

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021022AL\
 Data File : FE034981.D
 Signal(s) : FID1B.CH
 Acq On : 10 Feb 2022 23:46
 Operator : YP\AJ
 Sample : N1455-10MSD
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-5-EPH-2MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/11/2022
 Supervised By :Ankita Jodhani 02/11/2022

Integration File: sample.E
 Quant Time: Feb 11 00:45:29 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020822.M
 Quant Title : GC Extractables
 QLast Update : Tue Feb 08 22:05:03 2022
 Response via : Initial Calibration
 Integrator: ChemStation 6890 Scale Mode: Large solvent peaks clipped

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)	11.134	10394525	35.492 ug/mlm
Spiked Amount 50.000		Recovery =	70.98%
12) S 1-chlorooctadecane (S...	12.562	8510716	38.066 ug/ml
Spiked Amount 50.000		Recovery =	76.13%
Target Compounds			
1) T n-Nonane (C9)	2.999	8691938	34.266 ug/ml
2) T n-Decane (C10)	4.015	9866352	38.440 ug/ml
3) T A~Naphthalene (C11.7)	5.568	12610829	43.959 ug/ml
4) T n-Dodecane (C12)	6.000	10651080	41.399 ug/mlm
5) T A~2-methylnaphthalene...	6.618	12833558	44.355 ug/mlm
