

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE071523AL\
 Data File : FE043245.D
 Signal(s) : FID1B.ch
 Acq On : 15 Jul 2023 00:13
 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 07/17/2023
 Supervised By :Ankita Jodhani 07/17/2023

Integration File: autoint1.e
 Quant Time: Jul 15 02:01:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 071323.M
 Quant Title : GC Extractables
 QLast Update : Thu Jul 13 03:02:53 2023
 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)	11.902	3585092	20.021 ug/ml
Spiked Amount 50.000		Recovery =	40.04%
12) S 1-chlorooctadecane (S...	13.339	2654621	20.203 ug/ml
Spiked Amount 50.000		Recovery =	40.41%
Target Compounds			
1) T n-Nonane (C9)	3.278	3092549	20.255 ug/ml
2) T n-Decane (C10)	4.531	3183587	20.421 ug/ml
3) T A~Naphthalene (C11.7)	6.243	3330698	20.699 ug/ml
4) T n-Dodecane (C12)	6.702	3207618	20.356 ug/ml
5) T A~2-methylnaphthalene...	7.340	3162821	20.844 ug/ml
6) T n-Tetradecane (C14)	8.532	3184662	20.135 ug/ml
7) T n-Hexadecane (C16)	10.140	3262543	20.160 ug/ml
