

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081723AL\
 Data File : FE044024.D
 Signal(s) : FID1B.ch
 Acq On : 17 Aug 2023 16:40
 Operator : YP\AJ
 Sample : 04042-01MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 TP-376MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/18/2023
 Supervised By :Ankita Jodhani 08/18/2023

Integration File: autoint1.e
 Quant Time: Aug 17 23:44:29 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)	11.949	5999908	29.115 ug/ml
Spiked Amount 50.000		Recovery =	58.23%
12) S 1-chlorooctadecane (S...	13.386	4760158	30.505 ug/mlm
Spiked Amount 50.000		Recovery =	61.01%
Target Compounds			
1) T n-Nonane (C9)	3.341	4483630	27.765 ug/ml
2) T n-Decane (C10)	4.592	5071092	30.768 ug/ml
3) T A~Naphthalene (C11.7)	6.290	5998781	32.947 ug/ml
4) T n-Dodecane (C12)	6.753	5622730	33.596 ug/ml
5) T A~2-methylnaphthalene...	7.385	6192291	34.783 ug/ml
6) T n-Tetradecane (C14)	8.580	6157274	36.545 ug/ml
7) T n-Hexadecane (C16)	10.187	6734358	38.177 ug/ml
8) T n-Octadecane (C18)	11.632	6923863	38.222 ug/ml
10) T n-Eicosane (C20)	12.942	7207996	40.731 ug/ml
11) T n-Heneicosane (C21)	13.553	6776475	38.272 ug/ml
13) T n-Docosane (C22)	14.141	6879483	39.221 ug/ml
14) T n-Tetracosane (C24)	15.244	4732844	26.937 ug/ml
15) T n-Hexacosane (C26)	16.268	6243226	36.123 ug/ml
16) T n-Octacosane (C28)	17.216	6394039	38.215 ug/ml
17) T n-Tricontane (C30)	18.106	6088124	36.758 ug/ml
18) T n-Dotriacontane (C32)	18.939	5738883	36.347 ug/ml
19) T n-Tetratriacontane (C34)	19.723	5477078	36.858 ug/ml
20) T n-Hexatriacontane (C36)	20.463	4878670	34.903 ug/ml
21) T n-Octatriacontane (C38)	21.208	4913727	36.833 ug/ml
22) T n-Tetracontane (C40)	22.135	5154576	39.949 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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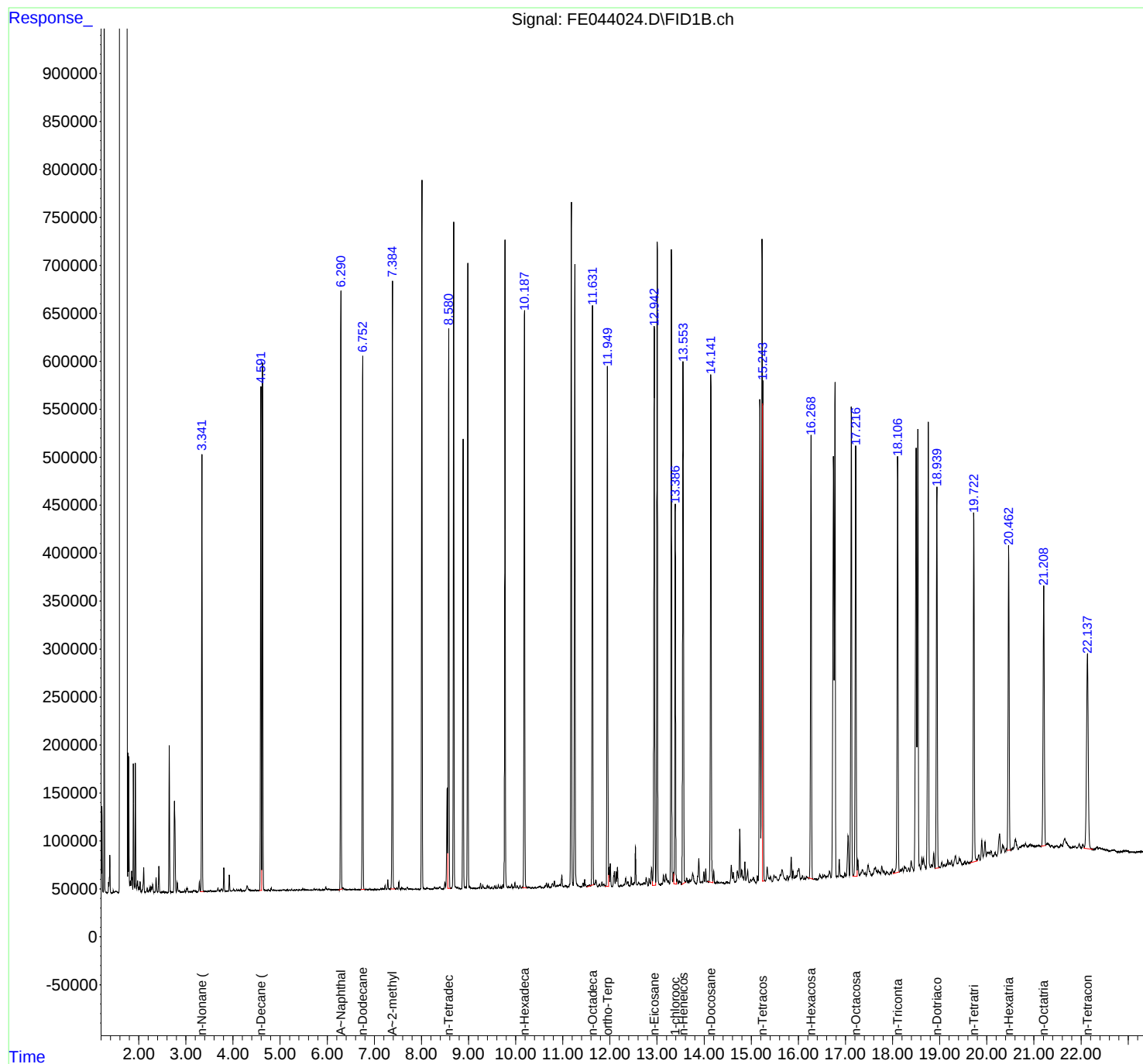
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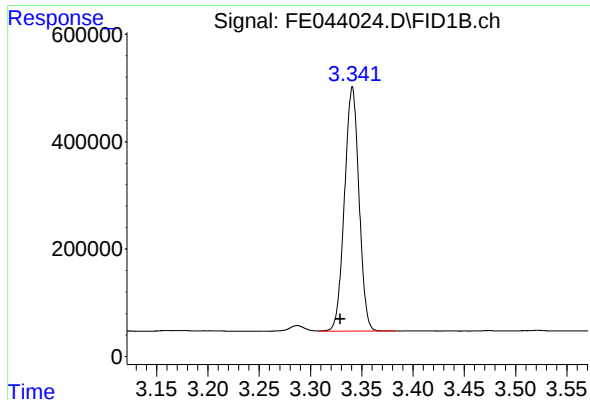
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#1 n-Nonane (C9)

