

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE082422AL\
 Data File : FE037241.D
 Signal(s) : FID1B.ch
 Acq On : 25 Aug 2022 01:11
 Operator : YP\AJ
 Sample : 20 PPM ALIPHATIC HC STD
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 20 PPM ALIPHATIC HC STD

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 02:01:14 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	3327483	19.254 ug/ml
Spiked Amount 50.000		Recovery =	38.51%
12) S 1-chlorooctadecane (S...	13.090	2588068	18.942 ug/ml
Spiked Amount 50.000		Recovery =	37.88%
Target Compounds			
1) T n-Nonane (C9)	3.062	3050004	20.473 ug/ml
2) T n-Decane (C10)	4.318	3099639	20.693 ug/ml
3) T A~Naphthalene (C11.7)	6.036	3055080	21.104 ug/ml
4) T n-Dodecane (C12)	6.488	3161509	20.451 ug/ml
5) T A~2-methylnaphthalene...	7.128	3008255	21.745 ug/ml
6) T n-Tetradecane (C14)	9.908	3167364	20.138 ug/ml
7) T n-Hexadecane (C16)	9.908	3167364	20.138 ug/ml
8) T n-Octadecane (C18)	11.344	3167830	19.656 ug/ml
10) T n-Eicosane (C20)	12.646	3121837	18.960 ug/ml
11) T n-Heneicosane (C21)	13.255	3094997	18.711 ug/ml
13) T n-Docosane (C22)	13.839	3045382	18.332 ug/ml
14) T n-Tetracosane (C24)	14.936	2922986	17.707 ug/ml
15) T n-Hexacosane (C26)	15.950	2800023	17.173 ug/ml
16) T n-Octacosane (C28)	16.896	2681837	16.890 ug/ml
17) T n-Tricontane (C30)	17.779	2666508	17.168 ug/ml
18) T n-Dotriacontane (C32)	18.607	2669767	17.898 ug/ml
19) T n-Tetratriacontane (C34)	19.388	2568044	19.113 ug/ml
20) T n-Hexatriacontane (C36)	20.124	2640857	20.571 ug/ml
21) T n-Octatriacontane (C38)	20.822	2701129	22.500 ug/ml
22) T n-Tetracontane (C40)	21.614	2532513	20.968 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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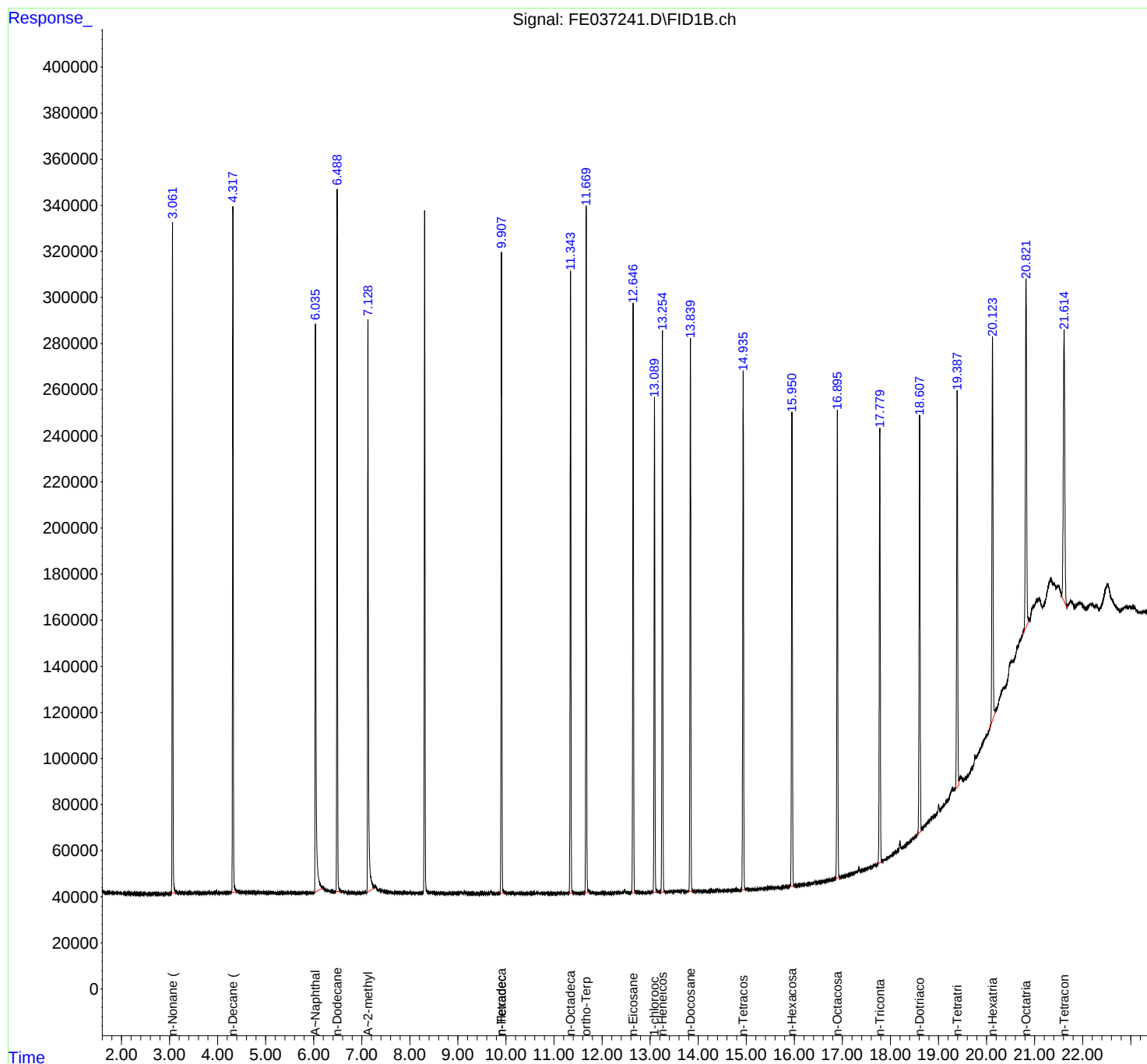
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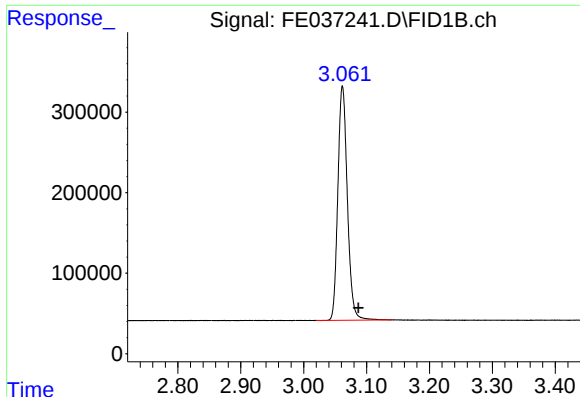
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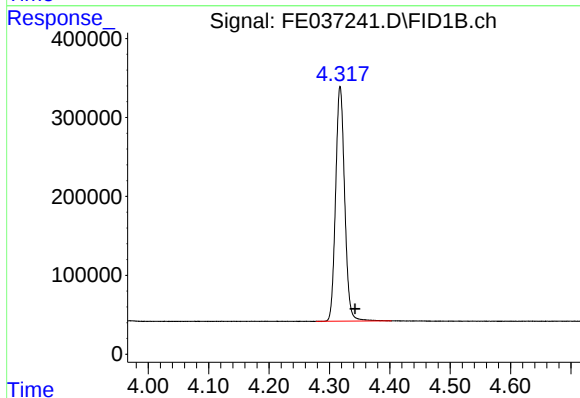
#1 n-Nonane (C9)

