

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081123AL\
 Data File : FE043919.D
 Signal(s) : FID1B.ch
 Acq On : 12 Aug 2023 03:26
 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 08/14/2023
 Supervised By :Ankita Jodhani 08/14/2023

Integration File: autoint1.e
 Quant Time: Aug 12 03:50:24 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)	11.942	4137491	20.078 ug/ml
Spiked Amount 50.000		Recovery =	40.16%
12) S 1-chlorooctadecane (S...	13.380	3139421	20.118 ug/ml
Spiked Amount 50.000		Recovery =	40.24%
Target Compounds			
1) T n-Nonane (C9)	3.329	3439579	21.300 ug/ml
2) T n-Decane (C10)	4.580	3593756	21.805 ug/ml
3) T A~Naphthalene (C11.7)	6.281	3947033	21.679 ug/ml
4) T n-Dodecane (C12)	6.744	3670886	21.934 ug/ml
5) T A~2-methylnaphthalene...	7.376	3832714	21.529 ug/ml
6) T n-Tetradecane (C14)	8.571	3670567	21.786 ug/ml
7) T n-Hexadecane (C16)	10.179	3781158	21.435 ug/ml
8) T n-Octadecane (C18)	11.625	3794591	20.947 ug/ml
10) T n-Eicosane (C20)	12.936	3611309	20.407 ug/ml
11) T n-Heneicosane (C21)	13.548	3516780	19.862 ug/ml
13) T n-Docosane (C22)	14.135	3489546	19.895 ug/ml
14) T n-Tetracosane (C24)	15.239	3458286	19.683 ug/ml
15) T n-Hexacosane (C26)	16.262	3338155	19.314 ug/ml
16) T n-Octacosane (C28)	17.211	3235626	19.338 ug/ml
17) T n-Tricontane (C30)	18.101	3273260	19.763 ug/ml
18) T n-Dotriacontane (C32)	18.935	3178972	20.134 ug/ml
19) T n-Tetratriacontane (C34)	19.719	3009722	20.254 ug/mlm
20) T n-Hexatriacontane (C36)	20.462	2957963	21.162 ug/ml
21) T n-Octatriacontane (C38)	21.205	2913542	21.840 ug/mlm
22) T n-Tetracontane (C40)	22.131	2980820	23.102 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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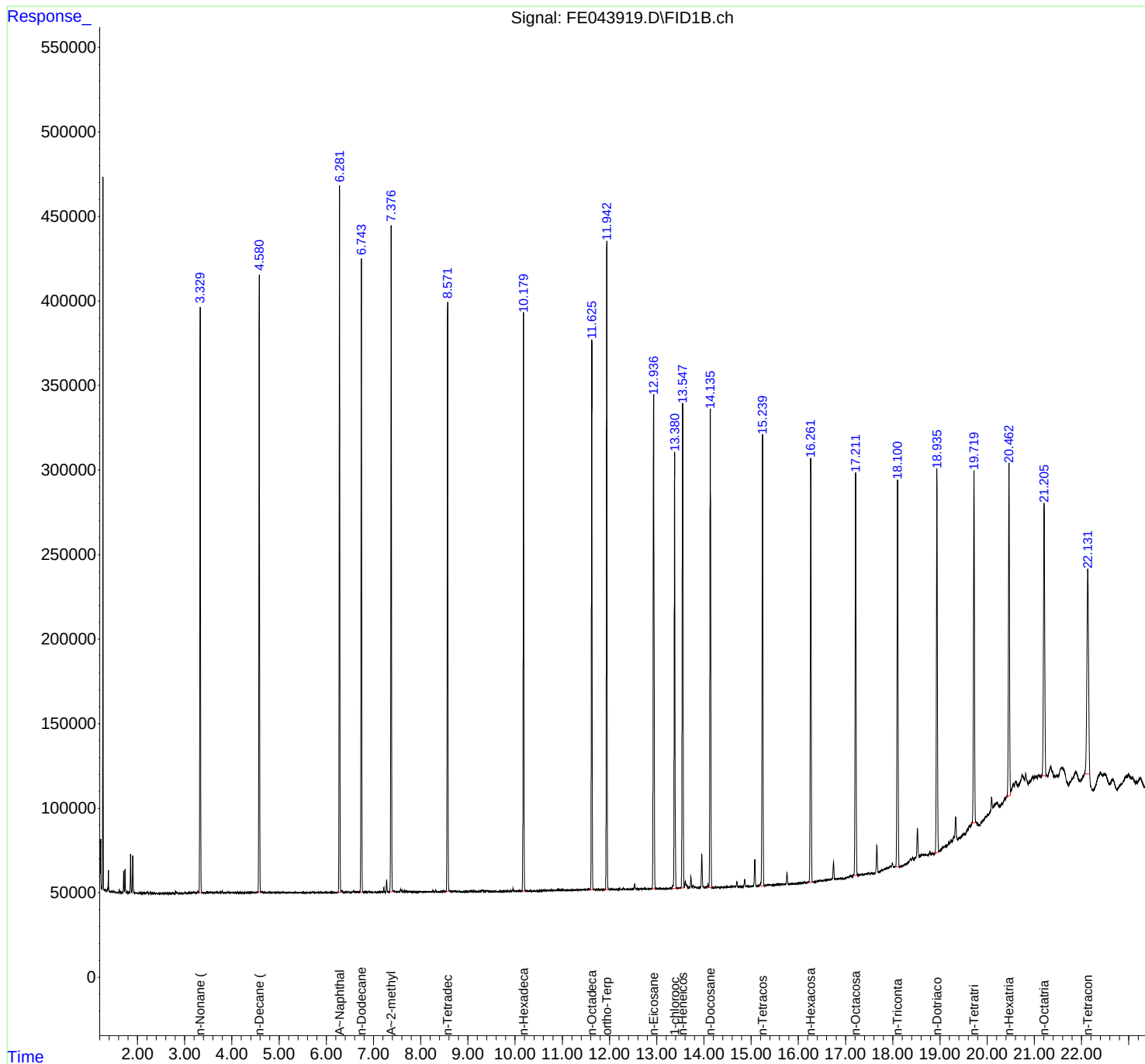
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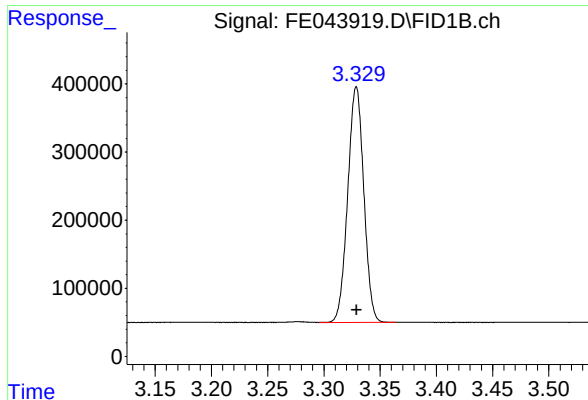
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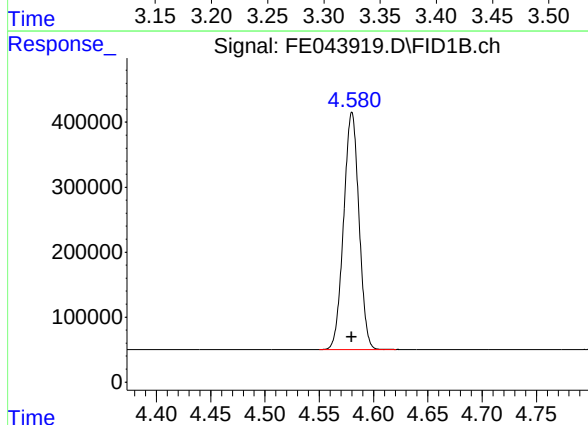
#1 n-Nonane (C9)

