

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037566.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 01:48
 Operator : YP\AJ
 Sample : PB147635BS
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147635BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 04:52:25 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)	11.631	6969666	41.242 ug/ml
Spiked Amount 50.000		Recovery =	82.48%
12) S 1-chlorooctadecane (S...	13.052	5769714	44.831 ug/ml
Spiked Amount 50.000		Recovery =	89.66%
Target Compounds			
1) T n-Nonane (C9)	3.055	7878191	51.489 ug/ml
2) T n-Decane (C10)	4.298	8029277	52.078 ug/ml
3) T A~Naphthalene (C11.7)	6.001	8167394	56.690 ug/ml
4) T n-Dodecane (C12)	6.457	8406957	53.164 ug/ml
5) T A~2-methylnaphthalene...	7.091	7776602	55.701 ug/ml
6) T n-Tetradecane (C14)	9.875	8179484	51.621 ug/ml
7) T n-Hexadecane (C16)	9.875	8179484	51.621 ug/ml
8) T n-Octadecane (C18)	11.309	8105234	50.898 ug/ml
10) T n-Eicosane (C20)	12.612	7729109	48.850 ug/ml
11) T n-Heneicosane (C21)	13.220	7598134	48.184 ug/ml
13) T n-Docosane (C22)	13.802	7465263	47.956 ug/ml
14) T n-Tetracosane (C24)	14.899	14727351	97.919 ug/ml
15) T n-Hexacosane (C26)	15.915	7173397	49.539 ug/ml
16) T n-Octacosane (C28)	16.859	7632126	55.090 ug/ml
17) T n-Tricontane (C30)	17.745	7080287	52.049 ug/ml
18) T n-Dotriacontane (C32)	18.570	7106600	53.220 ug/ml
19) T n-Tetratriacontane (C34)	19.349	6621524	52.333 ug/ml
20) T n-Hexatriacontane (C36)	20.085	5799031	45.089 ug/mlm
21) T n-Octatriacontane (C38)	20.780	5243980	42.134 ug/mlm
22) T n-Tetracontane (C40)	21.557	4963750	38.504 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Sample : PB147635BS
Misc :
ALS Vial : 27 Sample Multiplier: 1

