

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE052224AL\
 Data File : FE048328.D
 Signal(s) : FID1B.ch
 Acq On : 22 May 2024 16:17
 Operator : YP\AJ
 Sample : P2564-01MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :

FID_E

ClientSampleId :

HD-01-05212024MS

Manual Integrations**APPROVED**

Reviewed By :Yogesh Patel 05/23/2024

Supervised By :Ankita Jodhani 05/23/2024

Integration File: autoint1.e

Quant Time: May 23 01:36:15 2024

Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042724.M

Quant Title : GC Extractables

QLast Update : Mon Apr 29 03:29:12 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)	11.957	4155248	28.803 ug/ml
Spiked Amount 50.000		Recovery =	57.61%
12) S 1-chlorooctadecane (S...	13.392	3455587	30.925 ug/ml
Spiked Amount 50.000		Recovery =	61.85%
Target Compounds			
1) T n-Nonane (C9)	3.343	3113549	24.159 ug/ml
2) T n-Decane (C10)	4.593	3542809	26.910 ug/ml
3) T A~Naphthalene (C11.7)	6.299	3923600	28.415 ug/ml
4) T n-Dodecane (C12)	6.758	3659702	27.452 ug/ml
5) T A~2-methylnaphthalene...	7.395	4057400	30.490 ug/ml
6) T n-Tetradecane (C14)	8.587	4050378	30.564 ug/ml
7) T n-Hexadecane (C16)	10.194	4263474	31.000 ug/ml
8) T n-Octadecane (C18)	11.637	4254622	30.544 ug/ml
10) T n-Eicosane (C20)	12.946	4264830	31.675 ug/ml
11) T n-Heneicosane (C21)	13.557	4098991	30.965 ug/ml
13) T n-Docosane (C22)	14.144	4121201	31.099 ug/ml
14) T n-Tetracosane (C24)	15.242	7021918	52.736 ug/ml
15) T n-Hexacosane (C26)	16.268	4146679	31.074 ug/ml
16) T n-Octacosane (C28)	17.217	4476355	33.620 ug/ml
17) T n-Tricontane (C30)	18.103	4917092	35.628 ug/ml
18) T n-Dotriacontane (C32)	18.934	4950423	35.840 ug/mlm
19) T n-Tetratriacontane (C34)	19.719	4580302	33.624 ug/mlm
20) T n-Hexatriacontane (C36)	20.458	4390452	32.426 ug/mlm
21) T n-Octatriacontane (C38)	21.200	4695809	34.011 ug/mlm
22) T n-Tetracontane (C40)	22.123	4776174	34.282 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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ALS Vial : 11 Sample Multiplier: 1

