

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE092222AL\
 Data File : FE037727.D
 Signal(s) : FID1B.ch
 Acq On : 22 Sep 2022 12:55
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 09/23/2022
 Supervised By :Ankita Jodhani 09/23/2022

Integration File: autoint1.e
 Quant Time: Sep 23 03:43:03 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)	11.624	3372095	19.954 ug/ml
Spiked Amount 50.000		Recovery =	39.91%
12) S 1-chlorooctadecane (S...	13.049	2602153	20.219 ug/ml
Spiked Amount 50.000		Recovery =	40.44%
Target Compounds			
1) T n-Nonane (C9)	3.010	3218386	21.034 ug/mlm
2) T n-Decane (C10)	4.269	3276641	21.253 ug/ml
3) T A~Naphthalene (C11.7)	5.985	3410686	23.674 ug/ml
4) T n-Dodecane (C12)	6.444	3326580	21.037 ug/ml
5) T A~2-methylnaphthalene...	7.081	3368639	24.128 ug/ml
6) T n-Tetradecane (C14)	9.867	3294474	20.791 ug/ml
7) T n-Hexadecane (C16)	9.867	3294474	20.791 ug/ml
8) T n-Octadecane (C18)	11.303	3389402	21.284 ug/ml
10) T n-Eicosane (C20)	12.607	3261643	20.614 ug/ml
11) T n-Heneicosane (C21)	13.215	3220927	20.426 ug/ml
13) T n-Docosane (C22)	13.799	3150400	20.238 ug/ml
14) T n-Tetracosane (C24)	14.897	3239691	21.540 ug/ml
15) T n-Hexacosane (C26)	15.913	3002920	20.738 ug/ml
16) T n-Octacosane (C28)	16.859	2944152	21.252 ug/ml
17) T n-Tricontane (C30)	17.742	2962659	21.779 ug/ml
18) T n-Dotriacontane (C32)	18.572	2974196	22.273 ug/ml
19) T n-Tetratriacontane (C34)	19.352	2781677	21.985 ug/ml
20) T n-Hexatriacontane (C36)	20.089	2854710	22.196 ug/ml
21) T n-Octatriacontane (C38)	20.787	2804035	22.530 ug/ml
22) T n-Tetracontane (C40)	21.566	2569837	19.934 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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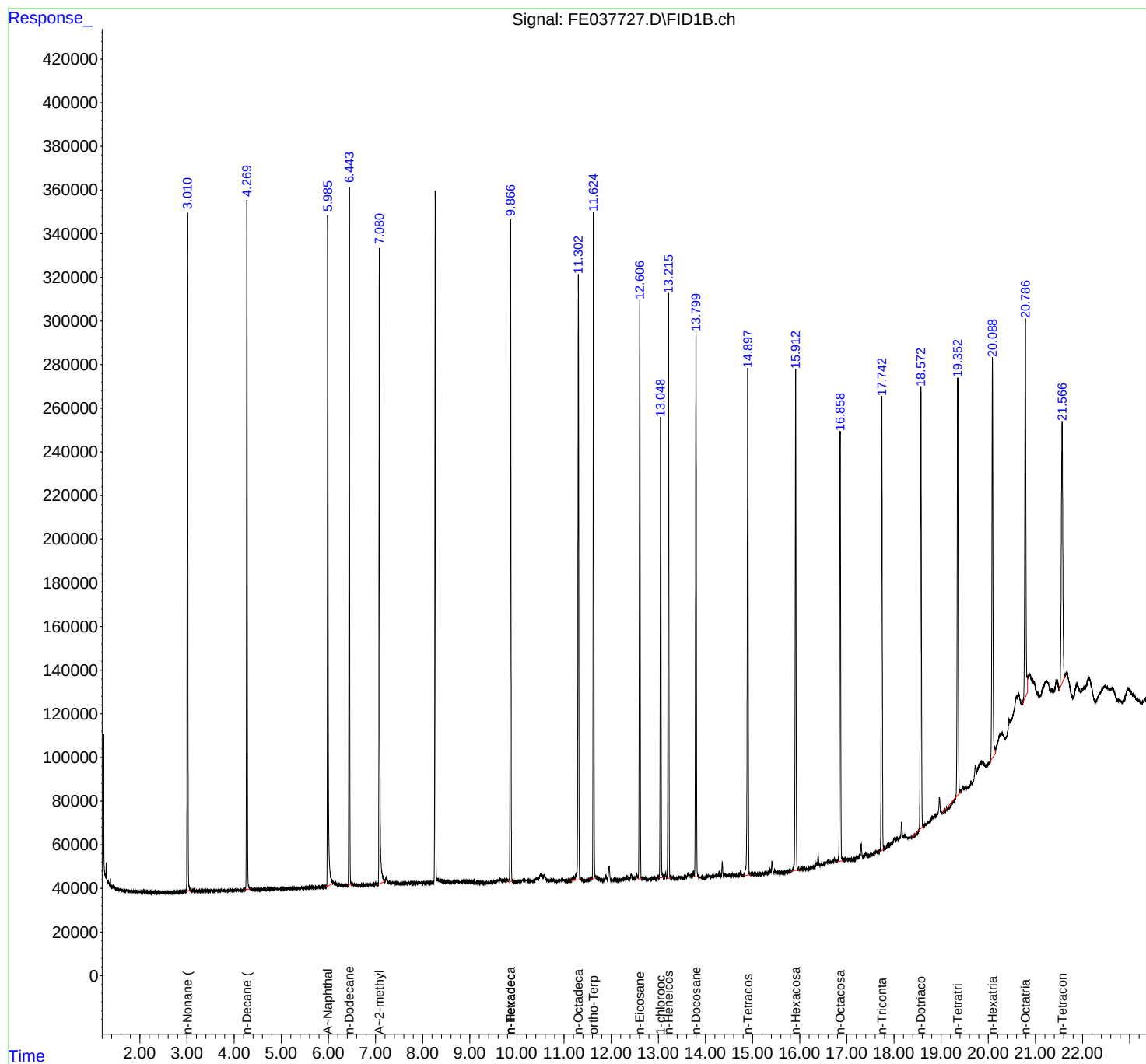
Instrument :
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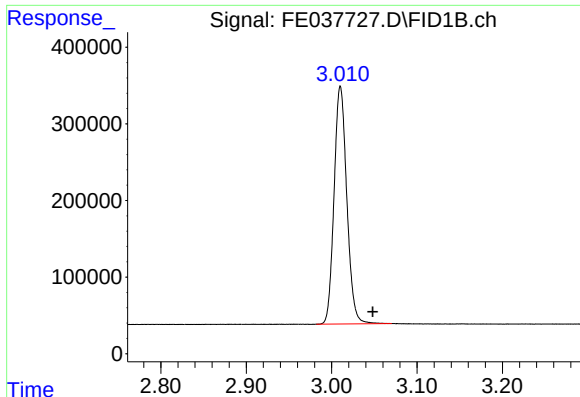
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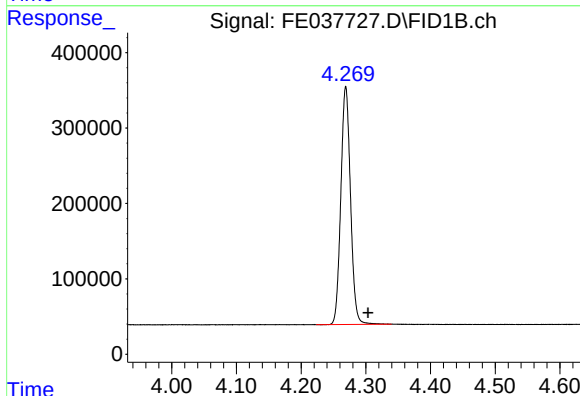
#1 n-Nonane (C9)

