

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE021225AL\
 Data File : FE052365.D
 Signal(s) : FID1B.ch
 Acq On : 12 Feb 2025 13:37
 Operator : YP\AJ
 Sample : PB166699BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 PB166699BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 02/13/2025
 Supervised By :Ankita Jodhani 02/13/2025

Integration File: autoint1.e
 Quant Time: Feb 13 00:25:28 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.M
 Quant Title : GC Extractables
 QLast Update : Fri Feb 07 07:52:07 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)	12.328	4460455	36.038 ug/ml
Spiked Amount 50.000		Recovery =	72.08%
12) S 1-chlorooctadecane (S...	13.738	3698898	37.480 ug/ml
Spiked Amount 50.000		Recovery =	74.96%
Target Compounds			
1) T n-Nonane (C9)	3.799	3111456	33.312 ug/ml
2) T n-Decane (C10)	5.024	3421677	35.630 ug/ml
3) T A~Naphthalene (C11.7)	6.726	4164729	38.969 ug/ml
4) T n-Dodecane (C12)	7.151	3676432	37.092 ug/ml
5) T A~2-methylnaphthalene...	7.806	3908114	37.315 ug/ml
6) T n-Tetradecane (C14)	8.960	3845133	38.104 ug/ml
7) T n-Hexadecane (C16)	10.554	3904850	35.984 ug/ml
8) T n-Octadecane (C18)	11.989	3958219	34.843 ug/ml
10) T n-Eicosane (C20)	13.291	4065292	36.023 ug/ml
11) T n-Heneicosane (C21)	13.900	3903632	34.664 ug/ml
13) T n-Docosane (C22)	14.483	3882358	34.300 ug/ml
14) T n-Tetracosane (C24)	15.568	7947501	69.122 ug/ml
15) T n-Hexacosane (C26)	16.597	3721115	32.447 ug/ml
16) T n-Octacosane (C28)	17.543	3629051	32.074 ug/ml
17) T n-Tricontane (C30)	18.428	3648278	32.017 ug/ml
18) T n-Dotriacontane (C32)	19.256	3589038	32.919 ug/ml
19) T n-Tetratriacontane (C34)	20.036	3534043	37.251 ug/ml
20) T n-Hexatriacontane (C36)	20.774	3443166	41.671 ug/ml
21) T n-Octatriacontane (C38)	21.592	3507389	47.211 ug/ml
22) T n-Tetracontane (C40)	22.641	3607247	48.384 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 020325.

