

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE011325AL\
 Data File : FE051901.D
 Signal(s) : FID1B.ch
 Acq On : 13 Jan 2025 15:34
 Operator : YP\AJ
 Sample : Q1068-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

TR-06-1-10-2025MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 01/14/2025

Supervised By :Ankita Jodhani 01/14/2025

Integration File: autoint1.e

Quant Time: Jan 14 07:44:58 2025

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 010225.M

Quant Title : GC Extractables

QLast Update : Fri Jan 03 04:14:12 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)	12.155	3939394	27.178 ug/ml
Spiked Amount 50.000		Recovery =	54.36%
12) S 1-chlorooctadecane (S...	13.520	5911745	51.447 ug/ml
Spiked Amount 50.000		Recovery =	102.89%
Target Compounds			
1) T n-Nonane (C9)	3.574	2903142	26.284 ug/ml
2) T n-Decane (C10)	4.813	3285687	28.874 ug/ml
3) T A~Naphthalene (C11.7)	6.518	4210148	33.011 ug/ml
4) T n-Dodecane (C12)	6.962	3883446	33.069 ug/ml
5) T A~2-methylnaphthalene...	7.607	4341493	34.688 ug/ml
6) T n-Tetradecane (C14)	8.785	4671697	38.964 ug/mlm
