

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021022AL\
 Data File : FE034980.D
 Signal(s) : FID1B.CH
 Acq On : 10 Feb 2022 23:15
 Operator : YP\AJ
 Sample : N1455-10MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

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 00:44:04 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)	11.136	11045169	37.714 ug/mlm
Spiked Amount 50.000		Recovery =	75.43%
12) S 1-chlorooctadecane (S...	12.562	8352276	37.357 ug/mlm
Spiked Amount 50.000		Recovery =	74.71%
Target Compounds			
1) T n-Nonane (C9)	3.000	9189747	36.229 ug/ml
2) T n-Decane (C10)	4.016	10413433	40.571 ug/ml
3) T A~Naphthalene (C11.7)	5.569	13393736	46.688 ug/ml
4) T n-Dodecane (C12)	6.000	11123999	43.237 ug/mlm
5) T A~2-methylnaphthalene...	6.618	13520589	46.729 ug/mlm
6) T n-Tetradecane (C14)	7.794	12497594	47.780 ug/mlm
7) T n-Hexadecane (C16)	9.386	13954553	53.215 ug/mlm
8) T n-Octadecane (C18)	10.825	14577607	54.672 ug/mlm
10) T n-Eicosane (C20)	12.128	14042999	53.771 ug/mlm
11) T n-Heneicosane (C21)	12.735	14919182	56.950 ug/ml
13) T n-Docosane (C22)	13.317	13715221	53.204 ug/ml
14) T n-Tetracosane (C24)	14.415	9304916	36.699 ug/ml
15) T n-Hexacosane (C26)	15.436	13032319	53.372 ug/ml
16) T n-Octacosane (C28)	16.376	12786194	53.734 ug/ml
17) T n-Tricontane (C30)	17.265	12229360	53.175 ug/ml
18) T n-Dotriacontane (C32)	18.089	11752930	54.984 ug/ml
19) T n-Tetratriacontane (C34)	18.869	11777762	58.438 ug/ml
20) T n-Hexatriacontane (C36)	19.607	11634043	61.508 ug/ml
21) T n-Octatriacontane (C38)	20.318	11513545	63.286 ug/ml
22) T n-Tetracontane (C40)	21.169	12170045	66.437 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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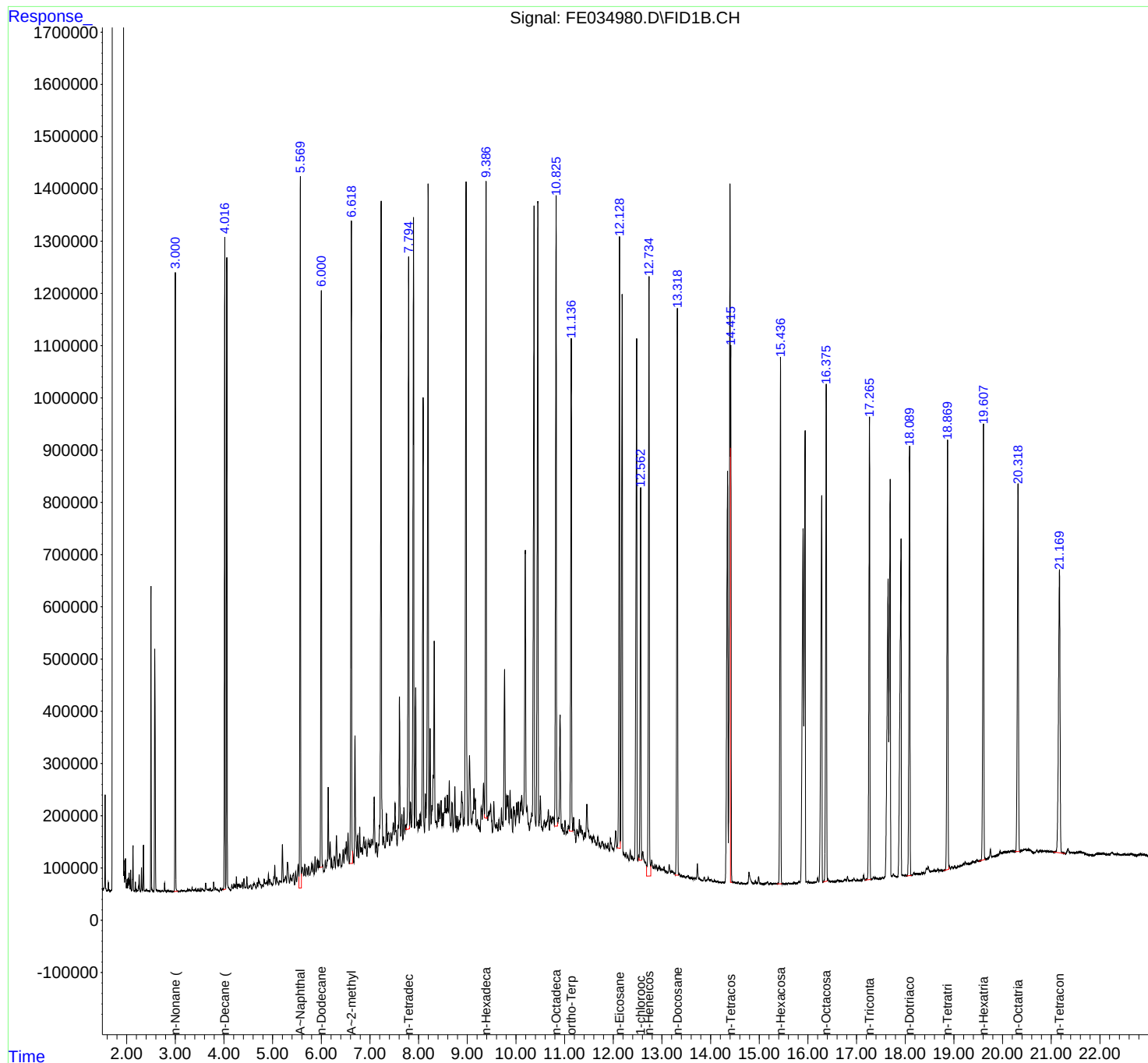
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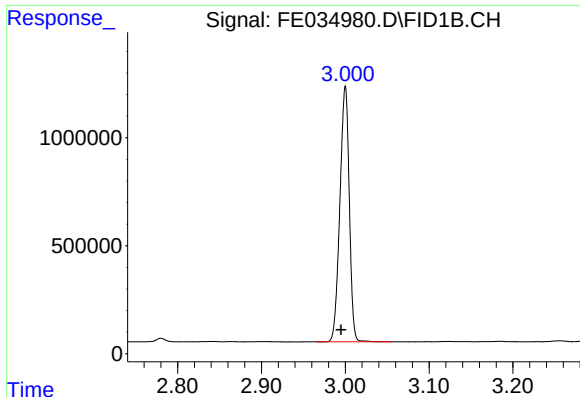
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#1 n-Nonane (C9)

