

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037245.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 03:46
 Operator : YP\AJ
 Sample : N4328-07MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

5MSD

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/25/2022

Supervised By :Ankita Jodhani 08/25/2022

Integration File: autoint1.e

Quant Time: Aug 25 05:18:55 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)	11.669	5871271	33.973 ug/ml
Spiked Amount 50.000		Recovery =	67.95%
12) S 1-chlorooctadecane (S...	13.089	4710910	34.479 ug/ml
Spiked Amount 50.000		Recovery =	68.96%
Target Compounds			
1) T n-Nonane (C9)	3.076	5950533	39.943 ug/ml
2) T n-Decane (C10)	4.326	6242179	41.672 ug/ml
3) T A~Naphthalene (C11.7)	6.036	6473273	44.716 ug/ml
4) T n-Dodecane (C12)	6.490	6658543	43.072 ug/ml
5) T A~2-methylnaphthalene...	7.128	6293675	45.494 ug/ml
6) T n-Tetradecane (C14)	9.908	6892297	43.820 ug/ml
7) T n-Hexadecane (C16)	9.908	6892297	43.820 ug/ml
8) T n-Octadecane (C18)	11.344	7015406	43.530 ug/ml
10) T n-Eicosane (C20)	12.647	6829869	41.480 ug/ml
11) T n-Heneicosane (C21)	13.256	6732697	40.703 ug/ml
13) T n-Docosane (C22)	13.840	6661107	40.098 ug/ml
14) T n-Tetracosane (C24)	14.937	12950623	78.451 ug/ml
15) T n-Hexacosane (C26)	15.954	6374530	39.097 ug/ml
16) T n-Octacosane (C28)	16.895	6765915	42.611 ug/mlm
17) T n-Tricontane (C30)	17.783	6061038	39.024 ug/ml
18) T n-Dotriacontane (C32)	18.609	6016518	40.335 ug/ml
19) T n-Tetratriacontane (C34)	19.388	6000159	44.656 ug/ml
20) T n-Hexatriacontane (C36)	20.124	5694334	44.355 ug/mlm
21) T n-Octatriacontane (C38)	20.823	5815997	48.447 ug/ml
22) T n-Tetracontane (C40)	21.613	6133996	50.787 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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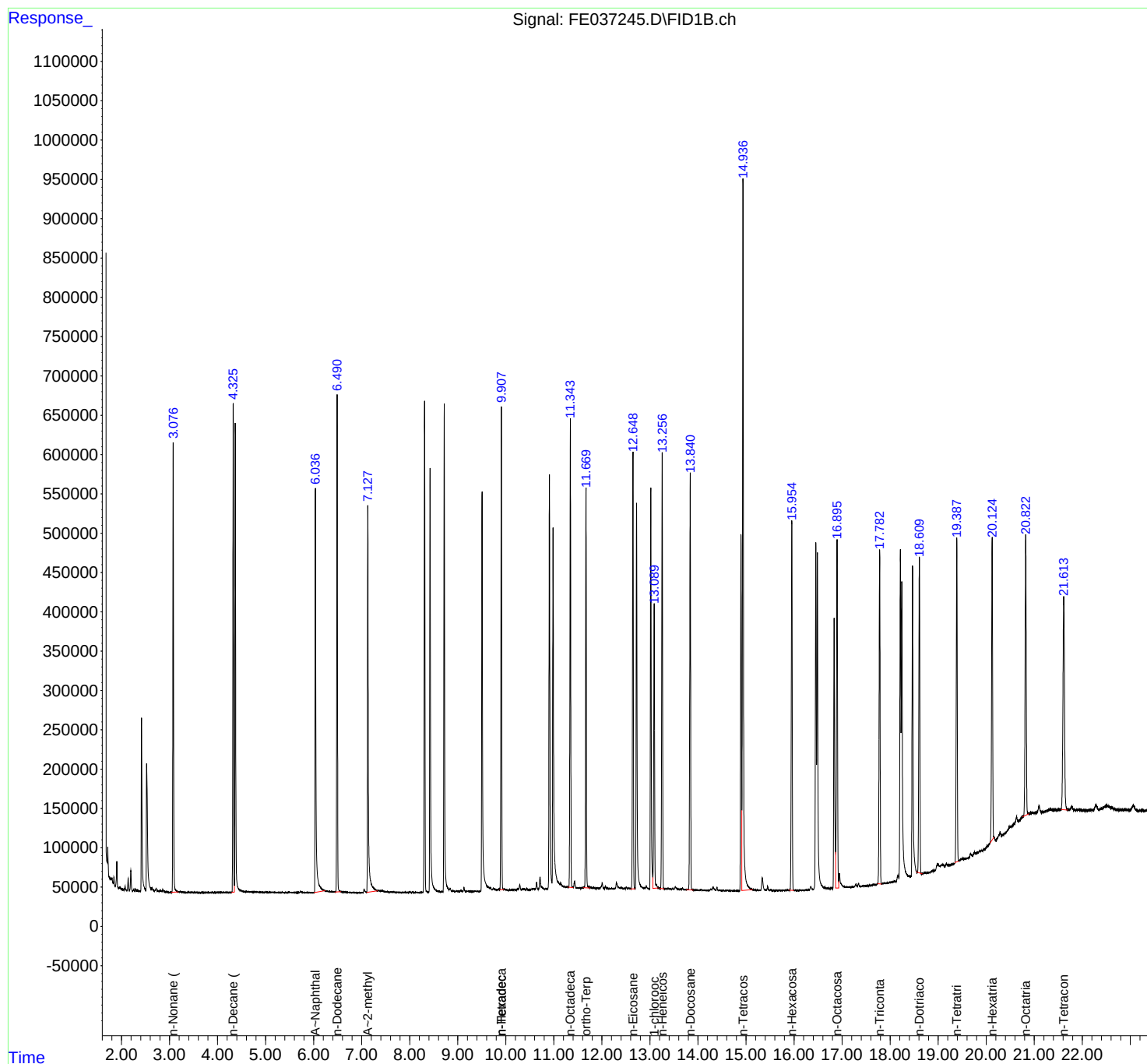
Instrument :
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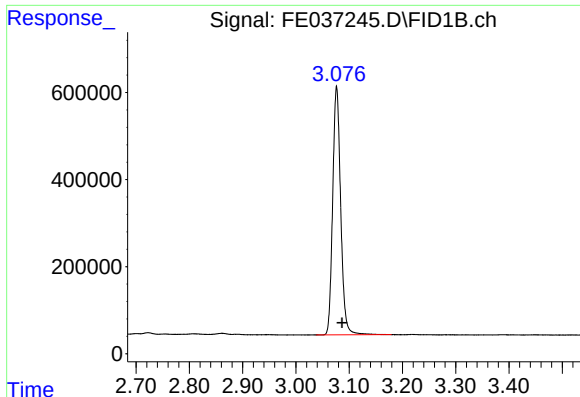
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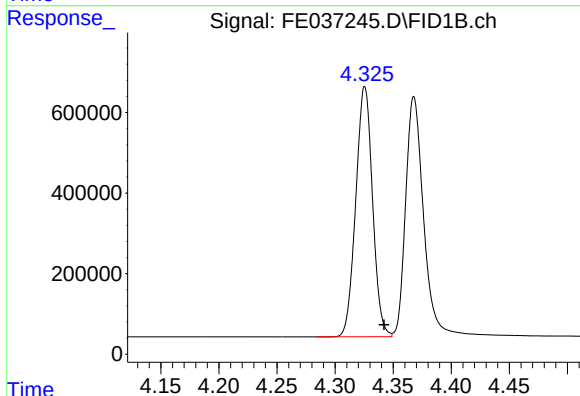
#1 n-Nonane (C9)

