

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE061924AL\
 Data File : FE048787.D
 Signal(s) : FID1B.ch
 Acq On : 19 Jun 2024 15:38
 Operator : YP\AJ
 Sample : P2930-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

WCS-TPEMS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 06/20/2024

Supervised By :Ankita Jodhani 06/20/2024

Integration File: autoint1.e

Quant Time: Jun 20 01:21:22 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 052524.M

Quant Title : GC Extractables

QLast Update : Fri May 24 16:28:51 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)	11.936	4722929	32.890 ug/ml
Spiked Amount 50.000		Recovery =	65.78%
12) S 1-chlorooctadecane (S...	13.370	4095167	37.590 ug/ml
Spiked Amount 50.000		Recovery =	75.18%
Target Compounds			
1) T n-Nonane (C9)	3.325	3734085	24.976 ug/ml
2) T n-Decane (C10)	4.575	4199951	27.814 ug/ml
3) T A~Naphthalene (C11.7)	6.279	4637690	31.147 ug/ml
4) T n-Dodecane (C12)	6.740	4304655	29.080 ug/ml
5) T A~2-methylnaphthalene...	7.376	4658601	33.599 ug/ml
6) T n-Tetradecane (C14)	8.569	4720784	33.284 ug/ml
7) T n-Hexadecane (C16)	10.174	5018969	35.601 ug/ml
8) T n-Octadecane (C18)	11.617	5040321	36.291 ug/ml
10) T n-Eicosane (C20)	12.925	5019699	37.932 ug/ml
11) T n-Heneicosane (C21)	13.537	4812534	37.154 ug/ml
13) T n-Docosane (C22)	14.123	4822061	37.420 ug/ml
14) T n-Tetracosane (C24)	15.218	8957871	69.146 ug/ml
15) T n-Hexacosane (C26)	16.245	4821280	37.200 ug/ml
16) T n-Octacosane (C28)	17.194	4964572	38.410 ug/ml
17) T n-Tricontane (C30)	18.079	4922130	36.743 ug/ml
18) T n-Dotriacontane (C32)	18.911	5033167	37.079 ug/ml
19) T n-Tetratriacontane (C34)	19.694	5147405	37.627 ug/ml
20) T n-Hexatriacontane (C36)	20.432	5222608	38.420 ug/mlm
21) T n-Octatriacontane (C38)	21.169	5355819	39.273 ug/ml
22) T n-Tetracontane (C40)	22.082	5210503	38.055 ug/ml

