

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE122624AL\
 Data File : FE051772.D
 Signal(s) : FID1B.ch
 Acq On : 26 Dec 2024 17:59
 Operator : YP\AJ
 Sample : P5383-01MSD
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 OK-02-12232024MSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/27/2024
 Supervised By :Ankita Jodhani 12/27/2024

Integration File: autoint1.e
 Quant Time: Dec 27 08:03:17 2024
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 121724.M
 Quant Title : GC Extractables
 QLast Update : Tue Dec 17 15:04:25 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)	12.035	4734430	29.490 ug/ml
Spiked Amount 50.000		Recovery =	58.98%
12) S 1-chlorooctadecane (S...	13.457	3884649	30.794 ug/ml
Spiked Amount 50.000		Recovery =	61.59%
Target Compounds			
1) T n-Nonane (C9)	3.498	2950912	24.628 ug/ml
2) T n-Decane (C10)	4.731	3350894	26.951 ug/ml
3) T A~Naphthalene (C11.7)	6.421	4343837	30.483 ug/ml
4) T n-Dodecane (C12)	6.869	3916370	30.098 ug/ml
5) T A~2-methylnaphthalene...	7.504	4353594	30.763 ug/ml
6) T n-Tetradecane (C14)	8.682	4470477	33.342 ug/ml
7) T n-Hexadecane (C16)	10.278	4691821	32.831 ug/ml
8) T n-Octadecane (C18)	11.712	4816191	32.671 ug/ml
10) T n-Eicosane (C20)	13.014	5030260	34.965 ug/ml
11) T n-Heneicosane (C21)	13.622	4761650	33.507 ug/ml
13) T n-Docosane (C22)	14.205	4762788	33.783 ug/ml
14) T n-Tetracosane (C24)	15.296	9257166	66.348 ug/ml
15) T n-Hexacosane (C26)	16.317	4487778	33.308 ug/ml
16) T n-Octacosane (C28)	17.261	4496642	34.566 ug/ml
17) T n-Tricontane (C30)	18.145	4466168	33.747 ug/ml
18) T n-Dotriacontane (C32)	18.971	4218720	33.651 ug/ml
19) T n-Tetratriacontane (C34)	19.751	4007021	36.420 ug/ml
20) T n-Hexatriacontane (C36)	20.486	3801235	39.591 ug/mlm
21) T n-Octatriacontane (C38)	21.232	3774781	41.921 ug/ml
22) T n-Tetracontane (C40)	22.169	3693257	37.839 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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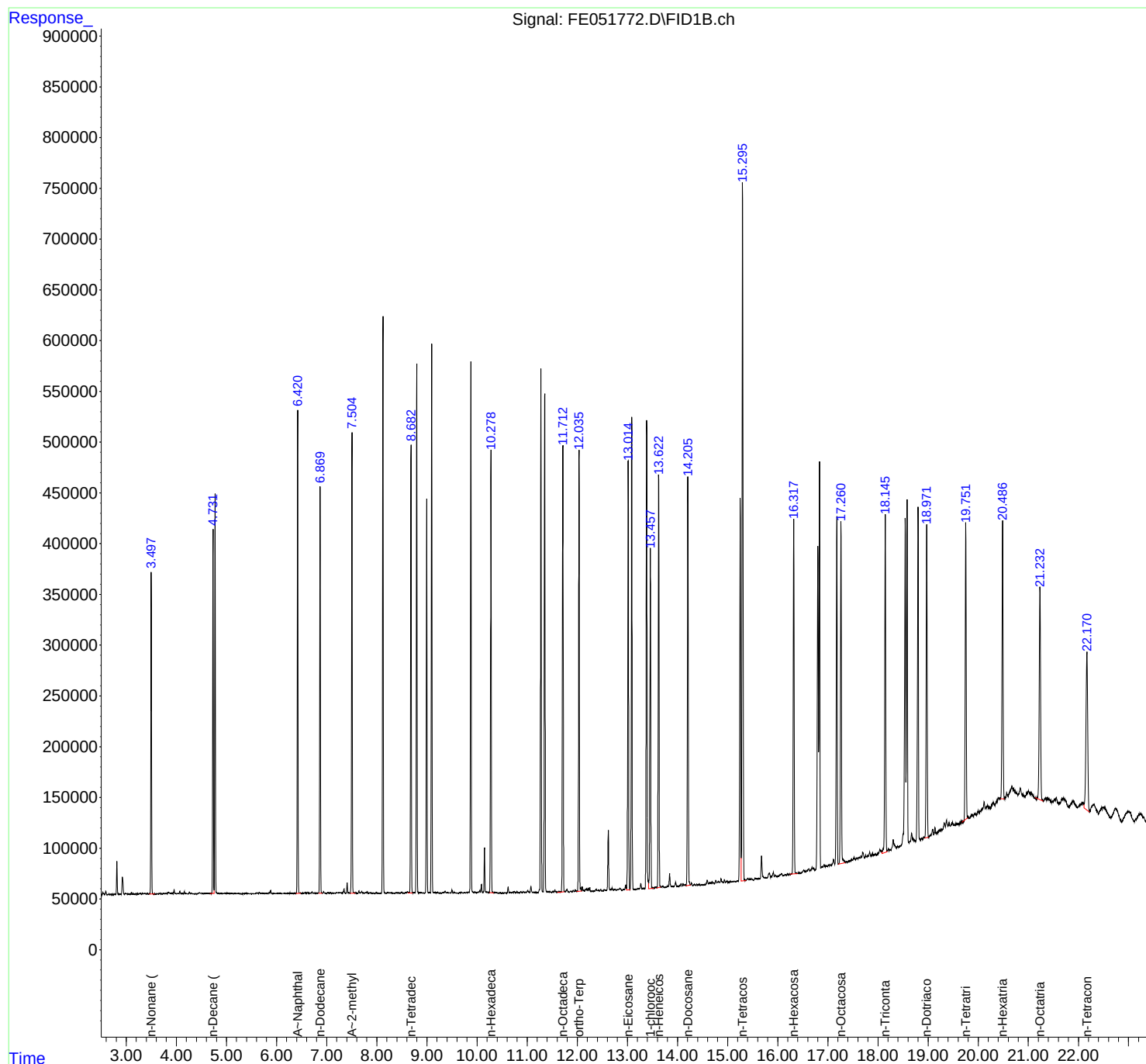
Response via : Initial Calibration

