

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE112724AL\
 Data File : FE051486.D
 Signal(s) : FID1B.ch
 Acq On : 27 Nov 2024 15:54
 Operator : YP\AJ
 Sample : P5005-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 STOCK-PILEMS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/02/2024
 Supervised By :Ankita Jodhani 12/02/2024

Integration File: sample.E
 Quant Time: Nov 28 03:05:30 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 110724.M
 Quant Title : GC Extractables
 Qlast Update : Thu Nov 07 04:56:04 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)	11.833	6190767	41.246 ug/ml
Spiked Amount 50.000		Recovery =	82.49%
12) S 1-chlorooctadecane (S...	13.265	5580364	49.153 ug/ml
Spiked Amount 50.000		Recovery =	98.31%
Target Compounds			
1) T n-Nonane (C9)	3.225	4399331	31.794 ug/ml
2) T n-Decane (C10)	4.473	4826288	34.430 ug/ml
3) T A~Naphthalene (C11.7)	6.184	5153414	39.086 ug/ml
4) T n-Dodecane (C12)	6.638	5230304	37.043 ug/ml
5) T A~2-methylnaphthalene...	7.280	4927793	39.393 ug/ml
6) T n-Tetradecane (C14)	8.466	5764108	41.360 ug/ml
7) T n-Hexadecane (C16)	10.071	6356887	44.796 ug/ml
8) T n-Octadecane (C18)	11.512	6485772	45.417 ug/ml
10) T n-Eicosane (C20)	12.820	6654274	48.623 ug/ml
11) T n-Heneicosane (C21)	13.430	6438682	48.178 ug/ml
13) T n-Docosane (C22)	14.015	6402046	48.154 ug/ml
14) T n-Tetracosane (C24)	15.118	12504482	94.261 ug/mlm
15) T n-Hexacosane (C26)	16.136	6073966	45.372 ug/ml
16) T n-Octacosane (C28)	17.083	7496447	54.988 ug/ml
17) T n-Tricontane (C30)	17.971	6115856	42.095 ug/ml
18) T n-Dotriacontane (C32)	18.802	6536422	44.022 ug/ml
19) T n-Tetratriacontane (C34)	19.586	5878653	43.751 ug/mlm
20) T n-Hexatriacontane (C36)	20.326	5650281	47.355 ug/mlm
21) T n-Octatriacontane (C38)	21.045	5586844	49.087 ug/mlm
22) T n-Tetracontane (C40)	21.920	5682802	51.095 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 16 Sample Multiplier: 1

