

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE080823AL\
 Data File : FE043818.D
 Signal(s) : FID1B.ch
 Acq On : 08 Aug 2023 21:35
 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 08/09/2023
 Supervised By :Ankita Jodhani 08/09/2023

Integration File: sample.E
 Quant Time: Aug 09 02:01:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 080323.M
 Quant Title : GC Extractables
 QLast Update : Wed Aug 02 09:56:52 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)	11.944	3801026	18.445 ug/ml
Spiked Amount 50.000		Recovery =	36.89%
12) S 1-chlorooctadecane (S...	13.383	2839263	18.195 ug/ml
Spiked Amount 50.000		Recovery =	36.39%
Target Compounds			
1) T n-Nonane (C9)	3.329	3172863	19.648 ug/ml
2) T n-Decane (C10)	4.581	3252624	19.735 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3581754	19.672 ug/ml
4) T n-Dodecane (C12)	6.745	3309874	19.777 ug/ml
5) T A~2-methylnaphthalene...	7.377	3483538	19.567 ug/ml
6) T n-Tetradecane (C14)	8.573	3310233	19.647 ug/ml
7) T n-Hexadecane (C16)	10.182	3406843	19.313 ug/ml
8) T n-Octadecane (C18)	11.626	3429133	18.930 ug/ml
10) T n-Eicosane (C20)	12.938	3272787	18.494 ug/ml
11) T n-Heneicosane (C21)	13.552	3211137	18.136 ug/ml
13) T n-Docosane (C22)	14.138	3163675	18.037 ug/ml
14) T n-Tetracosane (C24)	15.243	3094597	17.613 ug/ml
15) T n-Hexacosane (C26)	16.265	2974091	17.208 ug/ml
16) T n-Octacosane (C28)	17.217	2838403	16.964 ug/ml
17) T n-Tricontane (C30)	18.105	2825721	17.061 ug/ml
18) T n-Dotriacontane (C32)	18.939	2746215	17.393 ug/ml
19) T n-Tetratriacontane (C34)	19.724	2648415	17.823 ug/mlm
20) T n-Hexatriacontane (C36)	20.466	2569311	18.381 ug/mlm
21) T n-Octatriacontane (C38)	21.209	2534811	19.001 ug/mlm
22) T n-Tetracontane (C40)	22.140	2688593	20.837 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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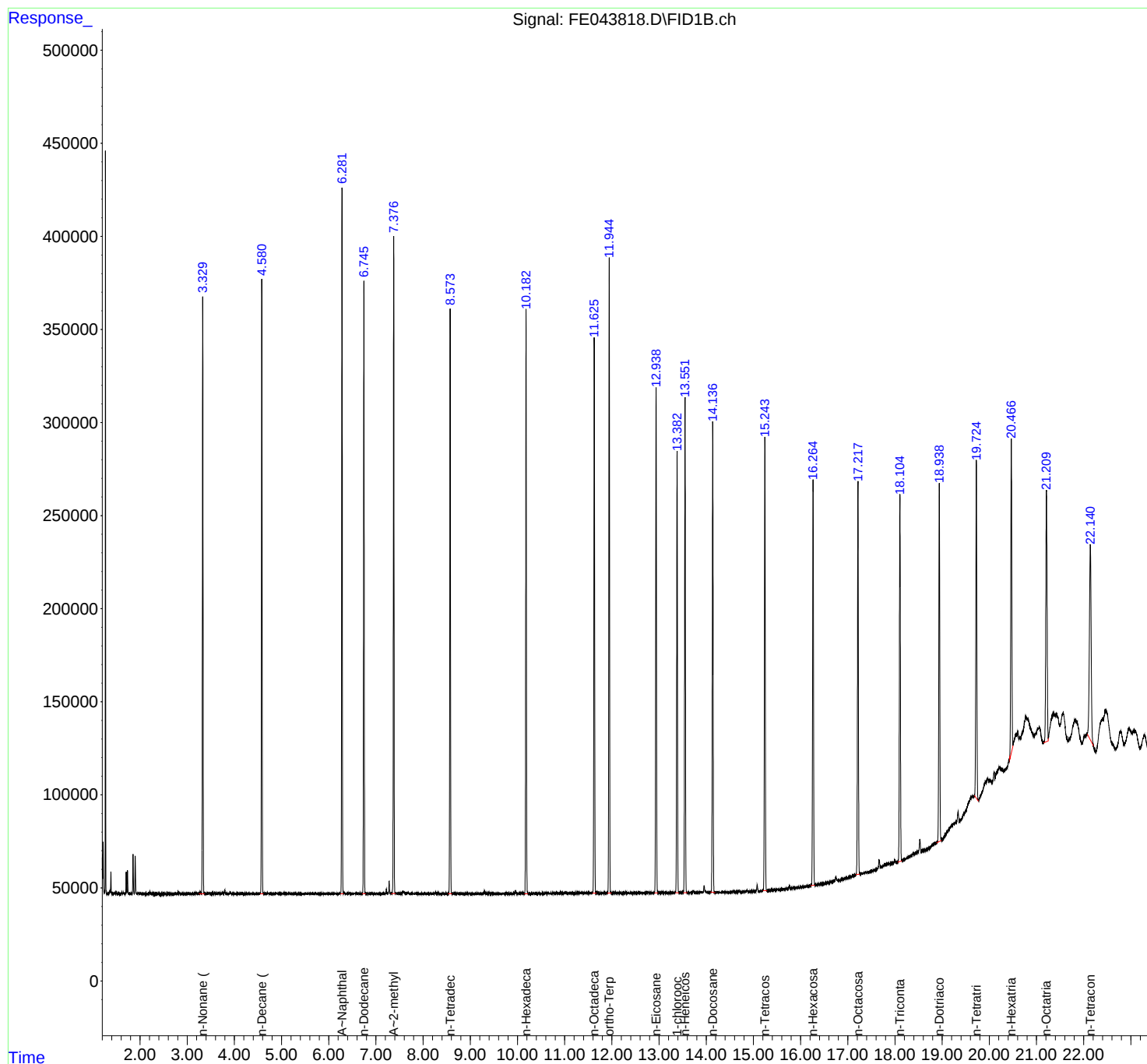
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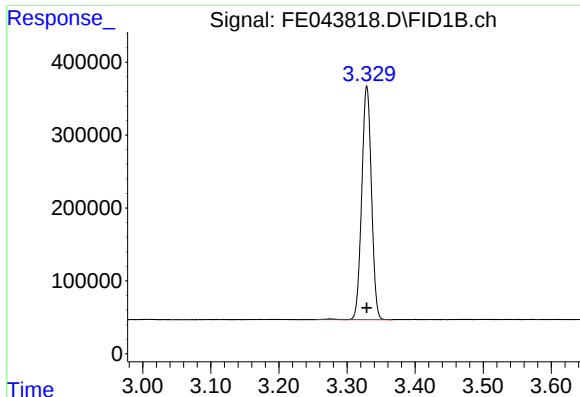
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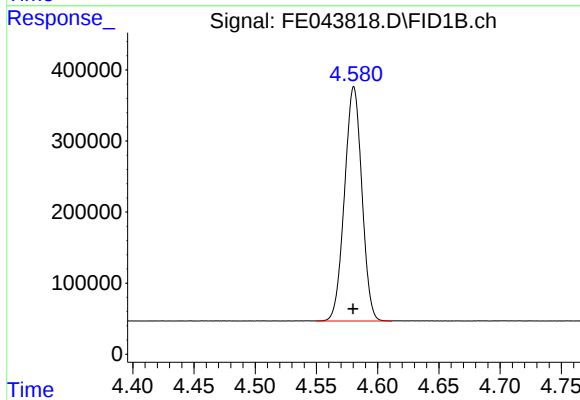
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3172863
Conc: 19.65 ug/ml