R.T.: 3.062 min
Delta R.T.: -0.025 min
Response: 3050004
Conc: 20.47 ug/ml

Instrument :
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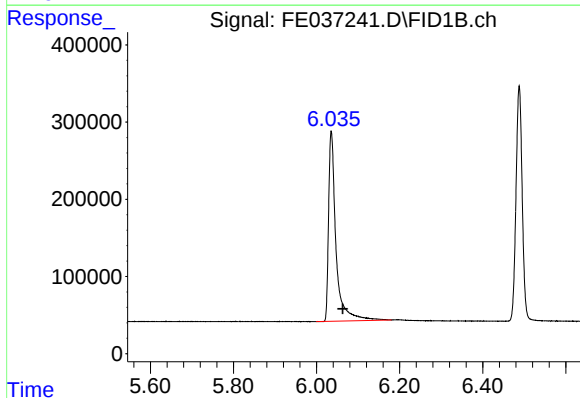
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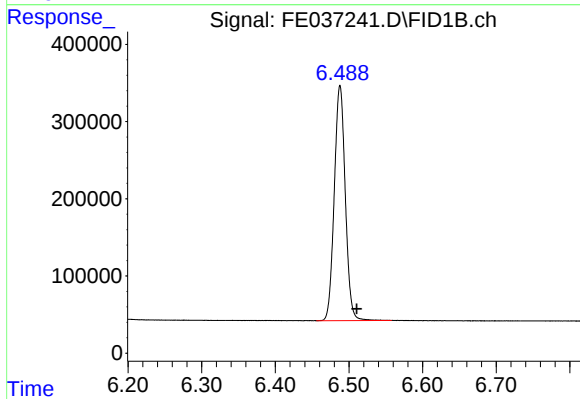
#2 n-Decane (C10)

