

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091522AL\
 Data File : FE037589.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 14:32
 Operator : YP\AJ
 Sample : N4579-05MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-25MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/16/2022
 Supervised By :Ankita Jodhani 09/16/2022

Integration File: autoint1.e
 Quant Time: Sep 15 15:13:02 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)	11.627	4020689	23.792 ug/ml
Spiked Amount 50.000		Recovery =	47.58%
12) S 1-chlorooctadecane (S...	13.049	3358234	26.094 ug/ml
Spiked Amount 50.000		Recovery =	52.19%
Target Compounds			
1) T n-Nonane (C9)	3.027	4659564	30.454 ug/ml
2) T n-Decane (C10)	4.284	5299206	34.371 ug/ml
3) T A~Naphthalene (C11.7)	5.994	5724899	39.737 ug/ml
4) T n-Dodecane (C12)	6.453	5993344	37.901 ug/ml
5) T A~2-methylnaphthalene...	7.087	5818574	41.676 ug/ml
6) T n-Tetradecane (C14)	9.871	6575265	41.497 ug/ml
7) T n-Hexadecane (C16)	9.871	6575265	41.497 ug/ml
8) T n-Octadecane (C18)	11.307	6761257	42.459 ug/ml
10) T n-Eicosane (C20)	12.609	6501198	41.089 ug/ml
11) T n-Heneicosane (C21)	13.216	6390222	40.524 ug/ml
13) T n-Docosane (C22)	13.798	6303036	40.490 ug/ml
14) T n-Tetracosane (C24)	14.895	11975518	79.622 ug/ml
15) T n-Hexacosane (C26)	15.914	6120362	42.267 ug/ml
16) T n-Octacosane (C28)	16.856	6367691	45.963 ug/ml
17) T n-Tricontane (C30)	17.741	5839446	42.927 ug/ml
18) T n-Dotriacontane (C32)	18.566	5977511	44.764 ug/ml
19) T n-Tetratriacontane (C34)	19.345	5920775	46.794 ug/ml
20) T n-Hexatriacontane (C36)	20.081	5743376	44.656 ug/mlm
21) T n-Octatriacontane (C38)	20.779	5959129	47.880 ug/mlm
22) T n-Tetracontane (C40)	21.553	6180564	47.943 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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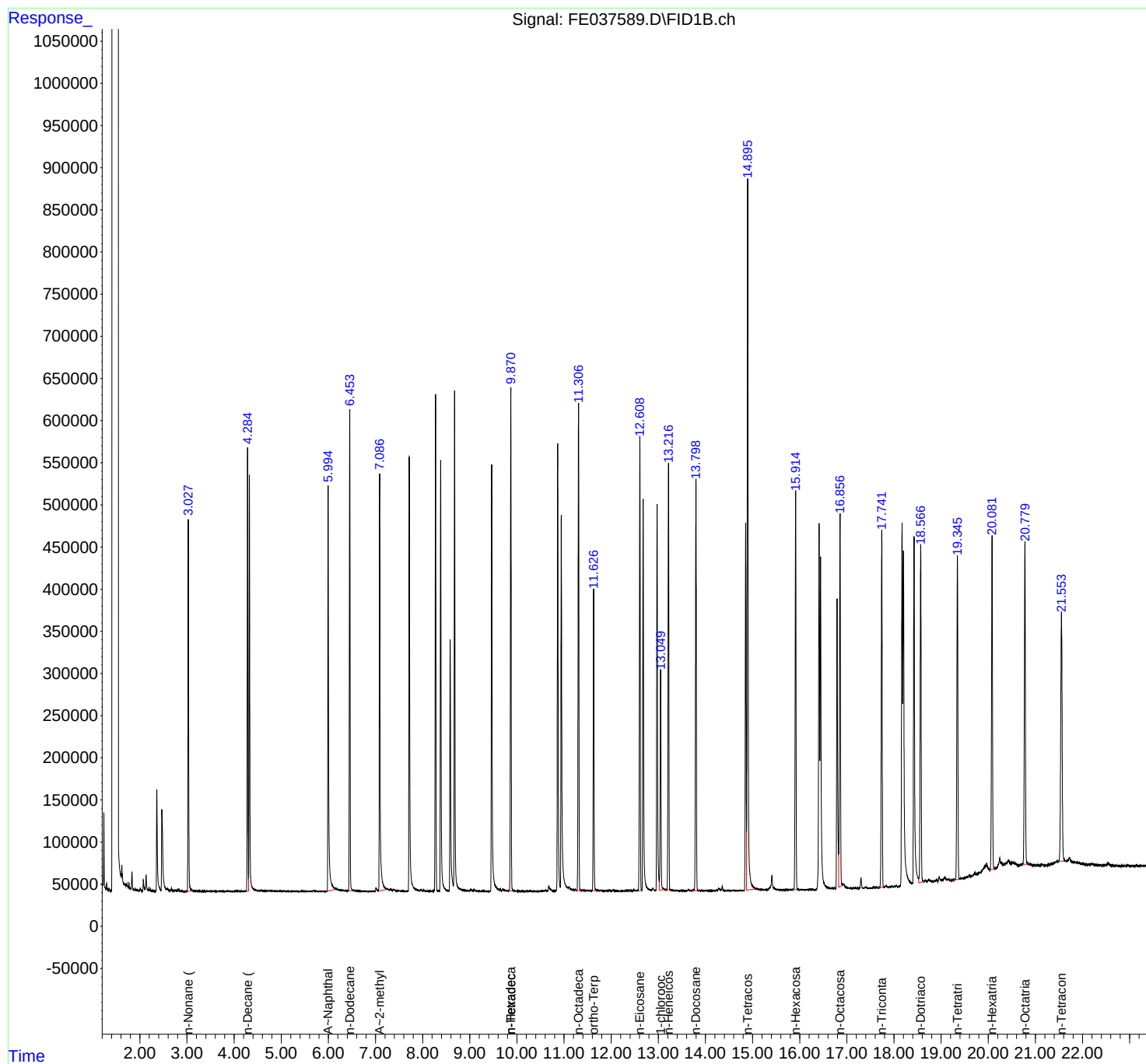
Instrument :
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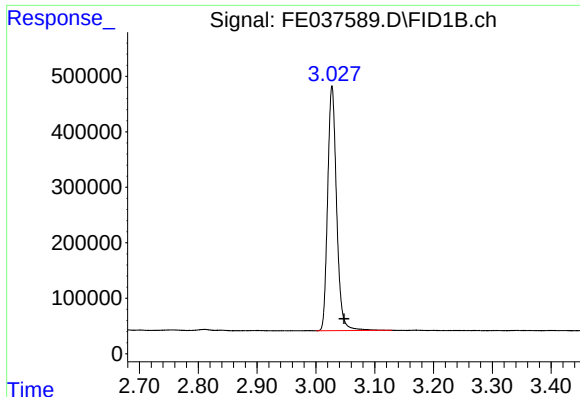
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#1 n-Nonane (C9)

