

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037261.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 17:52
 Operator : YP\AJ
 Sample : N4352-02MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 11985MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/26/2022
 Supervised By :Ankita Jodhani 08/26/2022

Integration File: autoint1.e
 Quant Time: Aug 26 04:10:50 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082322.M
 Quant Title : GC Extractables
 QLast Update : Thu Aug 25 01:38:38 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)	11.664	6250009	36.164 ug/ml
Spiked Amount 50.000		Recovery =	72.33%
12) S 1-chlorooctadecane (S...	13.085	4878266	35.704 ug/ml
Spiked Amount 50.000		Recovery =	71.41%
Target Compounds			
1) T n-Nonane (C9)	3.057	4250047	28.528 ug/ml
2) T n-Decane (C10)	4.356	4750912	31.717 ug/ml
3) T A~Naphthalene (C11.7)	6.028	5100546	35.233 ug/ml
4) T n-Dodecane (C12)	6.483	5308709	34.340 ug/ml
5) T A~2-methylnaphthalene...	7.122	5249759	37.948 ug/ml
6) T n-Tetradecane (C14)	9.903	6217760	39.532 ug/ml
7) T n-Hexadecane (C16)	9.903	6217760	39.532 ug/ml
8) T n-Octadecane (C18)	11.340	6617382	41.061 ug/ml
10) T n-Eicosane (C20)	12.643	6562034	39.854 ug/ml
11) T n-Heneicosane (C21)	13.251	6438865	38.927 ug/ml
13) T n-Docosane (C22)	13.836	6373893	38.369 ug/ml
14) T n-Tetracosane (C24)	14.932	11942360	72.343 ug/ml
15) T n-Hexacosane (C26)	15.949	5962142	36.567 ug/ml
16) T n-Octacosane (C28)	16.892	6082480	38.307 ug/ml
17) T n-Tricontane (C30)	17.777	5582054	35.940 ug/ml
18) T n-Dotriacontane (C32)	18.603	5663459	37.968 ug/ml
19) T n-Tetratriacontane (C34)	19.383	5546287	41.278 ug/mlm
20) T n-Hexatriacontane (C36)	20.119	5285821	41.173 ug/ml
21) T n-Octatriacontane (C38)	20.817	5345822	44.531 ug/ml
22) T n-Tetracontane (C40)	21.607	5400191	44.712 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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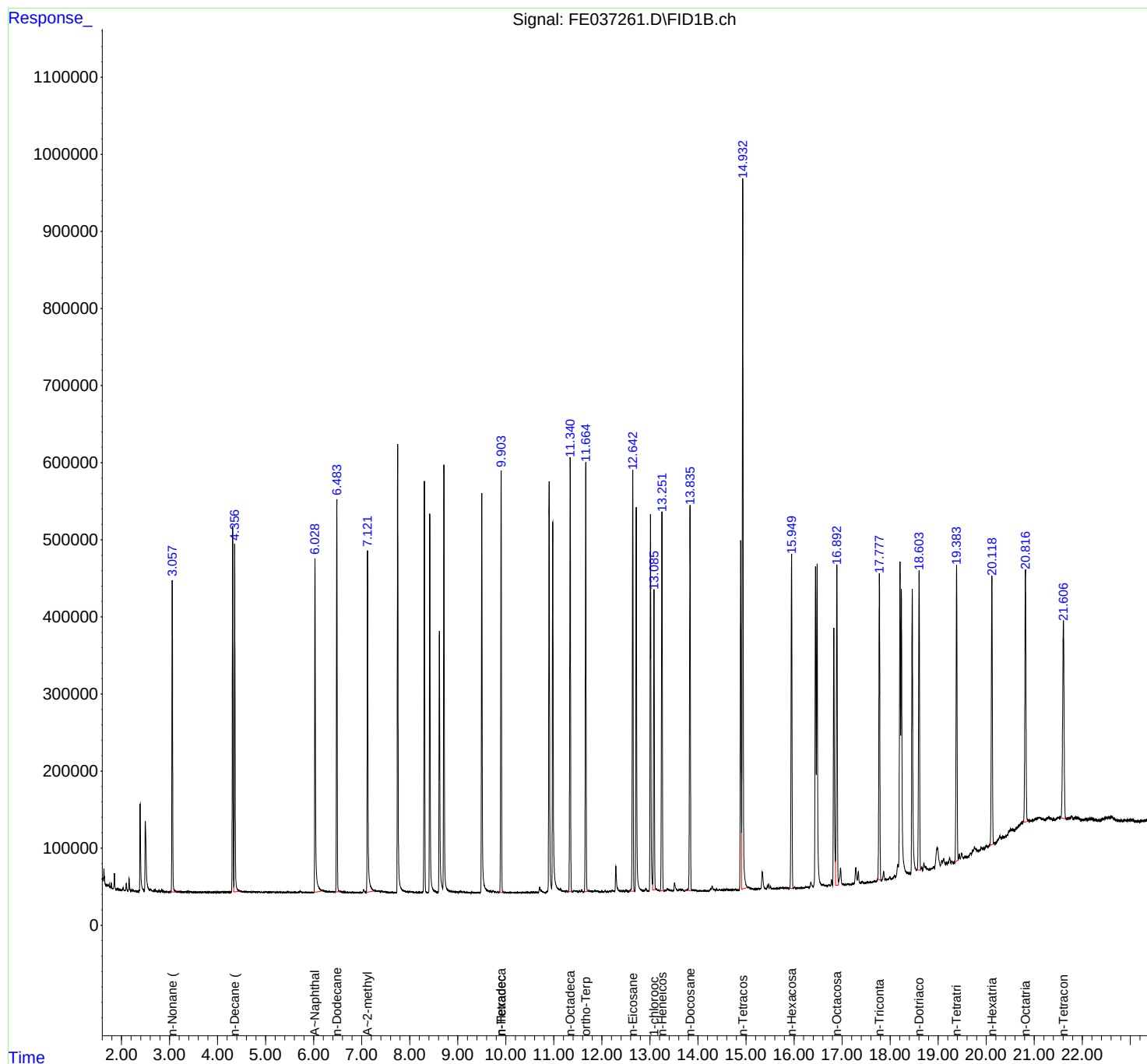
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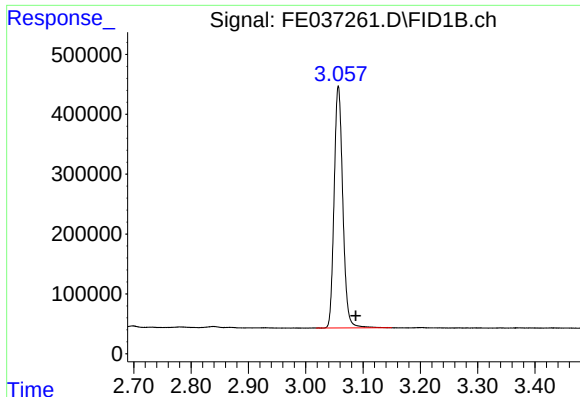
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#1 n-Nonane (C9)