8) T n-Octadecane (C18)	11.583	3268465	20.050 ug/ml
10) T n-Eicosane (C20)	12.893	3110625	20.021 ug/ml
11) T n-Heneicosane (C21)	13.504	3024594	19.964 ug/ml
13) T n-Docosane (C22)	14.091	2982170	19.954 ug/ml
14) T n-Tetracosane (C24)	15.194	2935719	19.990 ug/ml
15) T n-Hexacosane (C26)	16.216	2832544	19.887 ug/ml
16) T n-Octacosane (C28)	17.165	2777544	19.740 ug/ml
17) T n-Tricontane (C30)	18.054	2880151	19.551 ug/ml
18) T n-Dotriacontane (C32)	18.888	2901519	19.581 ug/ml
19) T n-Tetratriacontane (C34)	19.670	3067051	21.252 ug/ml
20) T n-Hexatriacontane (C36)	20.409	2853560	19.415 ug/ml
21) T n-Octatriacontane (C38)	21.149	2785280	19.525 ug/ml
22) T n-Tetracontane (C40)	22.061	3718251	25.194 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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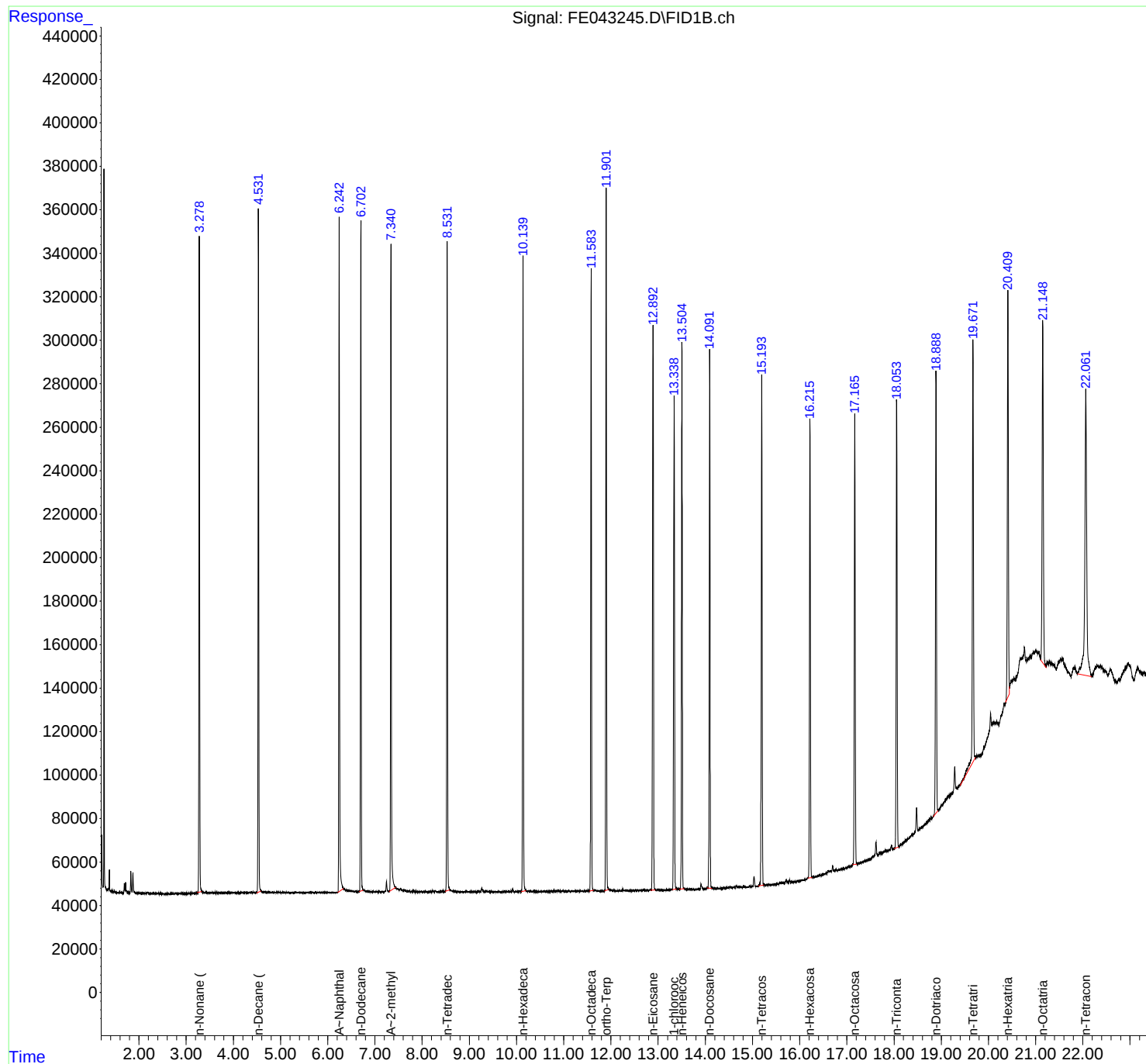
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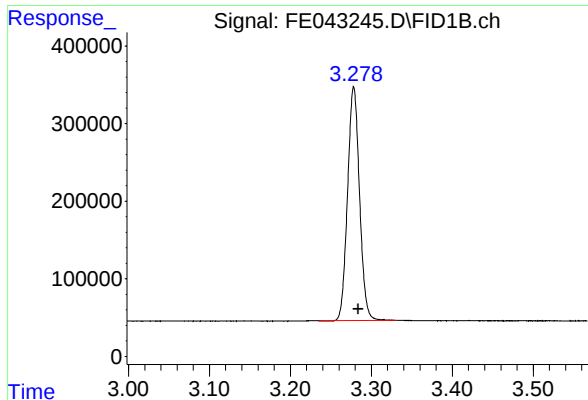
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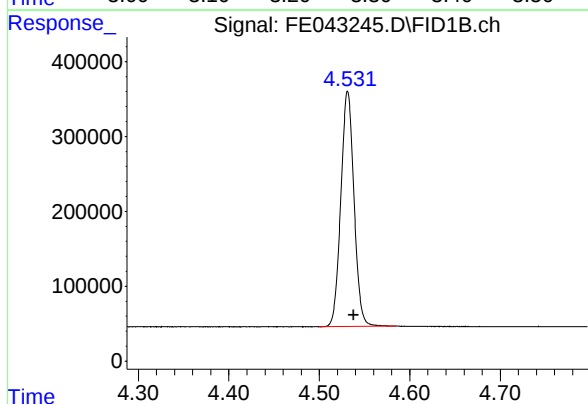
#1 n-Nonane (C9)