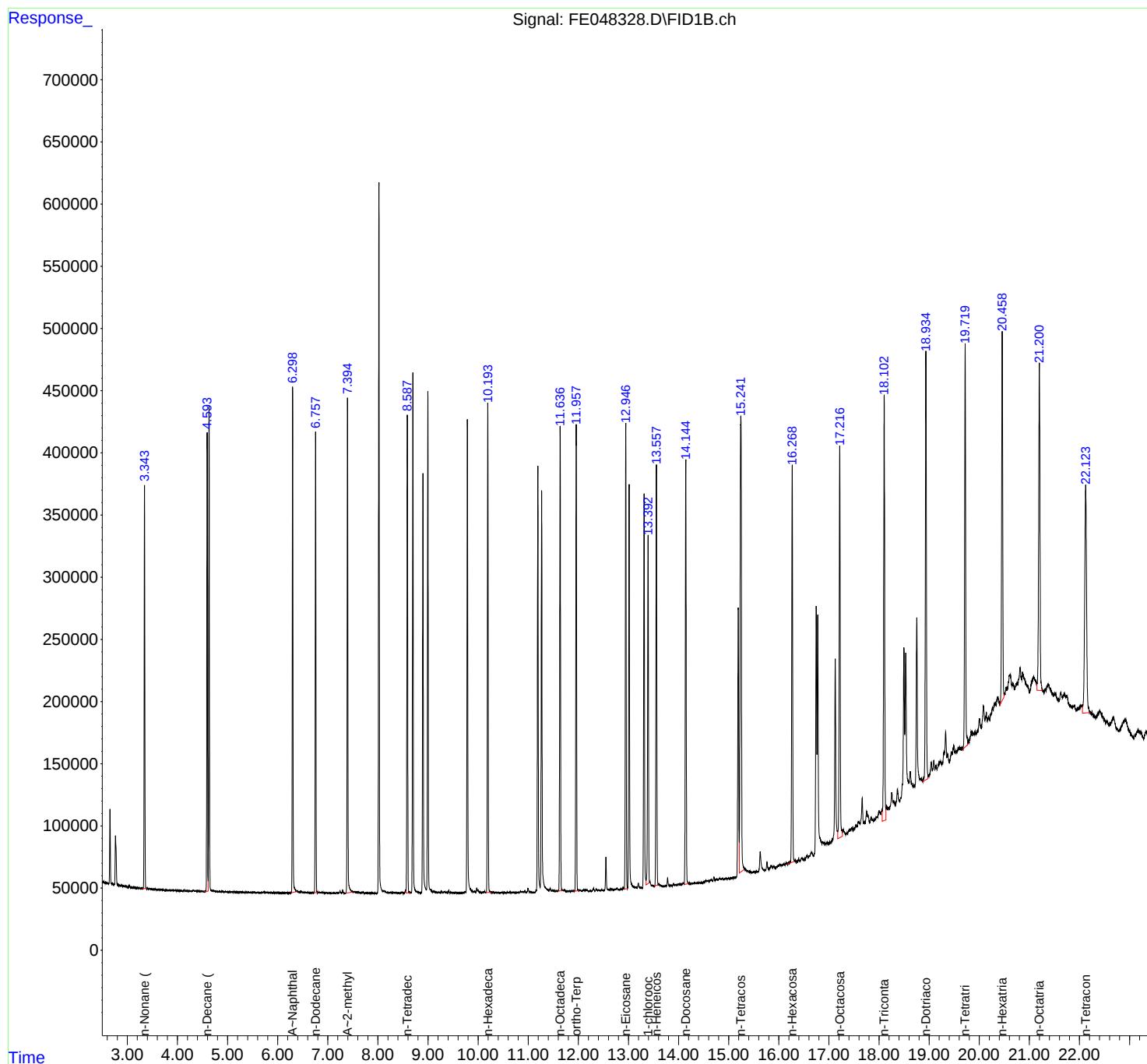
Instrument :
FID_E
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HD-01-05212024MS

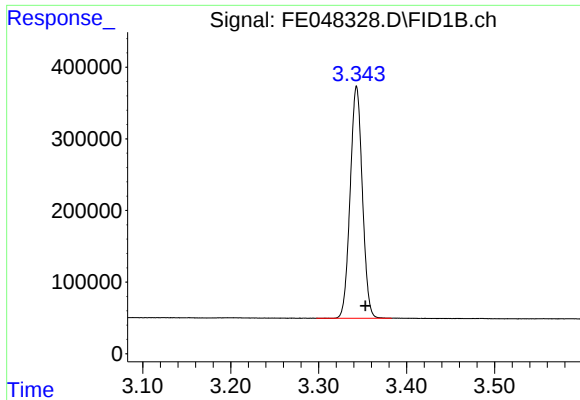
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QLast Update : Mon Apr 29 03:29:12 2024
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Integrator: ChemStation

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





#1 n-Nonane (C9)

R.T.: 3.343 min
Delta R.T.: -0.010 min
Response: 3113549
Conc: 24.16 ug/ml

Instrument :

FID_E

ClientSampleId :