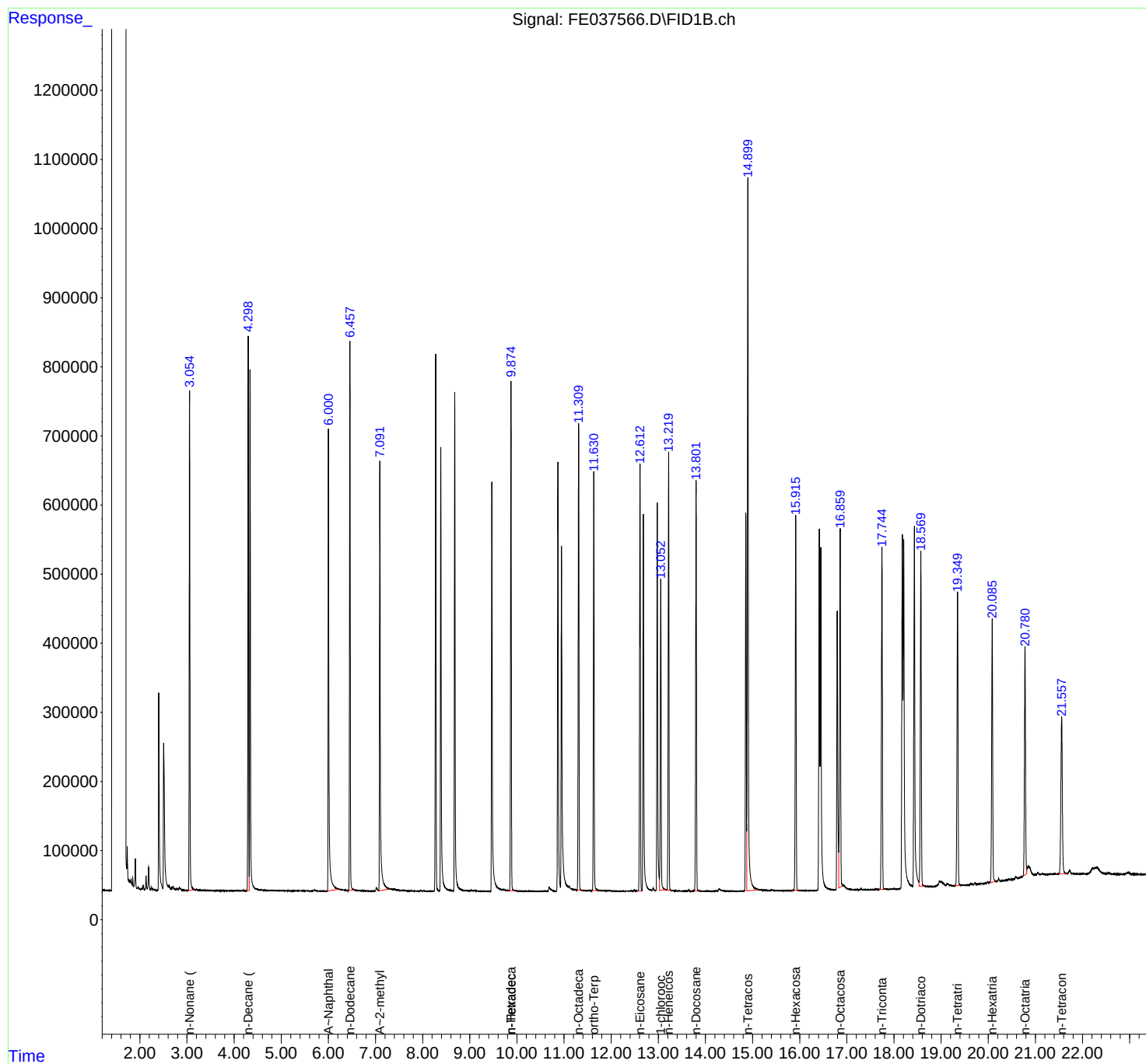
Instrument :
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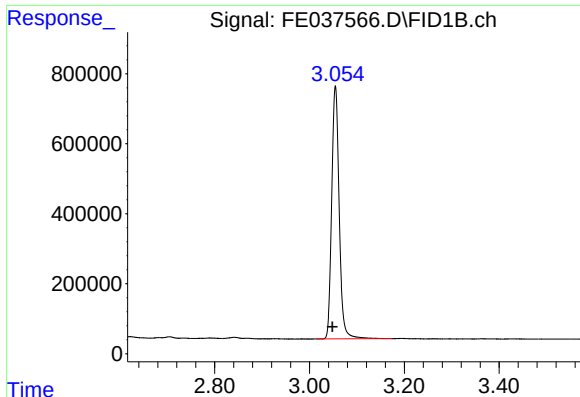
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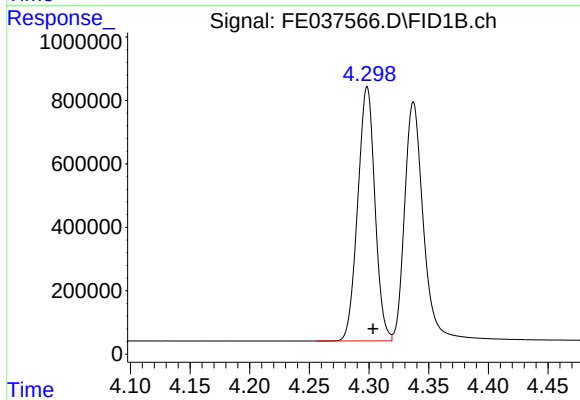
#1 n-Nonane (C9)

R.T.: 3.055 min
Delta R.T.: 0.007 min
Response: 7878191
Conc: 51.49 ug/ml

Instrument :
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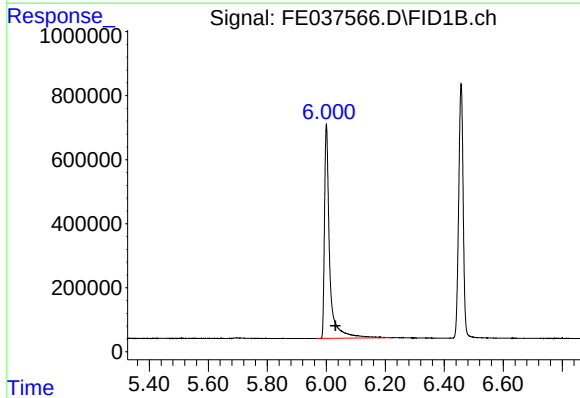
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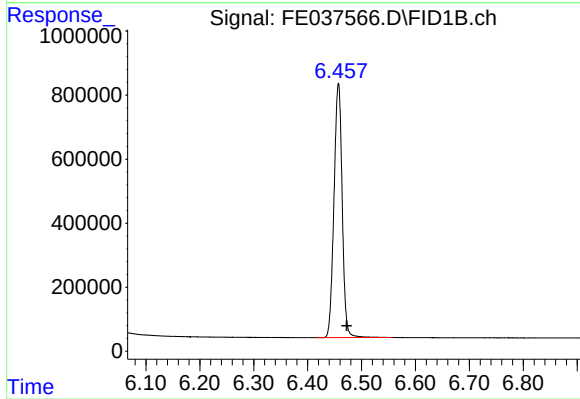
#2 n-Decane (C10)