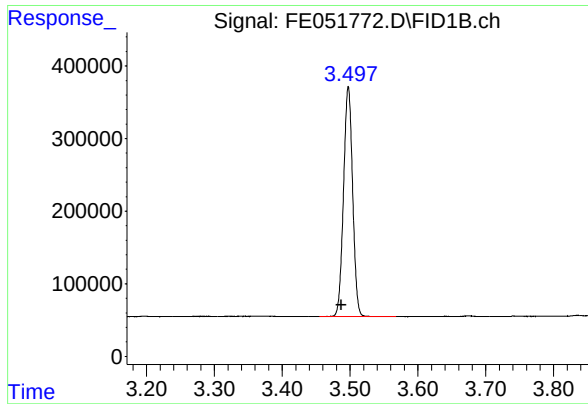
Integrator: ChemStation

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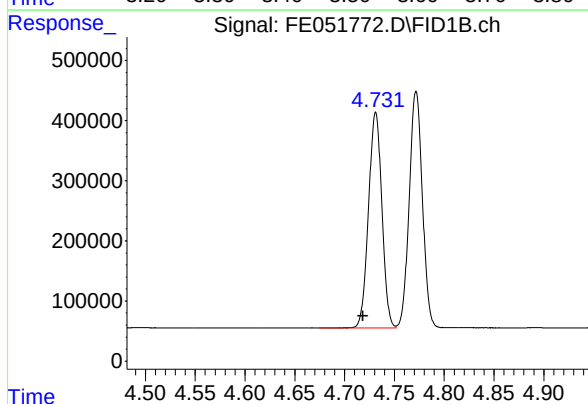
#1 n-Nonane (C9)

