

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041484.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 18:46
 Operator : YP\AJ
 Sample : 02426-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 EO-3-041923MSD

Manual Integrations
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Reviewed By :Yogesh
 Patel

Integration File: autoint1.e
 Quant Time: Apr 22 04:05:25 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 ul
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18um

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 Jodhani

Compound	R.T.	Response	Conc Units
-----04/24/2023			
System Monitoring Compounds			
9) S ortho-Terphenyl (SURR)	11.976	4712802	25.120 ug/ml
Spiked Amount 50.000		Recovery =	50.24%
12) S 1-chlorooctadecane (S...	13.411	3815263	27.007 ug/ml
Spiked Amount 50.000		Recovery =	54.01%
Target Compounds			
1) T n-Nonane (C9)	3.358	3851821	26.204 ug/ml
2) T n-Decane (C10)	4.610	4223421	28.160 ug/ml
3) T A~Naphthalene (C11.7)	6.312	4909861	29.669 ug/ml
4) T n-Dodecane (C12)	6.777	4654808	30.615 ug/ml
5) T A~2-methylnaphthalene...	7.409	4943216	30.656 ug/ml
6) T n-Tetradecane (C14)	8.607	5178036	34.088 ug/ml
7) T n-Hexadecane (C16)	10.214	5459459	34.211 ug/ml
8) T n-Octadecane (C18)	11.658	5596429	34.143 ug/ml
10) T n-Eicosane (C20)	12.968	5559486	34.564 ug/ml
11) T n-Heneicosane (C21)	13.581	5487977	34.435 ug/ml
13) T n-Docosane (C22)	14.167	5398901	33.885 ug/ml
14) T n-Tetracosane (C24)	15.270	4716612	29.256 ug/ml
15) T n-Hexacosane (C26)	16.292	5104414	32.287 ug/ml
16) T n-Octacosane (C28)	17.240	5047245	32.802 ug/ml
17) T n-Tricontane (C30)	18.128	4911550	32.248 ug/ml
18) T n-Dotriacontane (C32)	18.960	4664918	31.313 ug/ml
19) T n-Tetratriacontane (C34)	19.744	4497494	31.925 ug/ml
20) T n-Hexatriacontane (C36)	20.483	4139854	30.957 ug/mlm
21) T n-Octatriacontane (C38)	21.235	4160082	31.484 ug/ml
22) T n-Tetracontane (C40)	22.174	3983185	31.460 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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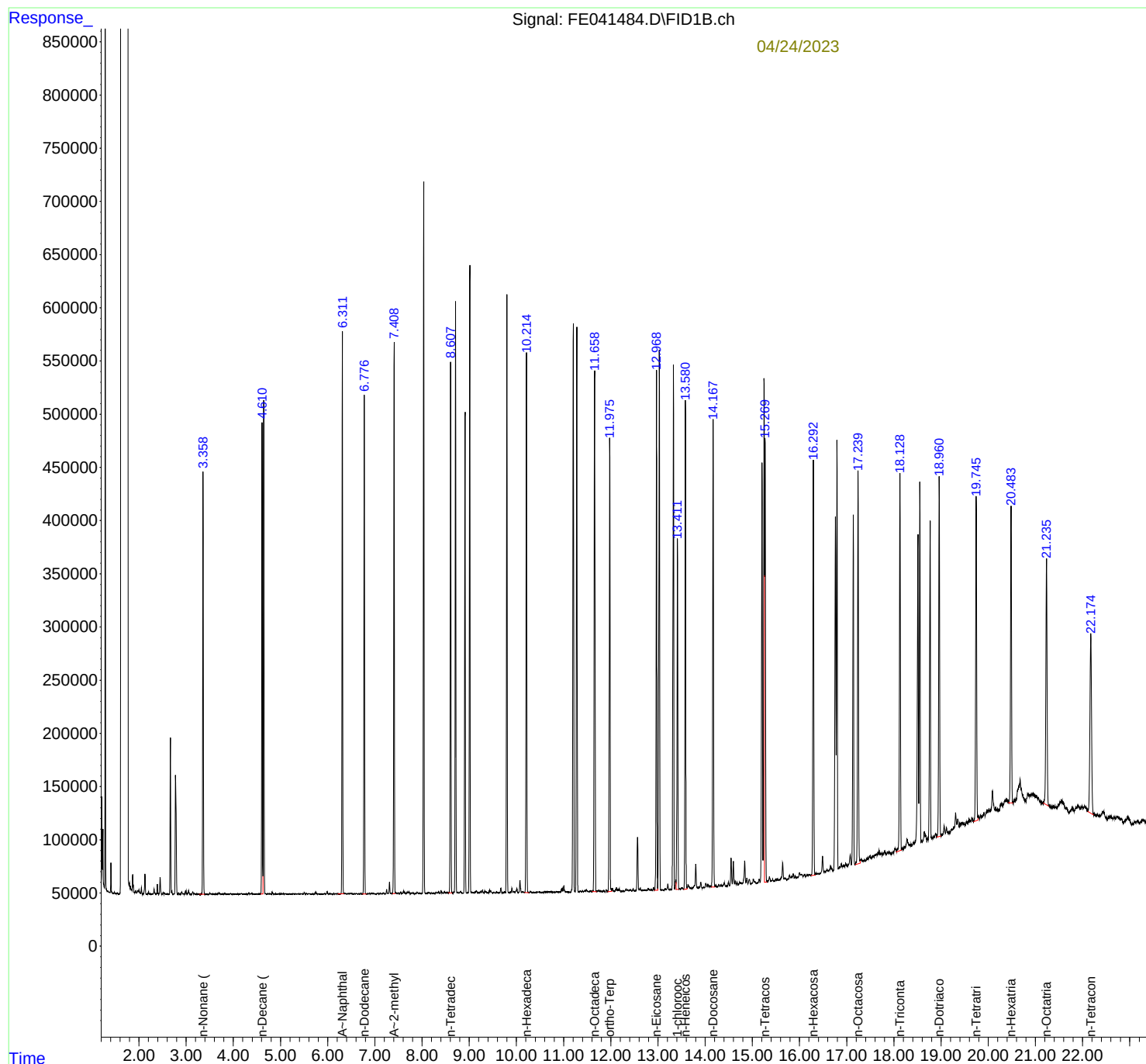
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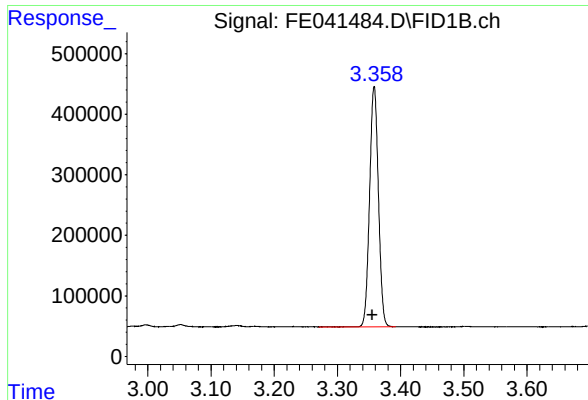
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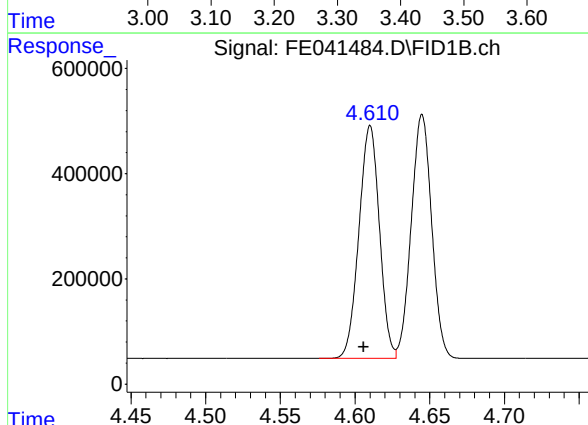
#1 n-Nonane (C9)