R.T.: 3.000 min
Delta R.T.: 0.005 min
Response: 9189747
Conc: 36.23 ug/ml

Instrument :

FID_E

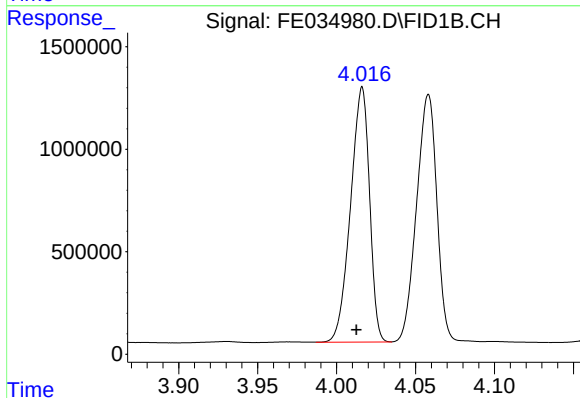
ClientSampleId :

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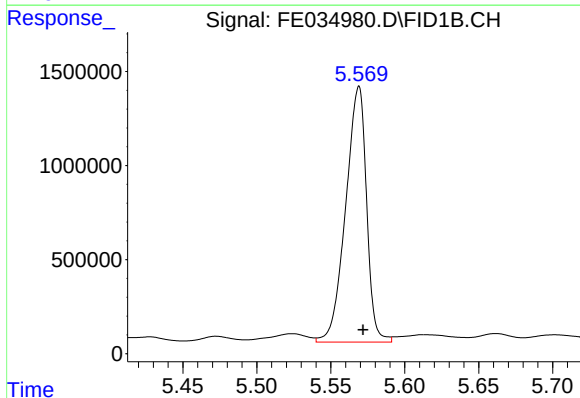
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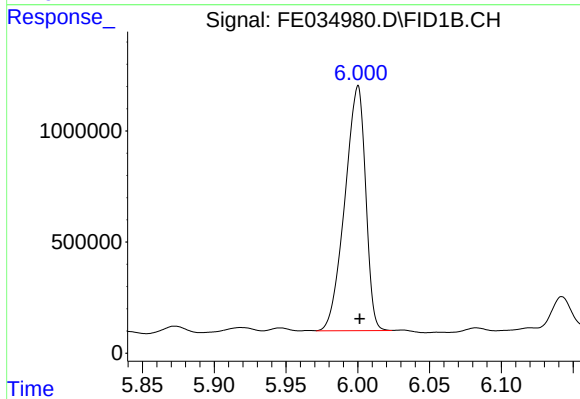
#2 n-Decane (C10)

R.T.: 4.016 min
Delta R.T.: 0.004 min
Response: 10413433
Conc: 40.57 ug/ml



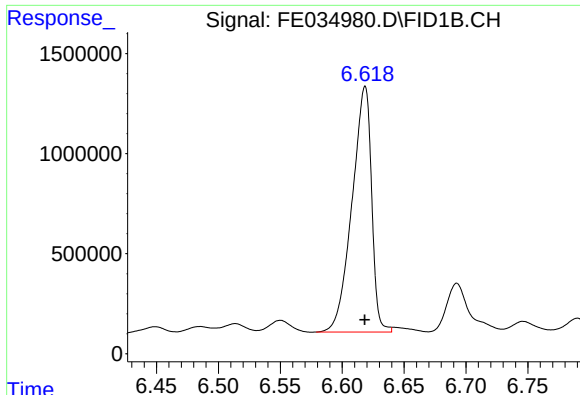
#3 A~Naphthalene (C11.7)

R.T.: 5.569 min
Delta R.T.: -0.003 min
Response: 13393736
Conc: 46.69 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.000 min
Delta R.T.: -0.001 min
Response: 11123999
Conc: 43.24 ug/ml m



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

R.T.: 6.618 min
Delta R.T.: 0.000 min
Response: 13520589
Conc: 46.73 ug/ml

Instrument :

FID_E

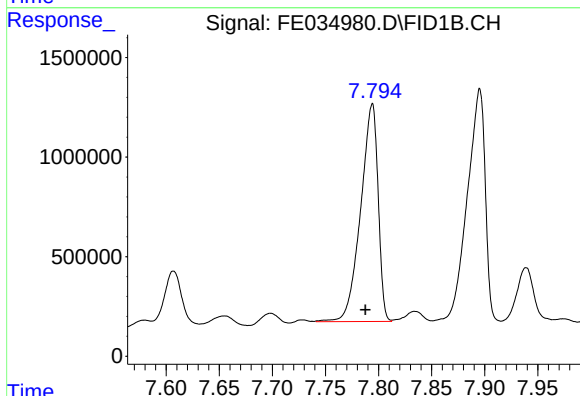
ClientSampleId :

