

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021925AL\
 Data File : FE052403.D
 Signal(s) : FID1B.ch
 Acq On : 19 Feb 2025 14:02
 Operator : YP\AJ
 Sample : PB166773BSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166773BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/20/2025
 Supervised By :Ankita Jodhani 02/20/2025

Integration File: autoint1.e
 Quant Time: Feb 20 00:17:52 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 021325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 14 00:50:00 2025
 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)	11.915	6592546	35.267 ug/ml
Spiked Amount 50.000		Recovery =	70.53%
12) S 1-chlorooctadecane (S...	13.361	5148142	37.038 ug/ml
Spiked Amount 50.000		Recovery =	74.08%
Target Compounds			
1) T n-Nonane (C9)	3.263	5559145	36.216 ug/ml
2) T n-Decane (C10)	4.521	5931615	37.977 ug/ml
3) T A~Naphthalene (C11.7)	6.228	7017142	40.616 ug/ml
4) T n-Dodecane (C12)	6.698	6118802	38.765 ug/ml
5) T A~2-methylnaphthalene...	7.330	6458383	38.454 ug/ml
6) T n-Tetradecane (C14)	8.537	6165902	39.145 ug/ml
7) T n-Hexadecane (C16)	10.150	6087373	37.246 ug/ml
8) T n-Octadecane (C18)	11.600	6035207	36.475 ug/ml
10) T n-Eicosane (C20)	12.916	6147107	38.559 ug/ml
11) T n-Heneicosane (C21)	13.530	5869739	37.465 ug/ml
13) T n-Docosane (C22)	14.118	5819444	37.186 ug/ml
14) T n-Tetracosane (C24)	15.203	12268109	78.007 ug/mlm
15) T n-Hexacosane (C26)	16.251	5622042	36.297 ug/ml
16) T n-Octacosane (C28)	17.201	5606854	36.655 ug/ml
17) T n-Tricontane (C30)	18.093	5567405	35.666 ug/ml
18) T n-Dotriacontane (C32)	18.926	5480384	35.815 ug/ml
19) T n-Tetratriacontane (C34)	19.713	5421117	38.106 ug/ml
20) T n-Hexatriacontane (C36)	20.455	5144398	41.275 ug/ml
21) T n-Octatriacontane (C38)	21.199	4982505	45.585 ug/ml
22) T n-Tetracontane (C40)	22.122	5069045	50.394 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Operator : YP\AJ
Sample : PB166773BSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

