

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE091422AL\
 Data File : FE037576.D
 Signal(s) : FID1B.ch
 Acq On : 15 Sep 2022 06:54
 Operator : YP\AJ
 Sample : N4579-05MS
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 CHERRY-HILL-25MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/15/2022
 Supervised By :Ankita Jodhani 09/15/2022

Integration File: autoint1.e
 Quant Time: Sep 15 07:35:43 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aliphatic EPH 082922.M
 Quant Title : GC Extractables
 QLast Update : Tue Aug 30 06:54:11 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)	11.629	4145082	24.528 ug/ml
Spiked Amount 50.000		Recovery =	49.06%
12) S 1-chlorooctadecane (S...	13.050	3430742	26.657 ug/ml
Spiked Amount 50.000		Recovery =	53.31%
Target Compounds			
1) T n-Nonane (C9)	3.030	4830398	31.570 ug/ml
2) T n-Decane (C10)	4.286	5501926	35.686 ug/ml
3) T A~Naphthalene (C11.7)	5.996	6042546	41.941 ug/ml
4) T n-Dodecane (C12)	6.455	6208761	39.263 ug/ml
5) T A~2-methylnaphthalene...	7.088	6109329	43.759 ug/ml
6) T n-Tetradecane (C14)	9.873	6774676	42.755 ug/ml