R.T.: 3.341 min
Delta R.T.: 0.012 min
Response: 4483630
Conc: 27.76 ug/ml

Instrument :

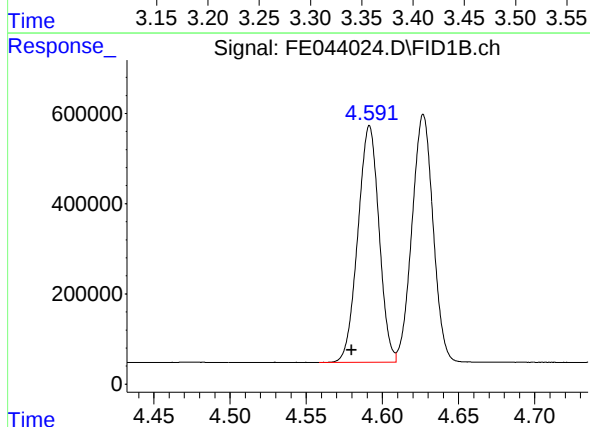
FID_E

ClientSampleId :

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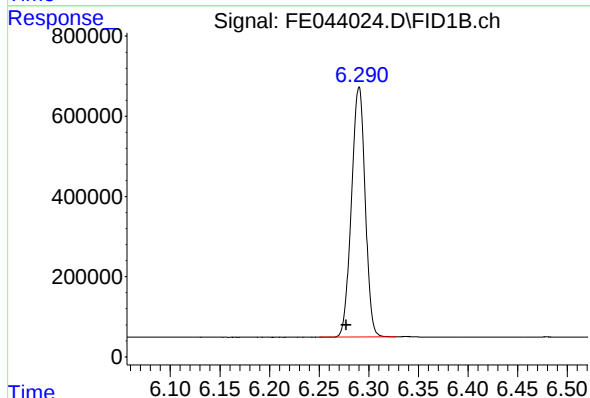
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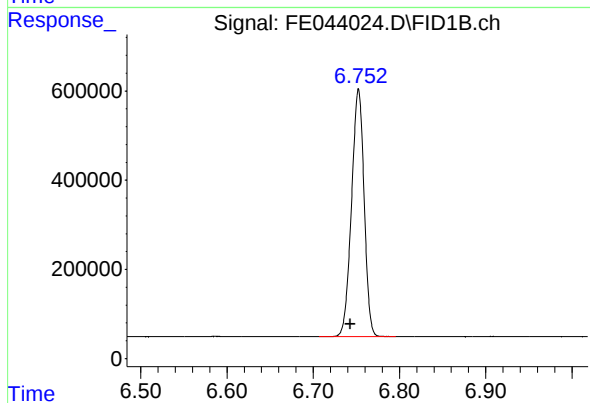
#2 n-Decane (C10)

R.T.: 4.592 min
Delta R.T.: 0.012 min
Response: 5071092
Conc: 30.77 ug/ml



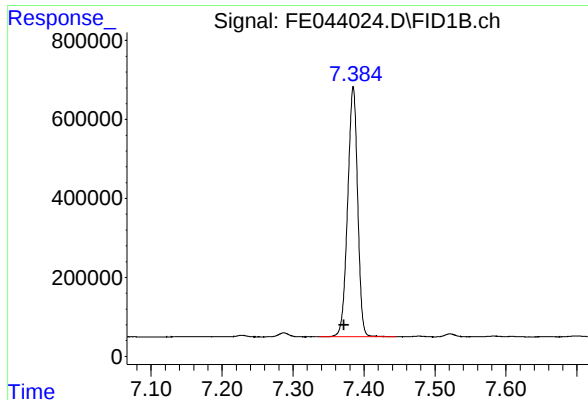
#3 A~Naphthalene (C11.7)

R.T.: 6.290 min
Delta R.T.: 0.013 min
Response: 5998781
Conc: 32.95 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.753 min
Delta R.T.: 0.009 min
Response: 5622730
Conc: 33.60 ug/ml



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

R.T.: 7.385 min
Delta R.T.: 0.013 min
Response: 6192291
Conc: 34.78 ug/ml

Instrument :

FID_E

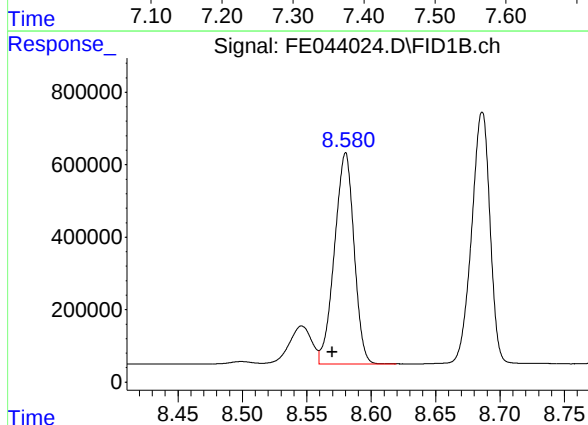
ClientSampleId :