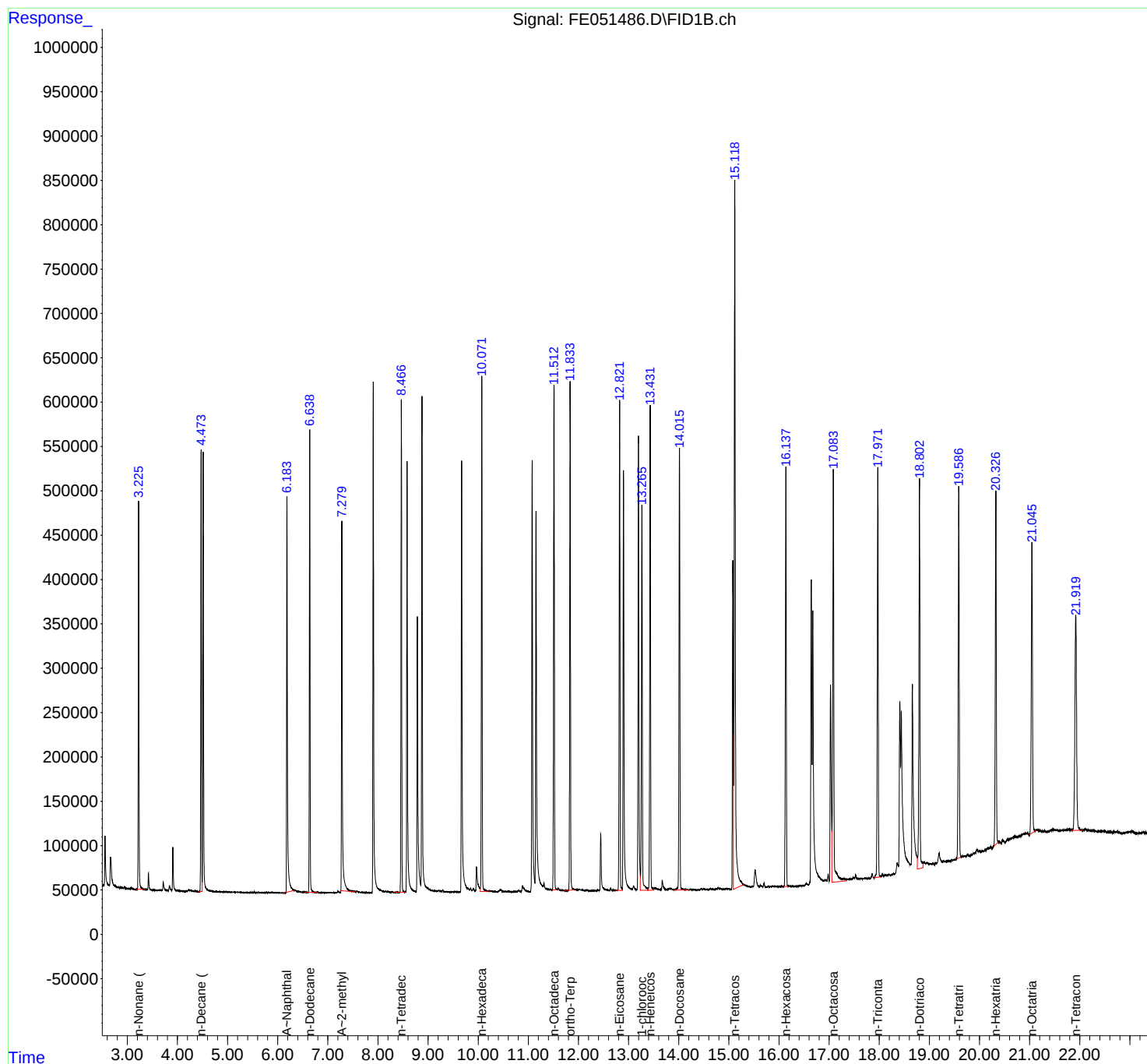
Instrument :
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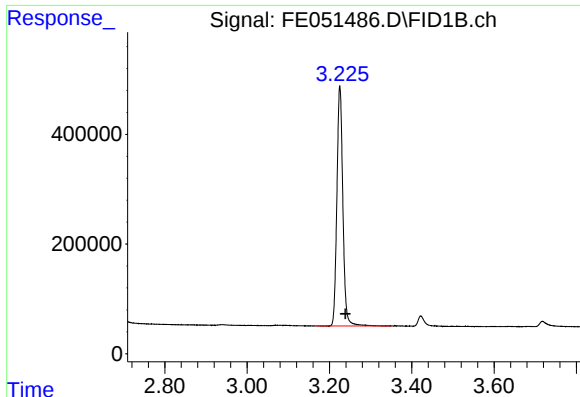
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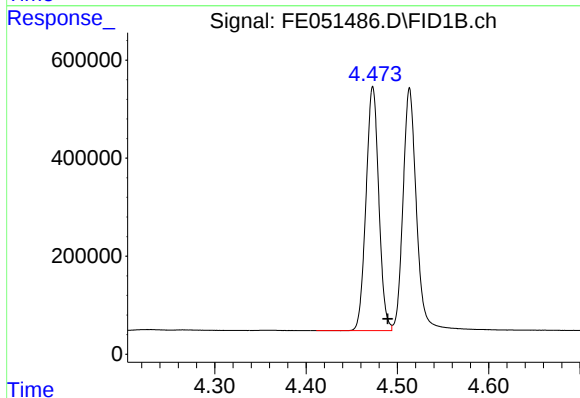
#1 n-Nonane (C9)

