

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE081424AL\
 Data File : FE049600.D
 Signal(s) : FID1B.ch
 Acq On : 14 Aug 2024 17:02
 Operator : YP\AJ
 Sample : P3597-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

SP-1-COMPMSD

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 08/15/2024

Supervised By :Ankita Jodhani 08/15/2024

Integration File: autoint1.e

Quant Time: Aug 15 03:53:18 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 081424.M

Quant Title : GC Extractables

QLast Update : Wed Aug 14 11:05:17 2024

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)	11.888	4525287	27.984 ug/ml
Spiked Amount 50.000		Recovery =	55.97%
12) S 1-chlorooctadecane (S...	13.322	3637211	29.812 ug/ml
Spiked Amount 50.000		Recovery =	59.62%
Target Compounds			
1) T n-Nonane (C9)	3.279	3966408	25.630 ug/ml
2) T n-Decane (C10)	4.529	4409564	27.928 ug/ml
3) T A~Naphthalene (C11.7)	6.233	4570234	28.483 ug/mlm
4) T n-Dodecane (C12)	6.695	4680428	29.772 ug/ml
5) T A~2-methylnaphthalene...	7.330	4538638	30.307 ug/ml
6) T n-Tetradecane (C14)	8.523	4933127	31.954 ug/ml
7) T n-Hexadecane (C16)	10.129	5214607	33.388 ug/ml
8) T n-Octadecane (C18)	11.571	5403744	34.407 ug/ml
10) T n-Eicosane (C20)	12.879	5402012	36.181 ug/ml
11) T n-Heneicosane (C21)	13.490	5311357	36.206 ug/ml
13) T n-Docosane (C22)	14.076	5265736	36.128 ug/ml
14) T n-Tetracosane (C24)	15.171	9533685	65.539 ug/ml
15) T n-Hexacosane (C26)	16.197	5163245	35.775 ug/ml
16) T n-Octacosane (C28)	17.145	5443860	37.794 ug/ml
17) T n-Tricontane (C30)	18.032	5323689	35.561 ug/ml
18) T n-Dotriacontane (C32)	18.863	5257698	34.754 ug/ml
19) T n-Tetratriacontane (C34)	19.645	5536474	36.214 ug/ml
20) T n-Hexatriacontane (C36)	20.385	5489746	36.152 ug/ml
21) T n-Octatriacontane (C38)	21.114	5625458	35.842 ug/ml
22) T n-Tetracontane (C40)	22.010	5511831	36.101 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 17 Sample Multiplier: 1