R.T.: 3.057 min
Delta R.T.: -0.030 min
Response: 4250047
Conc: 28.53 ug/ml

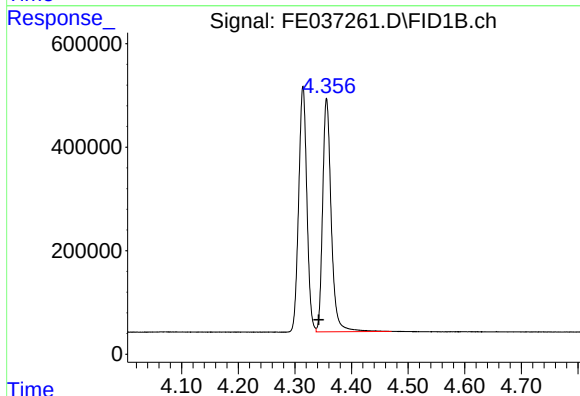
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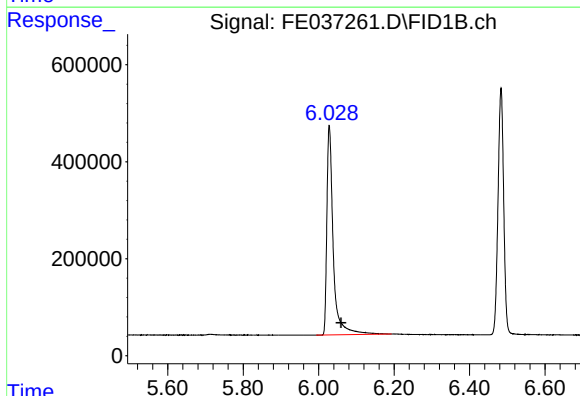
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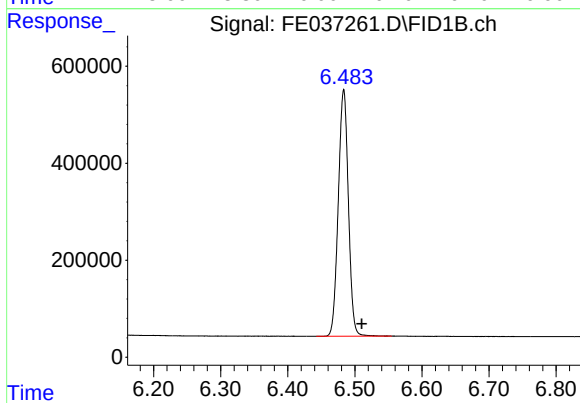
#2 n-Decane (C10)