R.T.: 3.225 min
Delta R.T.: -0.014 min
Response: 4399331
Conc: 31.79 ug/ml

Instrument :
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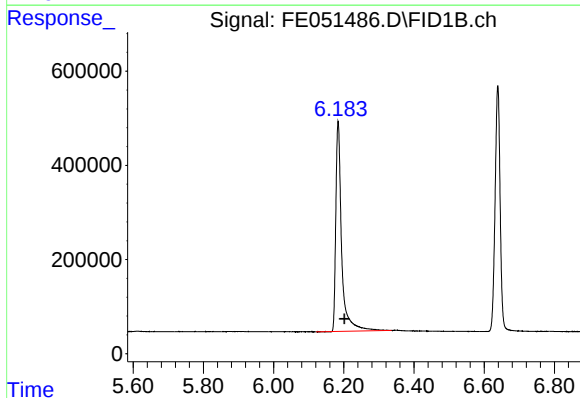
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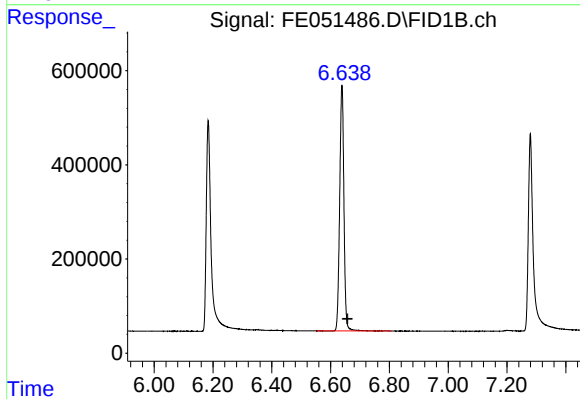
#2 n-Decane (C10)

R.T.: 4.473 min
Delta R.T.: -0.016 min
Response: 4826288
Conc: 34.43 ug/ml



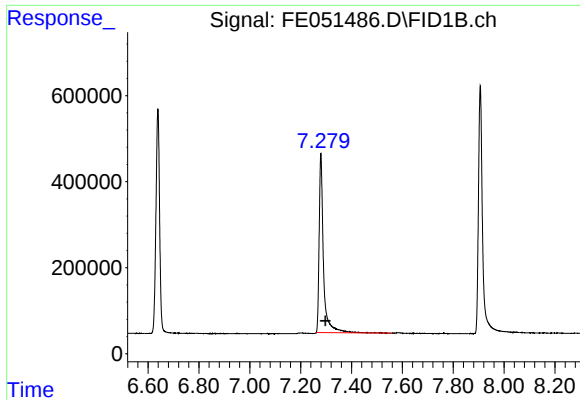
#3 A~Naphthalene (C11.7)

R.T.: 6.184 min
Delta R.T.: -0.018 min
Response: 5153414
Conc: 39.09 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.638 min
Delta R.T.: -0.019 min
Response: 5230304
Conc: 37.04 ug/ml