R.T.: 3.278 min
Delta R.T.: -0.006 min
Response: 3092549
Conc: 20.25 ug/ml

Instrument :
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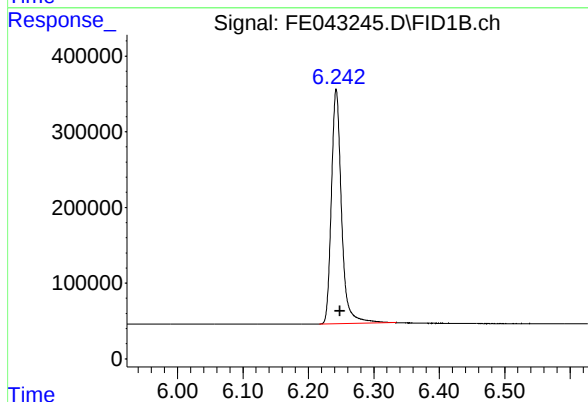
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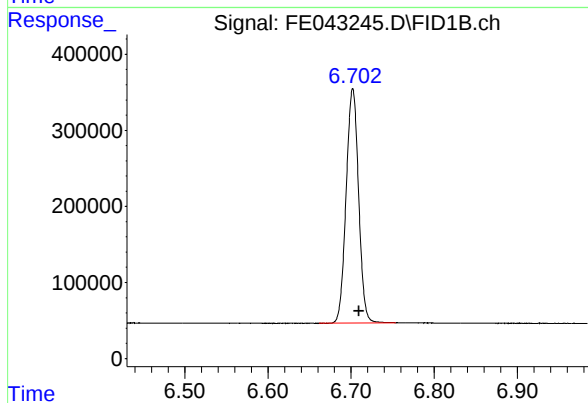
#2 n-Decane (C10)

R.T.: 4.531 min
Delta R.T.: -0.006 min
Response: 3183587
Conc: 20.42 ug/ml



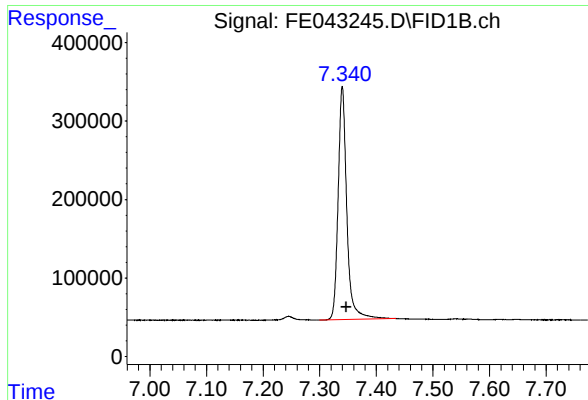
#3 A~Naphthalene (C11.7)

R.T.: 6.243 min
Delta R.T.: -0.005 min
Response: 3330698
Conc: 20.70 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.702 min
Delta R.T.: -0.007 min
Response: 3207618
Conc: 20.36 ug/ml



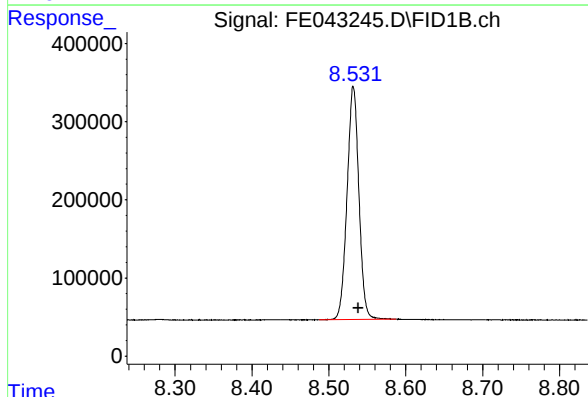
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.340 min
Delta R.T.: -0.007 min
Response: 3162821
Conc: 20.84 ug/ml