R.T.: 3.010 min
Delta R.T.: -0.038 min
Response: 3218386
Conc: 21.03 ug/ml

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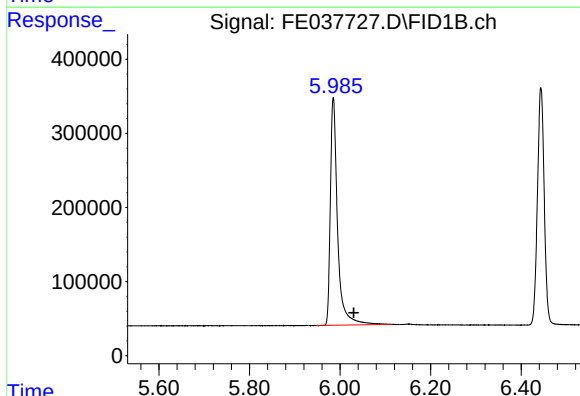
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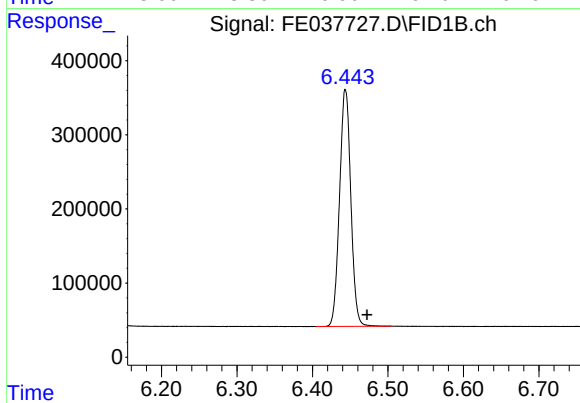
#2 n-Decane (C10)