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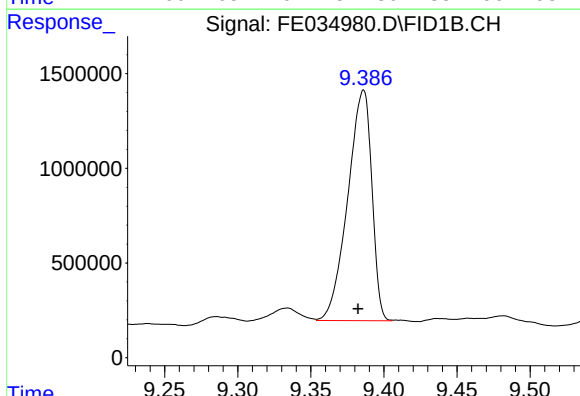
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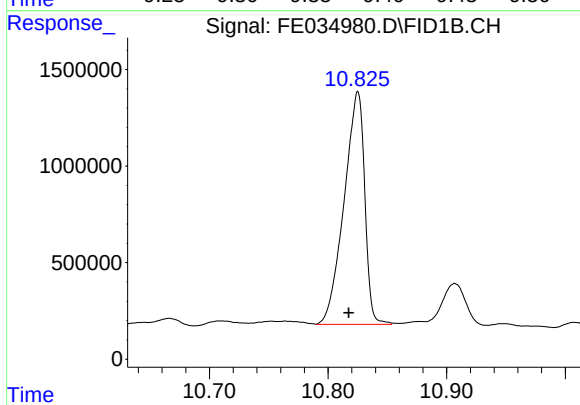
#6 n-Tetradecane (C14)

R.T.: 7.794 min
Delta R.T.: 0.006 min
Response: 12497594
Conc: 47.78 ug/ml m



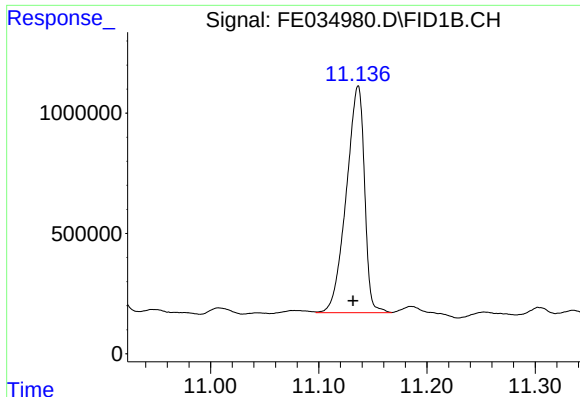
#7 n-Hexadecane (C16)

R.T.: 9.386 min
Delta R.T.: 0.003 min
Response: 13954553
Conc: 53.21 ug/ml m



#8 n-Octadecane (C18)

R.T.: 10.825 min
Delta R.T.: 0.007 min
Response: 14577607
Conc: 54.67 ug/ml m



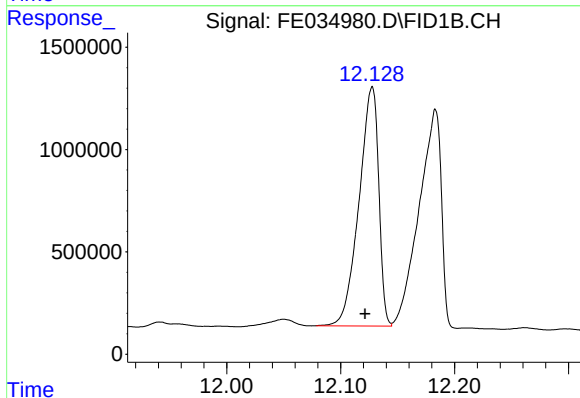
#9 ortho-Terphenyl (SURR)