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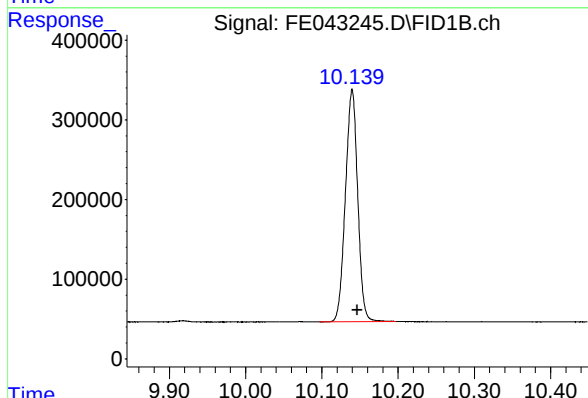
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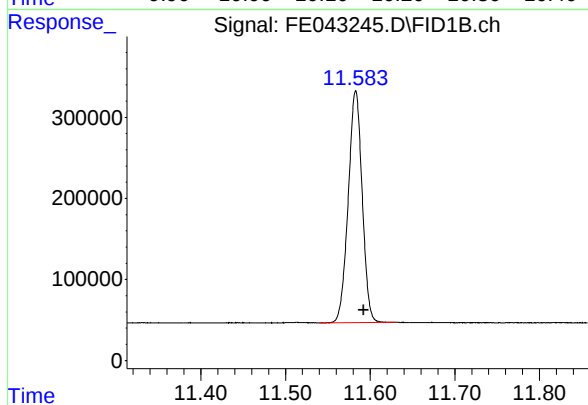
#6 n-Tetradecane (C14)

R.T.: 8.532 min
Delta R.T.: -0.007 min
Response: 3184662
Conc: 20.13 ug/ml



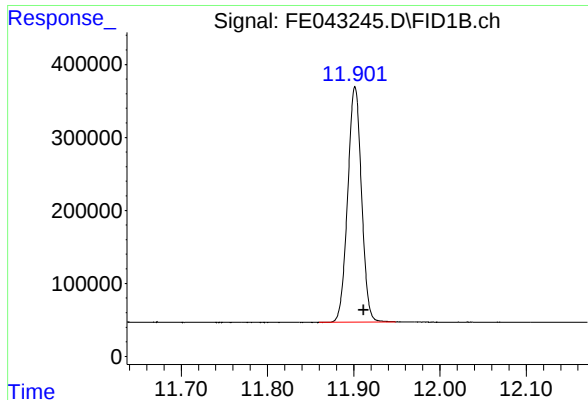
#7 n-Hexadecane (C16)

R.T.: 10.140 min
Delta R.T.: -0.007 min
Response: 3262543
Conc: 20.16 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.583 min
Delta R.T.: -0.009 min
Response: 3268465
Conc: 20.05 ug/ml



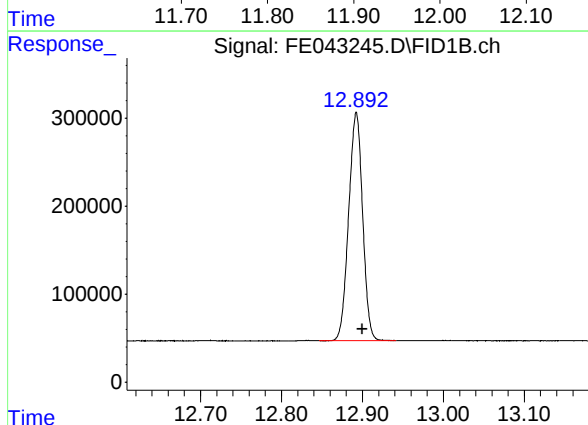
#9 ortho-Terphenyl (SURR)