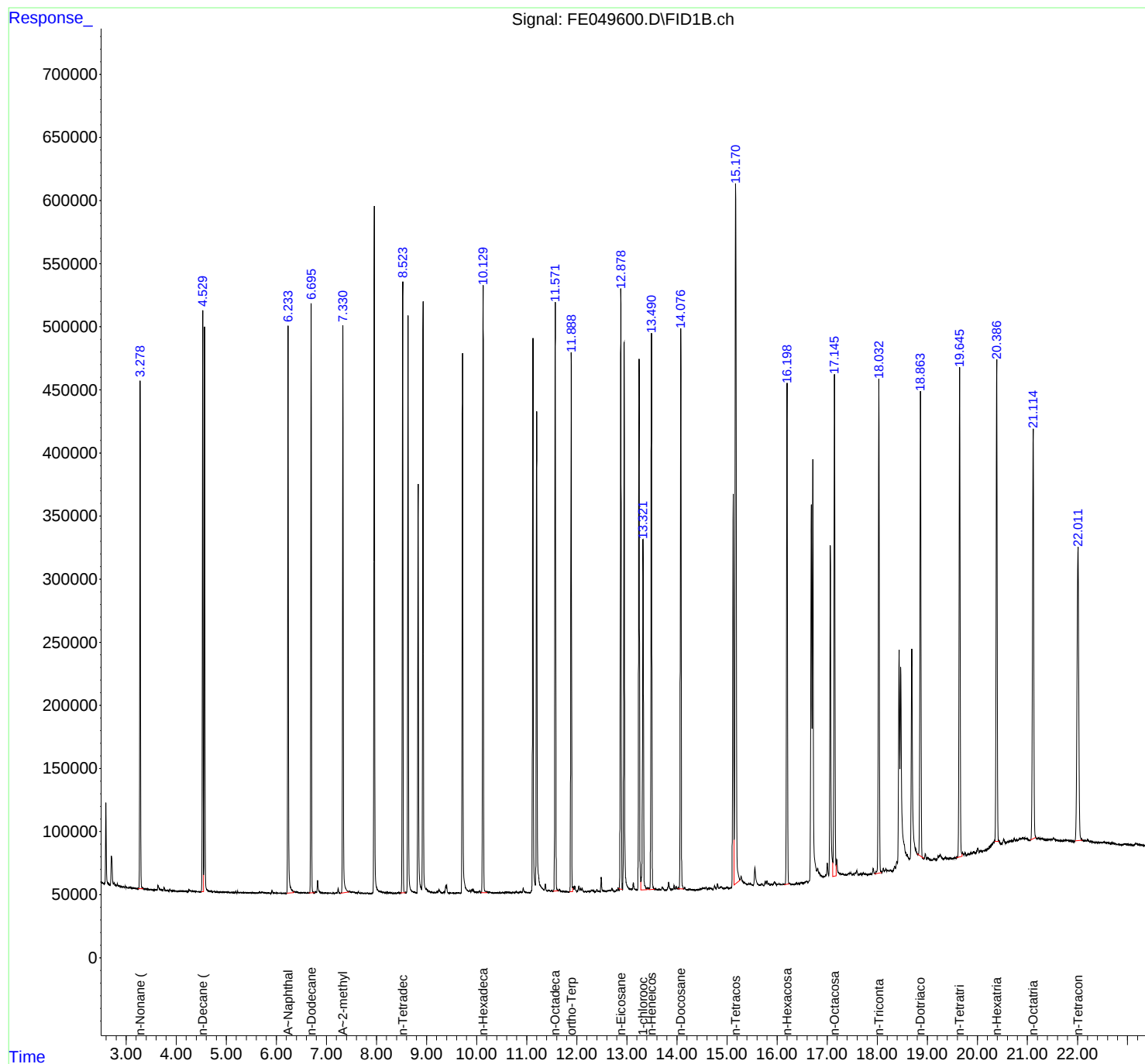
Instrument :
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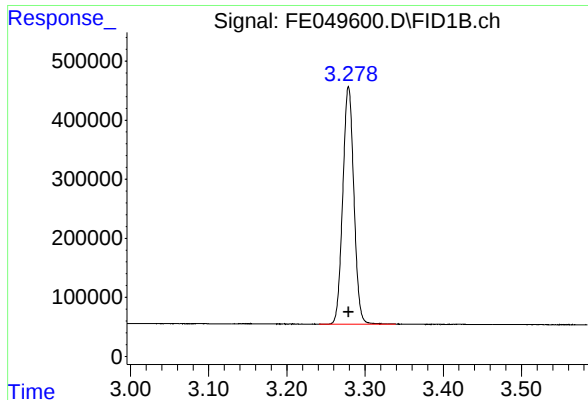
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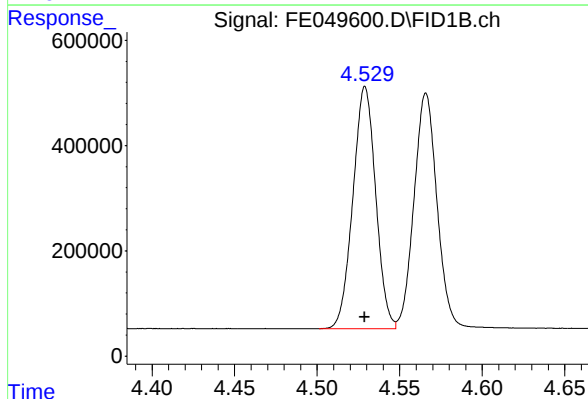
#1 n-Nonane (C9)