Quant Title : GC Extractables

QLast Update : Fri Feb 07 07:52:07 2025

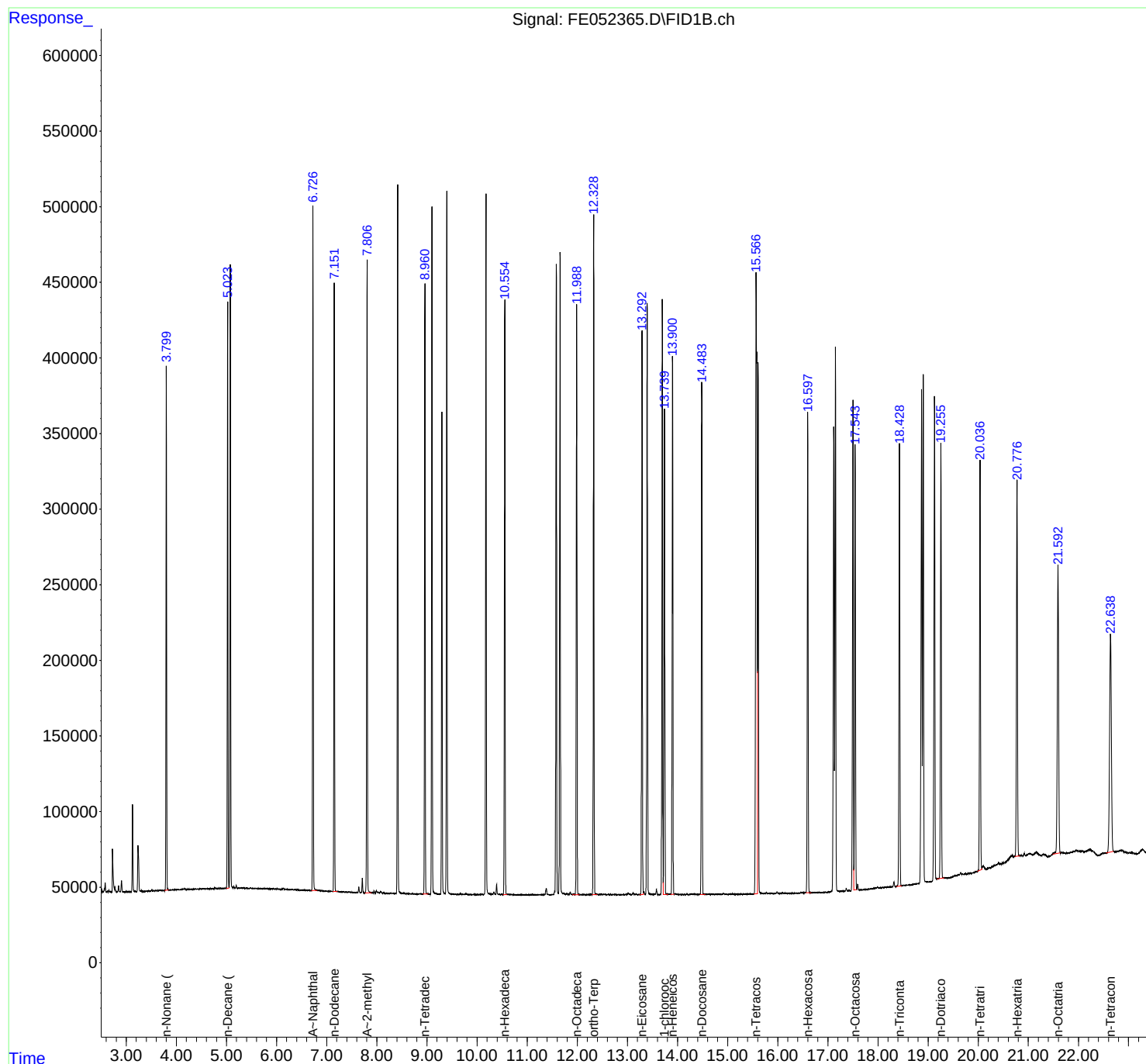
Response via : Initial Calibration

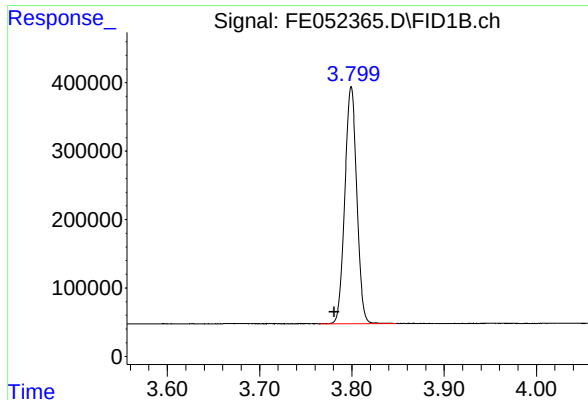
Integrator: ChemStation

Volume Inj. : 1 ul

Signal Phase : Rxi-1ms

Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.799 min
Delta R.T.: 0.018 min
Response: 3111456
Conc: 33.31 ug/ml

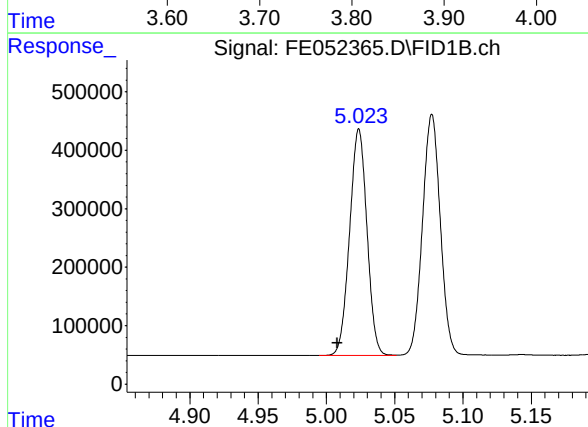
Instrument :