R.T.: 11.136 min
Delta R.T.: 0.005 min
Response: 11045169
Conc: 37.71 ug/ml

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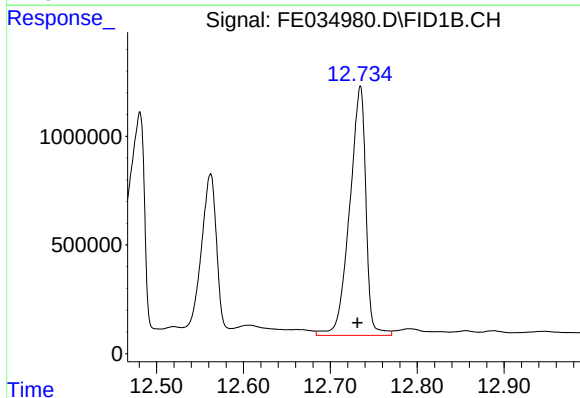
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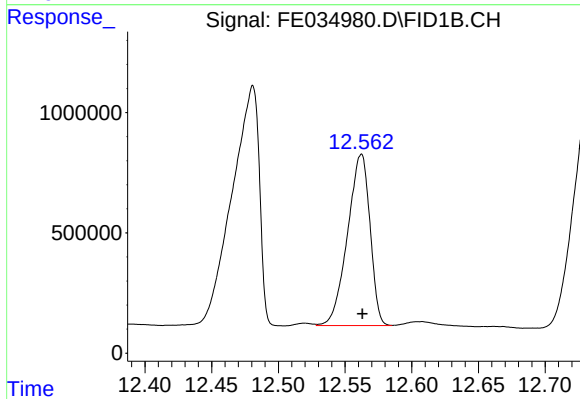
#10 n-Eicosane (C20)

R.T.: 12.128 min
Delta R.T.: 0.006 min
Response: 14042999
Conc: 53.77 ug/ml m



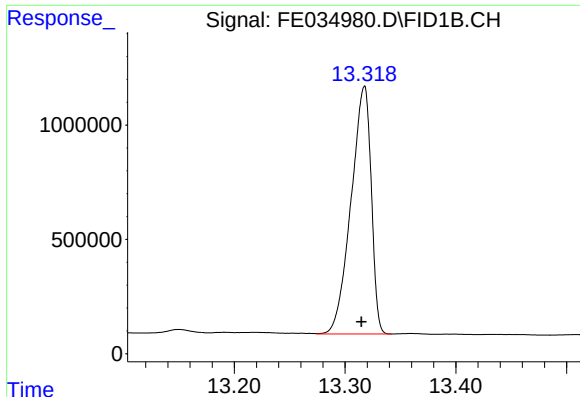
#11 n-Heneicosane (C21)

R.T.: 12.735 min
Delta R.T.: 0.003 min
Response: 14919182
Conc: 56.95 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 12.562 min
Delta R.T.: 0.000 min
Response: 8352276
Conc: 37.36 ug/ml m



#13 n-Docosane (C22)

R.T.: 13.317 min
Delta R.T.: 0.003 min
Response: 13715221
Conc: 53.20 ug/ml

Instrument :

FID_E

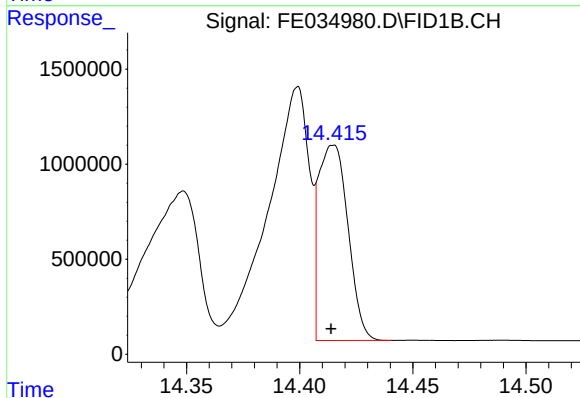
ClientSampleId :