R.T.: 3.358 min
Delta R.T.: 0.003 min
Response: 3851821
Conc: 26.20 ug/ml

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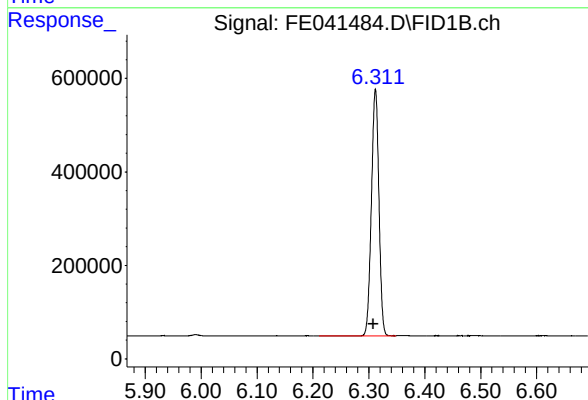


#2 n-Decane (C10)

R.T.: 4.610 min
Delta R.T.: 0.004 min
Response: 4223421
Conc: 28.16 ug/ml

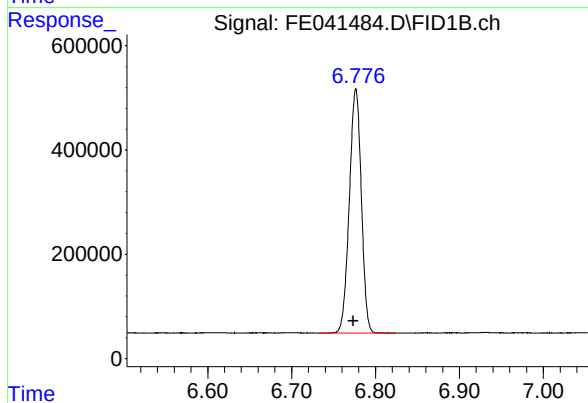
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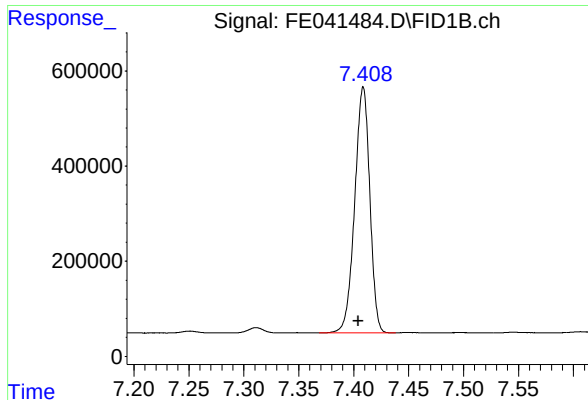
#3 A~Naphthalene (C11.7)

R.T.: 6.312 min
Delta R.T.: 0.004 min
Response: 4909861
Conc: 29.67 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.777 min
Delta R.T.: 0.003 min
Response: 4654808
Conc: 30.61 ug/ml



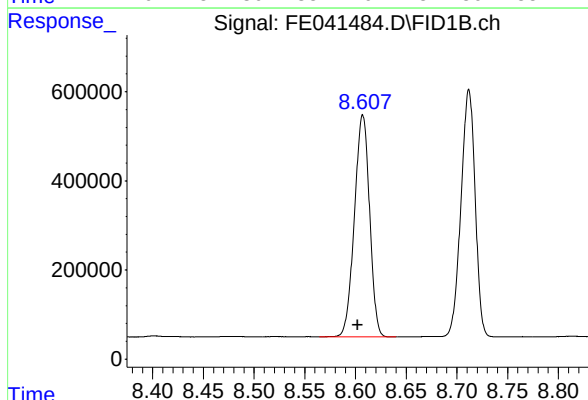
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.409 min
Delta R.T.: 0.004 min
Response: 4943216
Conc: 30.66 ug/ml

