

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082522AL\
 Data File : FE037262.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 18:23
 Operator : YP\AJ
 Sample : N4352-02MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 11985MSD

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 04:11:10 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)	11.663	6371623	36.868 ug/ml
Spiked Amount 50.000		Recovery =	73.74%
12) S 1-chlorooctadecane (S...	13.084	5050441	36.964 ug/ml
Spiked Amount 50.000		Recovery =	73.93%
Target Compounds			
1) T n-Nonane (C9)	3.056	4288188	28.784 ug/ml
2) T n-Decane (C10)	4.355	4795871	32.017 ug/ml
3) T A~Naphthalene (C11.7)	6.028	5164015	35.672 ug/ml
4) T n-Dodecane (C12)	6.484	5364609	34.702 ug/ml
5) T A~2-methylnaphthalene...	7.121	5352698	38.692 ug/ml
6) T n-Tetradecane (C14)	9.904	6305738	40.091 ug/ml
7) T n-Hexadecane (C16)	9.904	6305738	40.091 ug/ml
8) T n-Octadecane (C18)	11.340	6724762	41.727 ug/ml
10) T n-Eicosane (C20)	12.642	6696326	40.669 ug/ml
11) T n-Heneicosane (C21)	13.251	6564841	39.688 ug/ml
13) T n-Docosane (C22)	13.834	6505065	39.159 ug/ml
14) T n-Tetracosane (C24)	14.932	12129403	73.476 ug/ml
15) T n-Hexacosane (C26)	15.948	6061492	37.177 ug/ml
16) T n-Octacosane (C28)	16.893	6131206	38.614 ug/ml
17) T n-Tricontane (C30)	17.776	5619284	36.180 ug/ml
18) T n-Dotriacontane (C32)	18.603	5685375	38.115 ug/ml
19) T n-Tetratriacontane (C34)	19.381	5557716	41.363 ug/mlm
20) T n-Hexatriacontane (C36)	20.118	5317177	41.417 ug/ml
21) T n-Octatriacontane (C38)	20.816	5385378	44.860 ug/ml
22) T n-Tetracontane (C40)	21.606	5441477	45.053 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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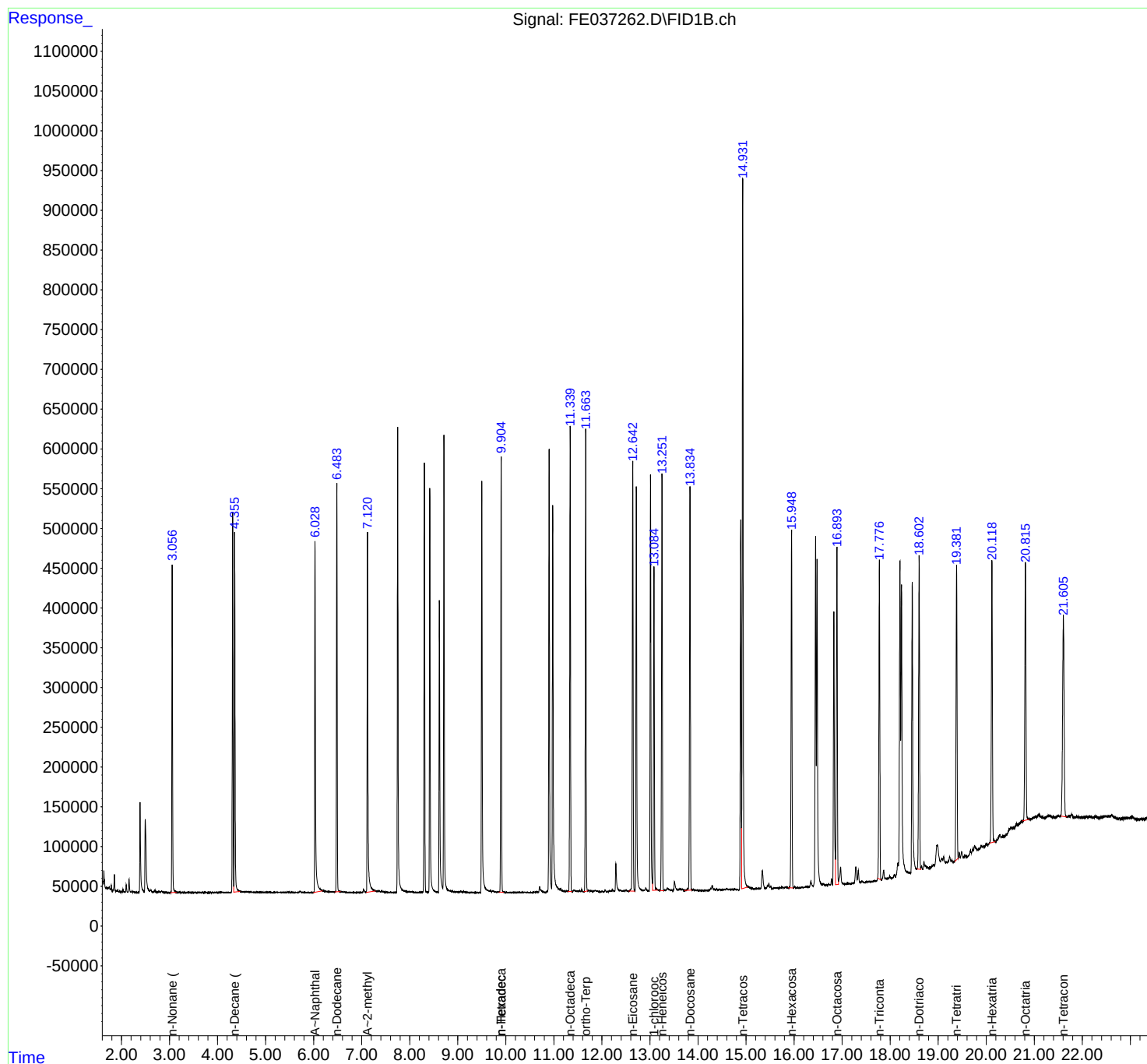
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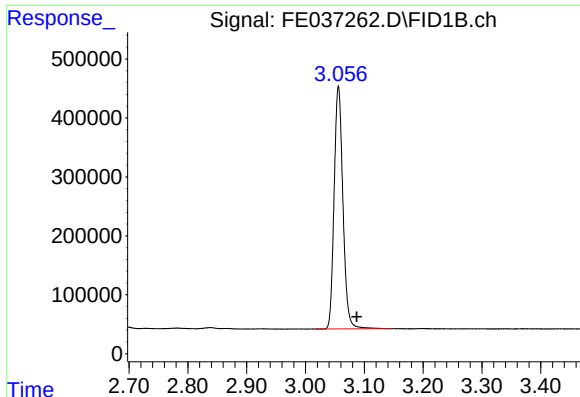
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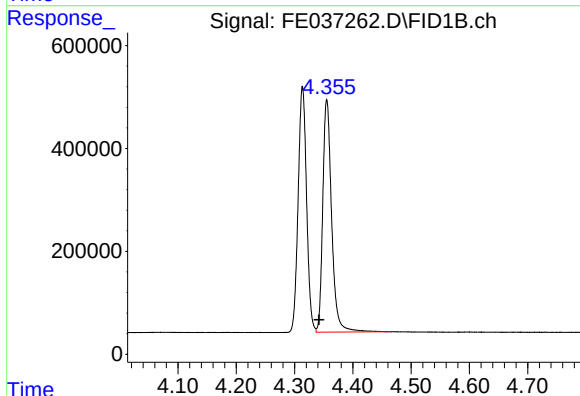
#1 n-Nonane (C9)