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 12 Sample Multiplier: 1

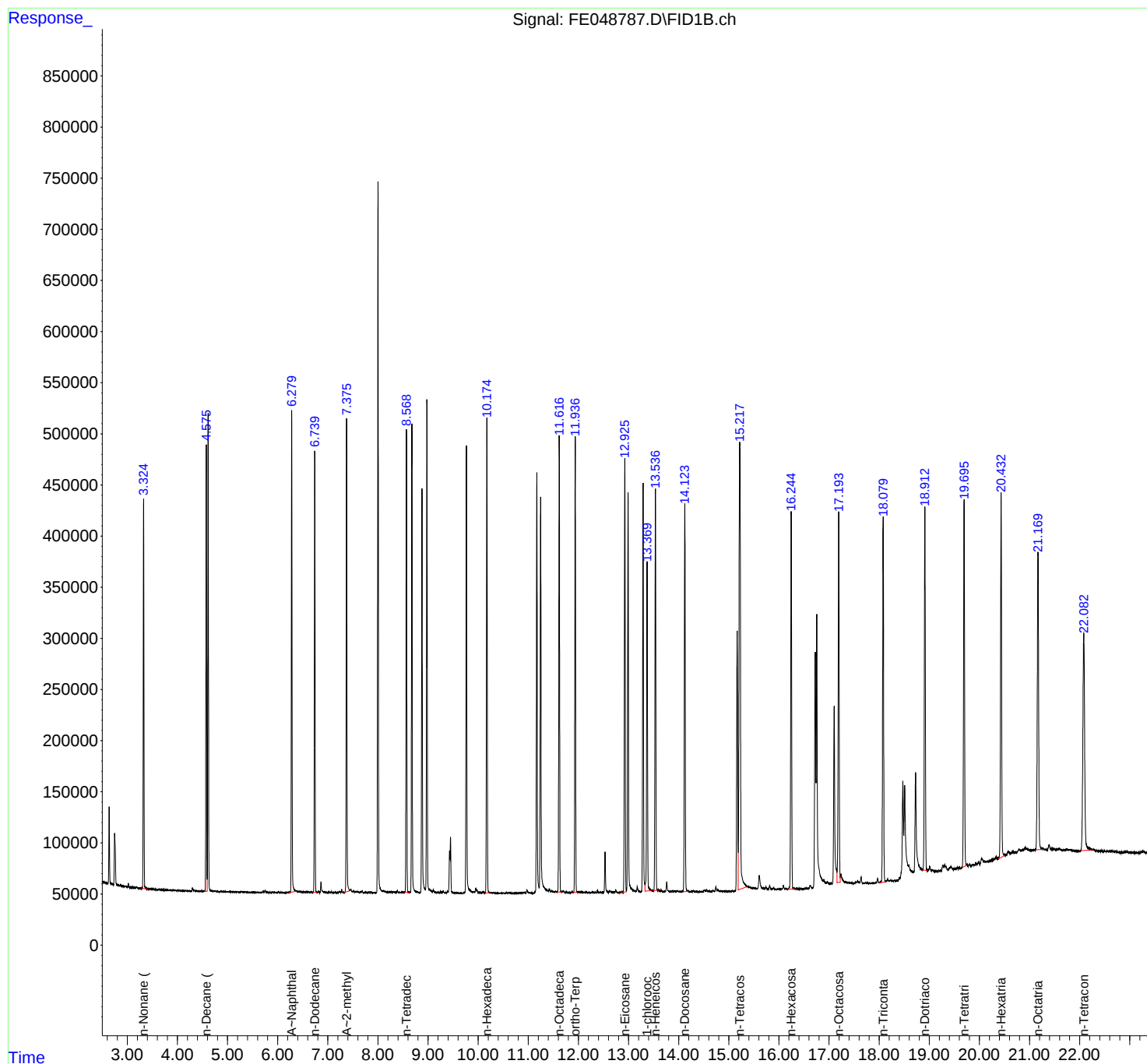
Instrument :
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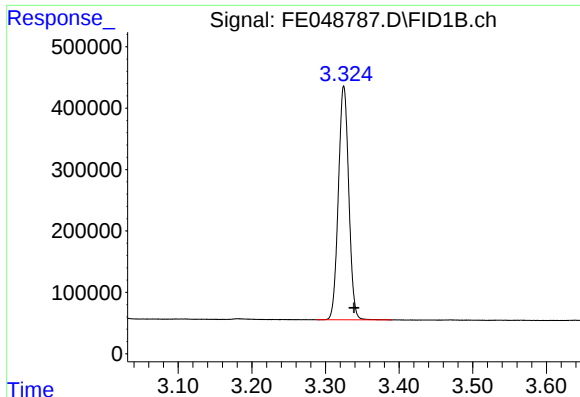
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Quant Title : GC Extractables
QLast Update : Fri May 24 16:28:51 2024
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Volume Inj. : 1 u1
Signal Phase : Rxi-1ms
Signal Info : 20M x 0.18mm x 0.18um





#1 n-Nonane (C9)

R.T.: 3.325 min
Delta R.T.: -0.014 min
Response: 3734085
Conc: 24.98 ug/ml

Instrument :