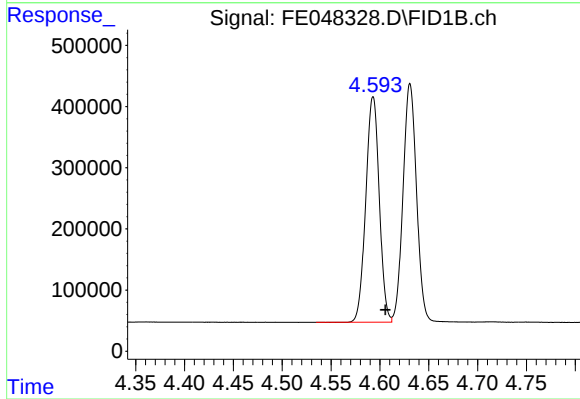
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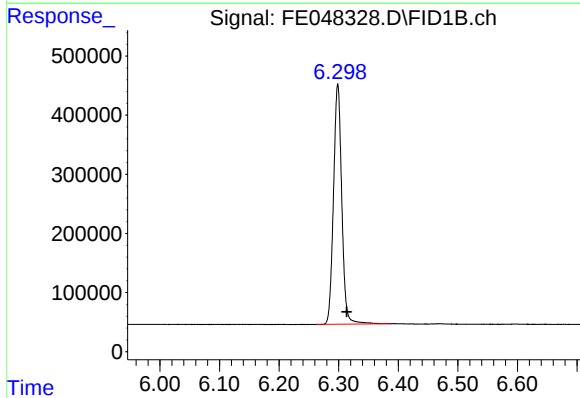
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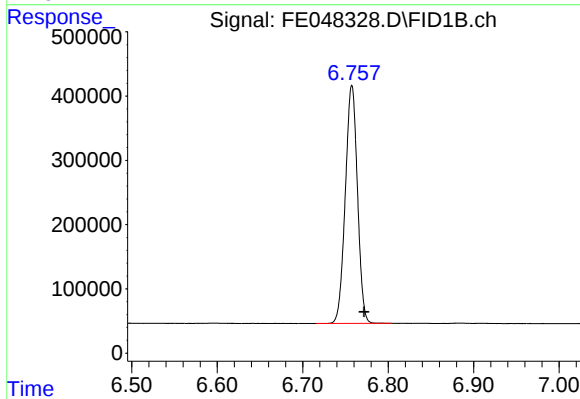
#2 n-Decane (C10)

R.T.: 4.593 min
Delta R.T.: -0.013 min
Response: 3542809
Conc: 26.91 ug/ml



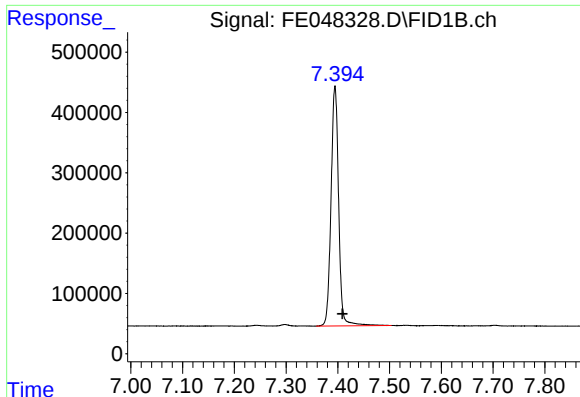
#3 A~Naphthalene (C11.7)

R.T.: 6.299 min
Delta R.T.: -0.015 min
Response: 3923600
Conc: 28.41 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.758 min
Delta R.T.: -0.014 min
Response: 3659702
Conc: 27.45 ug/ml



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

R.T.: 7.395 min
Delta R.T.: -0.014 min
Response: 4057400
Conc: 30.49 ug/ml

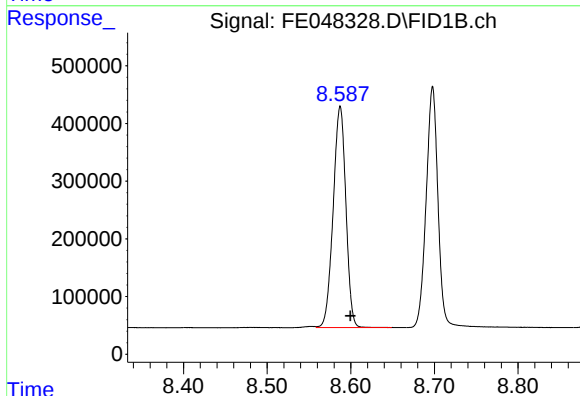
Instrument :