R.T.: 4.318 min
Delta R.T.: -0.024 min
Response: 3099639
Conc: 20.69 ug/ml



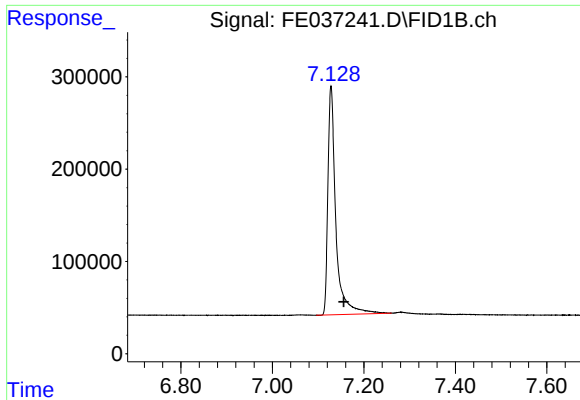
#3 A~Naphthalene (C11.7)

R.T.: 6.036 min
Delta R.T.: -0.027 min
Response: 3055080
Conc: 21.10 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.488 min
Delta R.T.: -0.023 min
Response: 3161509
Conc: 20.45 ug/ml



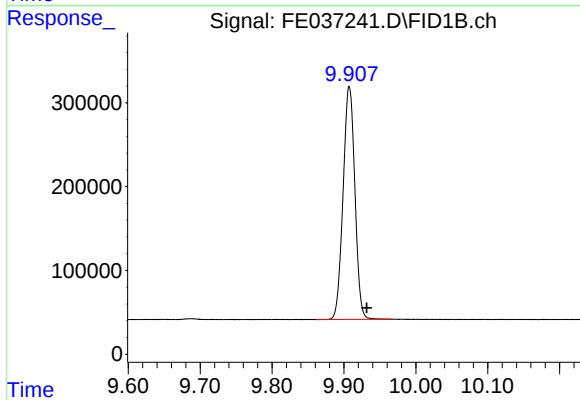
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.128 min
Delta R.T.: -0.028 min
Response: 3008255
Conc: 21.75 ug/ml

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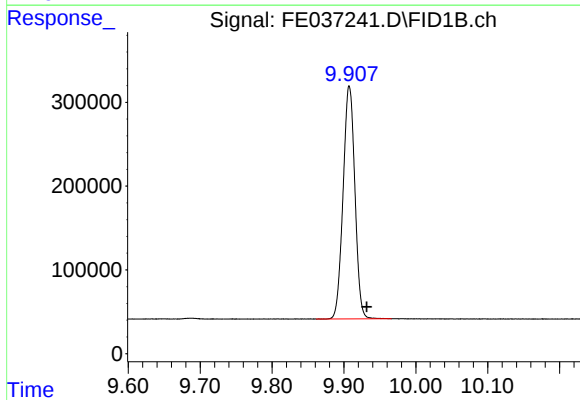
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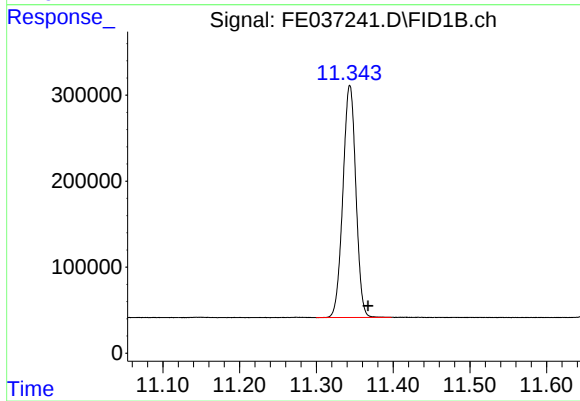
#6 n-Tetradecane (C14)