R.T.: 3.027 min
Delta R.T.: -0.021 min
Response: 4659564
Conc: 30.45 ug/ml

Instrument :

FID_E

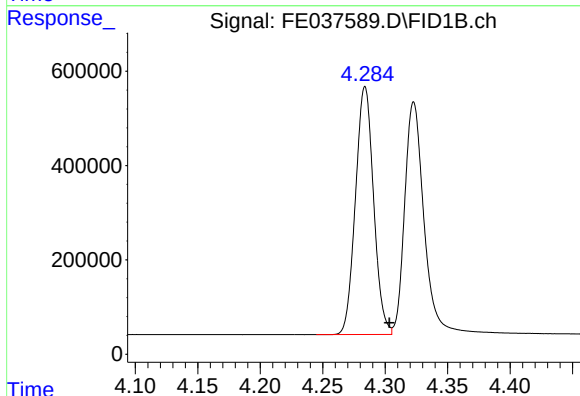
ClientSampleId :

CHERRY-HILL-25MSD

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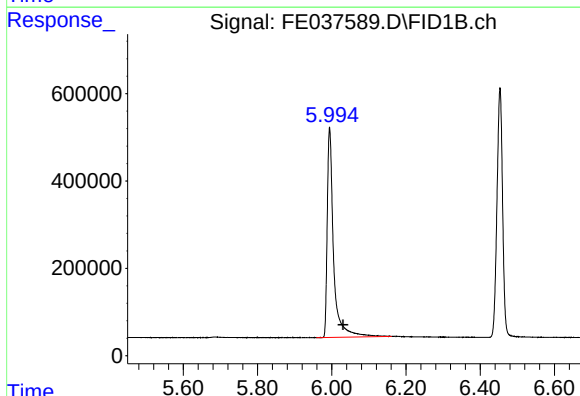
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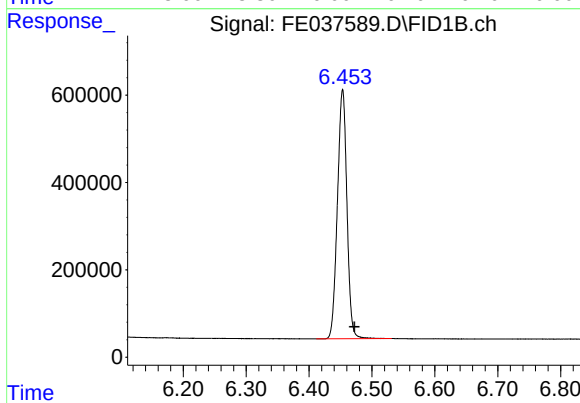
#2 n-Decane (C10)

R.T.: 4.284 min
Delta R.T.: -0.019 min
Response: 5299206
Conc: 34.37 ug/ml



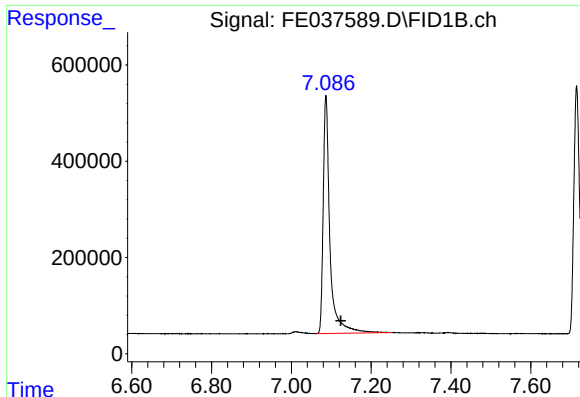
#3 A~Naphthalene (C11.7)

R.T.: 5.994 min
Delta R.T.: -0.036 min
Response: 5724899
Conc: 39.74 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.453 min
Delta R.T.: -0.019 min
Response: 5993344
Conc: 37.90 ug/ml



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

R.T.: 7.087 min
Delta R.T.: -0.037 min
Response: 5818574
Conc: 41.68 ug/ml

Instrument :

FID_E

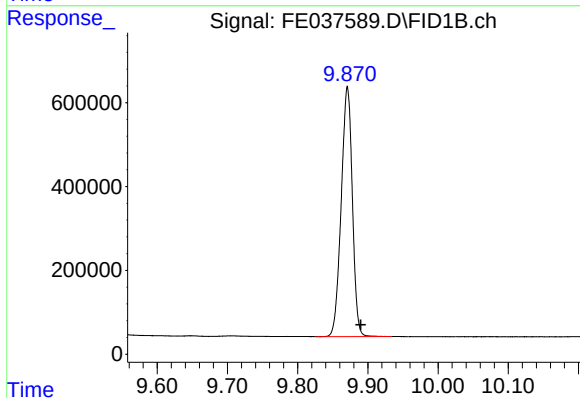
ClientSampleId :

