

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_E\Data\FE042223AL\
 Data File : FE041489.D
 Signal(s) : FID1B.ch
 Acq On : 21 Apr 2023 21:17
 Operator : YP\AJ
 Sample : 02423-02MS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 FID_E
 ClientSampleId :
 SPD-1WC-23-04-18MS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 04/24/2023
 Supervised By :Ankita Jodhani 04/24/2023

Integration File: autoint1.e
 Quant Time: Apr 22 04:06:05 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_E\methods\Aliphatic EPH 042123.M
 Quant Title : GC Extractables
 QLast Update : Fri Apr 21 07:33:51 2023
 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)	11.981	3565784	19.007 ug/ml
Spiked Amount 50.000		Recovery =	38.01%
12) S 1-chlorooctadecane (S...	13.417	2726283	19.298 ug/ml
Spiked Amount 50.000		Recovery =	38.60%
Target Compounds			
1) T n-Nonane (C9)	3.378	6663095	45.328 ug/ml
2) T n-Decane (C10)	4.622	6721274	44.815 ug/ml
3) T A~Naphthalene (C11.7)	6.321	7367049	44.517 ug/ml
4) T n-Dodecane (C12)	6.783	6869345	45.180 ug/ml
5) T A~2-methylnaphthalene...	7.417	6954802	43.131 ug/ml
6) T n-Tetradecane (C14)	8.612	6782658	44.651 ug/ml
7) T n-Hexadecane (C16)	10.220	6841183	42.869 ug/ml
8) T n-Octadecane (C18)	11.664	6868269	41.902 ug/ml
10) T n-Eicosane (C20)	12.975	6701984	41.667 ug/ml
11) T n-Heneicosane (C21)	13.586	6625565	41.573 ug/ml
13) T n-Docosane (C22)	14.173	6507729	40.844 ug/ml
14) T n-Tetracosane (C24)	15.265	13021671	80.769 ug/ml
15) T n-Hexacosane (C26)	16.301	6170154	39.028 ug/ml
16) T n-Octacosane (C28)	17.249	6315695	41.045 ug/ml
17) T n-Tricontane (C30)	18.140	6302262	41.380 ug/ml
18) T n-Dotriacontane (C32)	18.970	6043328	40.565 ug/ml
19) T n-Tetratriacontane (C34)	19.756	5871664	41.680 ug/ml
20) T n-Hexatriacontane (C36)	20.495	5392892	40.327 ug/mlm
21) T n-Octatriacontane (C38)	21.253	5671807	42.924 ug/ml
22) T n-Tetracontane (C40)	22.199	5820898	45.975 ug/mlm

(f)=RT Delta > 1/2 Window

(m)=manual int.