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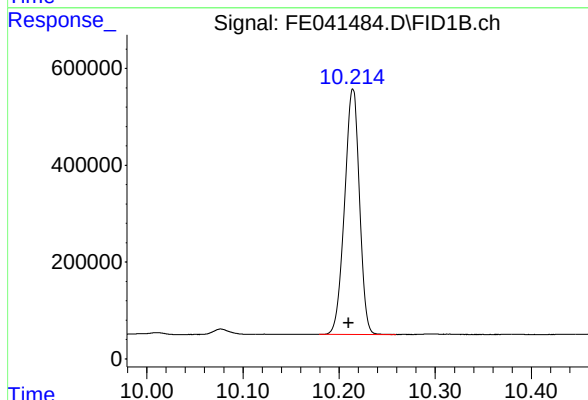


#6 n-Tetradecane (C14)

R.T.: 8.607 min
Delta R.T.: 0.005 min
Response: 5178036
Conc: 34.09 ug/ml

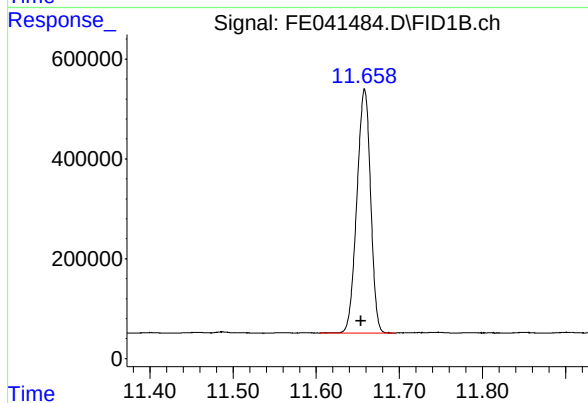
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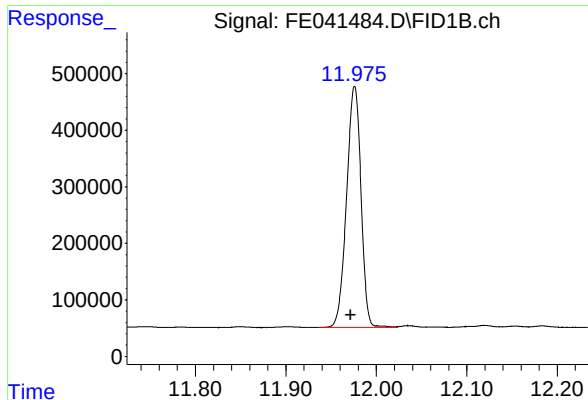
#7 n-Hexadecane (C16)

R.T.: 10.214 min
Delta R.T.: 0.005 min
Response: 5459459
Conc: 34.21 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.658 min
Delta R.T.: 0.004 min
Response: 5596429
Conc: 34.14 ug/ml



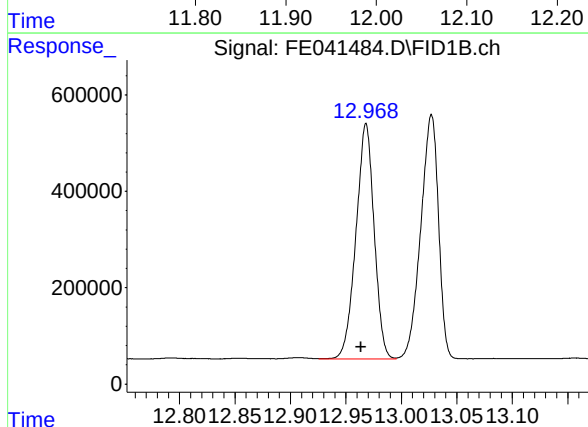
#9 ortho-Terphenyl (SURR)