R.T.: 3.076 min
Delta R.T.: -0.011 min
Response: 5950533
Conc: 39.94 ug/ml

Instrument :
FID_E
ClientSampleId :
5MSD

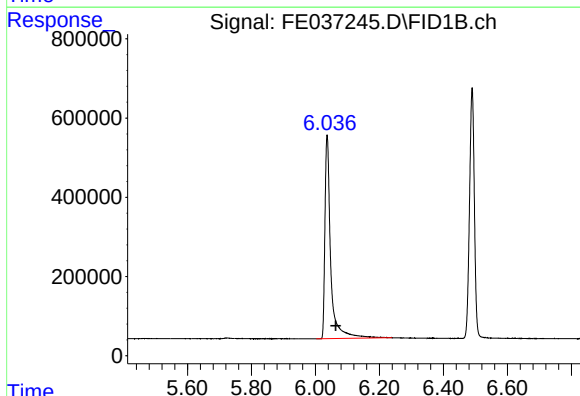
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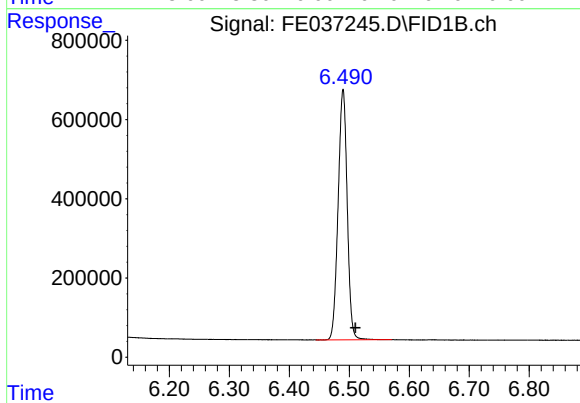
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.017 min
Response: 6242179
Conc: 41.67 ug/ml



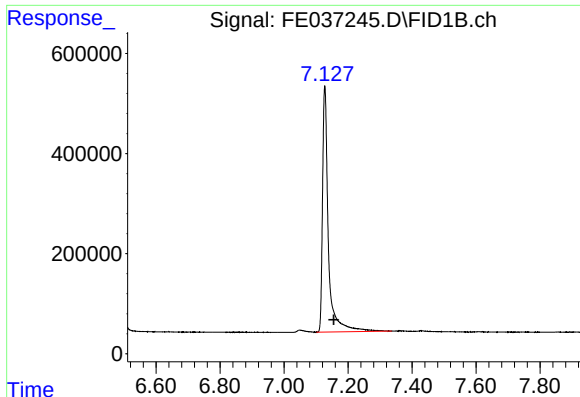
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.027 min
Response: 6473273
Conc: 44.72 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.021 min
Response: 6658543
Conc: 43.07 ug/ml



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

R.T.: 7.128 min
Delta R.T.: -0.028 min
Response: 6293675
Conc: 45.49 ug/ml

Instrument :

FID_E

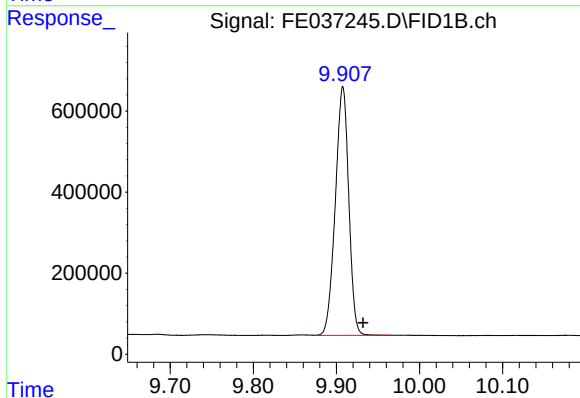
ClientSampleId :

5MSD

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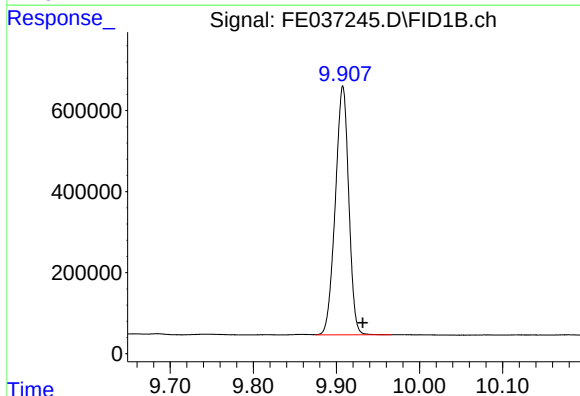
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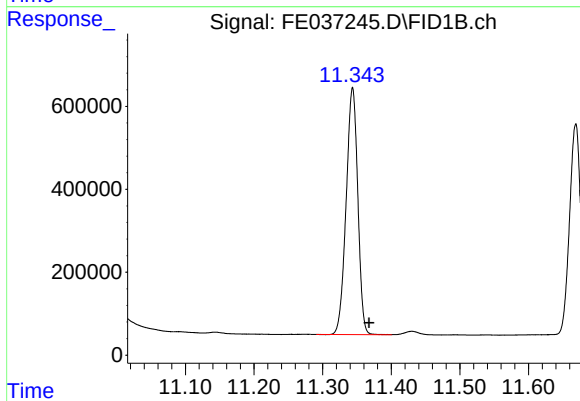
#6 n-Tetradecane (C14)