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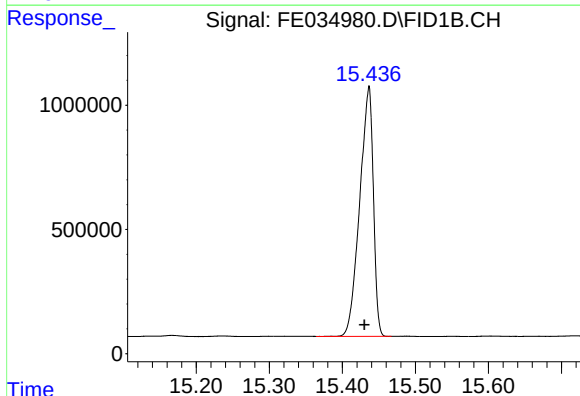
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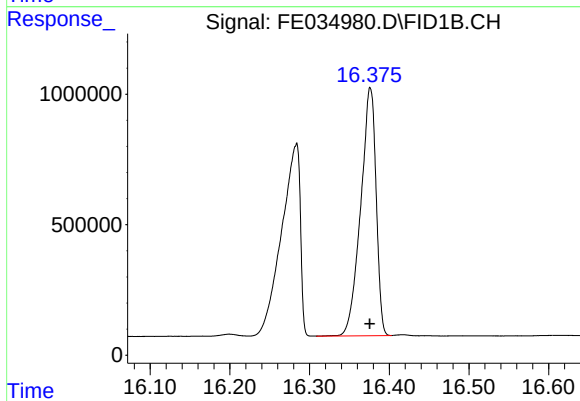
#14 n-Tetracosane (C24)

R.T.: 14.415 min
Delta R.T.: 0.000 min
Response: 9304916
Conc: 36.70 ug/ml



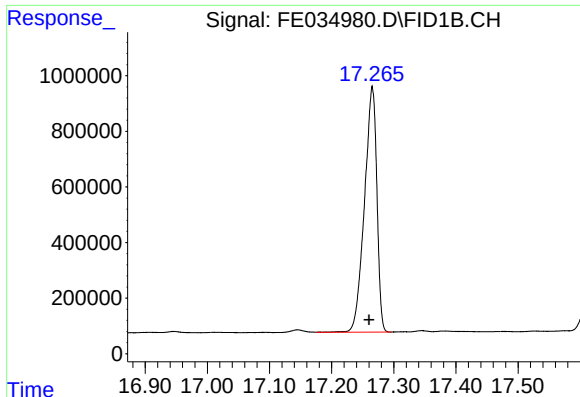
#15 n-Hexacosane (C26)

R.T.: 15.436 min
Delta R.T.: 0.006 min
Response: 13032319
Conc: 53.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 16.376 min
Delta R.T.: 0.000 min
Response: 12786194
Conc: 53.73 ug/ml



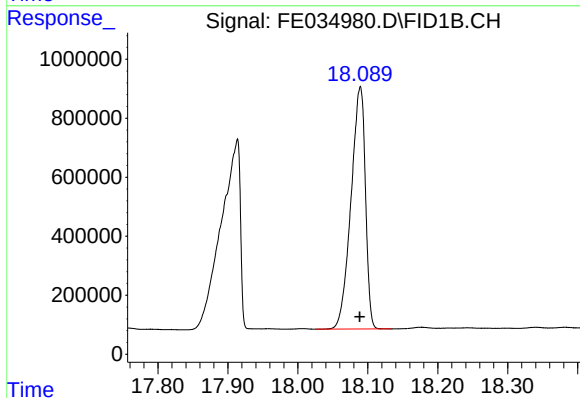
#17 n-Tricontane (C30)