R.T.: 3.498 min
Delta R.T.: 0.010 min
Response: 2950912
Conc: 24.63 ug/ml

Instrument : FID_E
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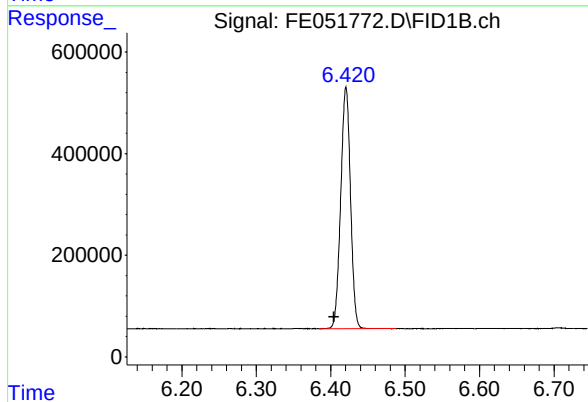
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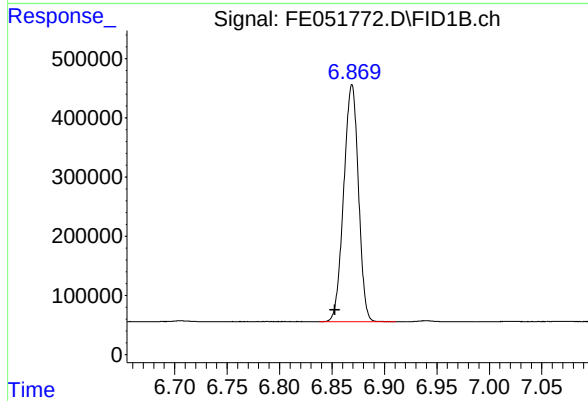
#2 n-Decane (C10)

R.T.: 4.731 min
Delta R.T.: 0.013 min
Response: 3350894
Conc: 26.95 ug/ml



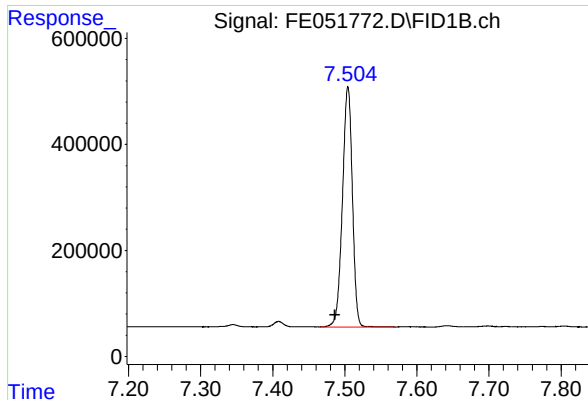
#3 A~Naphthalene (C11.7)

R.T.: 6.421 min
Delta R.T.: 0.016 min
Response: 4343837
Conc: 30.48 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.869 min
Delta R.T.: 0.016 min
Response: 3916370
Conc: 30.10 ug/ml



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

R.T.: 7.504 min
Delta R.T.: 0.018 min
Response: 4353594
Conc: 30.76 ug/ml

Instrument :