Instrument :
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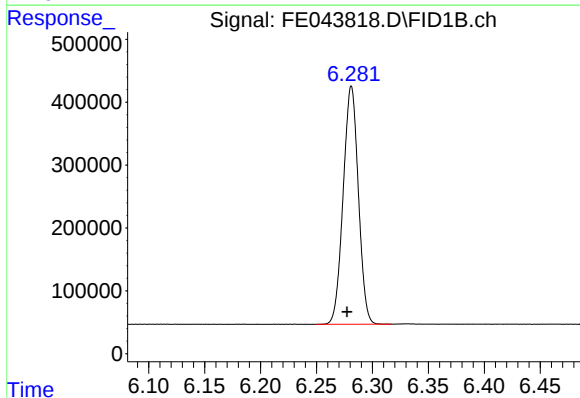
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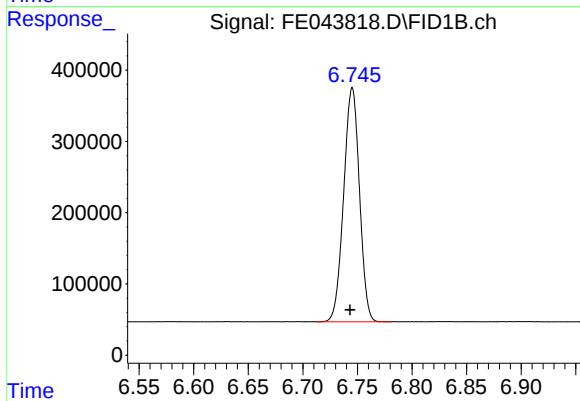
#2 n-Decane (C10)