R.T.: 4.298 min
Delta R.T.: -0.005 min
Response: 8029277
Conc: 52.08 ug/ml



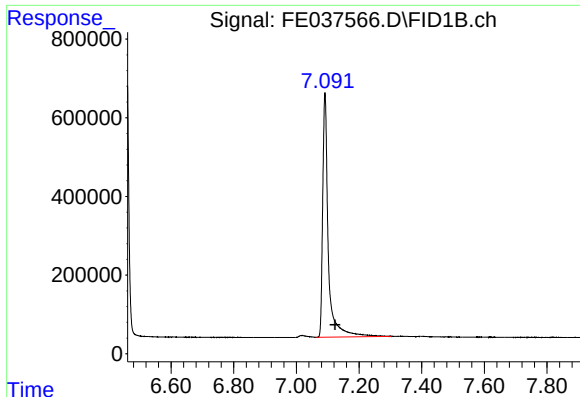
#3 A~Naphthalene (C11.7)

R.T.: 6.001 min
Delta R.T.: -0.030 min
Response: 8167394
Conc: 56.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.457 min
Delta R.T.: -0.015 min
Response: 8406957
Conc: 53.16 ug/ml



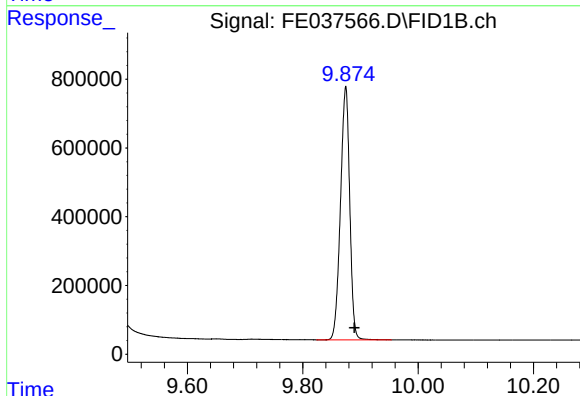
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.091 min
Delta R.T.: -0.032 min
Response: 7776602
Conc: 55.70 ug/ml

Instrument :
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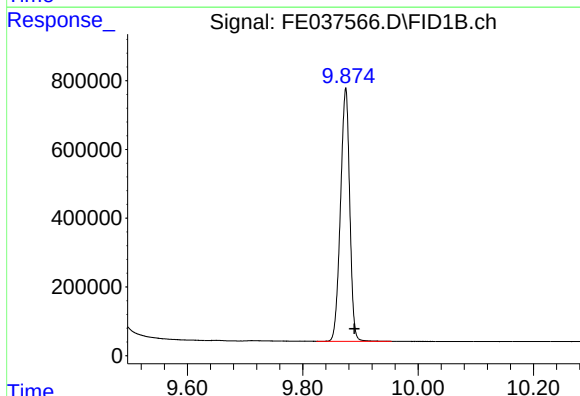
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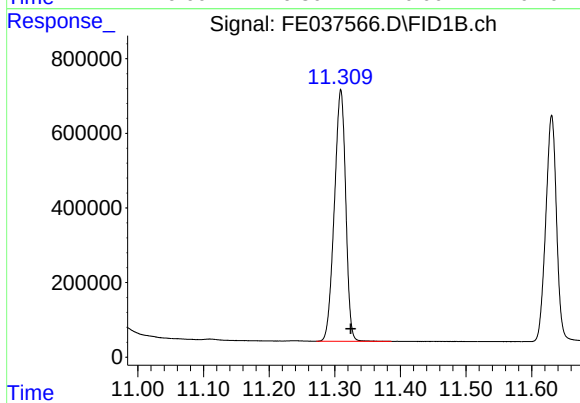
#6 n-Tetradecane (C14)