7) T n-Hexadecane (C16)	9.873	6774676	42.755 ug/ml
8) T n-Octadecane (C18)	11.308	6944466	43.609 ug/ml
10) T n-Eicosane (C20)	12.610	6668898	42.149 ug/ml
11) T n-Heneicosane (C21)	13.218	6557071	41.582 ug/ml
13) T n-Docosane (C22)	13.802	6474432	41.591 ug/ml
14) T n-Tetracosane (C24)	14.897	12373545	82.269 ug/ml
15) T n-Hexacosane (C26)	15.915	6362535	43.939 ug/ml
16) T n-Octacosane (C28)	16.858	6643063	47.951 ug/ml
17) T n-Tricontane (C30)	17.743	6753491	49.646 ug/ml
18) T n-Dotriacontane (C32)	18.572	10691773	80.069 ug/ml
19) T n-Tetratriacontane (C34)	19.350	7479210	59.111 ug/ml
20) T n-Hexatriacontane (C36)	20.086	7351127	57.157 ug/mlm
21) T n-Octatriacontane (C38)	20.785	7040271	56.567 ug/ml
22) T n-Tetracontane (C40)	21.596	35621371	276.316 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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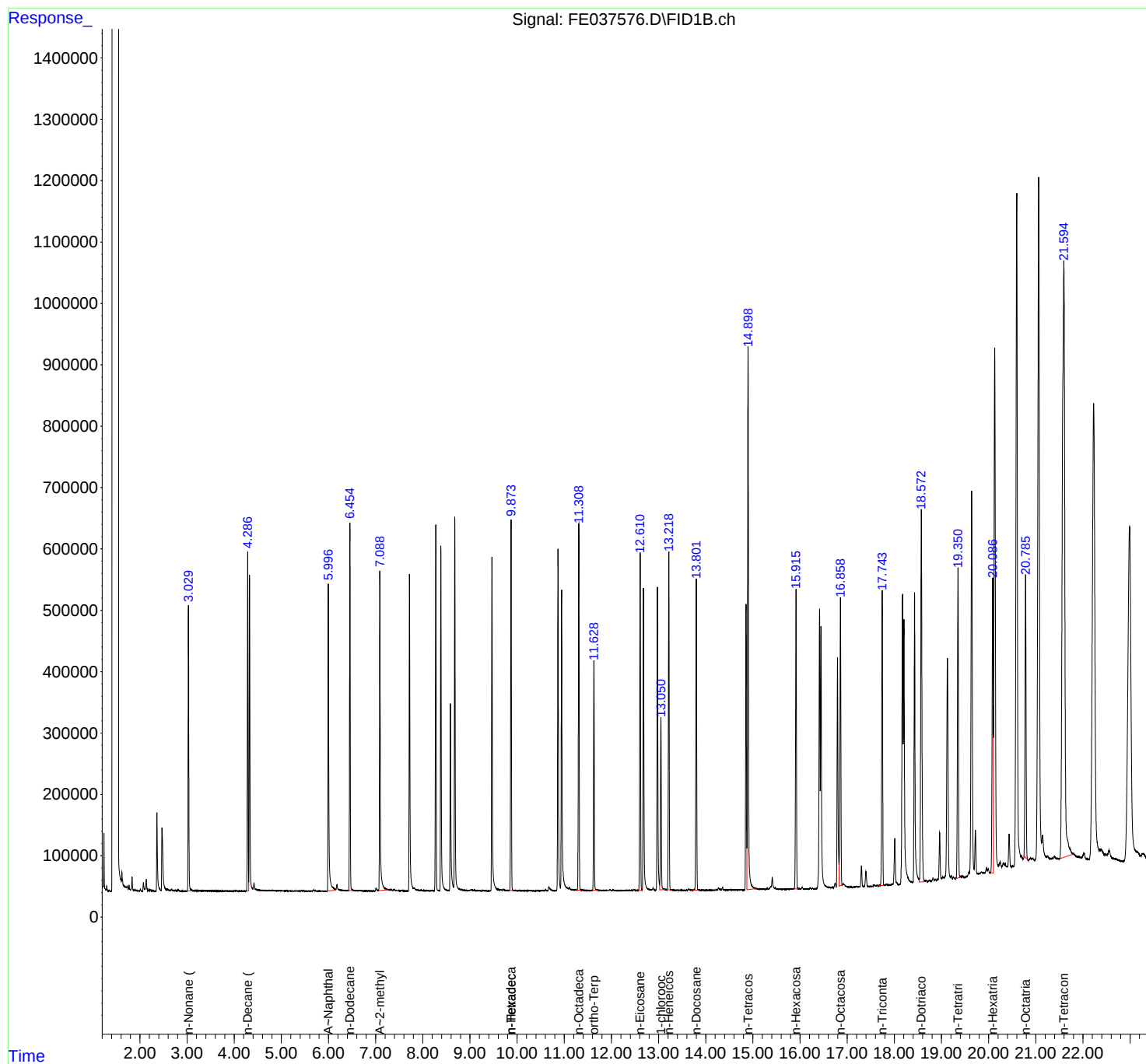
Instrument :
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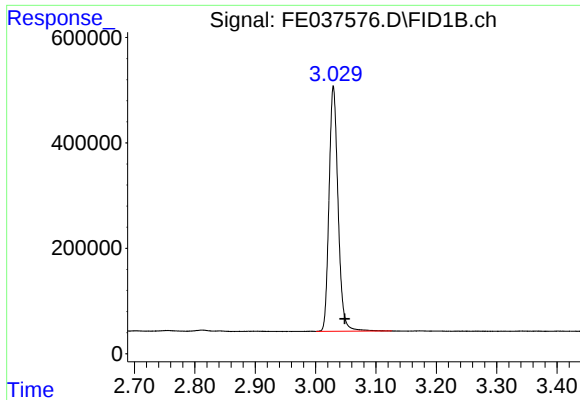
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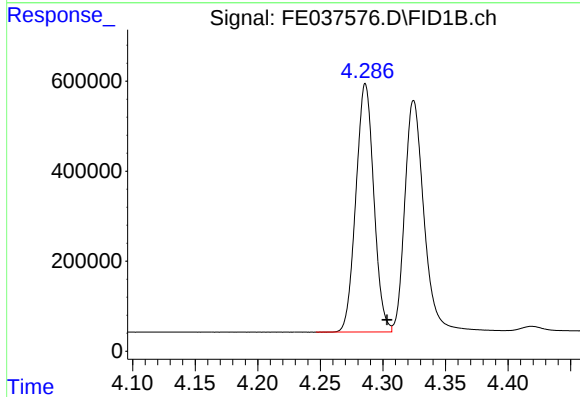
#1 n-Nonane (C9)

