

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037244.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 03:15
 Operator : YP\AJ
 Sample : N4328-07MS
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SMS

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 03:54:03 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	5803968	33.583 ug/ml
Spiked Amount 50.000		Recovery =	67.17%
12) S 1-chlorooctadecane (S...	13.089	4454835	32.605 ug/ml
Spiked Amount 50.000		Recovery =	65.21%
Target Compounds			
1) T n-Nonane (C9)	3.077	5839741	39.199 ug/ml
2) T n-Decane (C10)	4.326	6146112	41.031 ug/ml
3) T A~Naphthalene (C11.7)	6.037	6397781	44.194 ug/ml
4) T n-Dodecane (C12)	6.490	6556498	42.412 ug/ml
5) T A~2-methylnaphthalene...	7.128	6177524	44.654 ug/ml
6) T n-Tetradecane (C14)	9.909	6793831	43.194 ug/ml
7) T n-Hexadecane (C16)	9.909	6793831	43.194 ug/ml
8) T n-Octadecane (C18)	11.345	6901934	42.826 ug/ml
10) T n-Eicosane (C20)	12.648	6701473	40.700 ug/ml
11) T n-Heneicosane (C21)	13.256	6606736	39.942 ug/ml
13) T n-Docosane (C22)	13.840	6541862	39.380 ug/ml
14) T n-Tetracosane (C24)	14.938	12732021	77.127 ug/ml
15) T n-Hexacosane (C26)	15.954	6256369	38.372 ug/ml
16) T n-Octacosane (C28)	16.897	6573811	41.401 ug/mlm
17) T n-Tricontane (C30)	17.782	5961513	38.384 ug/ml
18) T n-Dotriacontane (C32)	18.609	5891389	39.496 ug/ml
19) T n-Tetratriacontane (C34)	19.389	5896209	43.882 ug/ml
20) T n-Hexatriacontane (C36)	20.123	5681615	44.256 ug/ml
21) T n-Octatriacontane (C38)	20.822	5716226	47.616 ug/ml
22) T n-Tetracontane (C40)	21.612	5879583	48.681 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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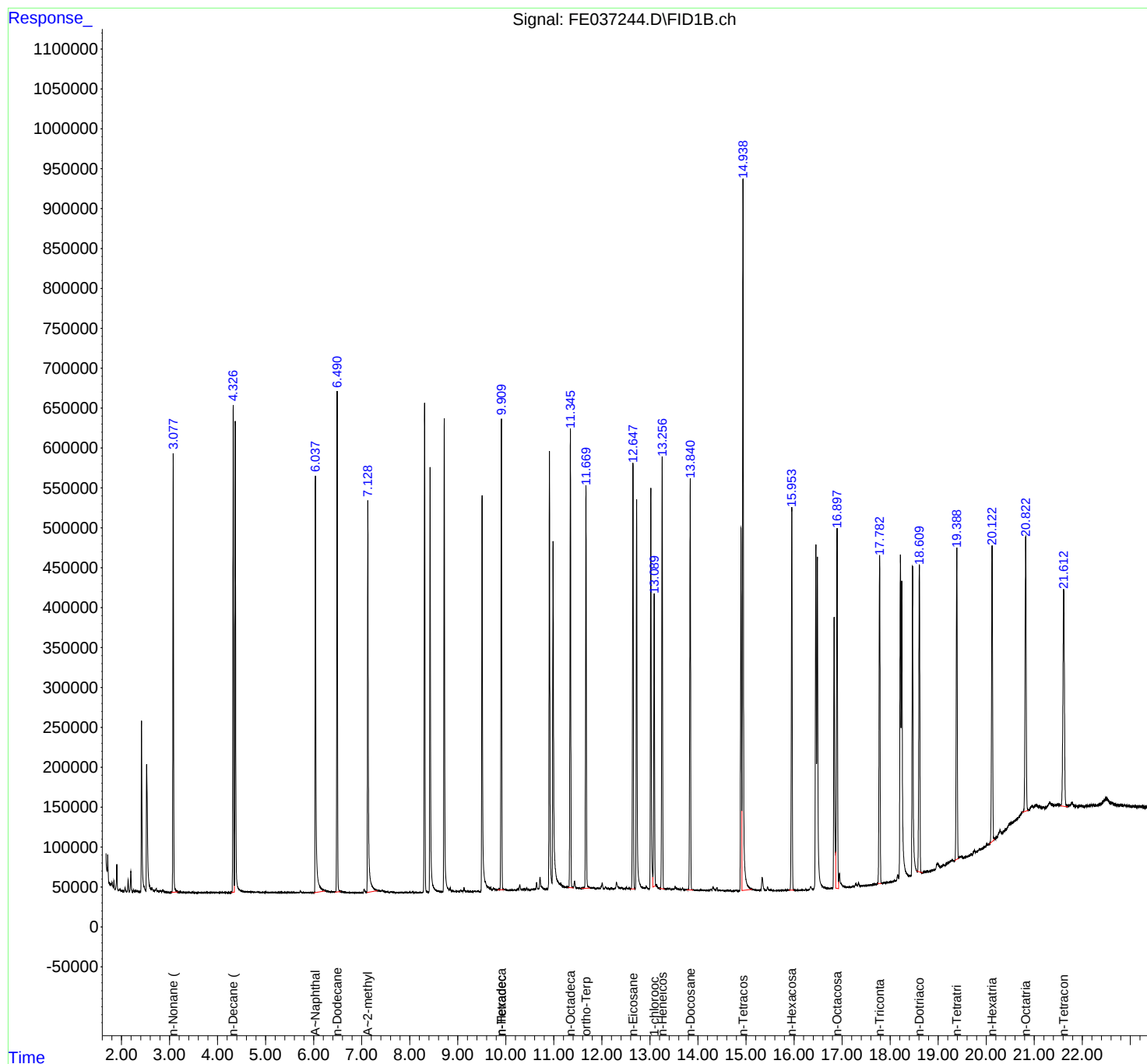
Instrument :
FID_E
ClientSampleId :
5MS