FID_E

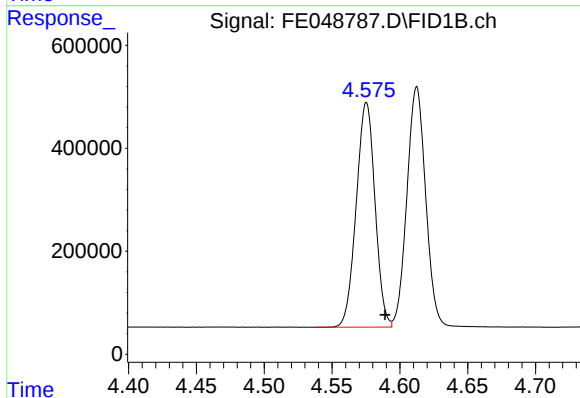
ClientSampleId :

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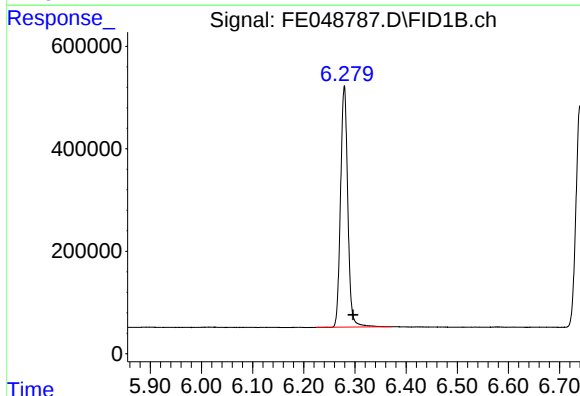
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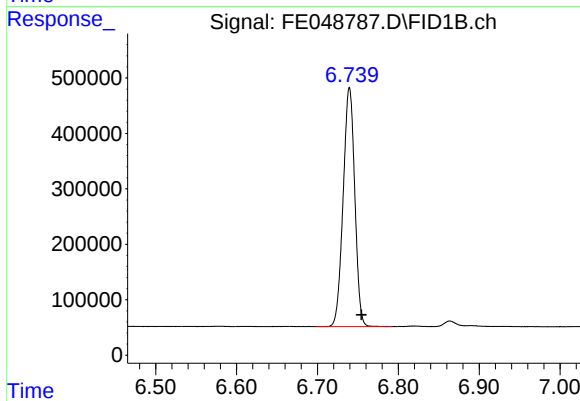
#2 n-Decane (C10)

R.T.: 4.575 min
Delta R.T.: -0.014 min
Response: 4199951
Conc: 27.81 ug/ml



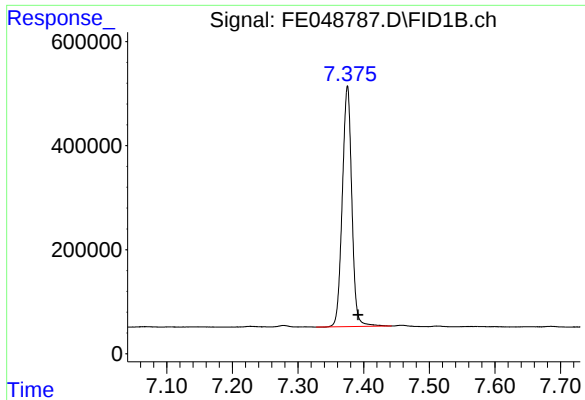
#3 A~Naphthalene (C11.7)

R.T.: 6.279 min
Delta R.T.: -0.016 min
Response: 4637690
Conc: 31.15 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.740 min
Delta R.T.: -0.014 min
Response: 4304655
Conc: 29.08 ug/ml



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

R.T.: 7.376 min
Delta R.T.: -0.016 min
Response: 4658601
Conc: 33.60 ug/ml

Instrument :

FID_E

ClientSampleId :