R.T.: 3.030 min
Delta R.T.: -0.018 min
Response: 4830398
Conc: 31.57 ug/ml

Instrument :
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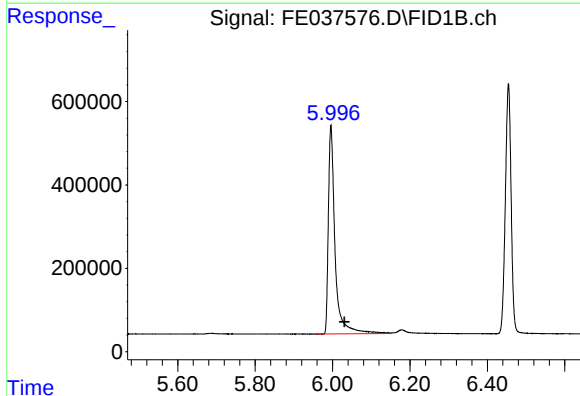
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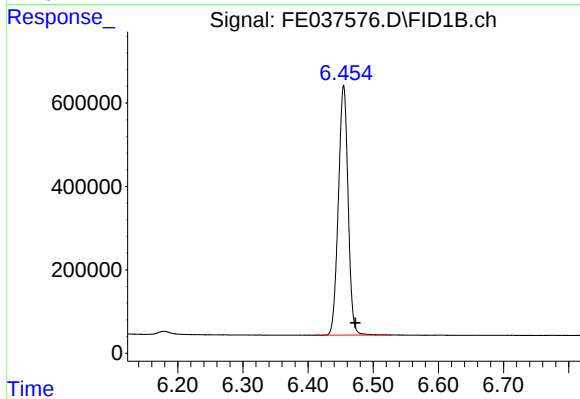
#2 n-Decane (C10)

R.T.: 4.286 min
Delta R.T.: -0.017 min
Response: 5501926
Conc: 35.69 ug/ml



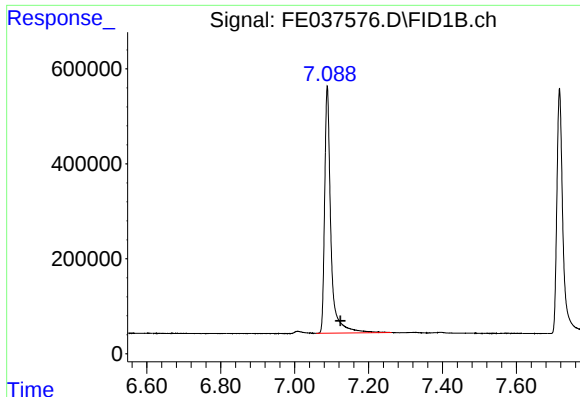
#3 A~Naphthalene (C11.7)

R.T.: 5.996 min
Delta R.T.: -0.035 min
Response: 6042546
Conc: 41.94 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.455 min
Delta R.T.: -0.018 min
Response: 6208761
Conc: 39.26 ug/ml



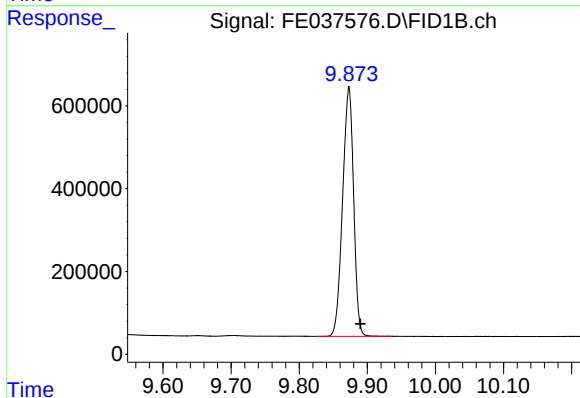
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.088 min
Delta R.T.: -0.035 min
Response: 6109329
Conc: 43.76 ug/ml