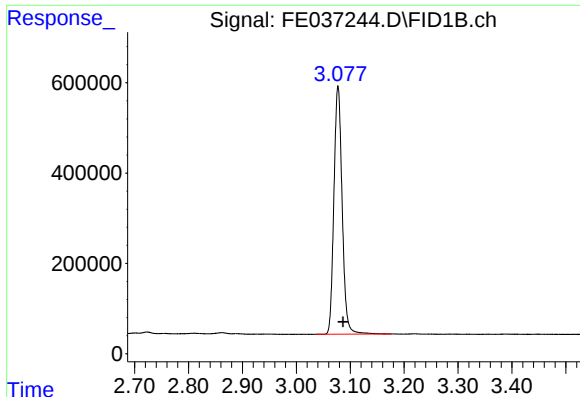
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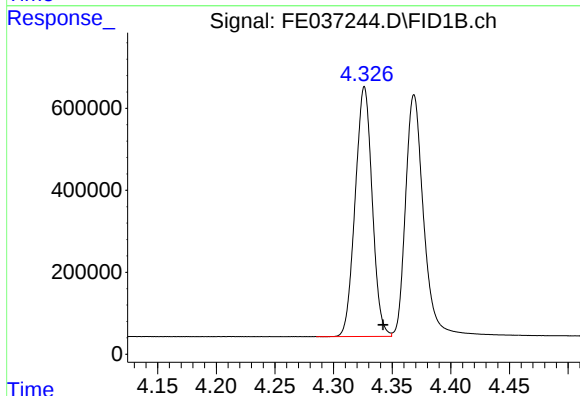
#1 n-Nonane (C9)

R.T.: 3.077 min
Delta R.T.: -0.010 min
Response: 5839741
Conc: 39.20 ug/ml

Instrument :
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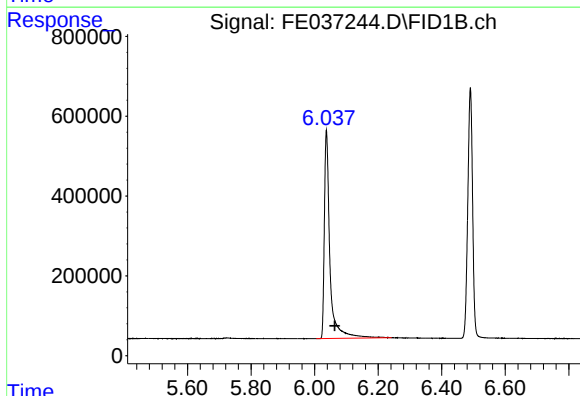
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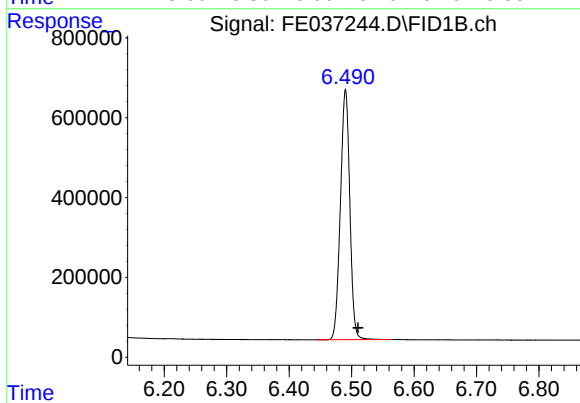
#2 n-Decane (C10)