R.T.: 4.356 min
Delta R.T.: 0.014 min
Response: 4750912
Conc: 31.72 ug/ml



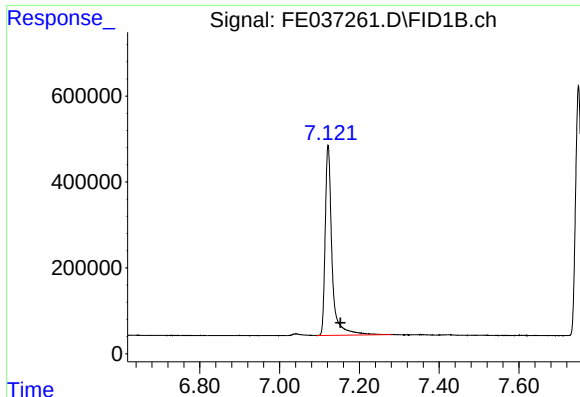
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.031 min
Response: 5100546
Conc: 35.23 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.483 min
Delta R.T.: -0.027 min
Response: 5308709
Conc: 34.34 ug/ml



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

R.T.: 7.122 min
Delta R.T.: -0.030 min
Response: 5249759
Conc: 37.95 ug/ml

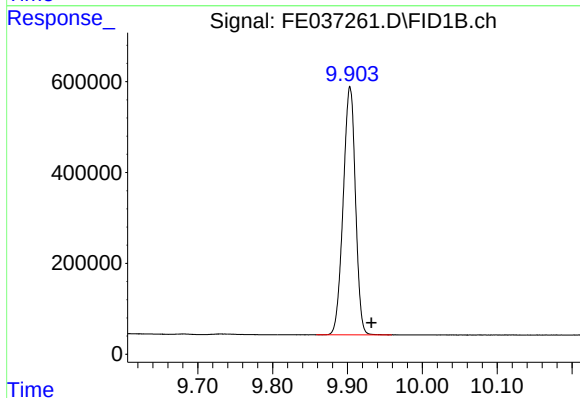
Instrument :

FID_E

ClientSampleId :
11985MS

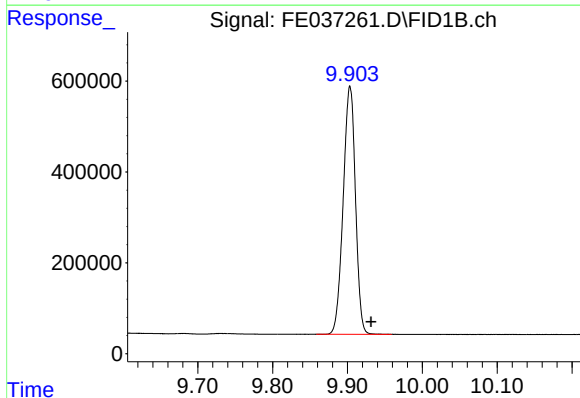
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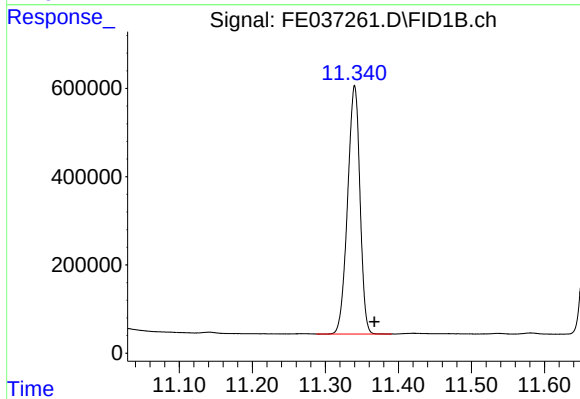
#6 n-Tetradecane (C14)

