

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037258.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 16:18
 Operator : YP\AJ
 Sample : PB147285BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB147285BSD

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 04:10:28 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)	11.666	7099635	41.081 ug/ml
Spiked Amount 50.000		Recovery =	82.16%
12) S 1-chlorooctadecane (S...	13.087	5733117	41.961 ug/ml
Spiked Amount 50.000		Recovery =	83.92%
Target Compounds			
1) T n-Nonane (C9)	3.065	4771864	32.031 ug/ml
2) T n-Decane (C10)	4.360	5105219	34.082 ug/ml
3) T A~Naphthalene (C11.7)	6.030	5426139	37.482 ug/ml
4) T n-Dodecane (C12)	6.484	5751729	37.206 ug/ml
5) T A~2-methylnaphthalene...	7.122	5700556	41.207 ug/ml
6) T n-Tetradecane (C14)	9.905	6729875	42.788 ug/ml
7) T n-Hexadecane (C16)	9.905	6729875	42.788 ug/ml
8) T n-Octadecane (C18)	11.341	6868189	42.617 ug/ml
10) T n-Eicosane (C20)	12.644	6665003	40.479 ug/ml
11) T n-Heneicosane (C21)	13.252	6577798	39.767 ug/ml
13) T n-Docosane (C22)	13.835	6448810	38.820 ug/ml
14) T n-Tetracosane (C24)	14.932	12045846	72.970 ug/ml
15) T n-Hexacosane (C26)	15.949	5975741	36.651 ug/ml
16) T n-Octacosane (C28)	16.893	6019373	37.910 ug/ml
17) T n-Tricontane (C30)	17.778	5595518	36.027 ug/ml
18) T n-Dotriacontane (C32)	18.604	5551191	37.216 ug/ml
19) T n-Tetratriacontane (C34)	19.383	5630012	41.901 ug/mlm
20) T n-Hexatriacontane (C36)	20.120	5474228	42.641 ug/ml
21) T n-Octatriacontane (C38)	20.819	5431444	45.244 ug/ml
22) T n-Tetracontane (C40)	21.609	5695784	47.159 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB147285BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