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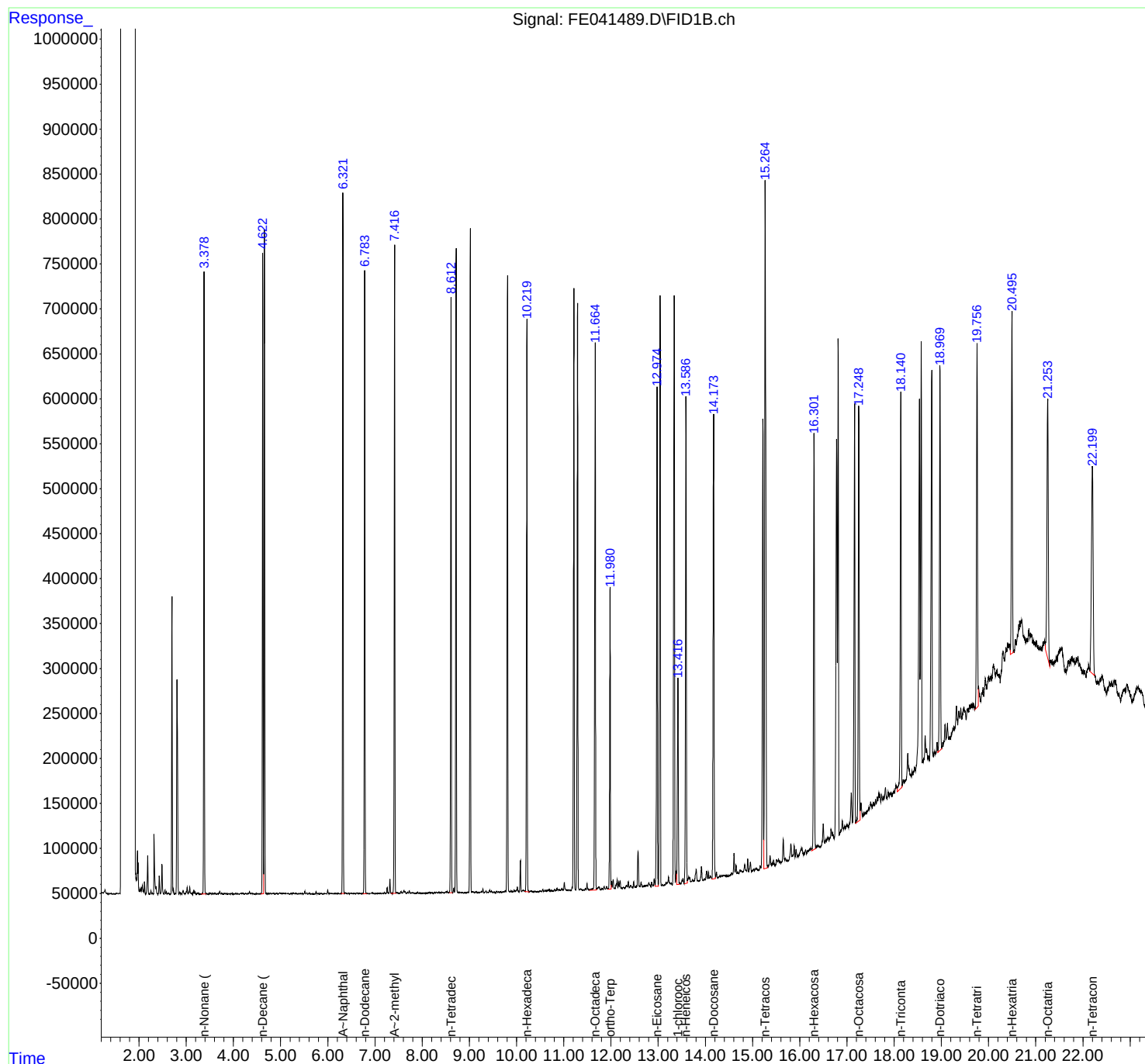
Instrument :
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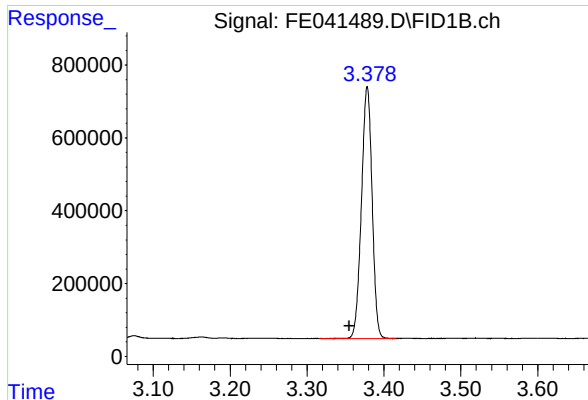
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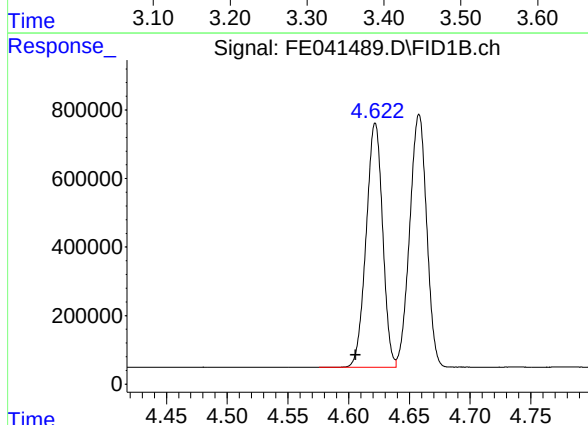
#1 n-Nonane (C9)