FID_E

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PB166699BS

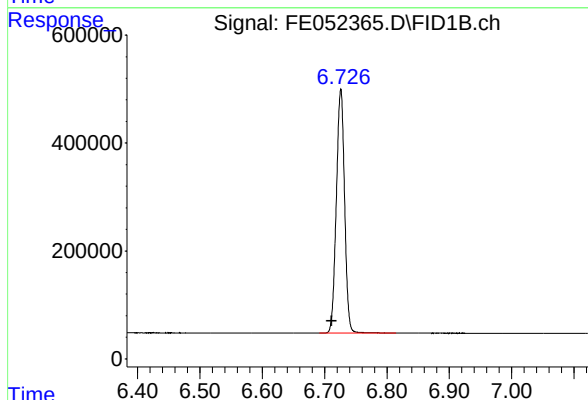
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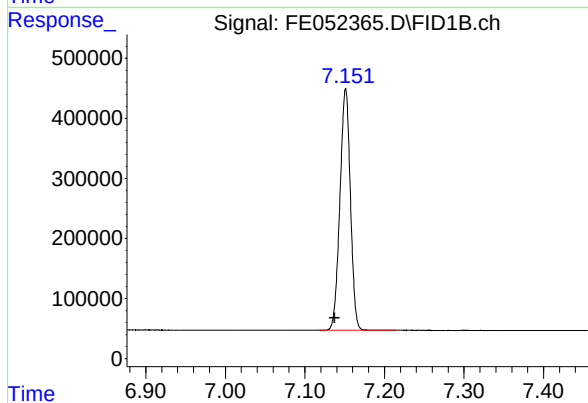
#2 n-Decane (C10)

R.T.: 5.024 min
Delta R.T.: 0.016 min
Response: 3421677
Conc: 35.63 ug/ml



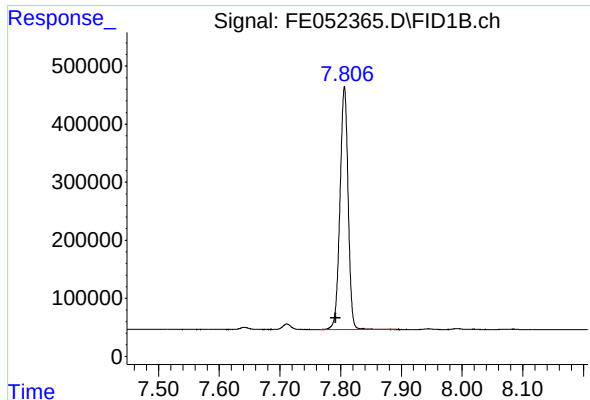
#3 A~Naphthalene (C11.7)

R.T.: 6.726 min
Delta R.T.: 0.015 min
Response: 4164729
Conc: 38.97 ug/ml



#4 n-Dodecane (C12)

R.T.: 7.151 min
Delta R.T.: 0.014 min
Response: 3676432
Conc: 37.09 ug/ml



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

R.T.: 7.806 min
Delta R.T.: 0.014 min
Response: 3908114
Conc: 37.32 ug/ml

Instrument :

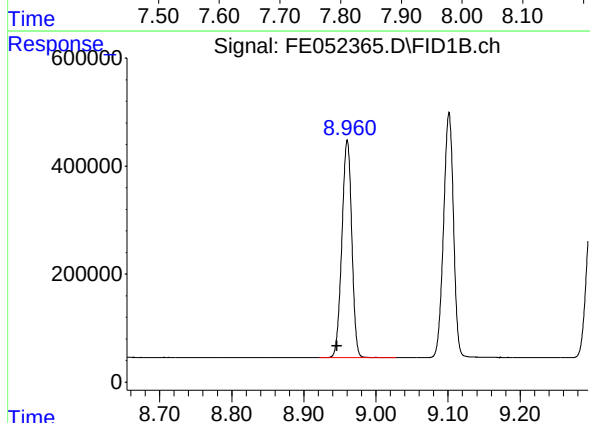
FID_E

ClientSampleId :