R.T.: 3.279 min
Delta R.T.: 0.000 min
Response: 3966408
Conc: 25.63 ug/ml

Instrument :
FID_E
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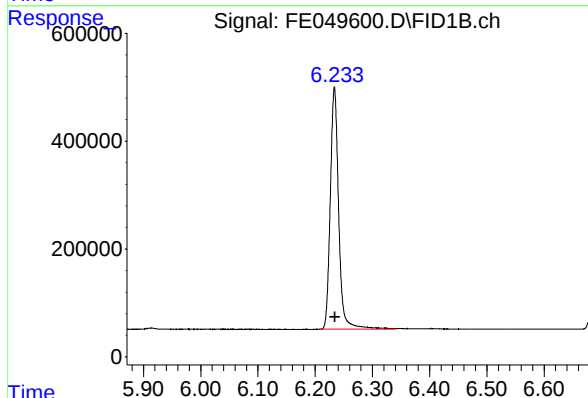
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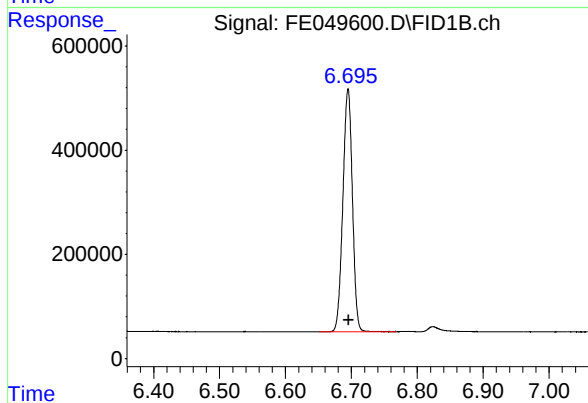
#2 n-Decane (C10)

R.T.: 4.529 min
Delta R.T.: 0.000 min
Response: 4409564
Conc: 27.93 ug/ml



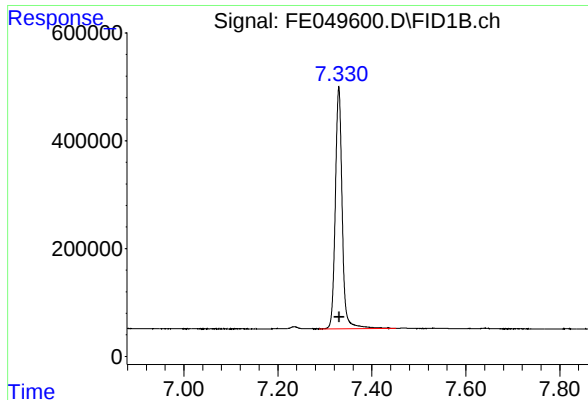
#3 A~Naphthalene (C11.7)

R.T.: 6.233 min
Delta R.T.: -0.002 min
Response: 4570234
Conc: 28.48 ug/ml m



#4 n-Dodecane (C12)

R.T.: 6.695 min
Delta R.T.: 0.000 min
Response: 4680428
Conc: 29.77 ug/ml



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

R.T.: 7.330 min
Delta R.T.: -0.001 min
Response: 4538638
Conc: 30.31 ug/ml

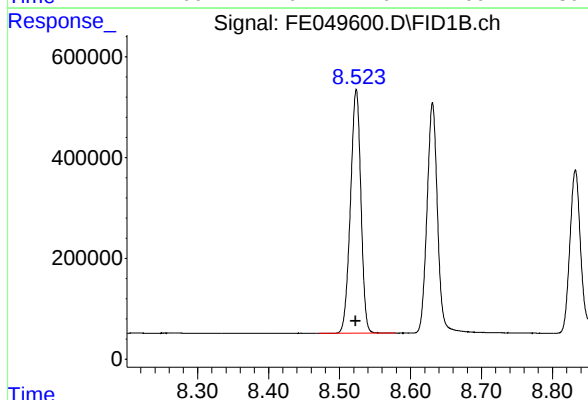
Instrument :