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

R.T.: 7.280 min
Delta R.T.: -0.018 min
Response: 4927793
Conc: 39.39 ug/ml

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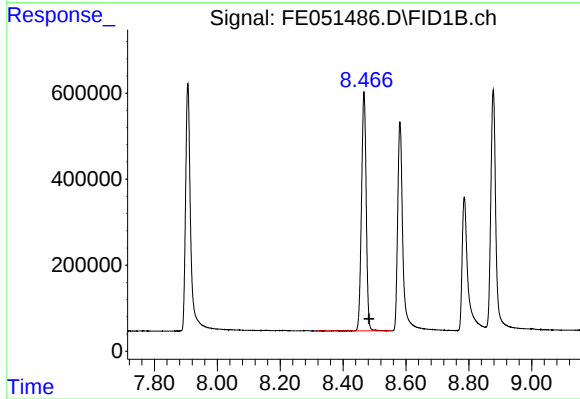
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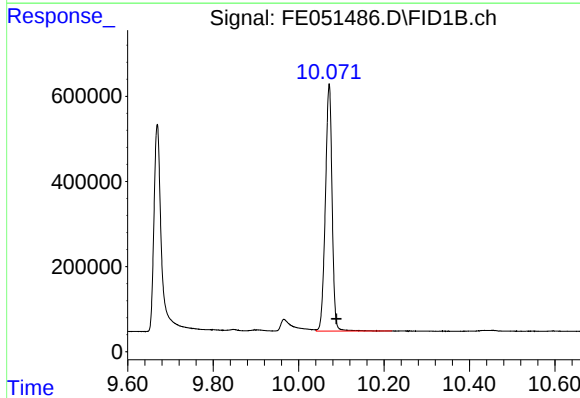
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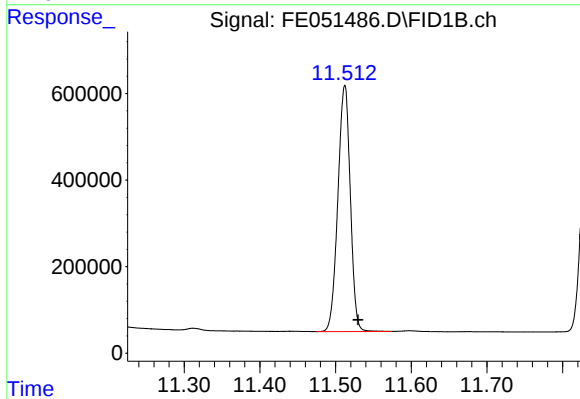
#6 n-Tetradecane (C14)

R.T.: 8.466 min
Delta R.T.: -0.017 min
Response: 5764108
Conc: 41.36 ug/ml



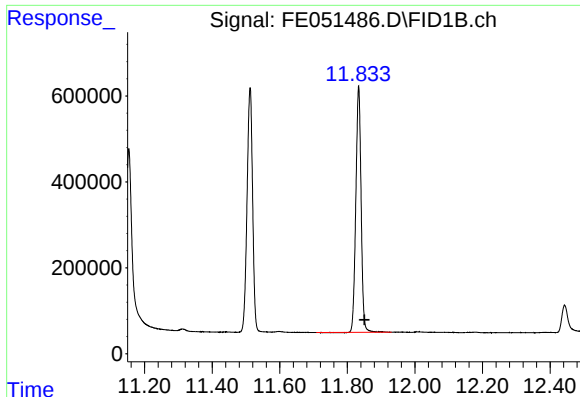
#7 n-Hexadecane (C16)

R.T.: 10.071 min
Delta R.T.: -0.018 min
Response: 6356887
Conc: 44.80 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.512 min
Delta R.T.: -0.018 min
Response: 6485772
Conc: 45.42 ug/ml



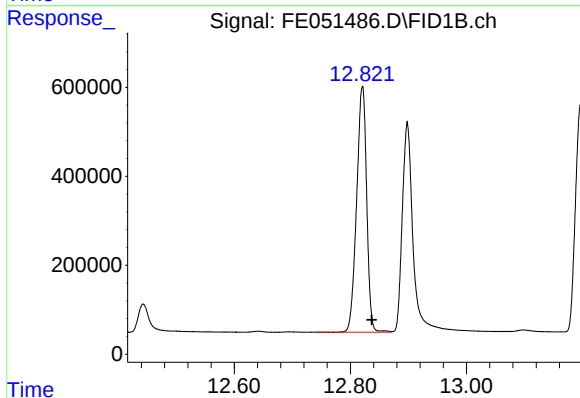
#9 ortho-Terphenyl (SURR)