6) T n-Tetradecane (C14)	7.793	11726067	44.830 ug/mlm
7) T n-Hexadecane (C16)	9.385	13163519	50.198 ug/mlm
8) T n-Octadecane (C18)	10.823	13853627	51.957 ug/mlm
10) T n-Eicosane (C20)	12.125	13283418	50.863 ug/mlm
11) T n-Heneicosane (C21)	12.732	13510535	51.573 ug/ml
13) T n-Docosane (C22)	13.316	12897187	50.030 ug/ml
14) T n-Tetracosane (C24)	14.414	9080378	35.813 ug/ml
15) T n-Hexacosane (C26)	15.433	12283486	50.305 ug/ml
16) T n-Octacosane (C28)	16.375	12064467	50.701 ug/ml
17) T n-Tricontane (C30)	17.264	11540734	50.181 ug/ml
18) T n-Dotriacontane (C32)	18.087	11138579	52.110 ug/ml
19) T n-Tetratriacontane (C34)	18.869	11161216	55.379 ug/ml
20) T n-Hexatriacontane (C36)	19.606	11045226	58.395 ug/ml
21) T n-Octatriacontane (C38)	20.319	10978378	60.345 ug/ml
22) T n-Tetracontane (C40)	21.169	11574645	63.187 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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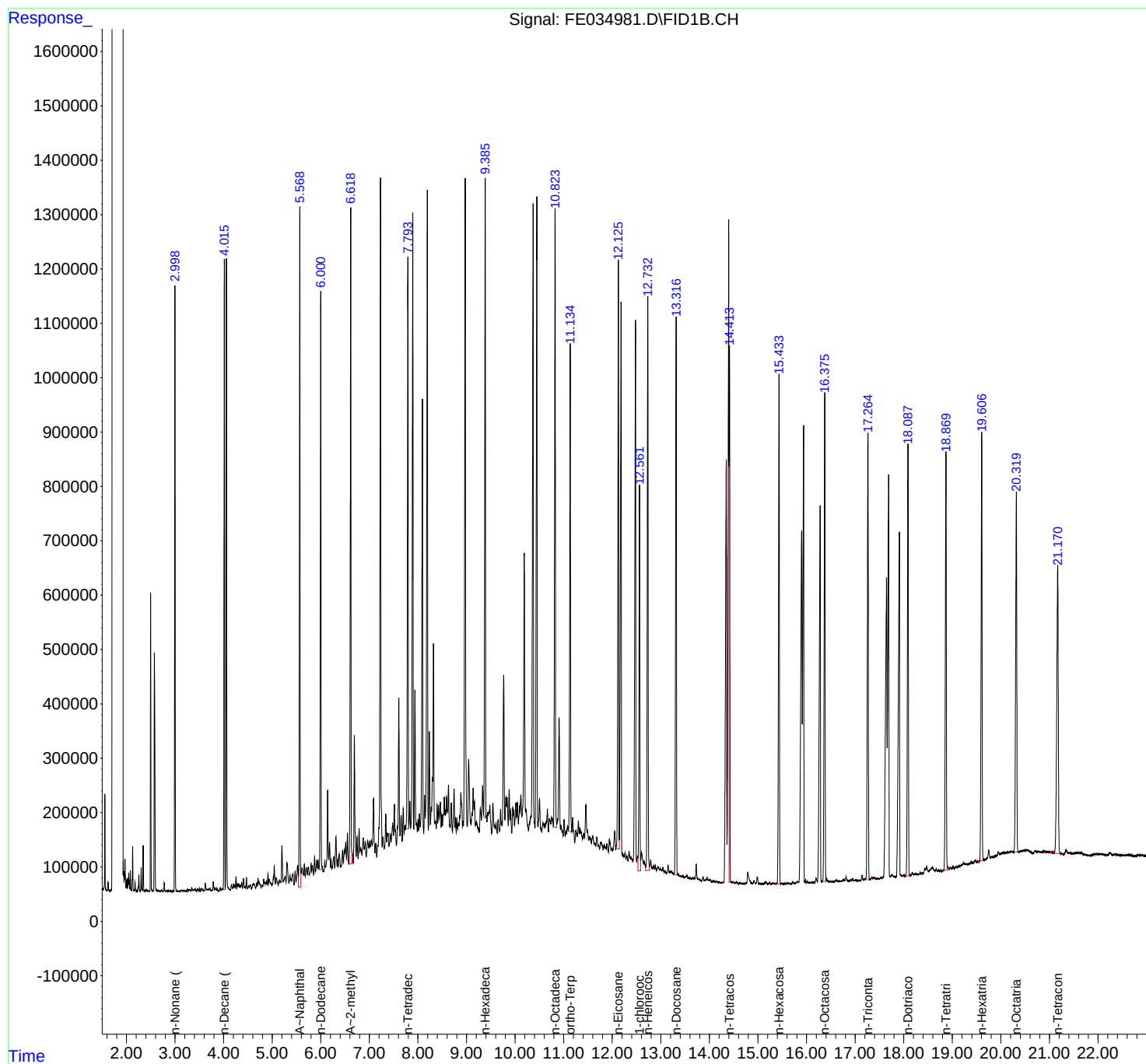
Instrument :
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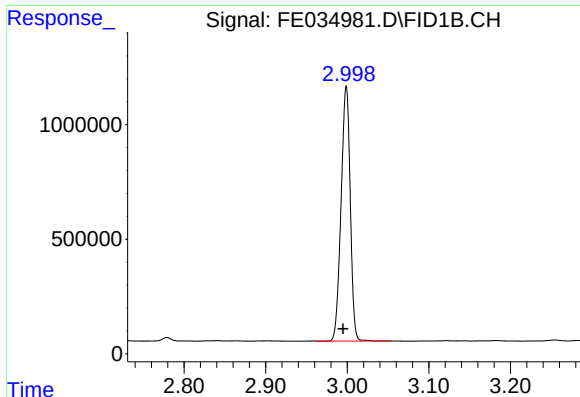
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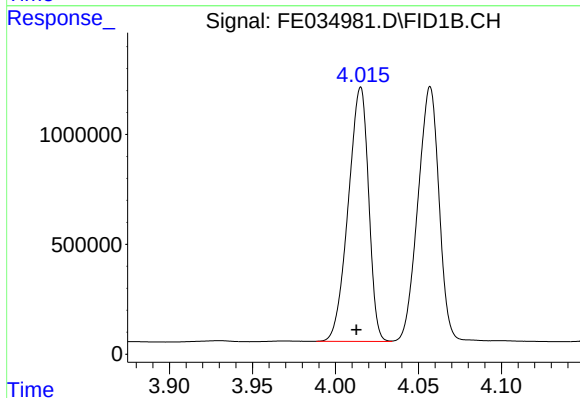
#1 n-Nonane (C9)