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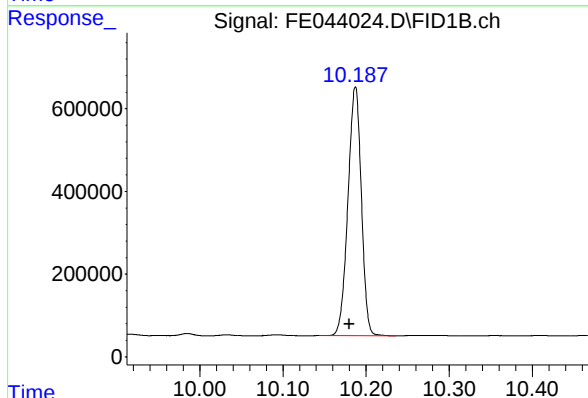
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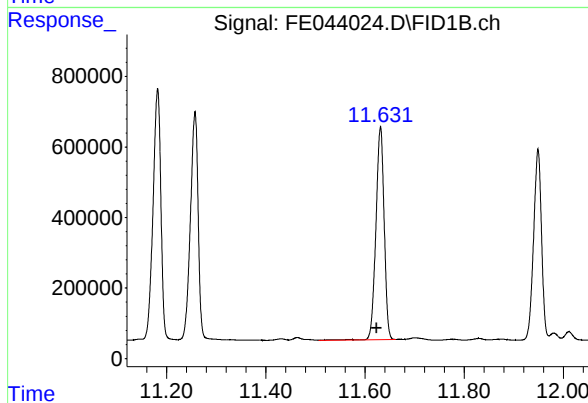
#6 n-Tetradecane (C14)

R.T.: 8.580 min
Delta R.T.: 0.011 min
Response: 6157274
Conc: 36.55 ug/ml



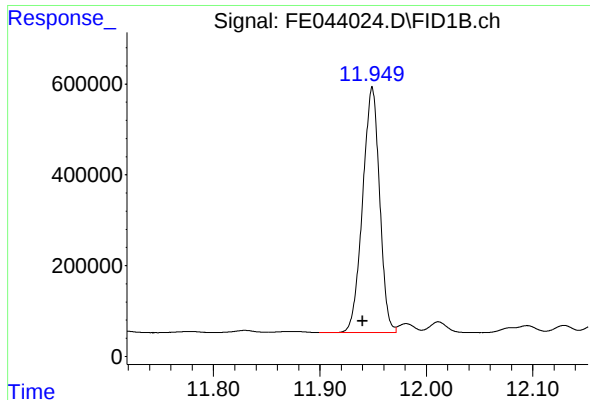
#7 n-Hexadecane (C16)

R.T.: 10.187 min
Delta R.T.: 0.008 min
Response: 6734358
Conc: 38.18 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.632 min
Delta R.T.: 0.008 min
Response: 6923863
Conc: 38.22 ug/ml



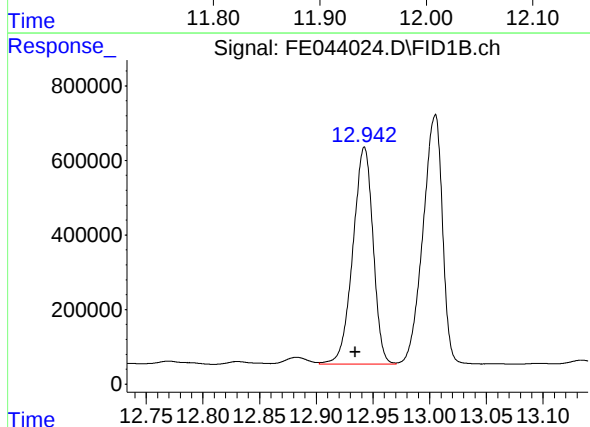
#9 ortho-Terphenyl (SURR)