R.T.: 3.056 min
Delta R.T.: -0.031 min
Response: 4288188
Conc: 28.78 ug/ml

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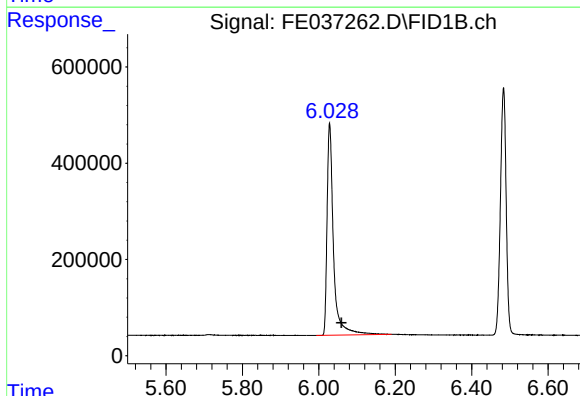
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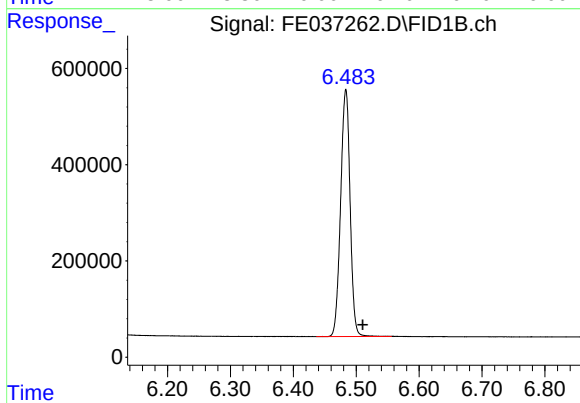
#2 n-Decane (C10)