R.T.: 3.378 min
Delta R.T.: 0.023 min
Response: 6663095
Conc: 45.33 ug/ml

Instrument : FID_E
ClientSampleId : SPD-1WC-23-04-18MS

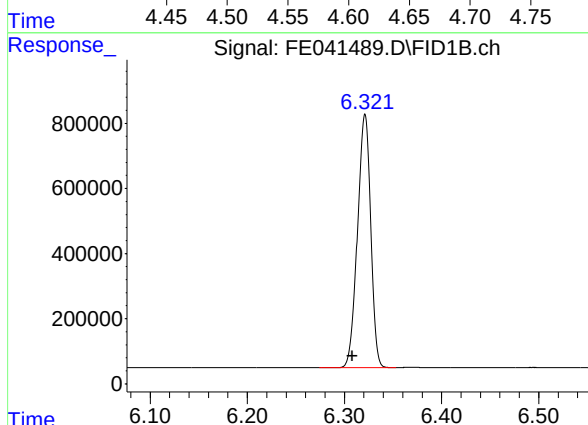
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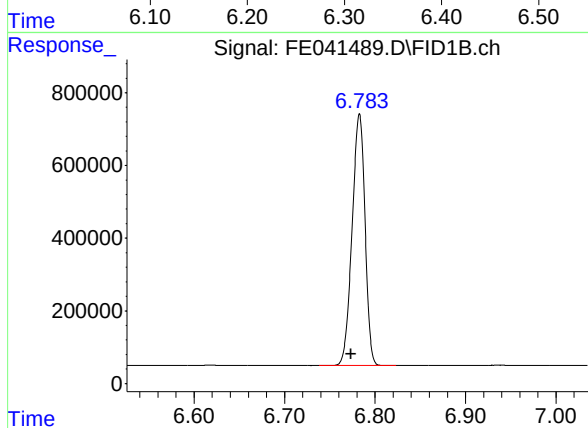
#2 n-Decane (C10)

R.T.: 4.622 min
Delta R.T.: 0.016 min
Response: 6721274
Conc: 44.81 ug/ml



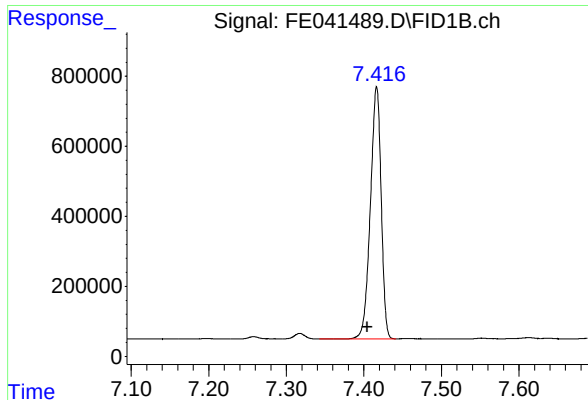
#3 A~Naphthalene (C11.7)

R.T.: 6.321 min
Delta R.T.: 0.013 min
Response: 7367049
Conc: 44.52 ug/ml



#4 n-Dodecane (C12)

R.T.: 6.783 min
Delta R.T.: 0.009 min
Response: 6869345
Conc: 45.18 ug/ml



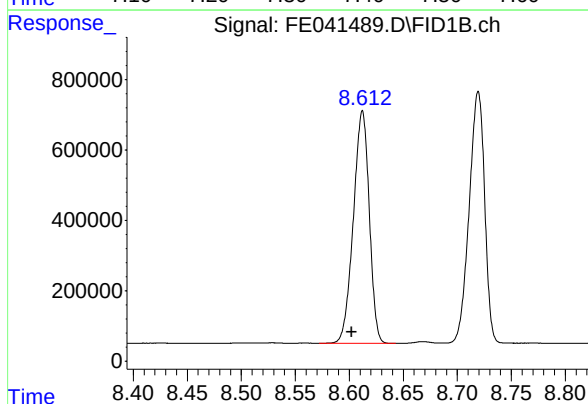
#5 A~2-methylnaphthalene (C12.89)