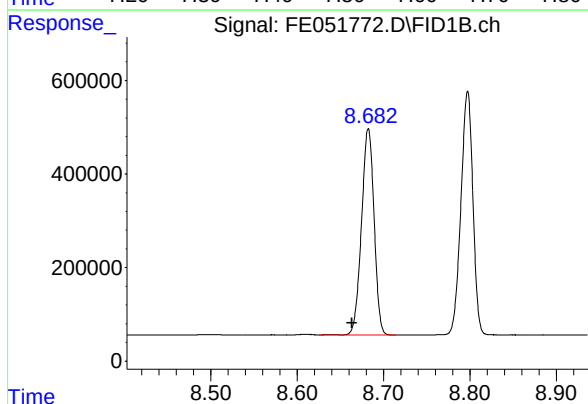
FID_E

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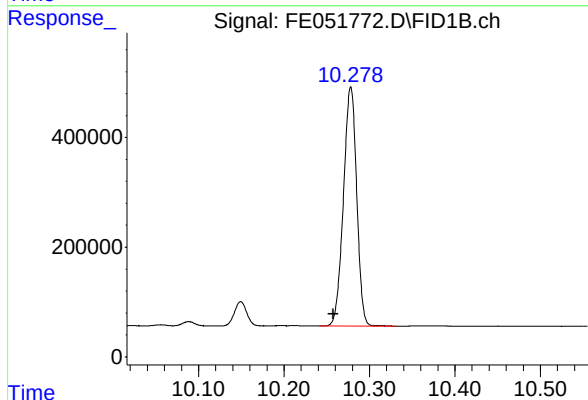
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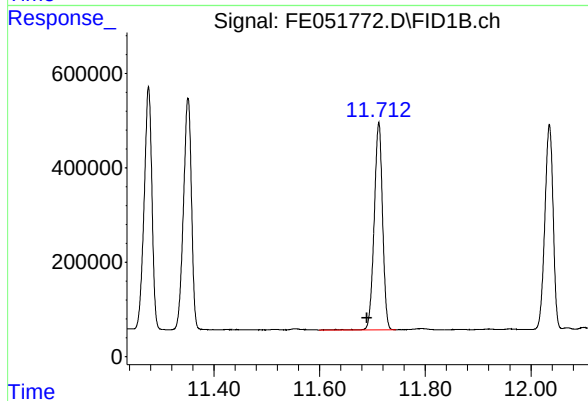
#6 n-Tetradecane (C14)

R.T.: 8.682 min
Delta R.T.: 0.019 min
Response: 4470477
Conc: 33.34 ug/ml



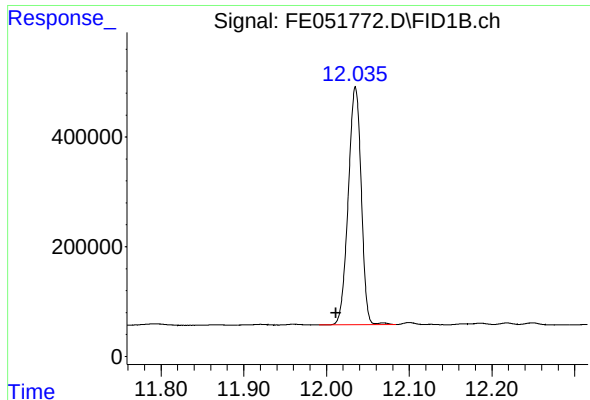
#7 n-Hexadecane (C16)

R.T.: 10.278 min
Delta R.T.: 0.021 min
Response: 4691821
Conc: 32.83 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.712 min
Delta R.T.: 0.022 min
Response: 4816191
Conc: 32.67 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 12.035 min
Delta R.T.: 0.023 min
Response: 4734430
Conc: 29.49 ug/ml

Instrument :

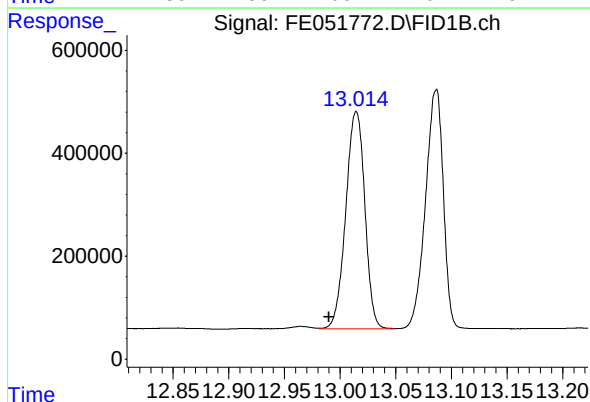
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ClientSampleId :