R.T.: 11.949 min
Delta R.T.: 0.009 min
Response: 5999908
Conc: 29.12 ug/ml

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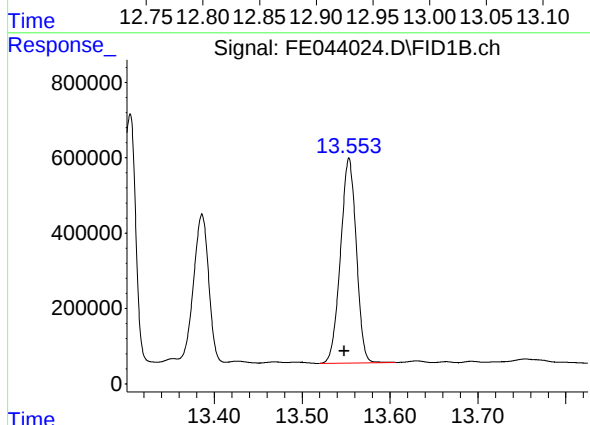
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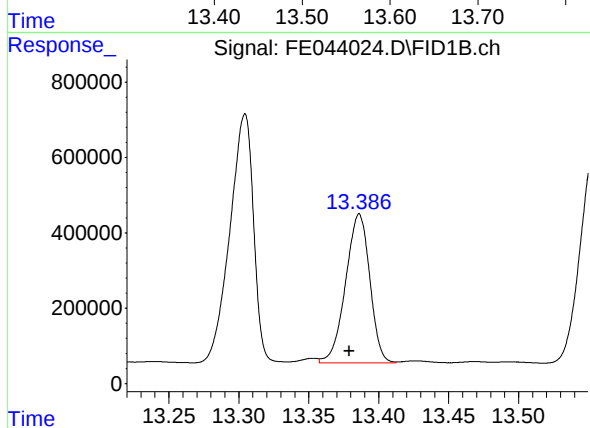
#10 n-Eicosane (C20)

R.T.: 12.942 min
Delta R.T.: 0.008 min
Response: 7207996
Conc: 40.73 ug/ml



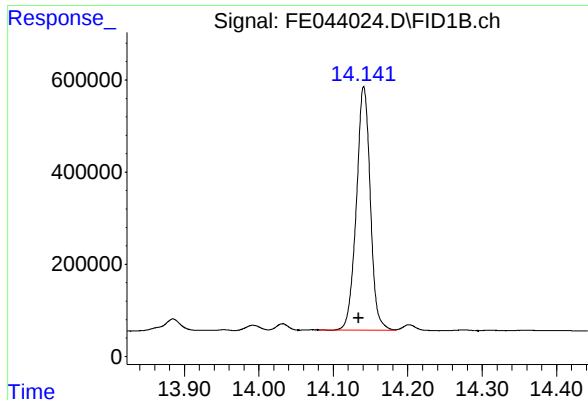
#11 n-Heneicosane (C21)

R.T.: 13.553 min
Delta R.T.: 0.005 min
Response: 6776475
Conc: 38.27 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.386 min
Delta R.T.: 0.007 min
Response: 4760158
Conc: 30.50 ug/ml m



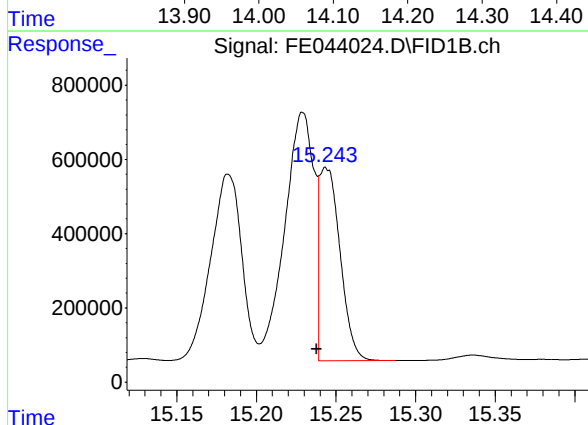
#13 n-Docosane (C22)