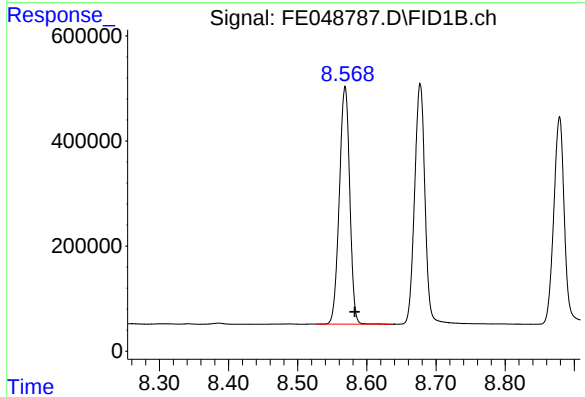
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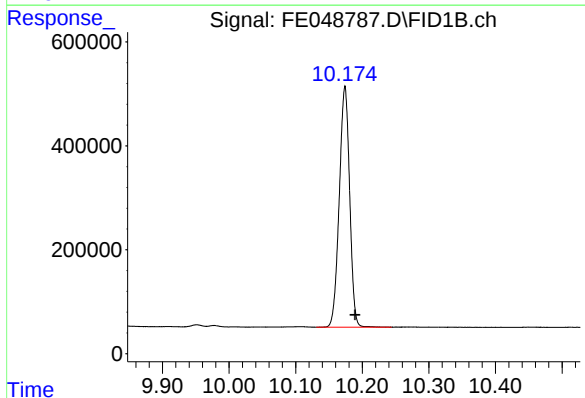
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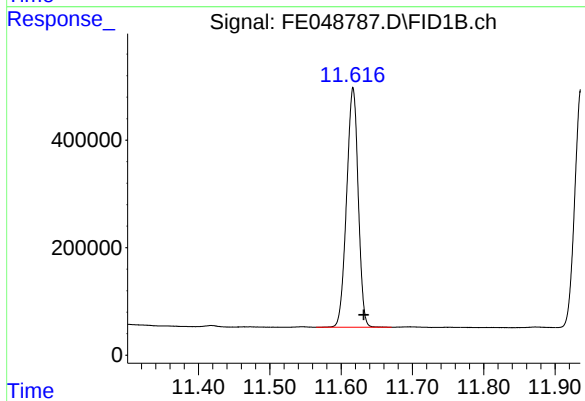
#6 n-Tetradecane (C14)

R.T.: 8.569 min
Delta R.T.: -0.014 min
Response: 4720784
Conc: 33.28 ug/ml



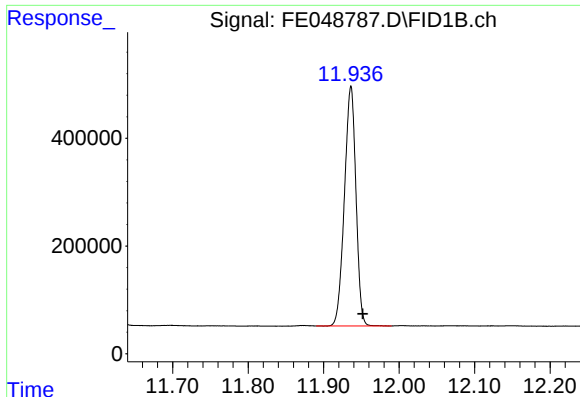
#7 n-Hexadecane (C16)

R.T.: 10.174 min
Delta R.T.: -0.015 min
Response: 5018969
Conc: 35.60 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.617 min
Delta R.T.: -0.015 min
Response: 5040321
Conc: 36.29 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.936 min
Delta R.T.: -0.016 min
Response: 4722929
Conc: 32.89 ug/ml

Instrument :

FID_E

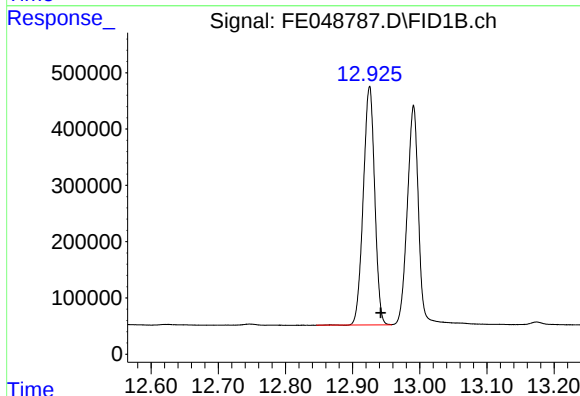
ClientSampleId :