R.T.: 9.908 min
Delta R.T.: -0.024 min
Response: 3167364
Conc: 20.14 ug/ml



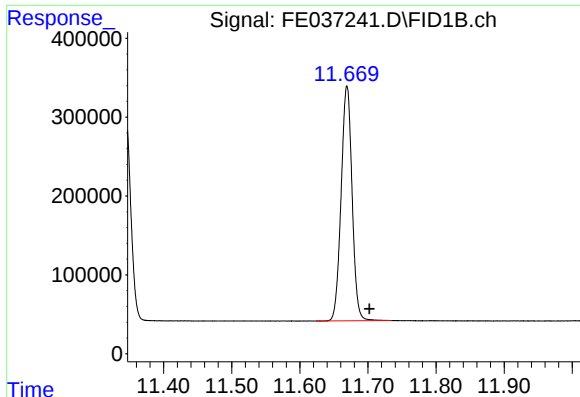
#7 n-Hexadecane (C16)

R.T.: 9.908 min
Delta R.T.: -0.024 min
Response: 3167364
Conc: 20.14 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.344 min
Delta R.T.: -0.024 min
Response: 3167830
Conc: 19.66 ug/ml



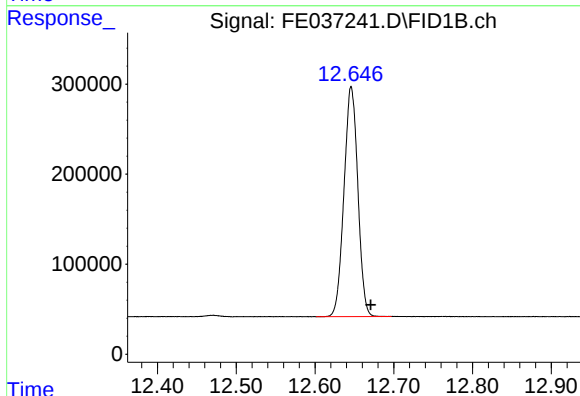
#9 ortho-Terphenyl (SURR)

R.T.: 11.669 min
Delta R.T.: -0.033 min
Response: 3327483
Conc: 19.25 ug/ml

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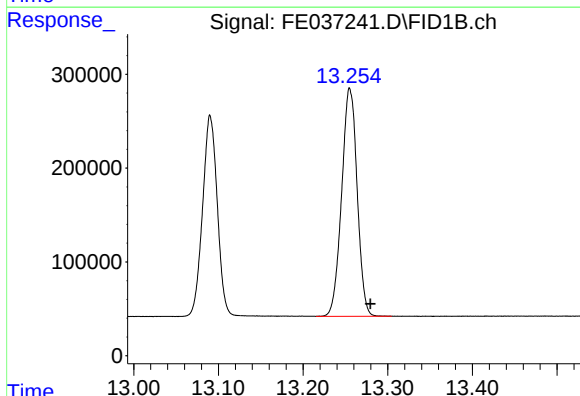
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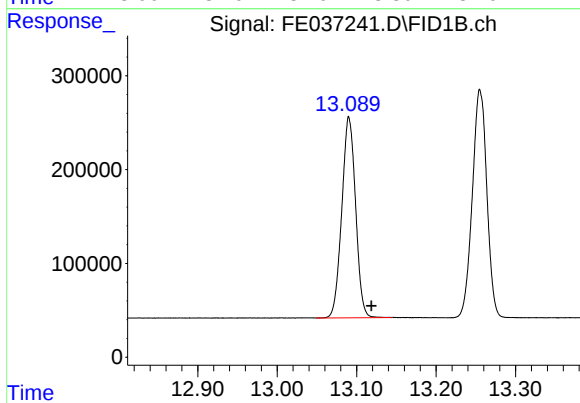
#10 n-Eicosane (C20)

R.T.: 12.646 min
Delta R.T.: -0.025 min
Response: 3121837
Conc: 18.96 ug/ml



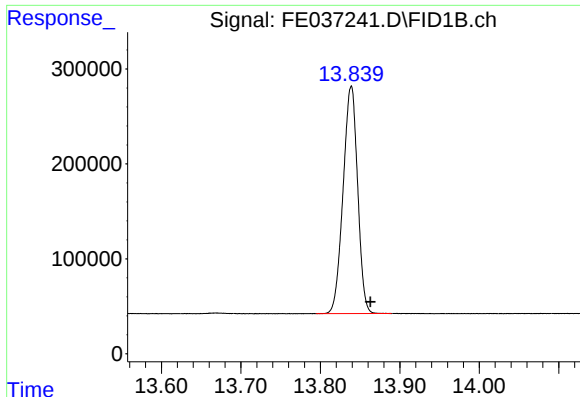
#11 n-Heneicosane (C21)