FID_E

ClientSampleId :
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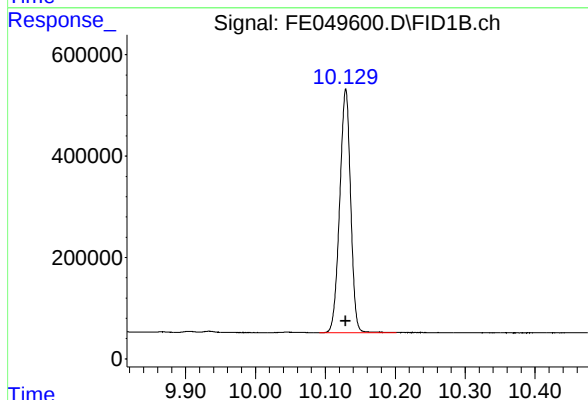
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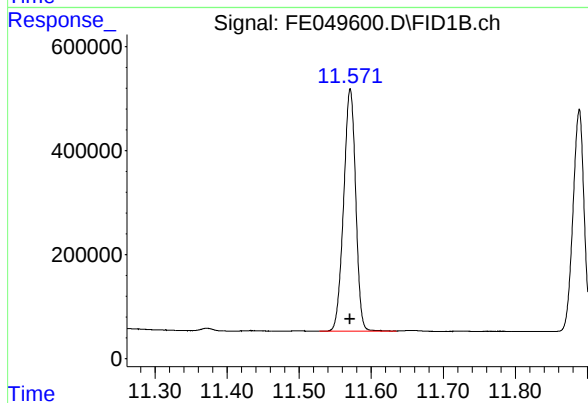
#6 n-Tetradecane (C14)

R.T.: 8.523 min
Delta R.T.: 0.000 min
Response: 4933127
Conc: 31.95 ug/ml



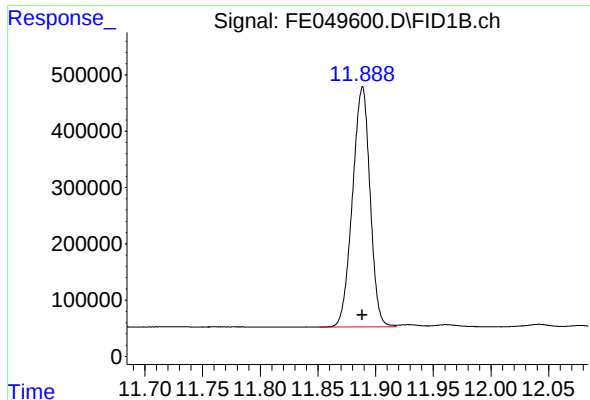
#7 n-Hexadecane (C16)

R.T.: 10.129 min
Delta R.T.: 0.000 min
Response: 5214607
Conc: 33.39 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.571 min
Delta R.T.: 0.000 min
Response: 5403744
Conc: 34.41 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.888 min
Delta R.T.: 0.000 min
Response: 4525287
Conc: 27.98 ug/ml

Instrument :

FID_E

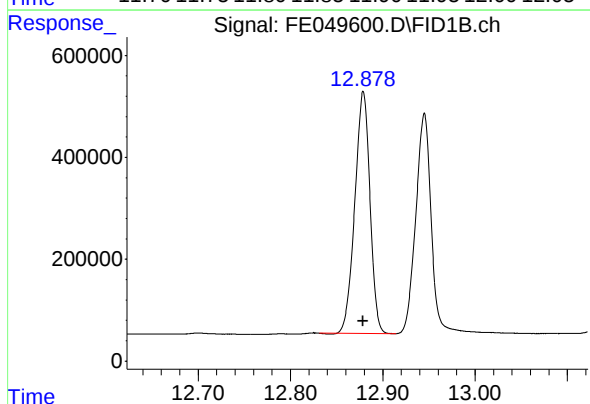
ClientSampleId :