R.T.: 9.903 min
Delta R.T.: -0.029 min
Response: 6217760
Conc: 39.53 ug/ml



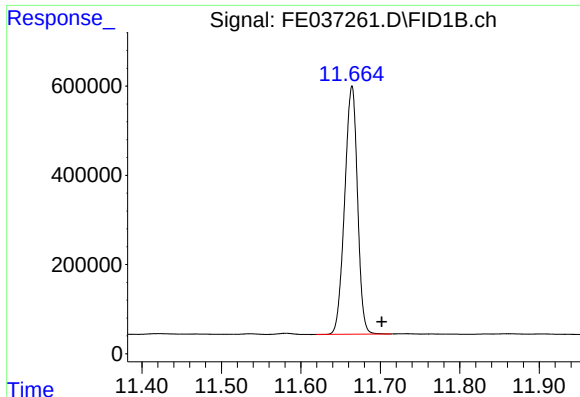
#7 n-Hexadecane (C16)

R.T.: 9.903 min
Delta R.T.: -0.028 min
Response: 6217760
Conc: 39.53 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: -0.027 min
Response: 6617382
Conc: 41.06 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.664 min
Delta R.T.: -0.038 min
Response: 6250009
Conc: 36.16 ug/ml

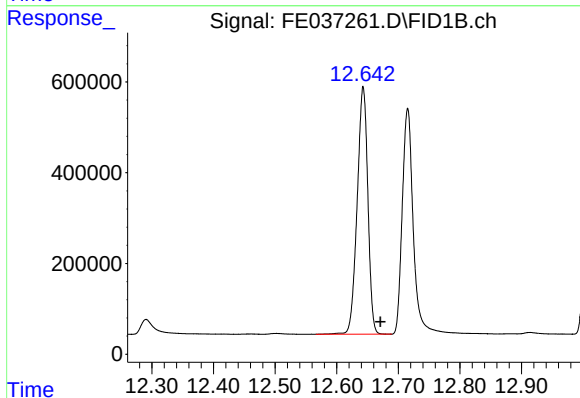
Instrument :

FID_E

ClientSampleId :
11985MS

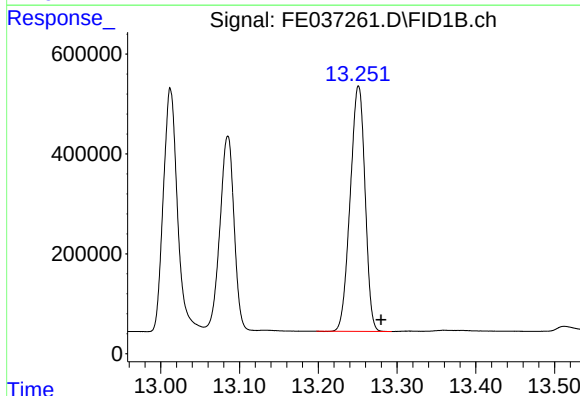
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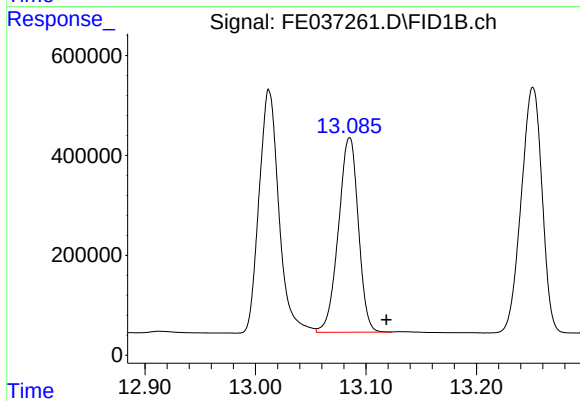
#10 n-Eicosane (C20)

R.T.: 12.643 min
Delta R.T.: -0.028 min
Response: 6562034
Conc: 39.85 ug/ml



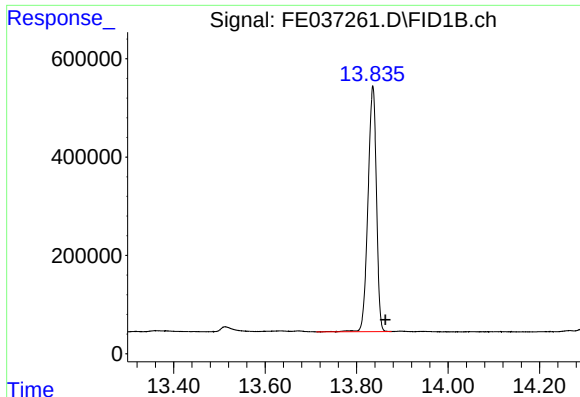
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.029 min
Response: 6438865
Conc: 38.93 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.085 min
Delta R.T.: -0.033 min
Response: 4878266
Conc: 35.70 ug/ml