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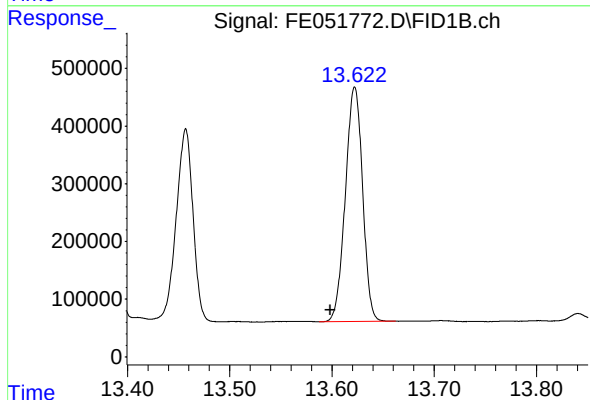
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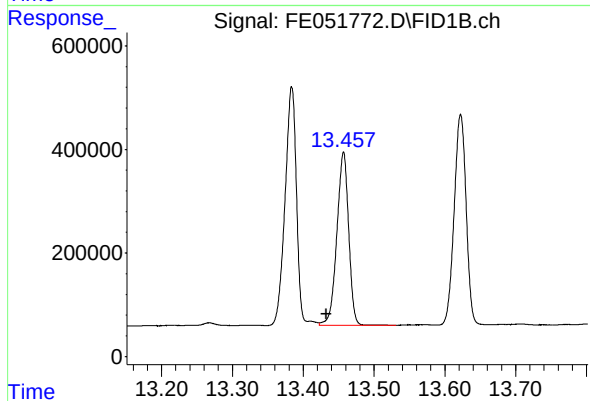
#10 n-Eicosane (C20)

R.T.: 13.014 min
Delta R.T.: 0.024 min
Response: 5030260
Conc: 34.96 ug/ml



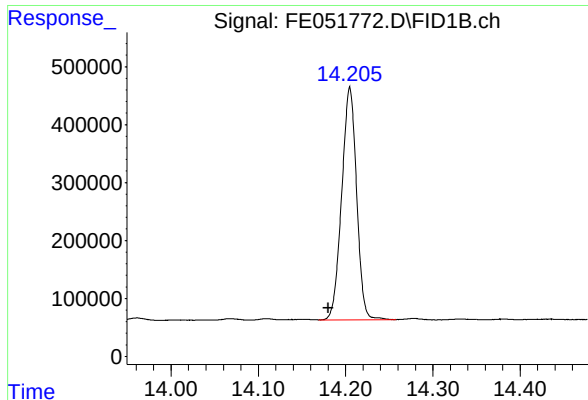
#11 n-Heneicosane (C21)

R.T.: 13.622 min
Delta R.T.: 0.024 min
Response: 4761650
Conc: 33.51 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.457 min
Delta R.T.: 0.024 min
Response: 3884649
Conc: 30.79 ug/ml



#13 n-Docosane (C22)

R.T.: 14.205 min
Delta R.T.: 0.025 min
Response: 4762788
Conc: 33.78 ug/ml

Instrument :