R.T.: 3.329 min
Delta R.T.: 0.000 min
Response: 3439579
Conc: 21.30 ug/ml

Instrument : FID_E
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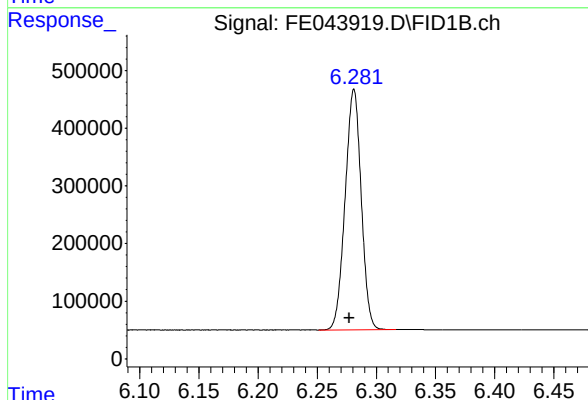
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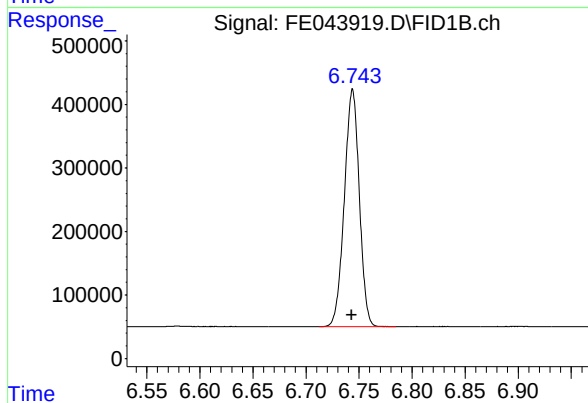
#2 n-Decane (C10)

R.T.: 4.580 min
Delta R.T.: 0.000 min
Response: 3593756
Conc: 21.80 ug/ml



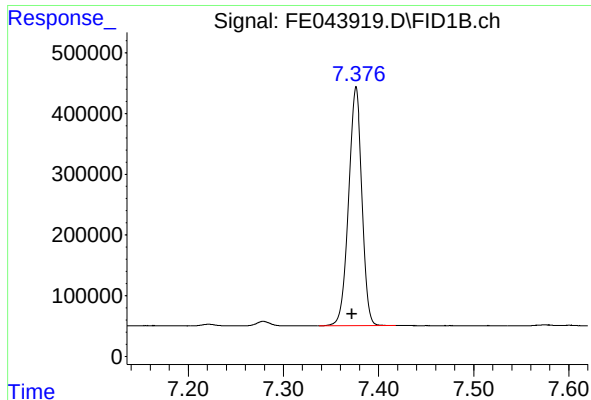
#3 A~Naphthalene (C11.7)

R.T.: 6.281 min
Delta R.T.: 0.004 min
Response: 3947033
Conc: 21.68 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.744 min
Delta R.T.: 0.000 min
Response: 3670886
Conc: 21.93 ug/ml



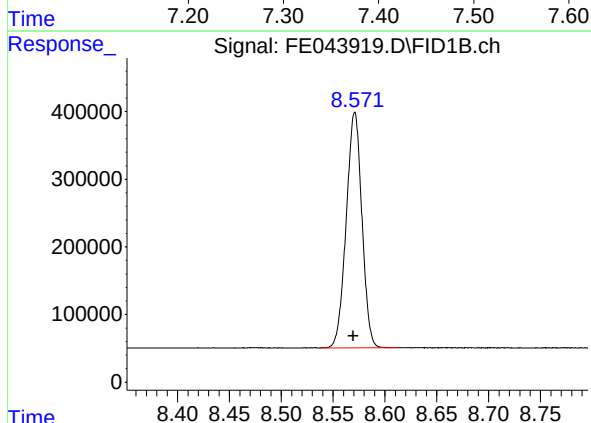
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.376 min
Delta R.T.: 0.004 min
Response: 3832714
Conc: 21.53 ug/ml