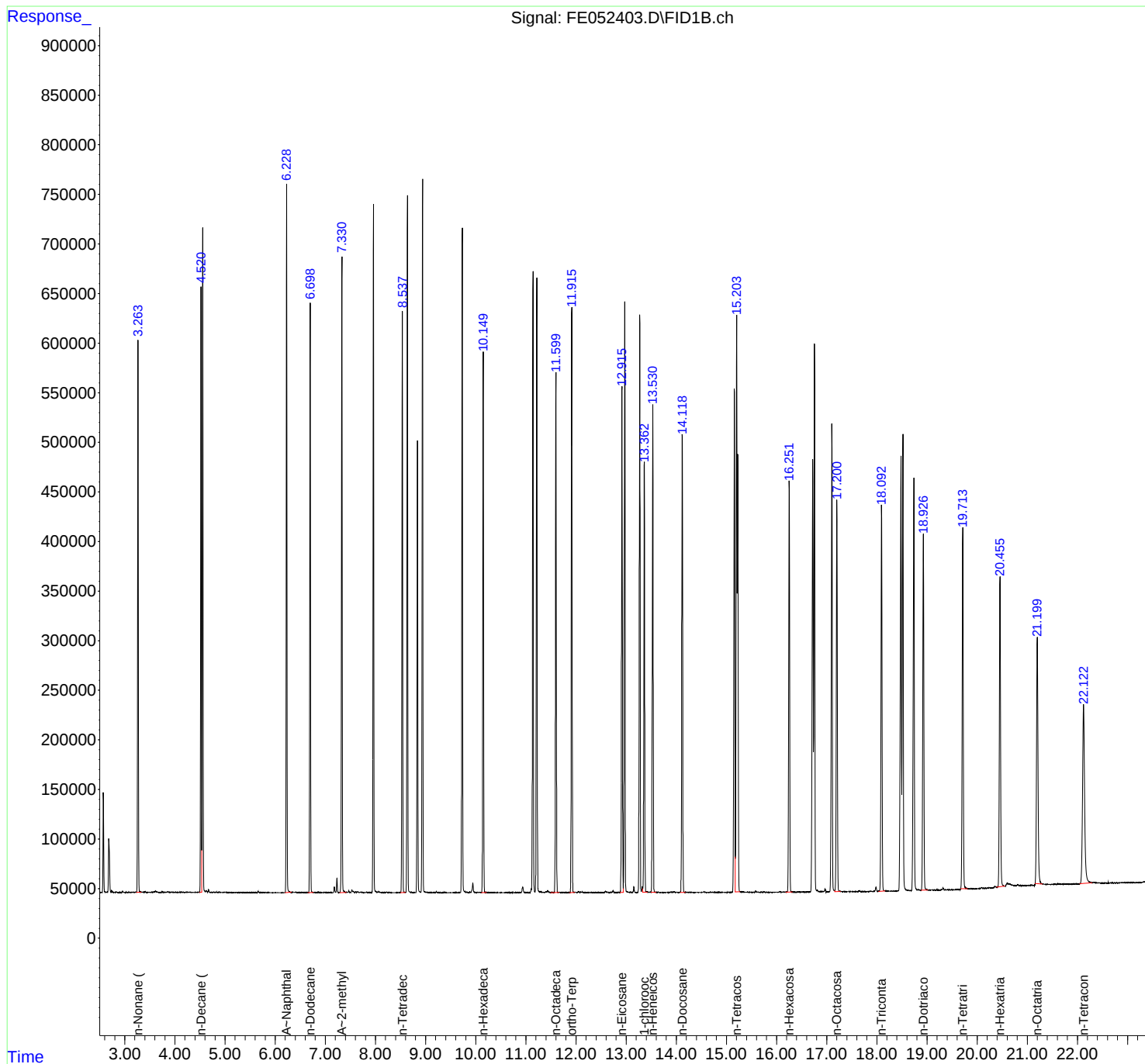
Instrument :
FID_E
ClientSampleId :
PB166773BSD

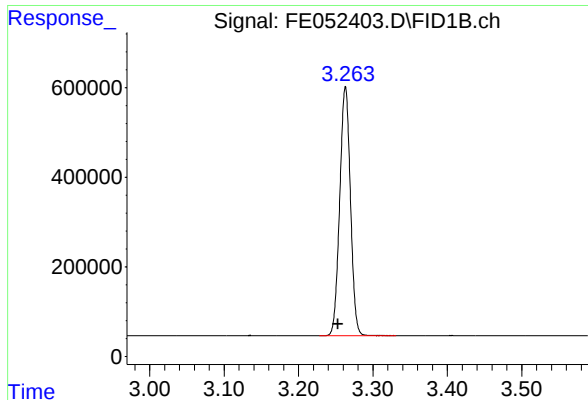
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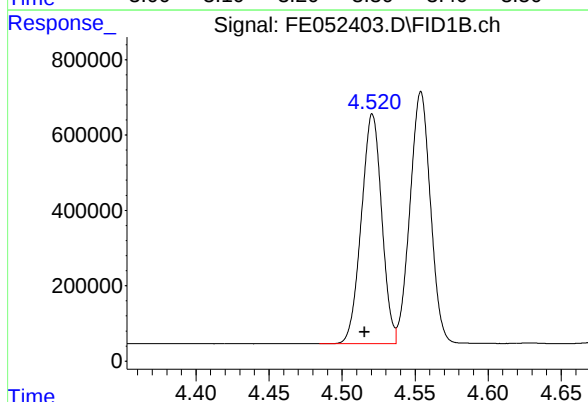
#1 n-Nonane (C9)