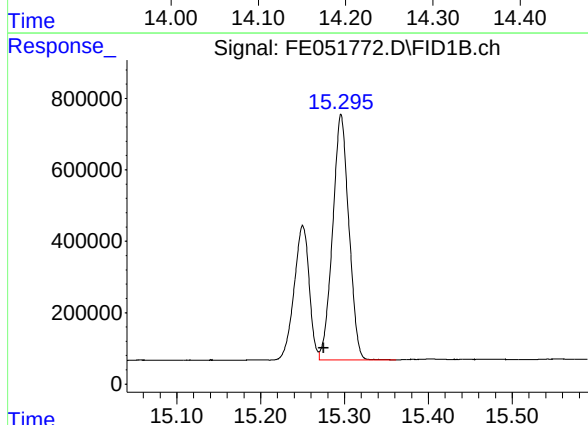
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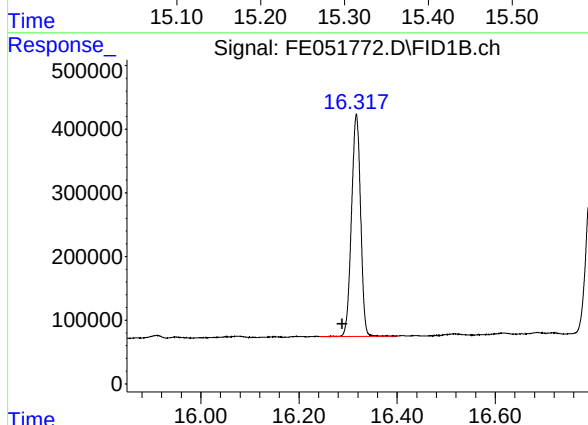
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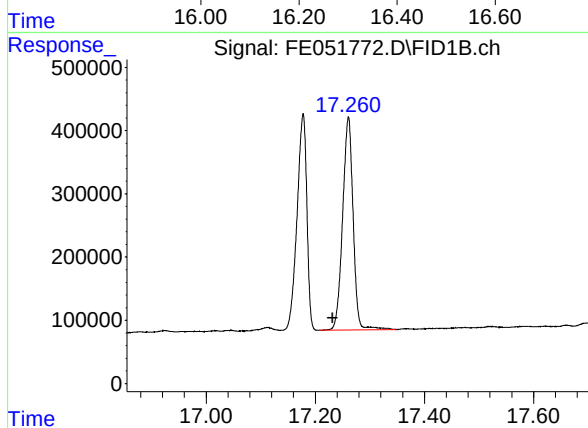
#14 n-Tetracosane (C24)

R.T.: 15.296 min
Delta R.T.: 0.021 min
Response: 9257166
Conc: 66.35 ug/ml



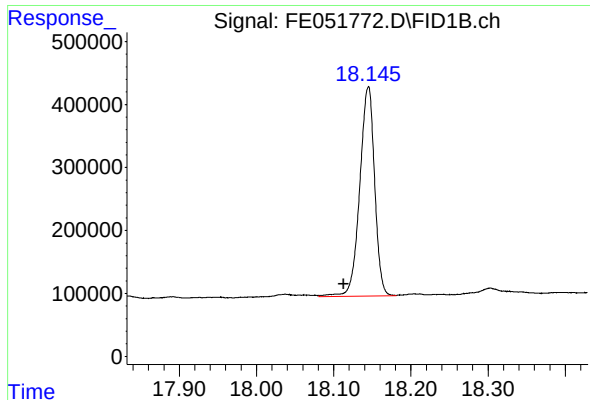
#15 n-Hexacosane (C26)

R.T.: 16.317 min
Delta R.T.: 0.029 min
Response: 4487778
Conc: 33.31 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.261 min
Delta R.T.: 0.029 min
Response: 4496642
Conc: 34.57 ug/ml



#17 n-Tricontane (C30)

R.T.: 18.145 min
Delta R.T.: 0.031 min
Response: 4466168
Conc: 33.75 ug/ml

Instrument :