Instrument :
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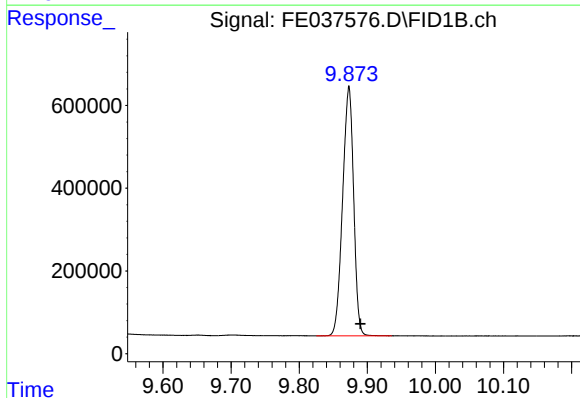
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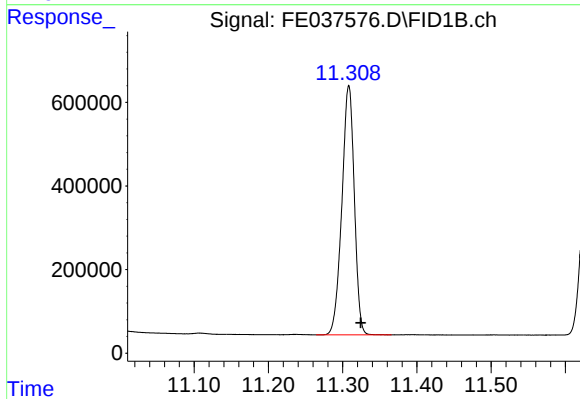
#6 n-Tetradecane (C14)

R.T.: 9.873 min
Delta R.T.: -0.017 min
Response: 6774676
Conc: 42.76 ug/ml



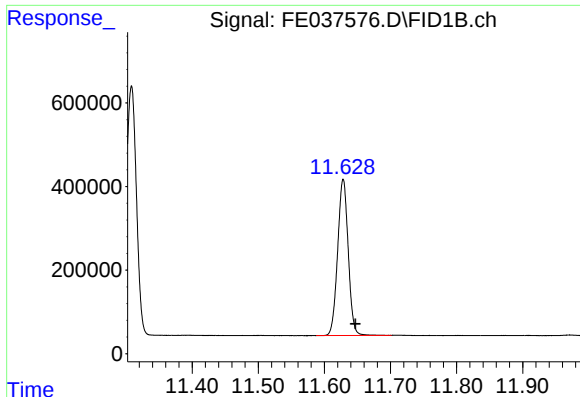
#7 n-Hexadecane (C16)

R.T.: 9.873 min
Delta R.T.: -0.017 min
Response: 6774676
Conc: 42.76 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.308 min
Delta R.T.: -0.016 min
Response: 6944466
Conc: 43.61 ug/ml



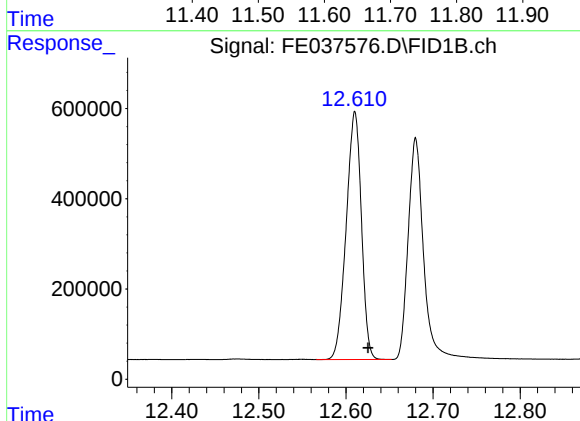
#9 ortho-Terphenyl (SURR)