R.T.: 4.326 min
Delta R.T.: -0.016 min
Response: 6146112
Conc: 41.03 ug/ml



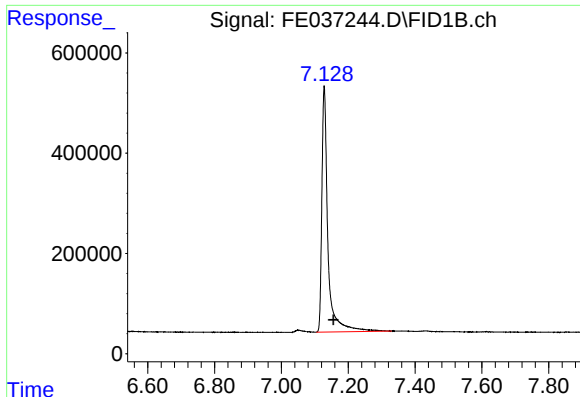
#3 A~Naphthalene (C11.7)

R.T.: 6.037 min
Delta R.T.: -0.026 min
Response: 6397781
Conc: 44.19 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.490 min
Delta R.T.: -0.020 min
Response: 6556498
Conc: 42.41 ug/ml



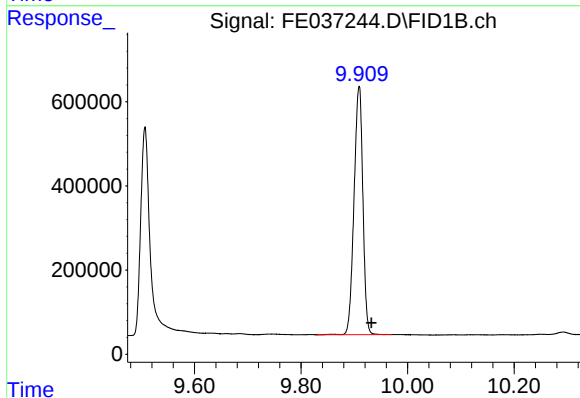
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.028 min
Response: 6177524
Conc: 44.65 ug/ml

Instrument :
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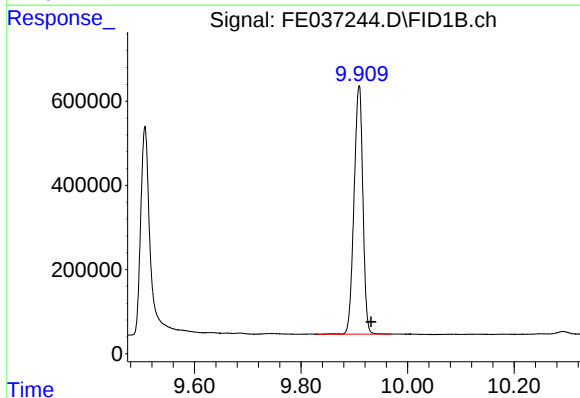
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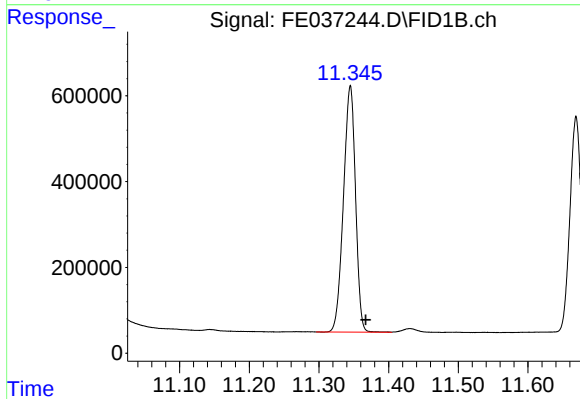
#6 n-Tetradecane (C14)