R.T.: 9.875 min
Delta R.T.: -0.015 min
Response: 8179484
Conc: 51.62 ug/ml



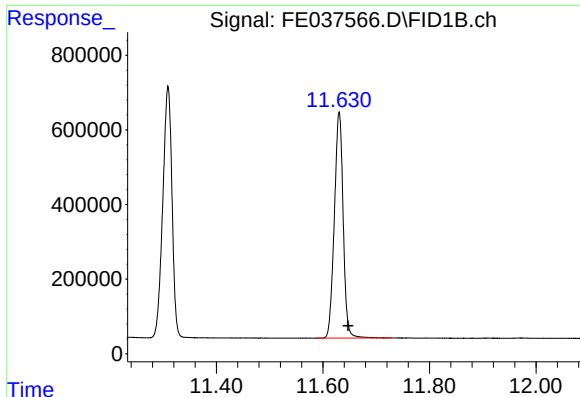
#7 n-Hexadecane (C16)

R.T.: 9.875 min
Delta R.T.: -0.015 min
Response: 8179484
Conc: 51.62 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.309 min
Delta R.T.: -0.015 min
Response: 8105234
Conc: 50.90 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.631 min
Delta R.T.: -0.016 min
Response: 6969666
Conc: 41.24 ug/ml

Instrument :

FID_E

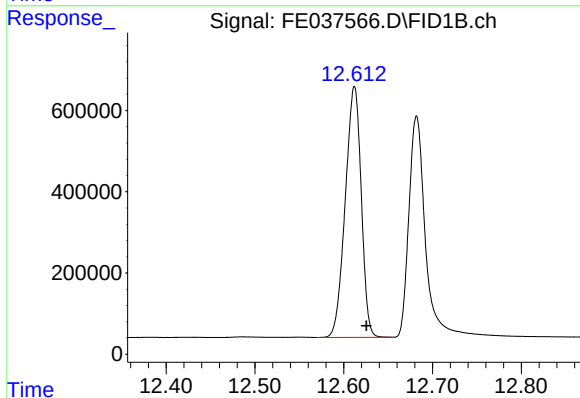
ClientSampleId :

PB147635BS

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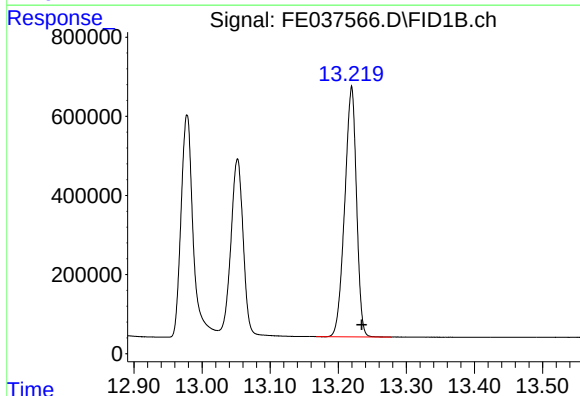
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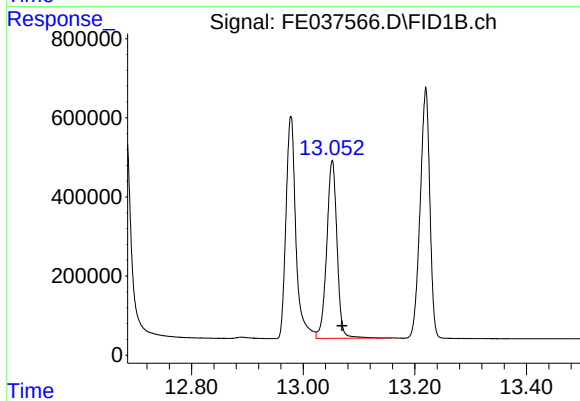
#10 n-Eicosane (C20)

R.T.: 12.612 min
Delta R.T.: -0.013 min
Response: 7729109
Conc: 48.85 ug/ml



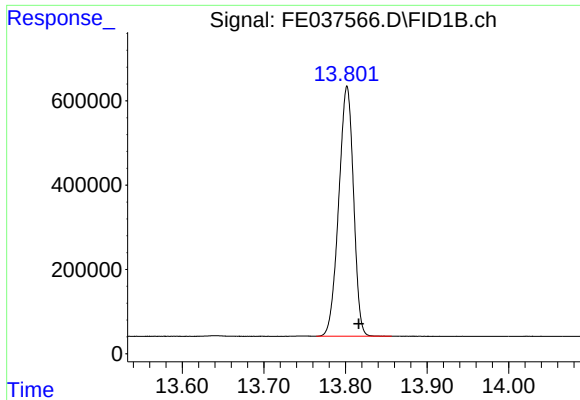
#11 n-Heneicosane (C21)