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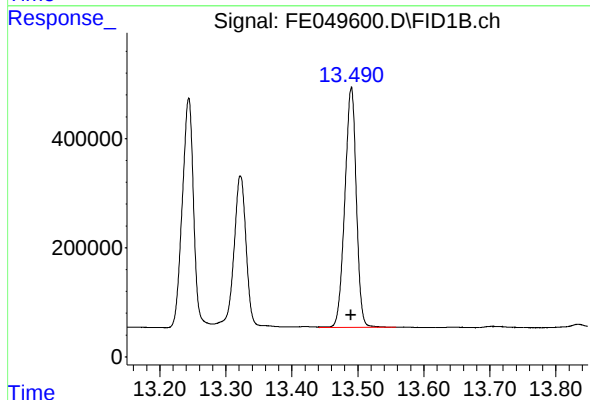
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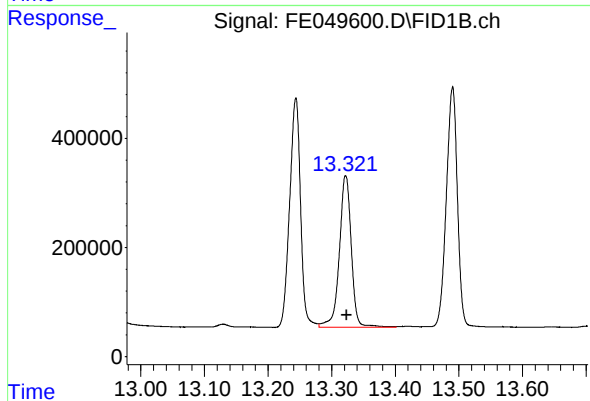
#10 n-Eicosane (C20)

R.T.: 12.879 min
Delta R.T.: 0.000 min
Response: 5402012
Conc: 36.18 ug/ml



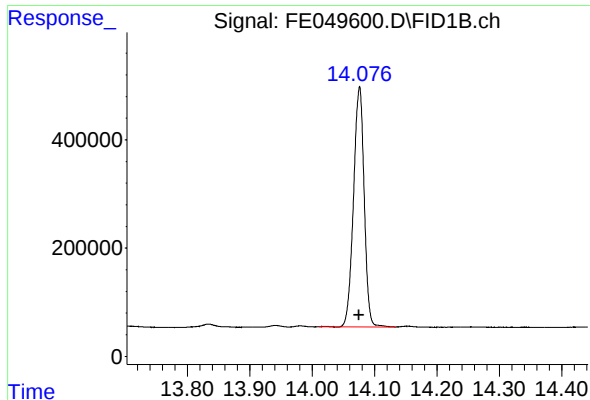
#11 n-Heneicosane (C21)

R.T.: 13.490 min
Delta R.T.: 0.000 min
Response: 5311357
Conc: 36.21 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.322 min
Delta R.T.: -0.001 min
Response: 3637211
Conc: 29.81 ug/ml



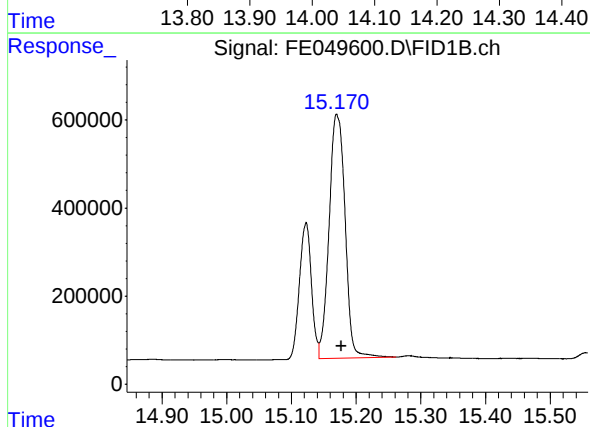
#13 n-Docosane (C22)