FID_E

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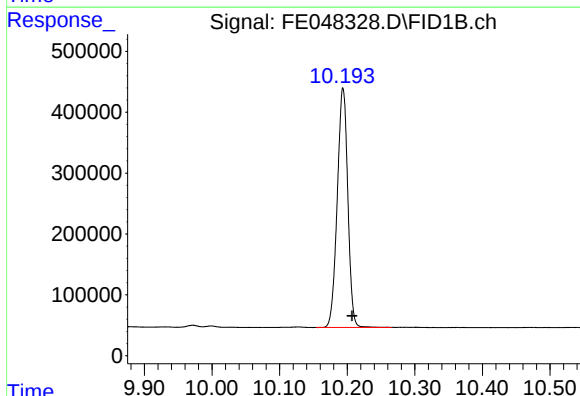
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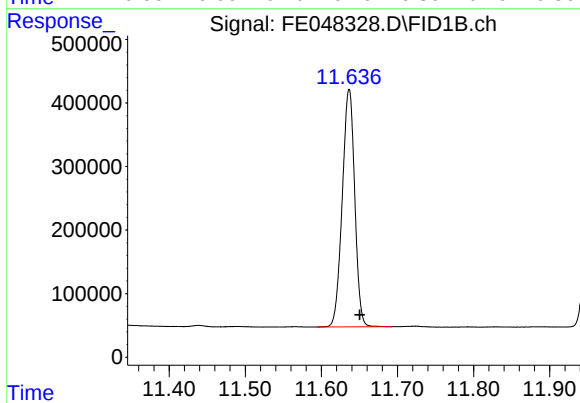
#6 n-Tetradecane (C14)

R.T.: 8.587 min
Delta R.T.: -0.012 min
Response: 4050378
Conc: 30.56 ug/ml



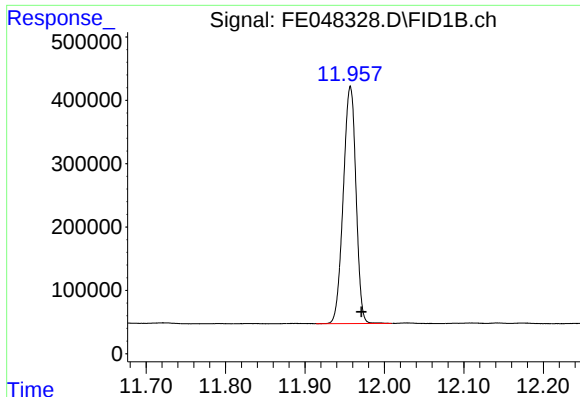
#7 n-Hexadecane (C16)

R.T.: 10.194 min
Delta R.T.: -0.013 min
Response: 4263474
Conc: 31.00 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.637 min
Delta R.T.: -0.014 min
Response: 4254622
Conc: 30.54 ug/ml



#9 ortho-Terphenyl (SURR)

R.T.: 11.957 min
Delta R.T.: -0.014 min
Response: 4155248
Conc: 28.80 ug/ml

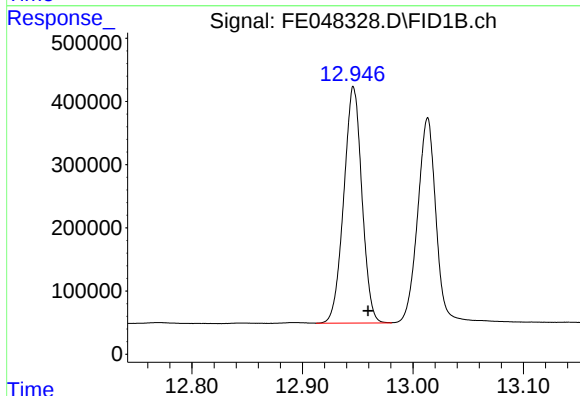
Instrument :