R.T.: 7.417 min
Delta R.T.: 0.012 min
Response: 6954802
Conc: 43.13 ug/ml

Instrument : FID_E
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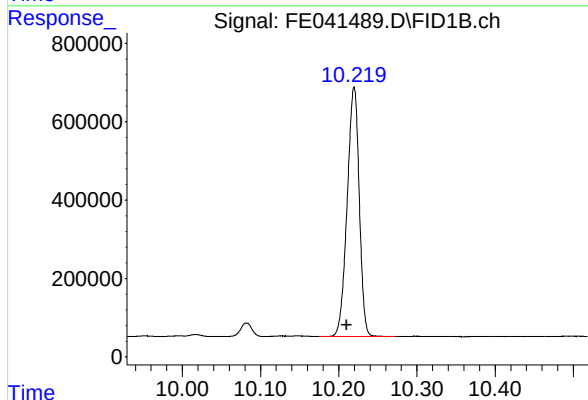
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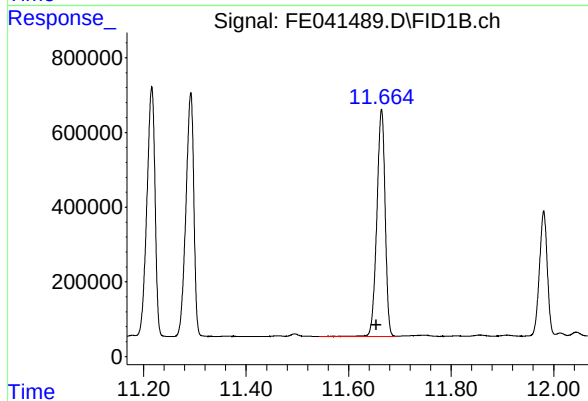
#6 n-Tetradecane (C14)

R.T.: 8.612 min
Delta R.T.: 0.010 min
Response: 6782658
Conc: 44.65 ug/ml



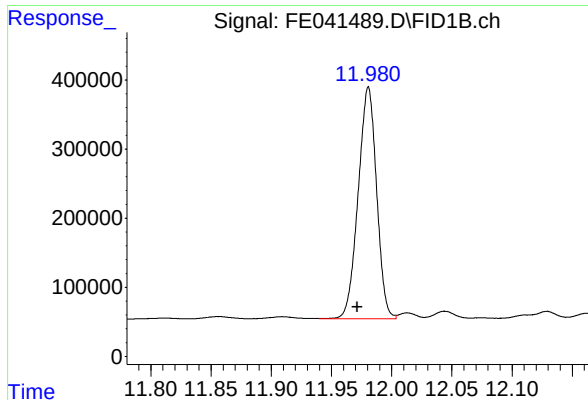
#7 n-Hexadecane (C16)

R.T.: 10.220 min
Delta R.T.: 0.010 min
Response: 6841183
Conc: 42.87 ug/ml



#8 n-Octadecane (C18)

R.T.: 11.664 min
Delta R.T.: 0.010 min
Response: 6868269
Conc: 41.90 ug/ml



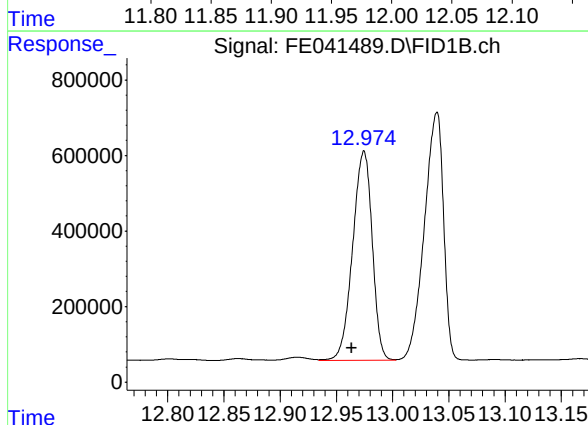
#9 ortho-Terphenyl (SURR)