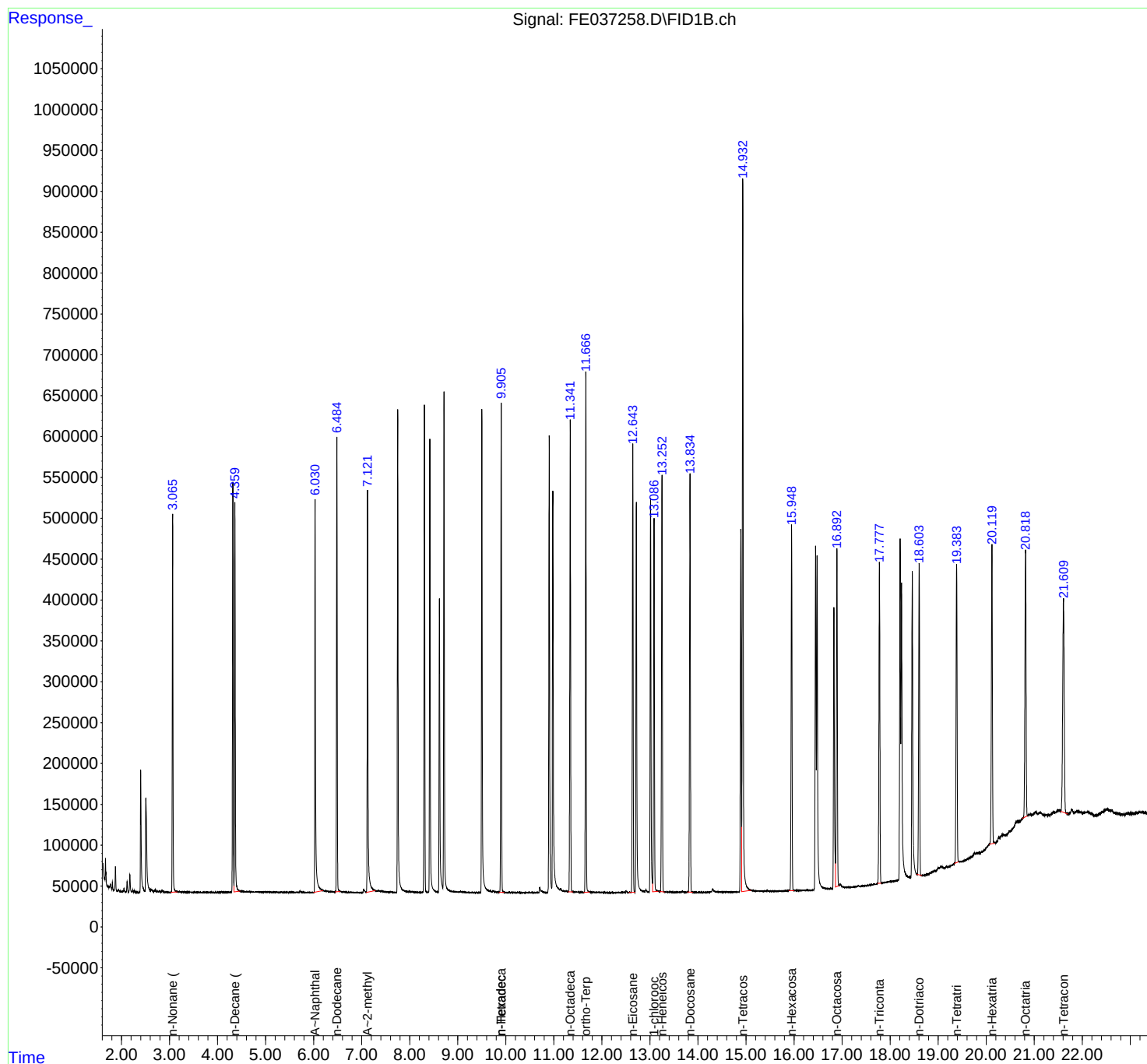
Instrument :
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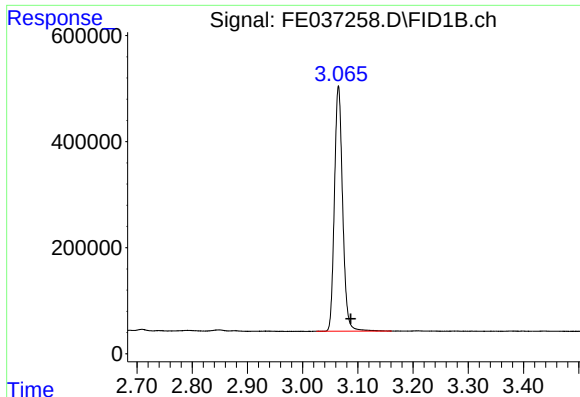
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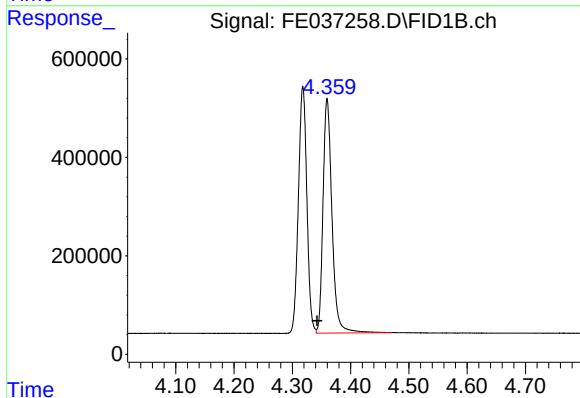
#1 n-Nonane (C9)

R.T.: 3.065 min
Delta R.T.: -0.022 min
Response: 4771864
Conc: 32.03 ug/ml

Instrument :
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ClientSampleId :
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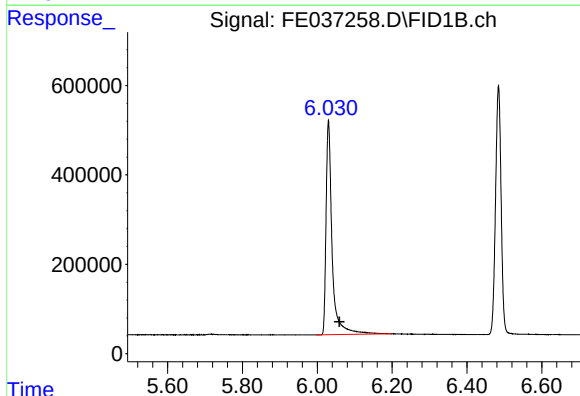
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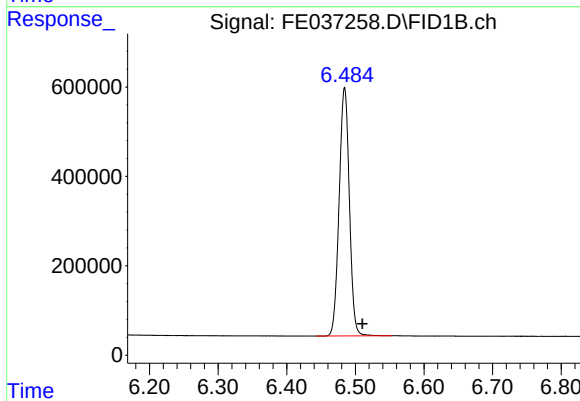
#2 n-Decane (C10)