7) T n-Hexadecane (C16)	10.387	5090554	39.779 ug/ml
8) T n-Octadecane (C18)	11.828	5148495	38.691 ug/ml
10) T n-Eicosane (C20)	13.136	5382790	40.910 ug/mlm
11) T n-Heneicosane (C21)	13.746	5185961	39.460 ug/ml
13) T n-Docosane (C22)	14.332	4989985	38.037 ug/ml
14) T n-Tetracosane (C24)	15.394	5029256	37.969 ug/ml
15) T n-Hexacosane (C26)	16.455	4665094	35.554 ug/ml
16) T n-Octacosane (C28)	17.402	4784706	37.057 ug/ml
17) T n-Tricontane (C30)	18.289	4650573	35.376 ug/ml
18) T n-Dotriacontane (C32)	19.120	4530772	35.701 ug/ml
19) T n-Tetratriacontane (C34)	19.902	4245467	38.210 ug/ml
20) T n-Hexatriacontane (C36)	20.640	3928462	39.819 ug/ml
21) T n-Octatriacontane (C38)	21.432	3905337	41.248 ug/mlm
22) T n-Tetracontane (C40)	22.440	3634970	39.488 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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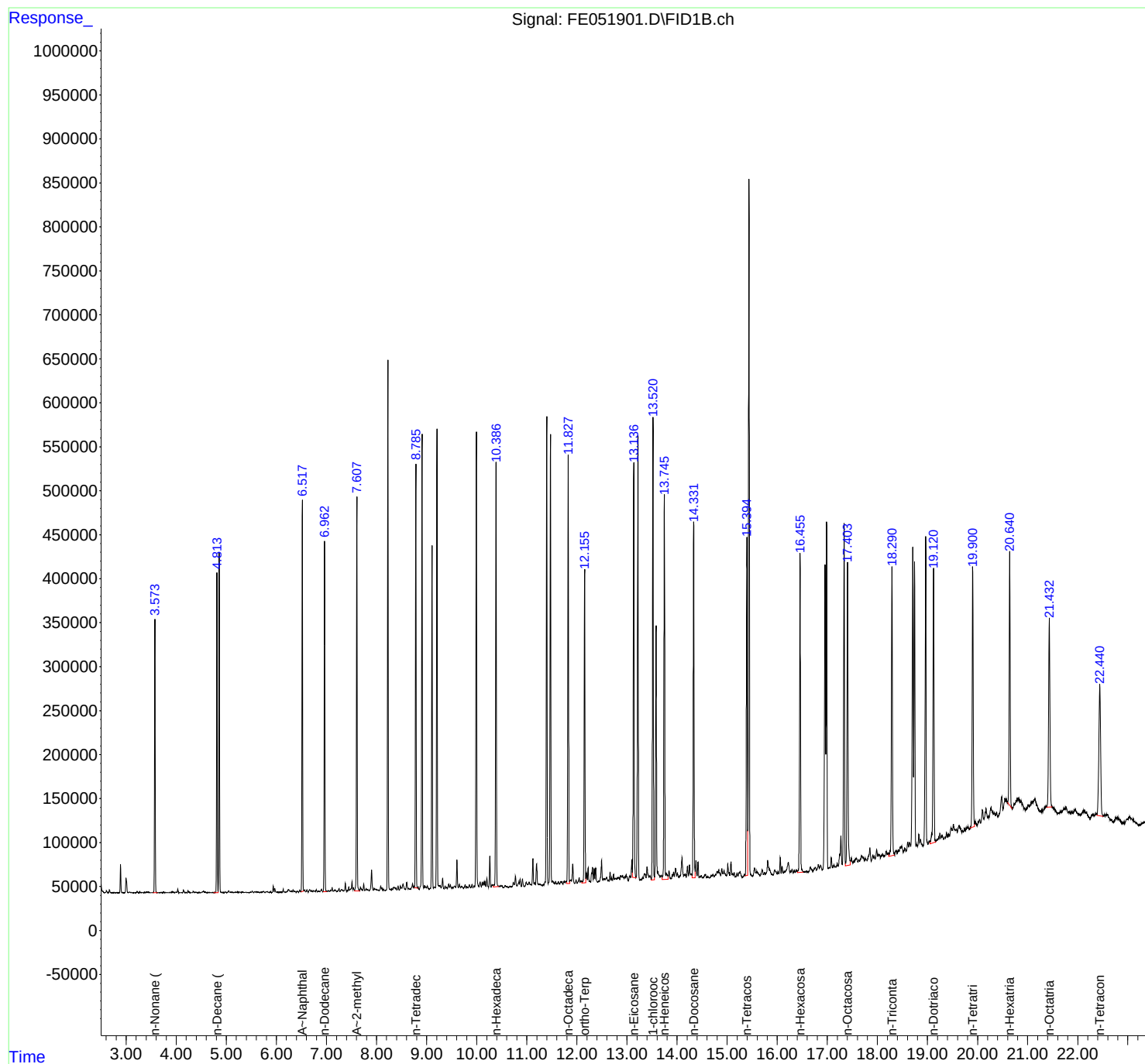
Instrument :
FID_E
ClientSampleId :
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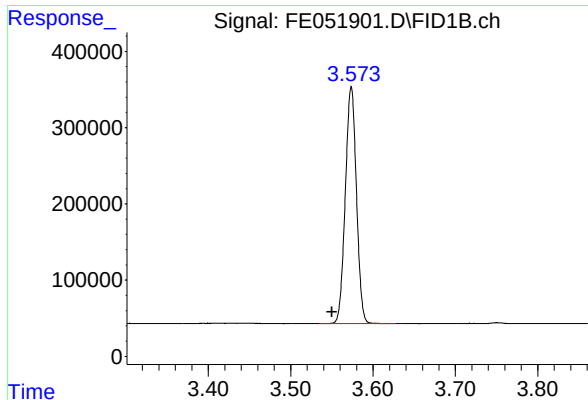
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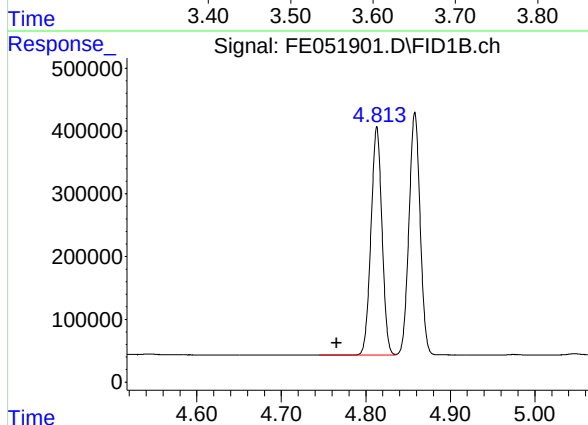
#1 n-Nonane (C9)