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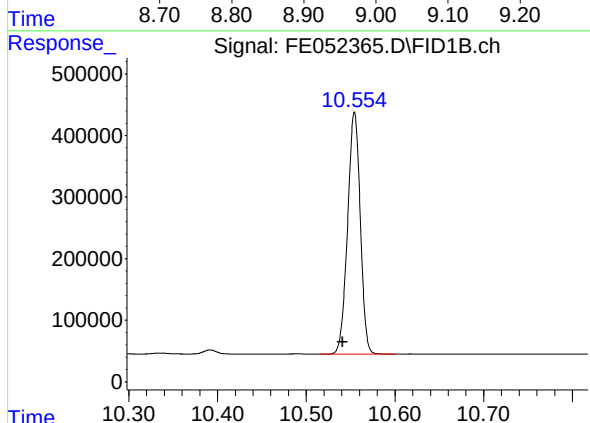
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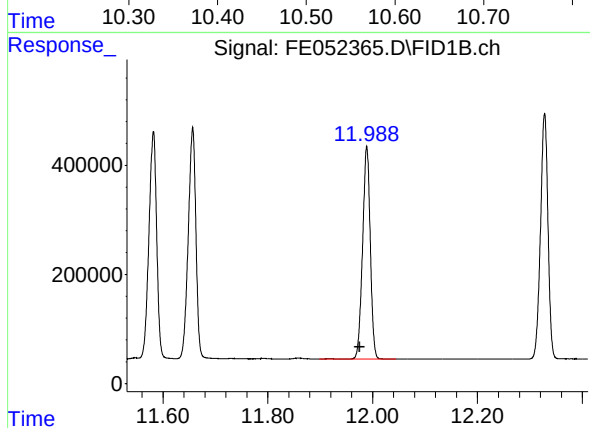
#6 n-Tetradecane (C14)

R.T.: 8.960 min
Delta R.T.: 0.014 min
Response: 3845133
Conc: 38.10 ug/ml



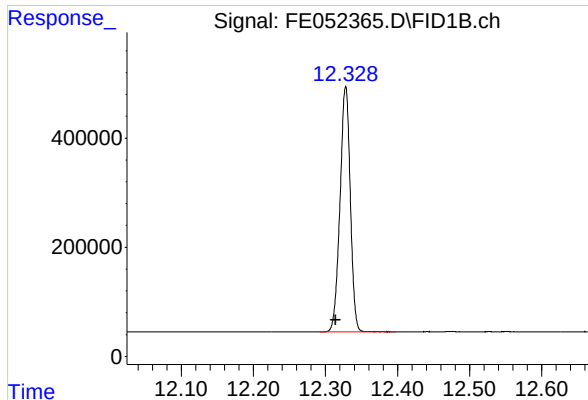
#7 n-Hexadecane (C16)

R.T.: 10.554 min
Delta R.T.: 0.013 min
Response: 3904850
Conc: 35.98 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.989 min
Delta R.T.: 0.013 min
Response: 3958219
Conc: 34.84 ug/ml



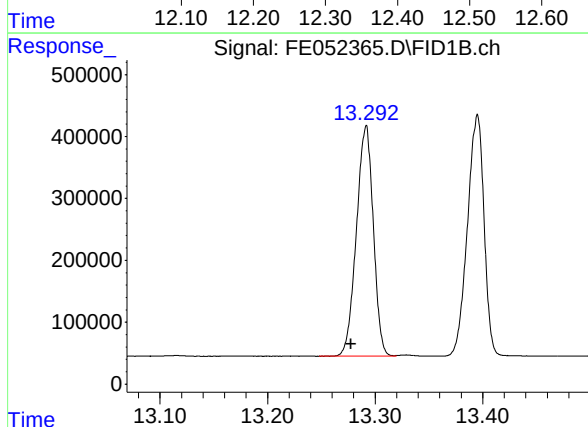
#9 ortho-Terphenyl (SURR)