R.T.: 4.355 min
Delta R.T.: 0.013 min
Response: 4795871
Conc: 32.02 ug/ml



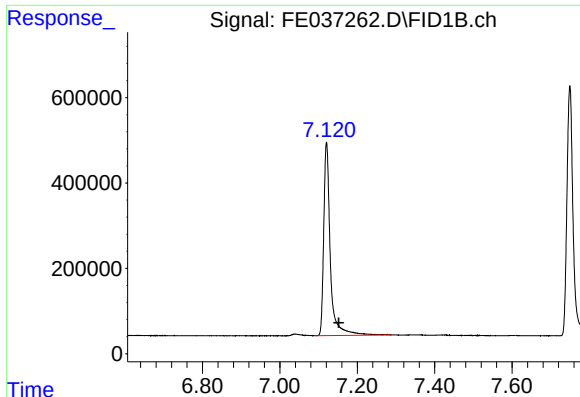
#3 A~Naphthalene (C11.7)

R.T.: 6.028 min
Delta R.T.: -0.031 min
Response: 5164015
Conc: 35.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.484 min
Delta R.T.: -0.027 min
Response: 5364609
Conc: 34.70 ug/ml



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

R.T.: 7.121 min
Delta R.T.: -0.031 min
Response: 5352698
Conc: 38.69 ug/ml

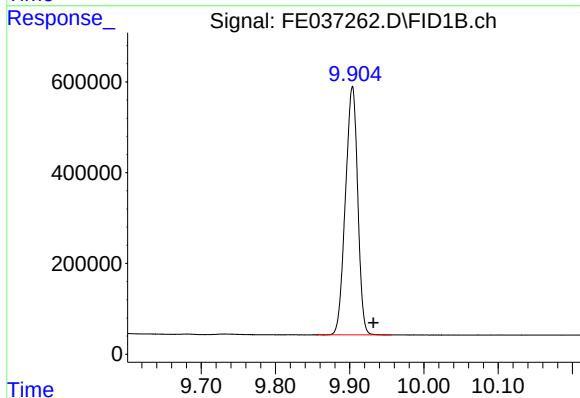
Instrument :

FID_E

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11985MSD

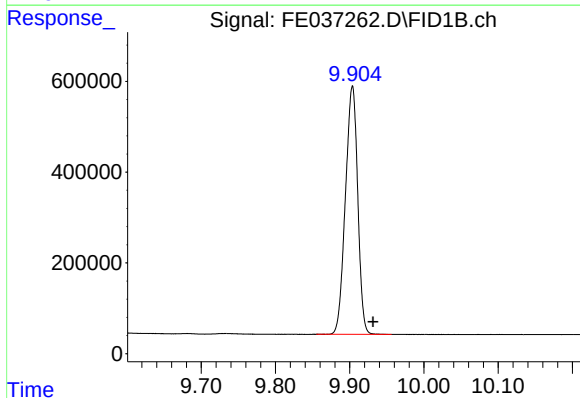
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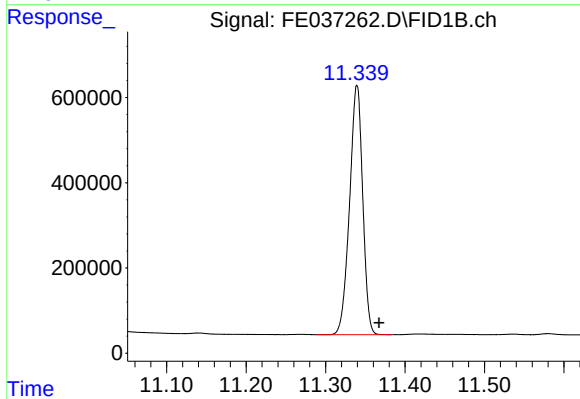
#6 n-Tetradecane (C14)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 6305738
Conc: 40.09 ug/ml