R.T.: 11.833 min
Delta R.T.: -0.017 min
Response: 6190767
Conc: 41.25 ug/ml

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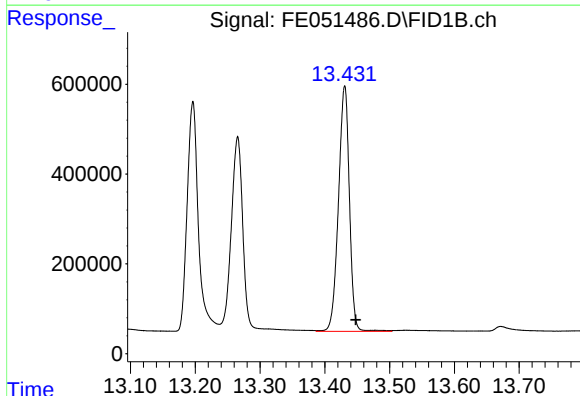
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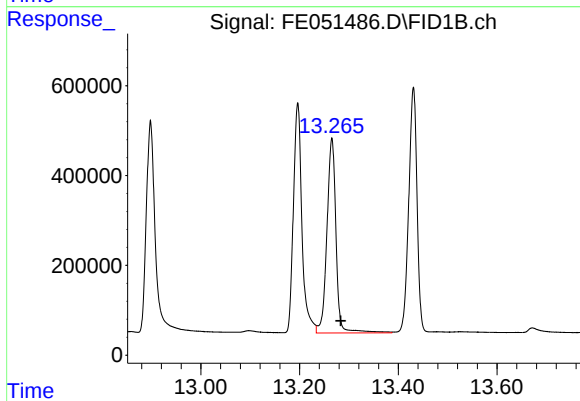
#10 n-Eicosane (C20)

R.T.: 12.820 min
Delta R.T.: -0.017 min
Response: 6654274
Conc: 48.62 ug/ml



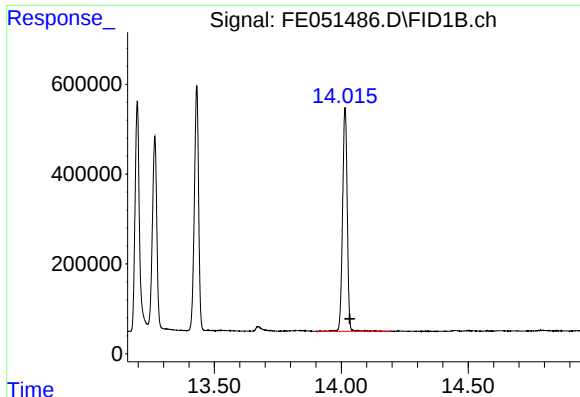
#11 n-Heneicosane (C21)

R.T.: 13.430 min
Delta R.T.: -0.018 min
Response: 6438682
Conc: 48.18 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.265 min
Delta R.T.: -0.018 min
Response: 5580364
Conc: 49.15 ug/ml



#13 n-Docosane (C22)