R.T.: 2.999 min
Delta R.T.: 0.004 min
Response: 8691938
Conc: 34.27 ug/ml

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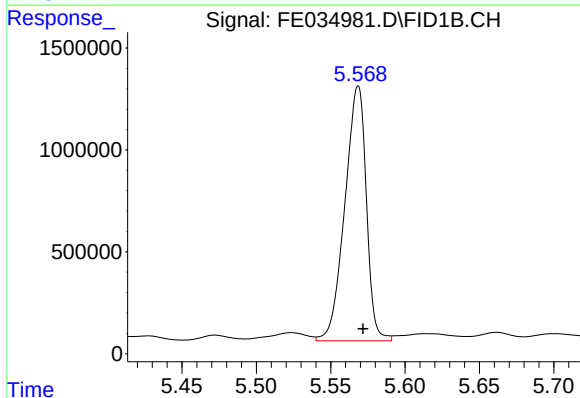
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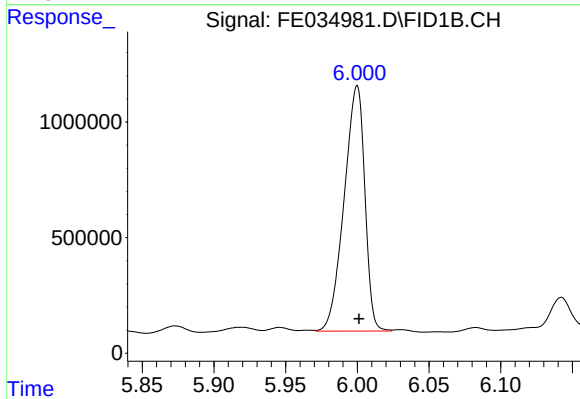
#2 n-Decane (C10)

R.T.: 4.015 min
Delta R.T.: 0.003 min
Response: 9866352
Conc: 38.44 ug/ml



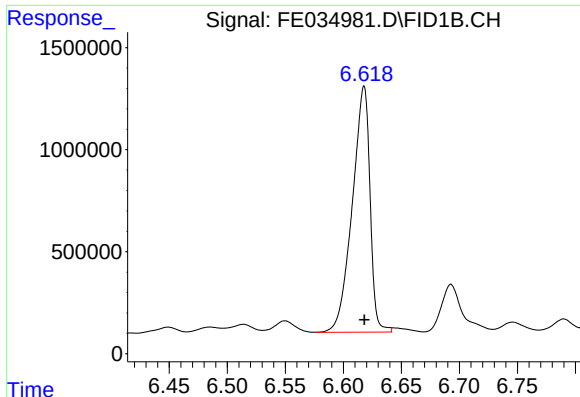
#3 A~Naphthalene (C11.7)

R.T.: 5.568 min
Delta R.T.: -0.003 min
Response: 12610829
Conc: 43.96 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.002 min
Response: 10651080
Conc: 41.40 ug/ml m



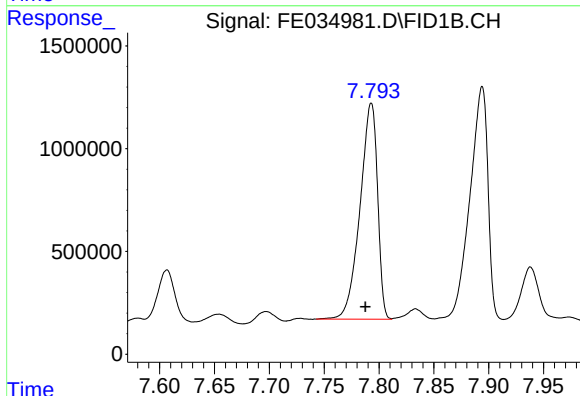
#5 A~2-methylnaphthalene (C12.89)