R.T.: 4.581 min
Delta R.T.: 0.000 min
Response: 3252624
Conc: 19.74 ug/ml



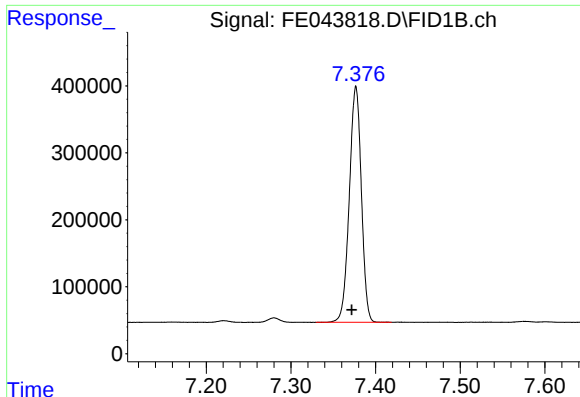
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 3581754
Conc: 19.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.745 min
Delta R.T.: 0.002 min
Response: 3309874
Conc: 19.78 ug/ml



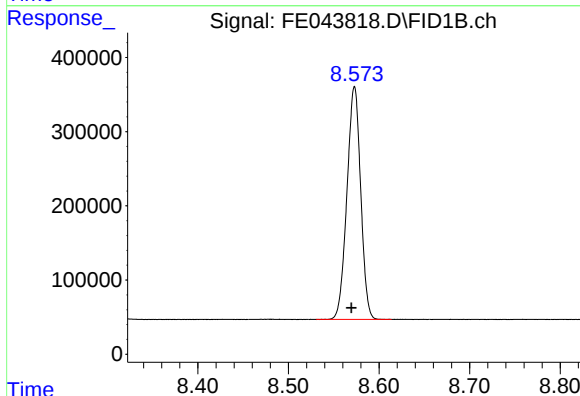
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.377 min
Delta R.T.: 0.005 min
Response: 3483538
Conc: 19.57 ug/ml

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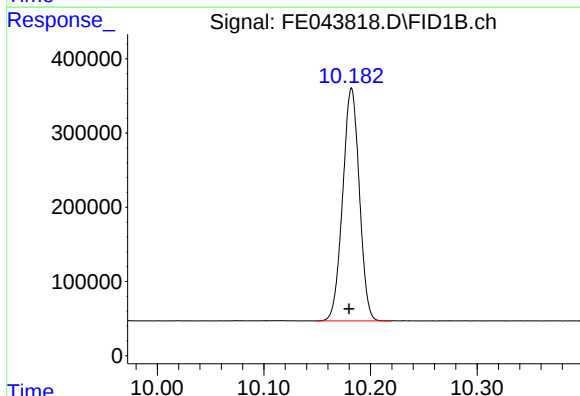
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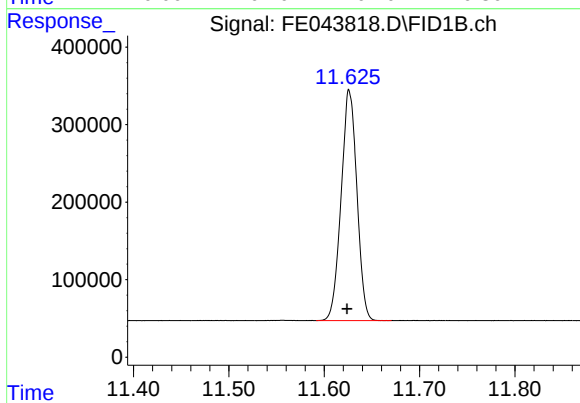
#6 n-Tetradecane (C14)