R.T.: 9.908 min
Delta R.T.: -0.024 min
Response: 6892297
Conc: 43.82 ug/ml



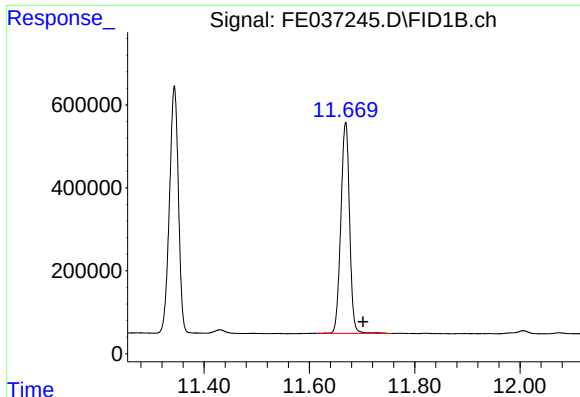
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.024 min
Response: 6892297
Conc: 43.82 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: -0.024 min
Response: 7015406
Conc: 43.53 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.033 min
Response: 5871271
Conc: 33.97 ug/ml

Instrument :

FID_E

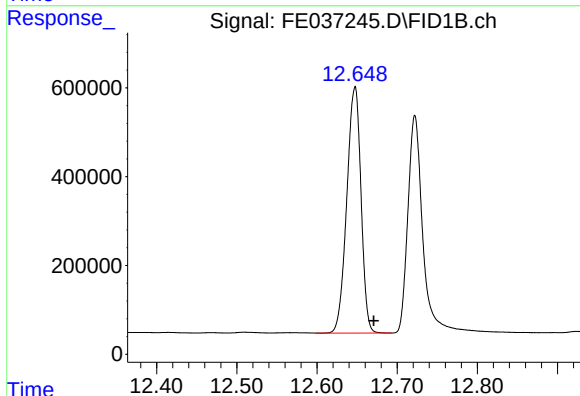
ClientSampleId :

5MSD

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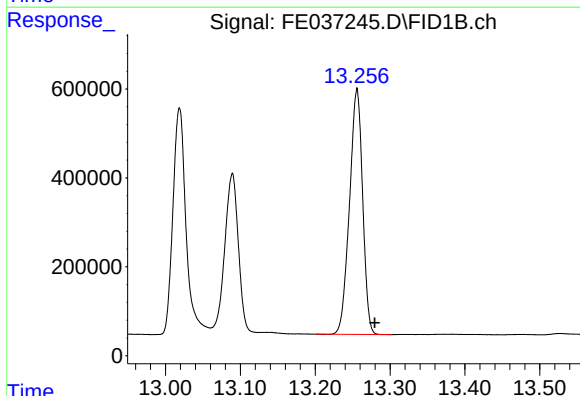
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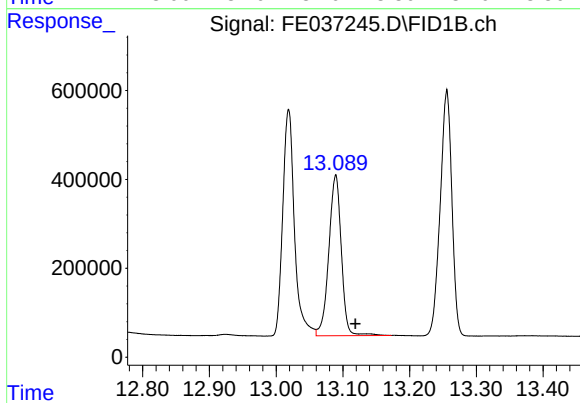
#10 n-Eicosane (C20)

R.T.: 12.647 min
Delta R.T.: -0.023 min
Response: 6829869
Conc: 41.48 ug/ml



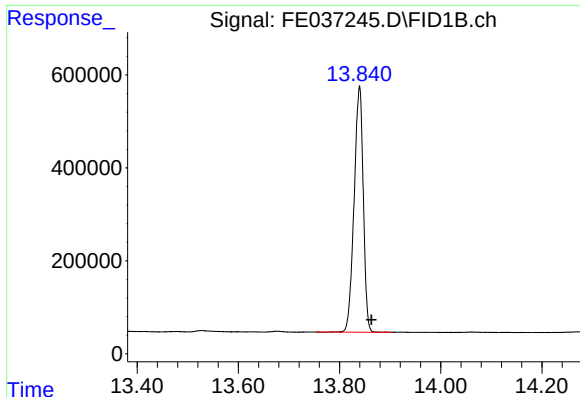
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.024 min
Response: 6732697
Conc: 40.70 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: -0.029 min
Response: 4710910
Conc: 34.48 ug/ml