R.T.: 4.360 min
Delta R.T.: 0.018 min
Response: 5105219
Conc: 34.08 ug/ml



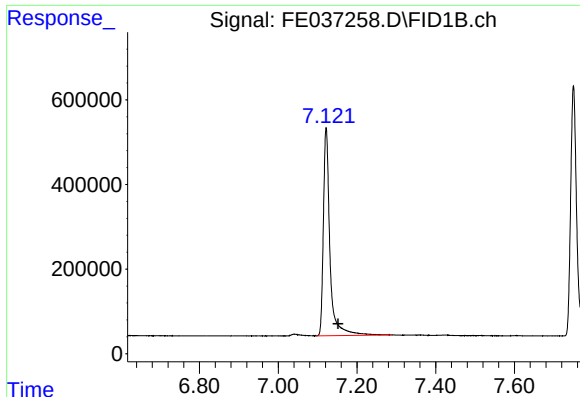
#3 A~Naphthalene (C11.7)

R.T.: 6.030 min
Delta R.T.: -0.029 min
Response: 5426139
Conc: 37.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.026 min
Response: 5751729
Conc: 37.21 ug/ml



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

R.T.: 7.122 min
Delta R.T.: -0.030 min
Response: 5700556
Conc: 41.21 ug/ml

Instrument :

FID_E

ClientSampleId :

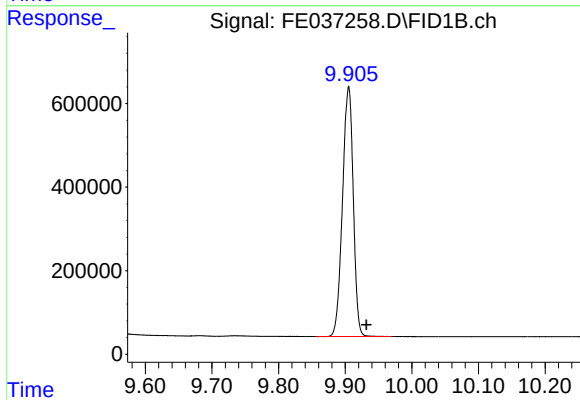
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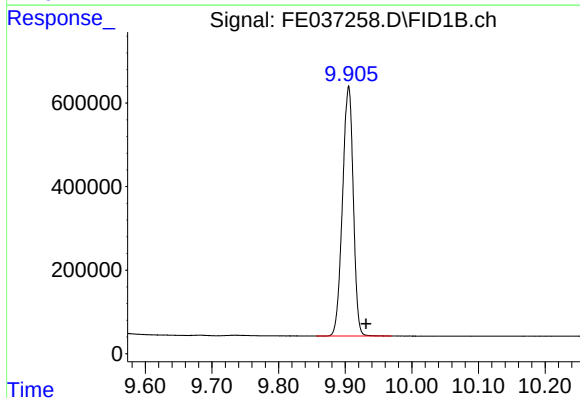
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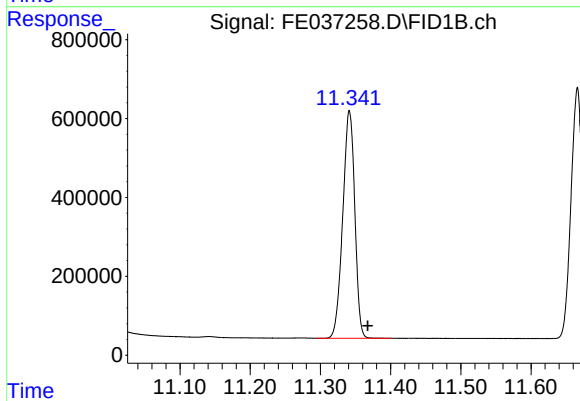
#6 n-Tetradecane (C14)