R.T.: 8.573 min
Delta R.T.: 0.003 min
Response: 3310233
Conc: 19.65 ug/ml



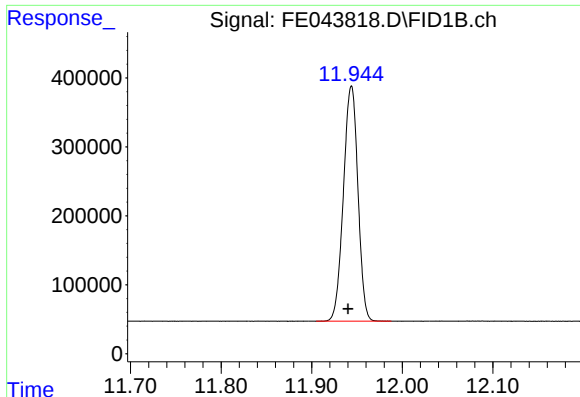
#7 n-Hexadecane (C16)

R.T.: 10.182 min
Delta R.T.: 0.003 min
Response: 3406843
Conc: 19.31 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.626 min
Delta R.T.: 0.002 min
Response: 3429133
Conc: 18.93 ug/ml



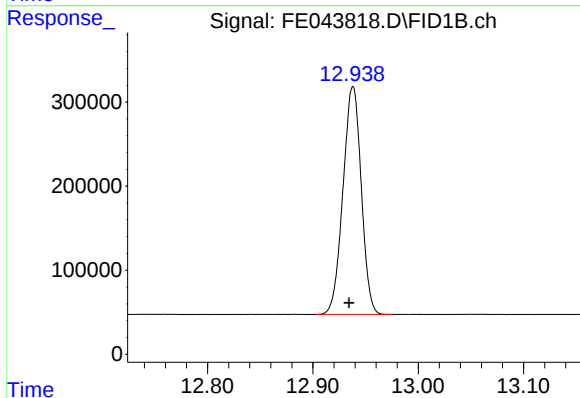
#9 ortho-Terphenyl (SURR)

R.T.: 11.944 min
Delta R.T.: 0.004 min
Response: 3801026
Conc: 18.44 ug/ml

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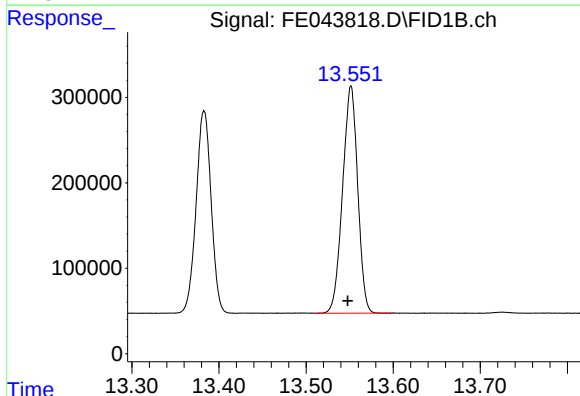
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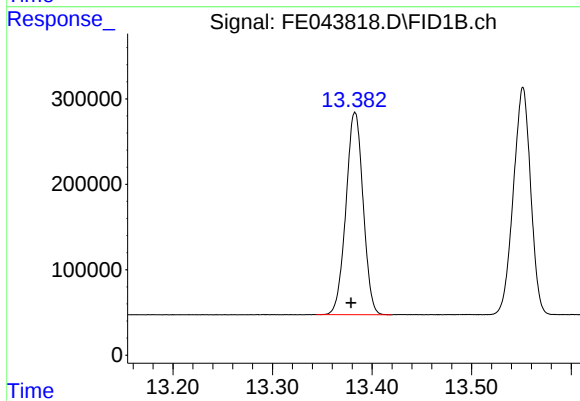
#10 n-Eicosane (C20)

R.T.: 12.938 min
Delta R.T.: 0.004 min
Response: 3272787
Conc: 18.49 ug/ml



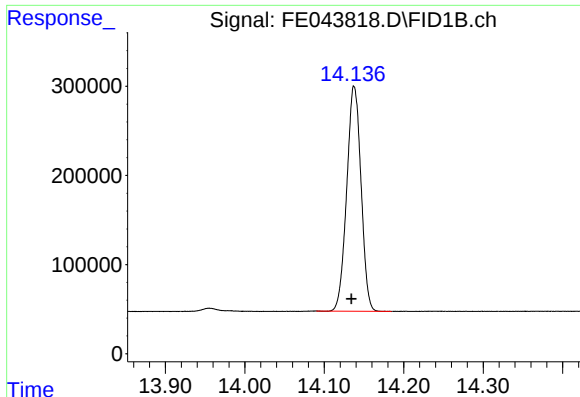
#11 n-Heneicosane (C21)