R.T.: 9.909 min
Delta R.T.: -0.023 min
Response: 6793831
Conc: 43.19 ug/ml



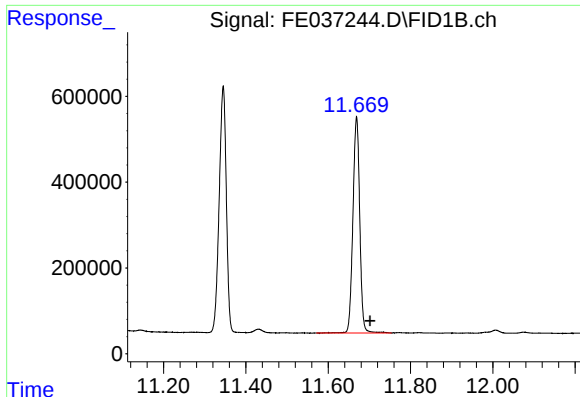
#7 n-Hexadecane (C16)

R.T.: 9.909 min
Delta R.T.: -0.023 min
Response: 6793831
Conc: 43.19 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.345 min
Delta R.T.: -0.022 min
Response: 6901934
Conc: 42.83 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.033 min
Response: 5803968
Conc: 33.58 ug/ml

Instrument :

FID_E

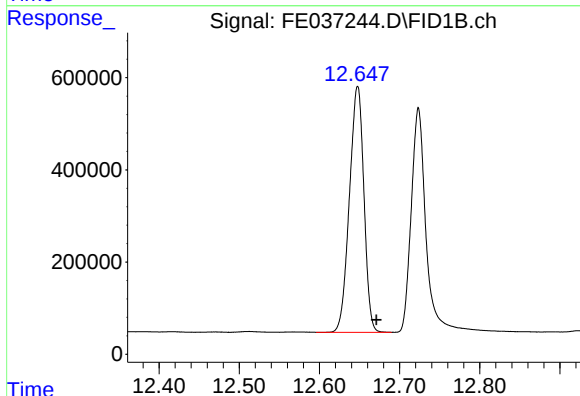
ClientSampleId :

5MS

Manual Integrations

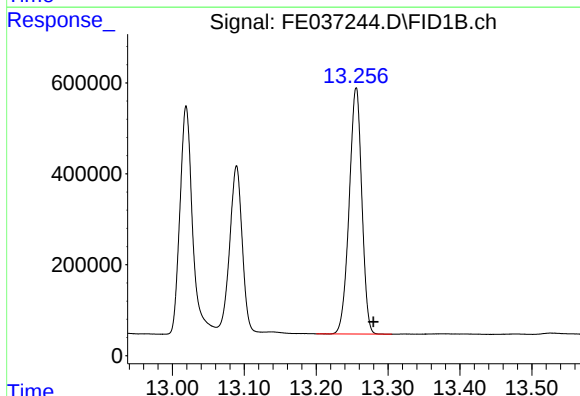
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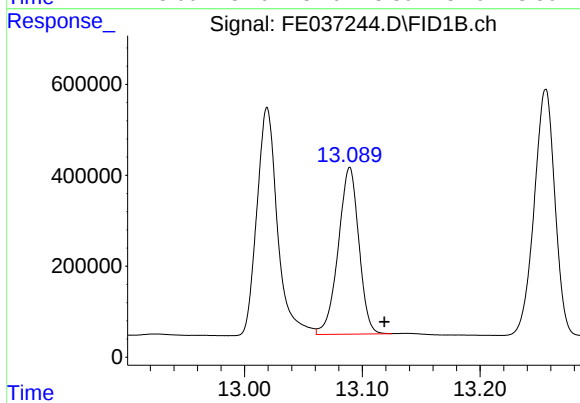
#10 n-Eicosane (C20)

R.T.: 12.648 min
Delta R.T.: -0.023 min
Response: 6701473
Conc: 40.70 ug/ml



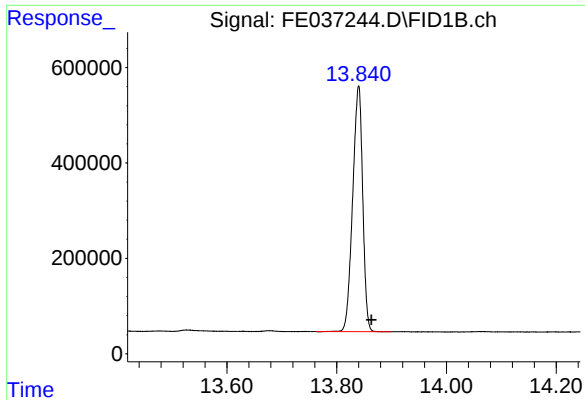
#11 n-Heneicosane (C21)