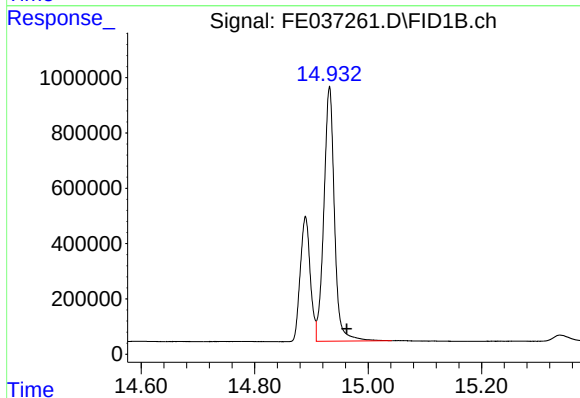
#13 n-Docosane (C22)

R.T.: 13.836 min
Delta R.T.: -0.027 min
Response: 6373893
Conc: 38.37 ug/ml

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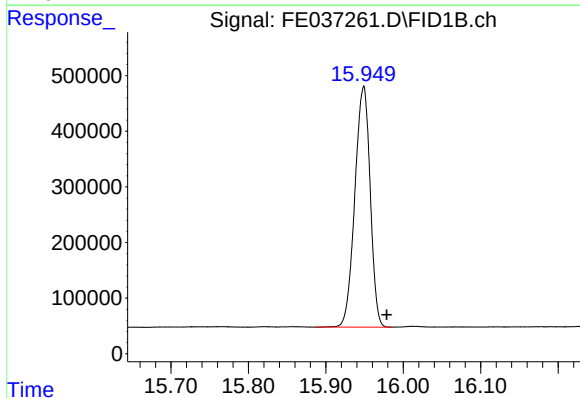
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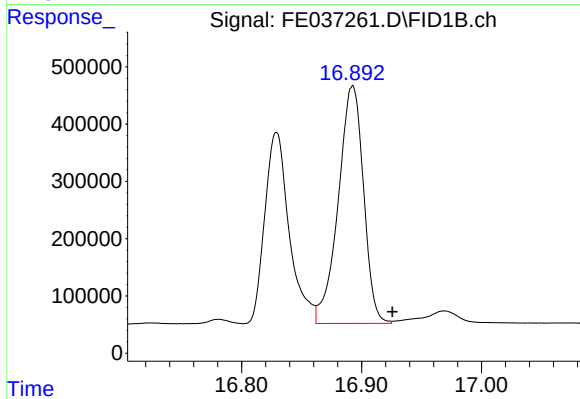
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.030 min
Response: 11942360
Conc: 72.34 ug/ml



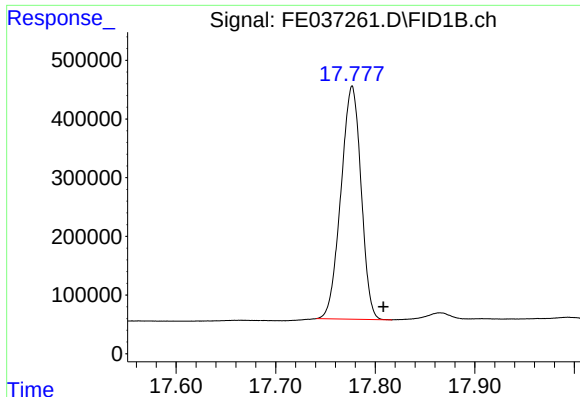
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.030 min
Response: 5962142
Conc: 36.57 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.892 min
Delta R.T.: -0.033 min
Response: 6082480
Conc: 38.31 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.777 min
Delta R.T.: -0.031 min
Response: 5582054
Conc: 35.94 ug/ml