R.T.: 13.255 min
Delta R.T.: -0.025 min
Response: 3094997
Conc: 18.71 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.090 min
Delta R.T.: -0.028 min
Response: 2588068
Conc: 18.94 ug/ml



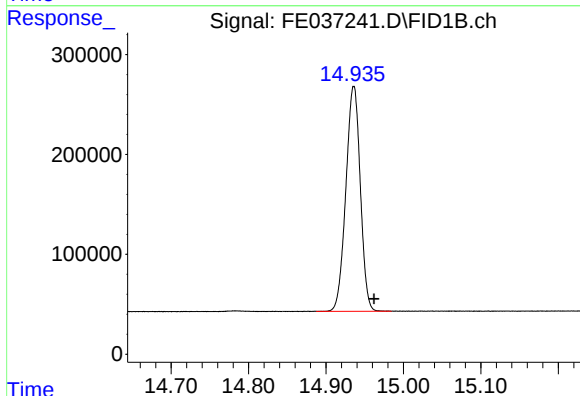
#13 n-Docosane (C22)

R.T.: 13.839 min
Delta R.T.: -0.024 min
Response: 3045382
Conc: 18.33 ug/ml

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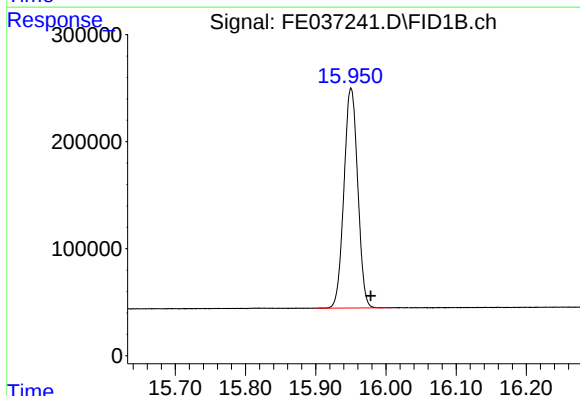
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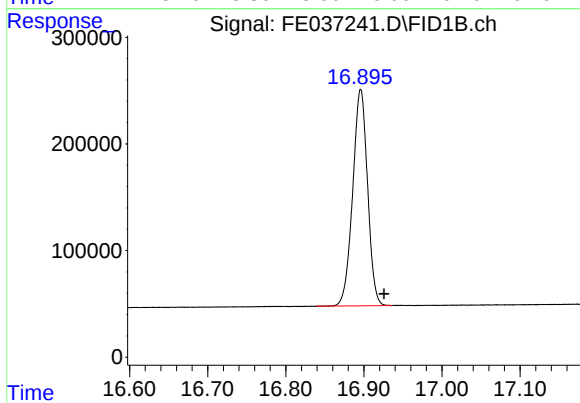
#14 n-Tetracosane (C24)

R.T.: 14.936 min
Delta R.T.: -0.026 min
Response: 2922986
Conc: 17.71 ug/ml



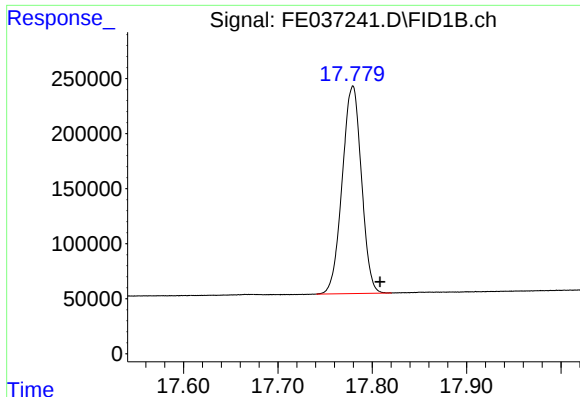
#15 n-Hexacosane (C26)

R.T.: 15.950 min
Delta R.T.: -0.028 min
Response: 2800023
Conc: 17.17 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.896 min
Delta R.T.: -0.030 min
Response: 2681837
Conc: 16.89 ug/ml