R.T.: 11.629 min
Delta R.T.: -0.018 min
Response: 4145082
Conc: 24.53 ug/ml

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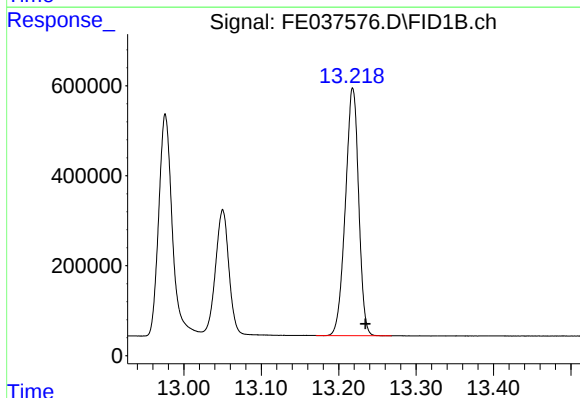
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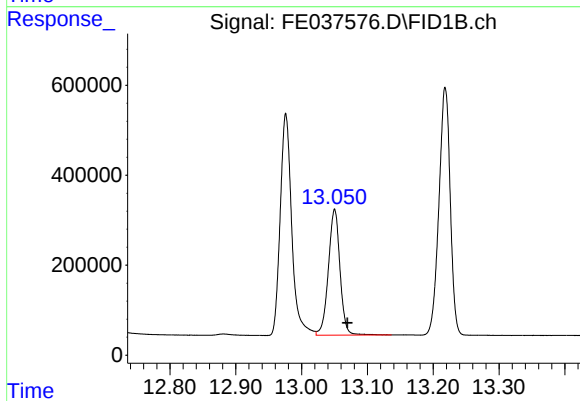
#10 n-Eicosane (C20)

R.T.: 12.610 min
Delta R.T.: -0.015 min
Response: 6668898
Conc: 42.15 ug/ml



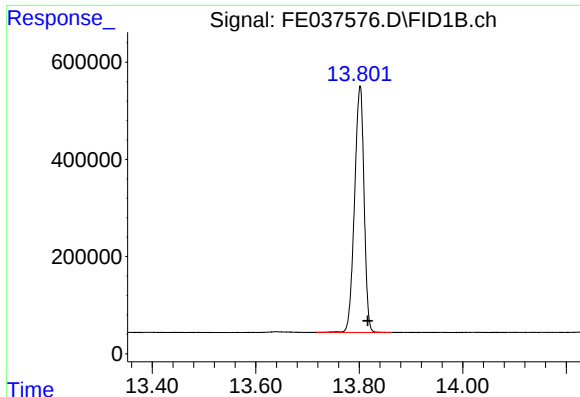
#11 n-Heneicosane (C21)

R.T.: 13.218 min
Delta R.T.: -0.017 min
Response: 6557071
Conc: 41.58 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.050 min
Delta R.T.: -0.019 min
Response: 3430742
Conc: 26.66 ug/ml



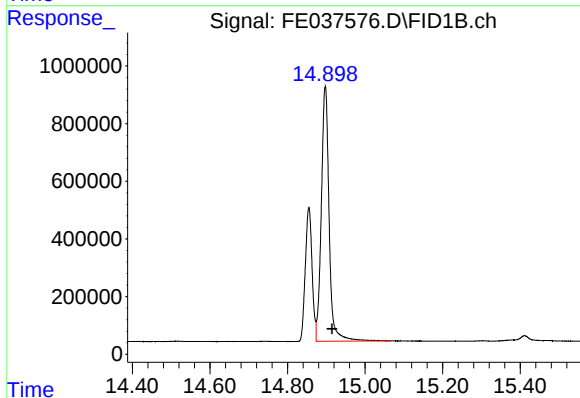
#13 n-Docosane (C22)