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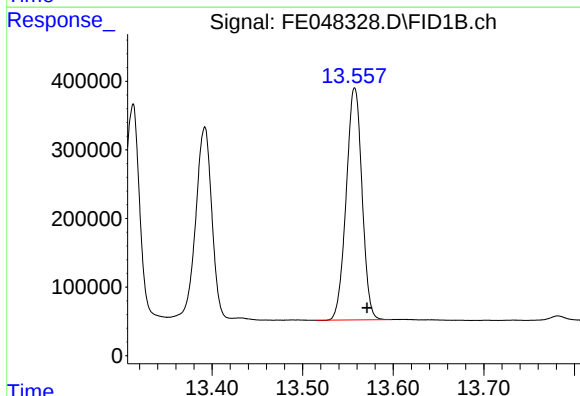
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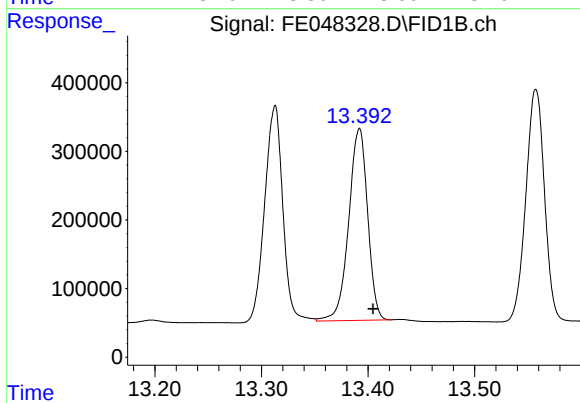
#10 n-Eicosane (C20)

R.T.: 12.946 min
Delta R.T.: -0.013 min
Response: 4264830
Conc: 31.67 ug/ml



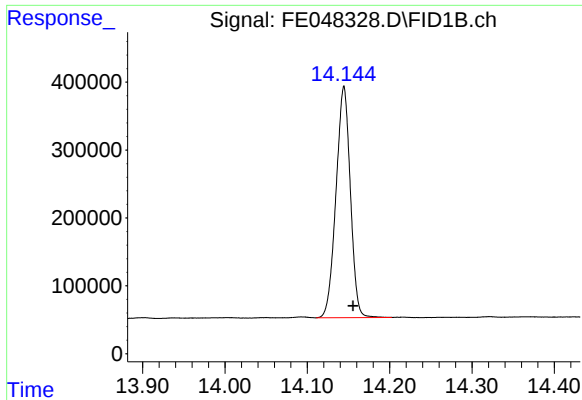
#11 n-Heneicosane (C21)

R.T.: 13.557 min
Delta R.T.: -0.014 min
Response: 4098991
Conc: 30.97 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.392 min
Delta R.T.: -0.013 min
Response: 3455587
Conc: 30.92 ug/ml



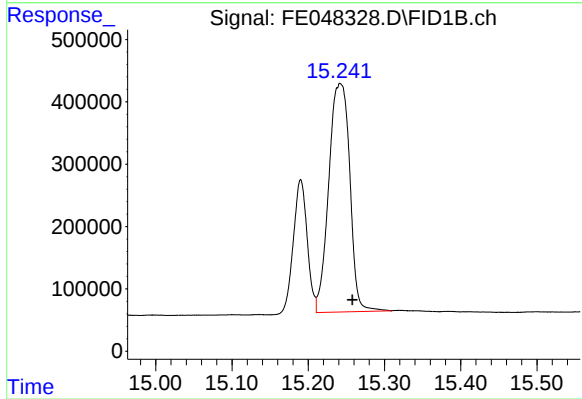
#13 n-Docosane (C22)