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 12833558
Conc: 44.35 ug/ml

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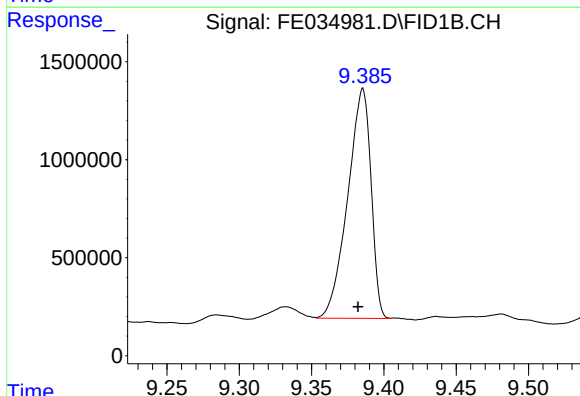
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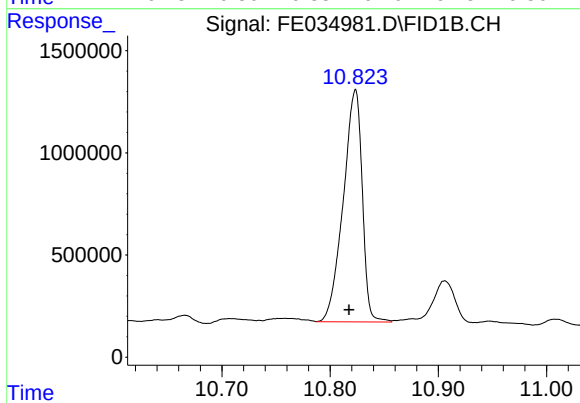
#6 n-Tetradecane (C14)

R.T.: 7.793 min
Delta R.T.: 0.005 min
Response: 11726067
Conc: 44.83 ug/ml m



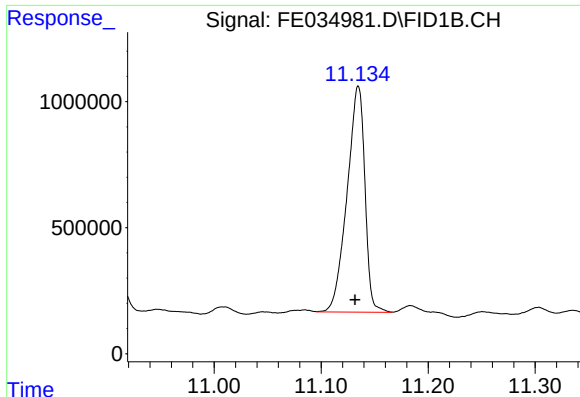
#7 n-Hexadecane (C16)

R.T.: 9.385 min
Delta R.T.: 0.003 min
Response: 13163519
Conc: 50.20 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.823 min
Delta R.T.: 0.006 min
Response: 13853627
Conc: 51.96 ug/ml m



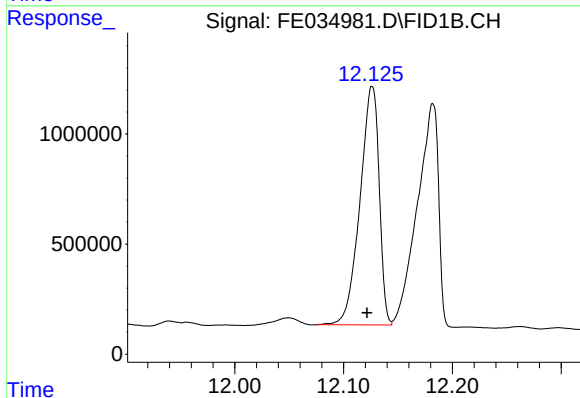
#9 ortho-Terphenyl (SURR)