R.T.: 11.981 min
Delta R.T.: 0.009 min
Response: 3565784
Conc: 19.01 ug/ml

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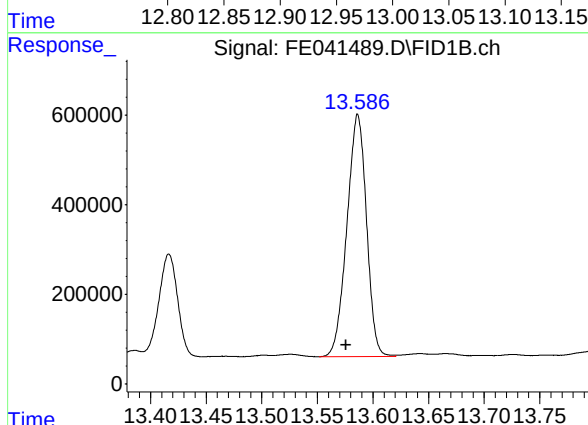
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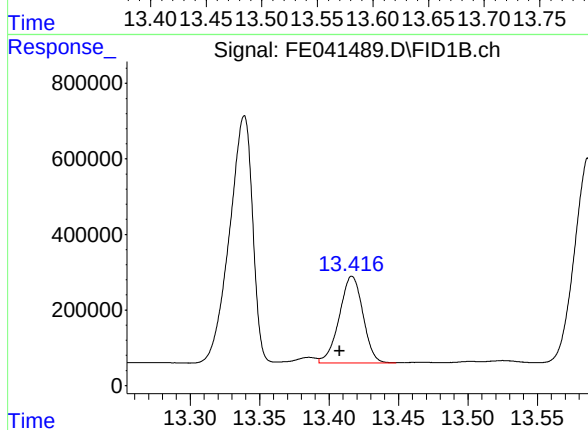
#10 n-Eicosane (C20)

R.T.: 12.975 min
Delta R.T.: 0.011 min
Response: 6701984
Conc: 41.67 ug/ml



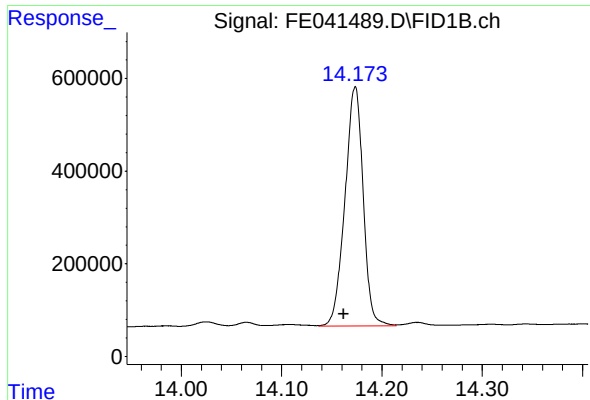
#11 n-Heneicosane (C21)

R.T.: 13.586 min
Delta R.T.: 0.011 min
Response: 6625565
Conc: 41.57 ug/ml



#12 1-chlorooctadecane (SURR)

R.T.: 13.417 min
Delta R.T.: 0.009 min
Response: 2726283
Conc: 19.30 ug/ml



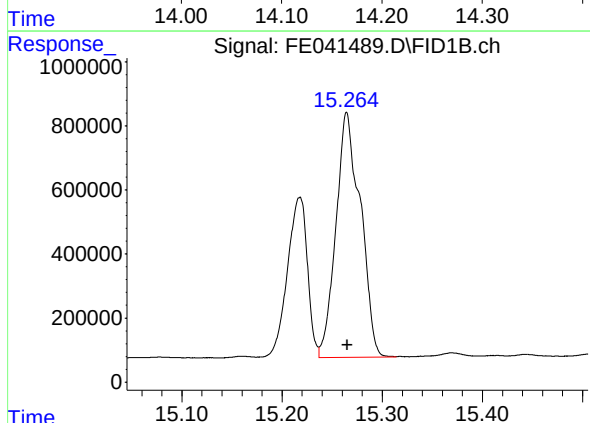
#13 n-Docosane (C22)