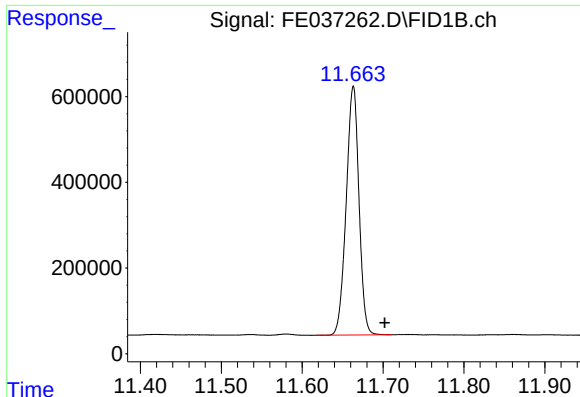
#7 n-Hexadecane (C16)

R.T.: 9.904 min
Delta R.T.: -0.028 min
Response: 6305738
Conc: 40.09 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.340 min
Delta R.T.: -0.028 min
Response: 6724762
Conc: 41.73 ug/ml



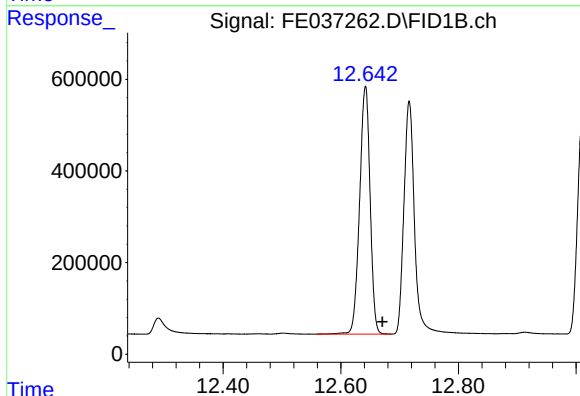
#9 ortho-Terphenyl (SURR)

R.T.: 11.663 min
Delta R.T.: -0.039 min
Response: 6371623
Conc: 36.87 ug/ml

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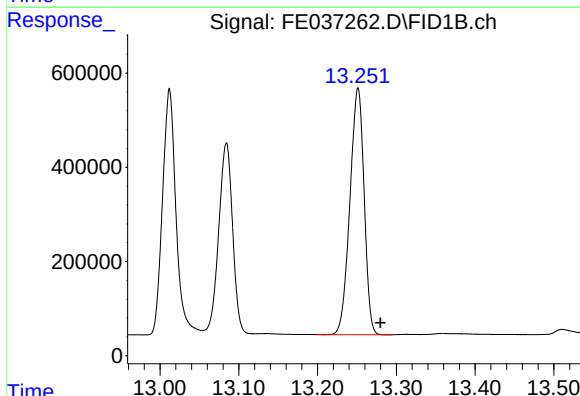
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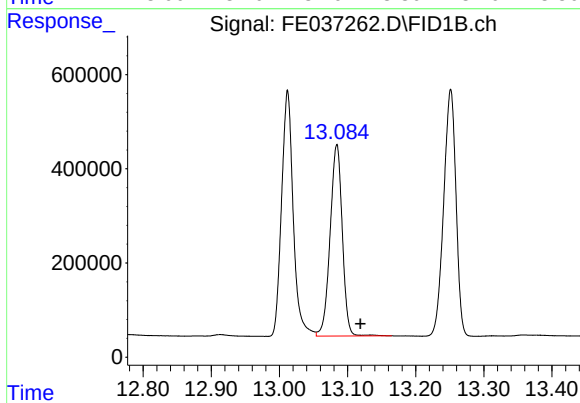
#10 n-Eicosane (C20)

R.T.: 12.642 min
Delta R.T.: -0.029 min
Response: 6696326
Conc: 40.67 ug/ml



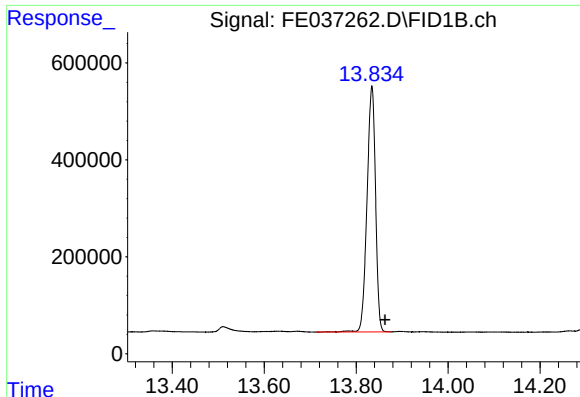
#11 n-Heneicosane (C21)