R.T.: 3.263 min
Delta R.T.: 0.010 min
Response: 5559145
Conc: 36.22 ug/ml

Instrument :
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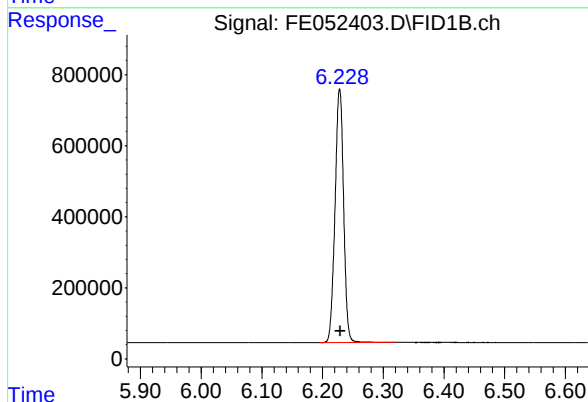
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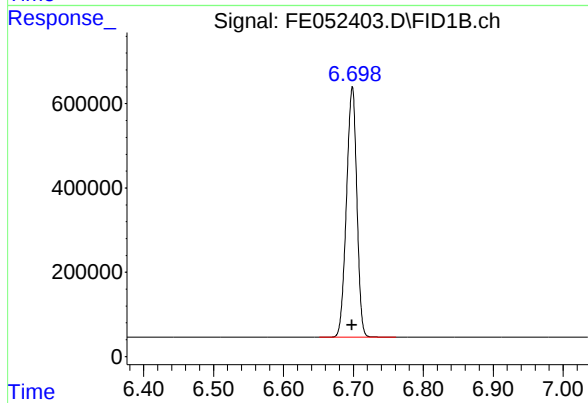
#2 n-Decane (C10)

R.T.: 4.521 min
Delta R.T.: 0.005 min
Response: 5931615
Conc: 37.98 ug/ml



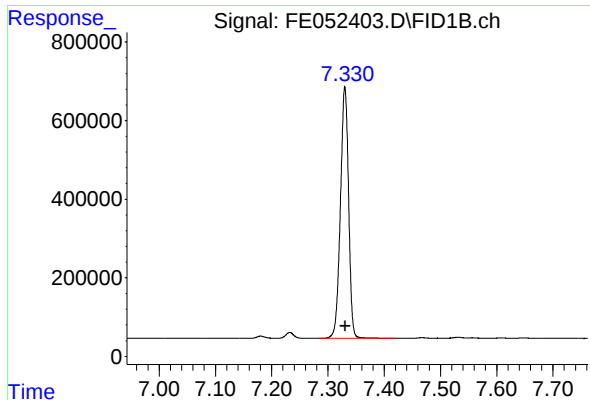
#3 A~Naphthalene (C11.7)

R.T.: 6.228 min
Delta R.T.: -0.001 min
Response: 7017142
Conc: 40.62 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.698 min
Delta R.T.: 0.000 min
Response: 6118802
Conc: 38.77 ug/ml



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

R.T.: 7.330 min
Delta R.T.: 0.000 min
Response: 6458383
Conc: 38.45 ug/ml

Instrument :

FID_E

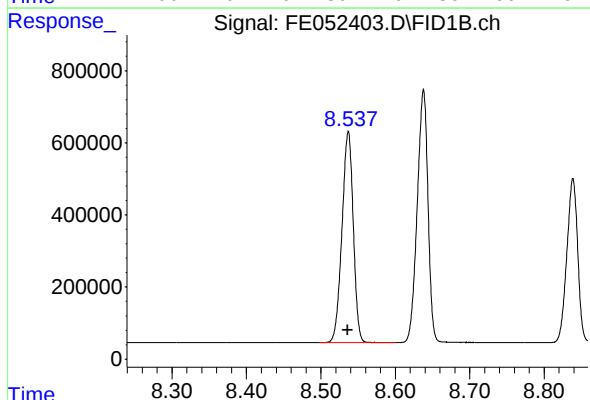
ClientSampleId :