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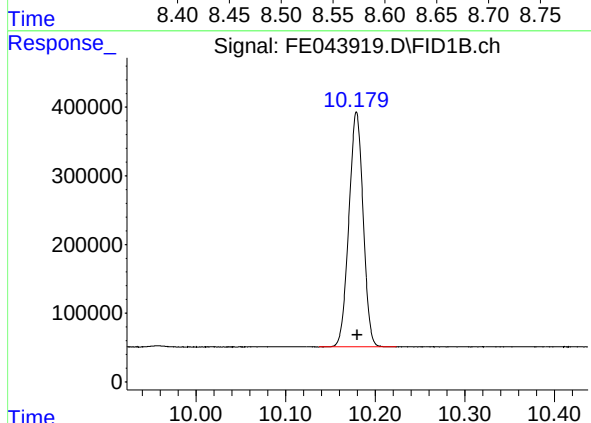
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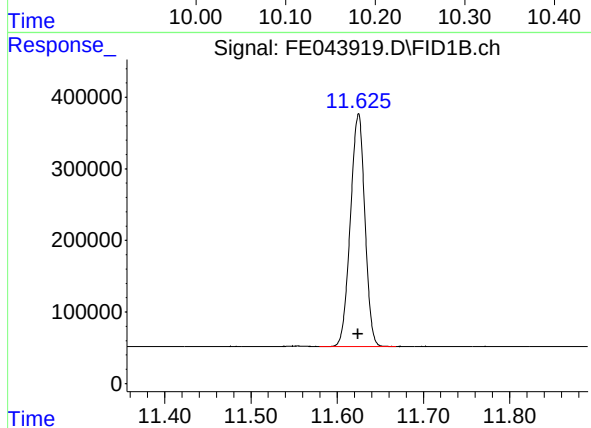
#6 n-Tetradecane (C14)

R.T.: 8.571 min
Delta R.T.: 0.001 min
Response: 3670567
Conc: 21.79 ug/ml



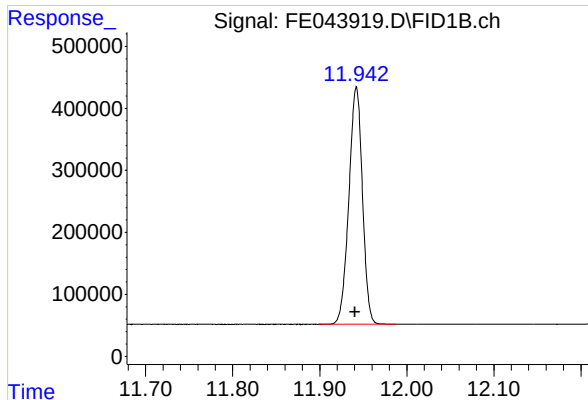
#7 n-Hexadecane (C16)

R.T.: 10.179 min
Delta R.T.: 0.000 min
Response: 3781158
Conc: 21.44 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.625 min
Delta R.T.: 0.000 min
Response: 3794591
Conc: 20.95 ug/ml



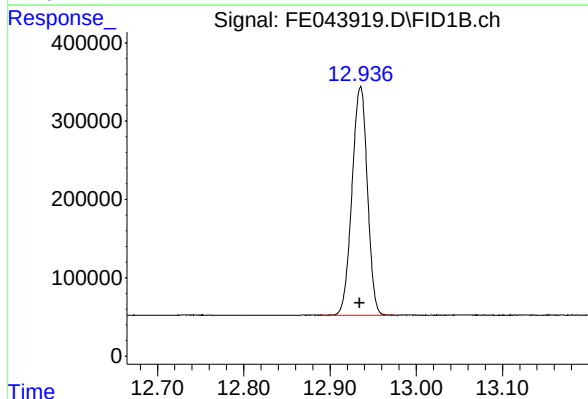
#9 ortho-Terphenyl (SURR)