R.T.: 13.251 min
Delta R.T.: -0.028 min
Response: 6564841
Conc: 39.69 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.084 min
Delta R.T.: -0.034 min
Response: 5050441
Conc: 36.96 ug/ml



#13 n-Docosane (C22)

R.T.: 13.834 min
Delta R.T.: -0.029 min
Response: 6505065
Conc: 39.16 ug/ml

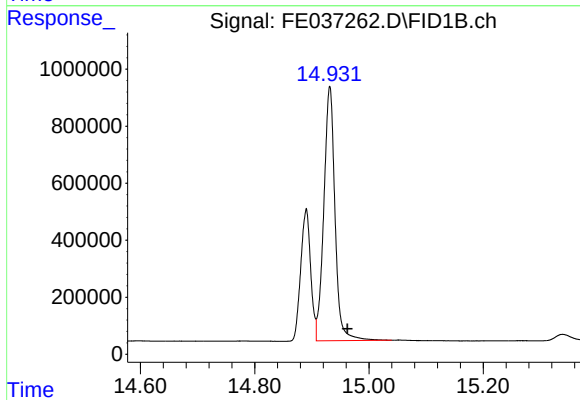
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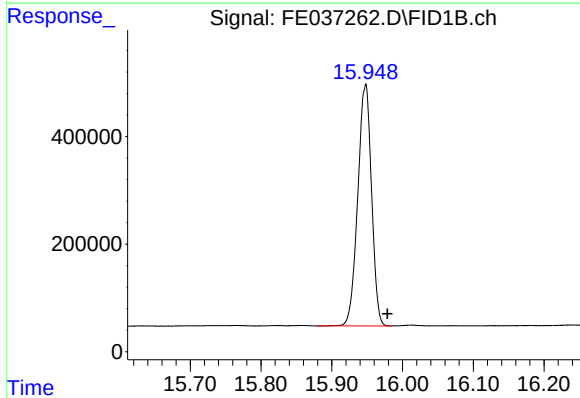
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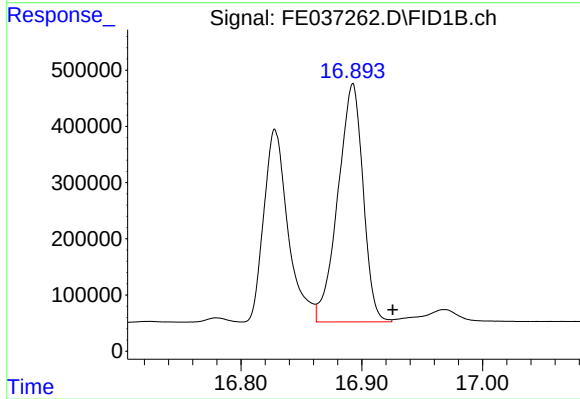
#14 n-Tetracosane (C24)

R.T.: 14.932 min
Delta R.T.: -0.031 min
Response: 12129403
Conc: 73.48 ug/ml



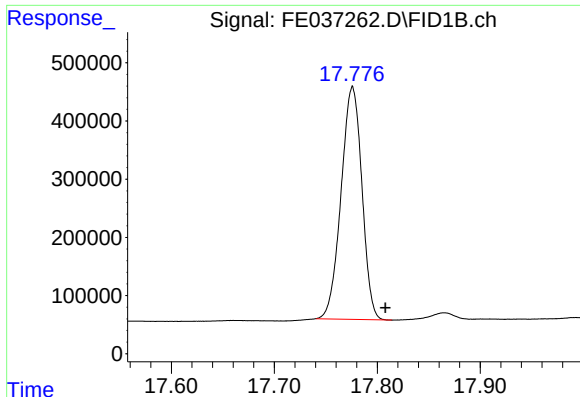
#15 n-Hexacosane (C26)

R.T.: 15.948 min
Delta R.T.: -0.031 min
Response: 6061492
Conc: 37.18 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.893 min
Delta R.T.: -0.033 min
Response: 6131206
Conc: 38.61 ug/ml



#17 n-Tricontane (C30)