R.T.: 3.574 min
Delta R.T.: 0.024 min
Response: 2903142
Conc: 26.28 ug/ml

Instrument : FID_E
ClientSampleId : TR-06-1-10-2025MS

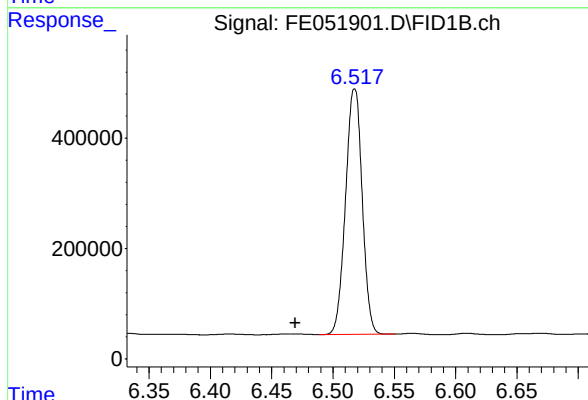
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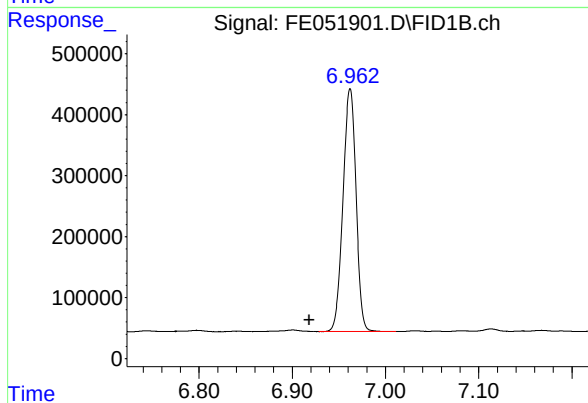
#2 n-Decane (C10)

R.T.: 4.813 min
Delta R.T.: 0.047 min
Response: 3285687
Conc: 28.87 ug/ml



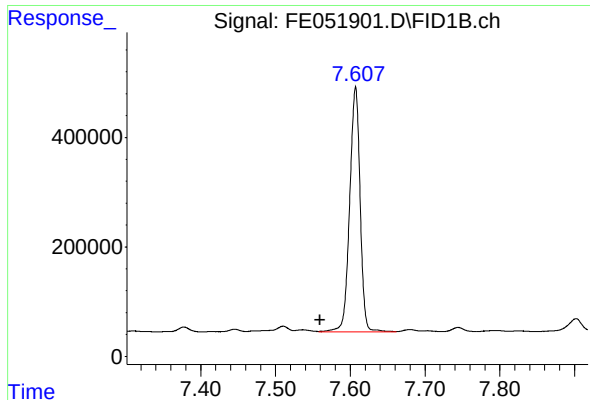
#3 A~Naphthalene (C11.7)

R.T.: 6.518 min
Delta R.T.: 0.048 min
Response: 4210148
Conc: 33.01 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.962 min
Delta R.T.: 0.044 min
Response: 3883446
Conc: 33.07 ug/ml



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

R.T.: 7.607 min
Delta R.T.: 0.047 min
Response: 4341493
Conc: 34.69 ug/ml

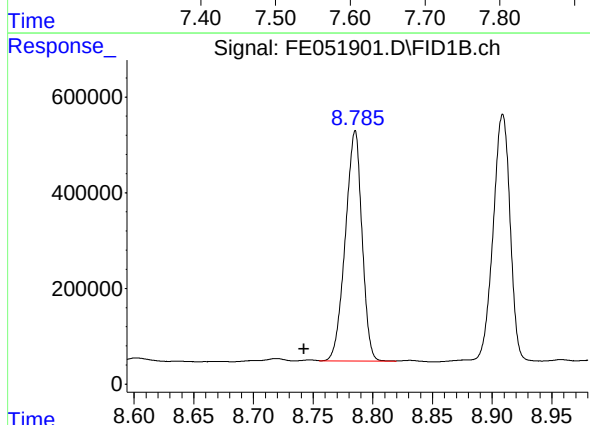
Instrument :