R.T.: 11.134 min
Delta R.T.: 0.002 min
Response: 10394525
Conc: 35.49 ug/ml

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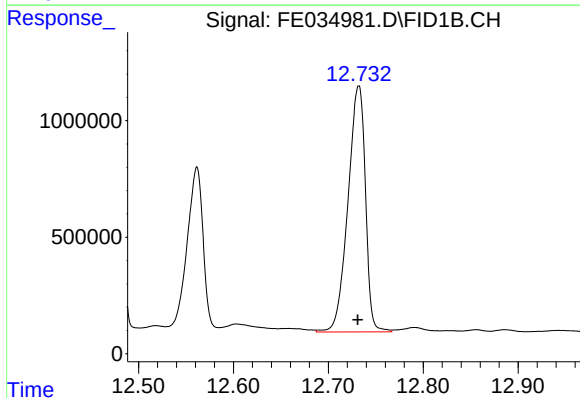
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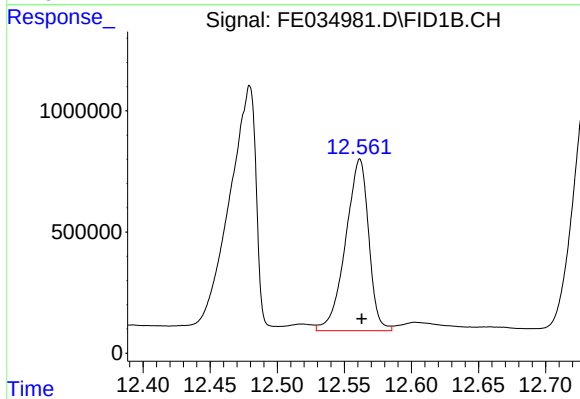
#10 n-Eicosane (C20)

R.T.: 12.125 min
Delta R.T.: 0.004 min
Response: 13283418
Conc: 50.86 ug/ml m



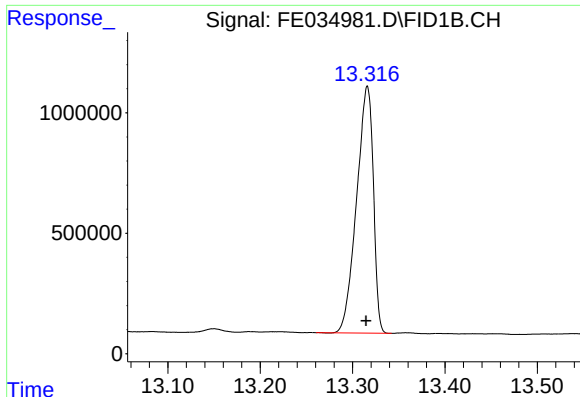
#11 n-Heneicosane (C21)

R.T.: 12.732 min
Delta R.T.: 0.000 min
Response: 13510535
Conc: 51.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.562 min
Delta R.T.: -0.001 min
Response: 8510716
Conc: 38.07 ug/ml



#13 n-Docosane (C22)

R.T.: 13.316 min
Delta R.T.: 0.001 min
Response: 12897187
Conc: 50.03 ug/ml

Instrument :

FID_E

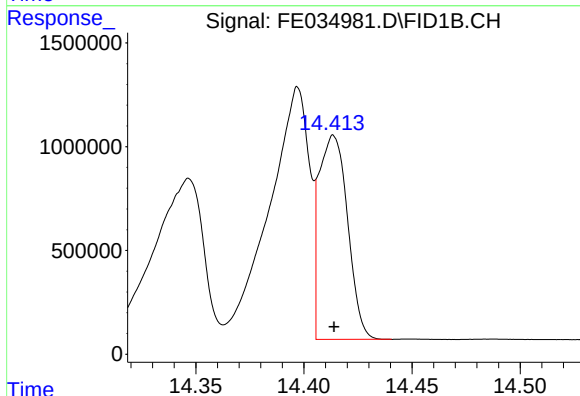
ClientSampleId :