PB166773BSD

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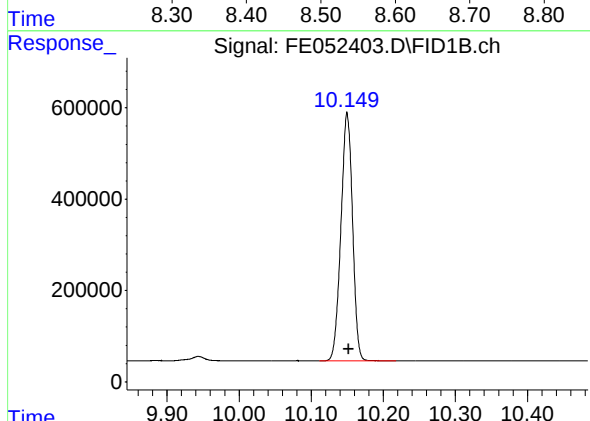
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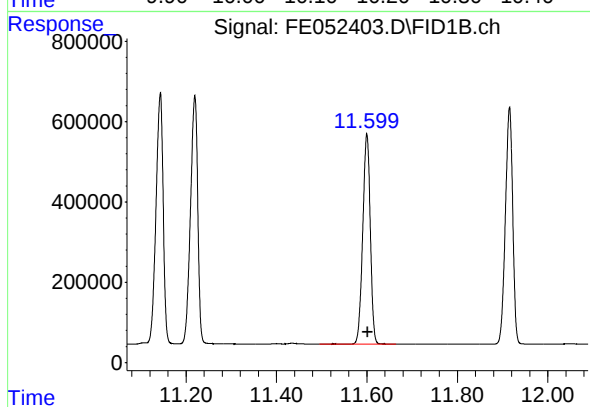
#6 n-Tetradecane (C14)

R.T.: 8.537 min
Delta R.T.: 0.000 min
Response: 6165902
Conc: 39.15 ug/ml



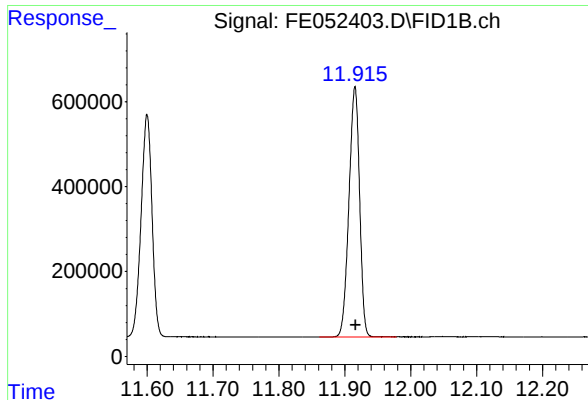
#7 n-Hexadecane (C16)

R.T.: 10.150 min
Delta R.T.: -0.002 min
Response: 6087373
Conc: 37.25 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.600 min
Delta R.T.: -0.002 min
Response: 6035207
Conc: 36.48 ug/ml



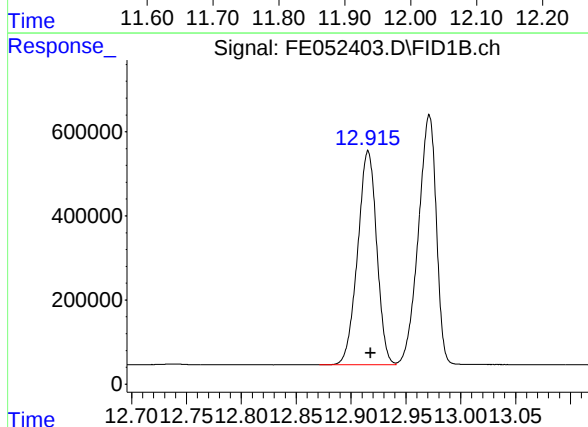
#9 ortho-Terphenyl (SURR)