R.T.: 4.269 min
Delta R.T.: -0.034 min
Response: 3276641
Conc: 21.25 ug/ml



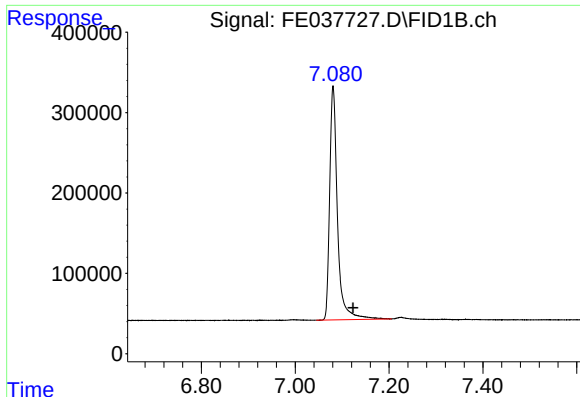
#3 A~Naphthalene (C11.7)

R.T.: 5.985 min
Delta R.T.: -0.045 min
Response: 3410686
Conc: 23.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.444 min
Delta R.T.: -0.029 min
Response: 3326580
Conc: 21.04 ug/ml



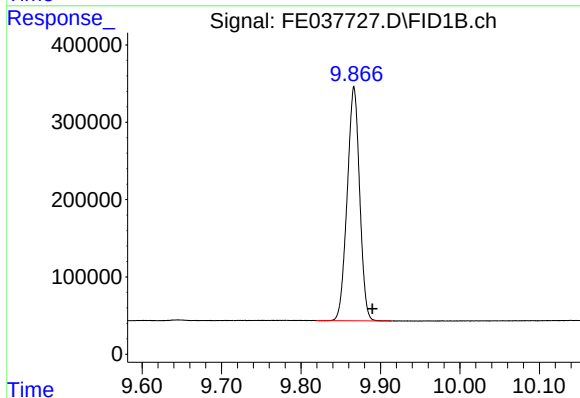
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.081 min
Delta R.T.: -0.043 min
Response: 3368639
Conc: 24.13 ug/ml

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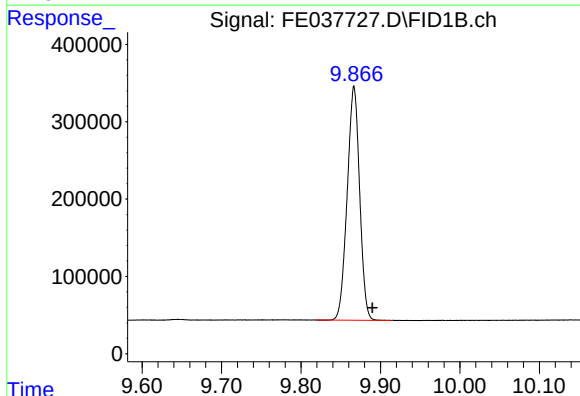
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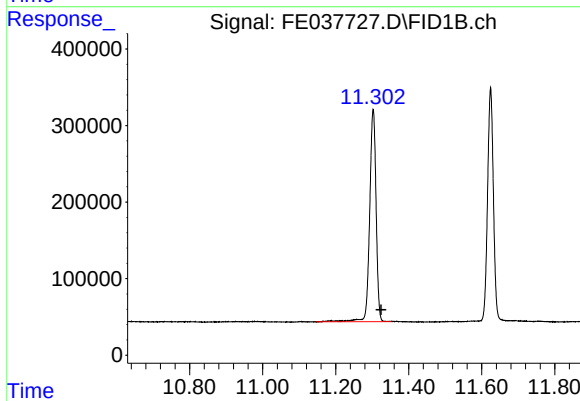
#6 n-Tetradecane (C14)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3294474
Conc: 20.79 ug/ml