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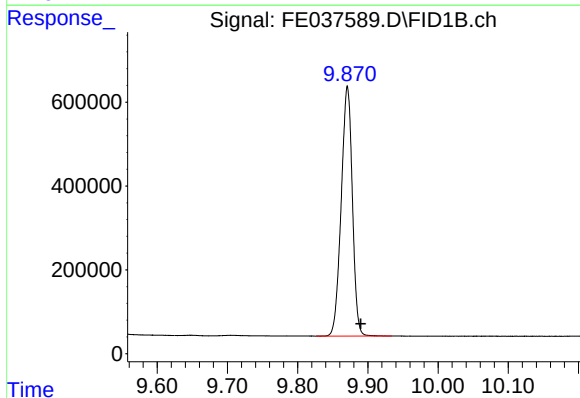
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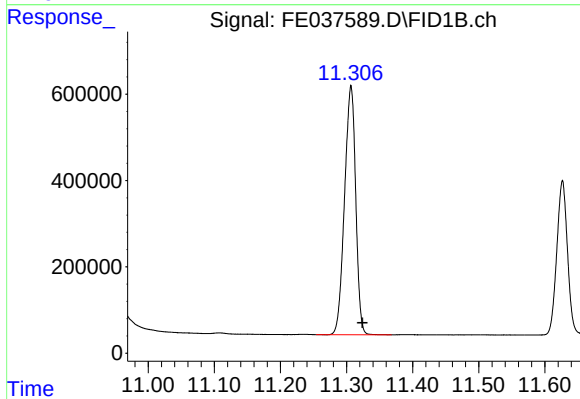
#6 n-Tetradecane (C14)

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 6575265
Conc: 41.50 ug/ml



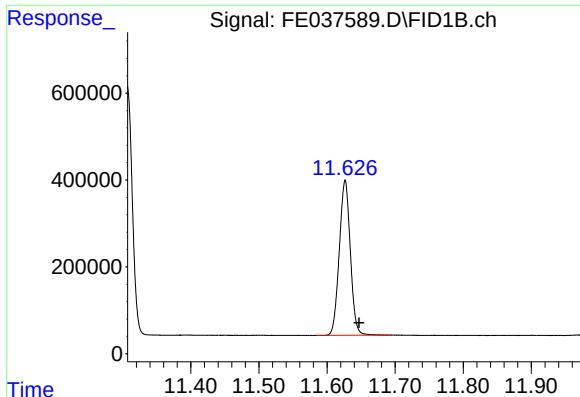
#7 n-Hexadecane (C16)

R.T.: 9.871 min
Delta R.T.: -0.019 min
Response: 6575265
Conc: 41.50 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.307 min
Delta R.T.: -0.017 min
Response: 6761257
Conc: 42.46 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.627 min
Delta R.T.: -0.020 min
Response: 4020689
Conc: 23.79 ug/ml

Instrument :

FID_E

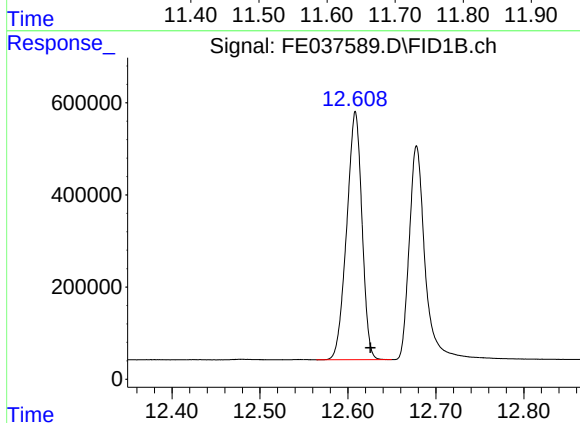
ClientSampleId :