R.T.: 11.902 min
Delta R.T.: -0.010 min
Response: 3585092
Conc: 20.02 ug/ml

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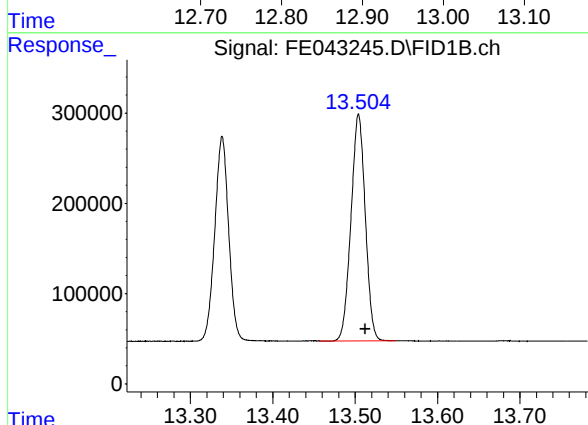
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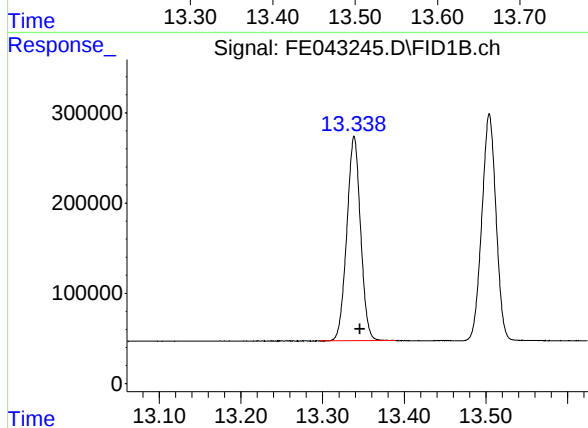
#10 n-Eicosane (C20)

R.T.: 12.893 min
Delta R.T.: -0.007 min
Response: 3110625
Conc: 20.02 ug/ml



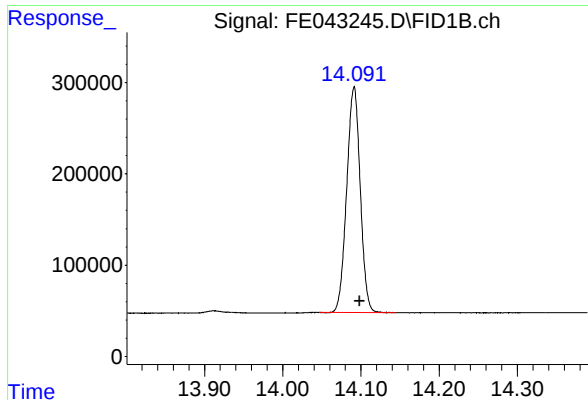
#11 n-Heneicosane (C21)

R.T.: 13.504 min
Delta R.T.: -0.008 min
Response: 3024594
Conc: 19.96 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.339 min
Delta R.T.: -0.007 min
Response: 2654621
Conc: 20.20 ug/ml



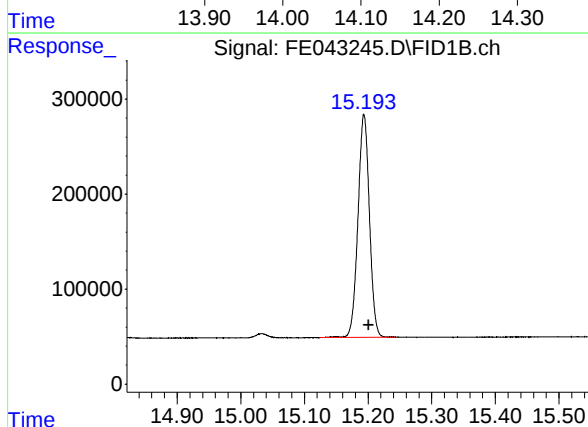
#13 n-Docosane (C22)