FID_E

ClientSampleId :
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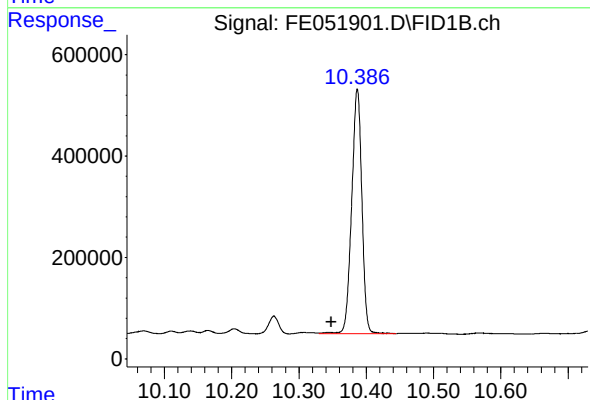
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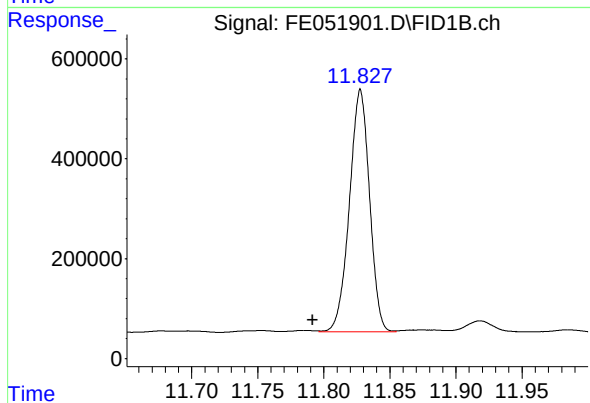
#6 n-Tetradecane (C14)

R.T.: 8.785 min
Delta R.T.: 0.043 min
Response: 4671697
Conc: 38.96 ug/ml m



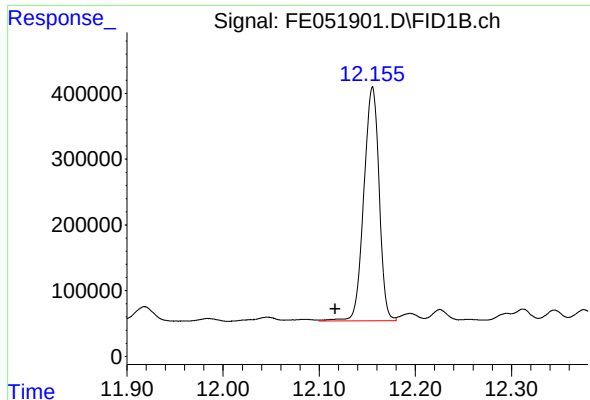
#7 n-Hexadecane (C16)

R.T.: 10.387 min
Delta R.T.: 0.039 min
Response: 5090554
Conc: 39.78 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.828 min
Delta R.T.: 0.036 min
Response: 5148495
Conc: 38.69 ug/ml



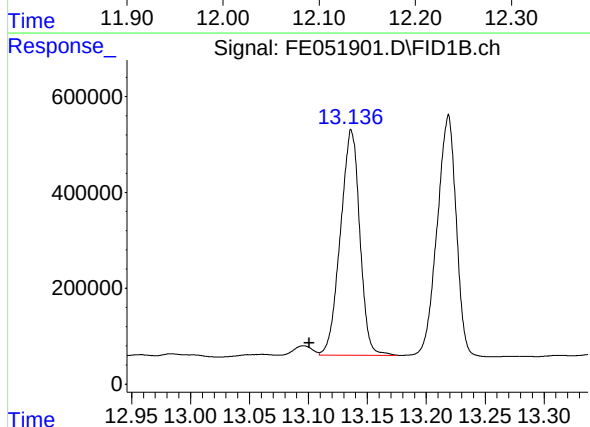
#9 ortho-Terphenyl (SURR)