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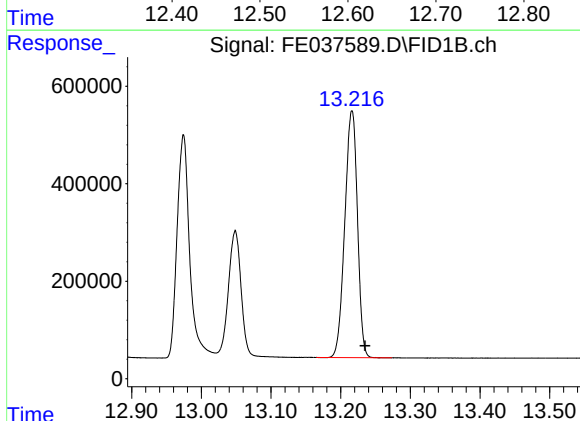
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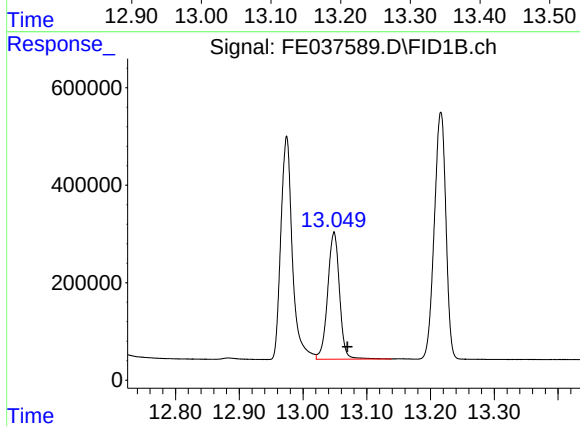
#10 n-Eicosane (C20)

R.T.: 12.609 min
Delta R.T.: -0.017 min
Response: 6501198
Conc: 41.09 ug/ml



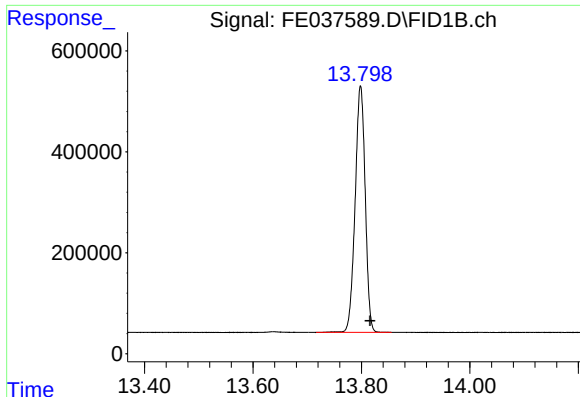
#11 n-Heneicosane (C21)

R.T.: 13.216 min
Delta R.T.: -0.018 min
Response: 6390222
Conc: 40.52 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 3358234
Conc: 26.09 ug/ml



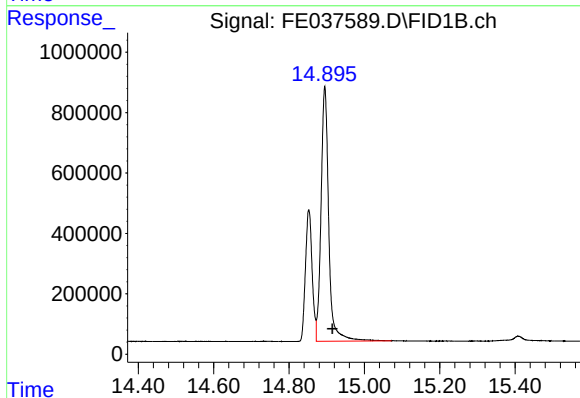
#13 n-Docosane (C22)