R.T.: 11.976 min
Delta R.T.: 0.004 min
Response: 4712802
Conc: 25.12 ug/ml

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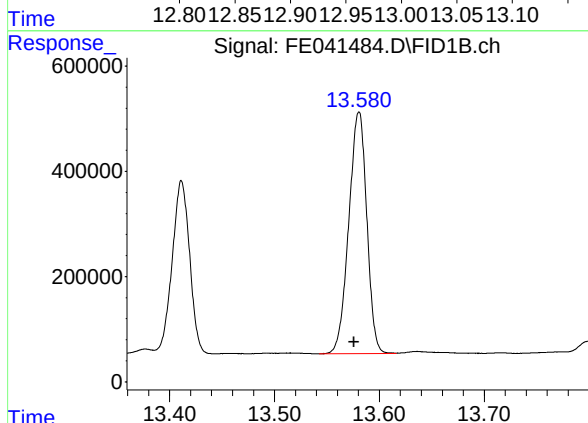


#10 n-Eicosane (C20)

R.T.: 12.968 min
Delta R.T.: 0.005 min
Response: 5559486
Conc: 34.56 ug/ml

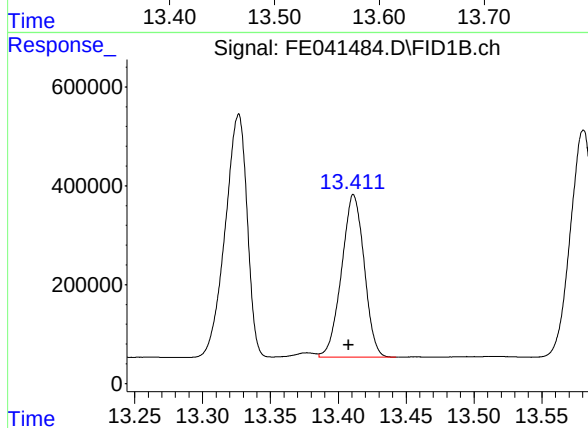
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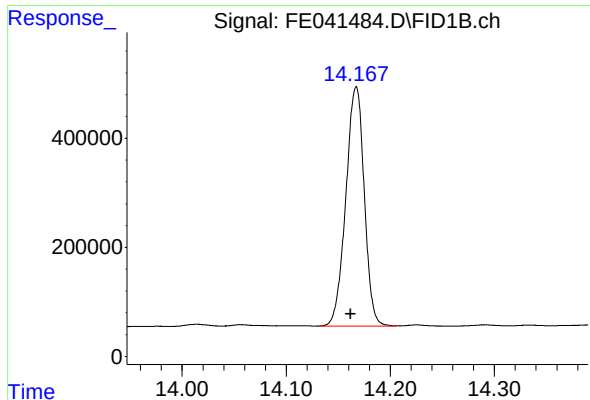
#11 n-Heneicosane (C21)

R.T.: 13.581 min
Delta R.T.: 0.005 min
Response: 5487977
Conc: 34.44 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.411 min
Delta R.T.: 0.004 min
Response: 3815263
Conc: 27.01 ug/ml



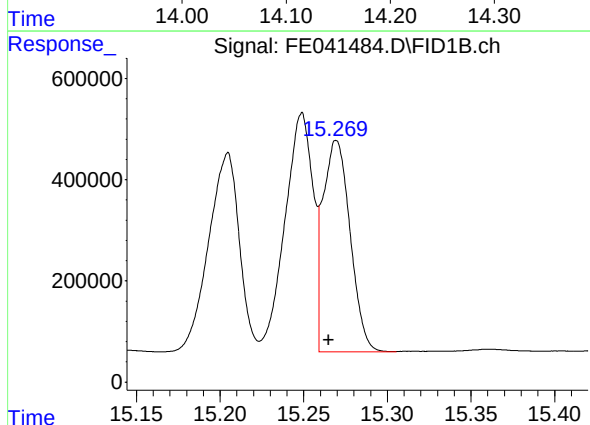
#13 n-Docosane (C22)