R.T.: 11.915 min
Delta R.T.: -0.001 min
Response: 6592546
Conc: 35.27 ug/ml

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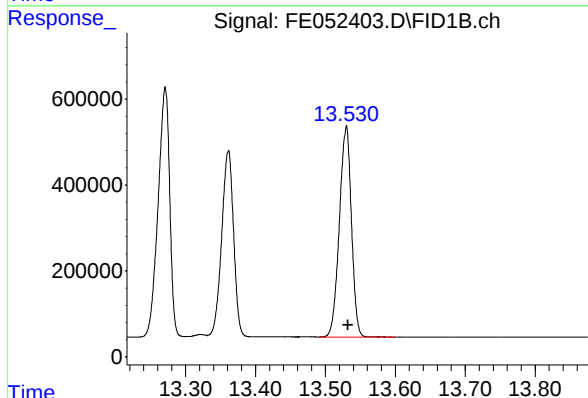
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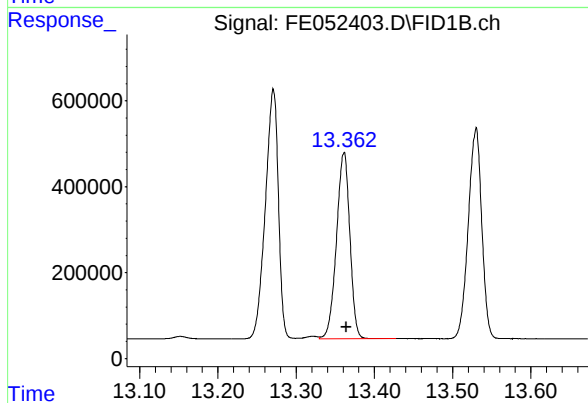
#10 n-Eicosane (C20)

R.T.: 12.916 min
Delta R.T.: -0.002 min
Response: 6147107
Conc: 38.56 ug/ml



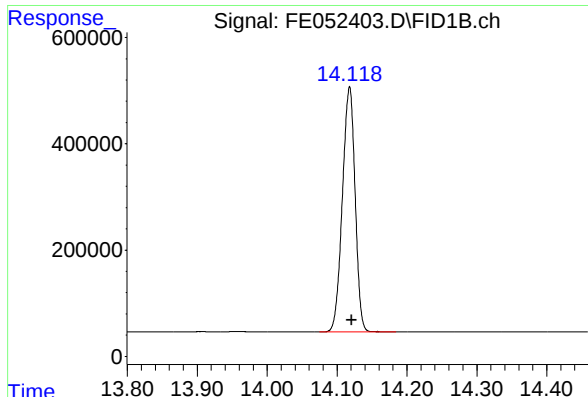
#11 n-Heneicosane (C21)

R.T.: 13.530 min
Delta R.T.: -0.003 min
Response: 5869739
Conc: 37.47 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.361 min
Delta R.T.: -0.003 min
Response: 5148142
Conc: 37.04 ug/ml



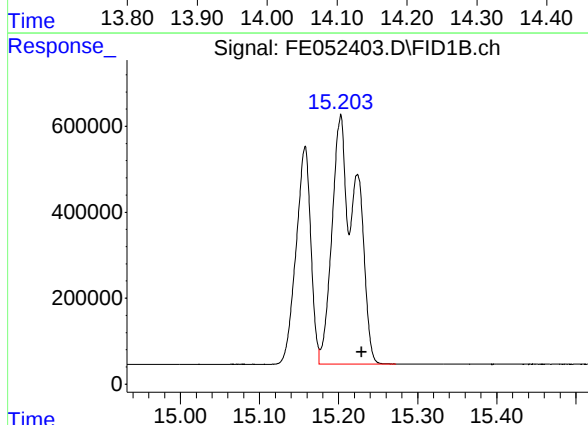
#13 n-Docosane (C22)