R.T.: 14.173 min
Delta R.T.: 0.011 min
Response: 6507729
Conc: 40.84 ug/ml

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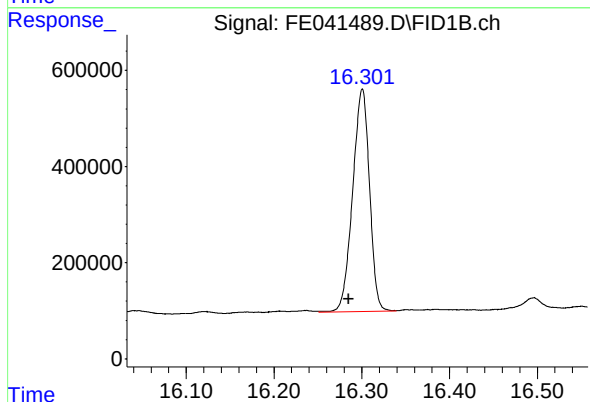
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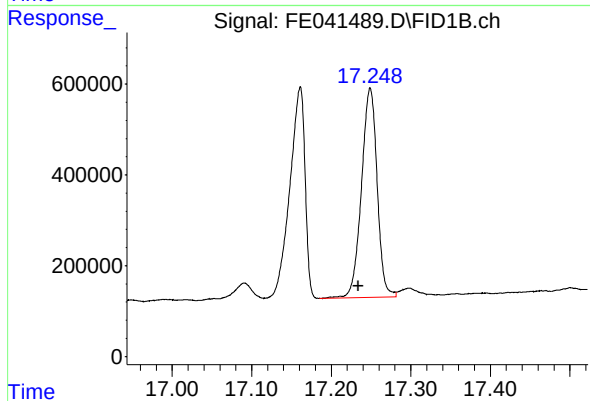
#14 n-Tetracosane (C24)

R.T.: 15.265 min
Delta R.T.: 0.000 min
Response: 13021671
Conc: 80.77 ug/ml



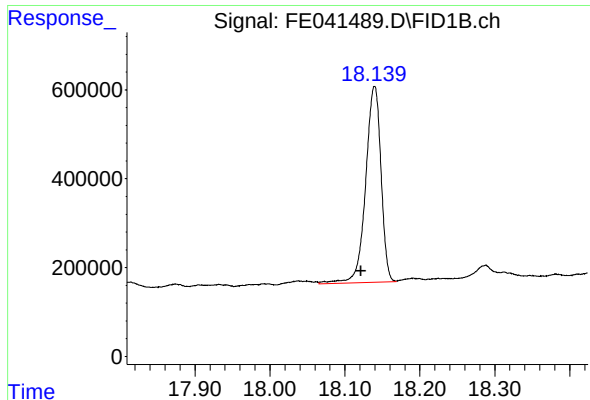
#15 n-Hexacosane (C26)

R.T.: 16.301 min
Delta R.T.: 0.016 min
Response: 6170154
Conc: 39.03 ug/ml



#16 n-Octacosane (C28)

R.T.: 17.249 min
Delta R.T.: 0.015 min
Response: 6315695
Conc: 41.05 ug/ml



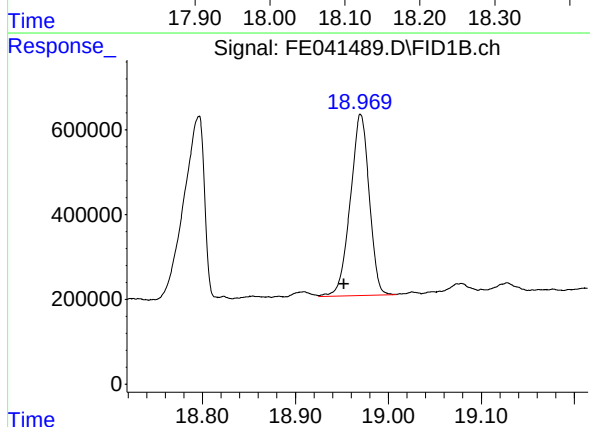
#17 n-Tricontane (C30)