R.T.: 14.091 min
Delta R.T.: -0.007 min
Response: 2982170
Conc: 19.95 ug/ml

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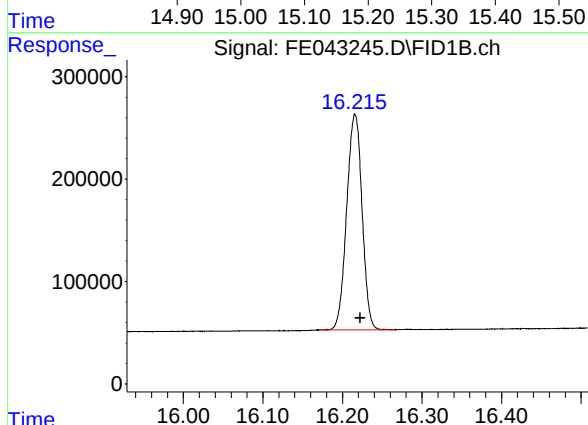
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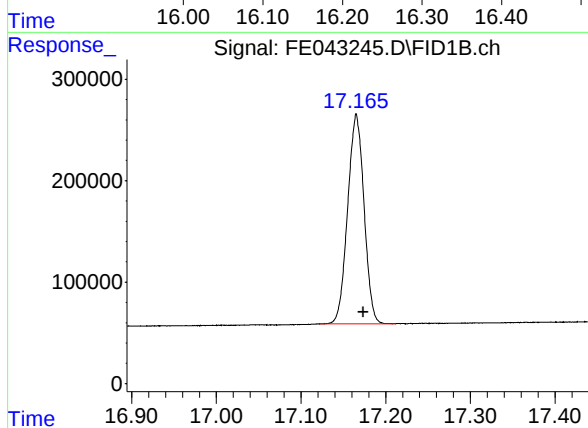
#14 n-Tetracosane (C24)

R.T.: 15.194 min
Delta R.T.: -0.007 min
Response: 2935719
Conc: 19.99 ug/ml



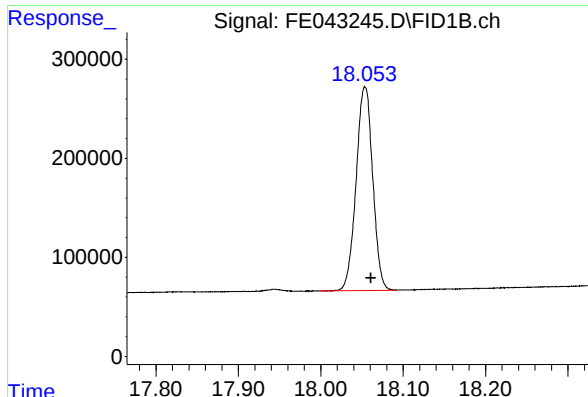
#15 n-Hexacosane (C26)

R.T.: 16.216 min
Delta R.T.: -0.007 min
Response: 2832544
Conc: 19.89 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.165 min
Delta R.T.: -0.008 min
Response: 2777544
Conc: 19.74 ug/ml



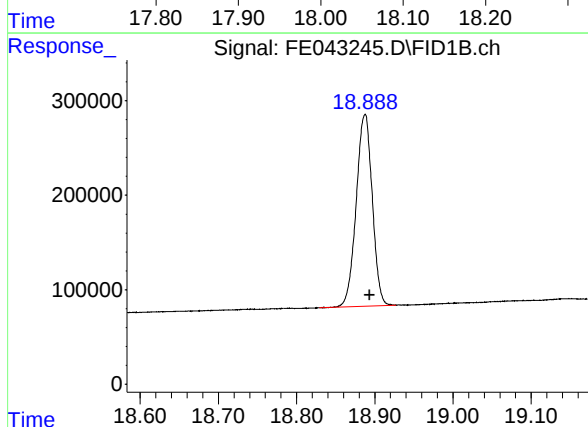
#17 n-Tricontane (C30)