R.T.: 13.220 min
Delta R.T.: -0.015 min
Response: 7598134
Conc: 48.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.052 min
Delta R.T.: -0.018 min
Response: 5769714
Conc: 44.83 ug/ml



#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.014 min
Response: 7465263
Conc: 47.96 ug/ml

Instrument :

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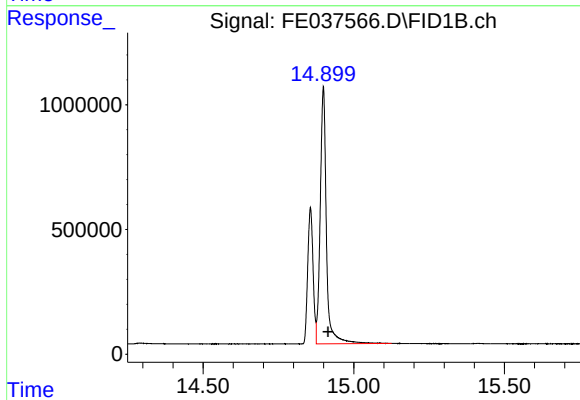
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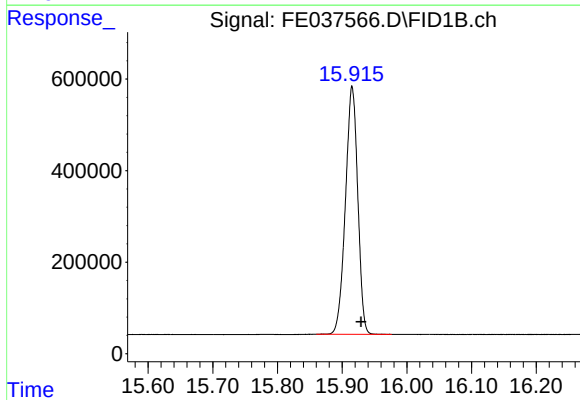
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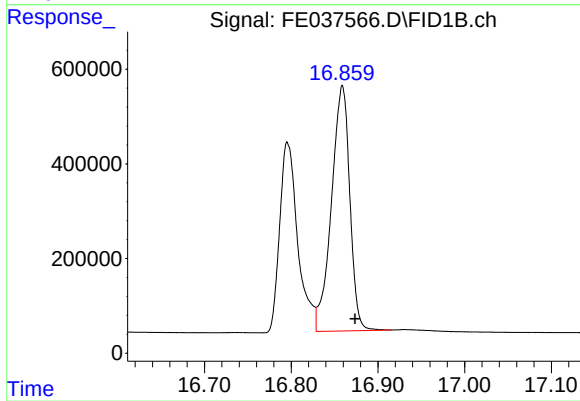
#14 n-Tetracosane (C24)

R.T.: 14.899 min
Delta R.T.: -0.015 min
Response: 14727351
Conc: 97.92 ug/ml



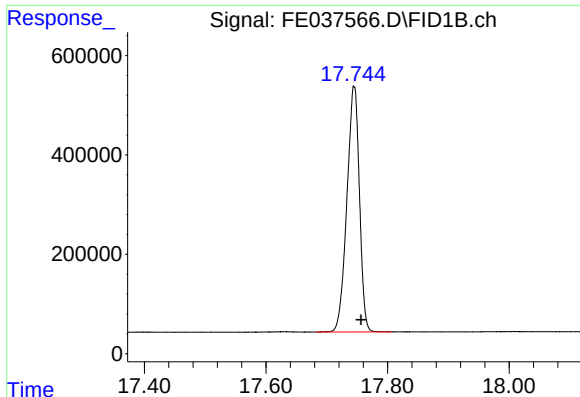
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.014 min
Response: 7173397
Conc: 49.54 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.014 min
Response: 7632126
Conc: 55.09 ug/ml



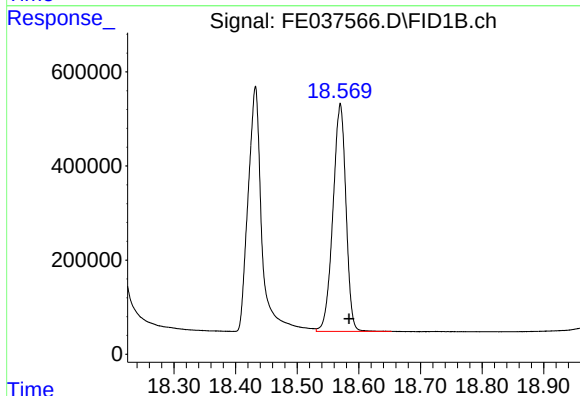
#17 n-Tricontane (C30)