R.T.: 13.798 min
Delta R.T.: -0.018 min
Response: 6303036
Conc: 40.49 ug/ml

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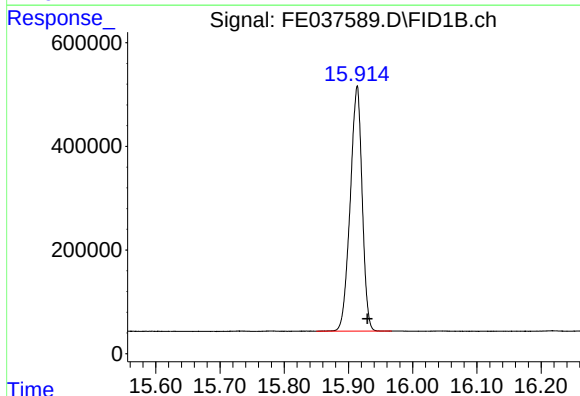
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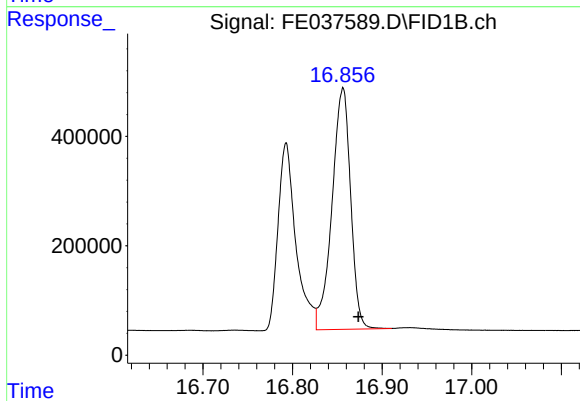
#14 n-Tetracosane (C24)

R.T.: 14.895 min
Delta R.T.: -0.020 min
Response: 11975518
Conc: 79.62 ug/ml



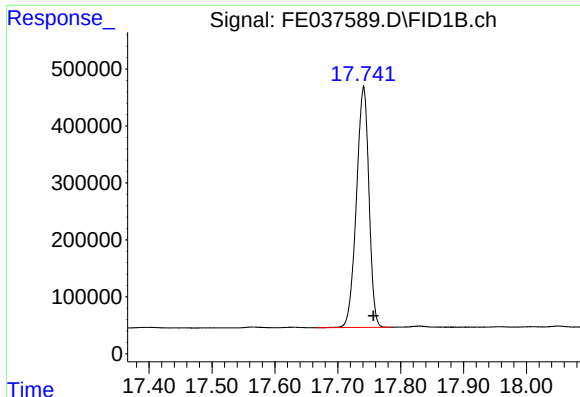
#15 n-Hexacosane (C26)

R.T.: 15.914 min
Delta R.T.: -0.016 min
Response: 6120362
Conc: 42.27 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.856 min
Delta R.T.: -0.017 min
Response: 6367691
Conc: 45.96 ug/ml



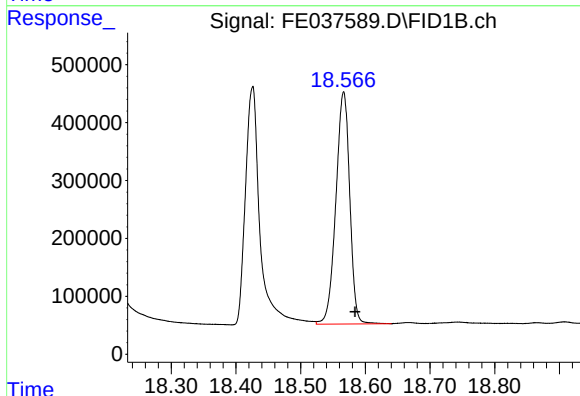
#17 n-Tricontane (C30)