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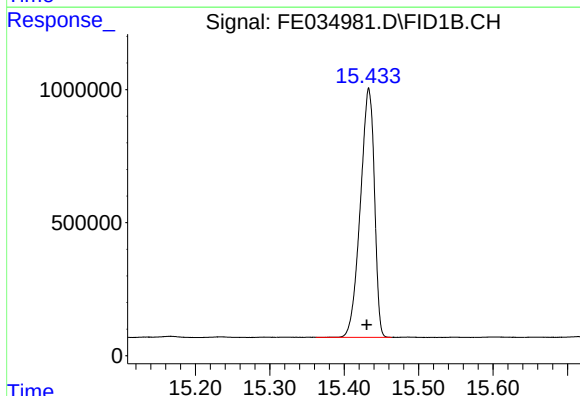
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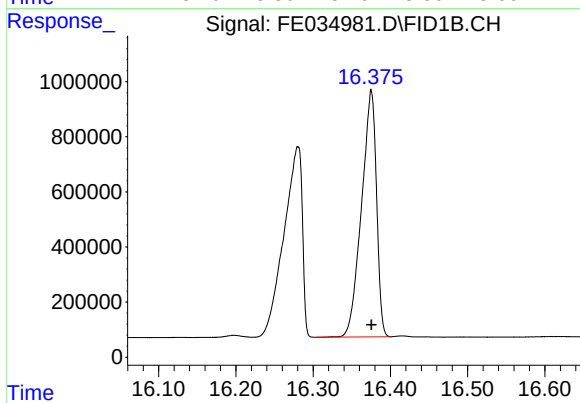
#14 n-Tetracosane (C24)

R.T.: 14.414 min
Delta R.T.: 0.000 min
Response: 9080378
Conc: 35.81 ug/ml



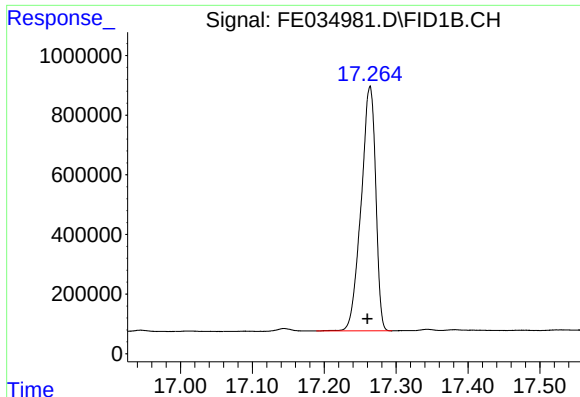
#15 n-Hexacosane (C26)

R.T.: 15.433 min
Delta R.T.: 0.003 min
Response: 12283486
Conc: 50.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.375 min
Delta R.T.: 0.000 min
Response: 12064467
Conc: 50.70 ug/ml



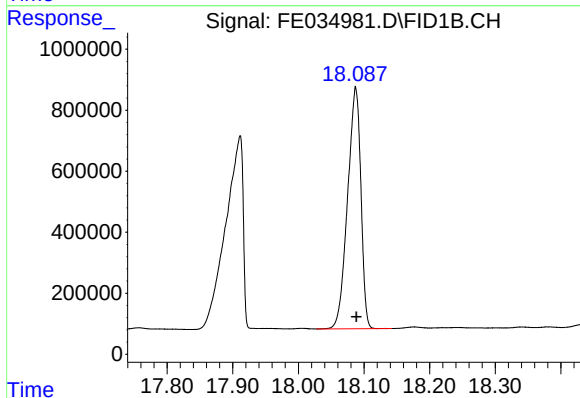
#17 n-Tricontane (C30)