R.T.: 12.328 min
Delta R.T.: 0.014 min
Response: 4460455
Conc: 36.04 ug/ml

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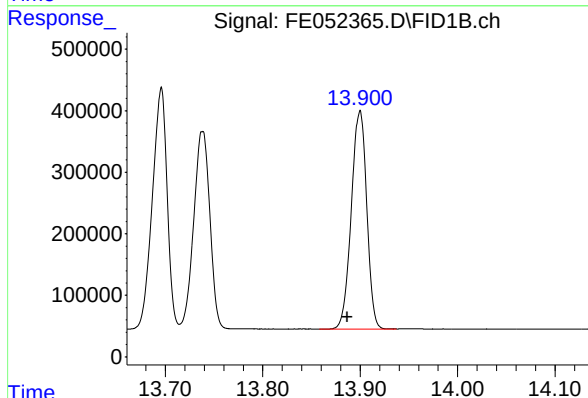
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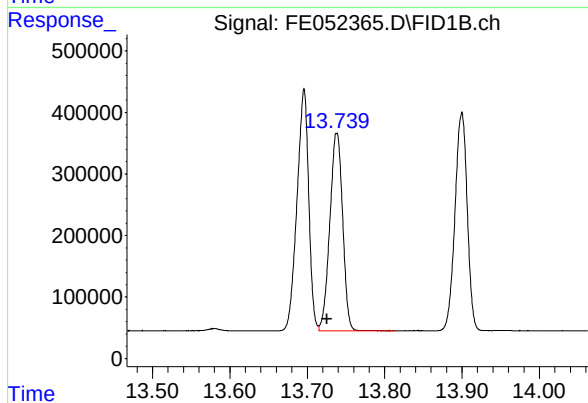
#10 n-Eicosane (C20)

R.T.: 13.291 min
Delta R.T.: 0.013 min
Response: 4065292
Conc: 36.02 ug/ml



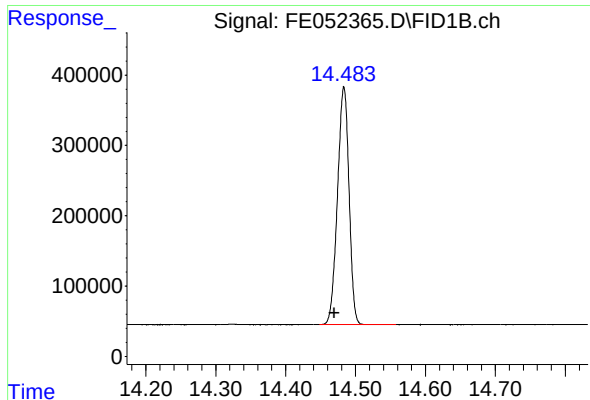
#11 n-Heneicosane (C21)

R.T.: 13.900 min
Delta R.T.: 0.013 min
Response: 3903632
Conc: 34.66 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.738 min
Delta R.T.: 0.013 min
Response: 3698898
Conc: 37.48 ug/ml



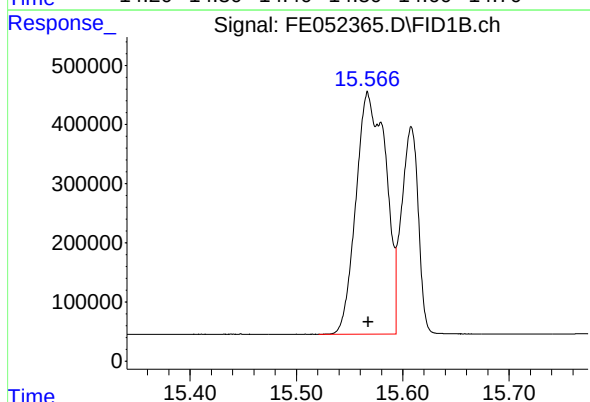
#13 n-Docosane (C22)