R.T.: 13.802 min
Delta R.T.: -0.015 min
Response: 6474432
Conc: 41.59 ug/ml

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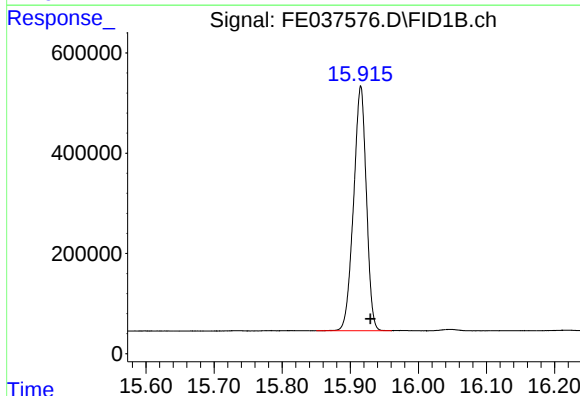
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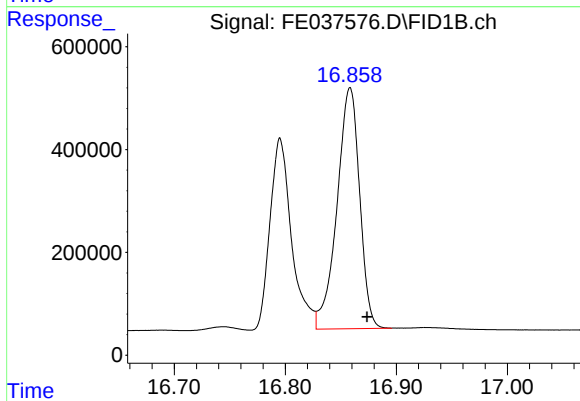
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.017 min
Response: 12373545
Conc: 82.27 ug/ml



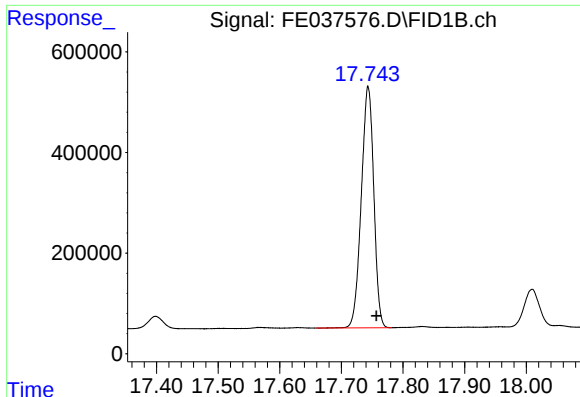
#15 n-Hexacosane (C26)

R.T.: 15.915 min
Delta R.T.: -0.014 min
Response: 6362535
Conc: 43.94 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.858 min
Delta R.T.: -0.015 min
Response: 6643063
Conc: 47.95 ug/ml



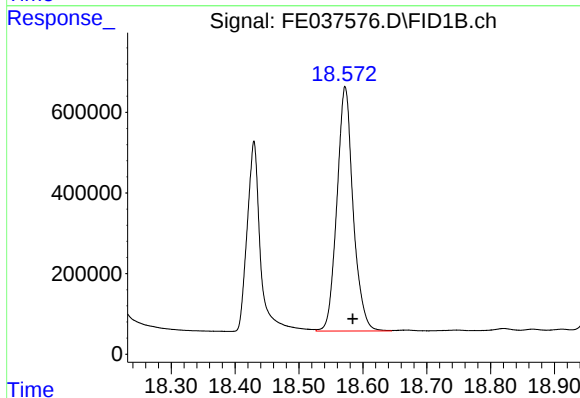
#17 n-Tricontane (C30)