R.T.: 14.167 min
Delta R.T.: 0.005 min
Response: 5398901
Conc: 33.89 ug/ml

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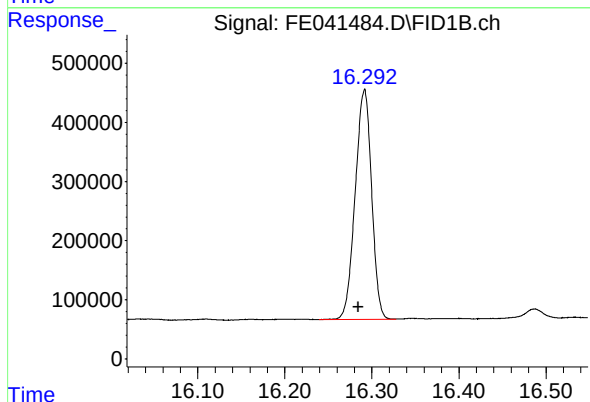


#14 n-Tetracosane (C24)

R.T.: 15.270 min
Delta R.T.: 0.005 min
Response: 4716612
Conc: 29.26 ug/ml

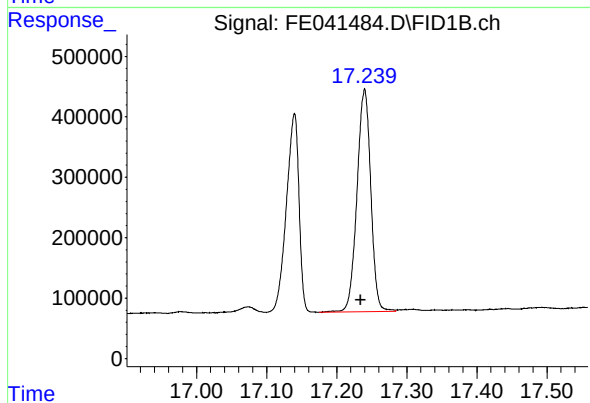
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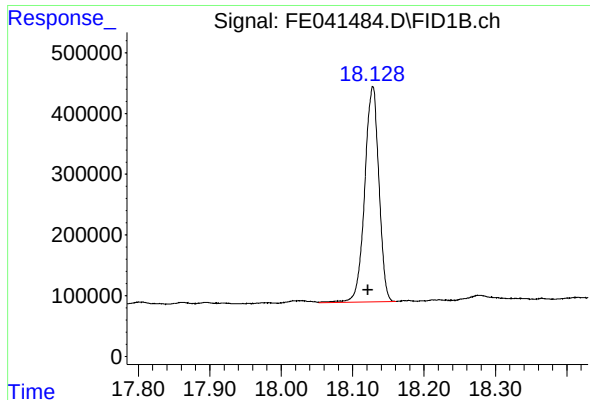
#15 n-Hexacosane (C26)

R.T.: 16.292 min
Delta R.T.: 0.007 min
Response: 5104414
Conc: 32.29 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.240 min
Delta R.T.: 0.006 min
Response: 5047245
Conc: 32.80 ug/ml



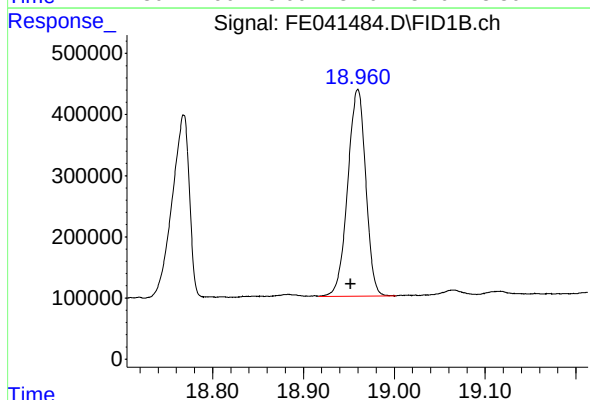
#17 n-Tricontane (C30)