R.T.: 14.015 min
Delta R.T.: -0.019 min
Response: 6402046
Conc: 48.15 ug/ml

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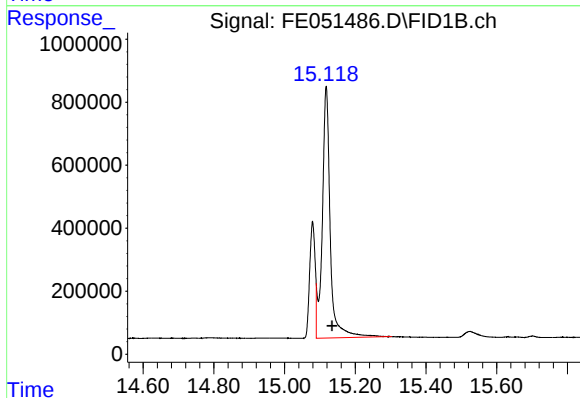
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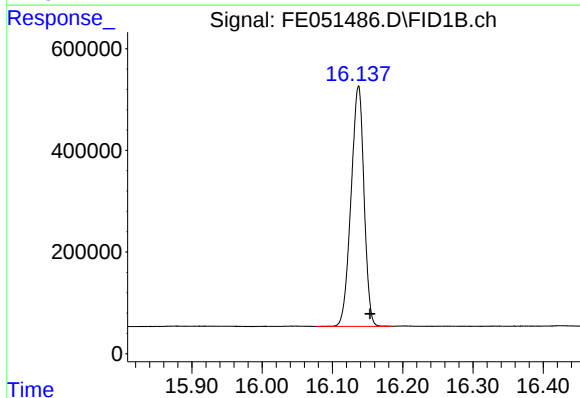
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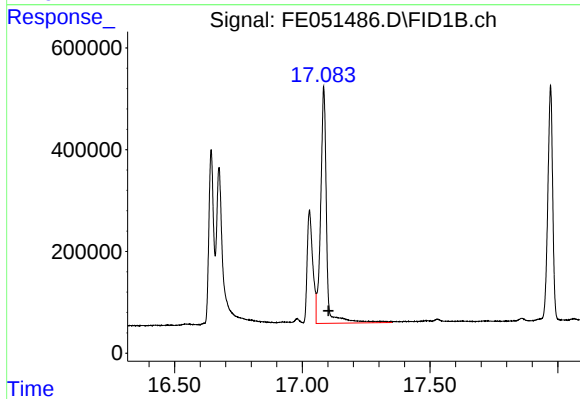
#14 n-Tetracosane (C24)

R.T.: 15.118 min
Delta R.T.: -0.017 min
Response: 12504482
Conc: 94.26 ug/ml m



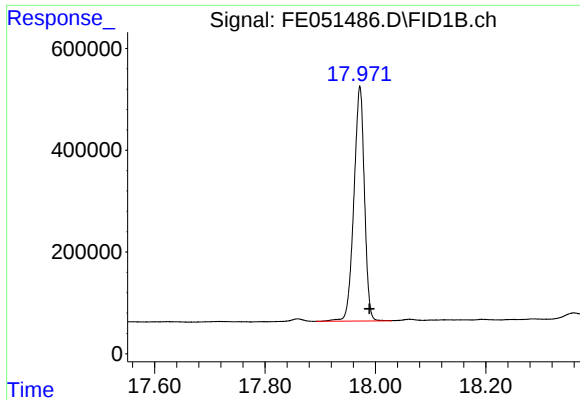
#15 n-Hexacosane (C26)

R.T.: 16.136 min
Delta R.T.: -0.017 min
Response: 6073966
Conc: 45.37 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.083 min
Delta R.T.: -0.019 min
Response: 7496447
Conc: 54.99 ug/ml



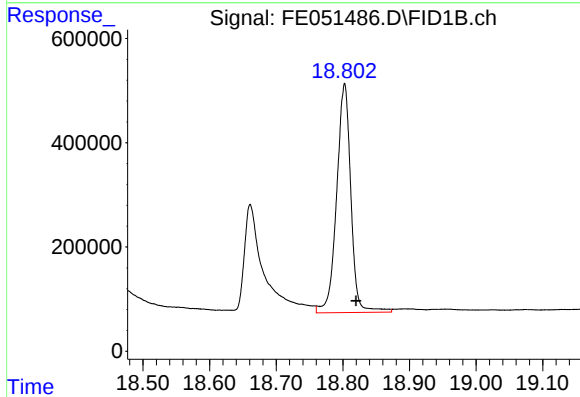
#17 n-Tricontane (C30)