R.T.: 17.264 min
Delta R.T.: 0.004 min
Response: 11540734
Conc: 50.18 ug/ml

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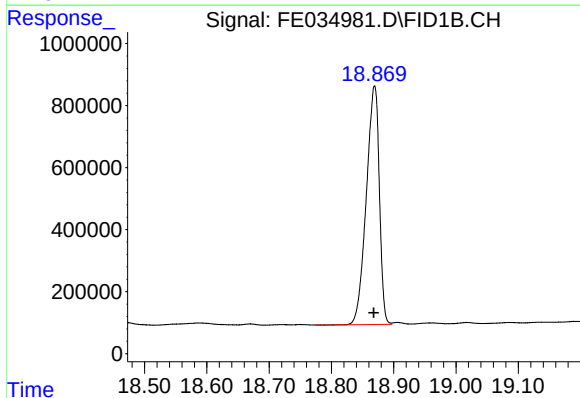
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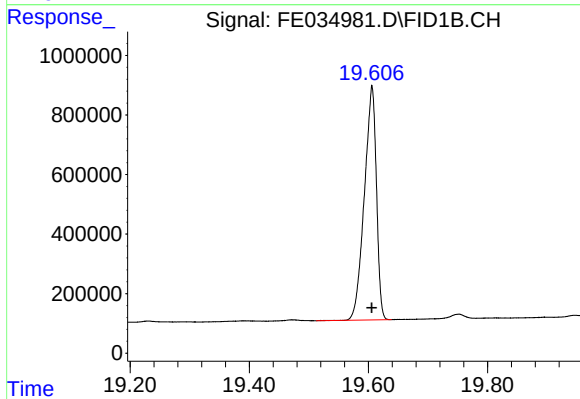
#18 n-Dotriacontane (C32)

R.T.: 18.087 min
Delta R.T.: 0.000 min
Response: 11138579
Conc: 52.11 ug/ml



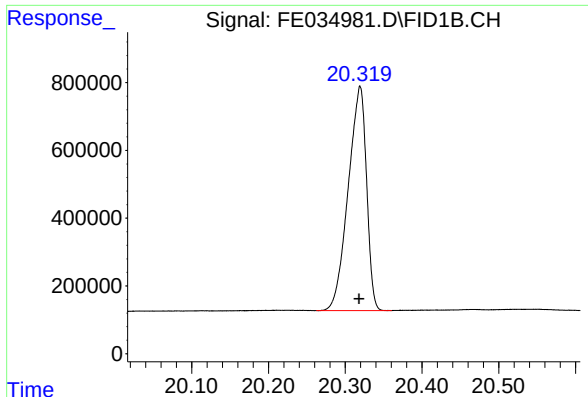
#19 n-Tetratriacontane (C34)

R.T.: 18.869 min
Delta R.T.: 0.001 min
Response: 11161216
Conc: 55.38 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.606 min
Delta R.T.: 0.000 min
Response: 11045226
Conc: 58.39 ug/ml



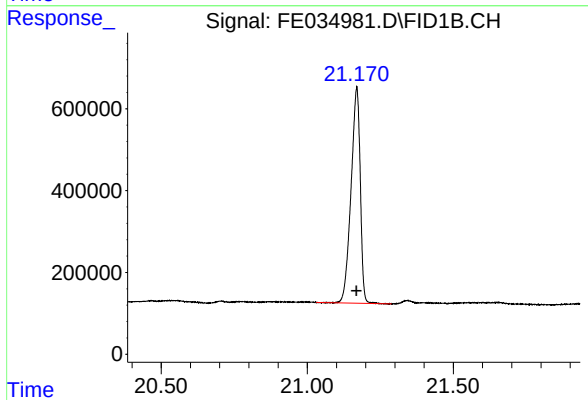
#21 n-Octatriacontane (C38)

R.T.: 20.319 min
Delta R.T.: 0.001 min
Response: 10978378
Conc: 60.34 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.169 min
Delta R.T.: 0.001 min
Response: 11574645
Conc: 63.19 ug/ml