R.T.: 13.552 min
Delta R.T.: 0.004 min
Response: 3211137
Conc: 18.14 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.383 min
Delta R.T.: 0.004 min
Response: 2839263
Conc: 18.19 ug/ml



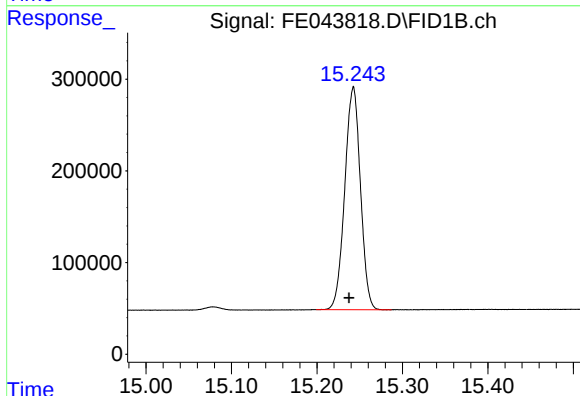
#13 n-Docosane (C22)

R.T.: 14.138 min
Delta R.T.: 0.003 min
Response: 3163675
Conc: 18.04 ug/ml

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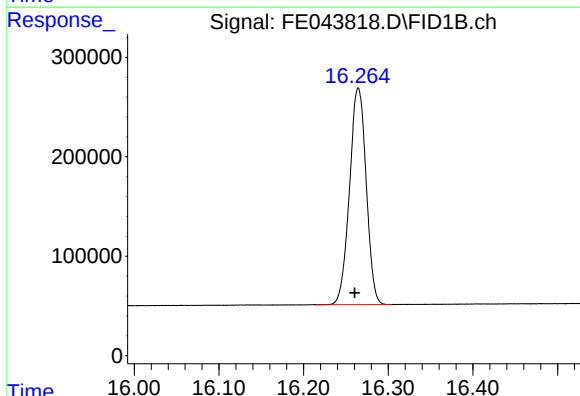
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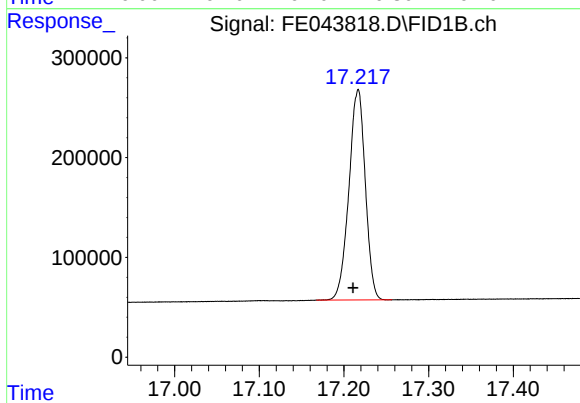
#14 n-Tetracosane (C24)

R.T.: 15.243 min
Delta R.T.: 0.005 min
Response: 3094597
Conc: 17.61 ug/ml



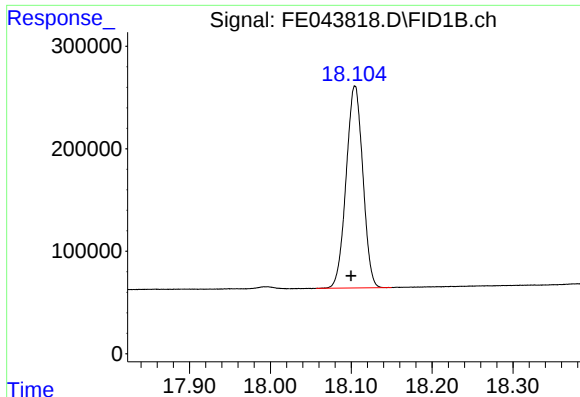
#15 n-Hexacosane (C26)

R.T.: 16.265 min
Delta R.T.: 0.004 min
Response: 2974091
Conc: 17.21 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: 0.006 min
Response: 2838403
Conc: 16.96 ug/ml