R.T.: 17.743 min
Delta R.T.: -0.013 min
Response: 6753491
Conc: 49.65 ug/ml

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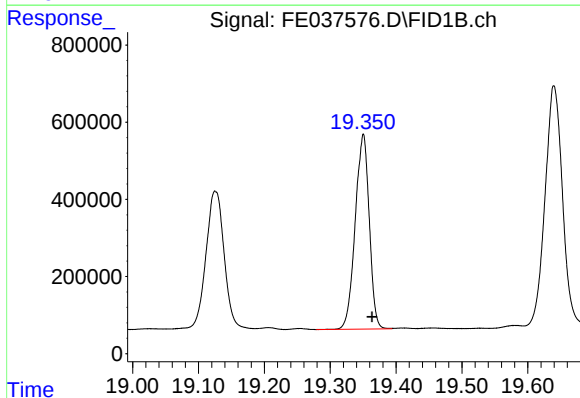
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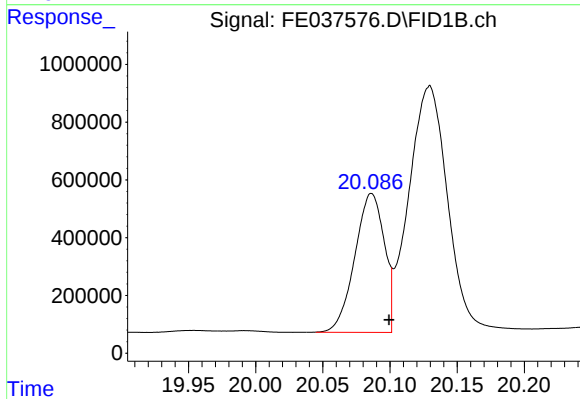
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.012 min
Response: 10691773
Conc: 80.07 ug/ml



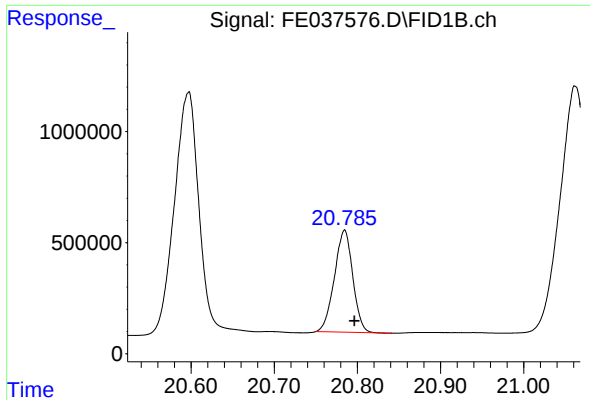
#19 n-Tetratriacontane (C34)

R.T.: 19.350 min
Delta R.T.: -0.013 min
Response: 7479210
Conc: 59.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.086 min
Delta R.T.: -0.014 min
Response: 7351127
Conc: 57.16 ug/ml m



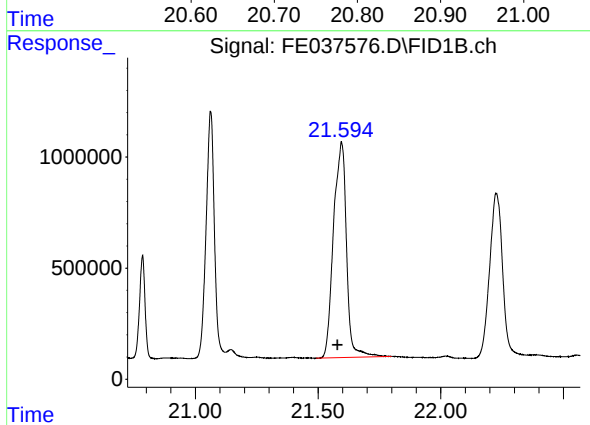
#21 n-Octatriacontane (C38)

R.T.: 20.785 min
Delta R.T.: -0.012 min
Response: 7040271
Conc: 56.57 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.596 min
Delta R.T.: 0.017 min
Response: 35621371
Conc: 276.32 ug/ml