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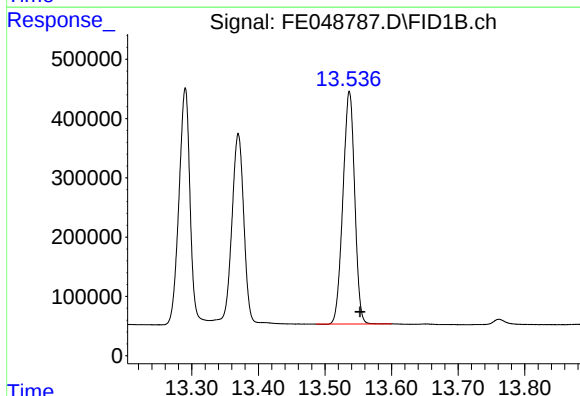
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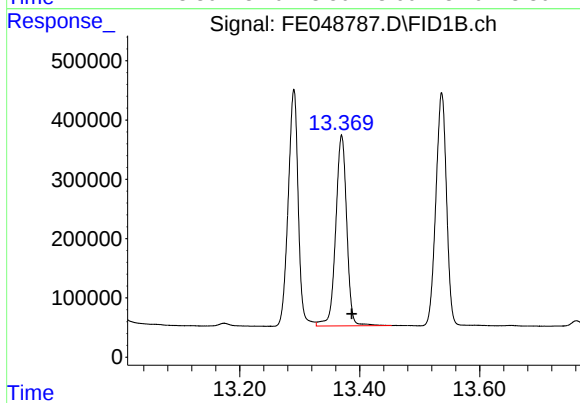
#10 n-Eicosane (C20)

R.T.: 12.925 min
Delta R.T.: -0.016 min
Response: 5019699
Conc: 37.93 ug/ml



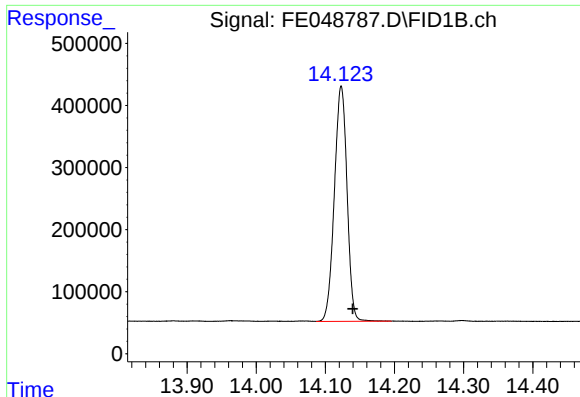
#11 n-Heneicosane (C21)

R.T.: 13.537 min
Delta R.T.: -0.016 min
Response: 4812534
Conc: 37.15 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.370 min
Delta R.T.: -0.017 min
Response: 4095167
Conc: 37.59 ug/ml



#13 n-Docosane (C22)

R.T.: 14.123 min
Delta R.T.: -0.016 min
Response: 4822061
Conc: 37.42 ug/ml

Instrument :