R.T.: 18.054 min
Delta R.T.: -0.007 min
Response: 2880151
Conc: 19.55 ug/ml

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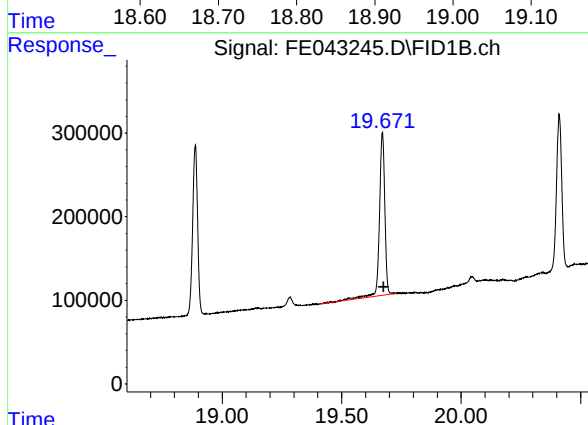
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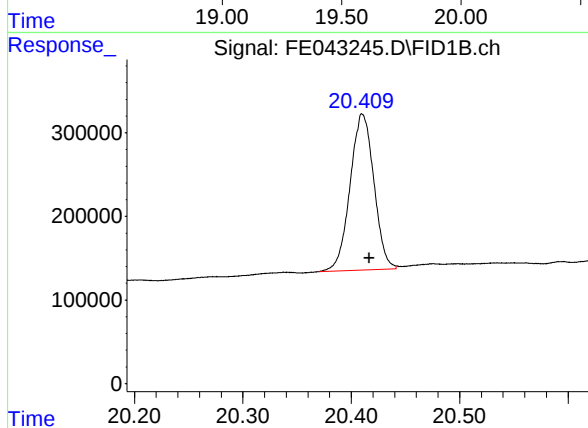
#18 n-Dotriacontane (C32)

R.T.: 18.888 min
Delta R.T.: -0.006 min
Response: 2901519
Conc: 19.58 ug/ml



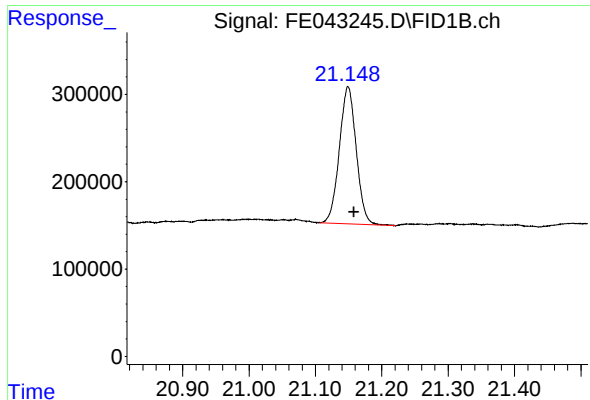
#19 n-Tetatriacontane (C34)

R.T.: 19.670 min
Delta R.T.: -0.005 min
Response: 3067051
Conc: 21.25 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.409 min
Delta R.T.: -0.007 min
Response: 2853560
Conc: 19.41 ug/ml m



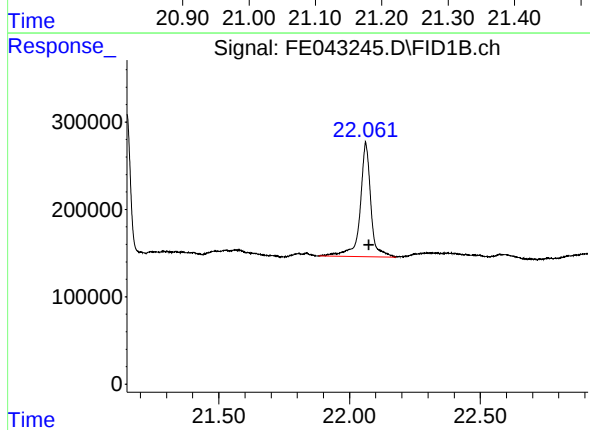
#21 n-Octatriacontane (C38)

R.T.: 21.149 min
Delta R.T.: -0.009 min
Response: 2785280
Conc: 19.53 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.061 min
Delta R.T.: -0.013 min
Response: 3718251
Conc: 25.19 ug/ml