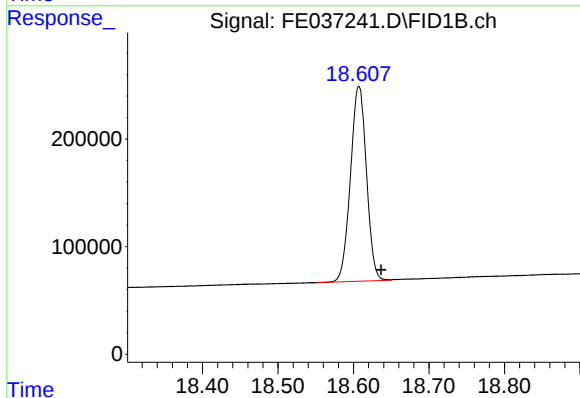
#17 n-Tricontane (C30)

R.T.: 17.779 min
Delta R.T.: -0.029 min
Response: 2666508
Conc: 17.17 ug/ml

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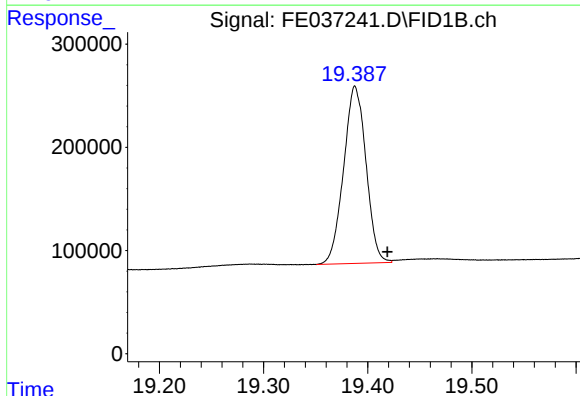
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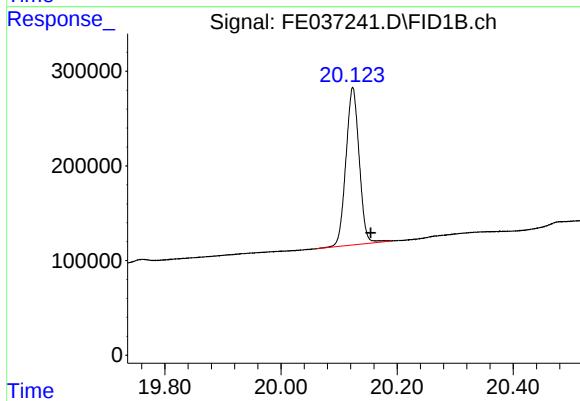
#18 n-Dotriacontane (C32)

R.T.: 18.607 min
Delta R.T.: -0.029 min
Response: 2669767
Conc: 17.90 ug/ml



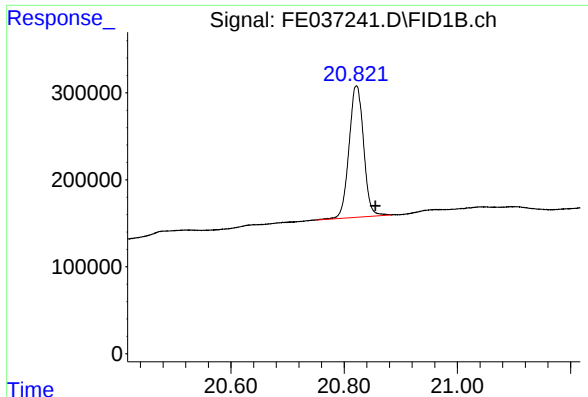
#19 n-Tetratriacontane (C34)

R.T.: 19.388 min
Delta R.T.: -0.031 min
Response: 2568044
Conc: 19.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.124 min
Delta R.T.: -0.031 min
Response: 2640857
Conc: 20.57 ug/ml



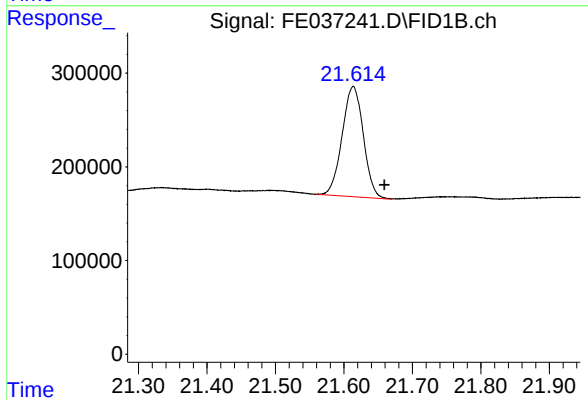
#21 n-Octatriacontane (C38)

R.T.: 20.822 min
Delta R.T.: -0.033 min
Response: 2701129
Conc: 22.50 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.614 min
Delta R.T.: -0.045 min
Response: 2532513
Conc: 20.97 ug/ml m