FID_E

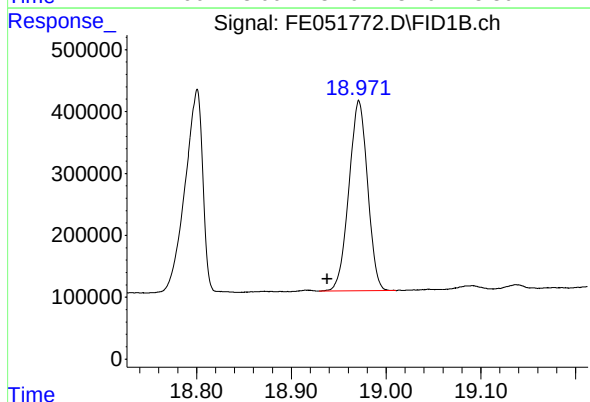
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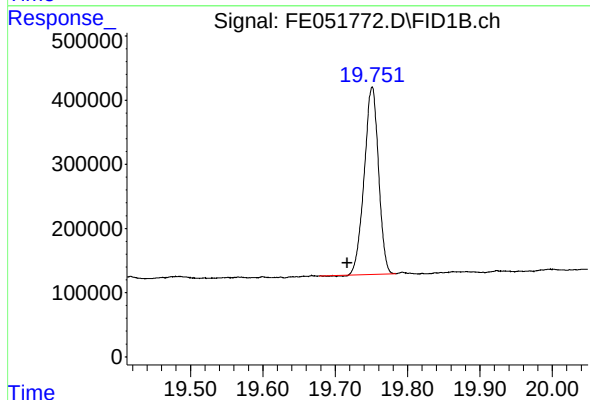
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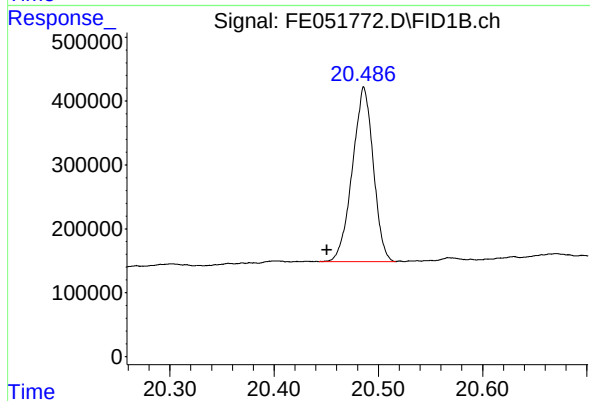
#18 n-Dotriacontane (C32)

R.T.: 18.971 min
Delta R.T.: 0.033 min
Response: 4218720
Conc: 33.65 ug/ml



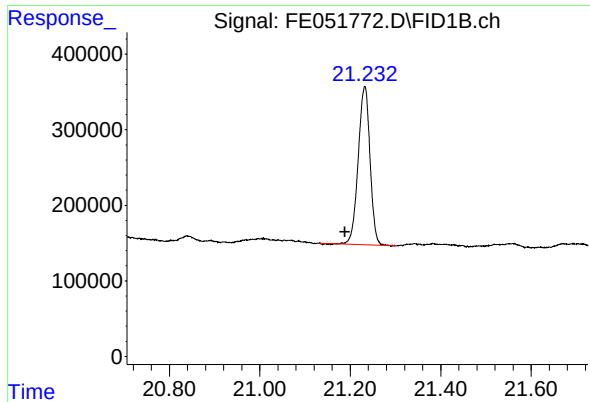
#19 n-Tetratriacontane (C34)

R.T.: 19.751 min
Delta R.T.: 0.034 min
Response: 4007021
Conc: 36.42 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.486 min
Delta R.T.: 0.035 min
Response: 3801235
Conc: 39.59 ug/ml m



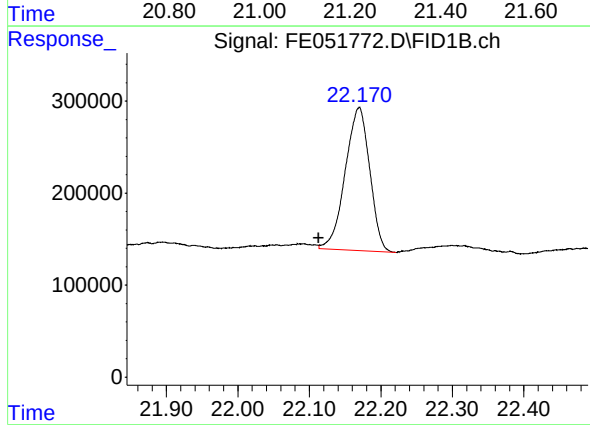
#21 n-Octatriacontane (C38)

R.T.: 21.232 min
Delta R.T.: 0.043 min
Response: 3774781
Conc: 41.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.169 min
Delta R.T.: 0.056 min
Response: 3693257
Conc: 37.84 ug/ml