R.T.: 14.144 min
Delta R.T.: -0.011 min
Response: 4121201
Conc: 31.10 ug/ml

Instrument :
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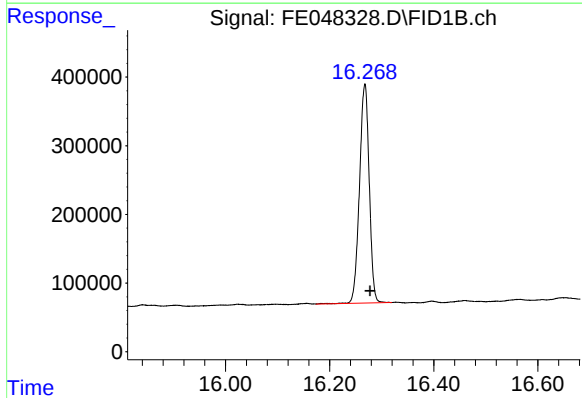
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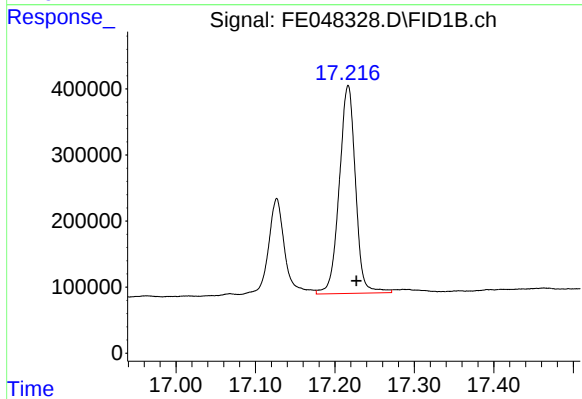
#14 n-Tetracosane (C24)

R.T.: 15.242 min
Delta R.T.: -0.016 min
Response: 7021918
Conc: 52.74 ug/ml



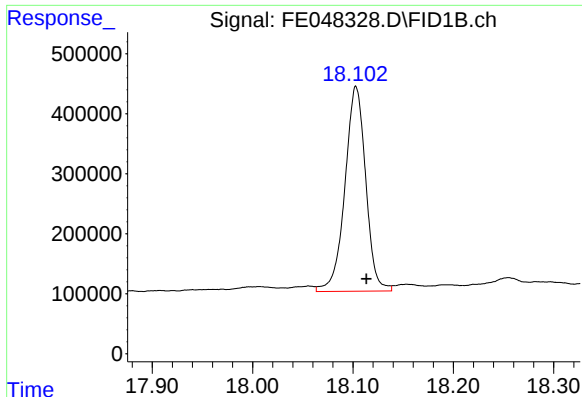
#15 n-Hexacosane (C26)

R.T.: 16.268 min
Delta R.T.: -0.010 min
Response: 4146679
Conc: 31.07 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.217 min
Delta R.T.: -0.010 min
Response: 4476355
Conc: 33.62 ug/ml



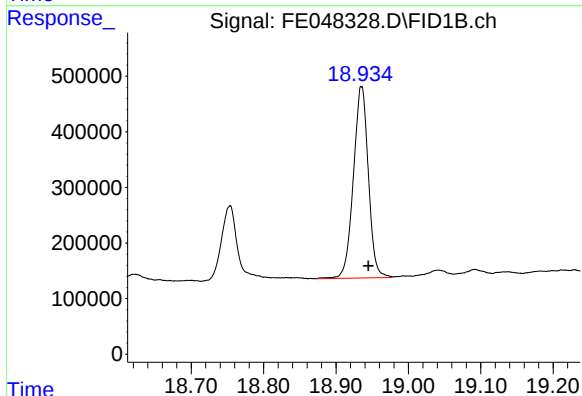
#17 n-Tricontane (C30)