R.T.: 12.155 min
Delta R.T.: 0.038 min
Response: 3939394
Conc: 27.18 ug/ml

Instrument :
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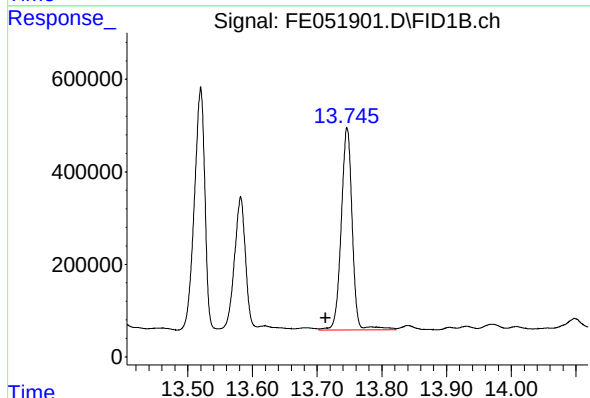
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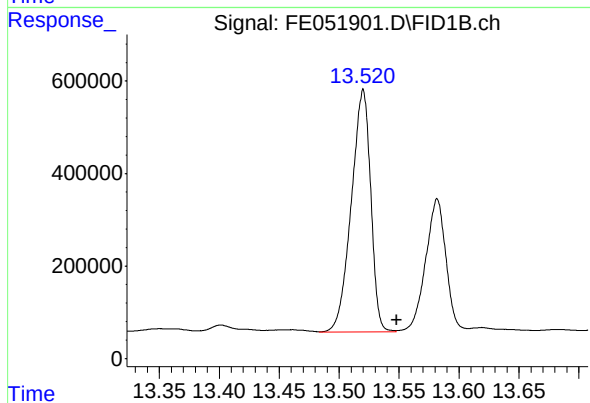
#10 n-Eicosane (C20)

R.T.: 13.136 min
Delta R.T.: 0.035 min
Response: 5382790
Conc: 40.91 ug/ml m



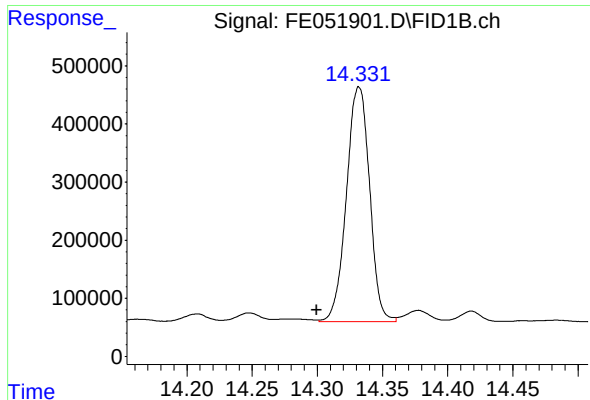
#11 n-Heneicosane (C21)

R.T.: 13.746 min
Delta R.T.: 0.033 min
Response: 5185961
Conc: 39.46 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.520 min
Delta R.T.: -0.028 min
Response: 5911745
Conc: 51.45 ug/ml



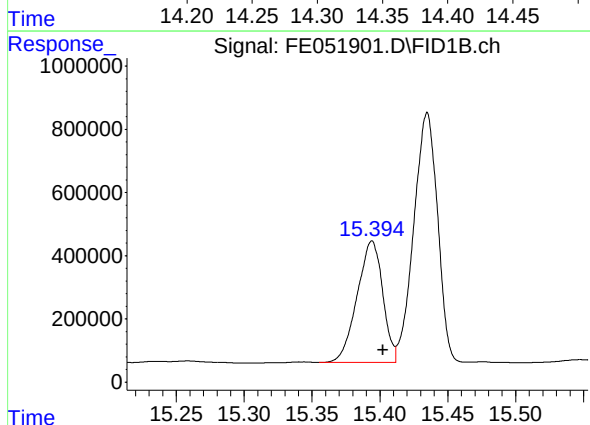
#13 n-Docosane (C22)