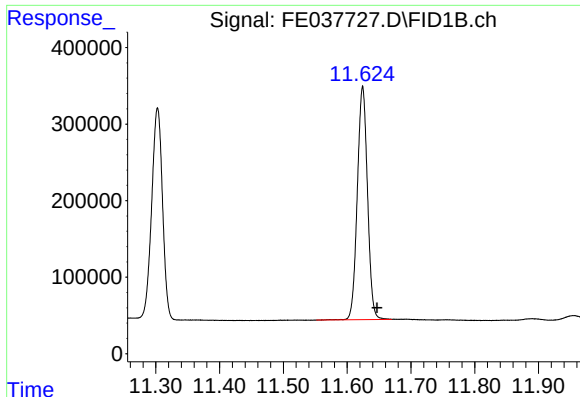
#7 n-Hexadecane (C16)

R.T.: 9.867 min
Delta R.T.: -0.023 min
Response: 3294474
Conc: 20.79 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.303 min
Delta R.T.: -0.021 min
Response: 3389402
Conc: 21.28 ug/ml



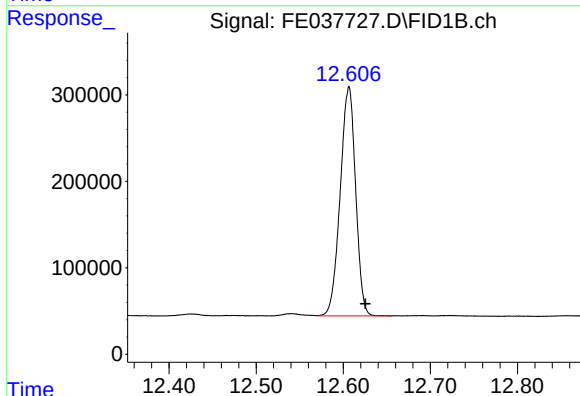
#9 ortho-Terphenyl (SURR)

R.T.: 11.624 min
Delta R.T.: -0.023 min
Response: 3372095
Conc: 19.95 ug/ml

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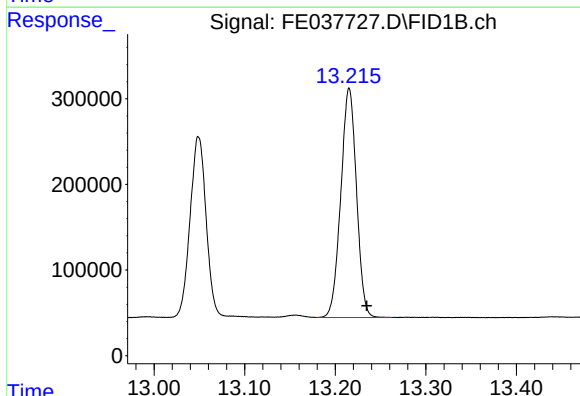
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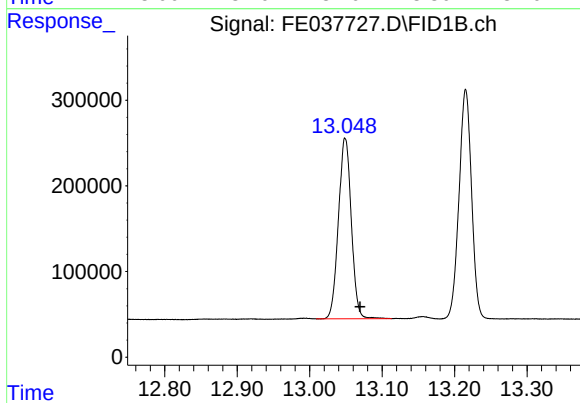
#10 n-Eicosane (C20)

R.T.: 12.607 min
Delta R.T.: -0.019 min
Response: 3261643
Conc: 20.61 ug/ml



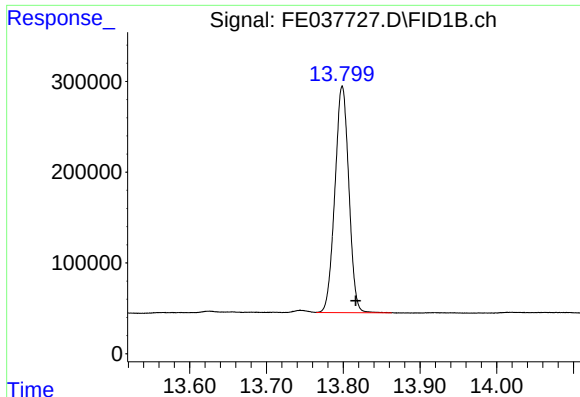
#11 n-Heneicosane (C21)