R.T.: 14.118 min
Delta R.T.: -0.003 min
Response: 5819444
Conc: 37.19 ug/ml

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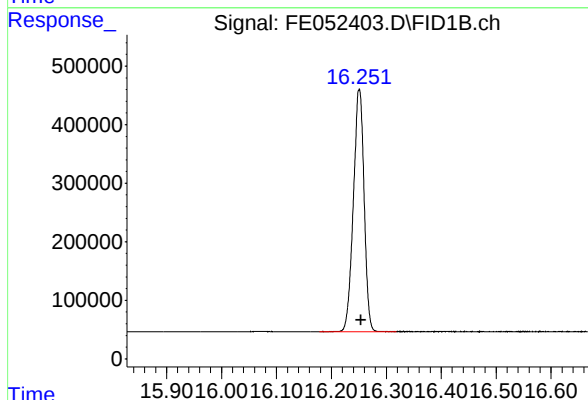
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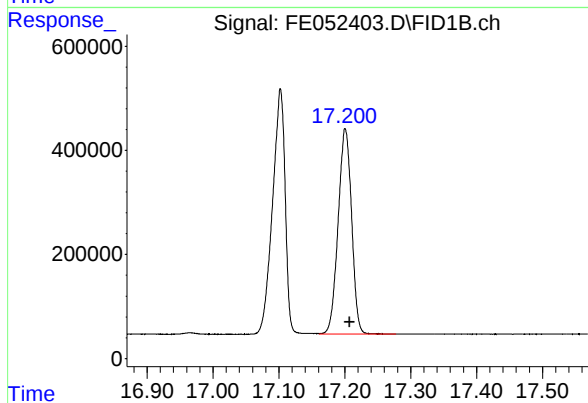
#14 n-Tetracosane (C24)

R.T.: 15.203 min
Delta R.T.: -0.027 min
Response: 12268109
Conc: 78.01 ug/ml



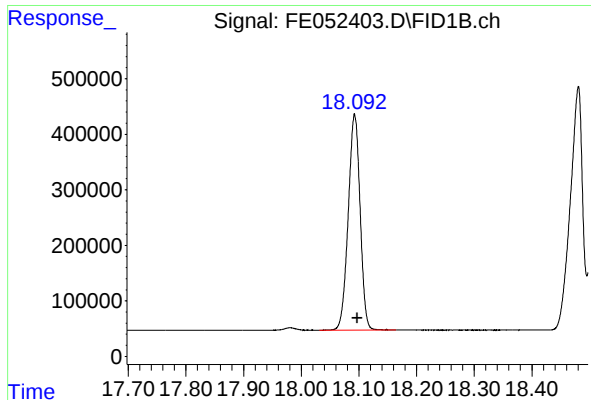
#15 n-Hexacosane (C26)

R.T.: 16.251 min
Delta R.T.: -0.003 min
Response: 5622042
Conc: 36.30 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.201 min
Delta R.T.: -0.007 min
Response: 5606854
Conc: 36.66 ug/ml



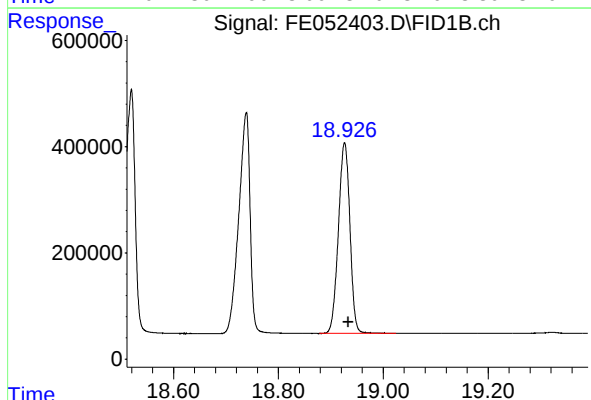
#17 n-Tricontane (C30)