R.T.: 14.332 min
Delta R.T.: 0.032 min
Response: 4989985
Conc: 38.04 ug/ml

Instrument :
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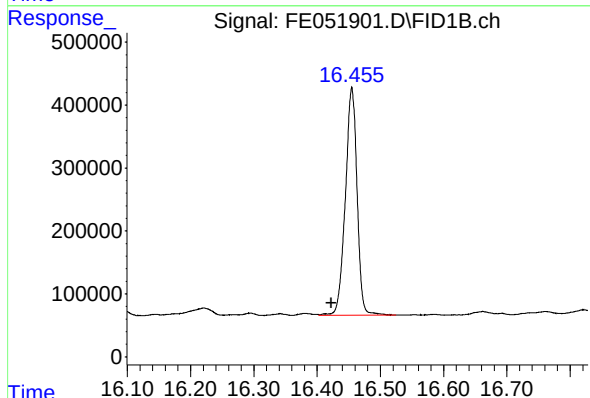
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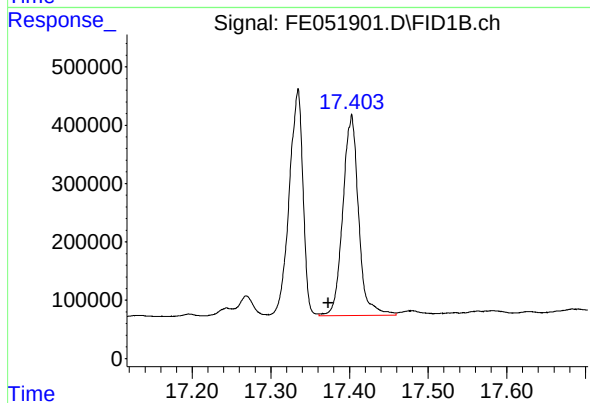
#14 n-Tetracosane (C24)

R.T.: 15.394 min
Delta R.T.: -0.008 min
Response: 5029256
Conc: 37.97 ug/ml



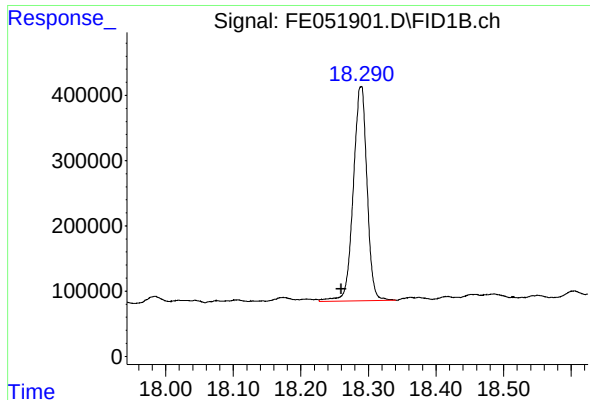
#15 n-Hexacosane (C26)

R.T.: 16.455 min
Delta R.T.: 0.032 min
Response: 4665094
Conc: 35.55 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.402 min
Delta R.T.: 0.029 min
Response: 4784706
Conc: 37.06 ug/ml



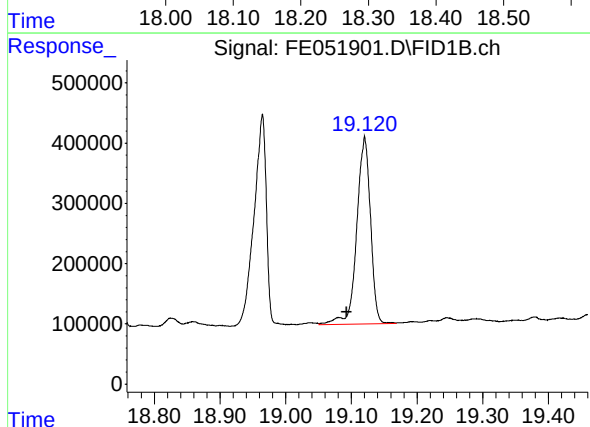
#17 n-Tricontane (C30)

