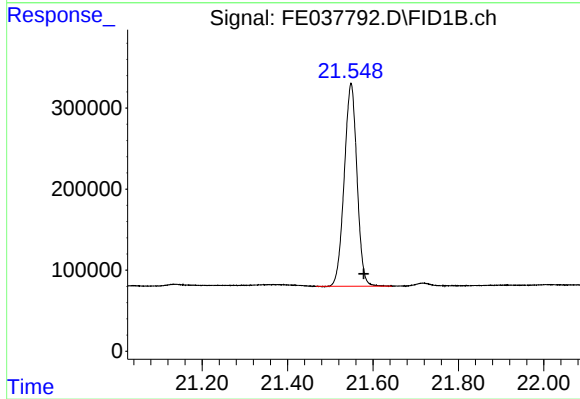
#21 n-Octatriacontane (C38)

R.T.: 20.775 min
Delta R.T.: -0.022 min
Response: 5079089
Conc: 40.81 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.549 min
Delta R.T.: -0.029 min
Response: 5180835
Conc: 40.19 ug/ml