R.T.: 14.076 min
Delta R.T.: 0.000 min
Response: 5265736
Conc: 36.13 ug/ml

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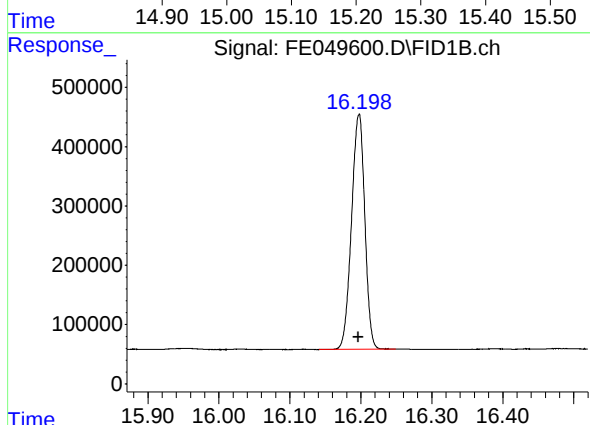
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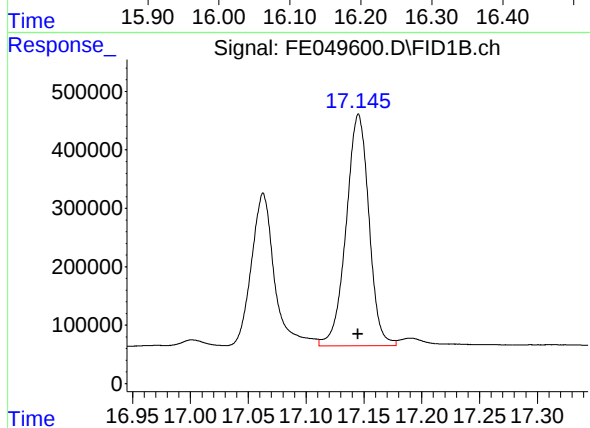
#14 n-Tetracosane (C24)

R.T.: 15.171 min
Delta R.T.: -0.006 min
Response: 9533685
Conc: 65.54 ug/ml



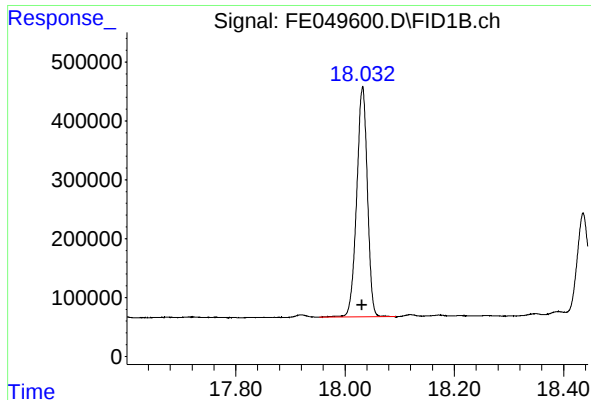
#15 n-Hexacosane (C26)

R.T.: 16.197 min
Delta R.T.: 0.000 min
Response: 5163245
Conc: 35.78 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.145 min
Delta R.T.: 0.000 min
Response: 5443860
Conc: 37.79 ug/ml



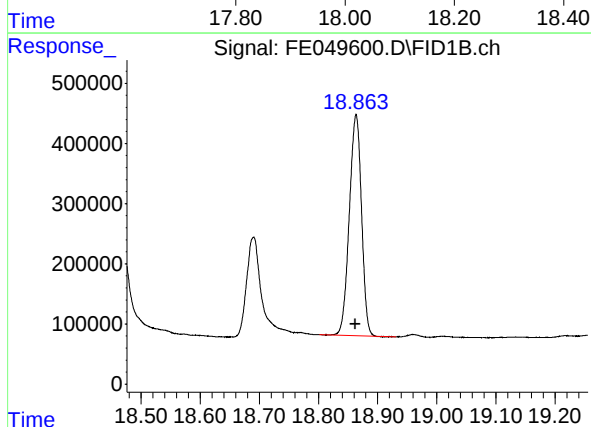
#17 n-Tricontane (C30)