R.T.: 17.971 min
Delta R.T.: -0.018 min
Response: 6115856
Conc: 42.09 ug/ml

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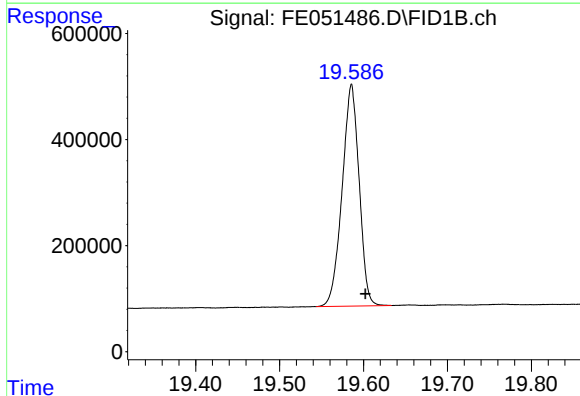
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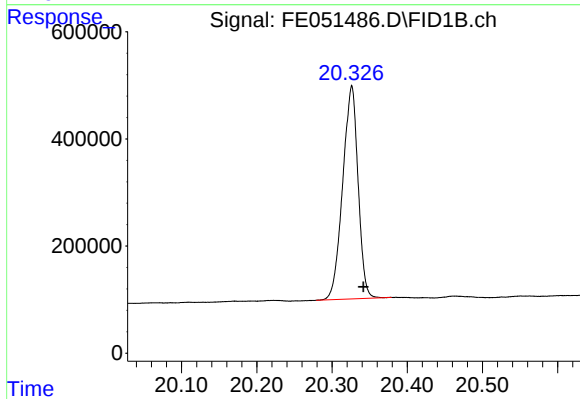
#18 n-Dotriacontane (C32)

R.T.: 18.802 min
Delta R.T.: -0.018 min
Response: 6536422
Conc: 44.02 ug/ml



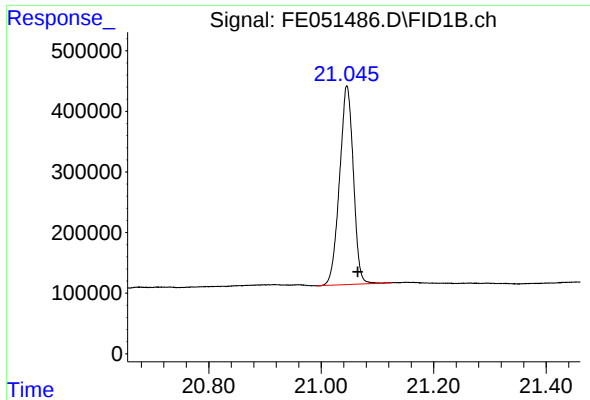
#19 n-Tetratriacontane (C34)

R.T.: 19.586 min
Delta R.T.: -0.017 min
Response: 5878653
Conc: 43.75 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.326 min
Delta R.T.: -0.016 min
Response: 5650281
Conc: 47.35 ug/ml m



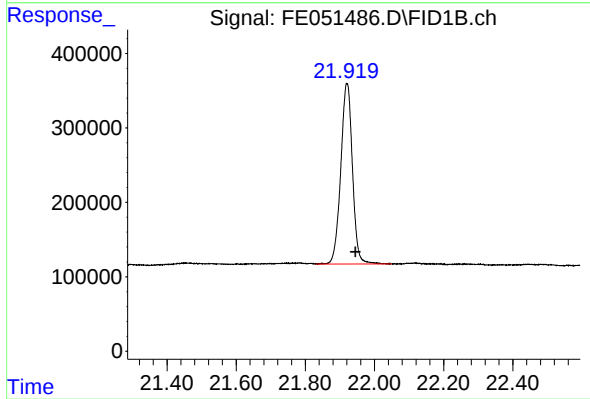
#21 n-Octatriacontane (C38)

R.T.: 21.045 min
Delta R.T.: -0.019 min
Response: 5586844
Conc: 49.09 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 21.920 min
Delta R.T.: -0.024 min
Response: 5682802
Conc: 51.09 ug/ml