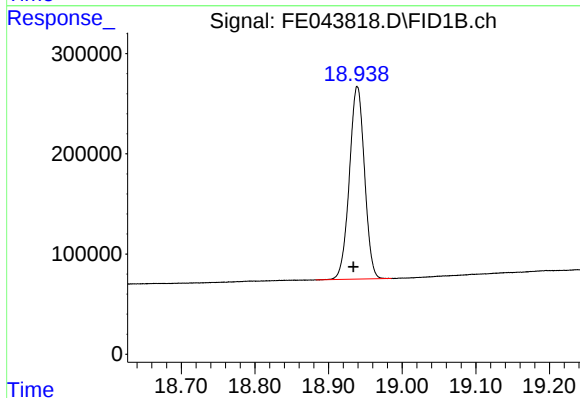
#17 n-Tricontane (C30)

R.T.: 18.105 min
Delta R.T.: 0.005 min
Response: 2825721
Conc: 17.06 ug/ml

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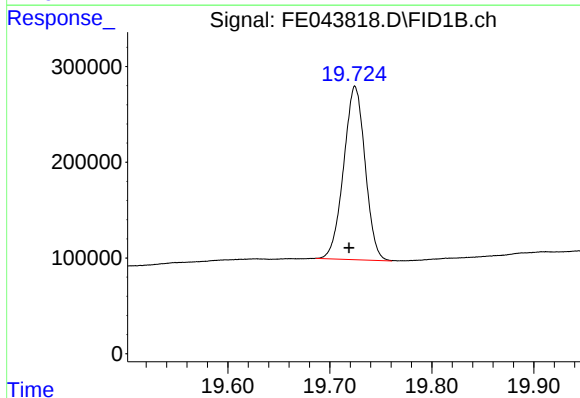
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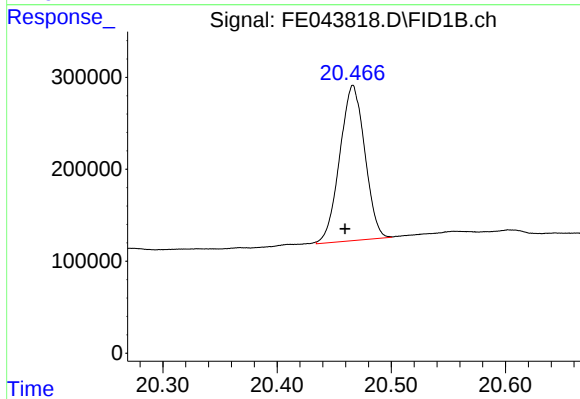
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 2746215
Conc: 17.39 ug/ml



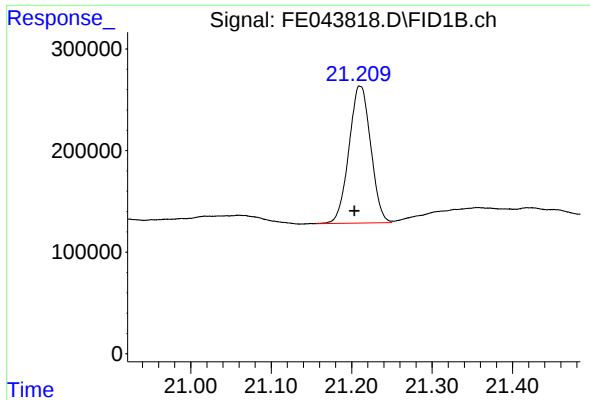
#19 n-Tetratriacontane (C34)

R.T.: 19.724 min
Delta R.T.: 0.005 min
Response: 2648415
Conc: 17.82 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.466 min
Delta R.T.: 0.007 min
Response: 2569311
Conc: 18.38 ug/ml m



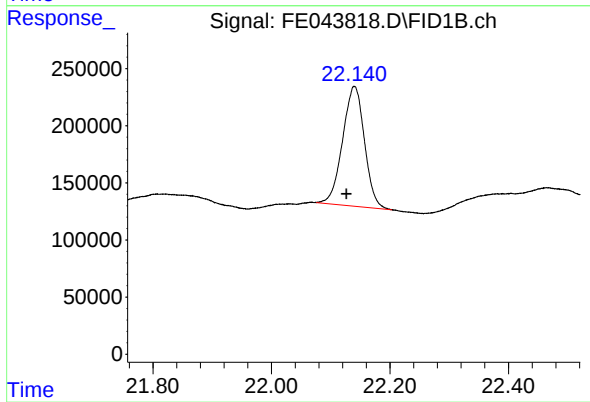
#21 n-Octatriacontane (C38)

R.T.: 21.209 min
Delta R.T.: 0.005 min
Response: 2534811
Conc: 19.00 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.140 min
Delta R.T.: 0.014 min
Response: 2688593
Conc: 20.84 ug/ml m