R.T.: 13.256 min
Delta R.T.: -0.024 min
Response: 6606736
Conc: 39.94 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.089 min
Delta R.T.: -0.029 min
Response: 4454835
Conc: 32.61 ug/ml



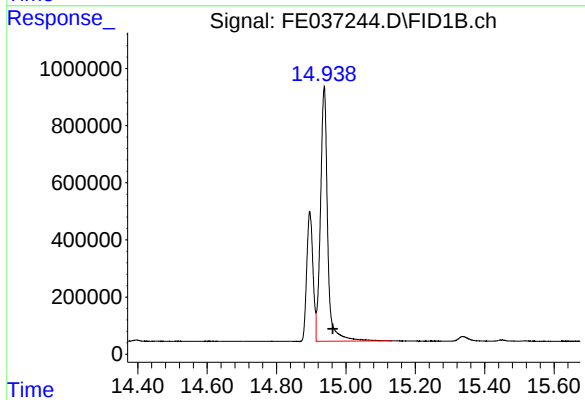
#13 n-Docosane (C22)

R.T.: 13.840 min
Delta R.T.: -0.023 min
Response: 6541862
Conc: 39.38 ug/ml

Instrument :
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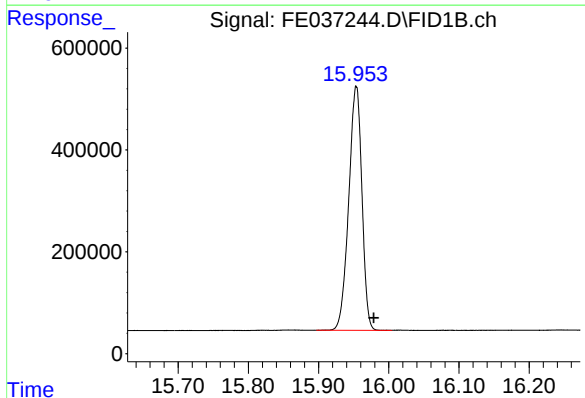
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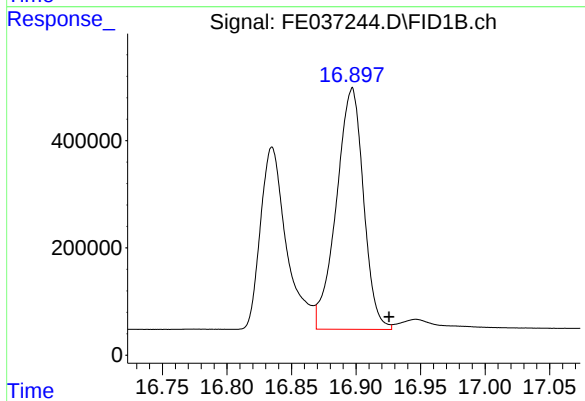
#14 n-Tetracosane (C24)

R.T.: 14.938 min
Delta R.T.: -0.025 min
Response: 12732021
Conc: 77.13 ug/ml



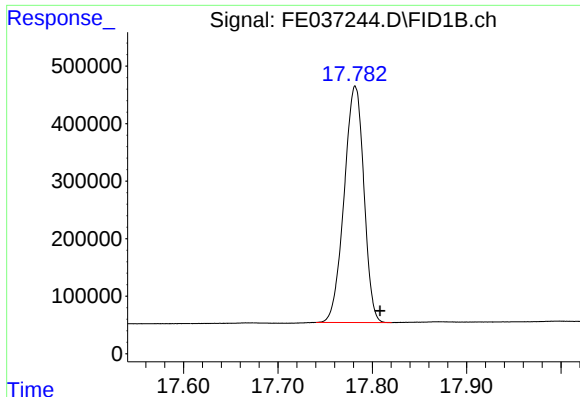
#15 n-Hexacosane (C26)

R.T.: 15.954 min
Delta R.T.: -0.025 min
Response: 6256369
Conc: 38.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.897 min
Delta R.T.: -0.029 min
Response: 6573811
Conc: 41.40 ug/ml m