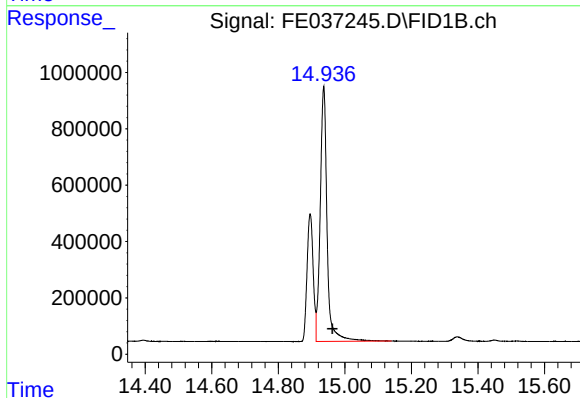
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.023 min
Response: 6661107
Conc: 40.10 ug/ml

Instrument :
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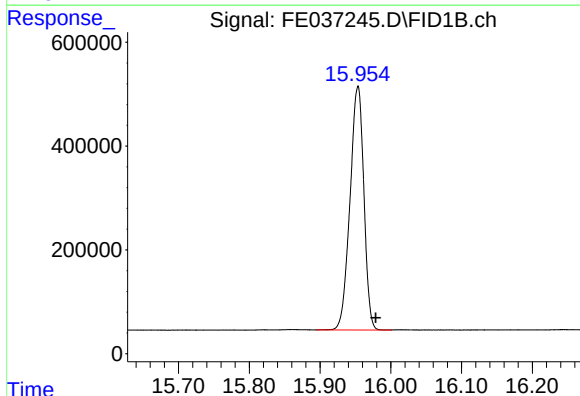
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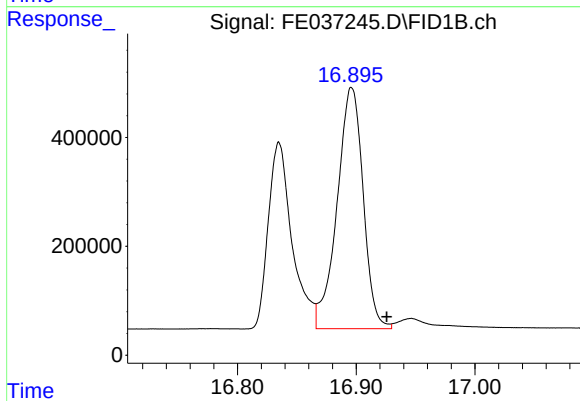
#14 n-Tetracosane (C24)

R.T.: 14.937 min
Delta R.T.: -0.025 min
Response: 12950623
Conc: 78.45 ug/ml



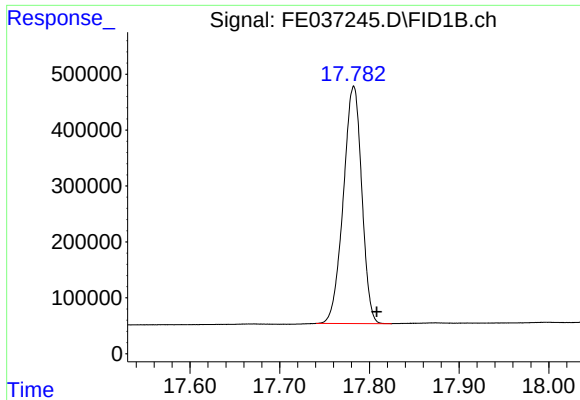
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.025 min
Response: 6374530
Conc: 39.10 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.895 min
Delta R.T.: -0.030 min
Response: 6765915
Conc: 42.61 ug/ml m