R.T.: 14.483 min
Delta R.T.: 0.013 min
Response: 3882358
Conc: 34.30 ug/ml

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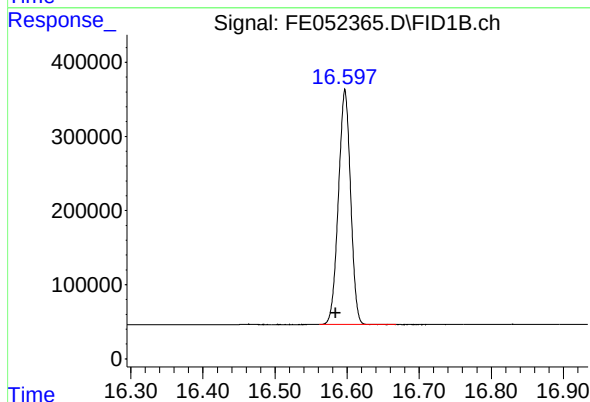
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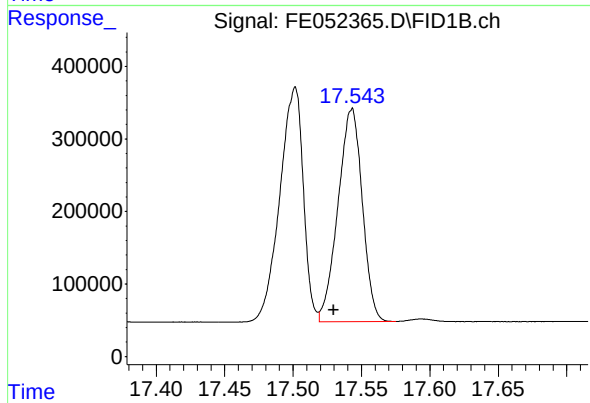
#14 n-Tetracosane (C24)

R.T.: 15.568 min
Delta R.T.: 0.000 min
Response: 7947501
Conc: 69.12 ug/ml



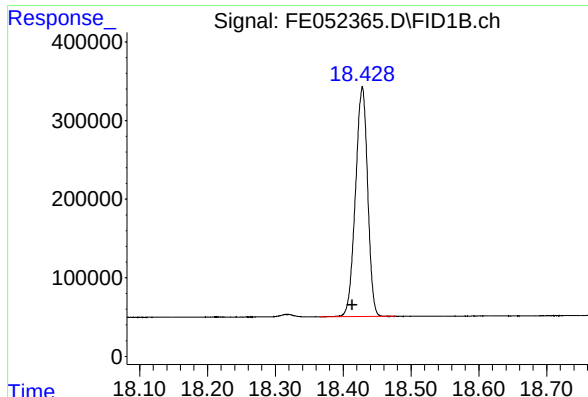
#15 n-Hexacosane (C26)

R.T.: 16.597 min
Delta R.T.: 0.013 min
Response: 3721115
Conc: 32.45 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.543 min
Delta R.T.: 0.013 min
Response: 3629051
Conc: 32.07 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.428 min
Delta R.T.: 0.014 min
Response: 3648278
Conc: 32.02 ug/ml