R.T.: 18.093 min
Delta R.T.: -0.005 min
Response: 5567405
Conc: 35.67 ug/ml

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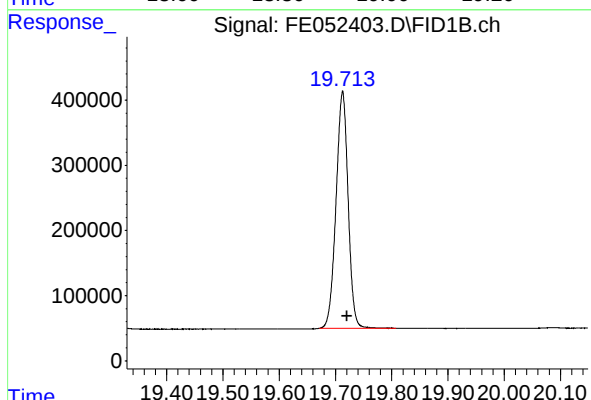
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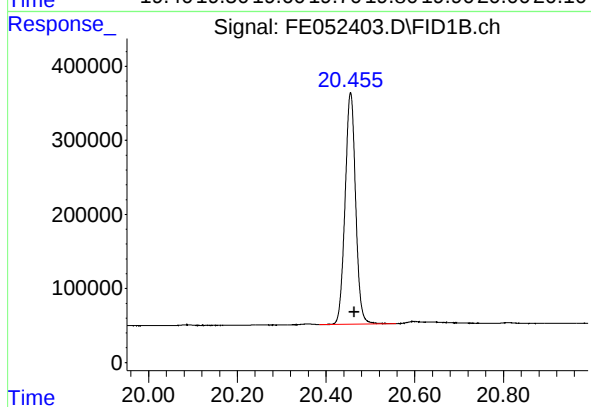
#18 n-Dotriacontane (C32)

R.T.: 18.926 min
Delta R.T.: -0.007 min
Response: 5480384
Conc: 35.81 ug/ml



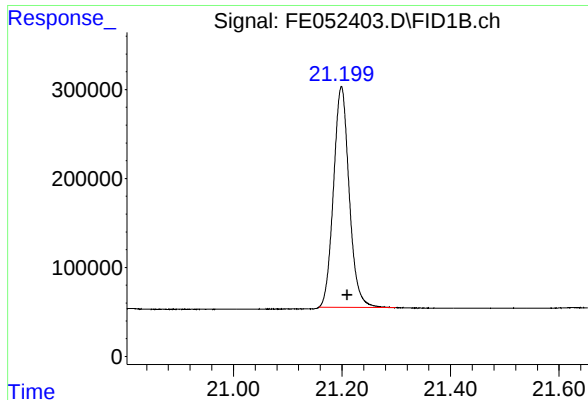
#19 n-Tetratriacontane (C34)

R.T.: 19.713 min
Delta R.T.: -0.008 min
Response: 5421117
Conc: 38.11 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.455 min
Delta R.T.: -0.008 min
Response: 5144398
Conc: 41.27 ug/ml



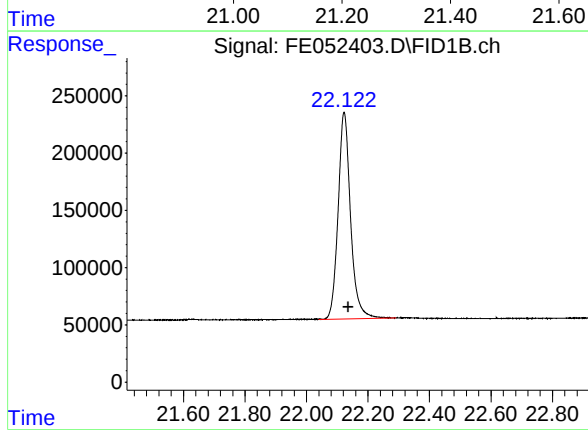
#21 n-Octatriacontane (C38)

R.T.: 21.199 min
Delta R.T.: -0.011 min
Response: 4982505
Conc: 45.58 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.122 min
Delta R.T.: -0.013 min
Response: 5069045
Conc: 50.39 ug/ml