R.T.: 18.032 min
Delta R.T.: 0.000 min
Response: 5323689
Conc: 35.56 ug/ml

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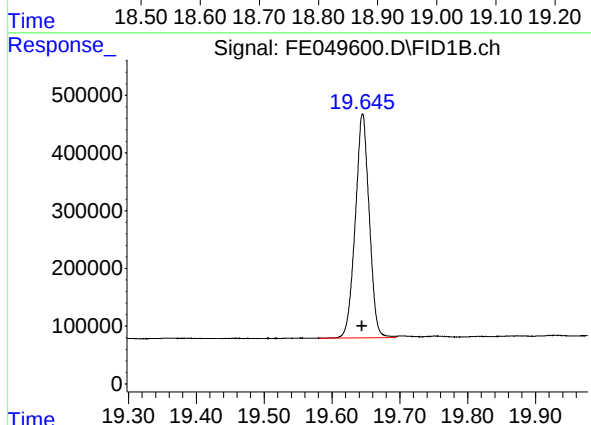
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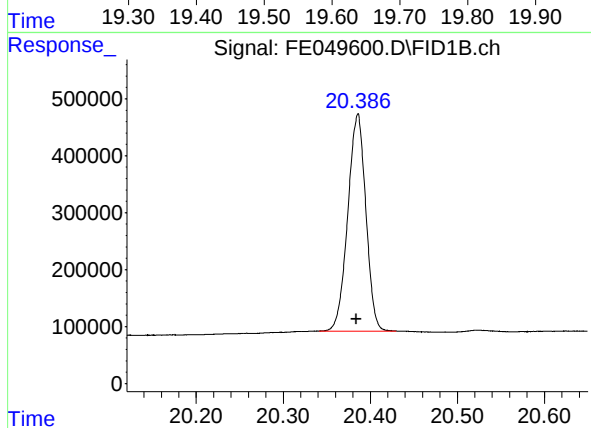
#18 n-Dotriacontane (C32)

R.T.: 18.863 min
Delta R.T.: 0.001 min
Response: 5257698
Conc: 34.75 ug/ml



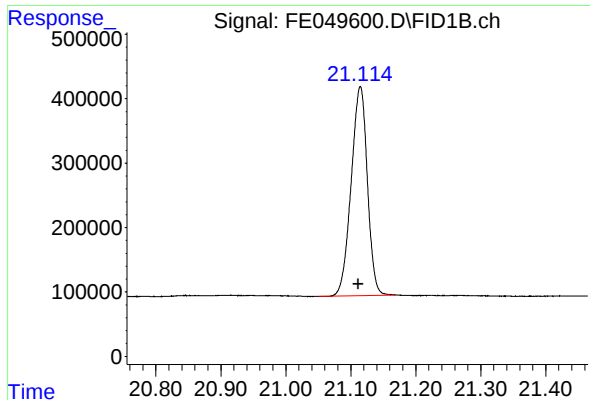
#19 n-Tetratriacontane (C34)

R.T.: 19.645 min
Delta R.T.: 0.000 min
Response: 5536474
Conc: 36.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.385 min
Delta R.T.: 0.001 min
Response: 5489746
Conc: 36.15 ug/ml



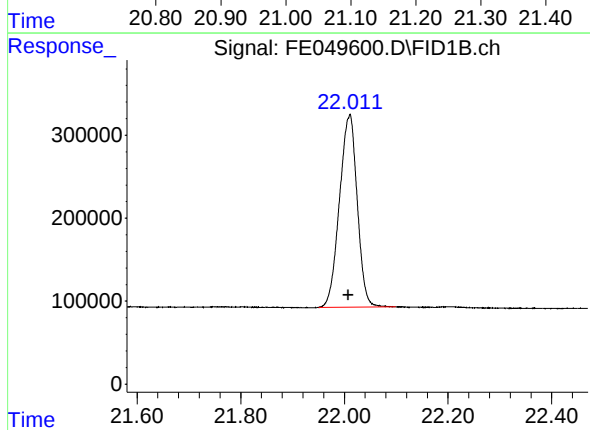
#21 n-Octatriacontane (C38)

R.T.: 21.114 min
Delta R.T.: 0.003 min
Response: 5625458
Conc: 35.84 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.010 min
Delta R.T.: 0.003 min
Response: 5511831
Conc: 36.10 ug/ml