FID_E

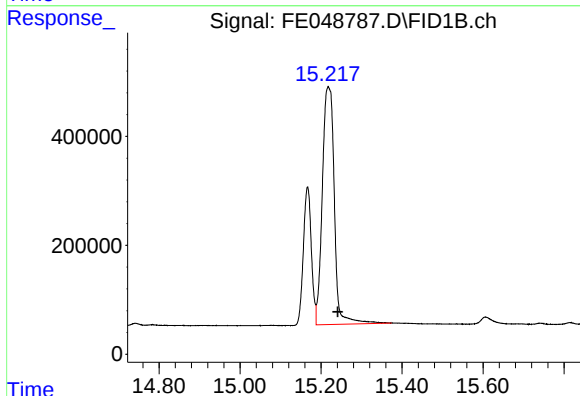
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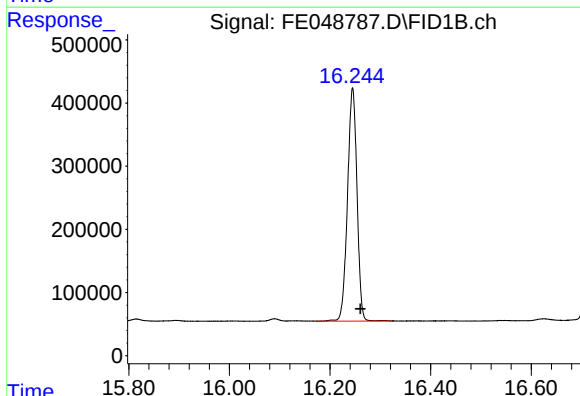
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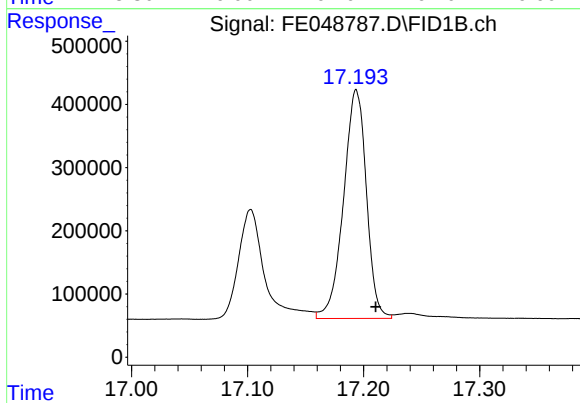
#14 n-Tetracosane (C24)

R.T.: 15.218 min
Delta R.T.: -0.024 min
Response: 8957871
Conc: 69.15 ug/ml



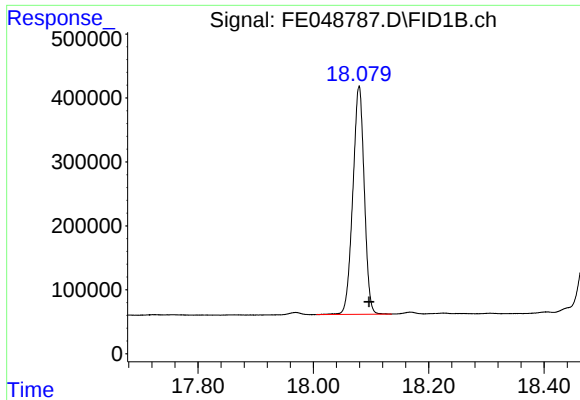
#15 n-Hexacosane (C26)

R.T.: 16.245 min
Delta R.T.: -0.016 min
Response: 4821280
Conc: 37.20 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.194 min
Delta R.T.: -0.017 min
Response: 4964572
Conc: 38.41 ug/ml



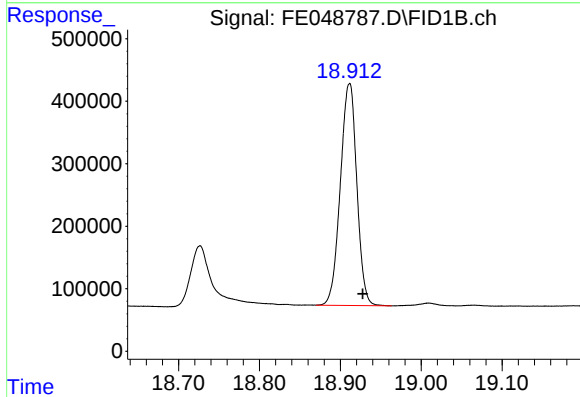
#17 n-Tricontane (C30)