R.T.: 17.776 min
Delta R.T.: -0.032 min
Response: 5619284
Conc: 36.18 ug/ml

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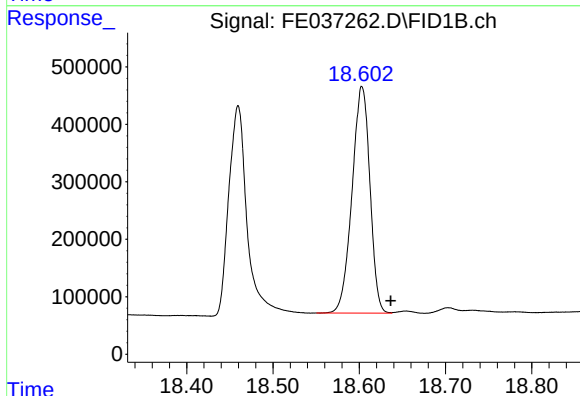
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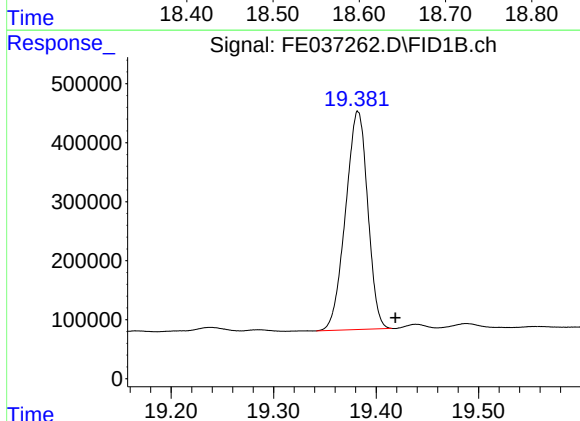
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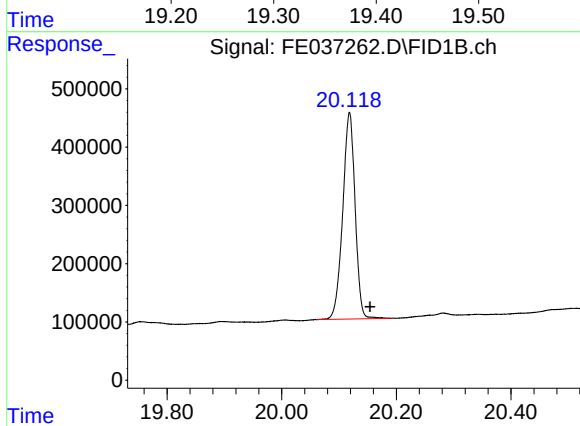
#18 n-Dotriacontane (C32)

R.T.: 18.603 min
Delta R.T.: -0.033 min
Response: 5685375
Conc: 38.12 ug/ml



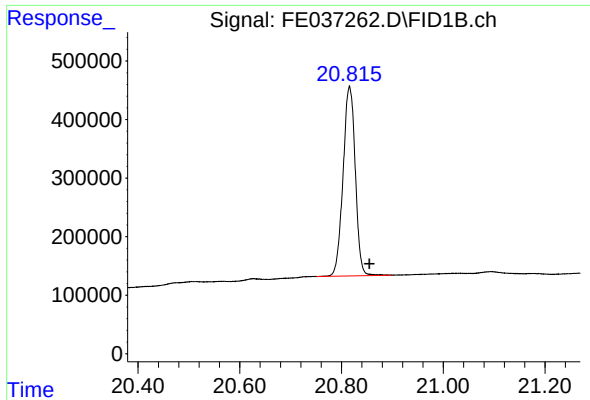
#19 n-Tetratriacontane (C34)

R.T.: 19.381 min
Delta R.T.: -0.037 min
Response: 5557716
Conc: 41.36 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.118 min
Delta R.T.: -0.036 min
Response: 5317177
Conc: 41.42 ug/ml



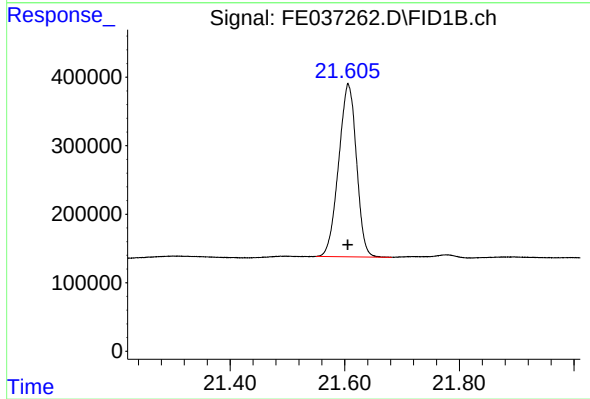
#21 n-Octatriacontane (C38)

R.T.: 20.816 min
Delta R.T.: -0.039 min
Response: 5385378
Conc: 44.86 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.606 min
Delta R.T.: 0.001 min
Response: 5441477
Conc: 45.05 ug/ml