R.T.: 13.215 min
Delta R.T.: -0.019 min
Response: 3220927
Conc: 20.43 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.049 min
Delta R.T.: -0.021 min
Response: 2602153
Conc: 20.22 ug/ml



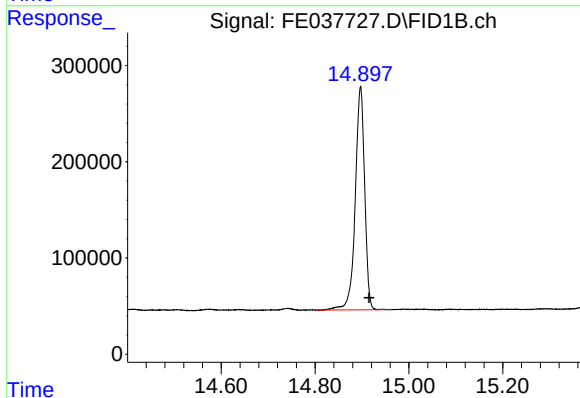
#13 n-Docosane (C22)

R.T.: 13.799 min
Delta R.T.: -0.018 min
Response: 3150400
Conc: 20.24 ug/ml

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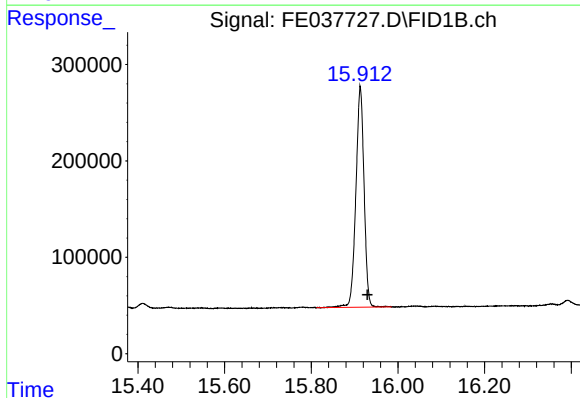
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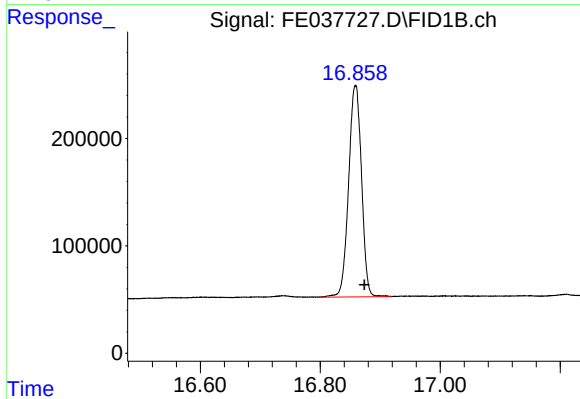
#14 n-Tetracosane (C24)

R.T.: 14.897 min
Delta R.T.: -0.018 min
Response: 3239691
Conc: 21.54 ug/ml



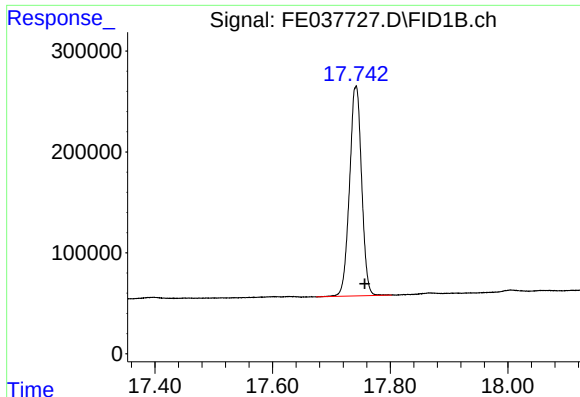
#15 n-Hexacosane (C26)

R.T.: 15.913 min
Delta R.T.: -0.016 min
Response: 3002920
Conc: 20.74 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.859 min
Delta R.T.: -0.015 min
Response: 2944152
Conc: 21.25 ug/ml



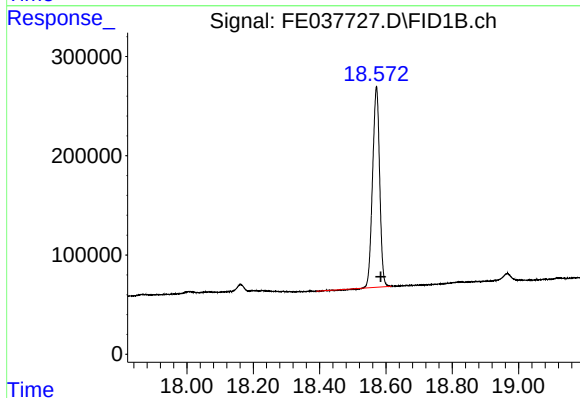
#17 n-Tricontane (C30)