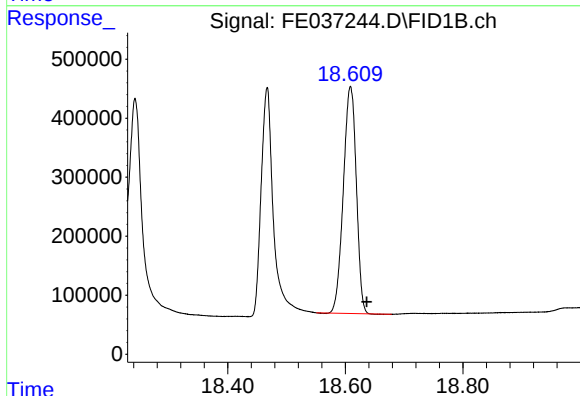
#17 n-Tricontane (C30)

R.T.: 17.782 min
Delta R.T.: -0.026 min
Response: 5961513
Conc: 38.38 ug/ml

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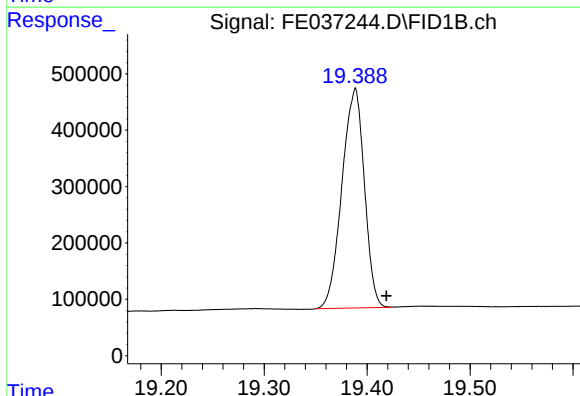
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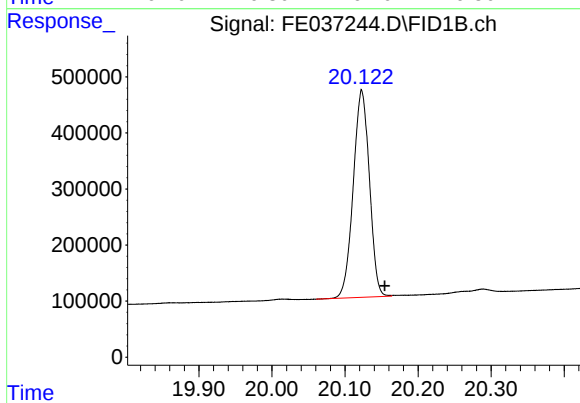
#18 n-Dotriacontane (C32)

R.T.: 18.609 min
Delta R.T.: -0.028 min
Response: 5891389
Conc: 39.50 ug/ml



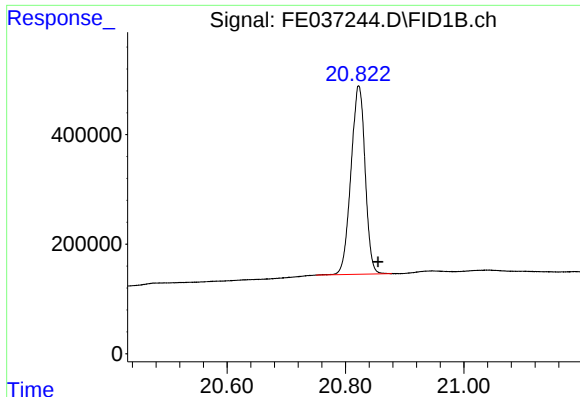
#19 n-Tetratriacontane (C34)

R.T.: 19.389 min
Delta R.T.: -0.030 min
Response: 5896209
Conc: 43.88 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.123 min
Delta R.T.: -0.031 min
Response: 5681615
Conc: 44.26 ug/ml



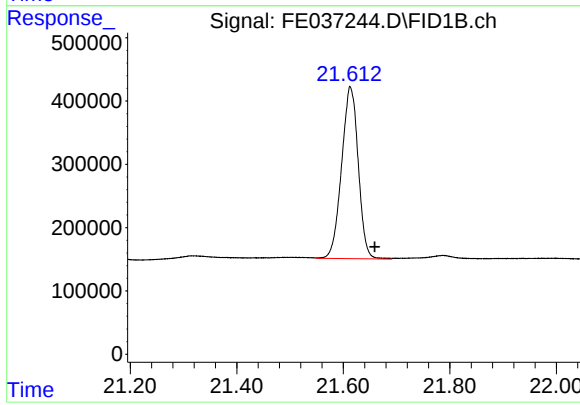
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.033 min
Response: 5716226
Conc: 47.62 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.612 min
Delta R.T.: -0.047 min
Response: 5879583
Conc: 48.68 ug/ml m