R.T.: 9.905 min
Delta R.T.: -0.027 min
Response: 6729875
Conc: 42.79 ug/ml



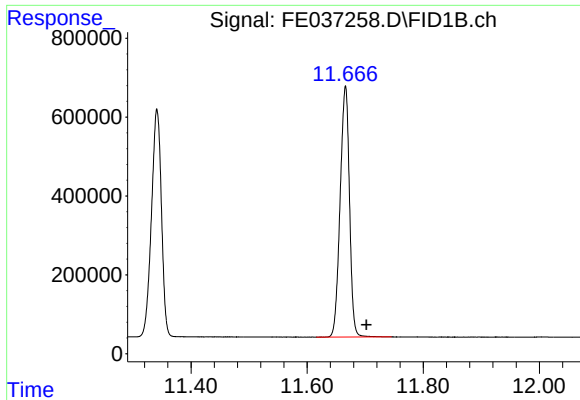
#7 n-Hexadecane (C16)

R.T.: 9.905 min
Delta R.T.: -0.026 min
Response: 6729875
Conc: 42.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.341 min
Delta R.T.: -0.026 min
Response: 6868189
Conc: 42.62 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.666 min
Delta R.T.: -0.036 min
Response: 7099635
Conc: 41.08 ug/ml

Instrument :

FID_E

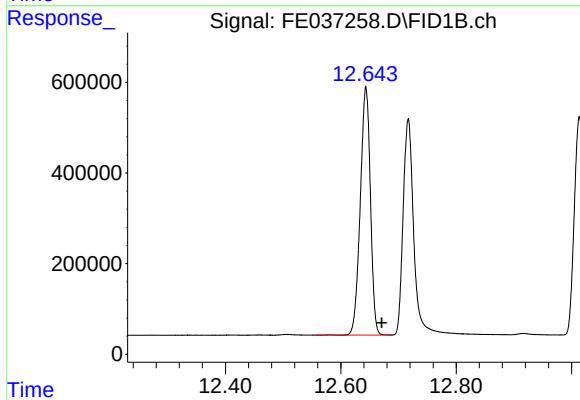
ClientSampleId :

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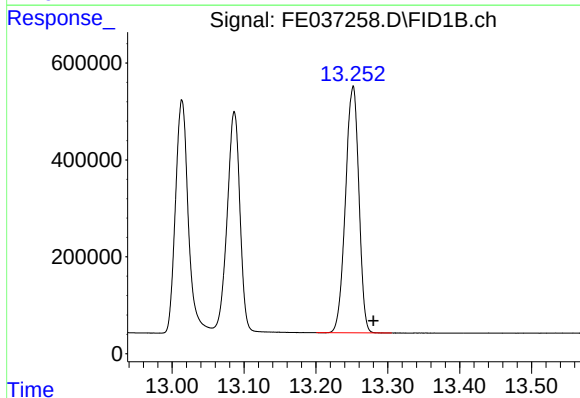
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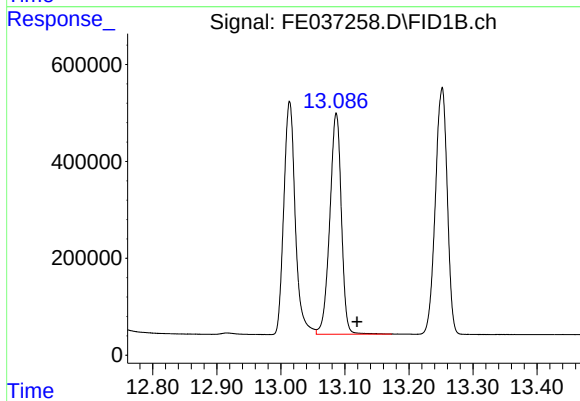
#10 n-Eicosane (C20)

R.T.: 12.644 min
Delta R.T.: -0.027 min
Response: 6665003
Conc: 40.48 ug/ml



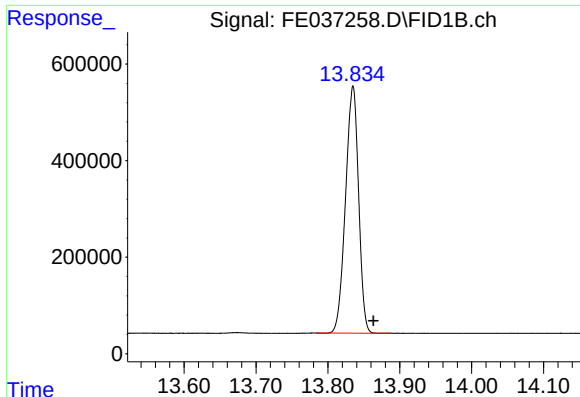
#11 n-Heneicosane (C21)