R.T.: 17.265 min
Delta R.T.: 0.005 min
Response: 12229360
Conc: 53.18 ug/ml

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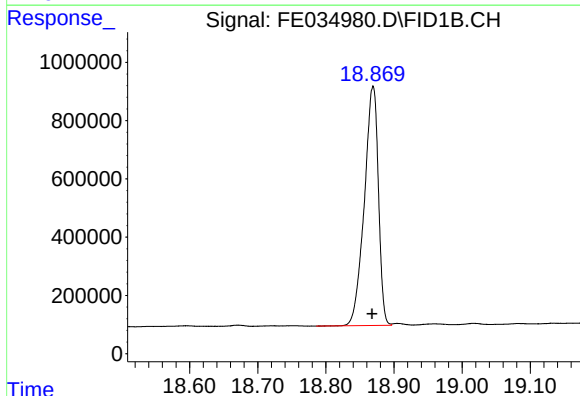
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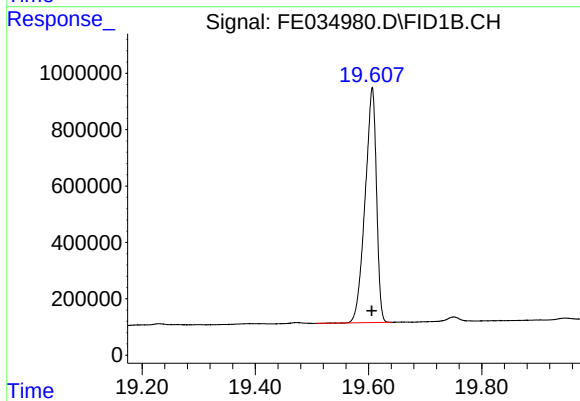
#18 n-Dotriacontane (C32)

R.T.: 18.089 min
Delta R.T.: 0.000 min
Response: 11752930
Conc: 54.98 ug/ml



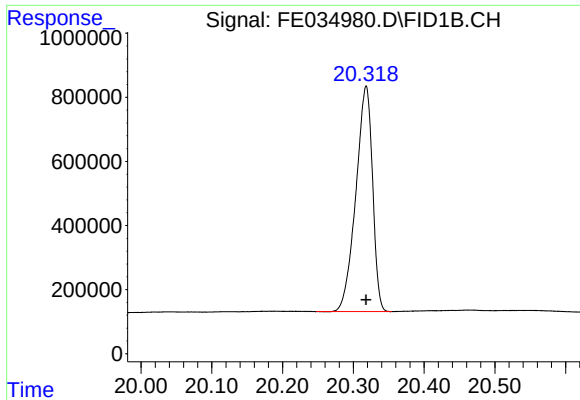
#19 n-Tetratriacontane (C34)

R.T.: 18.869 min
Delta R.T.: 0.001 min
Response: 11777762
Conc: 58.44 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 19.607 min
Delta R.T.: 0.001 min
Response: 11634043
Conc: 61.51 ug/ml



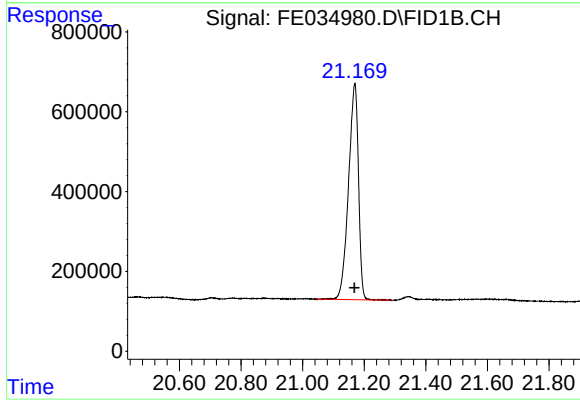
#21 n-Octatriacontane (C38)

R.T.: 20.318 min
Delta R.T.: 0.000 min
Response: 11513545
Conc: 63.29 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.169 min
Delta R.T.: 0.001 min
Response: 12170045
Conc: 66.44 ug/ml