R.T.: 11.942 min
Delta R.T.: 0.002 min
Response: 4137491
Conc: 20.08 ug/ml

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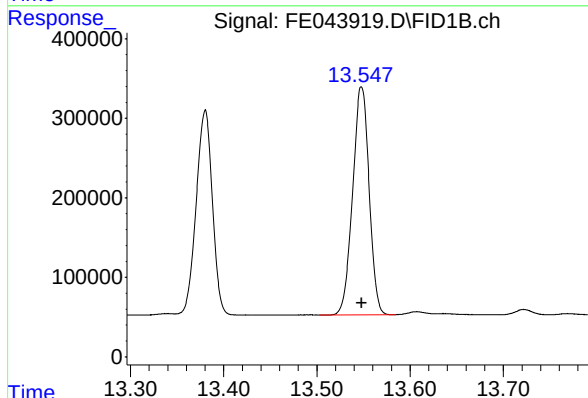
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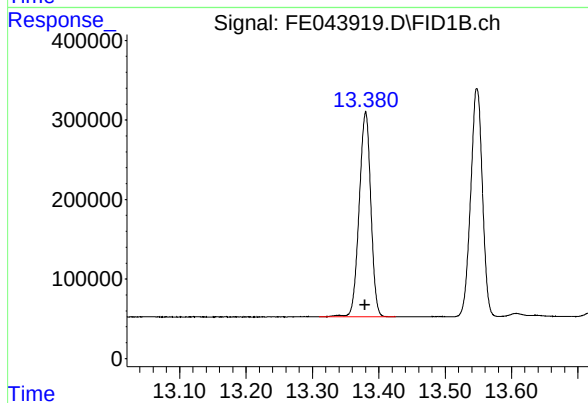
#10 n-Eicosane (C20)

R.T.: 12.936 min
Delta R.T.: 0.001 min
Response: 3611309
Conc: 20.41 ug/ml



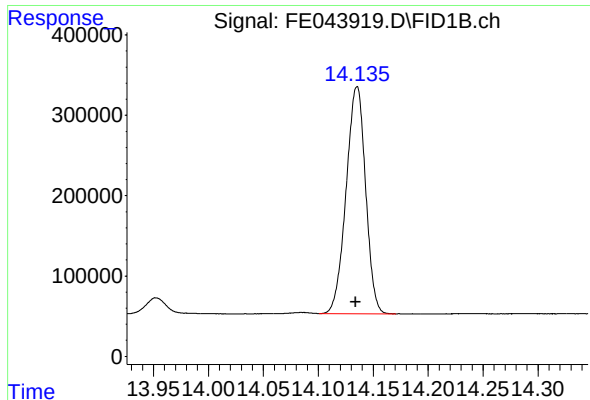
#11 n-Heneicosane (C21)

R.T.: 13.548 min
Delta R.T.: 0.000 min
Response: 3516780
Conc: 19.86 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.380 min
Delta R.T.: 0.001 min
Response: 3139421
Conc: 20.12 ug/ml



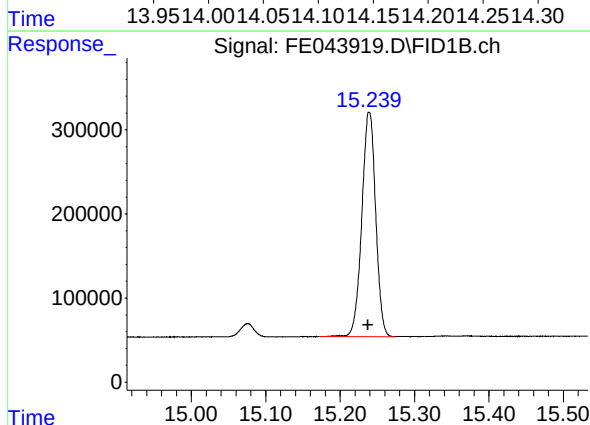
#13 n-Docosane (C22)