R.T.: 17.741 min
Delta R.T.: -0.016 min
Response: 5839446
Conc: 42.93 ug/ml

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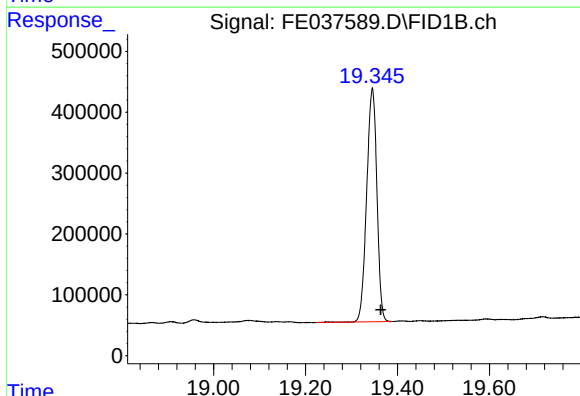
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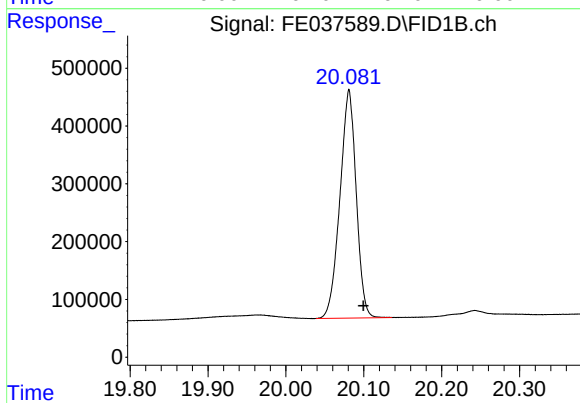
#18 n-Dotriacontane (C32)

R.T.: 18.566 min
Delta R.T.: -0.018 min
Response: 5977511
Conc: 44.76 ug/ml



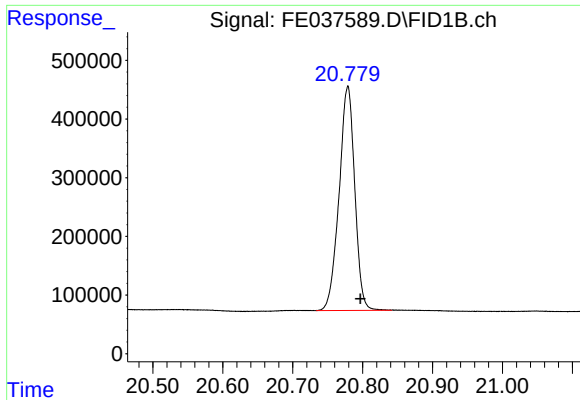
#19 n-Tetratriacontane (C34)

R.T.: 19.345 min
Delta R.T.: -0.018 min
Response: 5920775
Conc: 46.79 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.081 min
Delta R.T.: -0.019 min
Response: 5743376
Conc: 44.66 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.779 min
Delta R.T.: -0.018 min
Response: 5959129
Conc: 47.88 ug/ml

Instrument :

FID_E

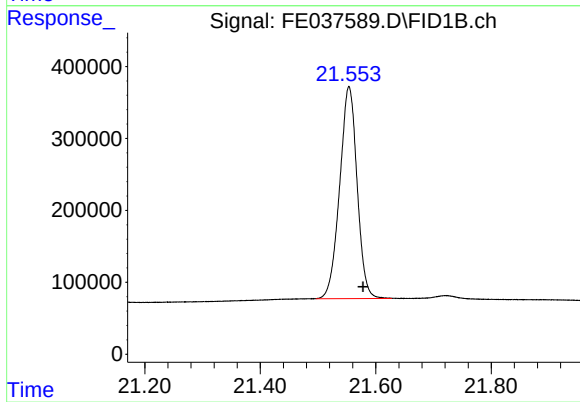
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#22 n-Tetracontane (C40)

R.T.: 21.553 min
Delta R.T.: -0.025 min
Response: 6180564
Conc: 47.94 ug/ml m