R.T.: 18.289 min
Delta R.T.: 0.029 min
Response: 4650573
Conc: 35.38 ug/ml

Instrument :
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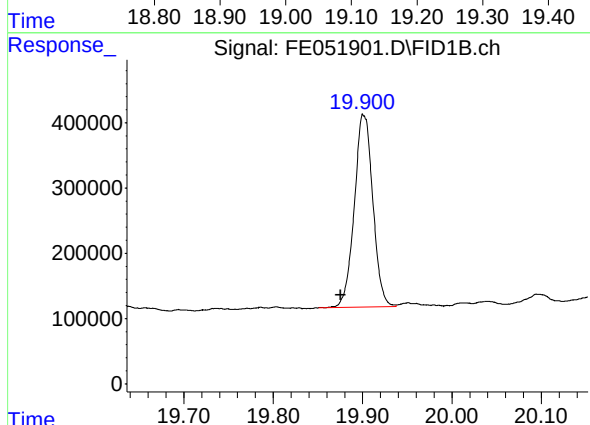
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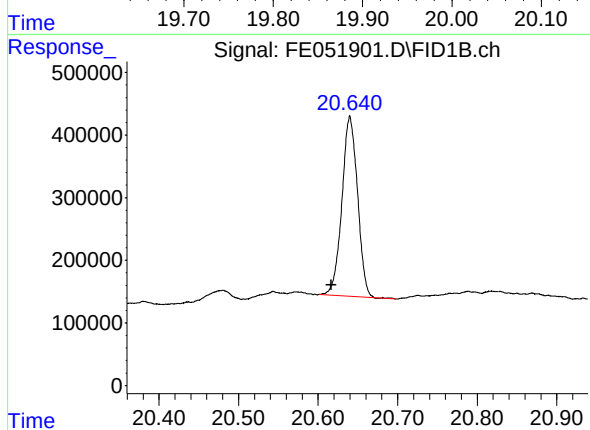
#18 n-Dotriacontane (C32)

R.T.: 19.120 min
Delta R.T.: 0.027 min
Response: 4530772
Conc: 35.70 ug/ml



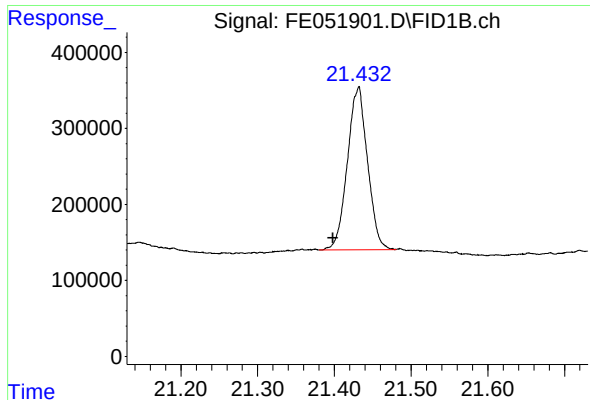
#19 n-Tetratriacontane (C34)

R.T.: 19.902 min
Delta R.T.: 0.026 min
Response: 4245467
Conc: 38.21 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.640 min
Delta R.T.: 0.024 min
Response: 3928462
Conc: 39.82 ug/ml



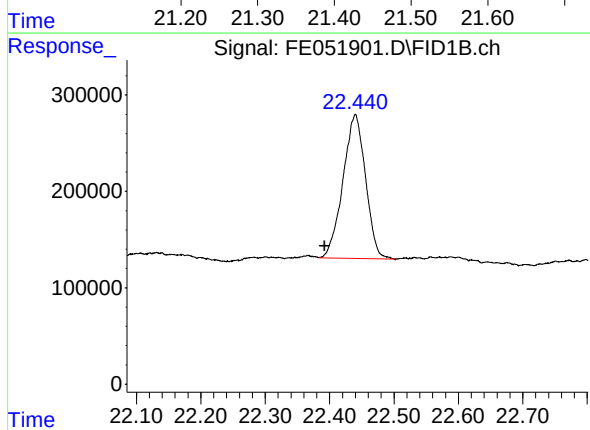
#21 n-Octatriacontane (C38)

R.T.: 21.432 min
Delta R.T.: 0.034 min
Response: 3905337
Conc: 41.25 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.440 min
Delta R.T.: 0.047 min
Response: 3634970
Conc: 39.49 ug/ml