R.T.: 14.135 min
Delta R.T.: 0.001 min
Response: 3489546
Conc: 19.89 ug/ml

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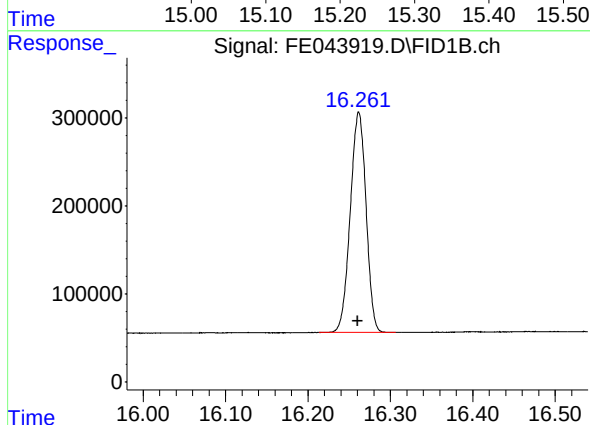
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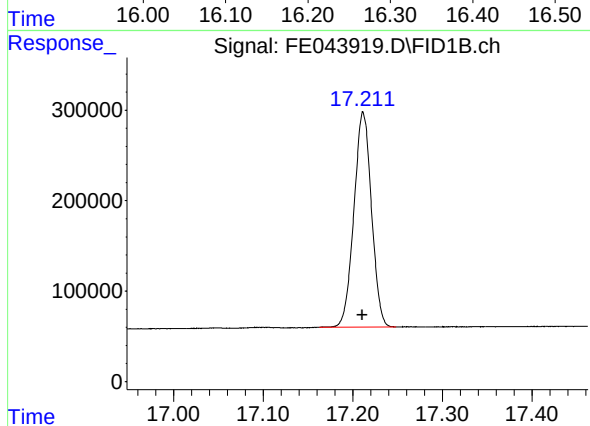
#14 n-Tetracosane (C24)

R.T.: 15.239 min
Delta R.T.: 0.001 min
Response: 3458286
Conc: 19.68 ug/ml



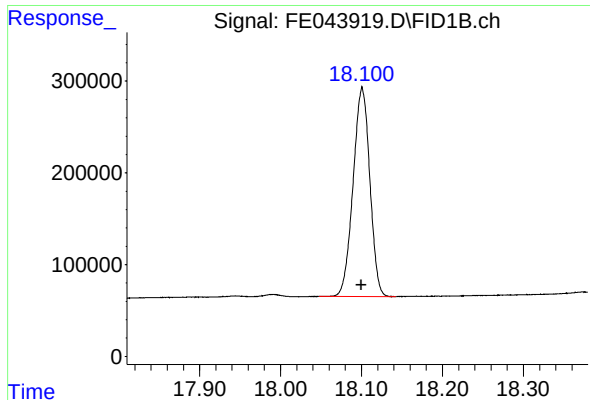
#15 n-Hexacosane (C26)

R.T.: 16.262 min
Delta R.T.: 0.001 min
Response: 3338155
Conc: 19.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.211 min
Delta R.T.: 0.000 min
Response: 3235626
Conc: 19.34 ug/ml



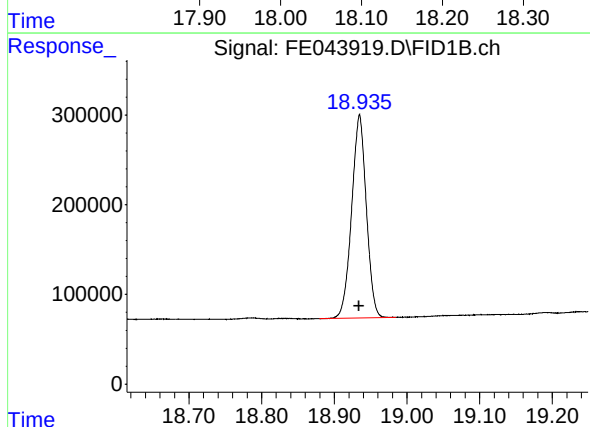
#17 n-Tricontane (C30)