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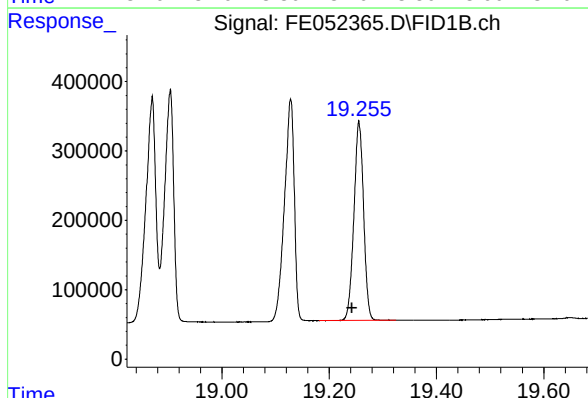
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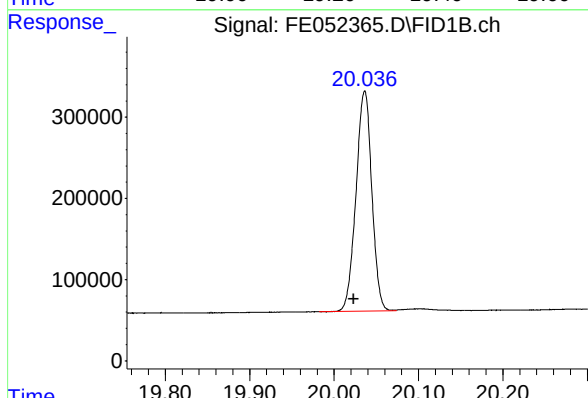
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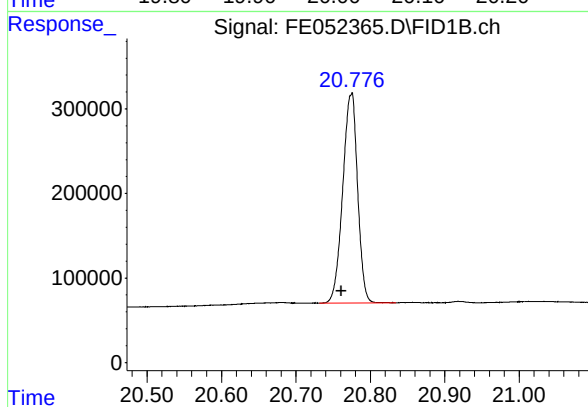
#18 n-Dotriacontane (C32)

R.T.: 19.256 min
Delta R.T.: 0.013 min
Response: 3589038
Conc: 32.92 ug/ml



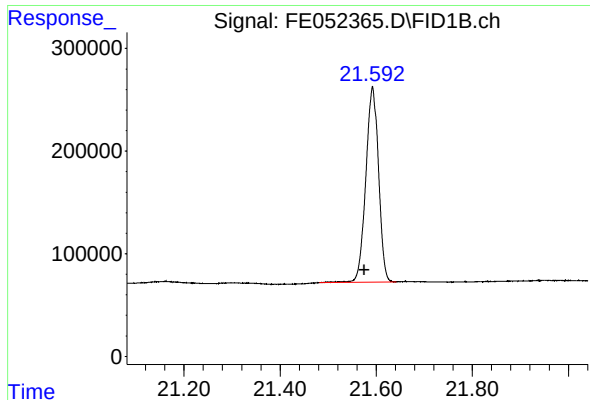
#19 n-Tetratriacontane (C34)

R.T.: 20.036 min
Delta R.T.: 0.013 min
Response: 3534043
Conc: 37.25 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.774 min
Delta R.T.: 0.013 min
Response: 3443166
Conc: 41.67 ug/ml



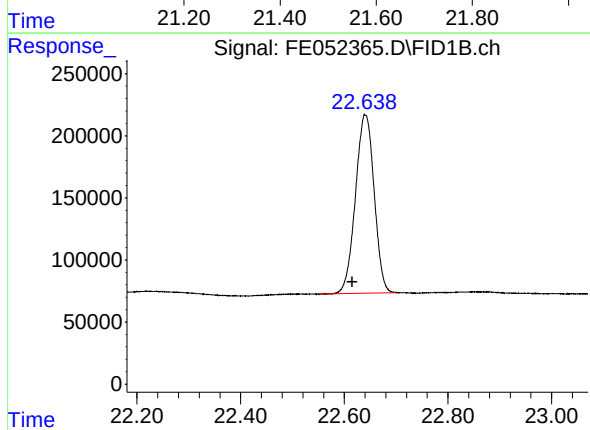
#21 n-Octatriacontane (C38)

R.T.: 21.592 min
Delta R.T.: 0.017 min
Response: 3507389
Conc: 47.21 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.641 min
Delta R.T.: 0.025 min
Response: 3607247
Conc: 48.38 ug/ml