R.T.: 18.079 min
Delta R.T.: -0.017 min
Response: 4922130
Conc: 36.74 ug/ml

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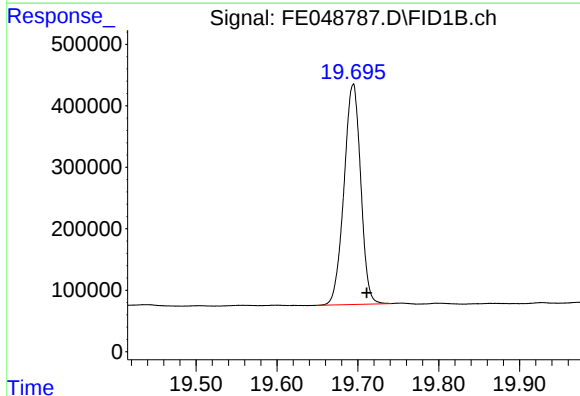
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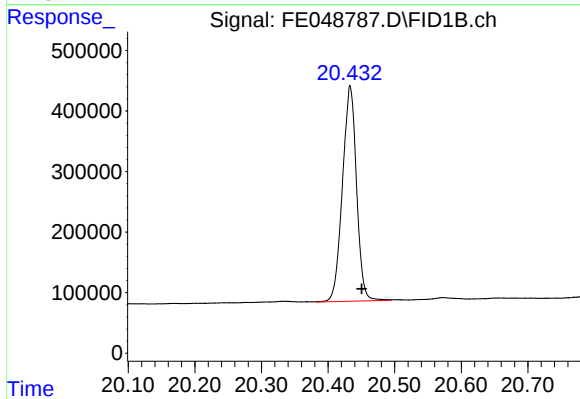
#18 n-Dotriacontane (C32)

R.T.: 18.911 min
Delta R.T.: -0.016 min
Response: 5033167
Conc: 37.08 ug/ml



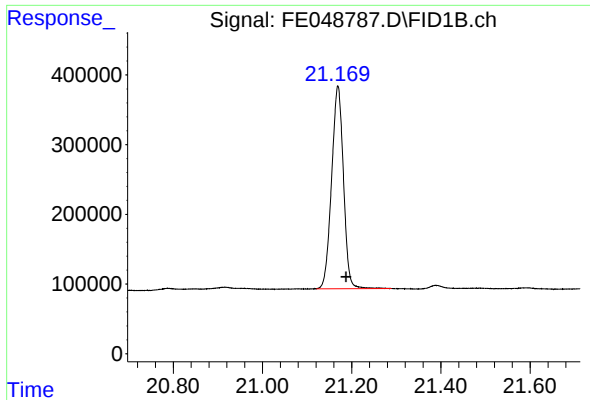
#19 n-Tetratriacontane (C34)

R.T.: 19.694 min
Delta R.T.: -0.017 min
Response: 5147405
Conc: 37.63 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.432 min
Delta R.T.: -0.018 min
Response: 5222608
Conc: 38.42 ug/ml m



#21 n-Octatriacontane (C38)

R.T.: 21.169 min
Delta R.T.: -0.018 min
Response: 5355819
Conc: 39.27 ug/ml

Instrument :

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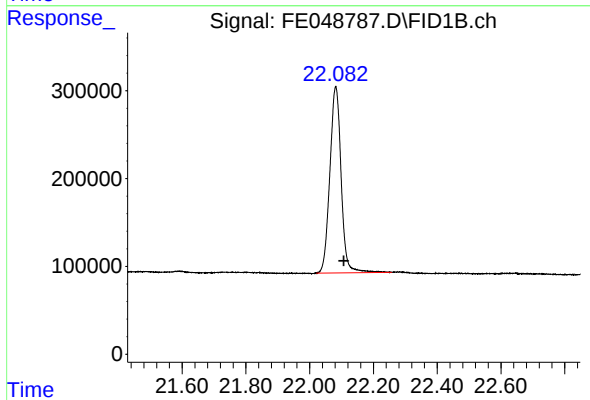
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#22 n-Tetracontane (C40)

R.T.: 22.082 min
Delta R.T.: -0.026 min
Response: 5210503
Conc: 38.05 ug/ml