R.T.: 18.101 min
Delta R.T.: 0.001 min
Response: 3273260
Conc: 19.76 ug/ml

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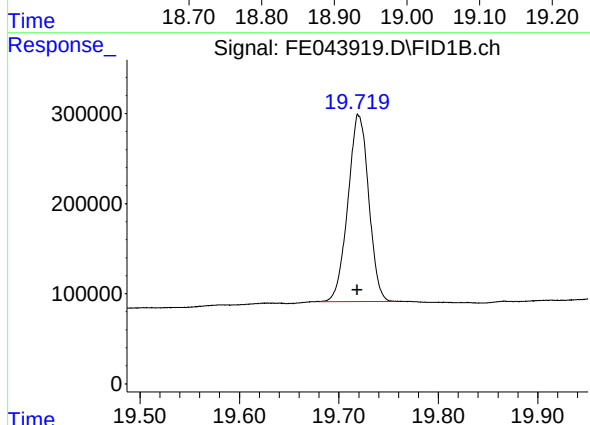
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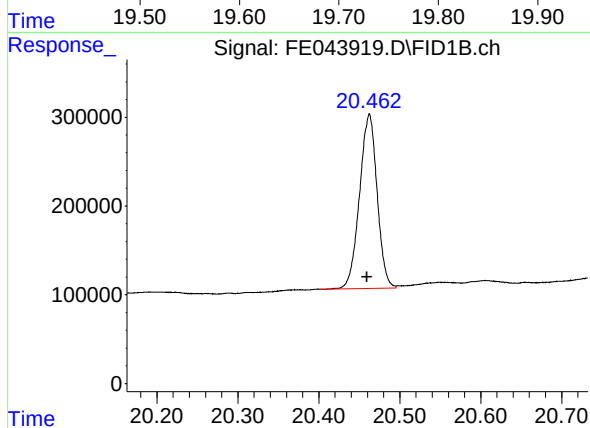
#18 n-Dotriacontane (C32)

R.T.: 18.935 min
Delta R.T.: 0.000 min
Response: 3178972
Conc: 20.13 ug/ml



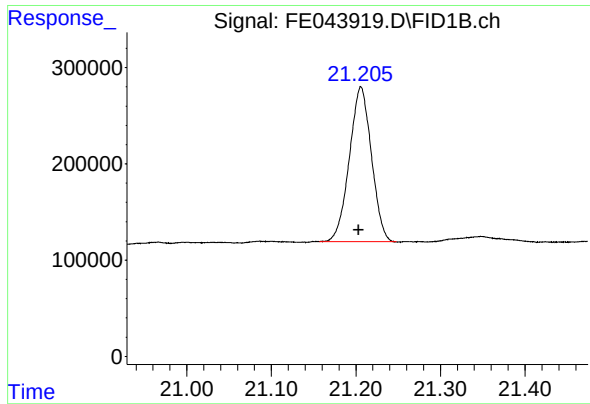
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: 0.000 min
Response: 3009722
Conc: 20.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.462 min
Delta R.T.: 0.003 min
Response: 2957963
Conc: 21.16 ug/ml



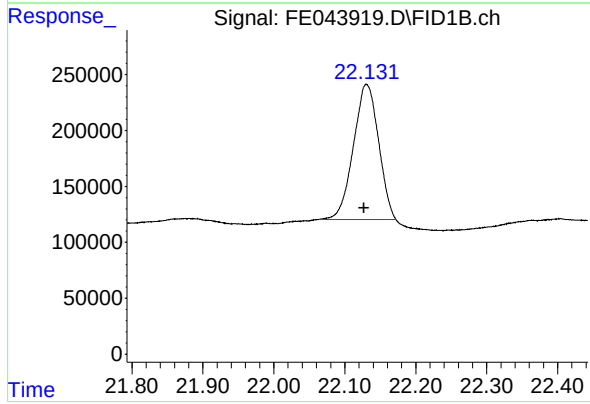
#21 n-Octatriacontane (C38)

R.T.: 21.205 min
Delta R.T.: 0.002 min
Response: 2913542
Conc: 21.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.131 min
Delta R.T.: 0.004 min
Response: 2980820
Conc: 23.10 ug/ml m