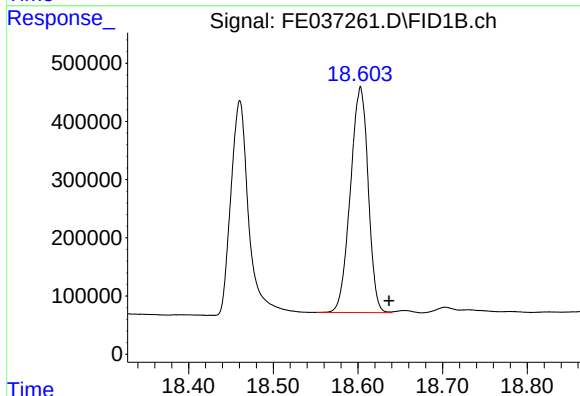
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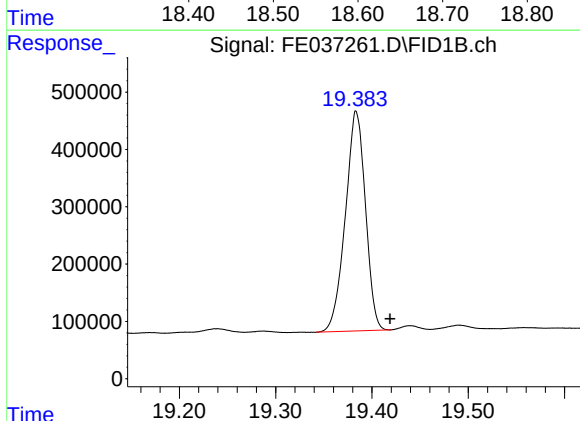
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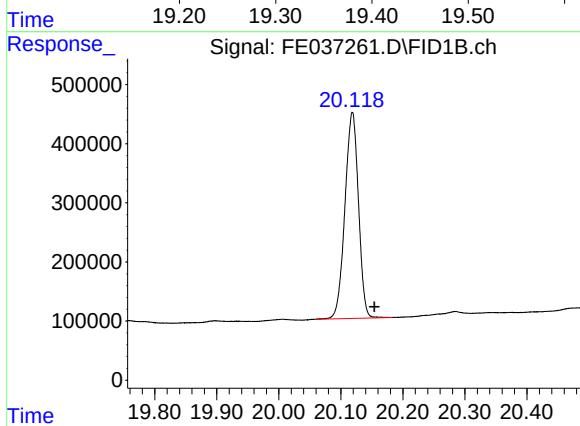
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.034 min
Response: 5663459
Conc: 37.97 ug/ml



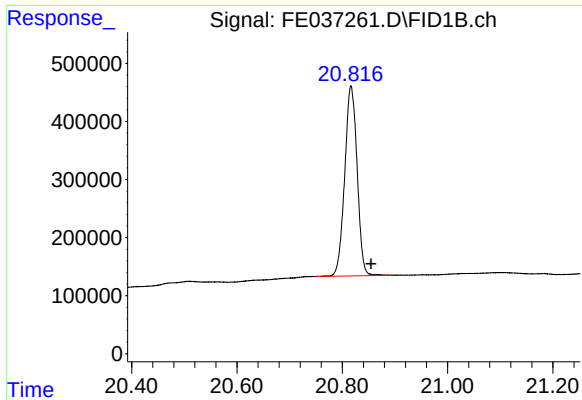
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.036 min
Response: 5546287
Conc: 41.28 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.119 min
Delta R.T.: -0.036 min
Response: 5285821
Conc: 41.17 ug/ml



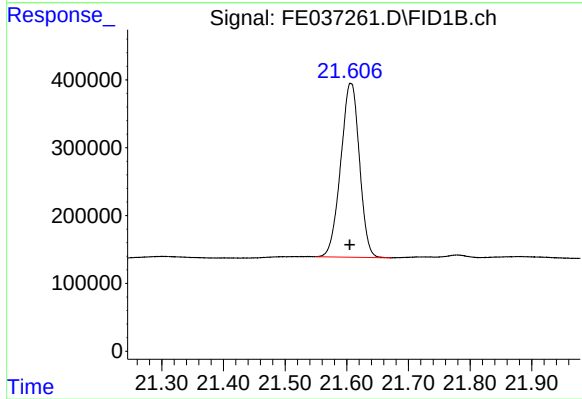
#21 n-Octatriacontane (C38)

R.T.: 20.817 min
Delta R.T.: -0.038 min
Response: 5345822
Conc: 44.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.607 min
Delta R.T.: 0.002 min
Response: 5400191
Conc: 44.71 ug/ml