R.T.: 17.742 min
Delta R.T.: -0.015 min
Response: 2962659
Conc: 21.78 ug/ml

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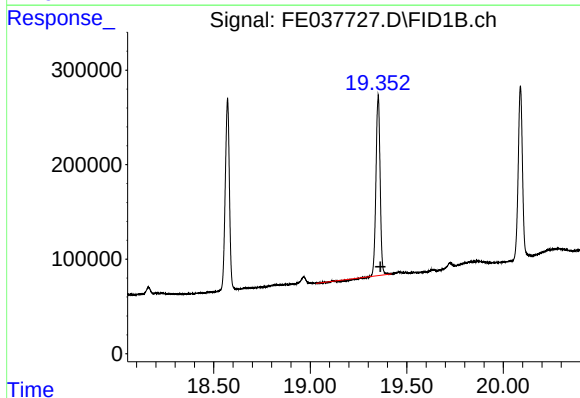
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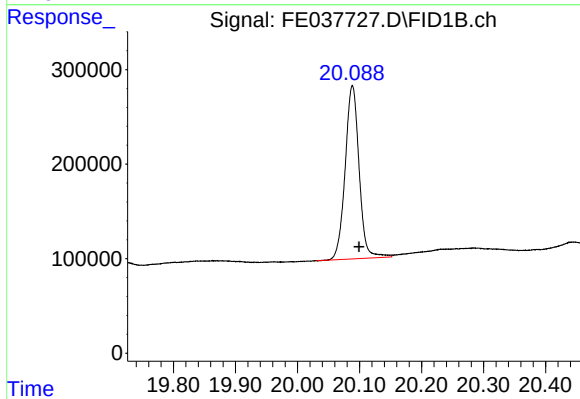
#18 n-Dotriacontane (C32)

R.T.: 18.572 min
Delta R.T.: -0.013 min
Response: 2974196
Conc: 22.27 ug/ml



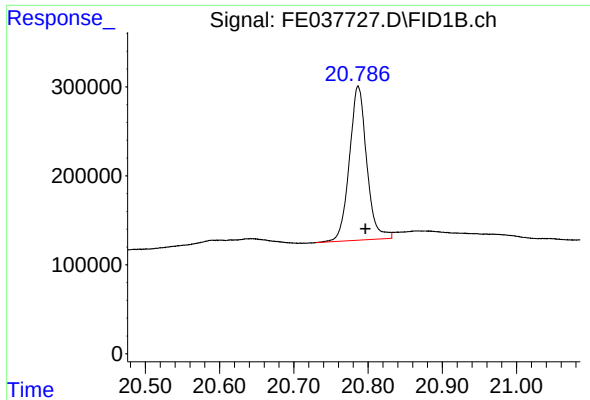
#19 n-Tetratriacontane (C34)

R.T.: 19.352 min
Delta R.T.: -0.011 min
Response: 2781677
Conc: 21.98 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.089 min
Delta R.T.: -0.011 min
Response: 2854710
Conc: 22.20 ug/ml



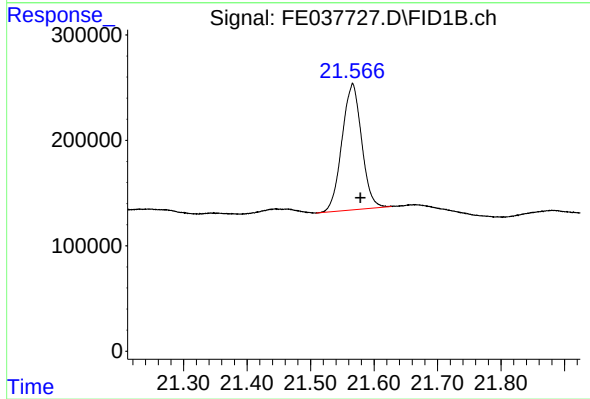
#21 n-Octatriacontane (C38)

R.T.: 20.787 min
Delta R.T.: -0.010 min
Response: 2804035
Conc: 22.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.566 min
Delta R.T.: -0.012 min
Response: 2569837
Conc: 19.93 ug/ml m