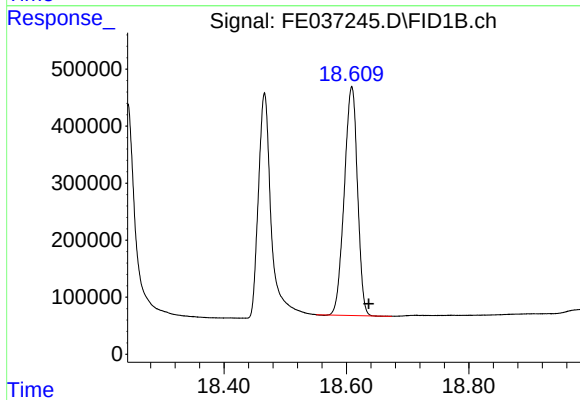
#17 n-Tricontane (C30)

R.T.: 17.783 min
Delta R.T.: -0.026 min
Response: 6061038
Conc: 39.02 ug/ml

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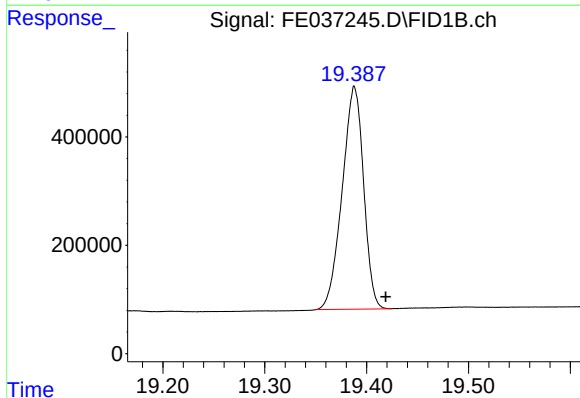
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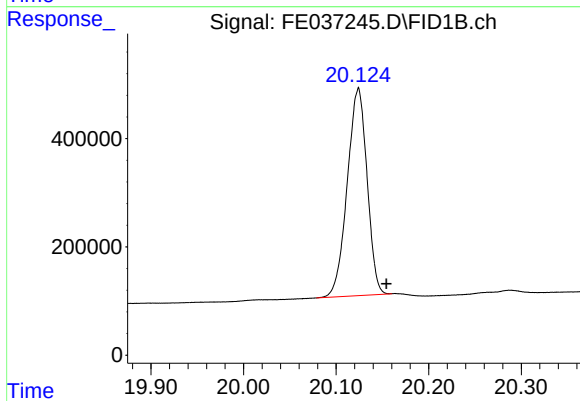
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.028 min
Response: 6016518
Conc: 40.34 ug/ml



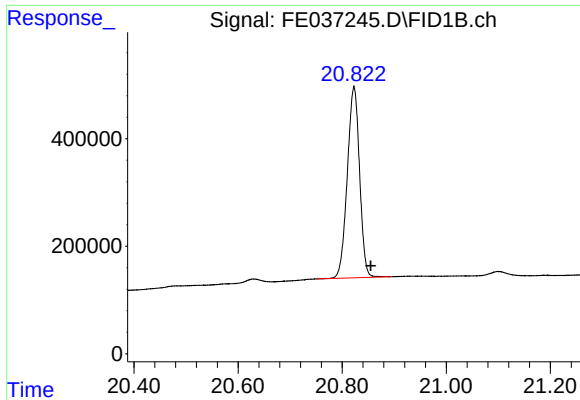
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.031 min
Response: 6000159
Conc: 44.66 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.030 min
Response: 5694334
Conc: 44.36 ug/ml m



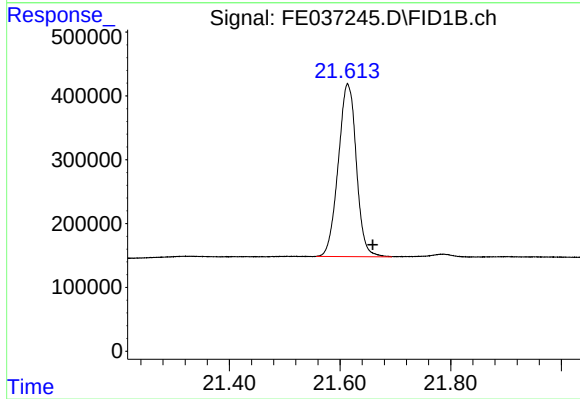
#21 n-Octatriacontane (C38)

R.T.: 20.823 min
Delta R.T.: -0.032 min
Response: 5815997
Conc: 48.45 ug/ml

Instrument :
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#22 n-Tetracontane (C40)

R.T.: 21.613 min
Delta R.T.: -0.046 min
Response: 6133996
Conc: 50.79 ug/ml m