R.T.: 18.140 min
Delta R.T.: 0.018 min
Response: 6302262
Conc: 41.38 ug/ml

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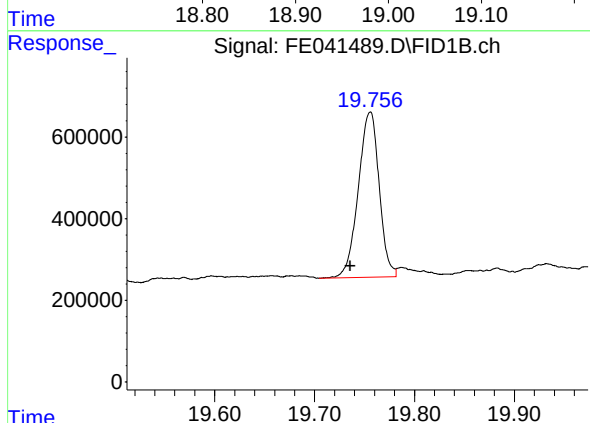
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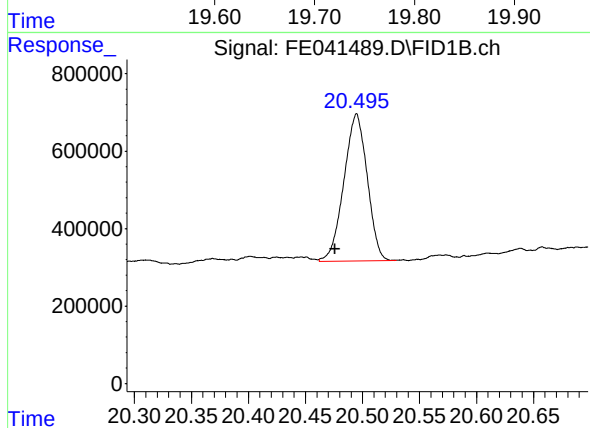
#18 n-Dotriacontane (C32)

R.T.: 18.970 min
Delta R.T.: 0.018 min
Response: 6043328
Conc: 40.56 ug/ml



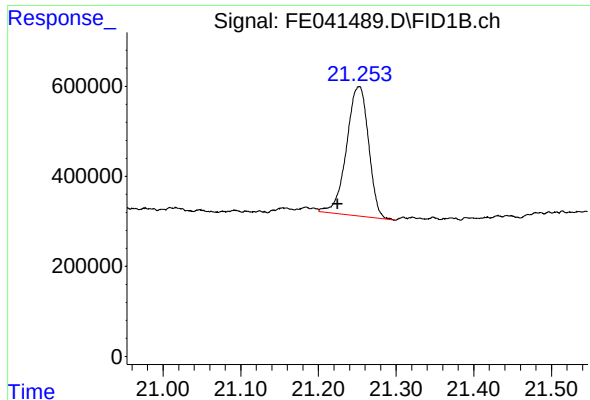
#19 n-Tetratriacontane (C34)

R.T.: 19.756 min
Delta R.T.: 0.020 min
Response: 5871664
Conc: 41.68 ug/ml



#20 n-Hexatriacontane (C36)

R.T.: 20.495 min
Delta R.T.: 0.019 min
Response: 5392892
Conc: 40.33 ug/ml m



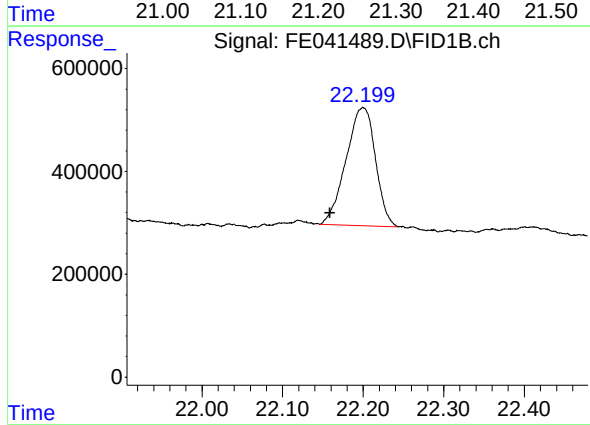
#21 n-Octatriacontane (C38)

R.T.: 21.253 min
Delta R.T.: 0.028 min
Response: 5671807
Conc: 42.92 ug/ml

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#22 n-Tetracontane (C40)

R.T.: 22.199 min
Delta R.T.: 0.040 min
Response: 5820898
Conc: 45.97 ug/ml m