R.T.: 18.103 min
Delta R.T.: -0.010 min
Response: 4917092
Conc: 35.63 ug/ml

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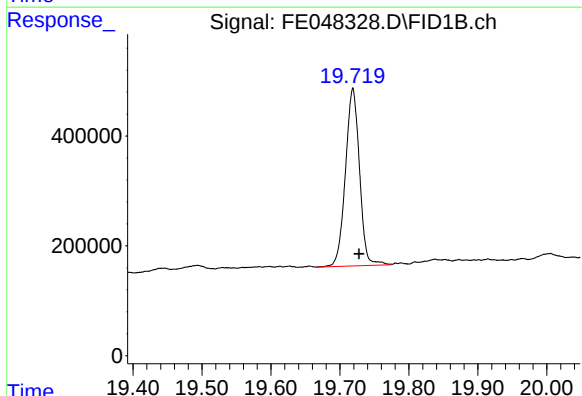
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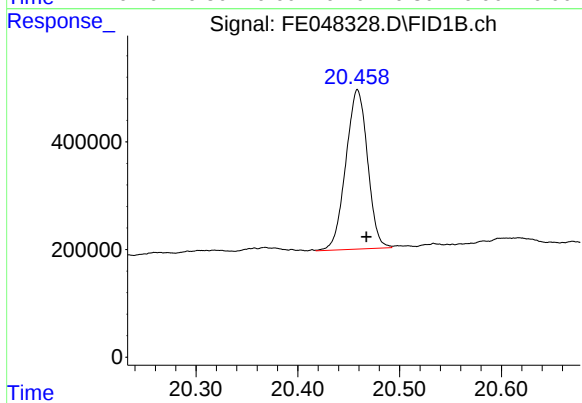
#18 n-Dotriacontane (C32)

R.T.: 18.934 min
Delta R.T.: -0.011 min
Response: 4950423
Conc: 35.84 ug/ml m



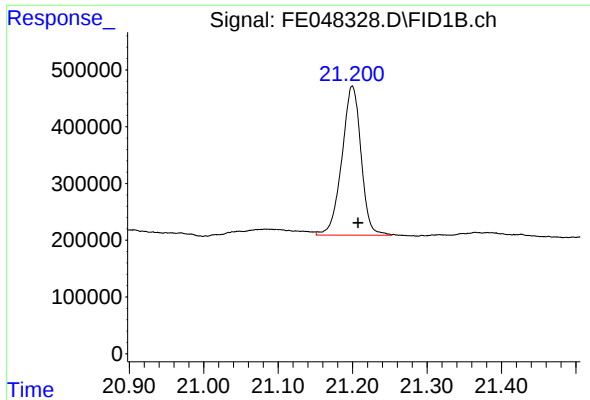
#19 n-Tetratriacontane (C34)

R.T.: 19.719 min
Delta R.T.: -0.009 min
Response: 4580302
Conc: 33.62 ug/ml m



#20 n-Hexatriacontane (C36)

R.T.: 20.458 min
Delta R.T.: -0.009 min
Response: 4390452
Conc: 32.43 ug/ml m



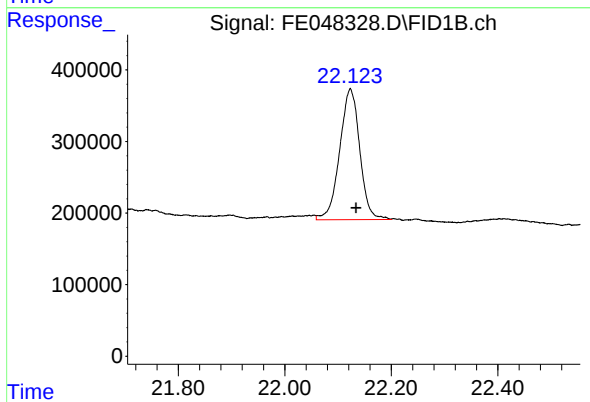
#21 n-Octatriacontane (C38)

R.T.: 21.200 min
Delta R.T.: -0.008 min
Response: 4695809
Conc: 34.01 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.123 min
Delta R.T.: -0.011 min
Response: 4776174
Conc: 34.28 ug/ml m