R.T.: 14.141 min
Delta R.T.: 0.007 min
Response: 6879483
Conc: 39.22 ug/ml

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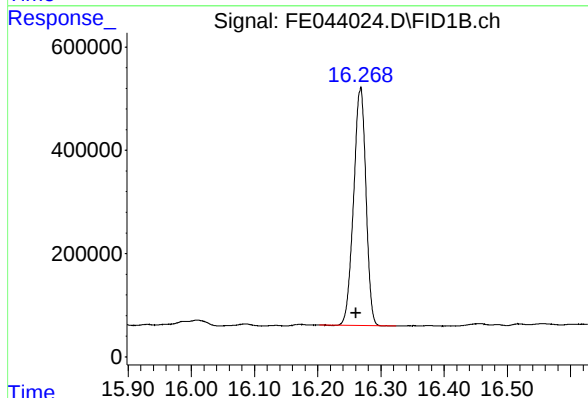
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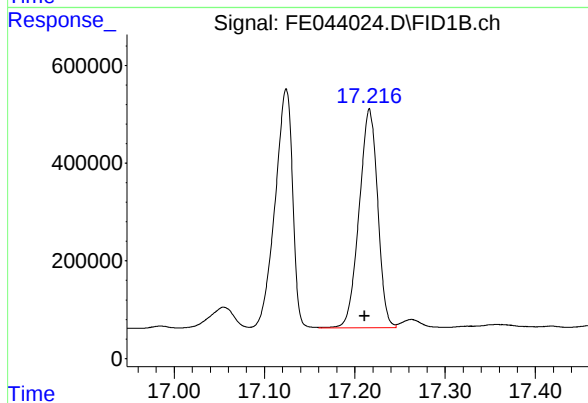
#14 n-Tetracosane (C24)

R.T.: 15.244 min
Delta R.T.: 0.006 min
Response: 4732844
Conc: 26.94 ug/ml



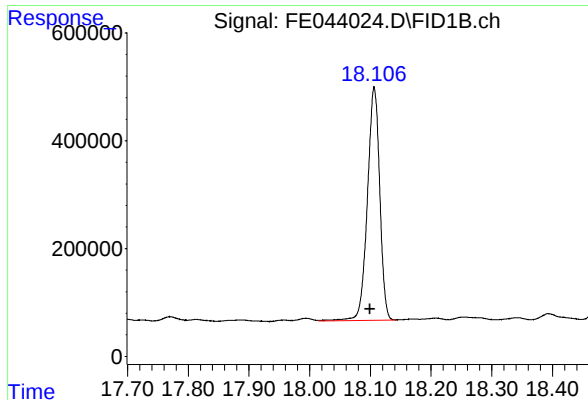
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: 0.007 min
Response: 6243226
Conc: 36.12 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.216 min
Delta R.T.: 0.005 min
Response: 6394039
Conc: 38.21 ug/ml



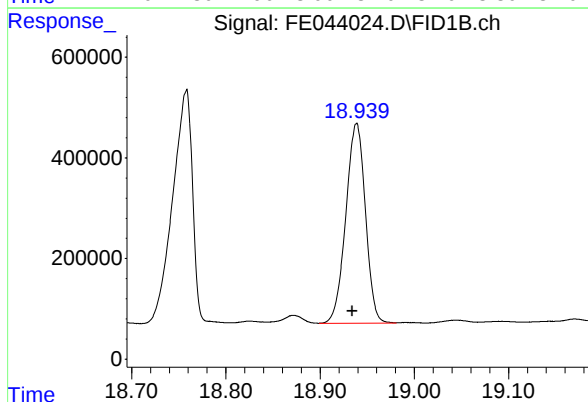
#17 n-Tricontane (C30)