R.T.: 18.128 min
Delta R.T.: 0.007 min
Response: 4911550
Conc: 32.25 ug/ml

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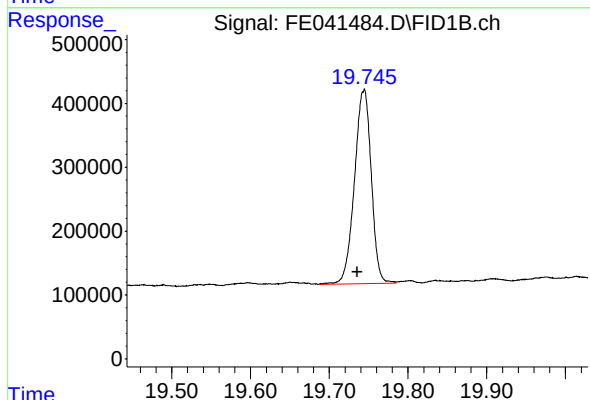


#18 n-Dotriacontane (C32)

R.T.: 18.960 min
Delta R.T.: 0.008 min
Response: 4664918
Conc: 31.31 ug/ml

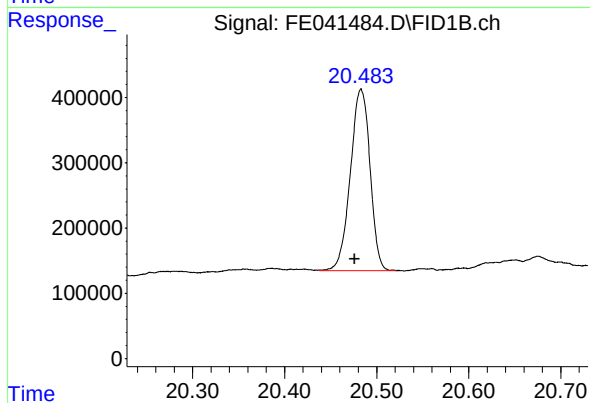
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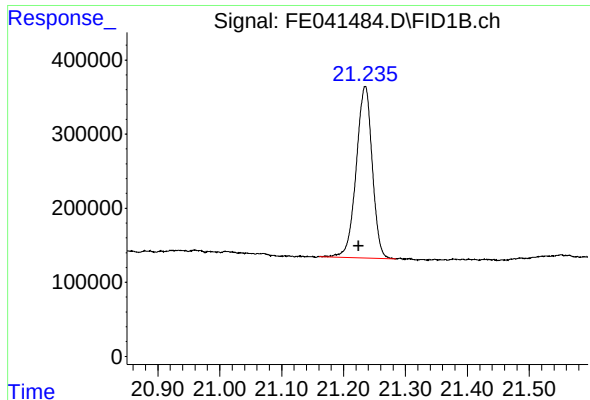
#19 n-Tetatriacontane (C34)

R.T.: 19.744 min
Delta R.T.: 0.008 min
Response: 4497494
Conc: 31.93 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.483 min
Delta R.T.: 0.007 min
Response: 4139854
Conc: 30.96 ug/ml m



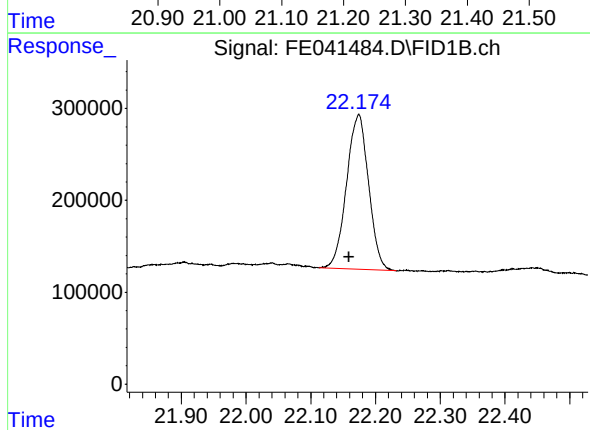
#21 n-Octatriacontane (C38)

R.T.: 21.235 min
Delta R.T.: 0.010 min
Response: 4160082
Conc: 31.48 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.174 min
Delta R.T.: 0.015 min
Response: 3983185
Conc: 31.46 ug/ml m

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