R.T.: 13.252 min
Delta R.T.: -0.028 min
Response: 6577798
Conc: 39.77 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.087 min
Delta R.T.: -0.032 min
Response: 5733117
Conc: 41.96 ug/ml



#13 n-Docosane (C22)

R.T.: 13.835 min
Delta R.T.: -0.028 min
Response: 6448810
Conc: 38.82 ug/ml

Instrument :

FID_E

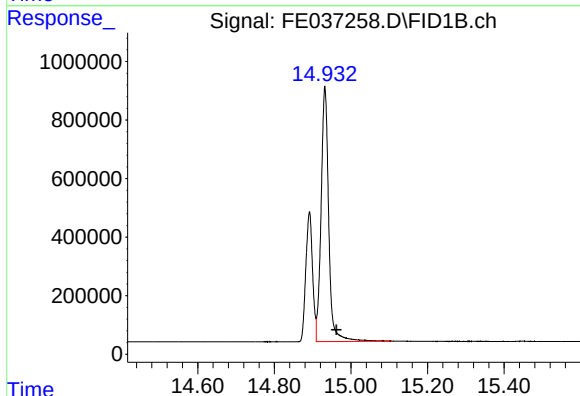
ClientSampleId :

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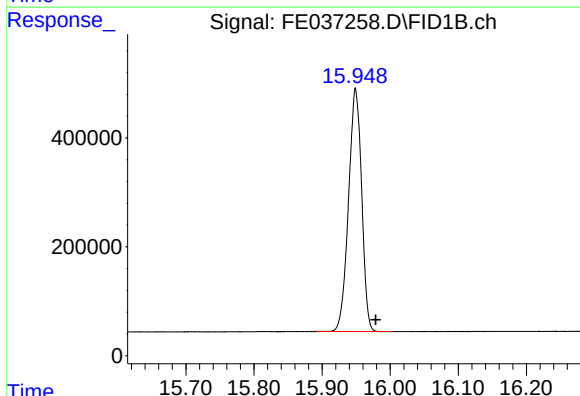
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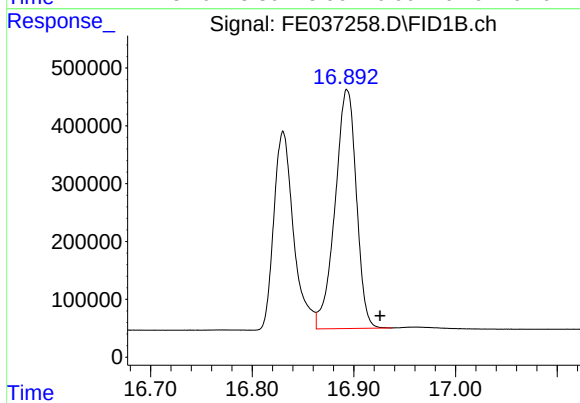
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.030 min
Response: 12045846
Conc: 72.97 ug/ml



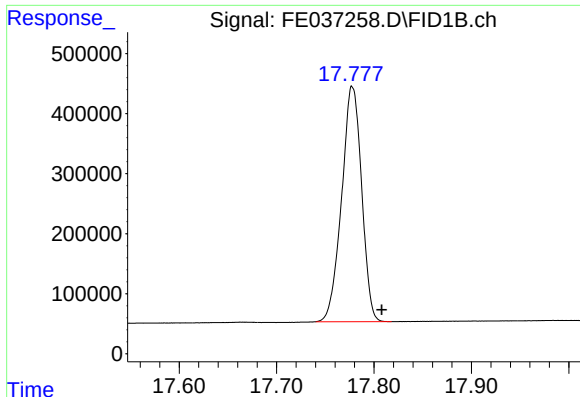
#15 n-Hexacosane (C26)

R.T.: 15.949 min
Delta R.T.: -0.030 min
Response: 5975741
Conc: 36.65 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: -0.032 min
Response: 6019373
Conc: 37.91 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.778 min
Delta R.T.: -0.030 min
Response: 5595518
Conc: 36.03 ug/ml

Instrument :