R.T.: 18.106 min
Delta R.T.: 0.007 min
Response: 6088124
Conc: 36.76 ug/ml

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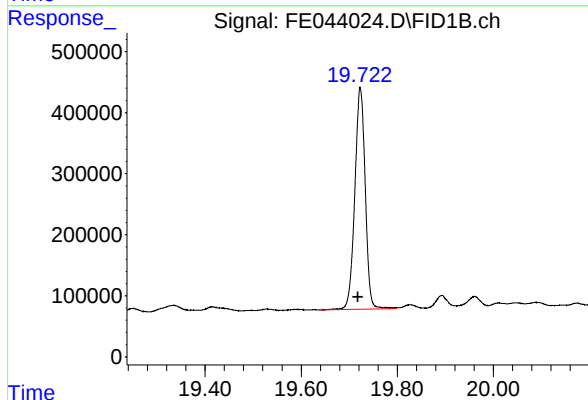
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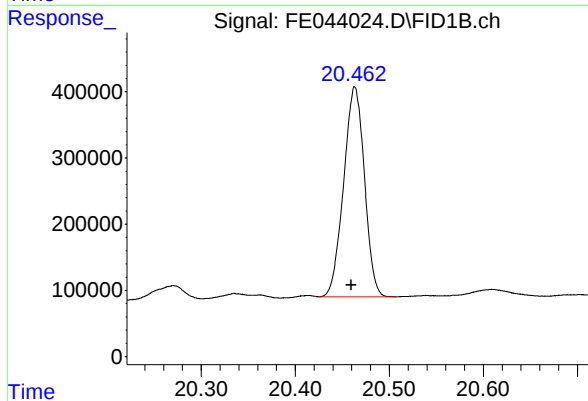
#18 n-Dotriacontane (C32)

R.T.: 18.939 min
Delta R.T.: 0.005 min
Response: 5738883
Conc: 36.35 ug/ml



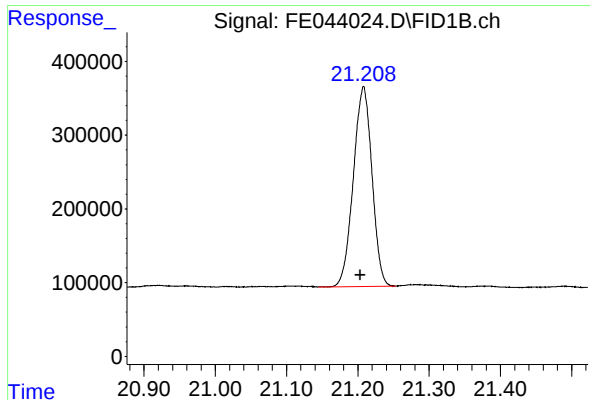
#19 n-Tetratriacontane (C34)

R.T.: 19.723 min
Delta R.T.: 0.004 min
Response: 5477078
Conc: 36.86 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.463 min
Delta R.T.: 0.004 min
Response: 4878670
Conc: 34.90 ug/ml



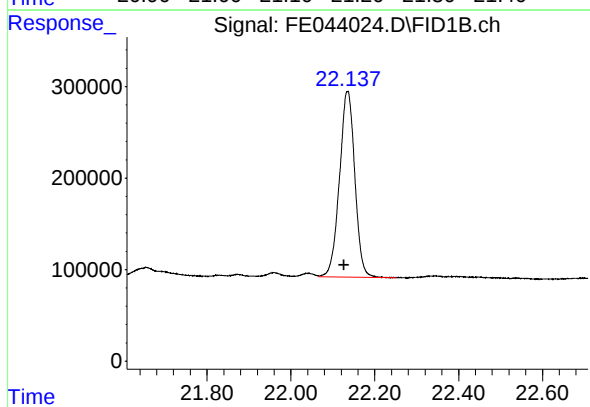
#21 n-Octatriacontane (C38)

R.T.: 21.208 min
Delta R.T.: 0.005 min
Response: 4913727
Conc: 36.83 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.135 min
Delta R.T.: 0.009 min
Response: 5154576
Conc: 39.95 ug/ml