R.T.: 17.745 min
Delta R.T.: -0.012 min
Response: 7080287
Conc: 52.05 ug/ml

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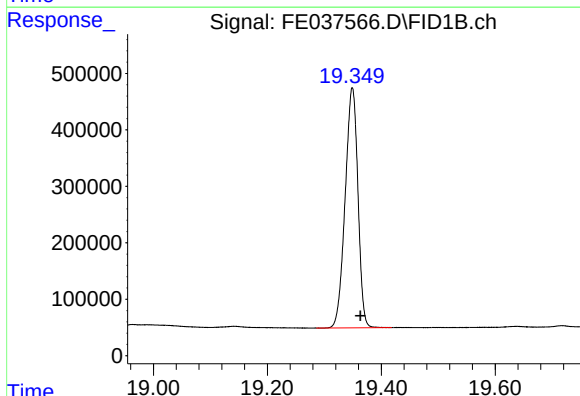
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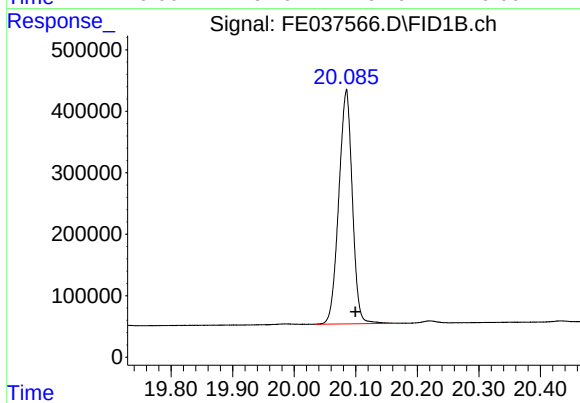
#18 n-Dotriacontane (C32)

R.T.: 18.570 min
Delta R.T.: -0.014 min
Response: 7106600
Conc: 53.22 ug/ml



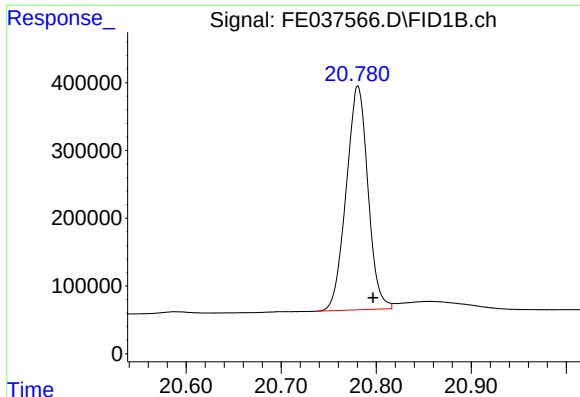
#19 n-Tetratriacontane (C34)

R.T.: 19.349 min
Delta R.T.: -0.014 min
Response: 6621524
Conc: 52.33 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.085 min
Delta R.T.: -0.014 min
Response: 5799031
Conc: 45.09 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 20.780 min
Delta R.T.: -0.016 min
Response: 5243980
Conc: 42.13 ug/ml

Instrument :

FID_E

ClientSampleId :

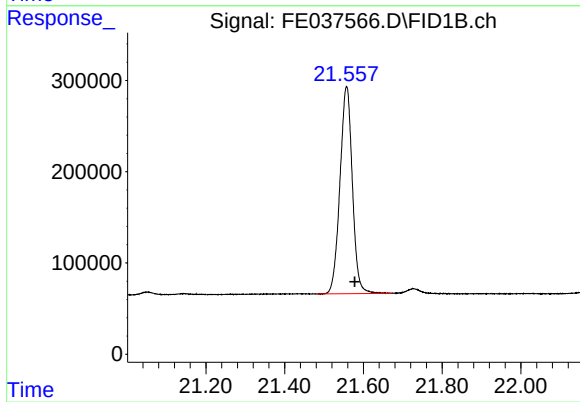
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#22 n-Tetracontane (C40)

R.T.: 21.557 min
Delta R.T.: -0.021 min
Response: 4963750
Conc: 38.50 ug/ml