FID_E

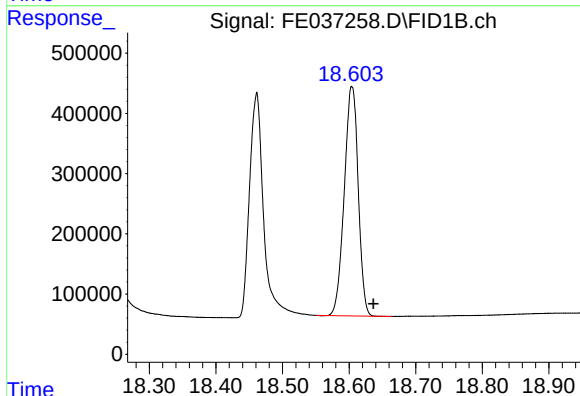
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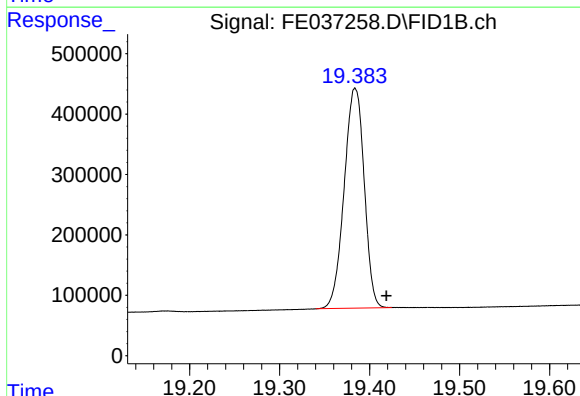
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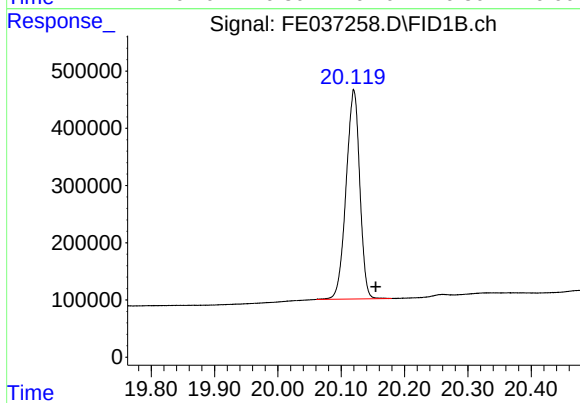
#18 n-Dotriacontane (C32)

R.T.: 18.604 min
Delta R.T.: -0.032 min
Response: 5551191
Conc: 37.22 ug/ml



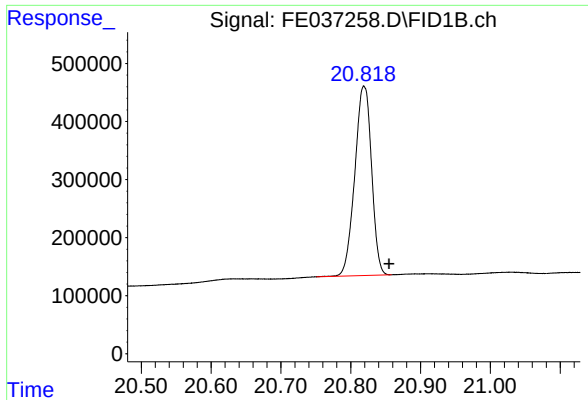
#19 n-Tetratriacontane (C34)

R.T.: 19.383 min
Delta R.T.: -0.035 min
Response: 5630012
Conc: 41.90 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.120 min
Delta R.T.: -0.034 min
Response: 5474228
Conc: 42.64 ug/ml



#21 n-Octatriacontane (C38)

R.T.: 20.819 min
Delta R.T.: -0.036 min
Response: 5431444
Conc: 45.24 ug/ml

Instrument :

FID_E

ClientSampleId :

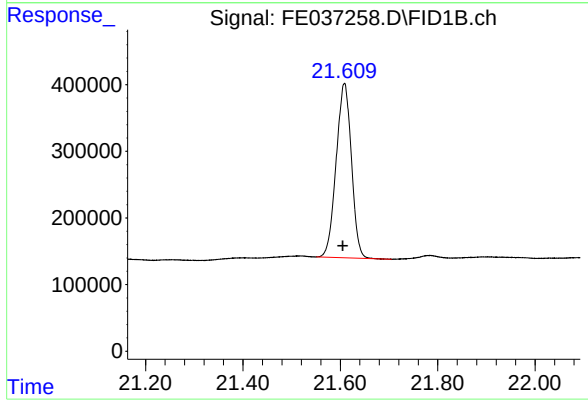
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#22 n-Tetracontane (C40)

R.T.: 21.609 min
Delta R.T.: 0.004 min
Response: 5695784
Conc: 47.16 ug/ml